

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049630.D
 Acq On : 29 Jun 2018 13:02
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 30 00:22:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1449886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2139879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1996744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1166156	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	2749771	143.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.22%	
35) Dibromofluoromethane	7.59	113	2203387	137.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.46%	
50) Toluene-d8	10.09	98	9521299	152.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.10%	
62) 4-Bromofluorobenzene	12.40	95	3499240	163.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	2366045	144.806	ug/l	97
3) Chloromethane	2.05	50	2851281	139.715	ug/l	100
4) Vinyl Chloride	2.18	62	3078412	140.448	ug/l	100
5) Bromomethane	2.54	94	1582391	137.440	ug/l	100
6) Chloroethane	2.69	64	1887876	136.082	ug/l	99
7) Trichlorofluoromethane	3.01	101	3267332	130.502	ug/l	99
8) Diethyl Ether	3.41	74	1446883	142.575	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2433090	135.076	ug/l	100
10) Methyl Iodide	3.95	142	3604616	159.897	ug/l	99
11) Tert butyl alcohol	4.80	59	850262	773.857	ug/l	99
12) 1,1-Dichloroethene	3.73	96	2328639	136.742	ug/l	100
13) Acrolein	3.60	56	853544	831.668	ug/l	99
14) Allyl chloride	4.32	41	3065012	131.030	ug/l	98
15) Acrylonitrile	4.99	53	4276896	753.668	ug/l	99
16) Acetone	3.82	43	2764481	582.942	ug/l	99
17) Carbon Disulfide	4.05	76	6901091	133.687	ug/l	100
18) Methyl Acetate	4.33	43	2328568	80.704	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	6550045	149.204	ug/l	100
20) Methylene Chloride	4.55	84	2614221	132.590	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	2497766	142.517	ug/l	99
22) Diisopropyl ether	5.95	45	7891954	149.121	ug/l	96
23) Vinyl Acetate	5.90	43	27512963	801.677	ug/l	100
24) 1,1-Dichloroethane	5.85	63	4575387	137.233	ug/l	100
25) 2-Butanone	6.84	43	4753038	747.754	ug/l	100
26) 2,2-Dichloropropane	6.82	77	3823075	138.063	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	2877648	146.987	ug/l	99
28) Bromochloromethane	7.20	49	2067451	146.106	ug/l	99
29) Tetrahydrofuran	7.21	42	3188793	787.092	ug/l	100
30) Chloroform	7.37	83	4684837	137.844	ug/l	99
31) Cyclohexane	7.65	56	4175466	127.179	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	4054996	140.926	ug/l	99
36) 1,1-Dichloropropene	7.79	75	3650829	151.645	ug/l	100
37) Ethyl Acetate	6.93	43	2209965	157.381	ug/l	100
38) Carbon Tetrachloride	7.77	117	3469255	148.138	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	4085456	154.775	ug/l	99
40) Benzene	8.04	78	10765923	146.451	ug/l	99
41) Methacrylonitrile	7.18	41	1294913	172.756	ug/l	98
42) 1,2-Dichloroethane	8.12	62	3347025	142.665	ug/l	100
43) Isopropyl Acetate	8.17	43	4114405	124.010	ug/l #	85
44) Trichloroethene	8.84	130	3141874	141.720	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2807569	147.824	ug/l	99
46) Dibromomethane	9.21	93	1683185	146.490	ug/l	99
47) Bromodichloromethane	9.40	83	3612878	147.707	ug/l	98
48) Methyl methacrylate	9.20	41	2019984	161.881	ug/l	99
49) 1,4-Dioxane	9.20	88	541273	3226.538	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	10858966	788.740	ug/l	99
52) Toluene	10.16	92	6700897	150.883	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	3843994	164.126	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	4370966	159.680	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	2411300	145.819	ug/l	100
56) Ethyl methacrylate	10.43	69	3320396	171.303	ug/l	99
57) 1,3-Dichloropropane	10.71	76	4069888	151.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	7651749	847.994	ug/l	100
59) 2-Hexanone	10.75	43	7411274	814.085	ug/l	99
60) Dibromochloromethane	10.90	129	2801253	156.735	ug/l	100
61) 1,2-Dibromoethane	11.01	107	2437250	153.824	ug/l	99
64) Tetrachloroethene	10.63	164	3664791	135.550	ug/l	99
65) Chlorobenzene	11.44	112	7446662	142.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	2709798	144.782	ug/l	99
67) Ethyl Benzene	11.51	91	13064498	151.729	ug/l	99
68) m/p-Xylenes	11.62	106	10045594	304.428	ug/l #	1
69) o-Xylene	11.95	106	4887588	154.706	ug/l	98
70) Styrene	11.97	104	8171684	159.860	ug/l	100
71) Bromoform	12.13	173	1979134	159.139	ug/l #	99
73) Isopropylbenzene	12.25	105	12820807	138.022	ug/l	100
74) N-amyl acetate	12.07	43	3835310	151.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	2807600	127.997	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	3836009	189.478	ug/l #	100
77) Bromobenzene	12.53	156	3356750	132.895	ug/l	100
78) n-propylbenzene	12.59	91	14650376	137.614	ug/l	98
79) 2-Chlorotoluene	12.68	91	8981790	133.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	11018716	142.749	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	881542	160.090	ug/l	96
82) 4-Chlorotoluene	12.77	91	9286403	137.078	ug/l	100
83) tert-Butylbenzene	12.99	119	9288079	140.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	11411315	143.872	ug/l	100
85) sec-Butylbenzene	13.17	105	12658597	144.087	ug/l	100
86) p-Isopropyltoluene	13.29	119	11484970	150.929	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	6290663	134.901	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	6192749	133.032	ug/l	99
89) n-Butylbenzene	13.62	91	10138917	155.631	ug/l	99
90) Hexachloroethane	13.88	117	1232821	154.235	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	5959006	131.470	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	472407	123.423	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:18:48 2018
Response via : Initial Calibration

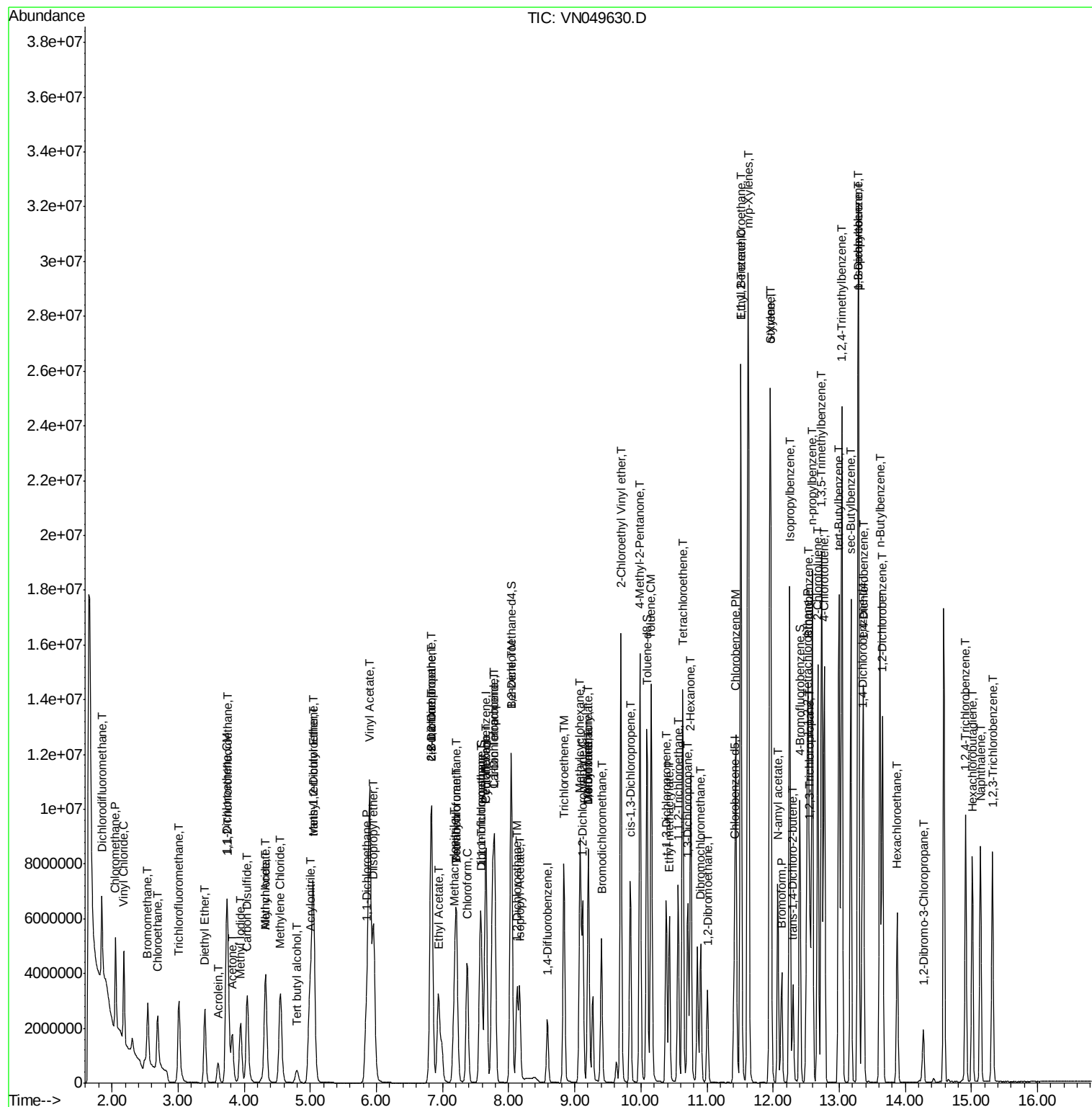
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3313096	158.735	ug/l	99
94) Hexachlorobutadiene	15.01	225	1750731	120.942	ug/l	99
95) Naphthalene	15.14	128	7559832	168.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3115126	145.062	ug/l	99

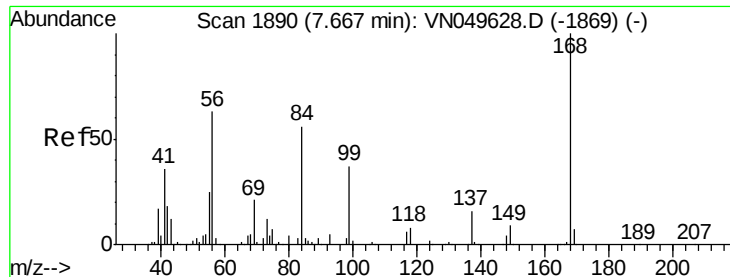
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

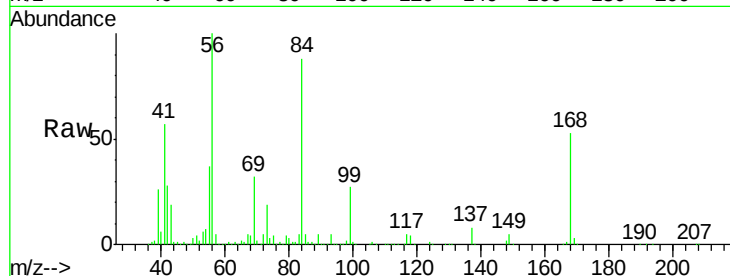
VSTDIC150

Tgt Ion:168 Resp: 1449886

Ion Ratio Lower Upper

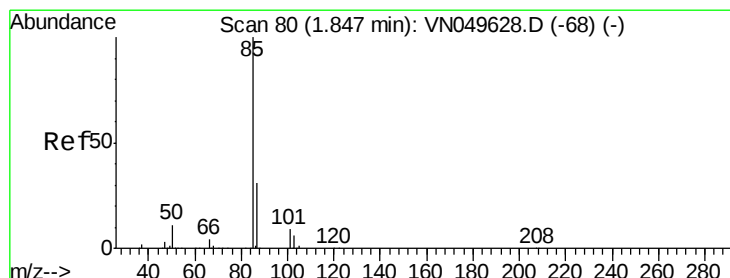
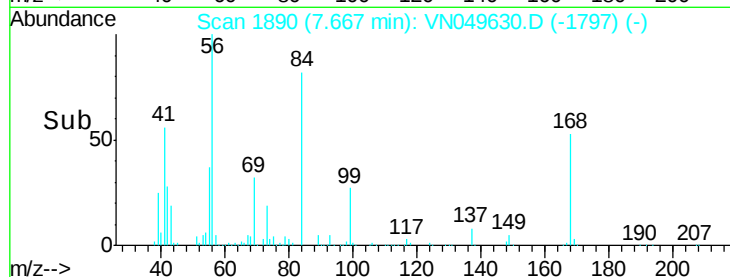
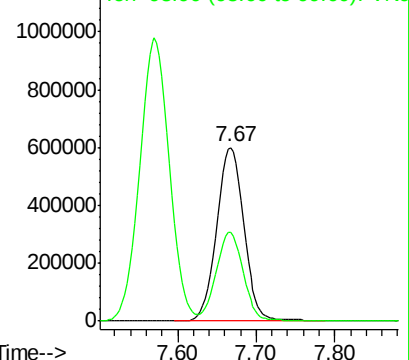
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 144.806 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049630.D

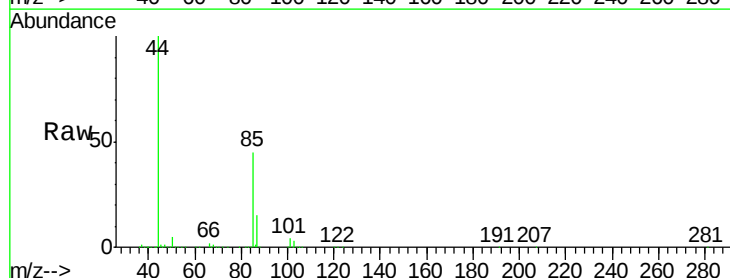
Acq: 29 Jun 2018 13:02

Tgt Ion: 85 Resp: 2366045

Ion Ratio Lower Upper

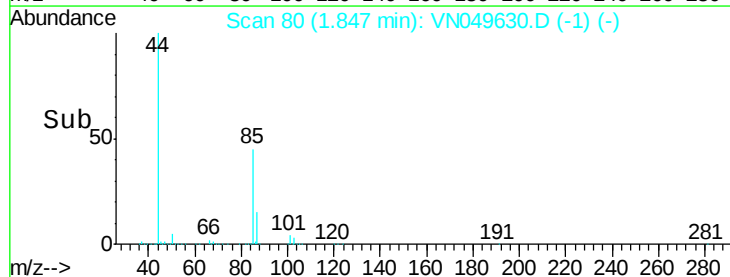
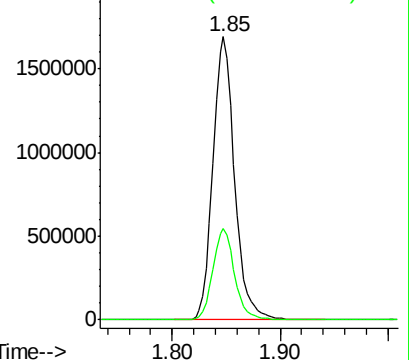
85 100

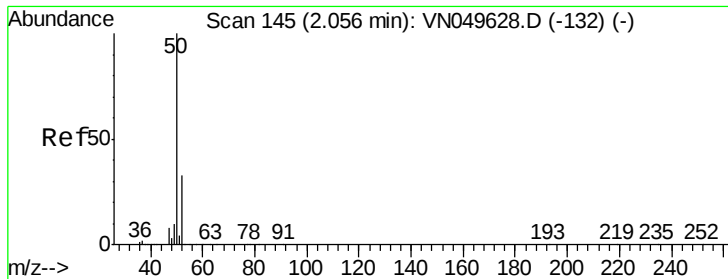
87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 139.715 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

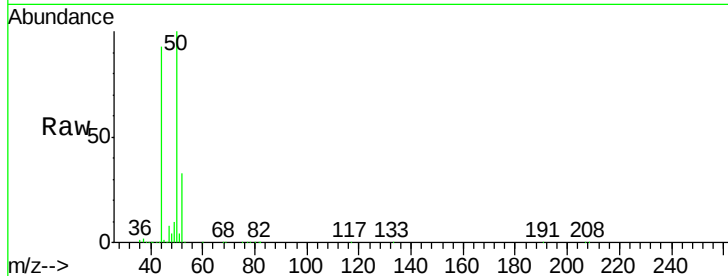
VSTDIC150

Tgt Ion: 50 Resp: 2851281

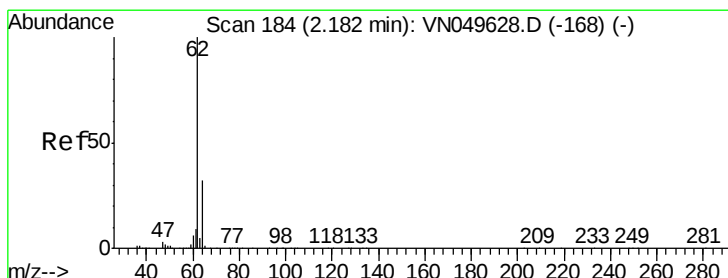
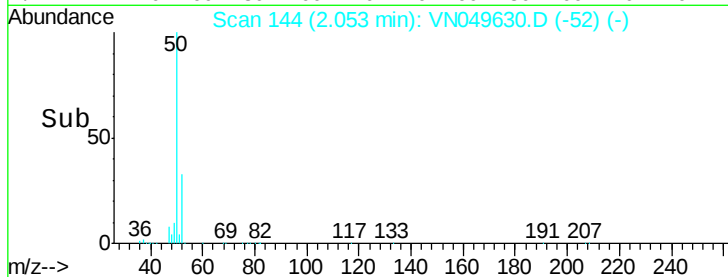
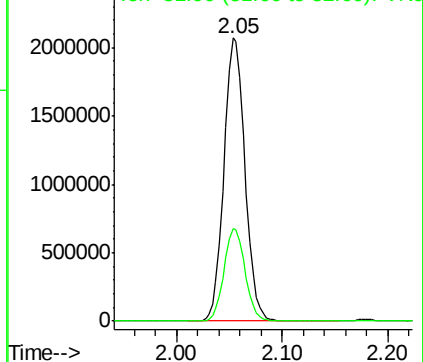
Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 140.448 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049630.D

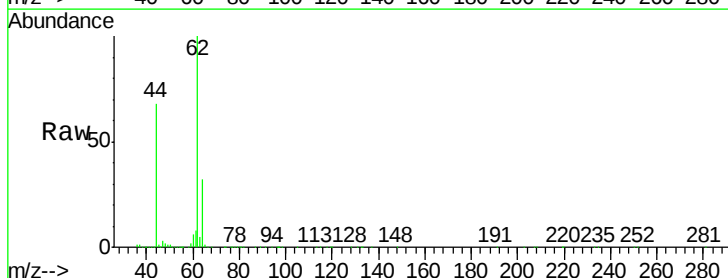
Acq: 29 Jun 2018 13:02

Tgt Ion: 62 Resp: 3078412

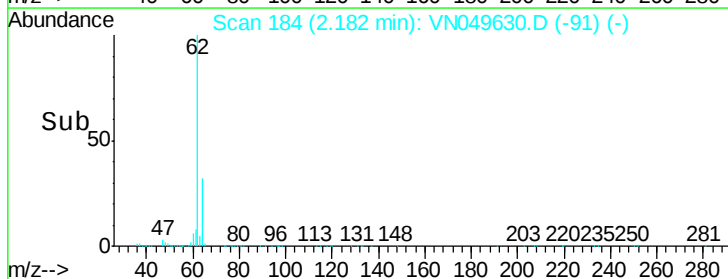
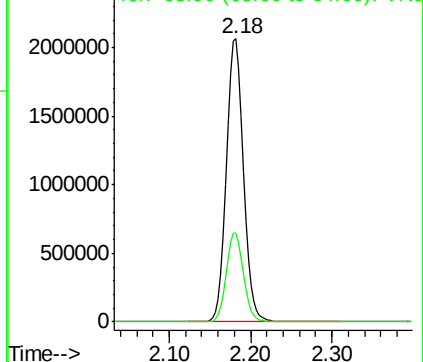
Ion Ratio Lower Upper

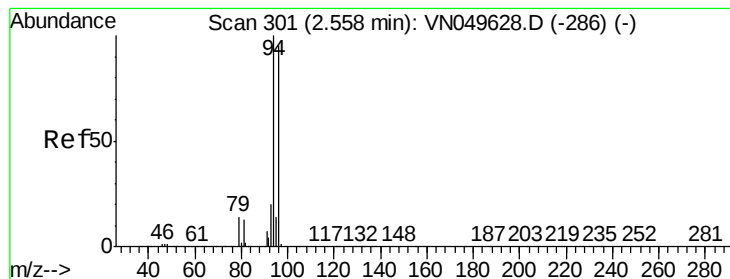
62 100

64 31.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 137.440 ug/l

RT: 2.54 min Scan# 296

Delta R.T. -0.02 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

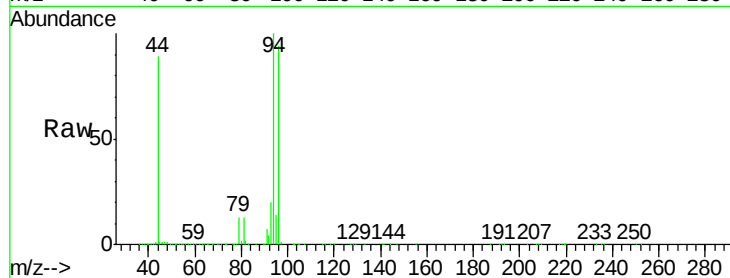
VSTDIC150

Tgt Ion: 94 Resp: 1582391

Ion Ratio Lower Upper

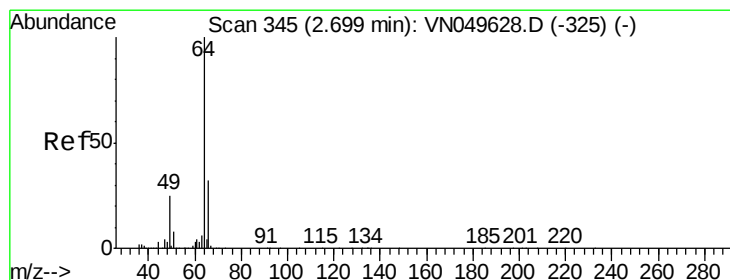
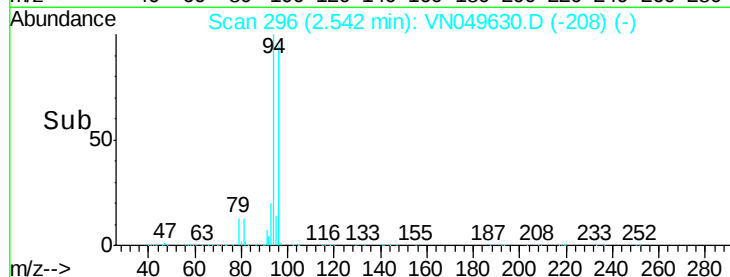
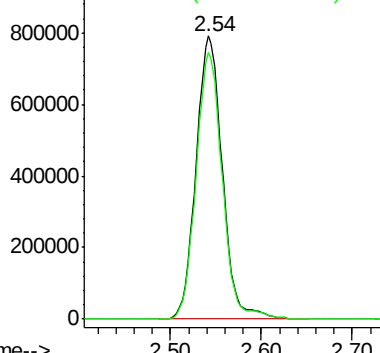
94 100

96 94.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 136.082 ug/l

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN049630.D

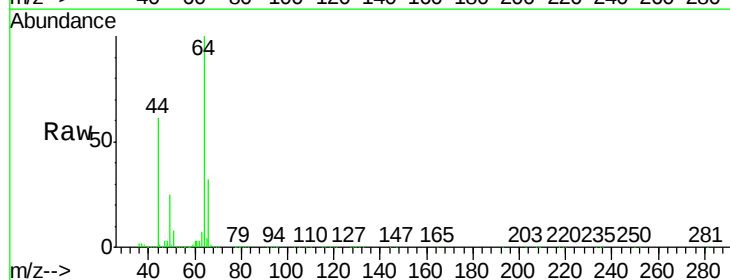
Acq: 29 Jun 2018 13:02

Tgt Ion: 64 Resp: 1887876

Ion Ratio Lower Upper

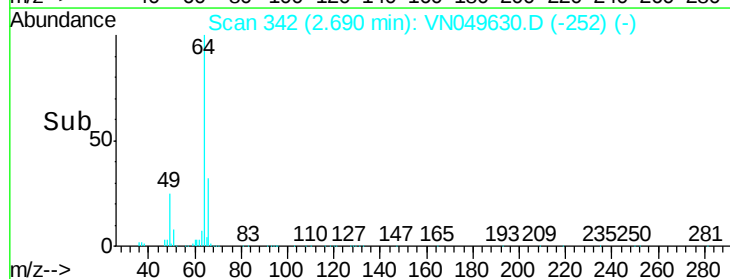
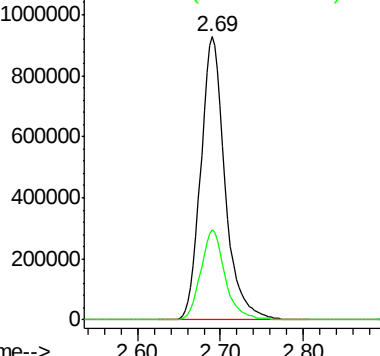
64 100

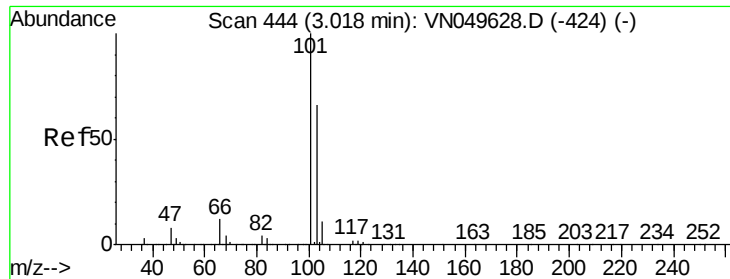
66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



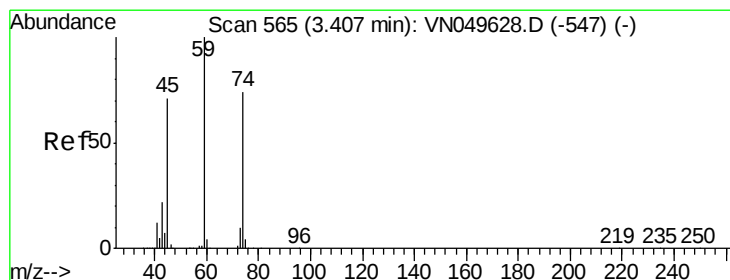
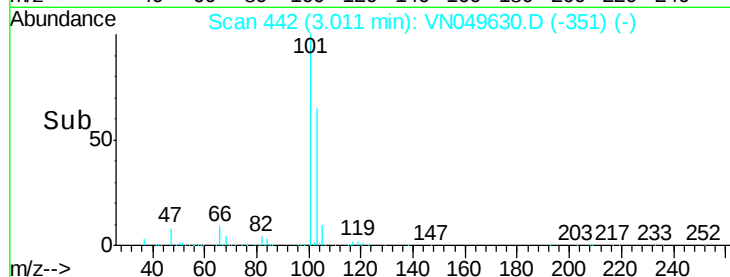
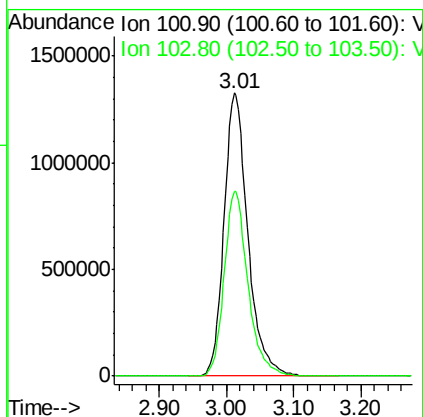
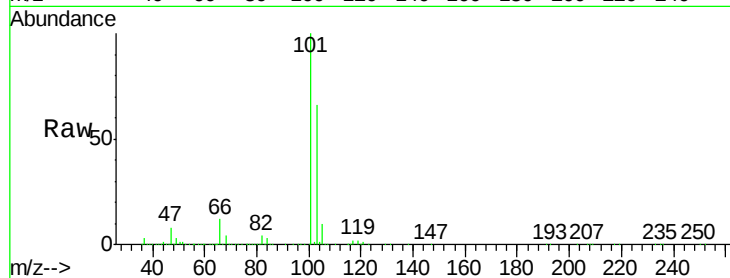


#7

Trichlorofluoromethane
Concen: 130.502 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.01 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

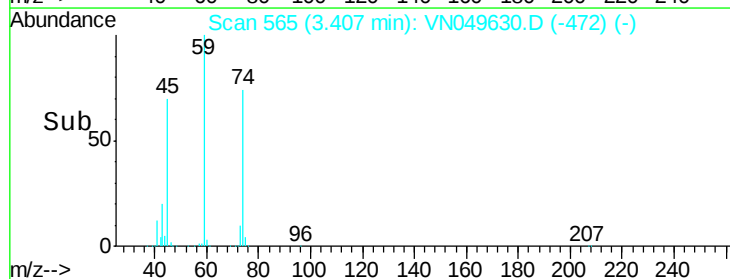
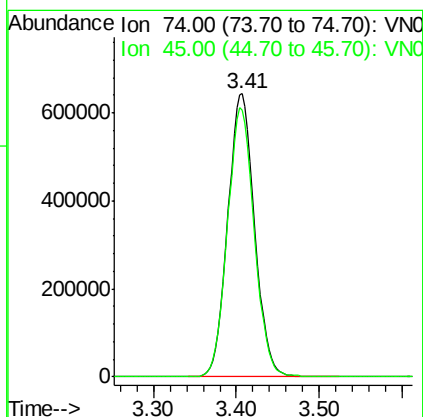
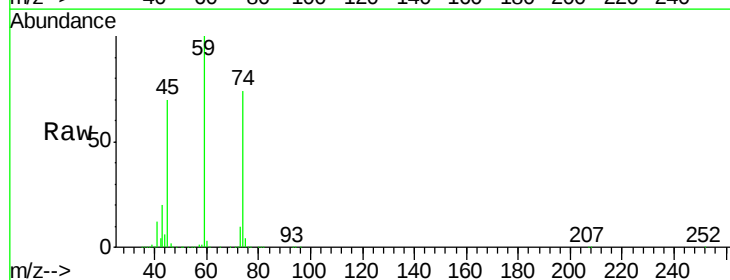
Tgt Ion:101 Resp: 3267332
Ion Ratio Lower Upper
101 100
103 65.5 52.8 79.2

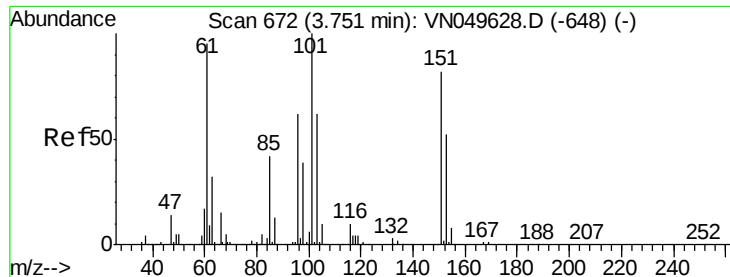


#8

Diethyl Ether
Concen: 142.575 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 74 Resp: 1446883
Ion Ratio Lower Upper
74 100
45 95.0 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 135.076 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

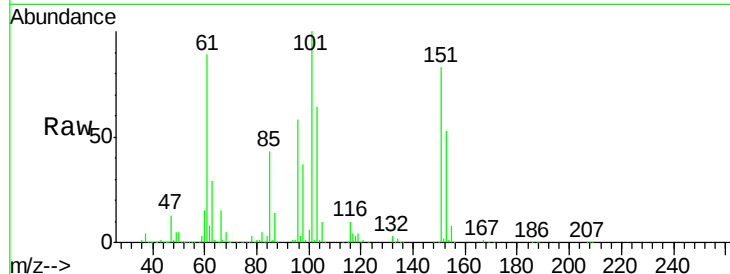
Tgt Ion:101 Resp: 2433090

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

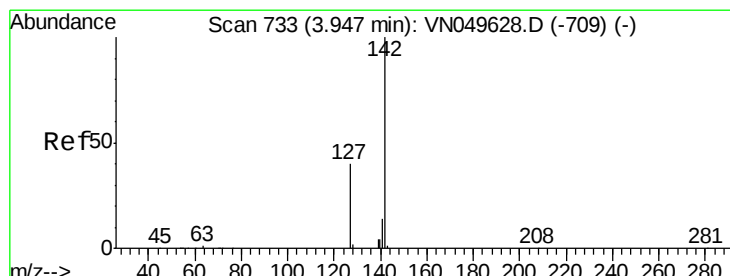
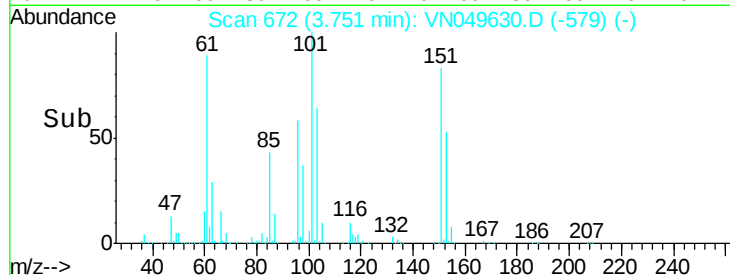
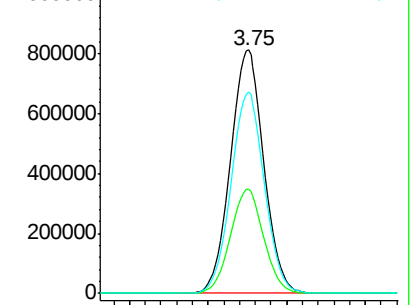
151 82.9 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 159.897 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

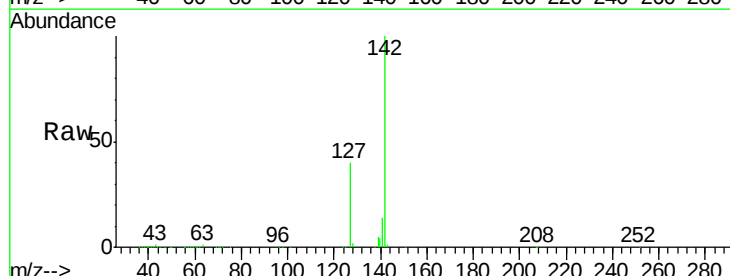
Tgt Ion:142 Resp: 3604616

Ion Ratio Lower Upper

142 100

127 40.3 32.5 48.7

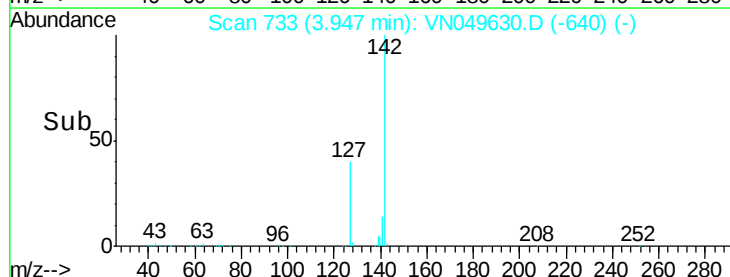
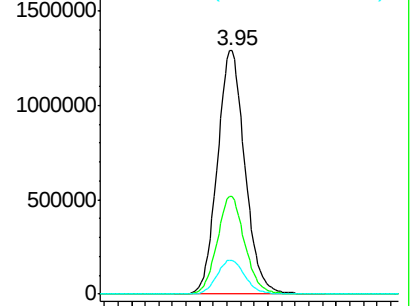
141 14.2 11.1 16.7

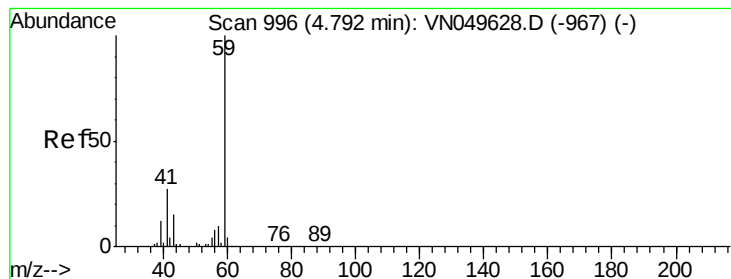


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



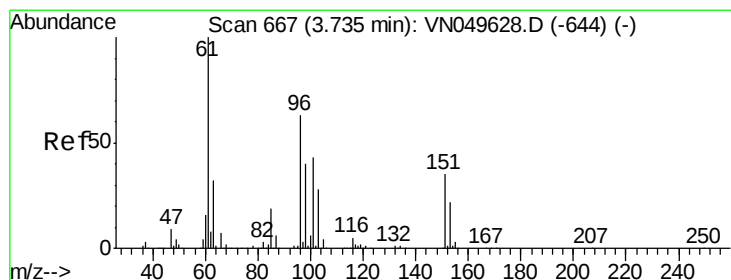
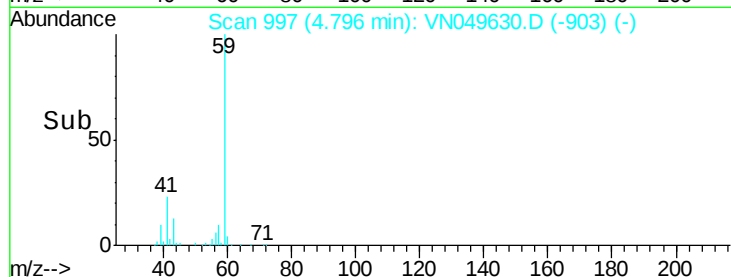
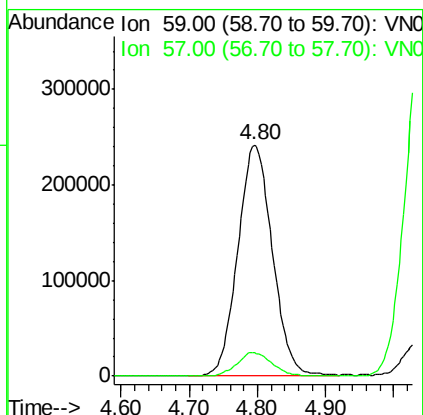
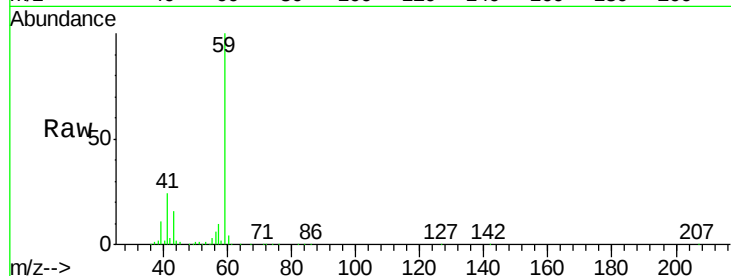


#11

Tert butyl alcohol
 Concen: 773.857 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

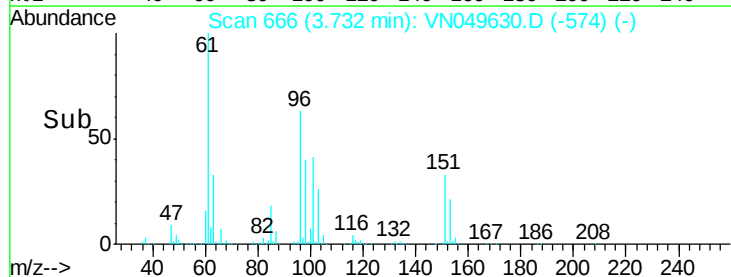
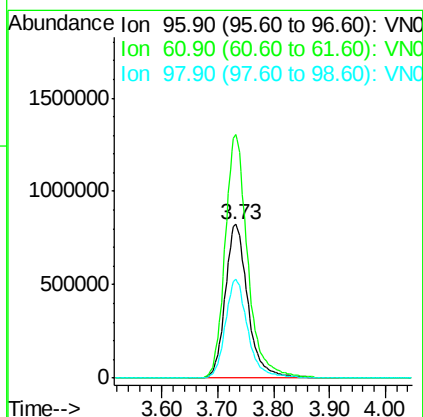
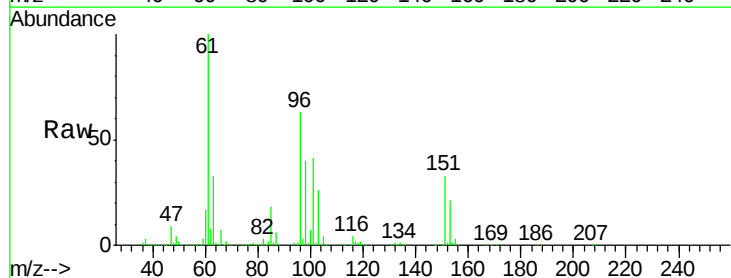
Tgt Ion: 59 Resp: 850262
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

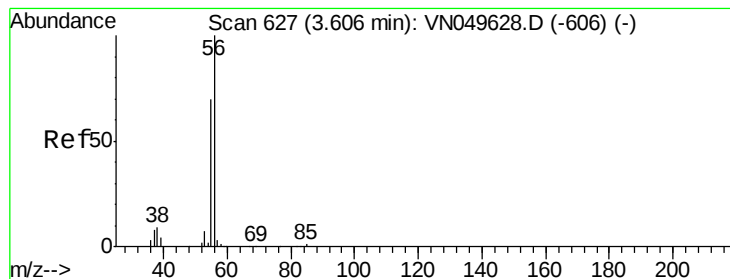


#12

1,1-Dichloroethene
 Concen: 136.742 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 96 Resp: 2328639
 Ion Ratio Lower Upper
 96 100
 61 158.1 126.5 189.7
 98 64.0 51.0 76.6





#13

Acrolein

Concen: 831.668 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

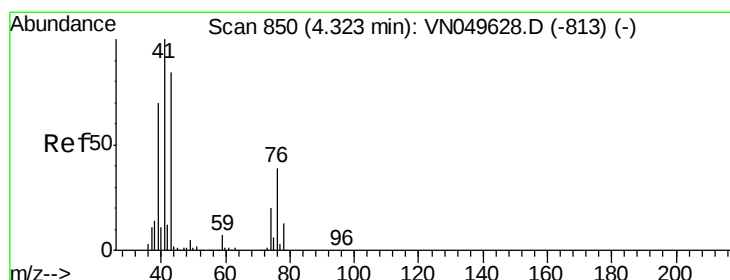
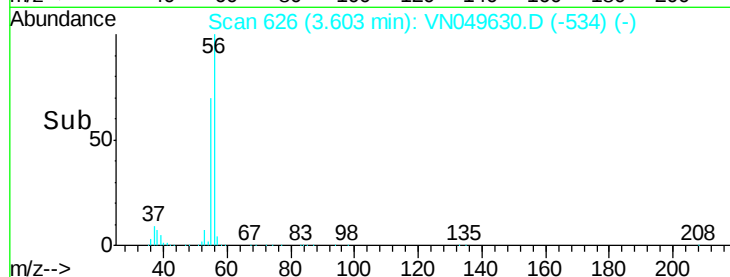
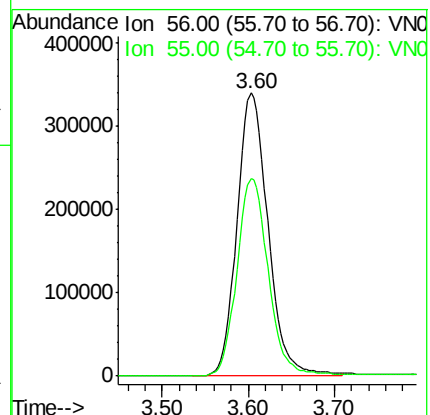
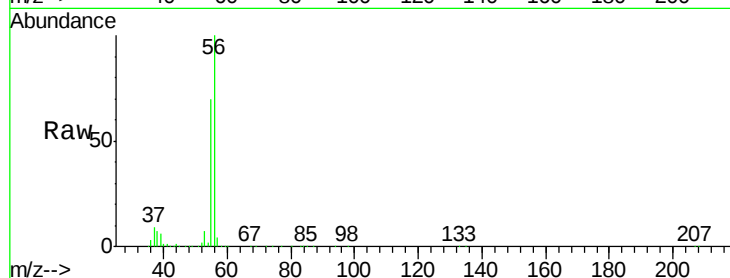
VSTDIC150

Tgt Ion: 56 Resp: 853544

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 131.030 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

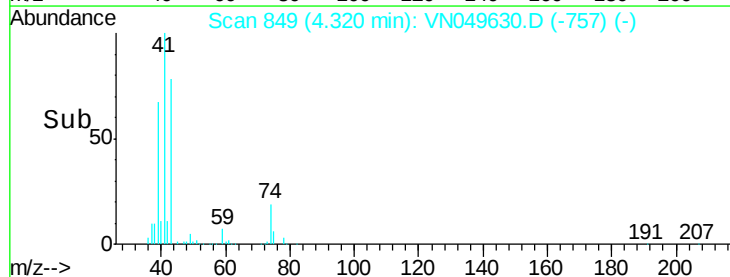
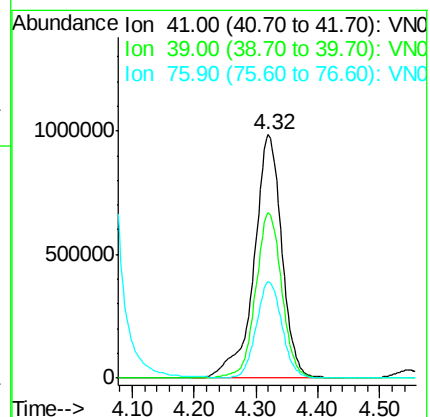
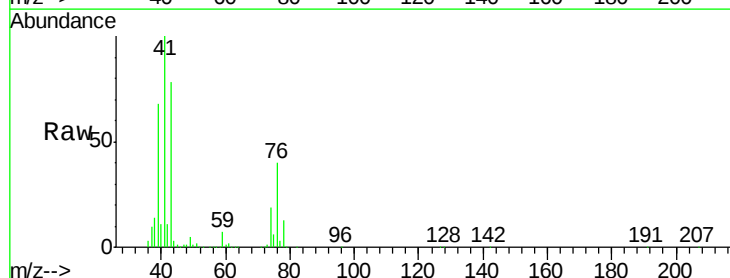
Tgt Ion: 41 Resp: 3065012

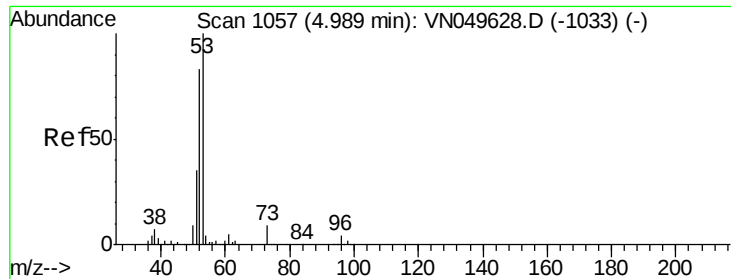
Ion Ratio Lower Upper

41 100

39 64.2 53.2 79.8

76 36.4 29.0 43.6





#15

Acrylonitrile

Concen: 753.668 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

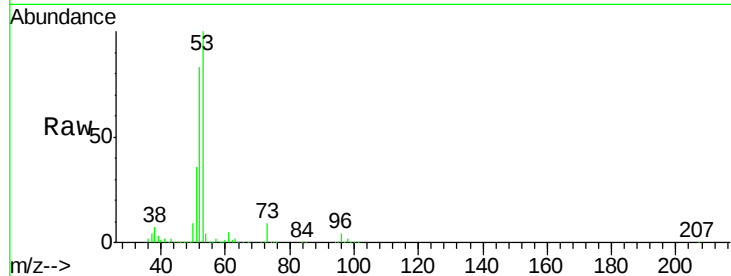
Tgt Ion: 53 Resp: 4276896

Ion Ratio Lower Upper

53 100

52 82.2 64.8 97.2

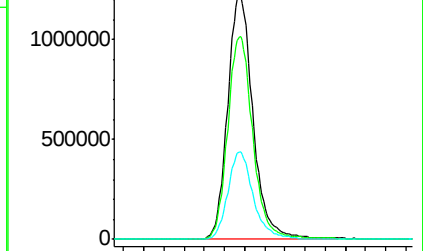
51 36.0 28.9 43.3



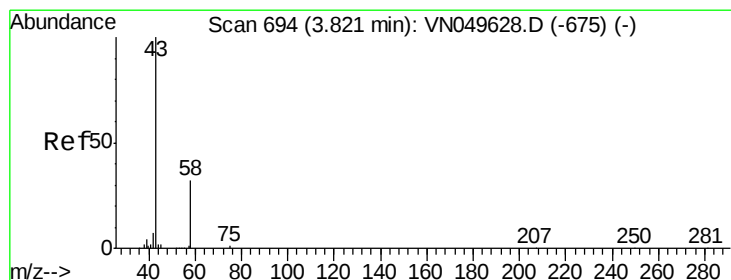
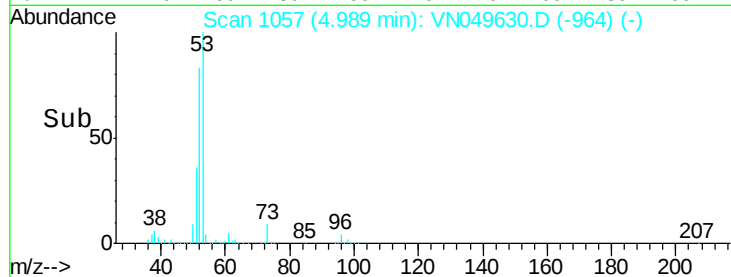
Abundance Ion 53.00 (52.70 to 53.70): VN049630.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN049630.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN049630.D (-964) (-)



Time-->



#16

Acetone

Concen: 582.942 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049630.D

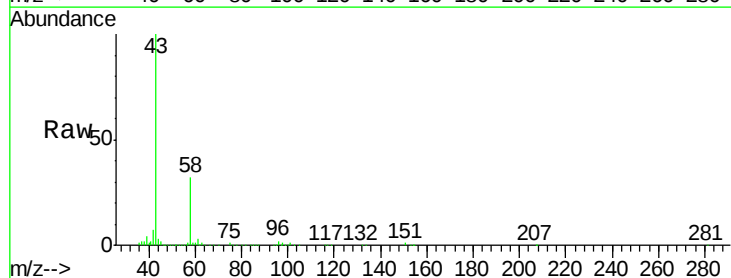
Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 2764481

Ion Ratio Lower Upper

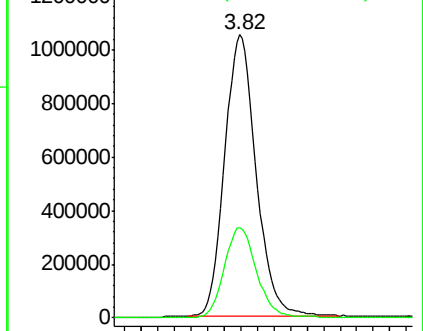
43 100

58 32.0 25.9 38.9

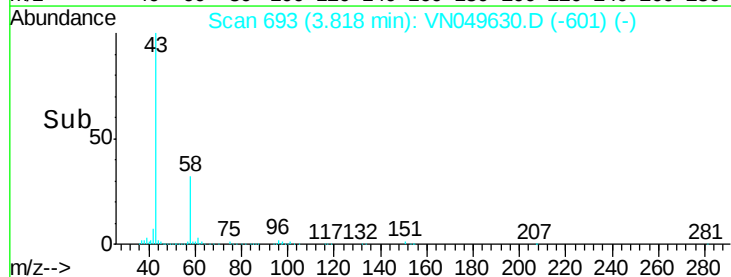


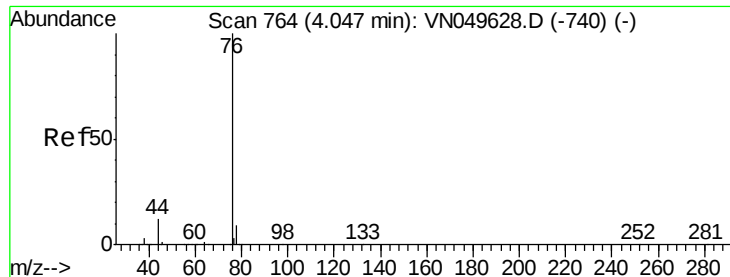
Abundance Ion 43.00 (42.70 to 43.70): VN049630.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049630.D (-601) (-)



Time-->

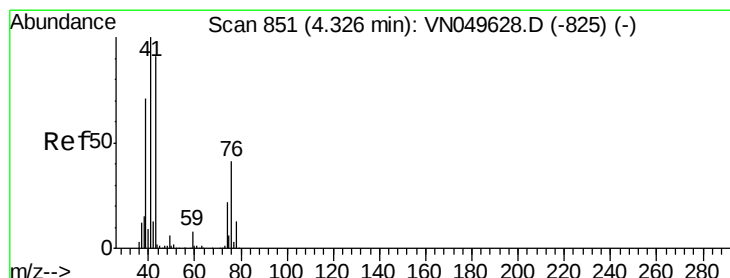
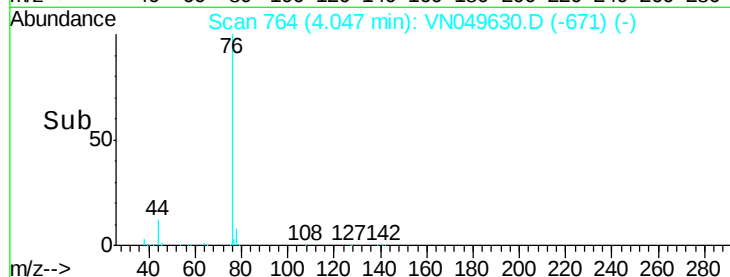
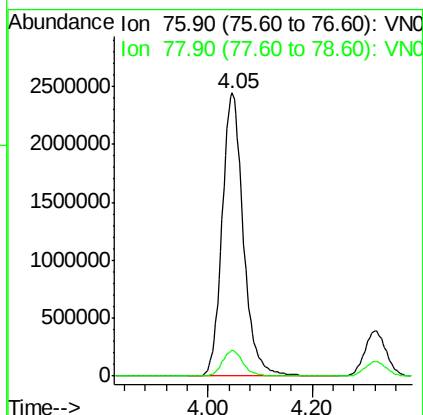
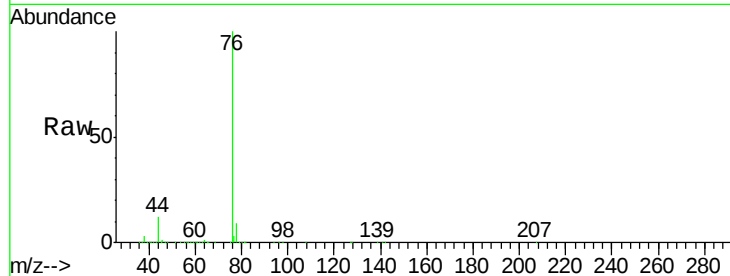




#17
Carbon Disulfide
Concen: 133.687 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

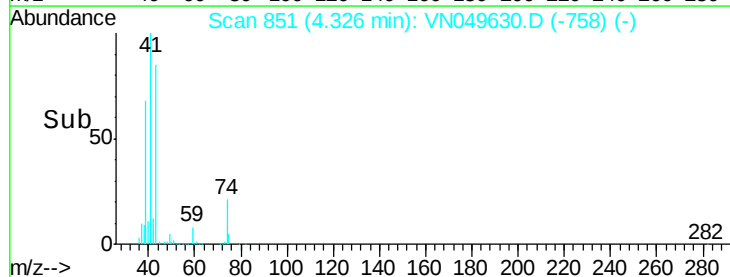
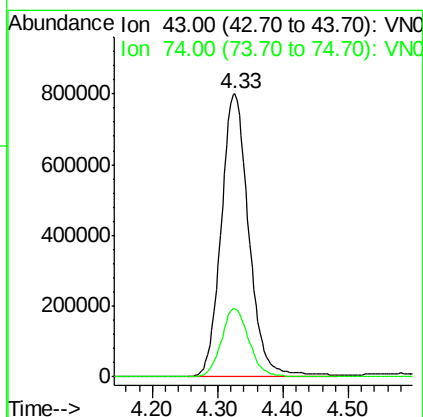
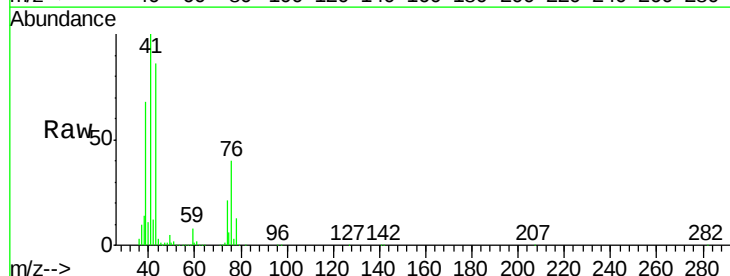
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

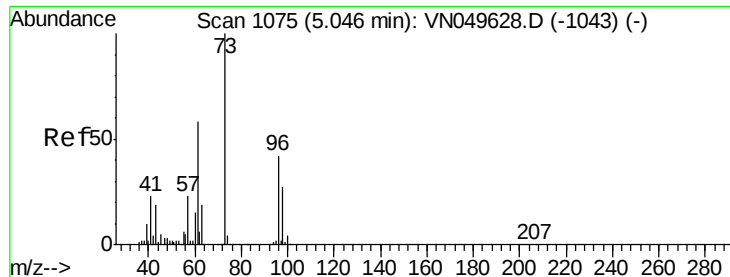
Tgt Ion: 76 Resp: 6901091
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 80.704 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 2328568
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



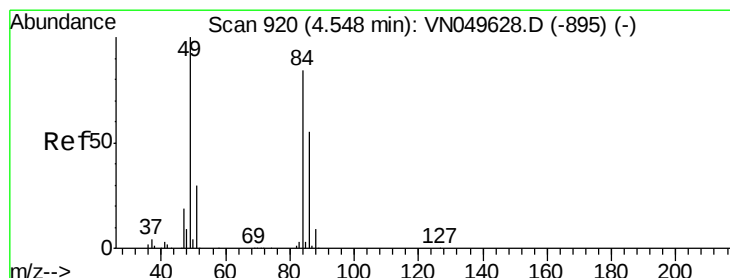
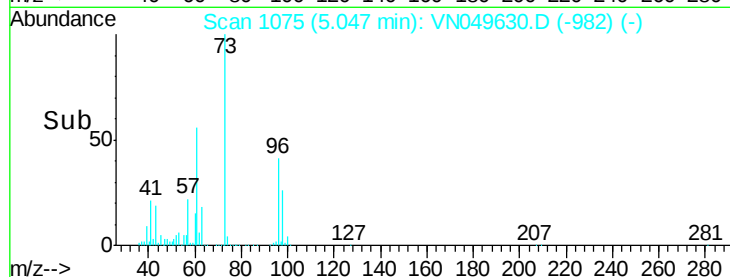
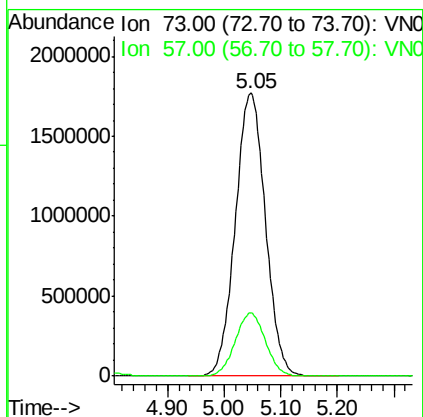
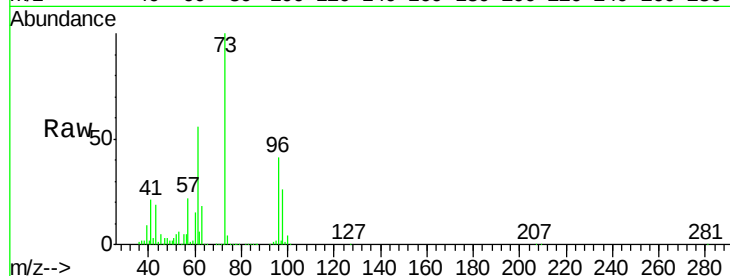


#19

Methyl tert-butyl Ether
 Concen: 149.204 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

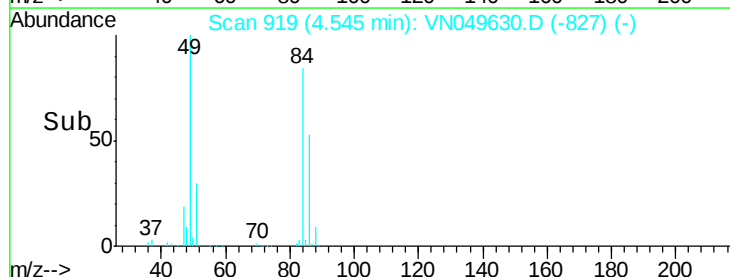
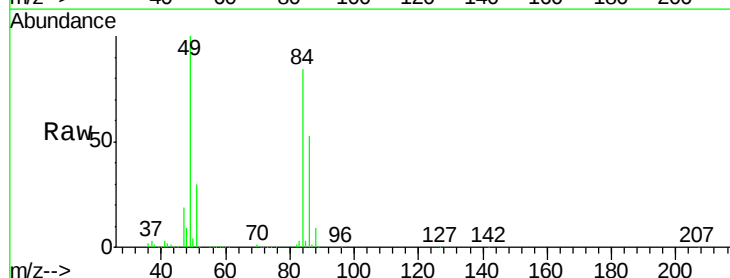
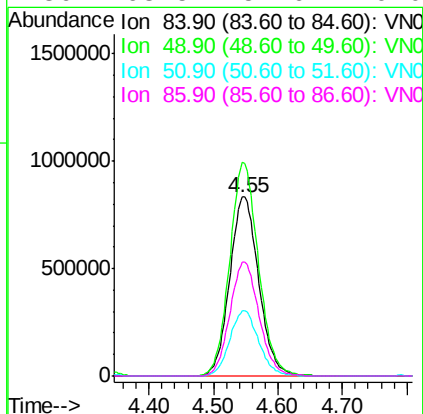
Tgt Ion: 73 Resp: 6550045
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.1 27.1

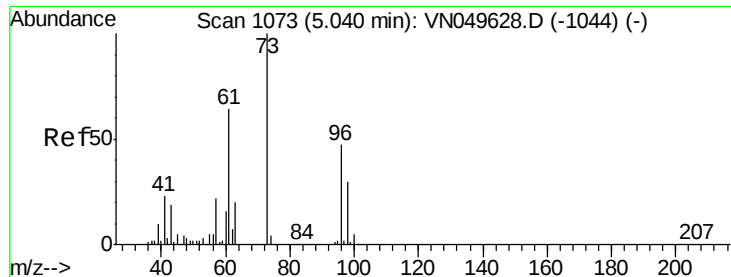


#20

Methylene Chloride
 Concen: 132.590 ug/l
 RT: 4.55 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 84 Resp: 2614221
 Ion Ratio Lower Upper
 84 100
 49 119.2 95.4 143.2
 51 36.4 28.4 42.6
 86 63.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 142.517 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

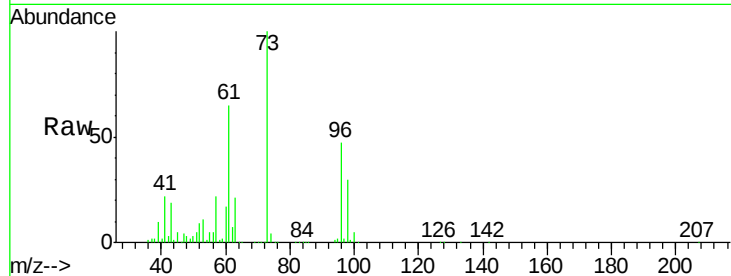
Tgt Ion: 96 Resp: 2497766

Ion Ratio Lower Upper

96 100

61 138.4 109.0 163.6

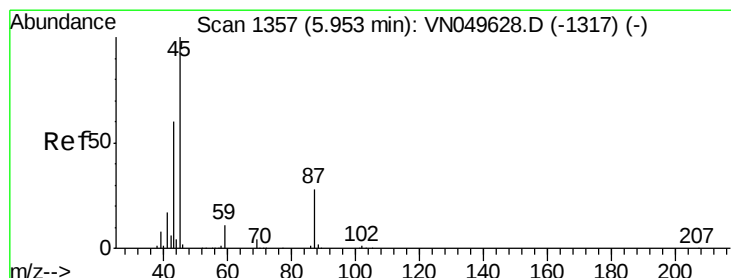
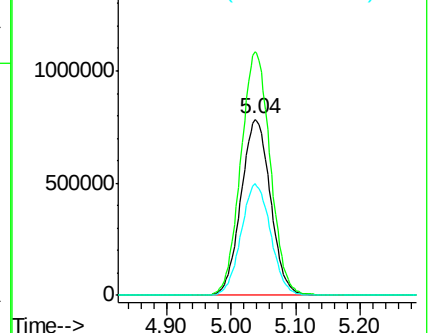
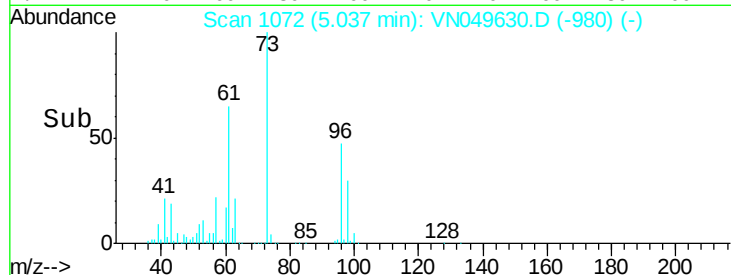
98 63.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049630.D (-980) (-)

Ion 60.90 (60.60 to 61.60): VN049630.D (-980) (-)

Ion 97.90 (97.60 to 98.60): VN049630.D (-980) (-)



#22

Diisopropyl ether

Concen: 149.121 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Tgt Ion: 45 Resp: 7891954

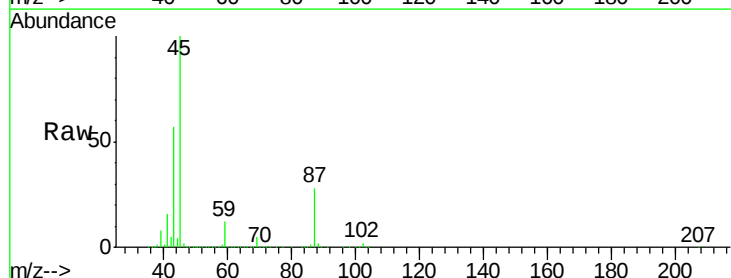
Ion Ratio Lower Upper

45 100

43 56.0 48.1 72.1

87 27.9 22.6 34.0

59 11.7 9.2 13.8

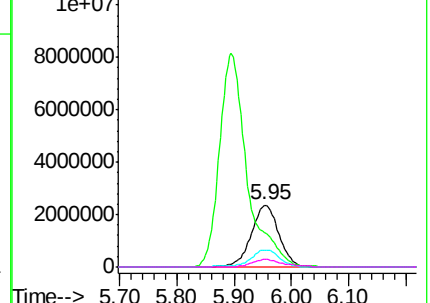
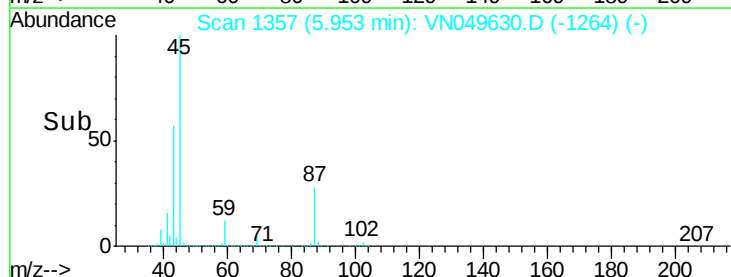


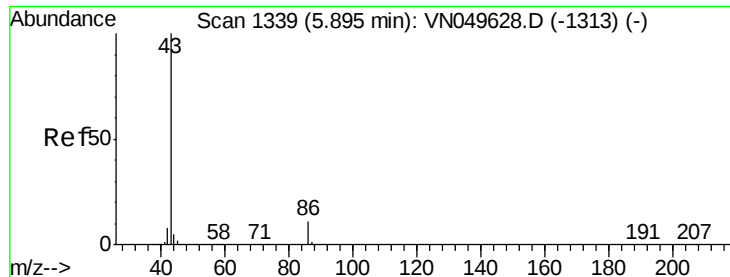
Abundance Ion 45.00 (44.70 to 45.70): VN049630.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN049630.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN049630.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN049630.D (-1264) (-)

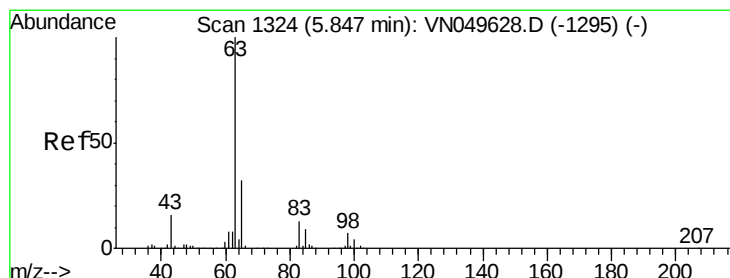
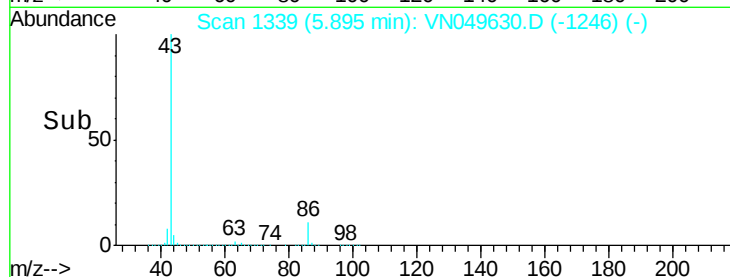
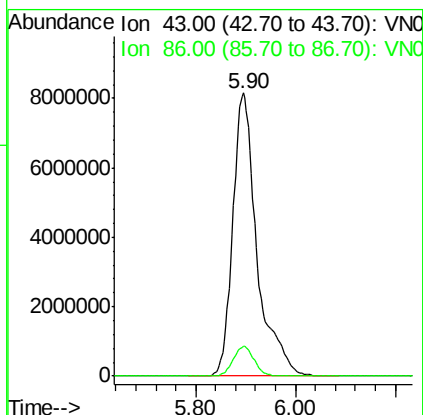
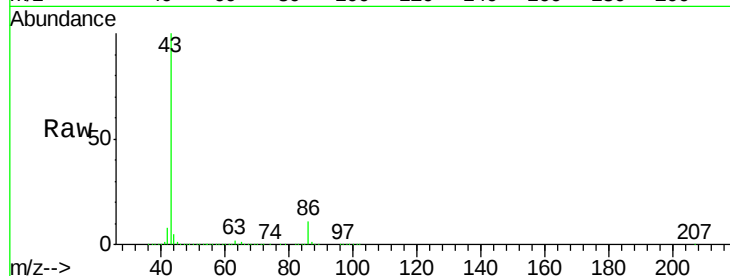




#23
 Vinyl Acetate
 Concen: 801.677 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

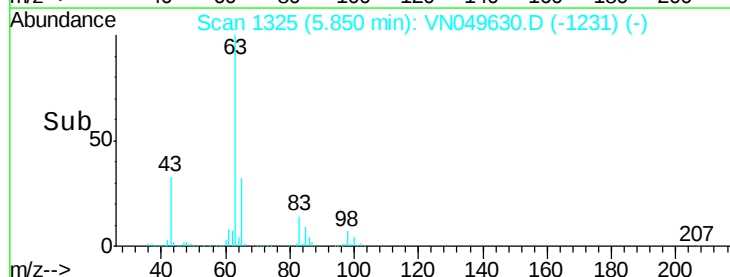
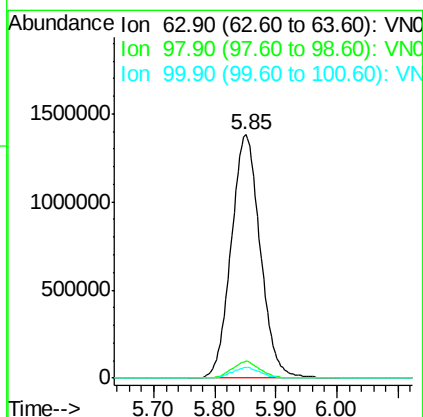
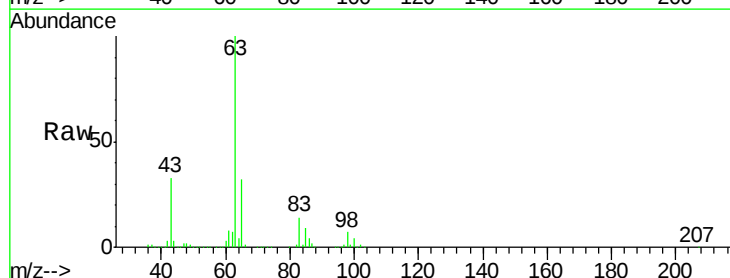
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

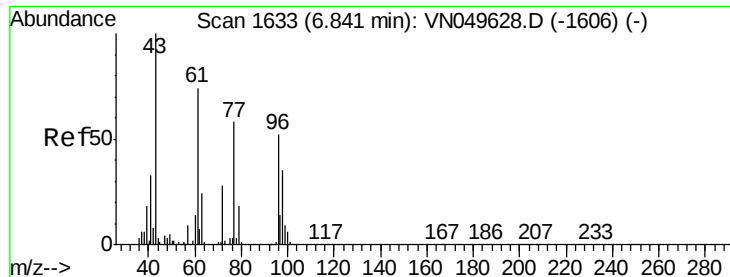
Tgt Ion: 43 Resp: 27512963
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 137.233 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 63 Resp: 4575387
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.3 2.2 6.6

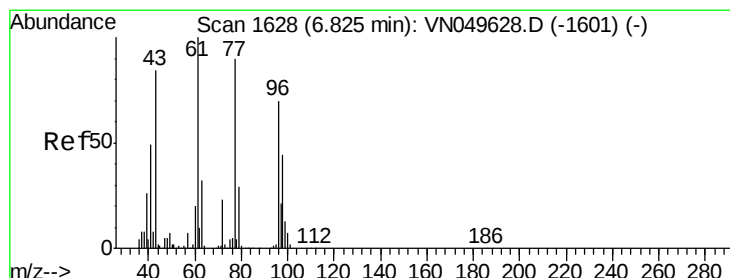
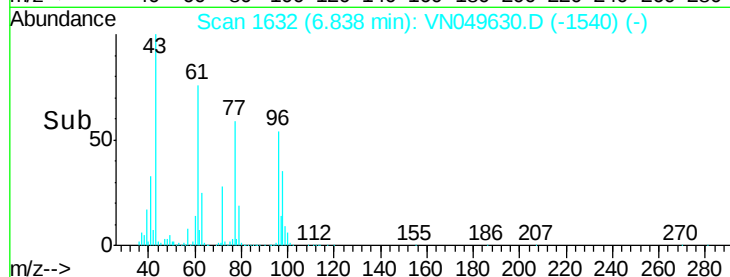
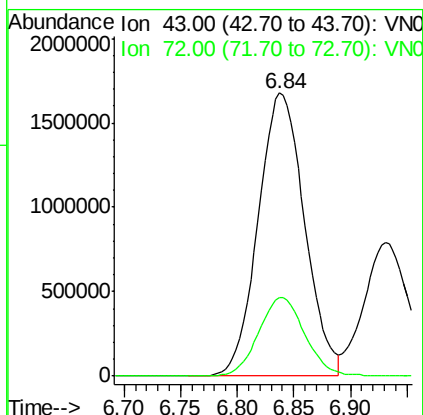
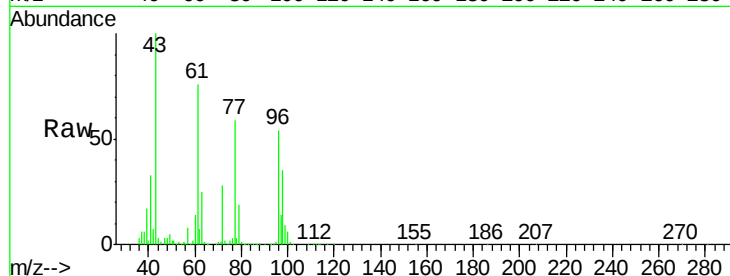




#25
2-Butanone
Concen: 747.754 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

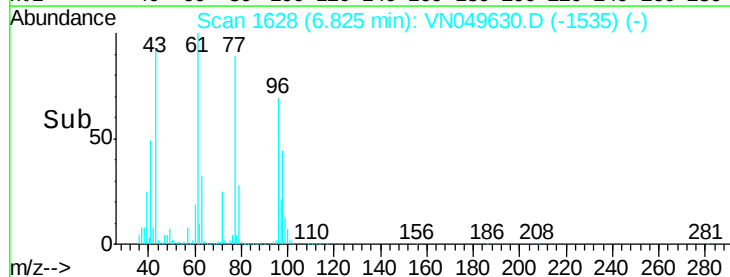
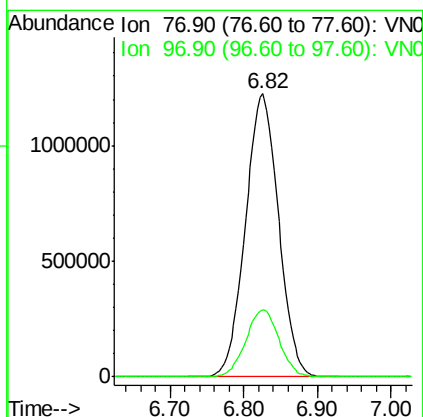
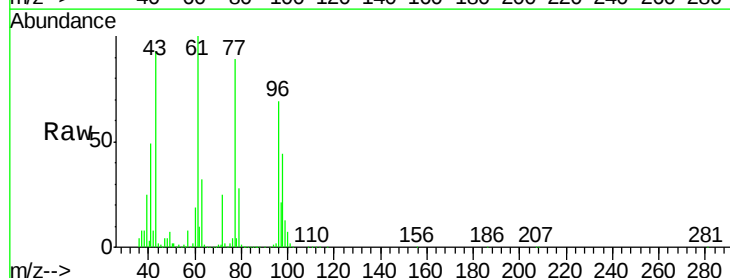
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

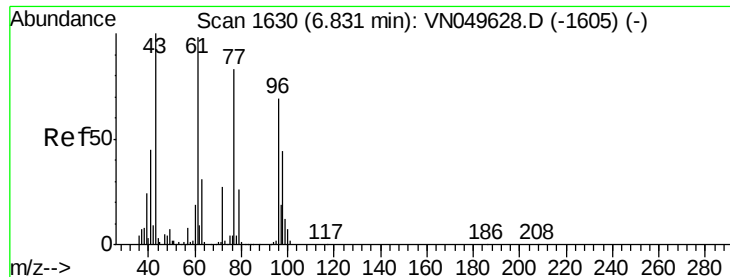
Tgt Ion: 43 Resp: 4753038
Ion Ratio Lower Upper
43 100
72 27.8 22.1 33.1



#26
2,2-Dichloropropane
Concen: 138.063 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 77 Resp: 3823075
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 146.987 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

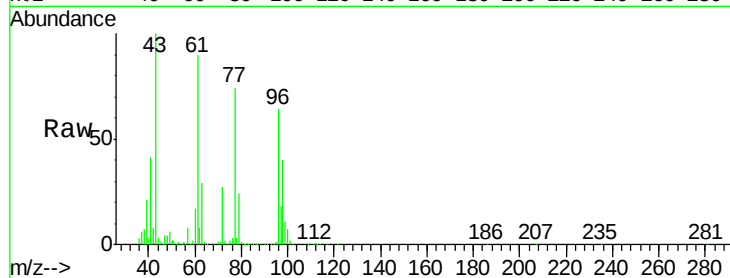
Tgt Ion: 96 Resp: 2877648

Ion Ratio Lower Upper

96 100

61 143.0 0.0 289.0

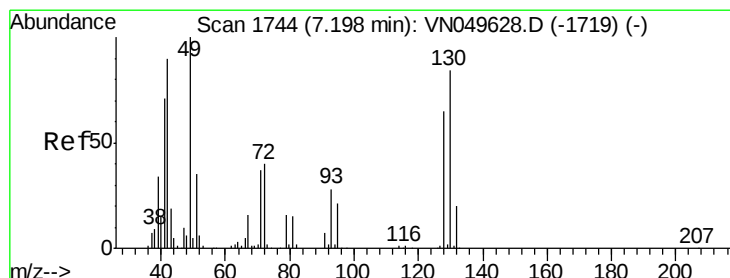
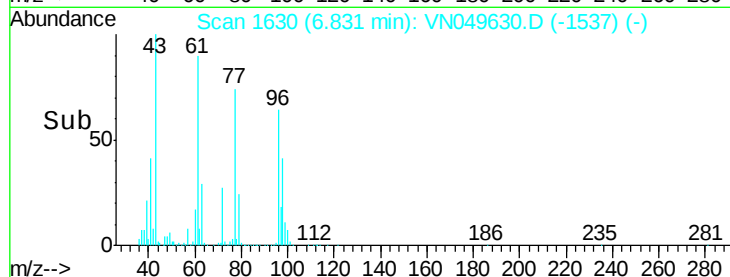
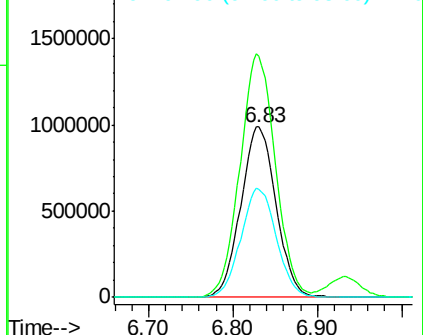
98 64.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN049628.D (-1605) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1605) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1605) (-)



#28

Bromochloromethane

Concen: 146.106 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

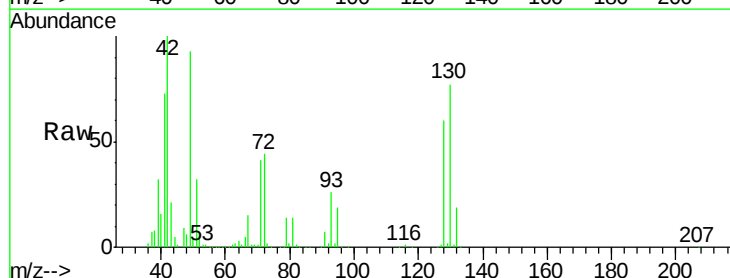
Tgt Ion: 49 Resp: 2067451

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

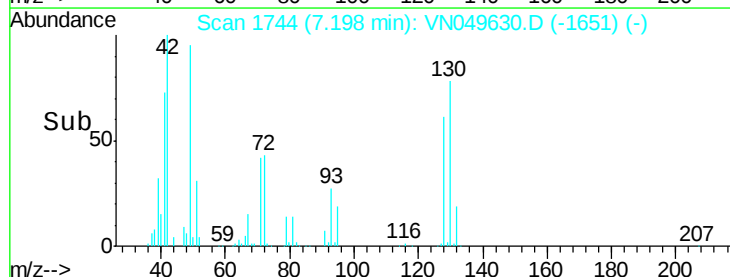
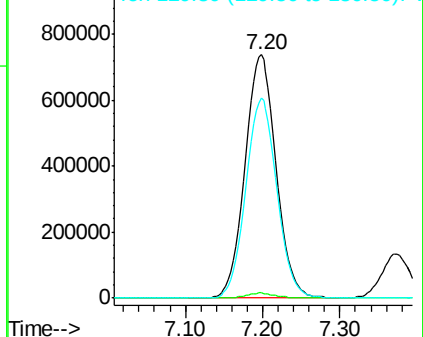
130 82.5 65.5 98.3

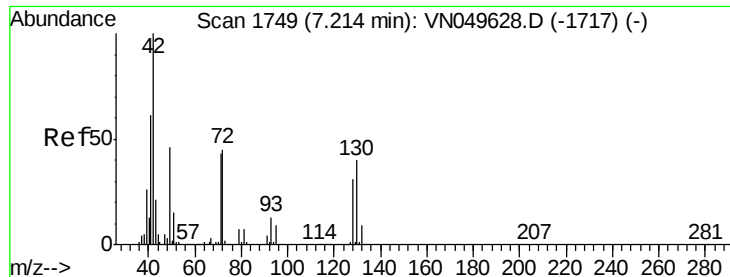


Abundance Ion 48.90 (48.60 to 49.60): VN049628.D (-1719) (-)

Ion 128.80 (128.50 to 129.50): VN049628.D (-1719) (-)

Ion 129.80 (129.50 to 130.50): VN049628.D (-1719) (-)





#29

Tetrahydrofuran

Concen: 787.092 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

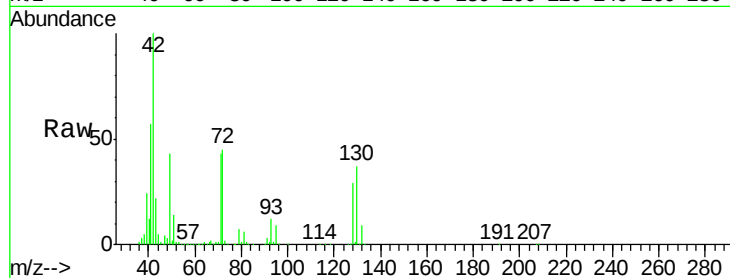
Tgt Ion: 42 Resp: 3188793

Ion Ratio Lower Upper

42 100

72 44.5 35.6 53.4

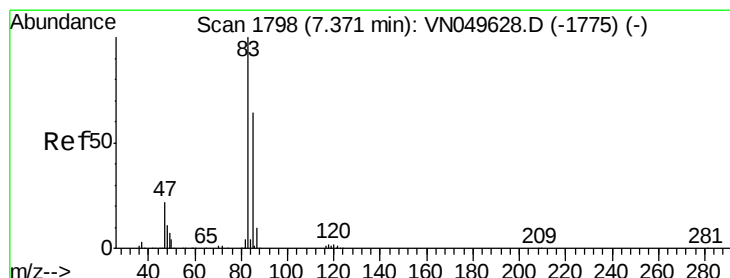
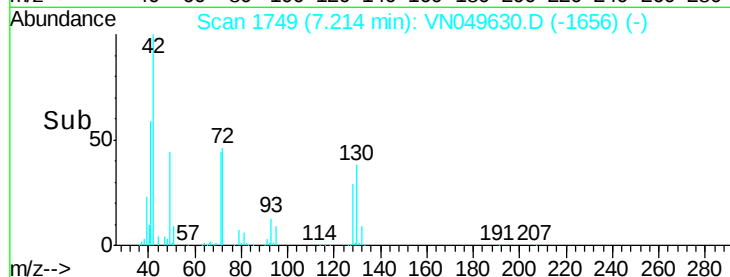
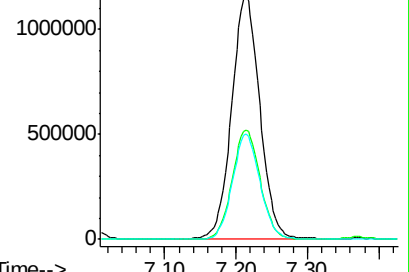
71 42.4 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN049628.D (-1717) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1717) (-)

Ion 71.00 (70.70 to 71.70): VN049628.D (-1717) (-)



#30

Chloroform

Concen: 137.844 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN049630.D

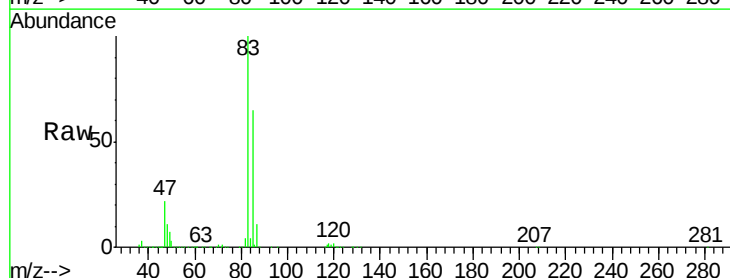
Acq: 29 Jun 2018 13:02

Tgt Ion: 83 Resp: 4684837

Ion Ratio Lower Upper

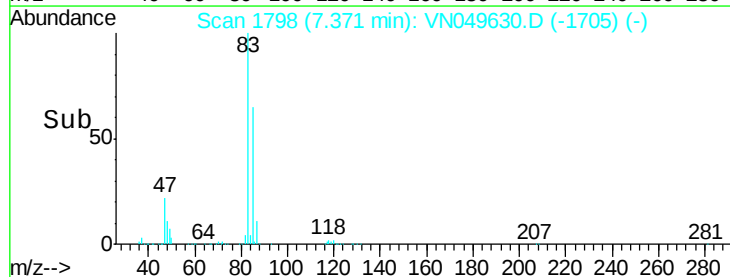
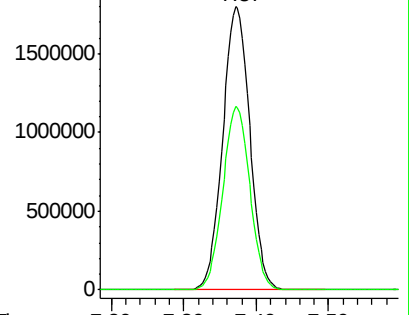
83 100

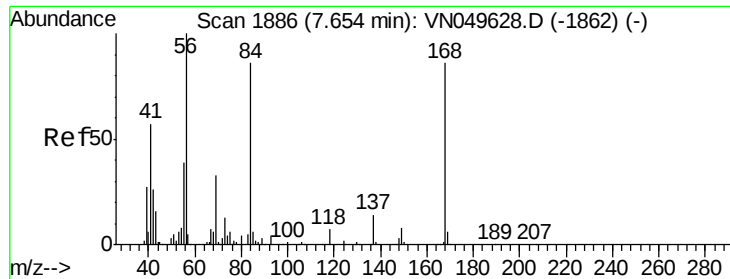
85 64.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-1775) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-1775) (-)

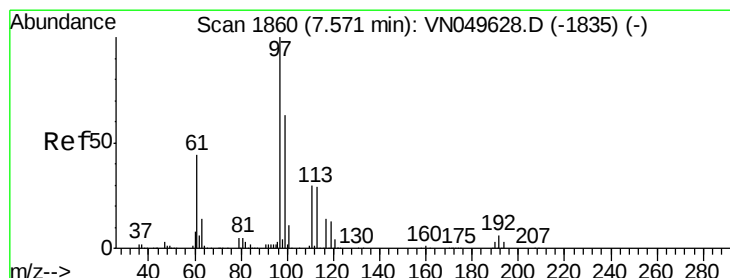
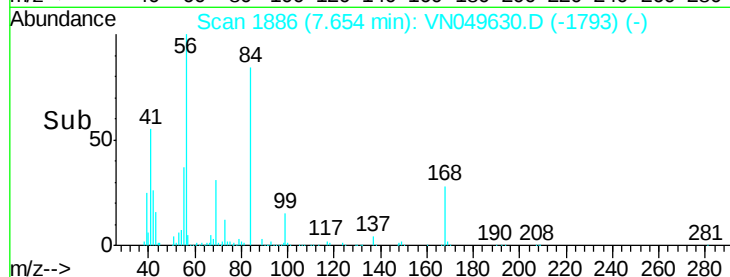
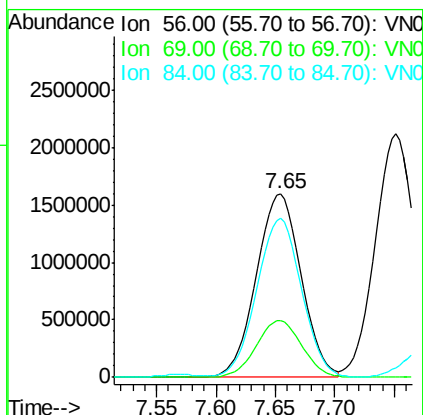
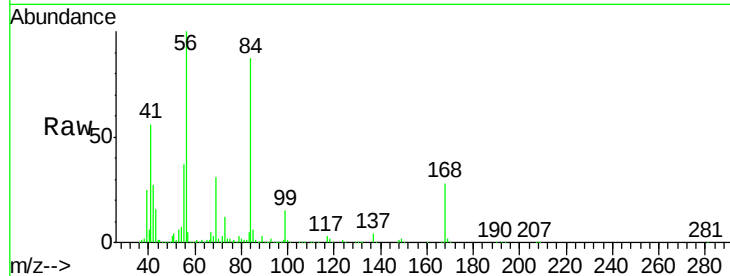




#31
Cyclohexane
Concen: 127.179 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

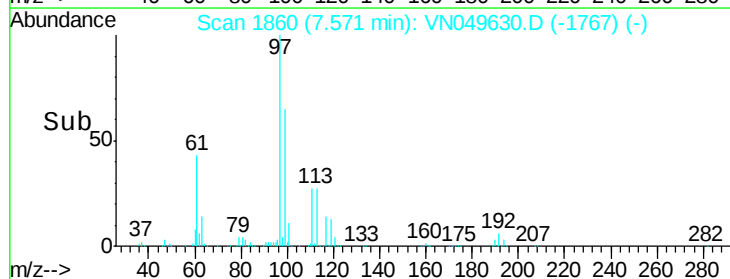
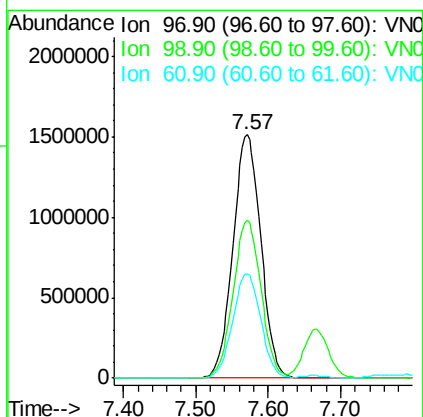
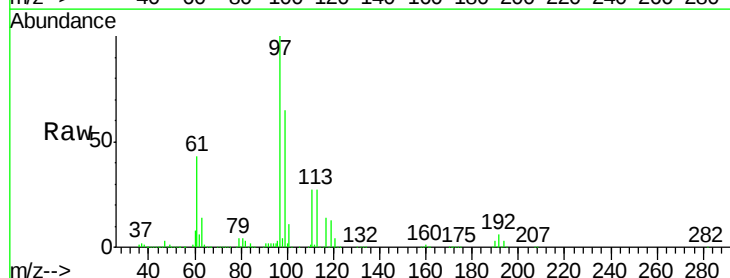
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

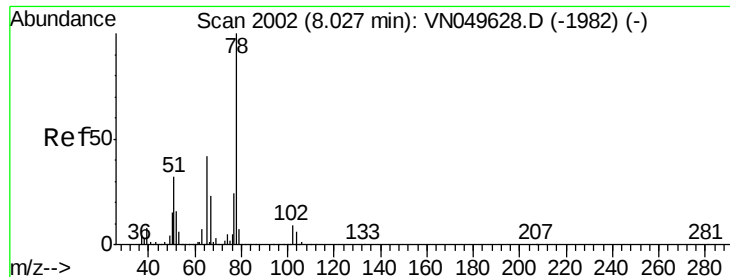
Tgt Ion: 56 Resp: 4175466
Ion Ratio Lower Upper
56 100
69 30.9 26.6 40.0
84 85.2 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 140.926 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 97 Resp: 4054996
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.1 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 143.613 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

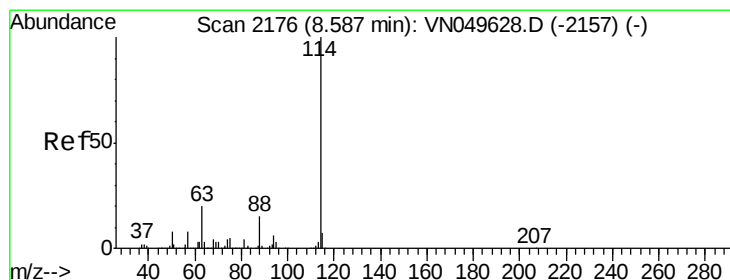
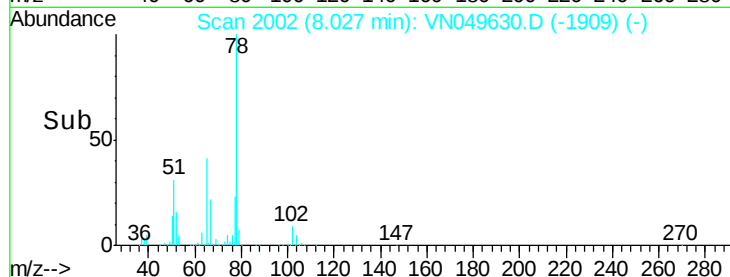
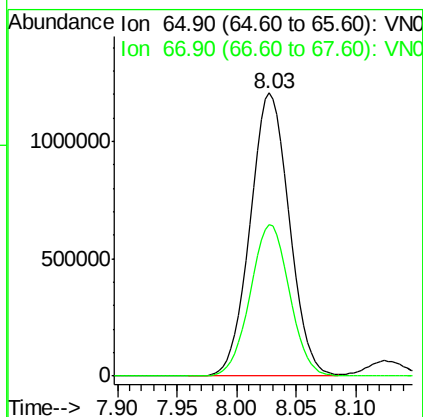
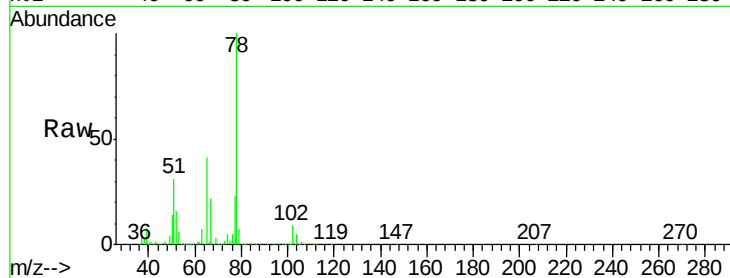
VSTDIC150

Tgt Ion: 65 Resp: 2749771

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

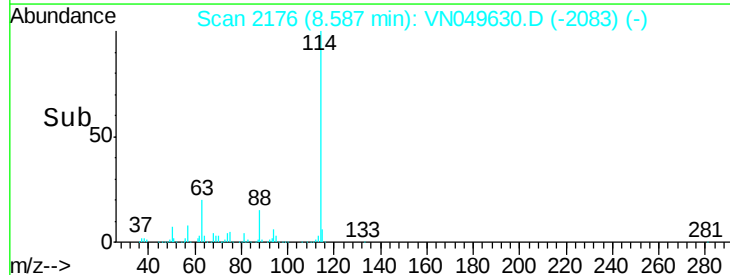
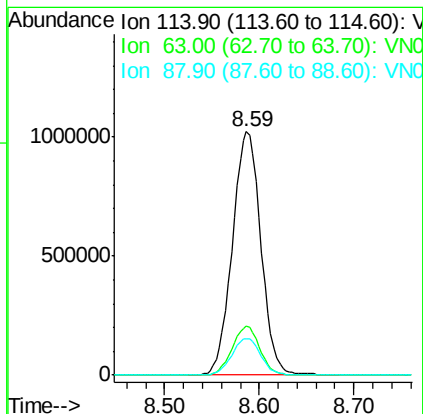
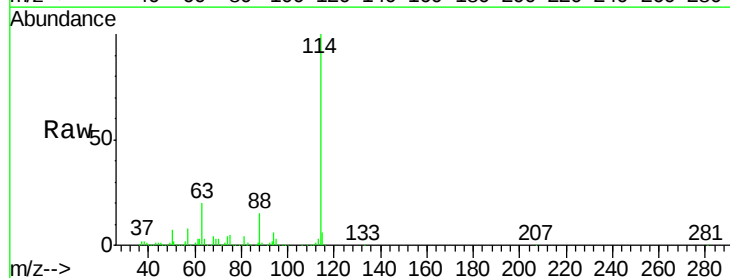
Tgt Ion: 114 Resp: 2139879

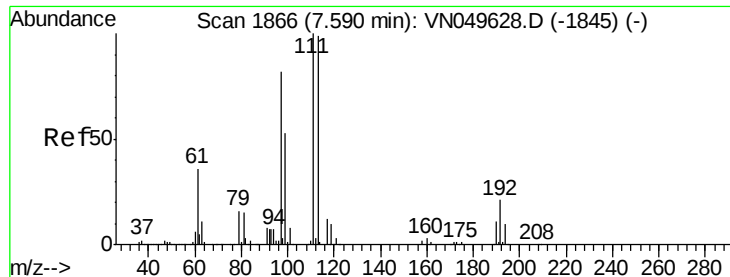
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.0 0.0 30.6

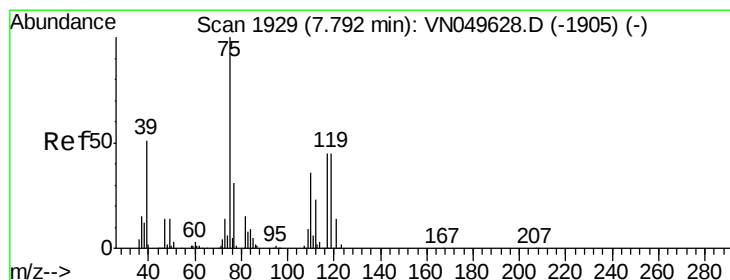
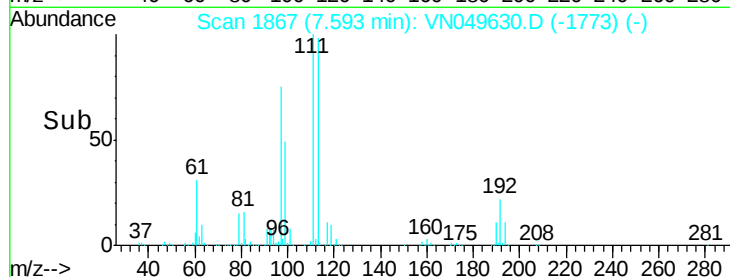
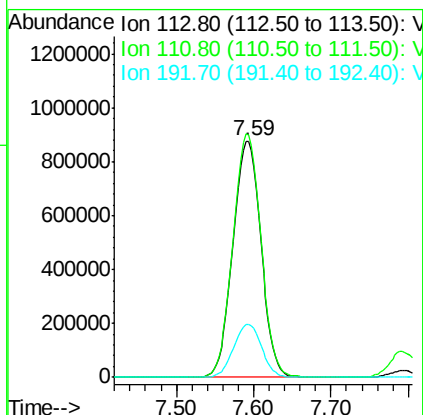
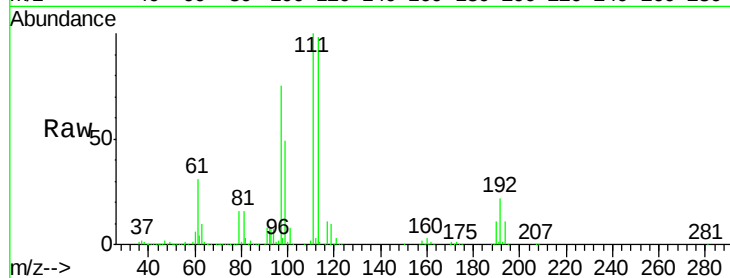




#35
 Dibromofluoromethane
 Concen: 137.730 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

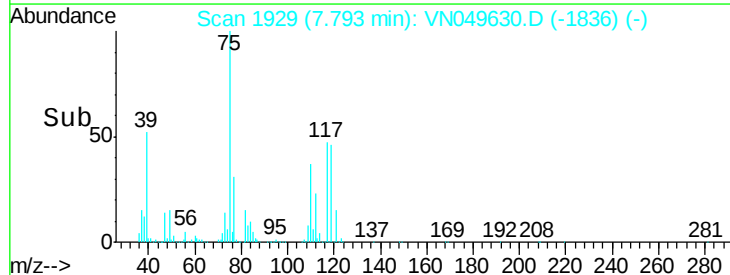
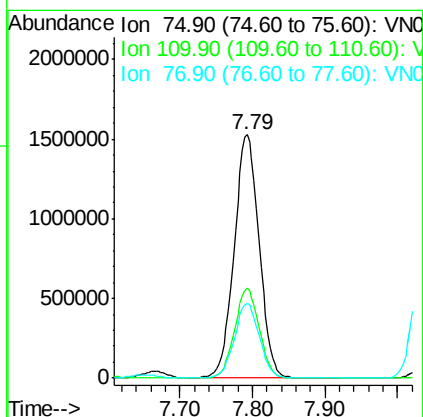
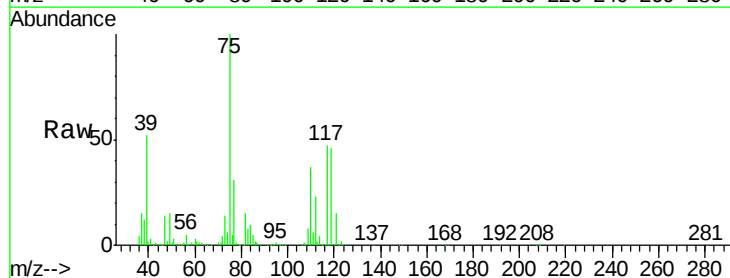
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

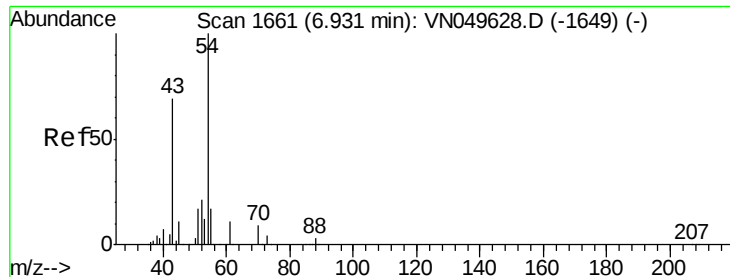
Tgt Ion:113 Resp: 2203387
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 151.645 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 75 Resp: 3650829
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 30.9 24.9 37.3

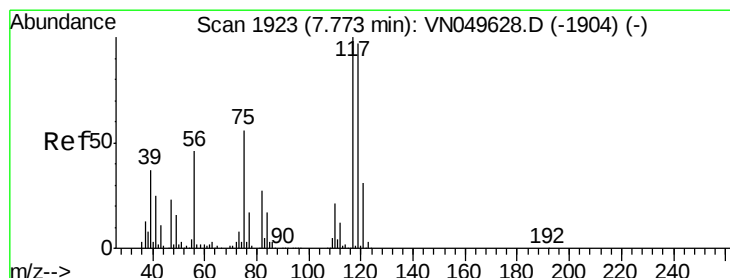
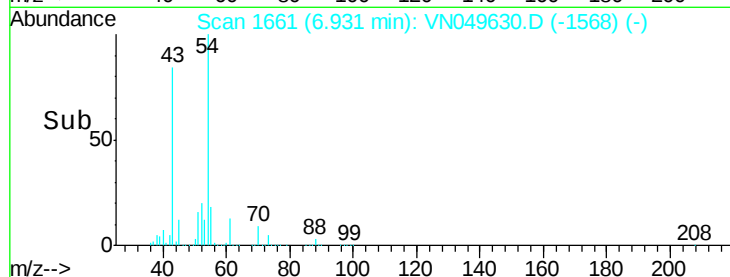
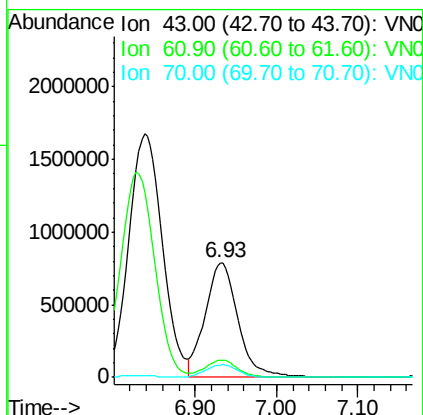
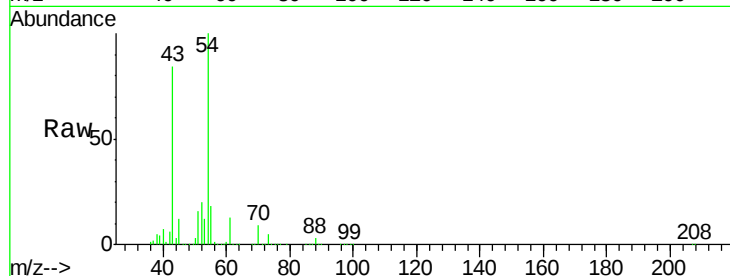




#37
 Ethyl Acetate
 Concen: 157.381 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

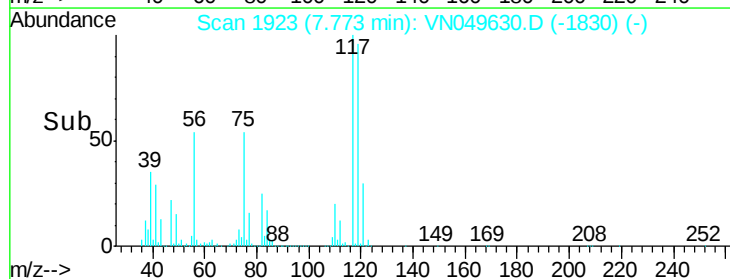
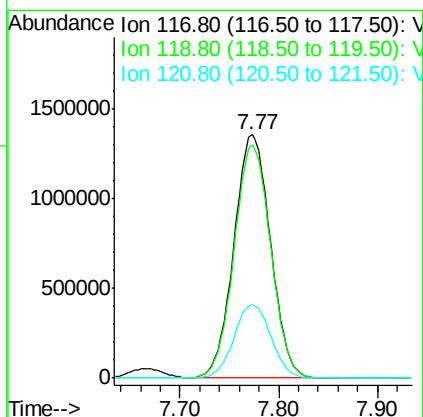
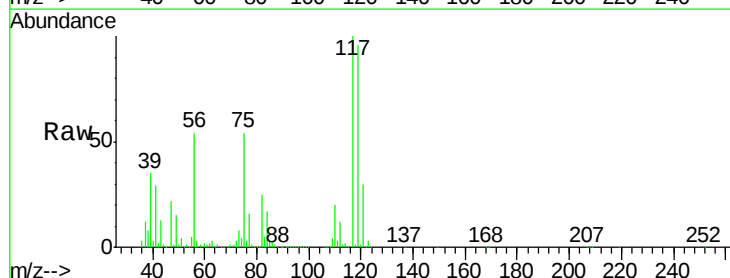
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

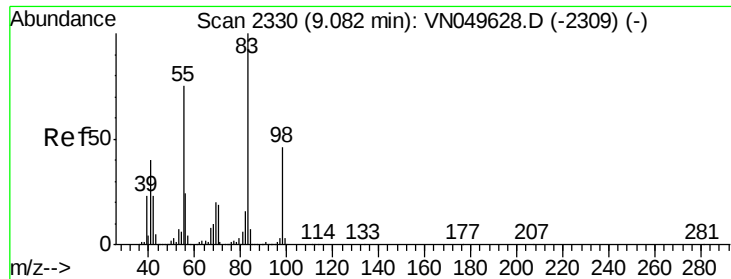
Tgt Ion: 43 Resp: 2209965
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.7 17.5
 70 10.7 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 148.138 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 117 Resp: 3469255
 Ion Ratio Lower Upper
 117 100
 119 95.7 77.2 115.8
 121 30.1 25.0 37.6

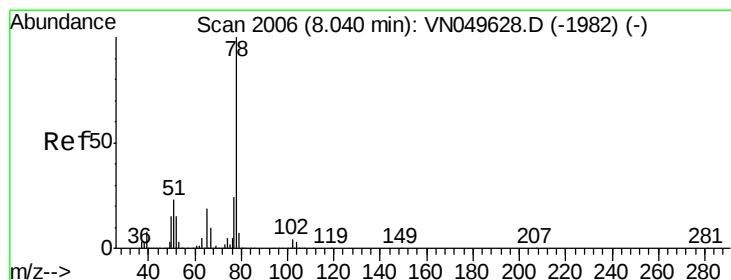
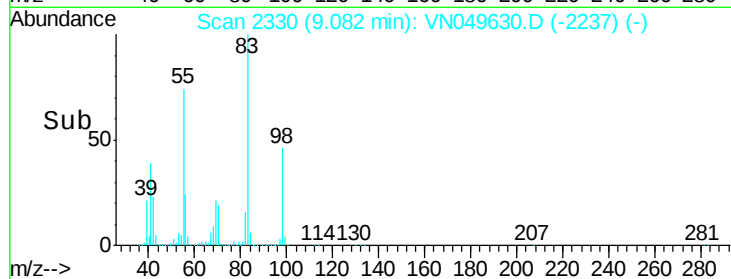
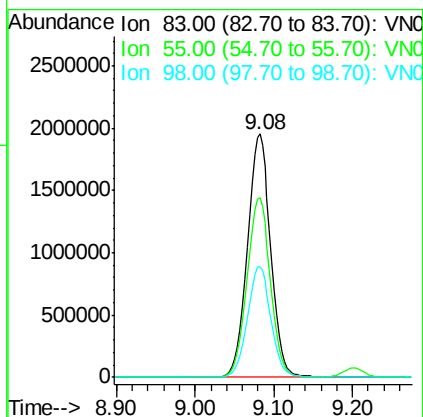
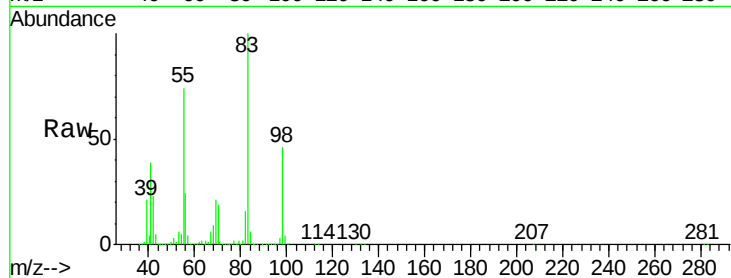




#39
Methylcyclohexane
Concen: 154.775 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

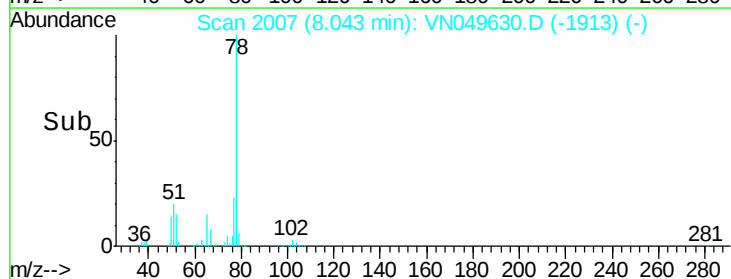
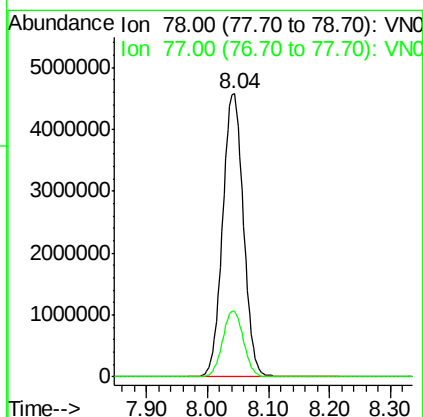
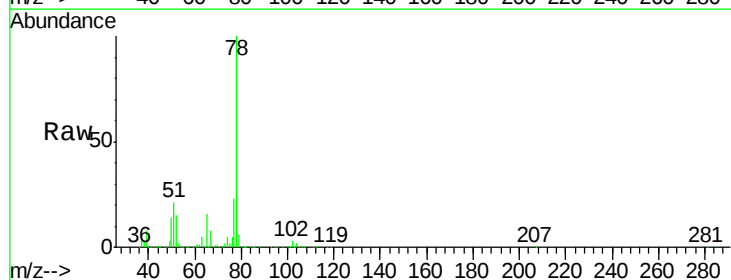
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

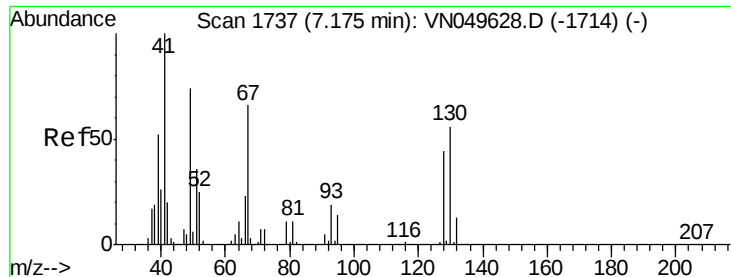
Tgt Ion: 83 Resp: 4085456
Ion Ratio Lower Upper
83 100
55 73.9 59.7 89.5
98 45.5 36.5 54.7



#40
Benzene
Concen: 146.451 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 78 Resp: 10765923
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

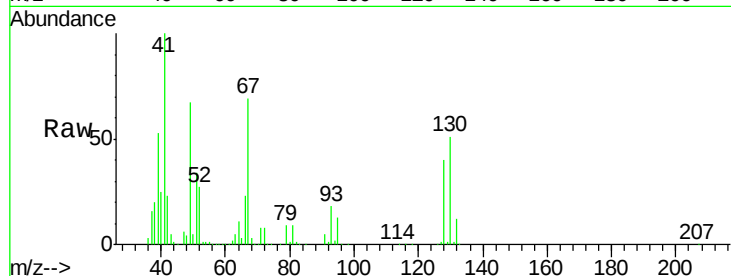




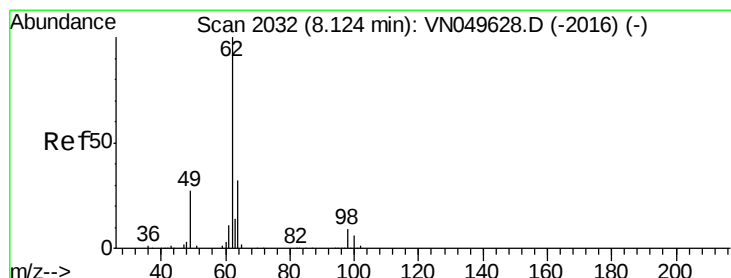
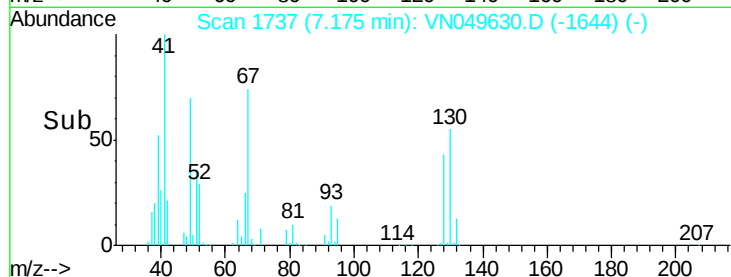
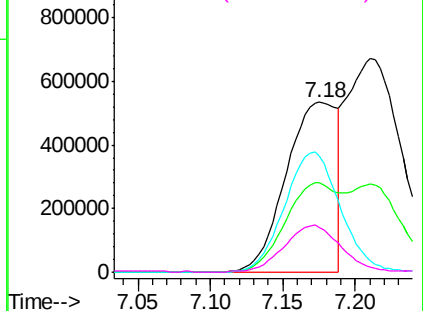
#41
Methacrylonitrile
Concen: 172.756 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 41 Resp: 1294913
Ion Ratio Lower Upper
41 100
39 55.8 45.4 68.2
67 78.8 65.4 98.0
52 30.7 24.7 37.1

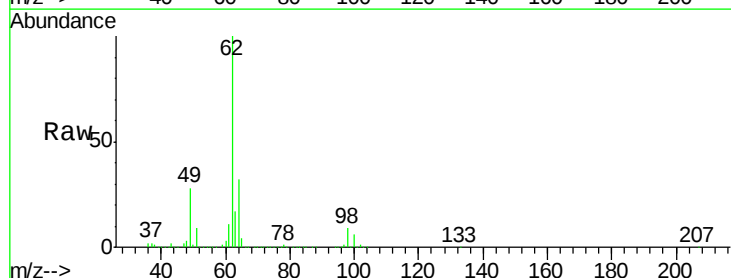


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

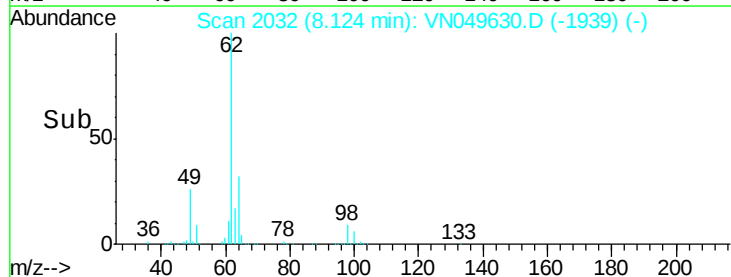
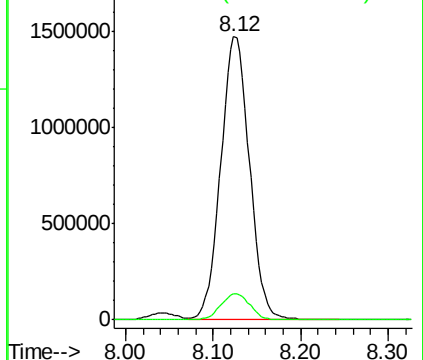


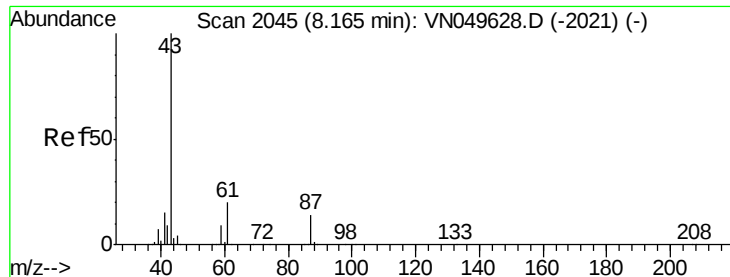
#42
1,2-Dichloroethane
Concen: 142.665 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 62 Resp: 3347025
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 124.010 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

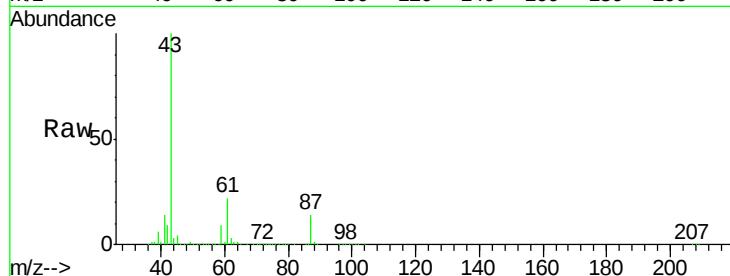
Tgt Ion: 43 Resp: 4114405

Ion Ratio Lower Upper

43 100

61 29.0 14.9 22.3#

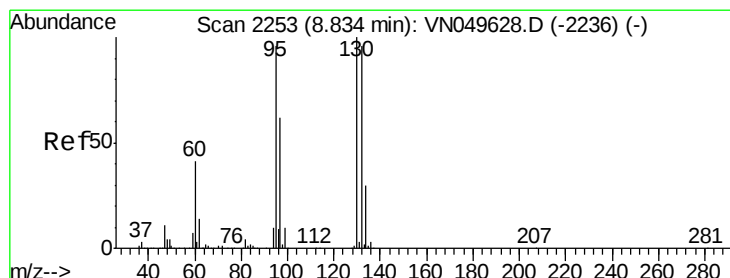
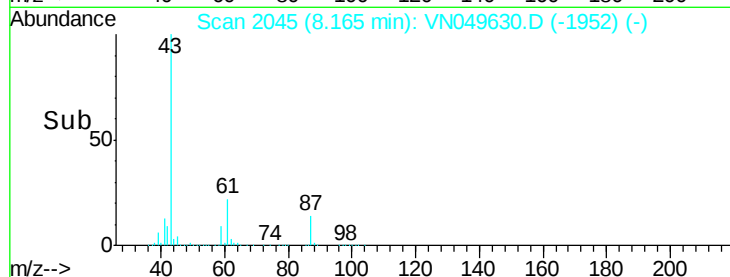
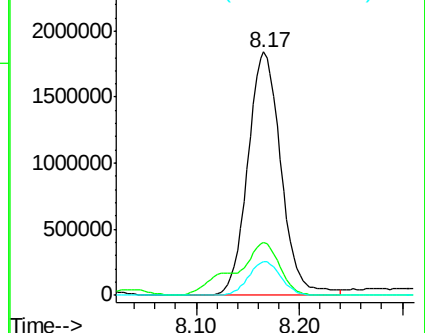
87 13.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 141.720 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049630.D

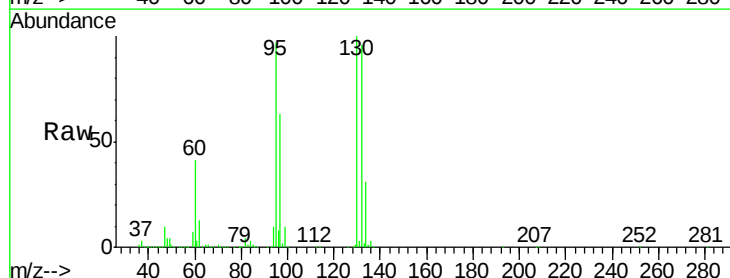
Acq: 29 Jun 2018 13:02

Tgt Ion: 130 Resp: 3141874

Ion Ratio Lower Upper

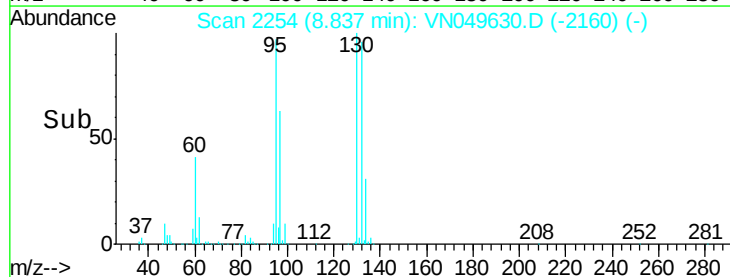
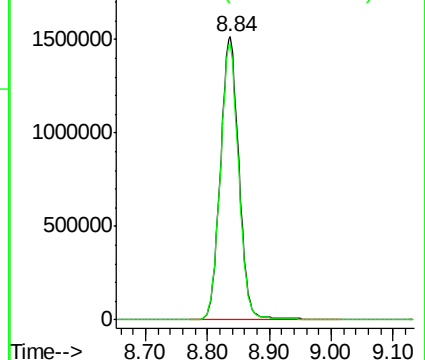
130 100

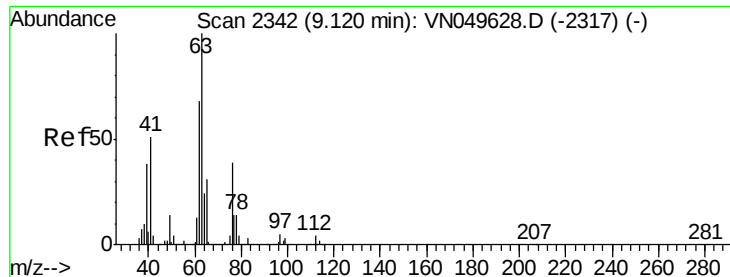
95 97.5 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 147.824 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

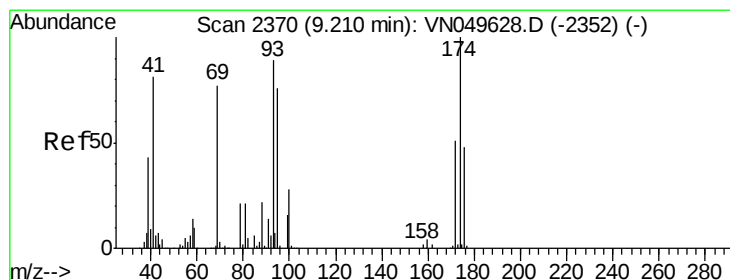
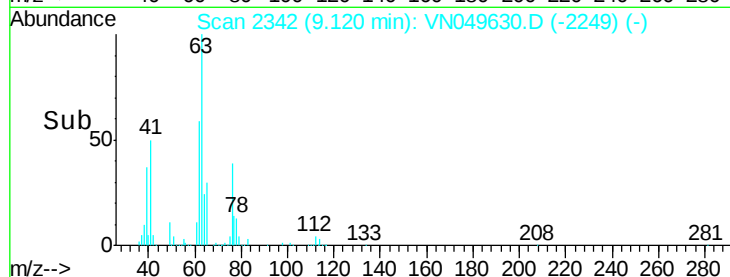
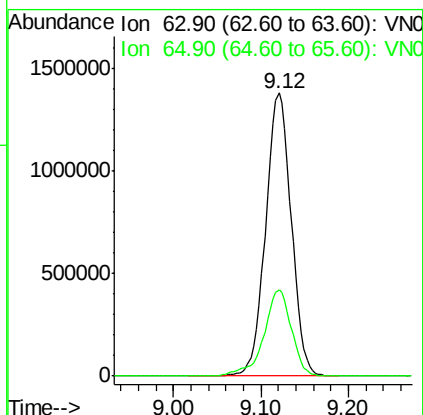
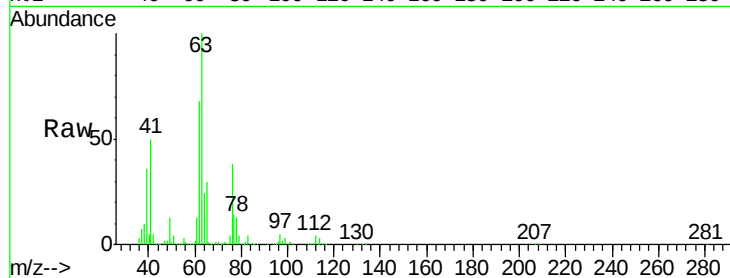
VSTDIC150

Tgt Ion: 63 Resp: 2807569

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 146.490 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

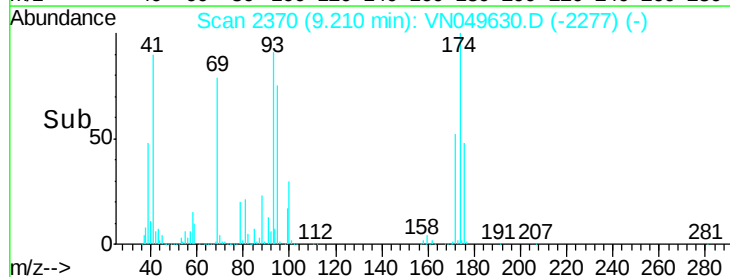
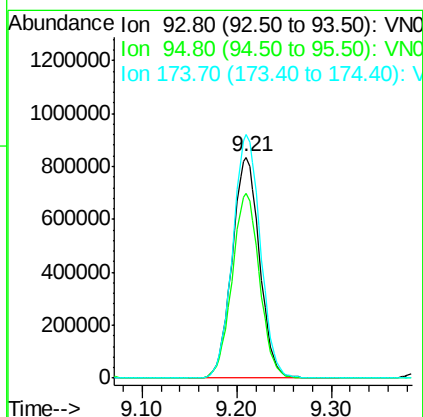
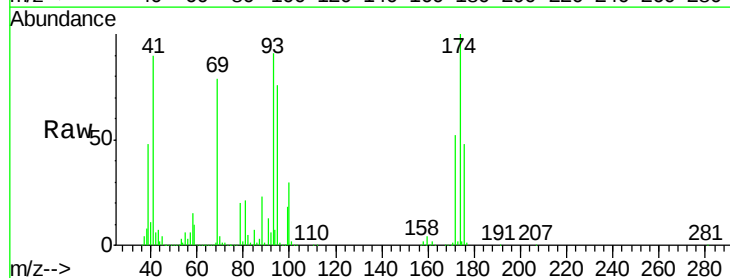
Tgt Ion: 93 Resp: 1683185

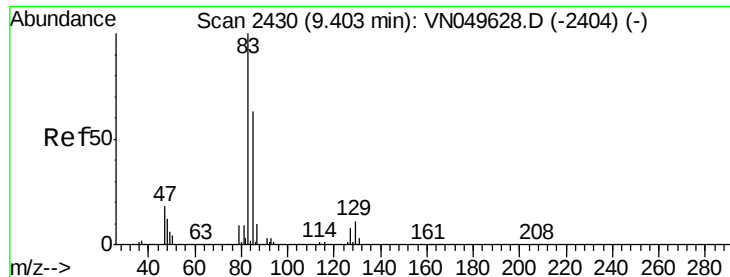
Ion Ratio Lower Upper

93 100

95 83.5 67.9 101.9

174 111.0 89.4 134.0





#47

Bromodichloromethane

Concen: 147.707 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

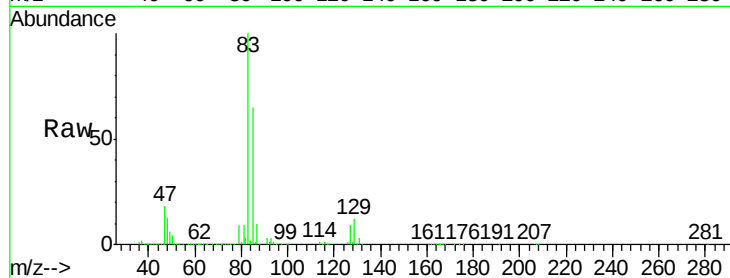
Tgt Ion: 83 Resp: 3612878

Ion Ratio Lower Upper

83 100

85 65.0 50.5 75.7

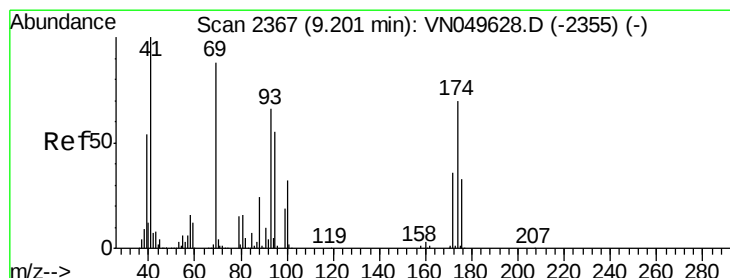
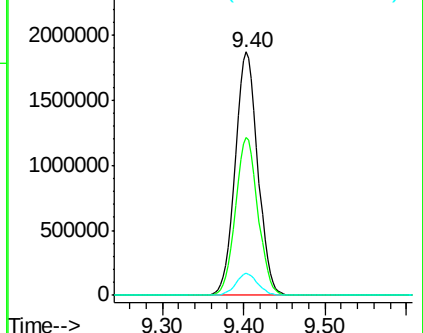
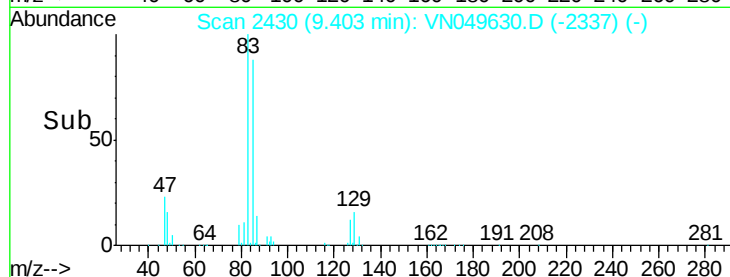
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049630.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049630.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049630.D (-2337) (-)



#48

Methyl methacrylate

Concen: 161.881 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

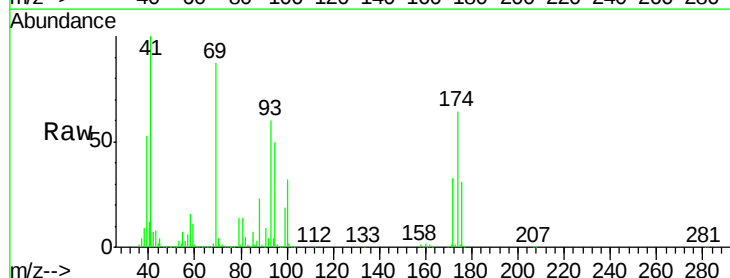
Tgt Ion: 41 Resp: 2019984

Ion Ratio Lower Upper

41 100

69 90.9 71.5 107.3

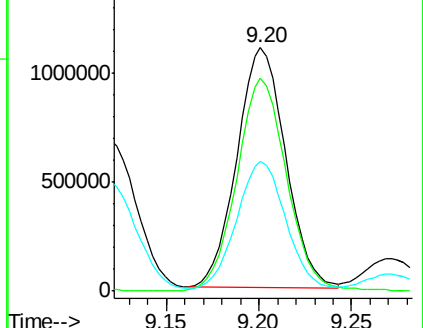
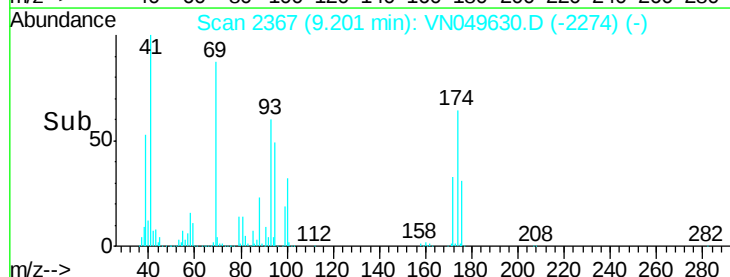
39 55.1 44.7 67.1

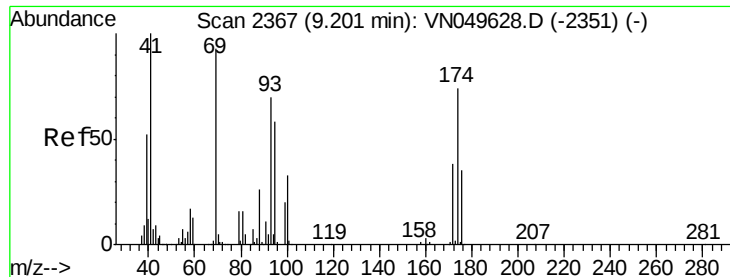


Abundance Ion 41.00 (40.70 to 41.70): VN049630.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049630.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049630.D (-2274) (-)

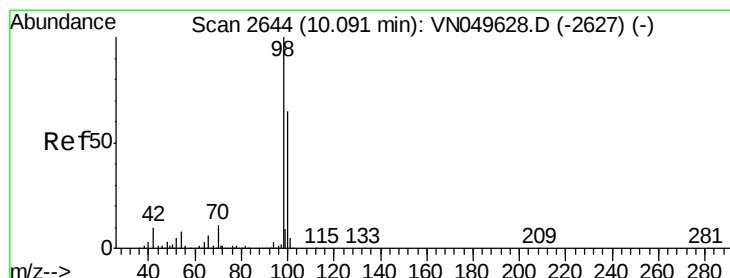
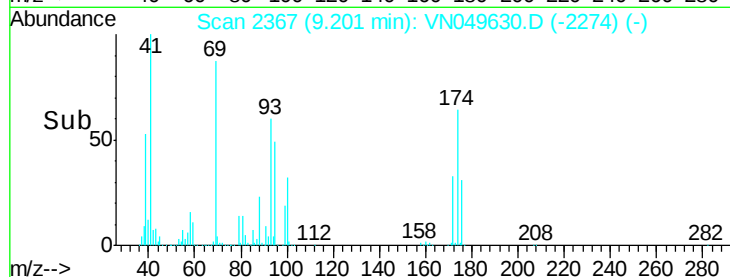
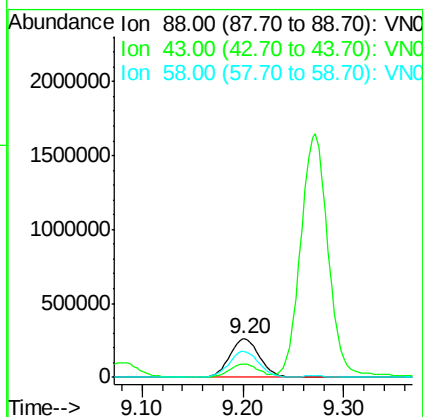
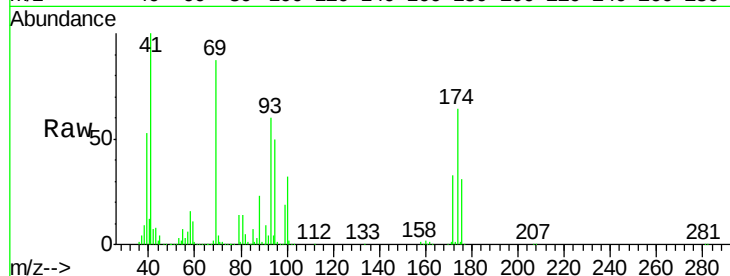




#49
1,4-Dioxane
Concen: 3226.538 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

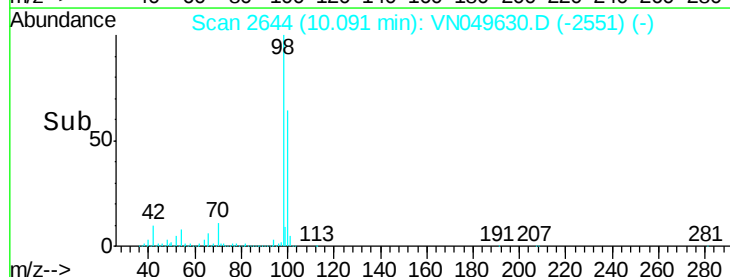
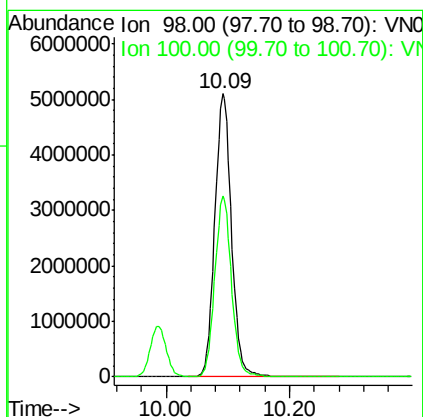
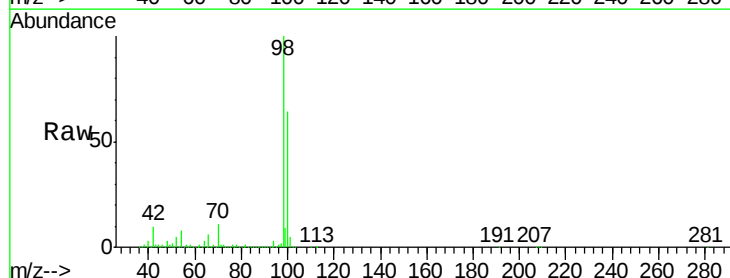
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

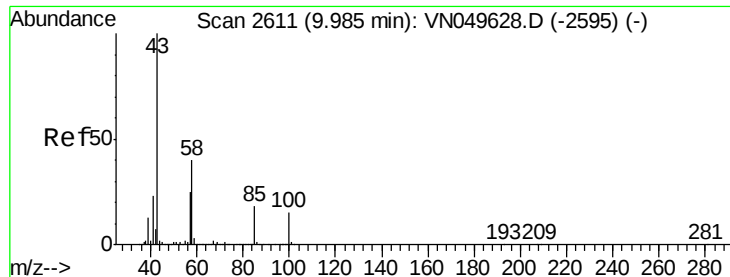
Tgt Ion: 88 Resp: 541273
Ion Ratio Lower Upper
88 100
43 31.6 25.1 37.7
58 66.9 52.5 78.7



#50
Toluene-d8
Concen: 152.052 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 98 Resp: 9521299
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

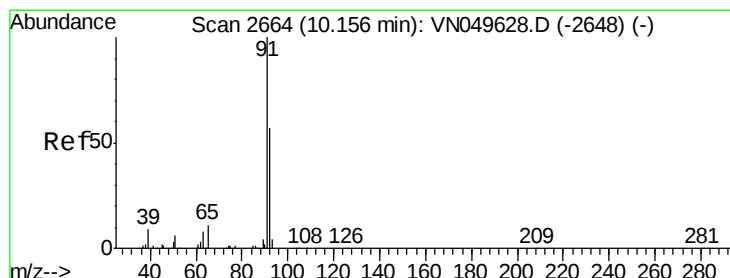
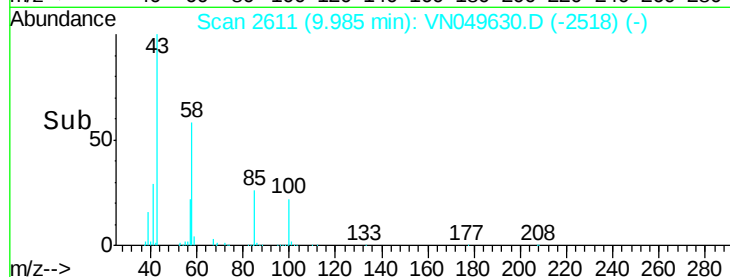
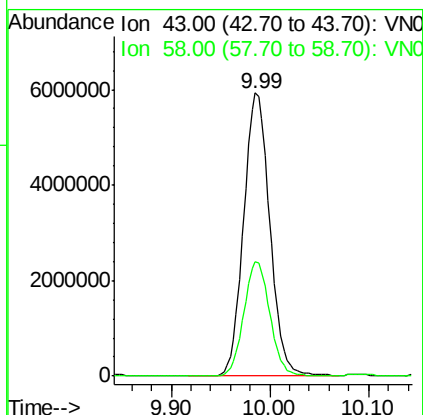
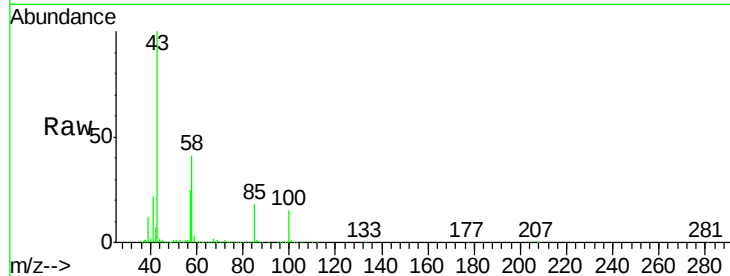




#51
 4-Methyl-2-Pentanone
 Concen: 788.740 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

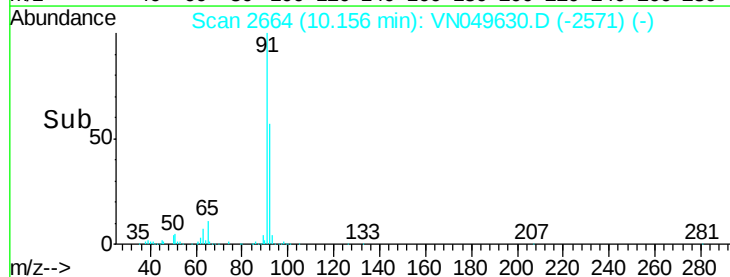
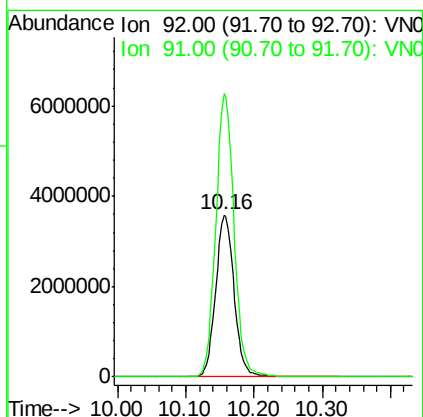
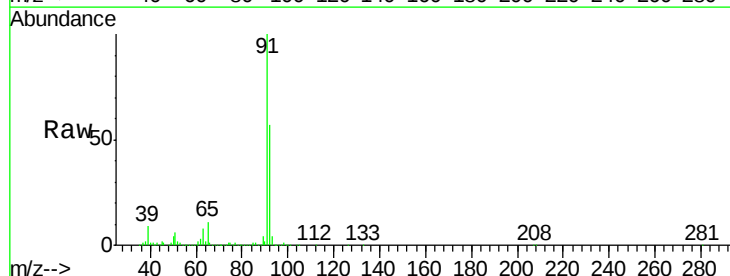
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

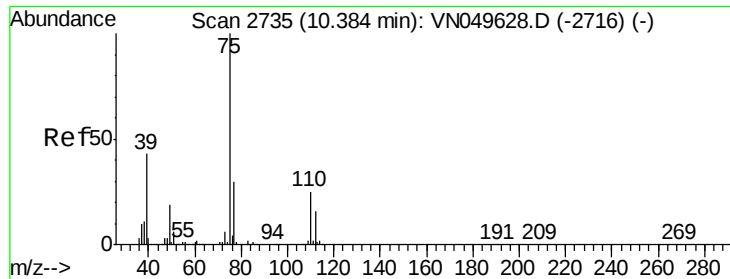
Tgt Ion: 43 Resp:10858966
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.8 47.8



#52
 Toluene
 Concen: 150.883 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 92 Resp: 6700897
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 164.126 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

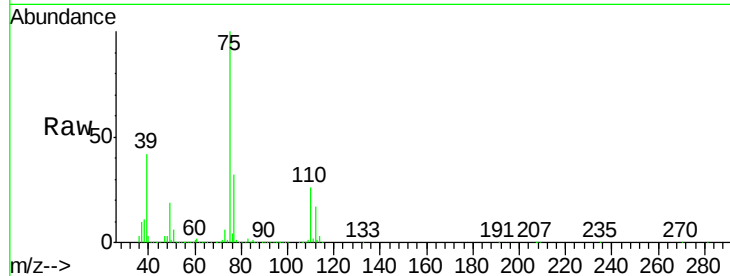
VSTDIC150

Tgt Ion: 75 Resp: 3843994

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

2500000

2000000

1500000

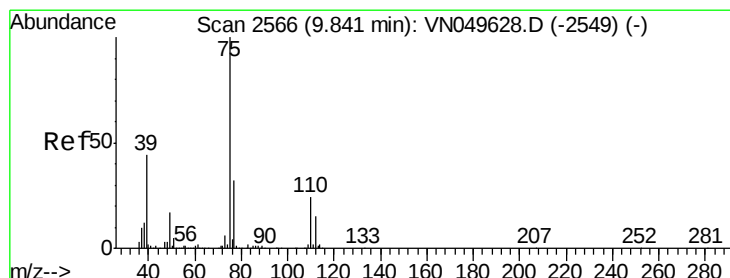
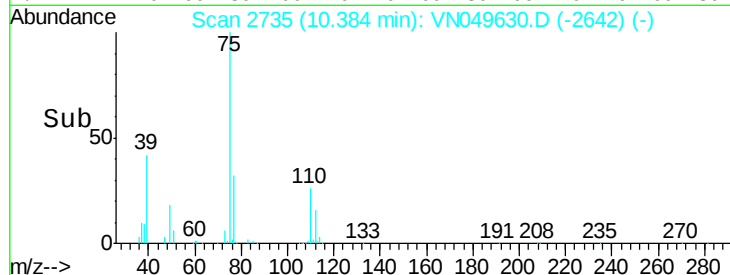
1000000

500000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 159.680 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

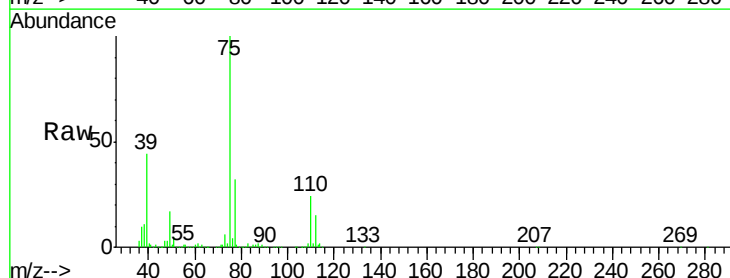
Tgt Ion: 75 Resp: 4370966

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 44.2 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

3000000

2500000

2000000

1500000

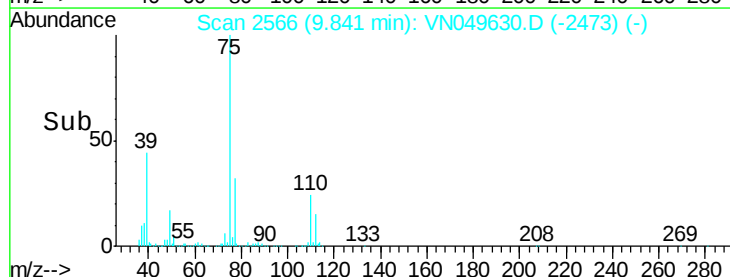
1000000

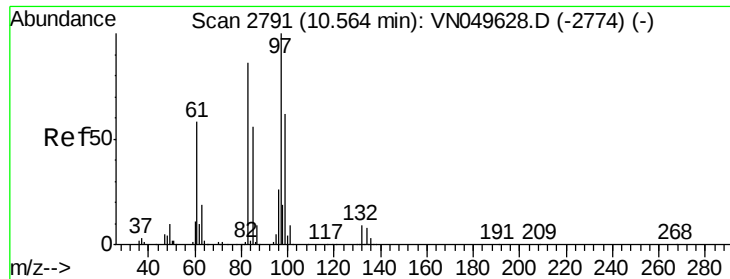
500000

0

Time-->

9.70 9.80 9.90 10.00



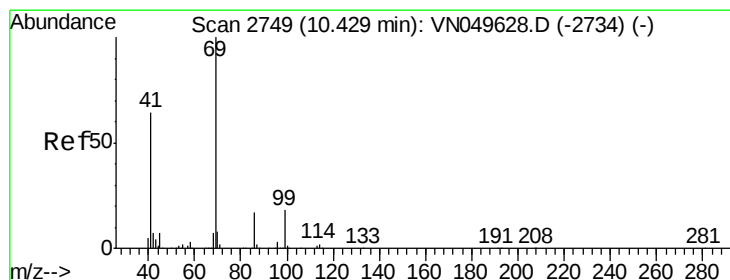
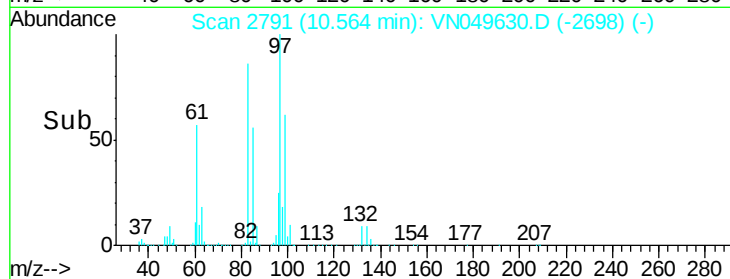
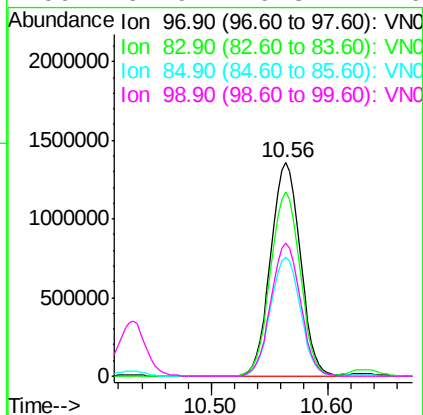
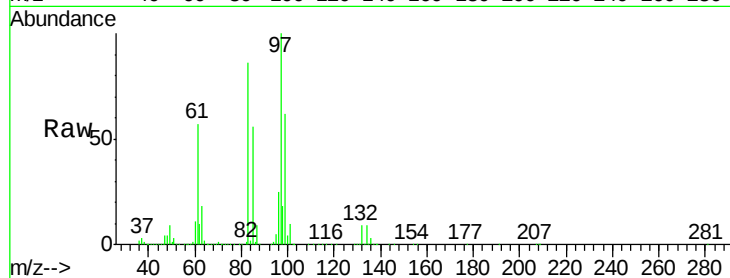


#55
 1,1,2-Trichloroethane
 Concen: 145.819 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 2411300

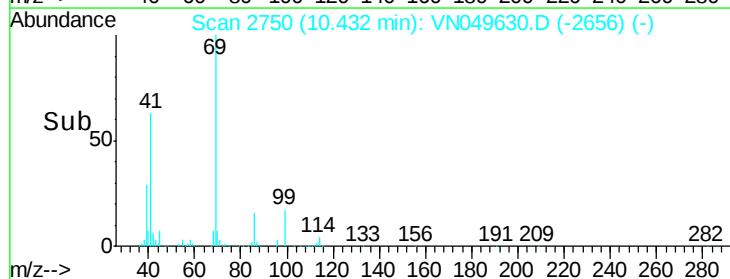
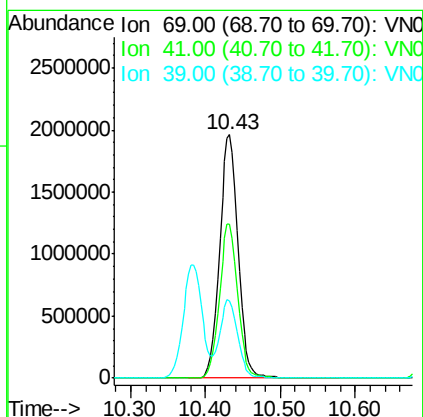
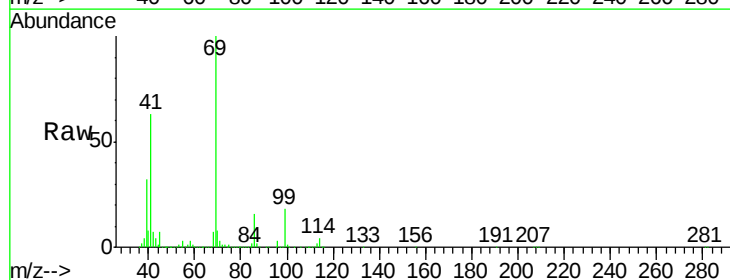
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.0	103.6
85	55.8	44.9	67.3
99	61.9	49.8	74.6

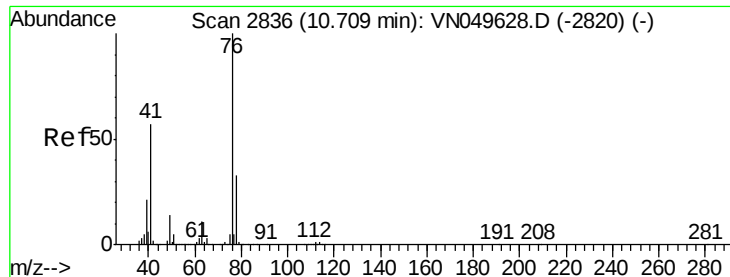


#56
 Ethyl methacrylate
 Concen: 171.303 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 69 Resp: 3320396

Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.6	77.4
39	31.2	25.8	38.8





#57

1,3-Dichloropropane

Concen: 151.781 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

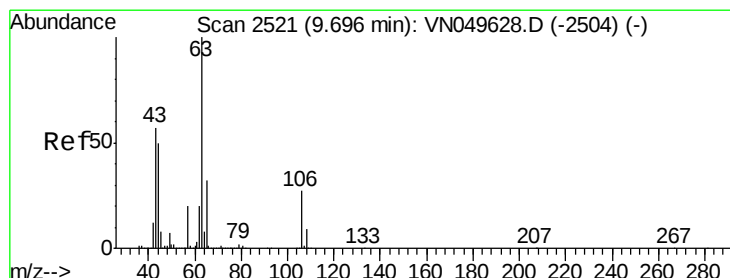
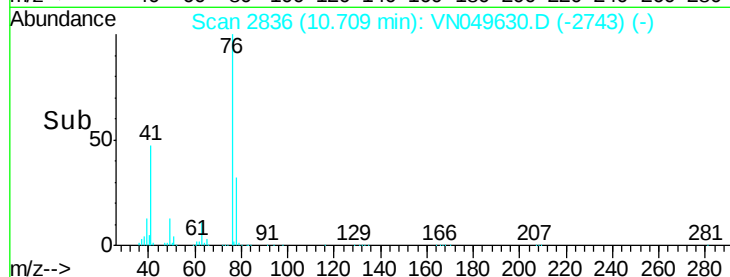
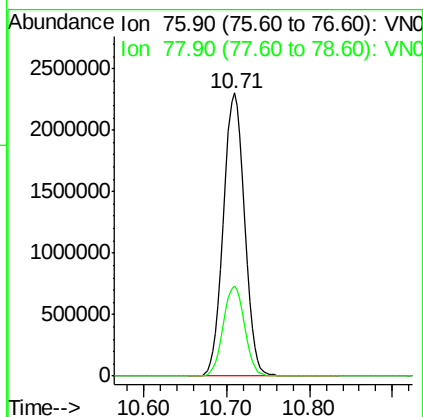
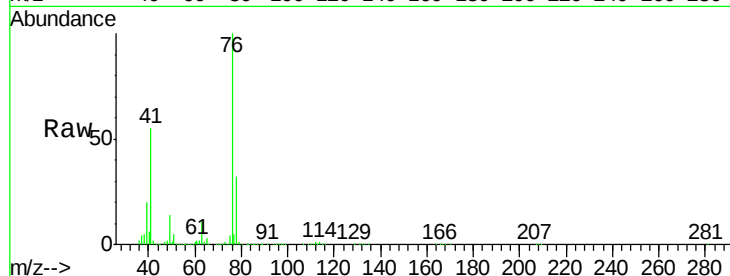
VSTDIC150

Tgt Ion: 76 Resp: 4069888

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 847.994 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049630.D

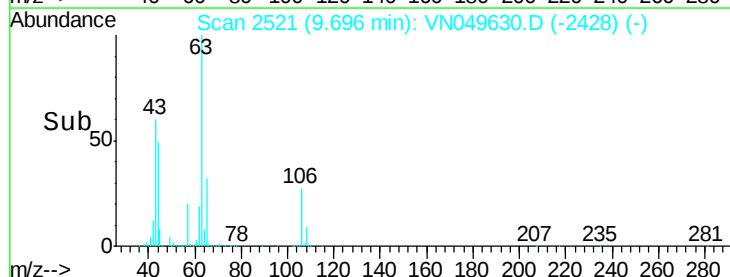
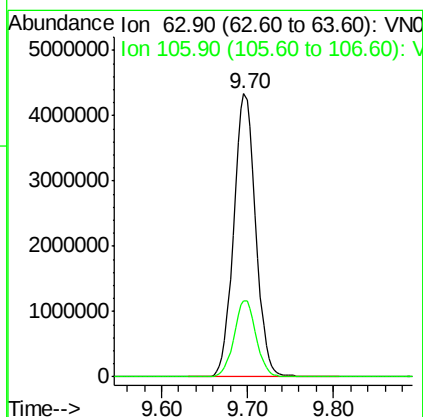
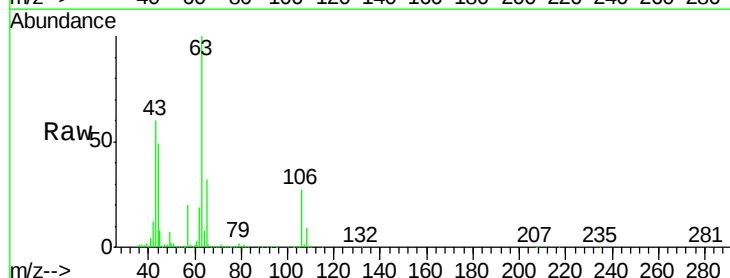
Acq: 29 Jun 2018 13:02

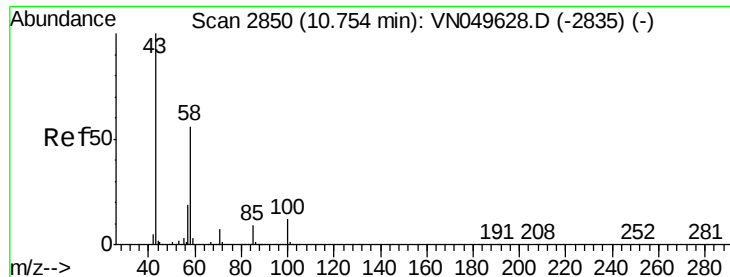
Tgt Ion: 63 Resp: 7651749

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.8





#59

2-Hexanone

Concen: 814.085 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

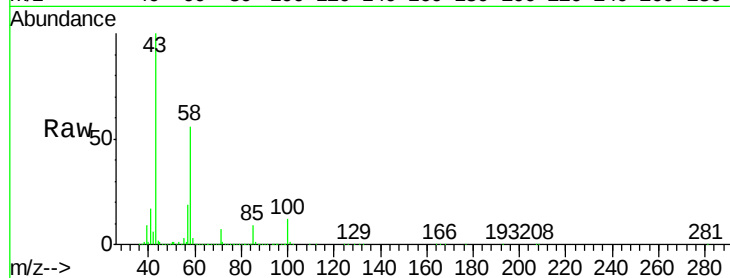
VSTDIC150

Tgt Ion: 43 Resp: 7411274

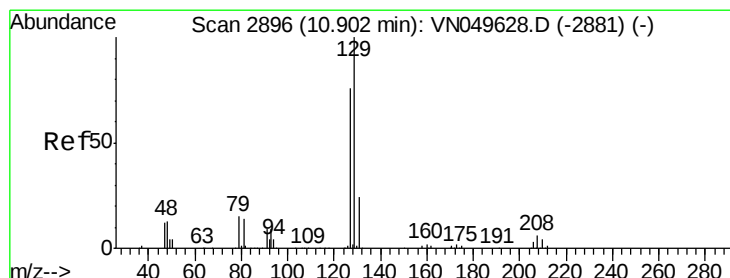
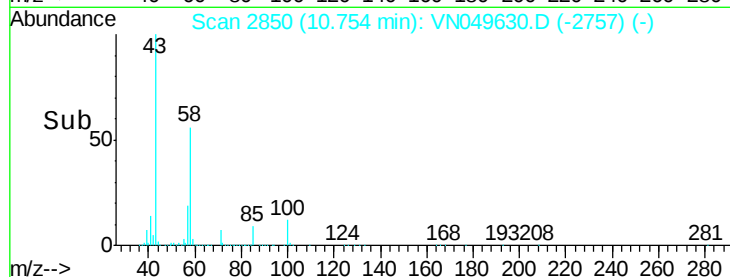
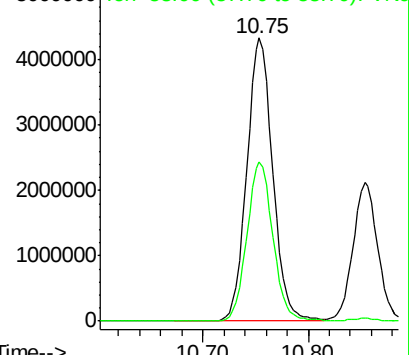
Ion Ratio Lower Upper

43 100

58 56.4 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049630.D (-2757) (-)



#60

Dibromochloromethane

Concen: 156.735 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049630.D

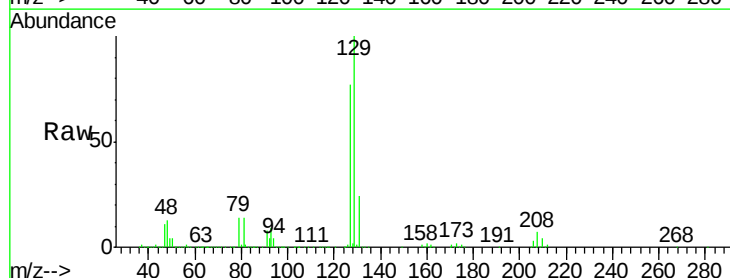
Acq: 29 Jun 2018 13:02

Tgt Ion: 129 Resp: 2801253

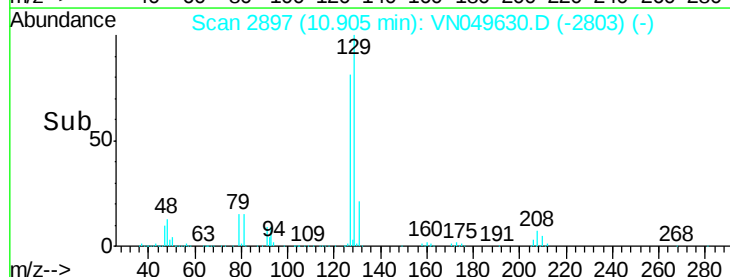
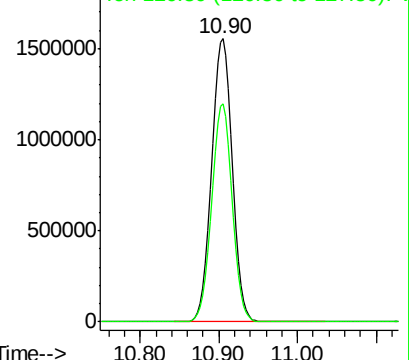
Ion Ratio Lower Upper

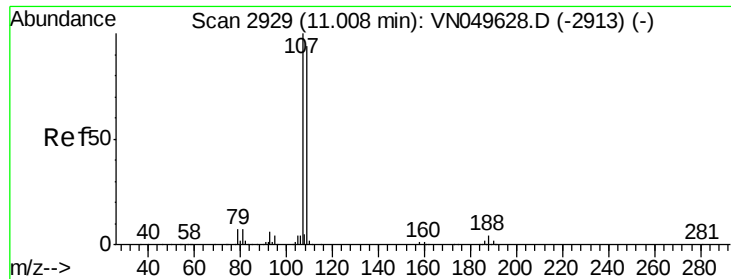
129 100

127 76.6 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VN049630.D (-2803) (-)

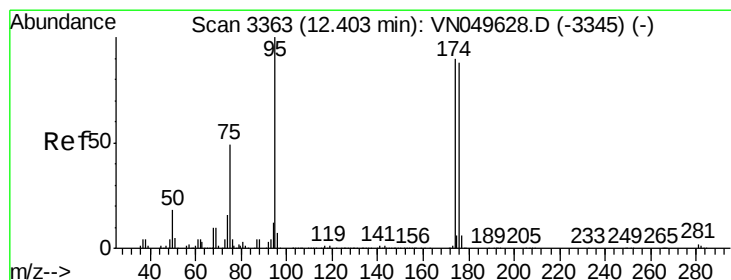
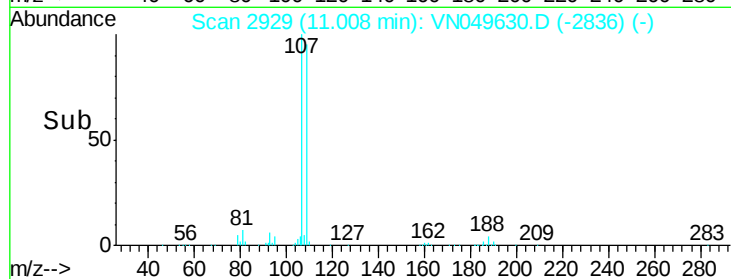
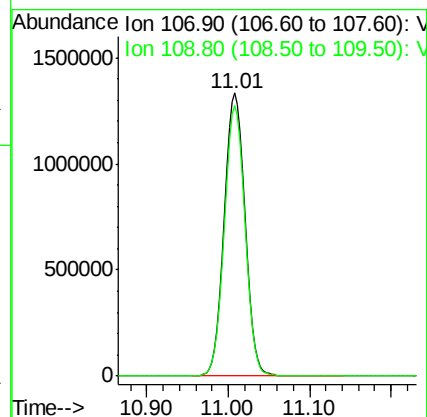
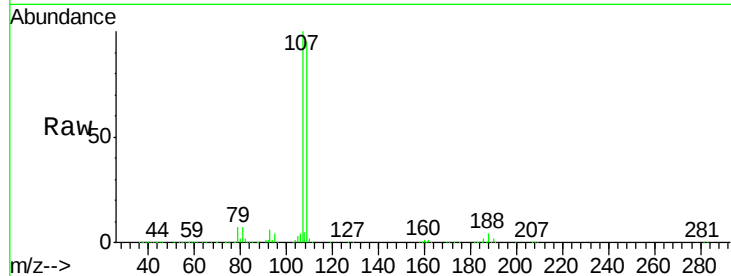




#61
 1,2-Dibromoethane
 Concen: 153.824 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

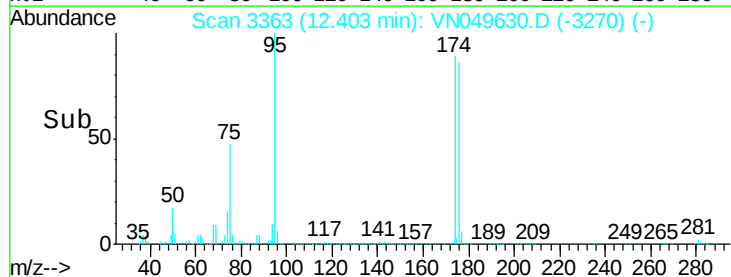
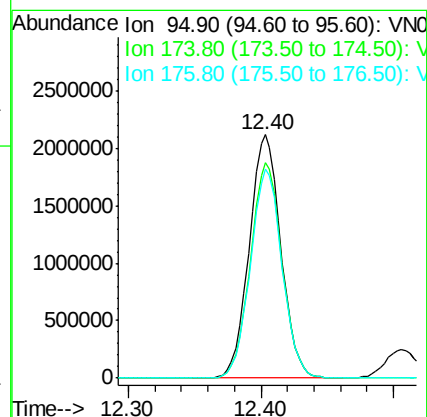
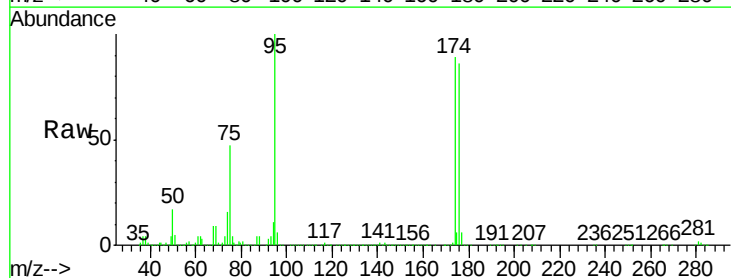
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

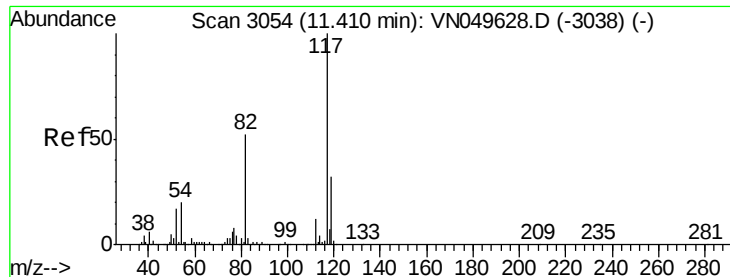
Tgt Ion: 107 Resp: 2437250
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 163.677 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 95 Resp: 3499240
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 179.6
 176 85.9 0.0 174.0

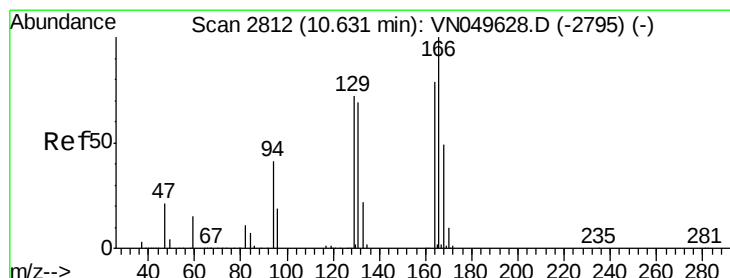
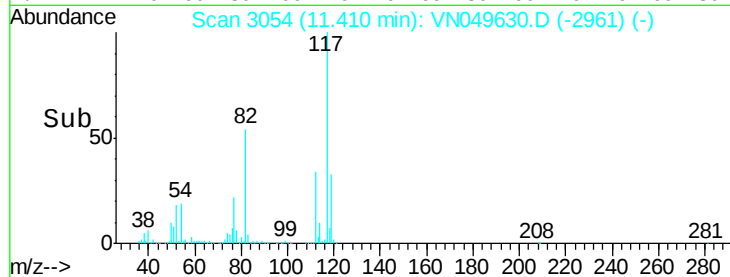
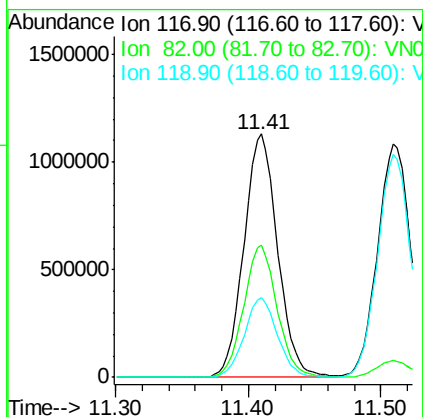
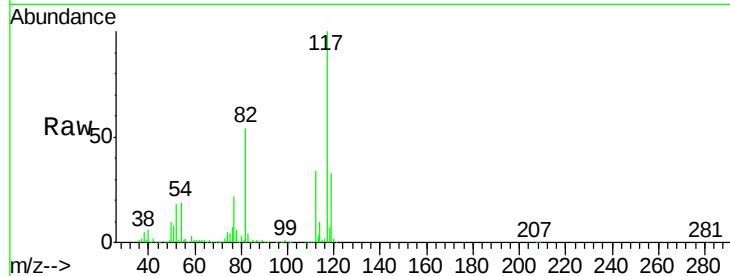




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

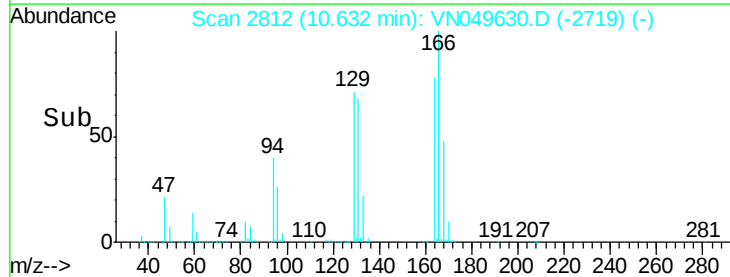
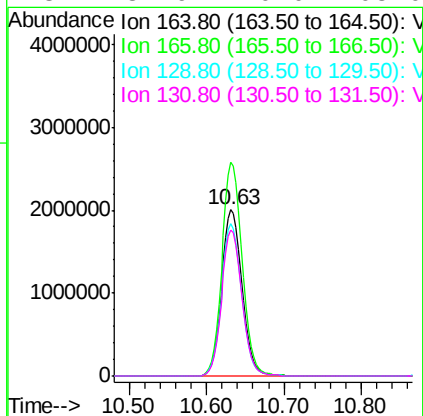
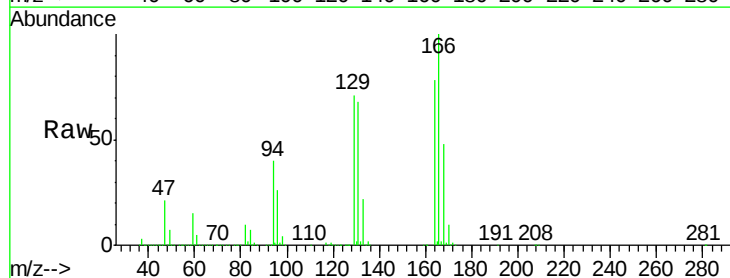
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

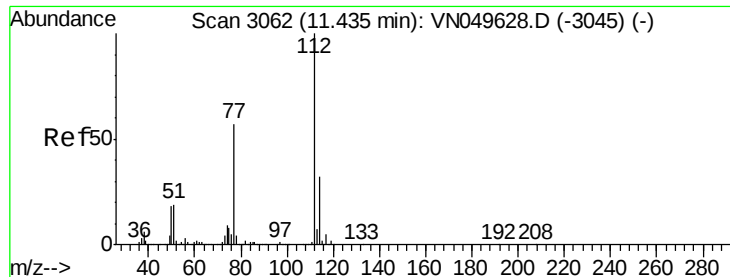
Tgt Ion:117 Resp: 1996744
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 135.550 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion:164 Resp: 3664791
Ion Ratio Lower Upper
164 100
166 128.4 101.8 152.6
129 91.3 72.8 109.2
131 87.9 70.0 105.0





#65

Chlorobenzene

Concen: 142.962 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

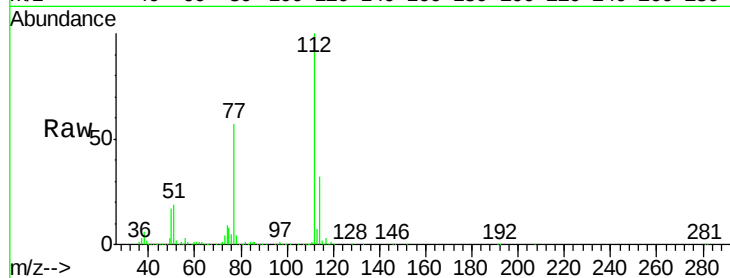
VSTDIC150

Tgt Ion:112 Resp: 7446662

Ion Ratio Lower Upper

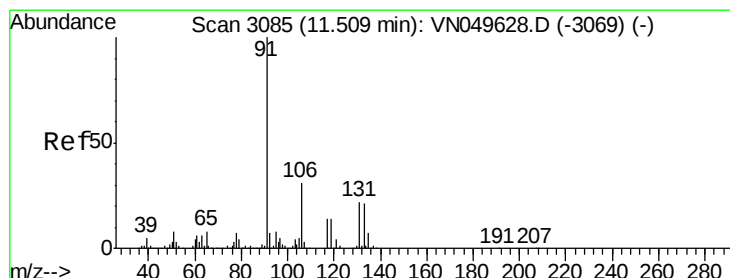
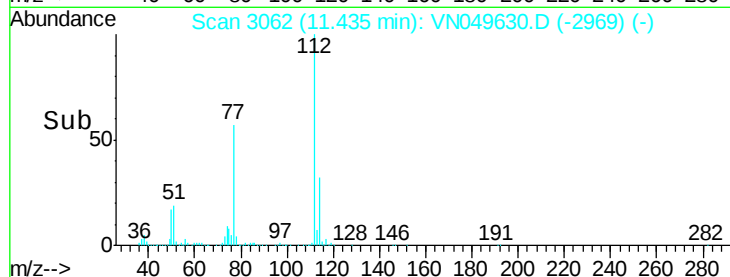
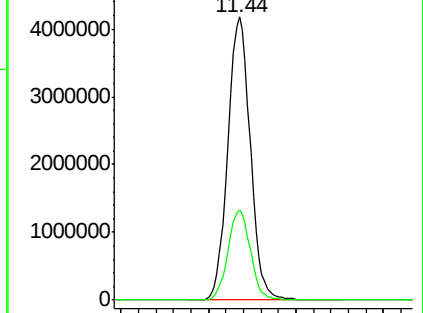
112 100

114 31.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 144.782 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

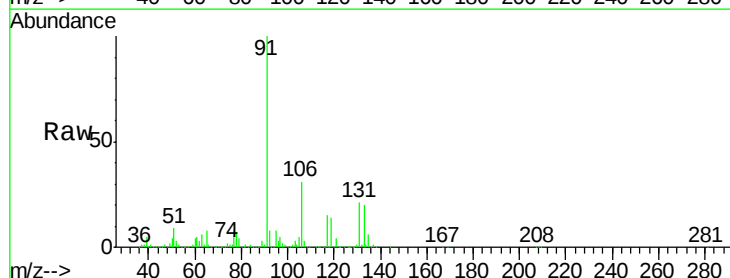
Tgt Ion:131 Resp: 2709798

Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

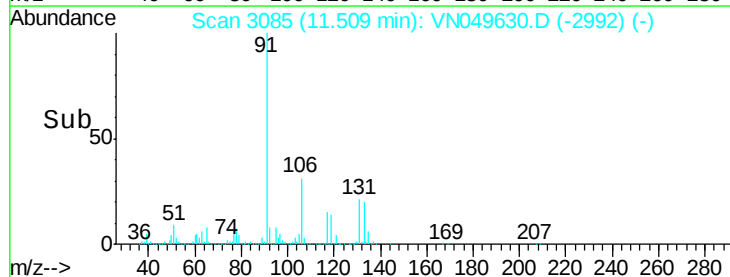
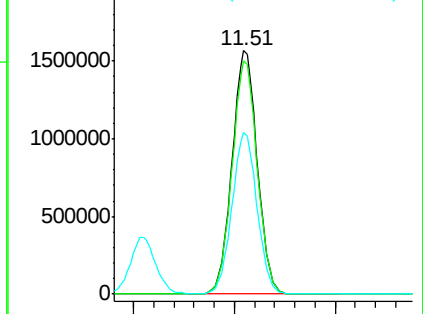
119 66.2 33.1 99.3

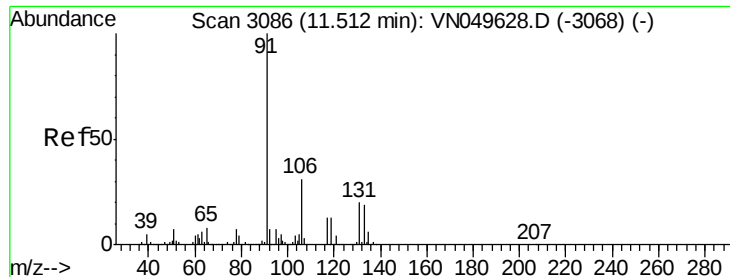


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

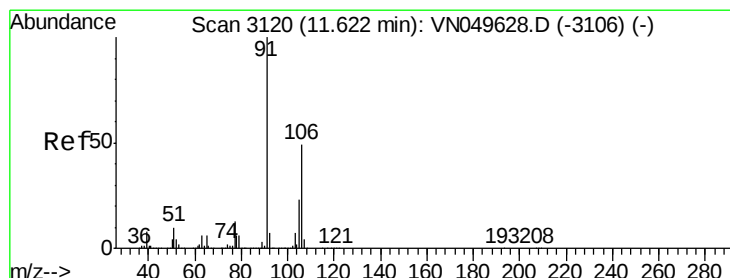
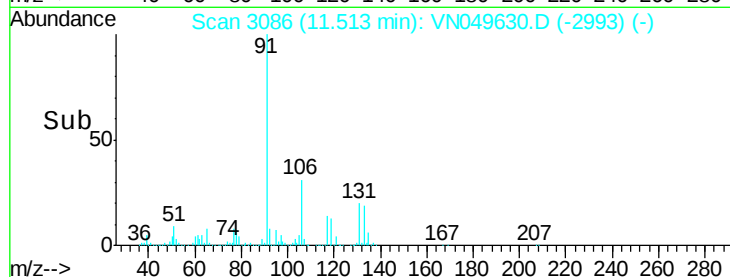
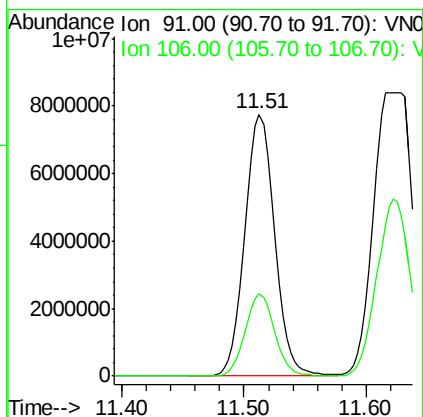
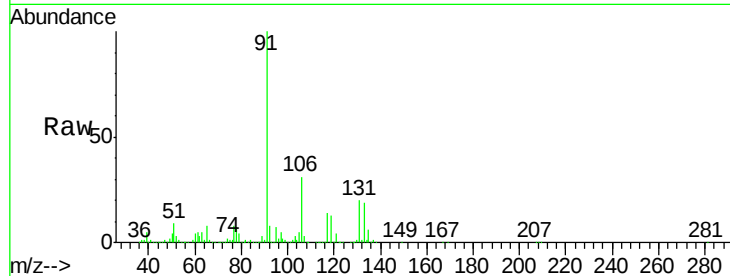




#67
Ethyl Benzene
Concen: 151.729 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

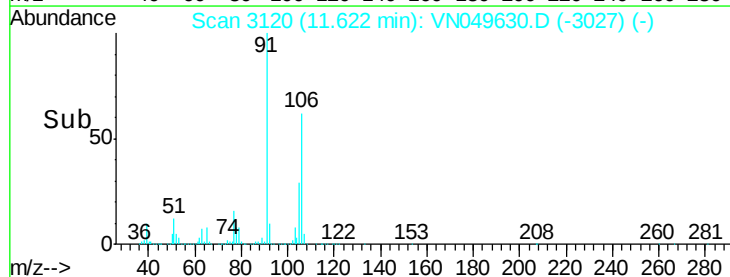
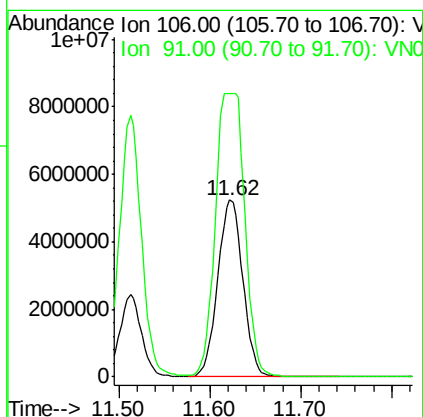
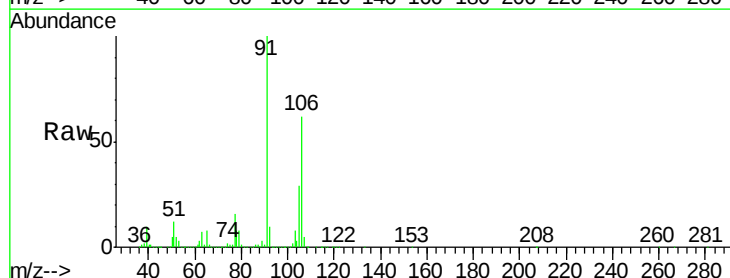
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

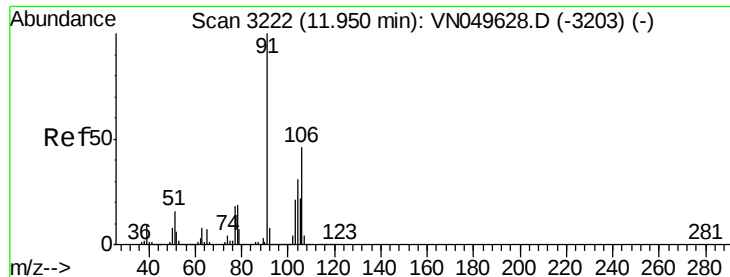
Tgt Ion: 91 Resp:13064498
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 304.428 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion:106 Resp:10045594
Ion Ratio Lower Upper
106 100
91 0.0 163.4 245.2#





#69

o-Xylene

Concen: 154.706 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

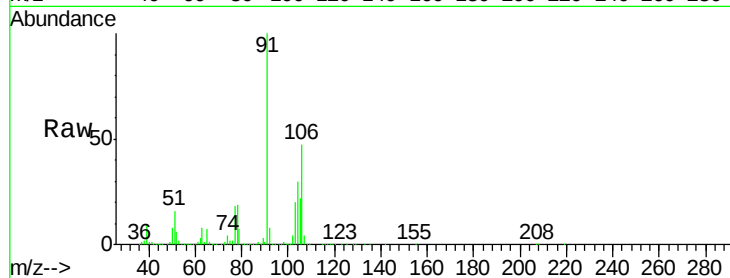
VSTDIC150

Tgt Ion:106 Resp: 4887588

Ion Ratio Lower Upper

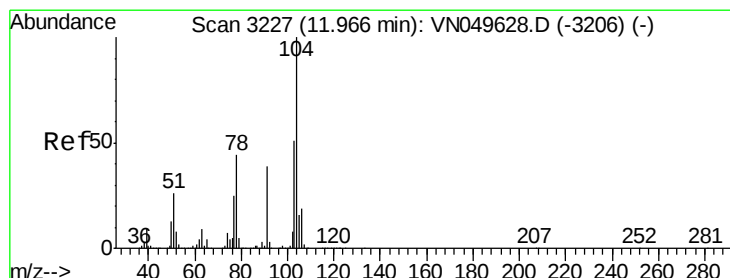
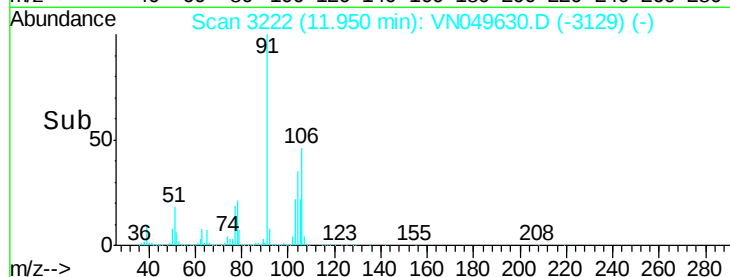
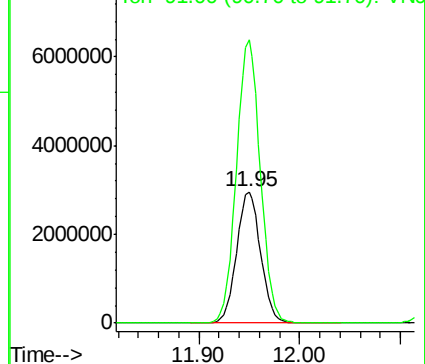
106 100

91 214.6 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 159.860 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

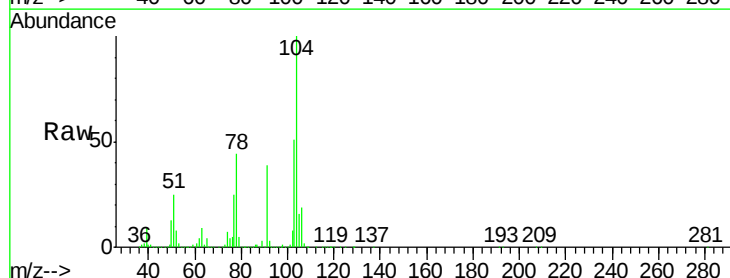
Tgt Ion:104 Resp: 8171684

Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

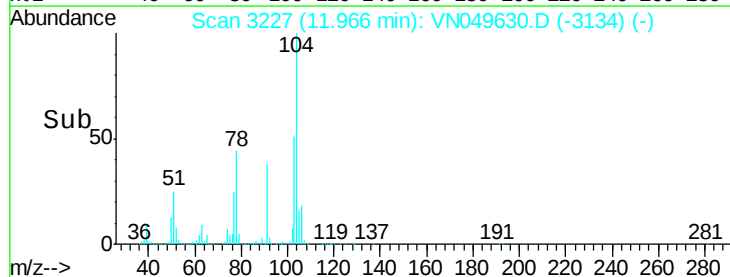
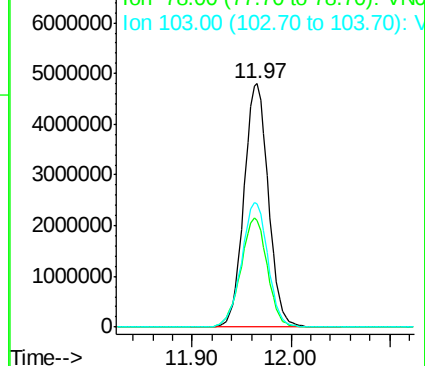
103 55.4 44.6 67.0

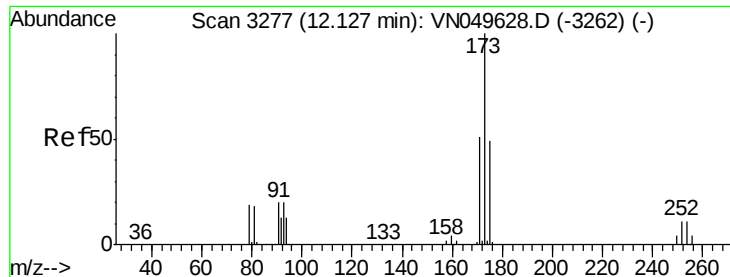


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 159.139 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

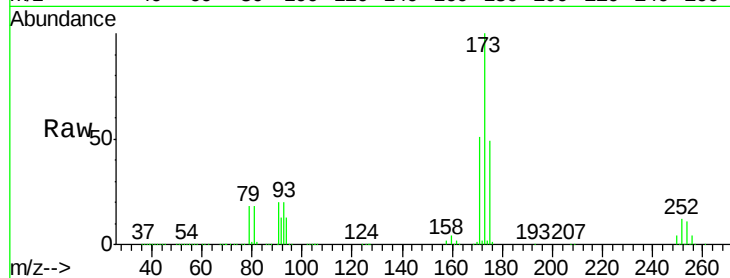
Tgt Ion:173 Resp: 1979134

Ion Ratio Lower Upper

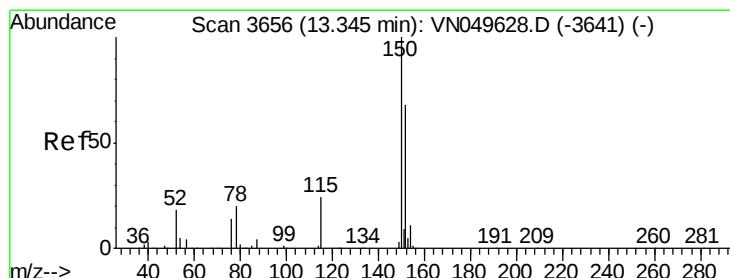
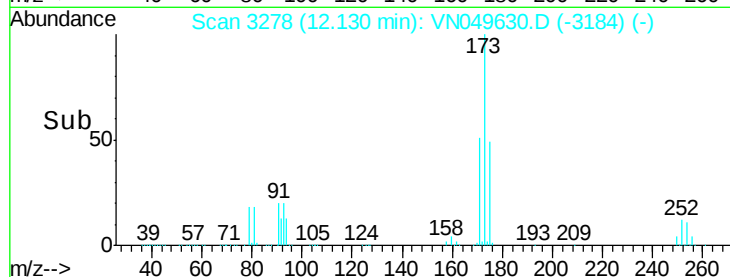
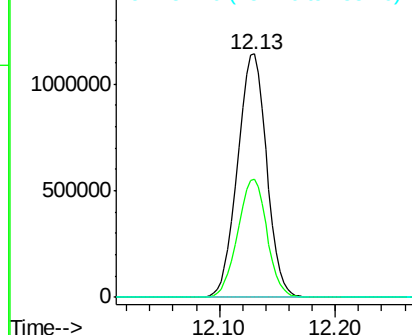
173 100

175 48.8 24.6 73.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

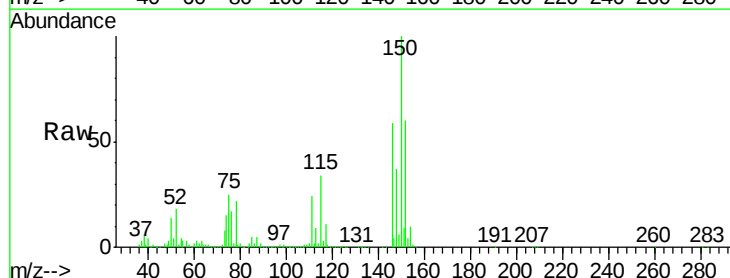
Tgt Ion:152 Resp: 1166156

Ion Ratio Lower Upper

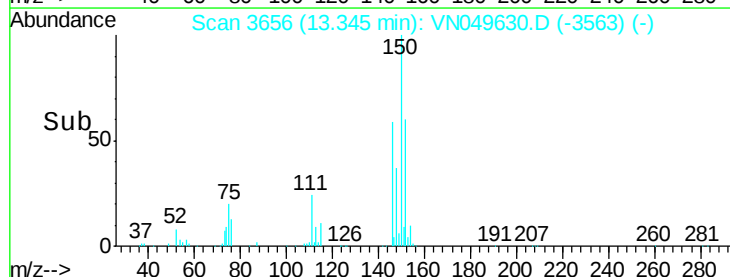
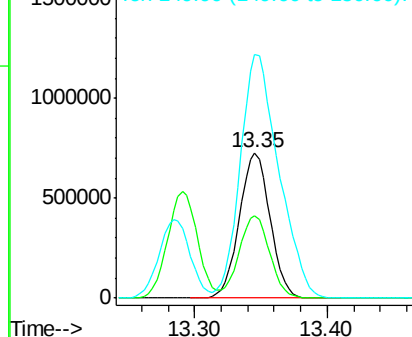
152 100

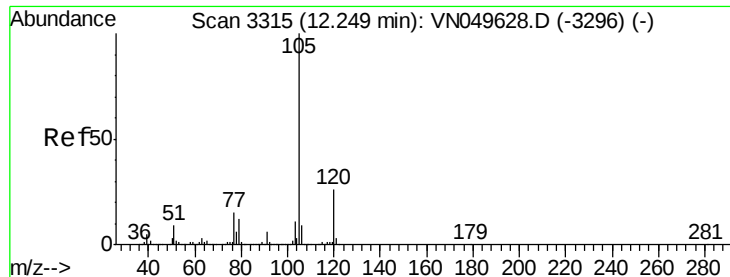
115 56.9 28.1 84.2

150 210.6 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 138.022 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

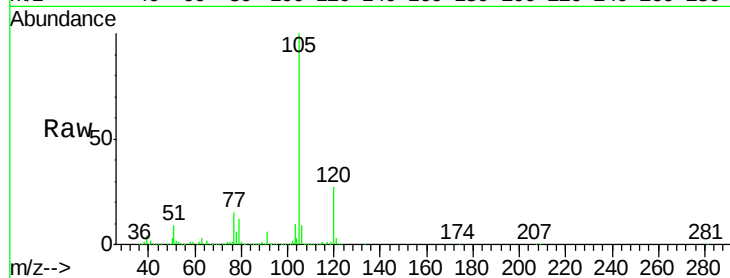
VSTDIC150

Tgt Ion:105 Resp:12820807

Ion Ratio Lower Upper

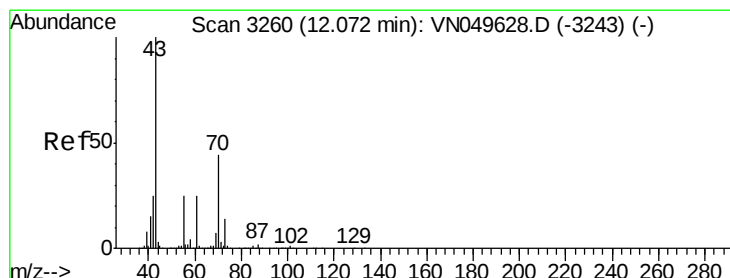
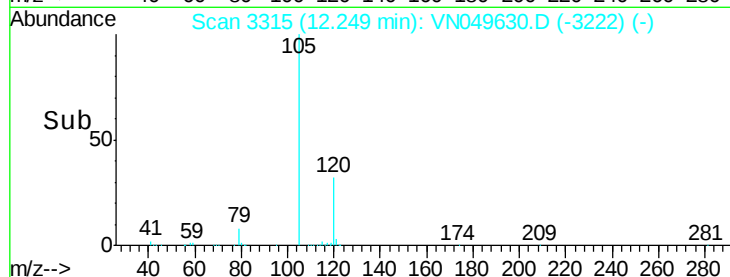
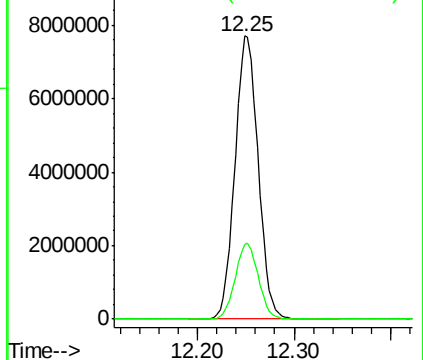
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 151.156 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 3835310

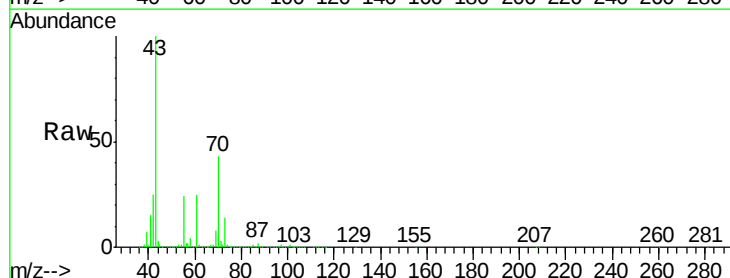
Ion Ratio Lower Upper

43 100

70 43.3 34.8 52.2

55 24.7 20.9 31.3

61 25.1 19.9 29.9

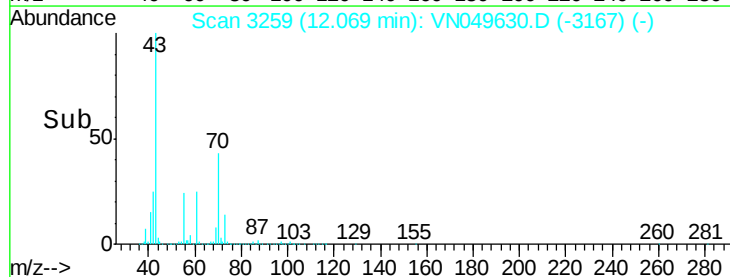
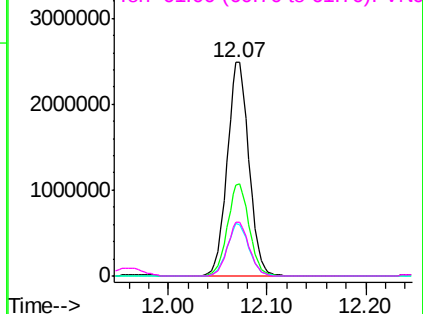


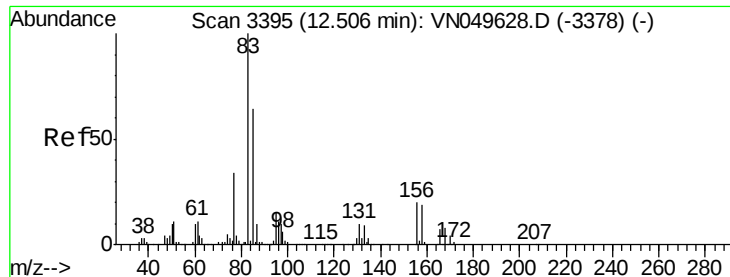
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 127.997 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

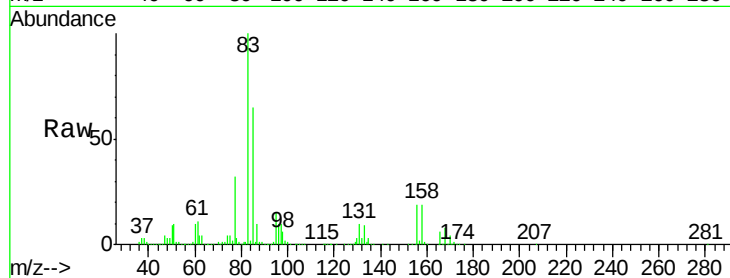
Tgt Ion: 83 Resp: 2807600

Ion Ratio Lower Upper

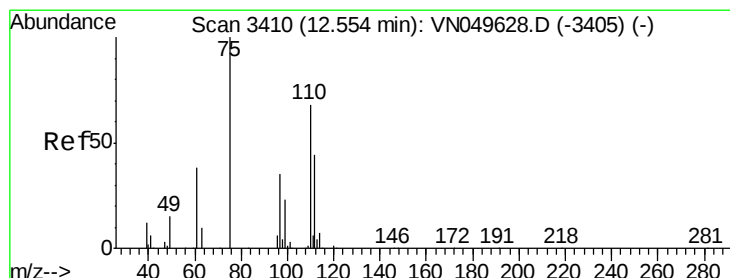
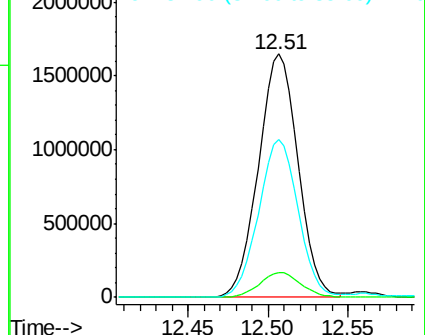
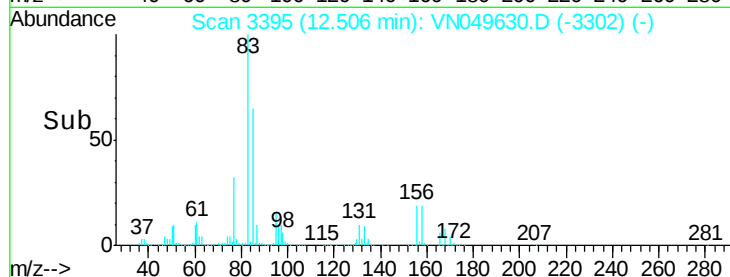
83 100

131 10.7 5.2 15.6

85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049630.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 189.478 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049630.D

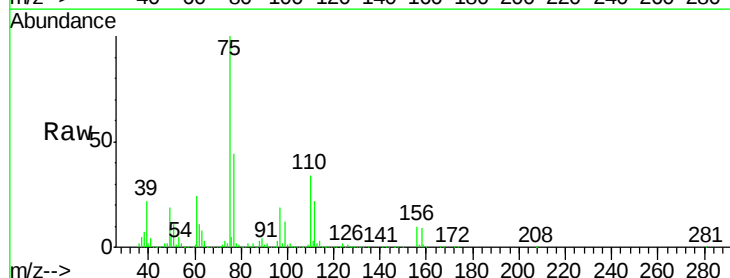
Acq: 29 Jun 2018 13:02

Tgt Ion: 75 Resp: 3836009

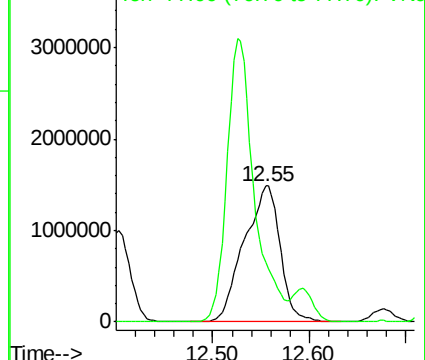
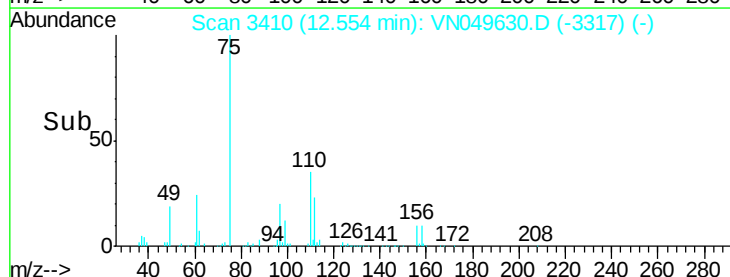
Ion Ratio Lower Upper

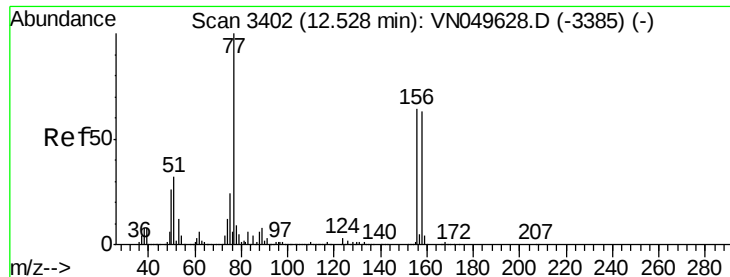
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049630.D (-3317) (-)





#77

Bromobenzene

Concen: 132.895 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

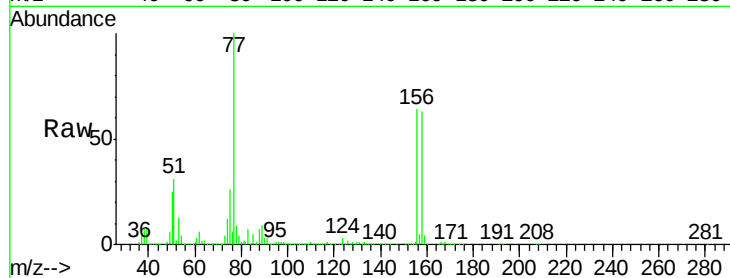
Tgt Ion:156 Resp: 3356750

Ion Ratio Lower Upper

156 100

77 181.0 90.2 270.6

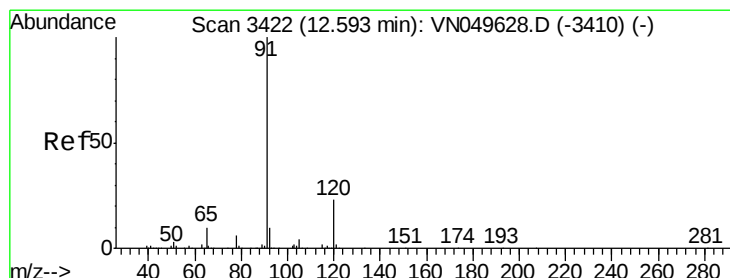
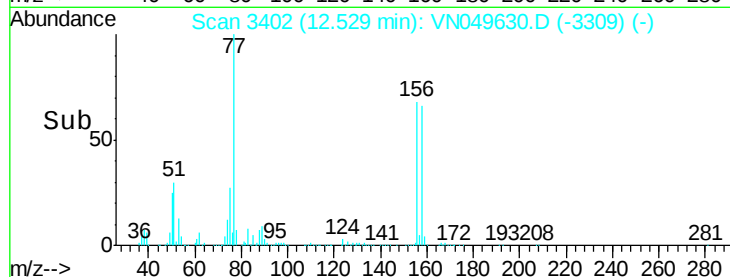
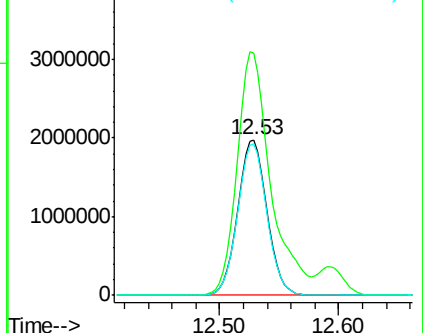
158 97.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.614 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049630.D

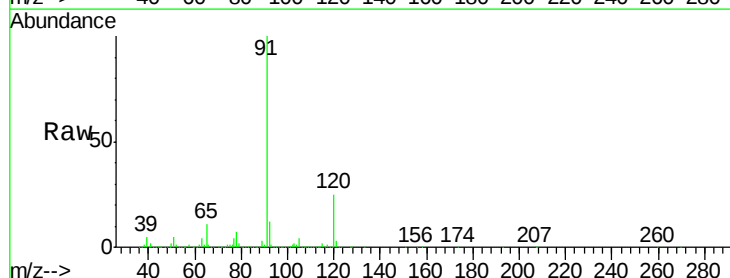
Acq: 29 Jun 2018 13:02

Tgt Ion: 91 Resp:14650376

Ion Ratio Lower Upper

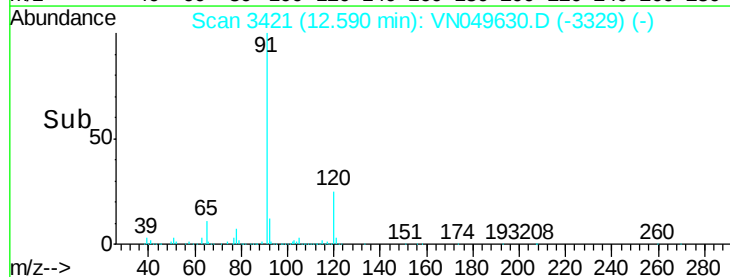
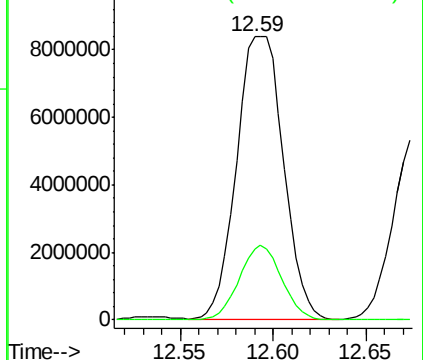
91 100

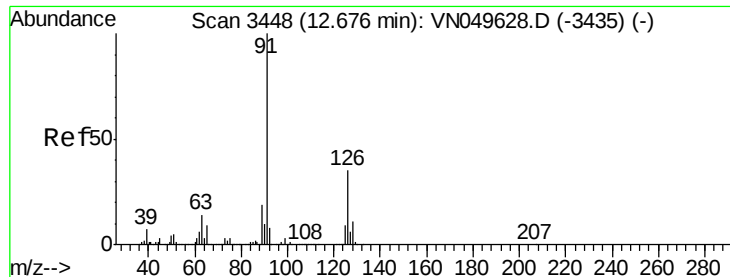
120 24.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 133.308 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

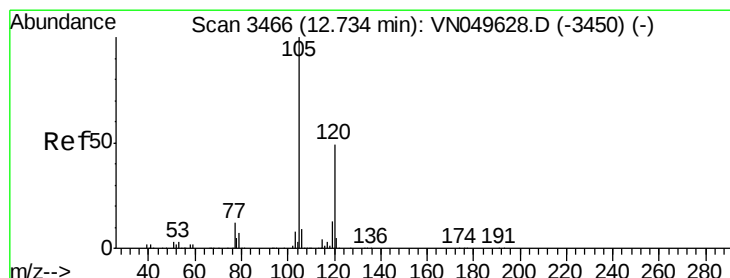
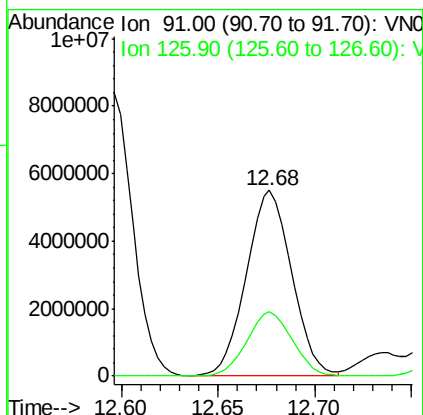
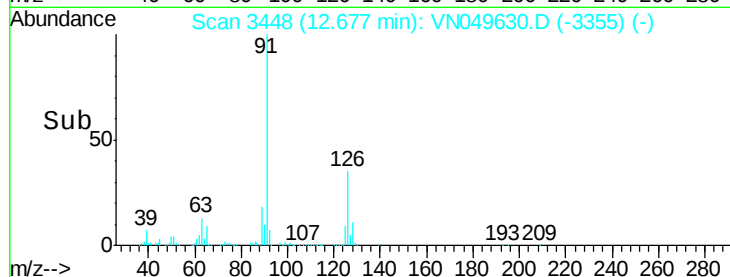
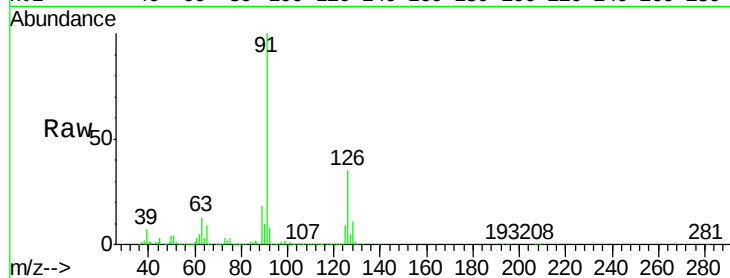
VSTDIC150

Tgt Ion: 91 Resp: 8981790

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 142.749 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049630.D

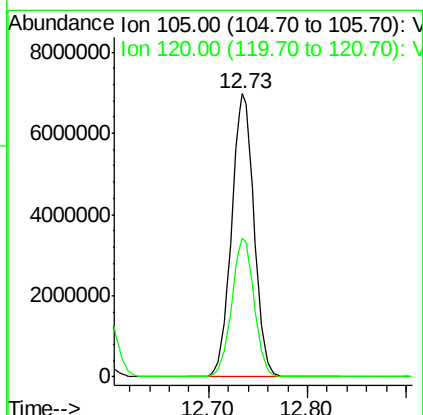
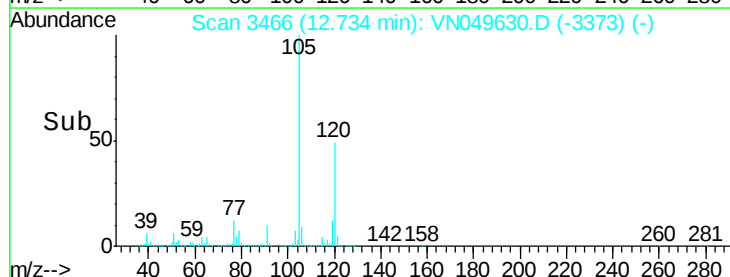
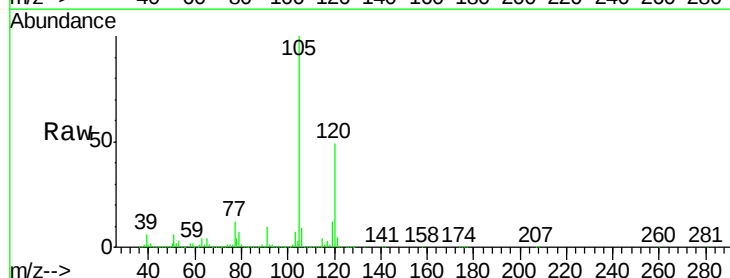
Acq: 29 Jun 2018 13:02

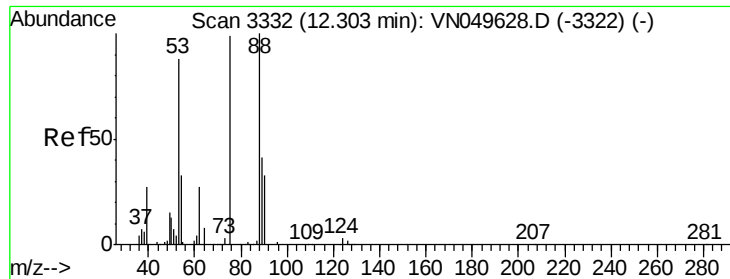
Tgt Ion: 105 Resp: 11018716

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

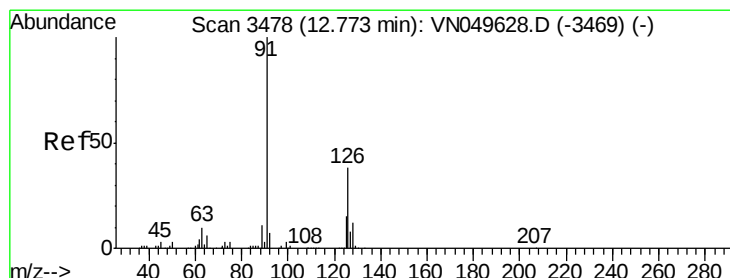
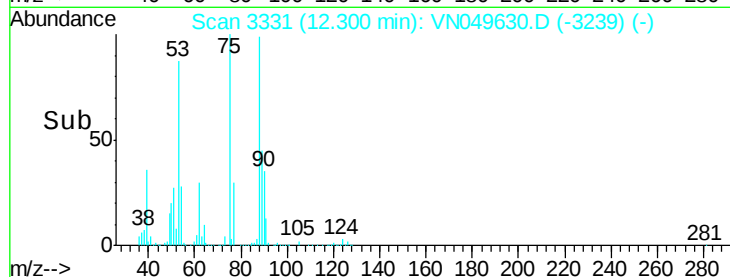
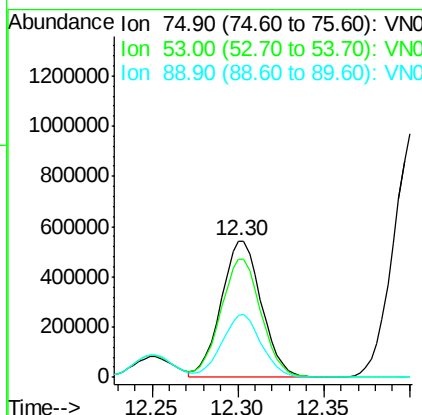
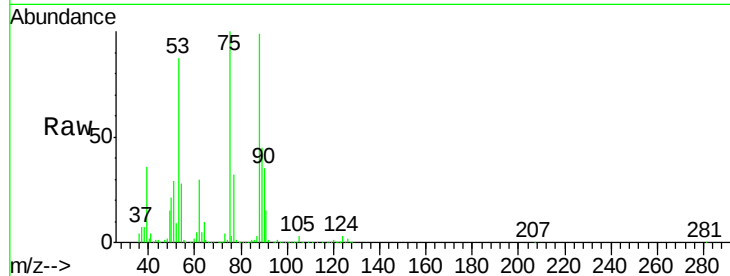




#81
trans-1,4-Dichloro-2-butene
Concen: 160.090 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

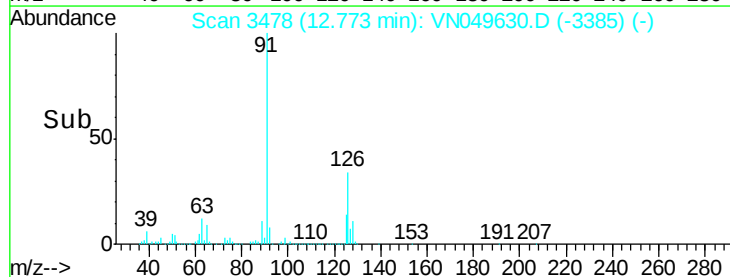
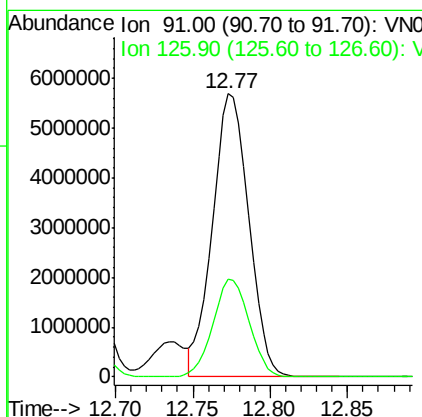
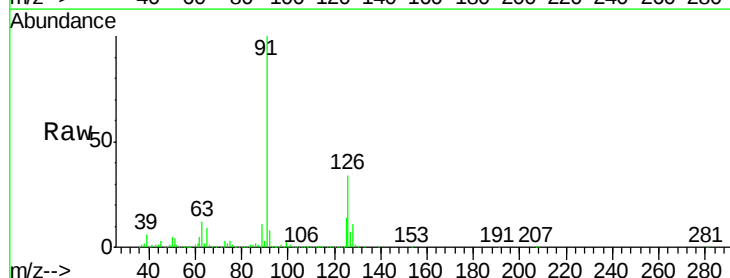
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

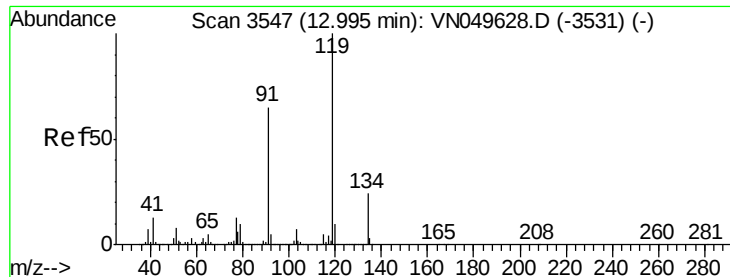
Tgt Ion: 75 Resp: 881542
Ion Ratio Lower Upper
75 100
53 87.6 73.9 110.9
89 45.6 35.9 53.9



#82
4-Chlorotoluene
Concen: 137.078 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 91 Resp: 9286403
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

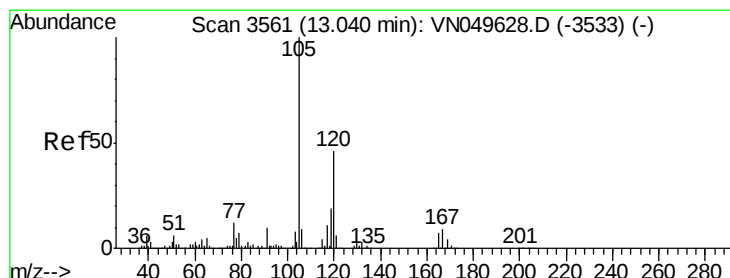
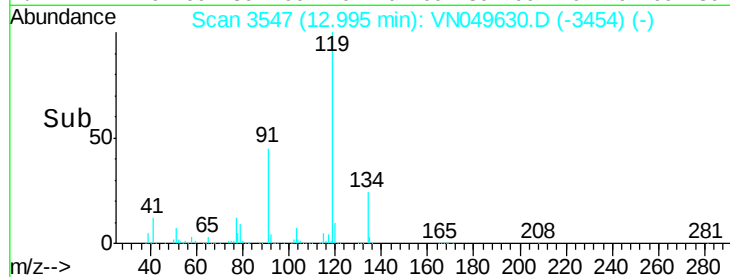
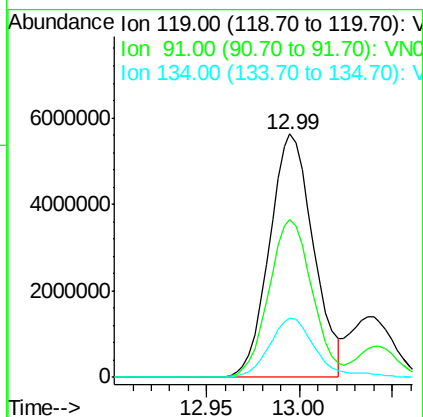
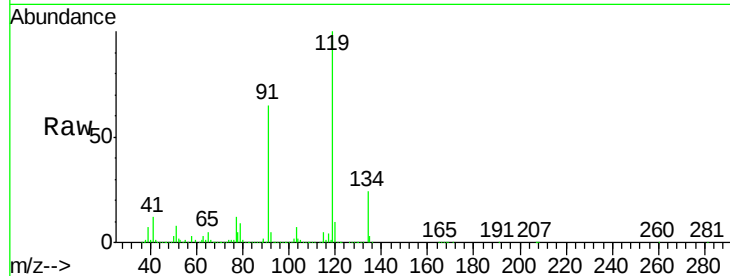




#83
 tert-Butylbenzene
 Concen: 140.073 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

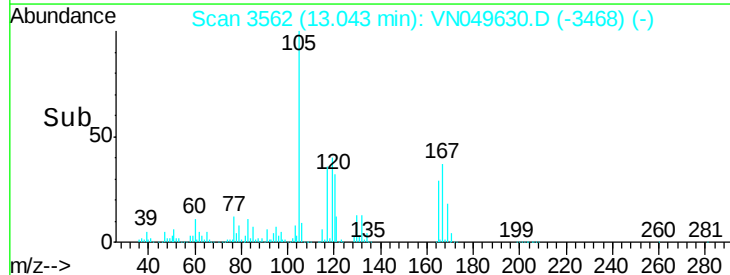
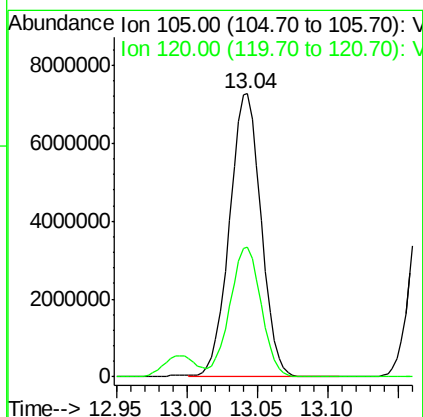
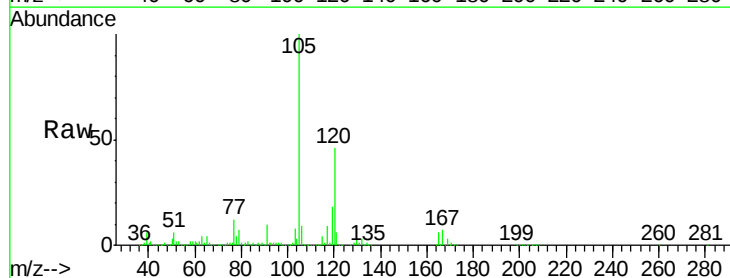
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

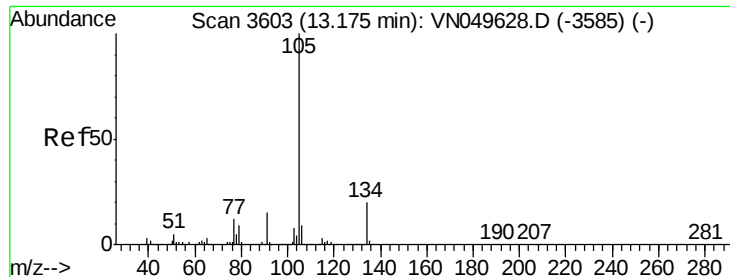
Tgt Ion:119 Resp: 9288079
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.0 96.2
 134 25.5 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 143.872 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion:105 Resp:11411315
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1

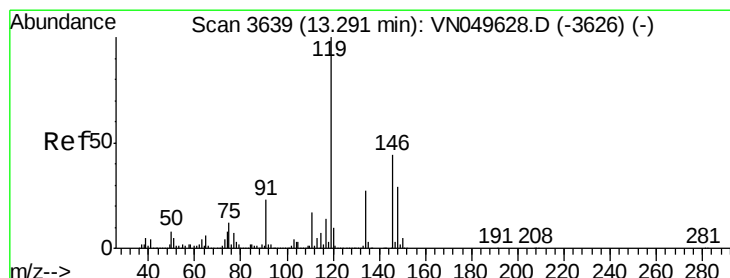
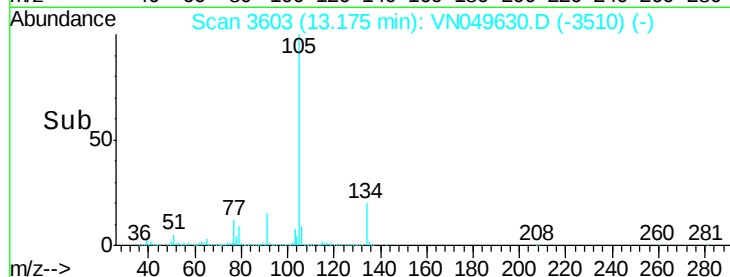
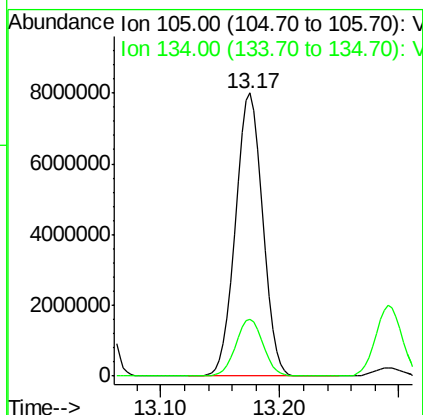
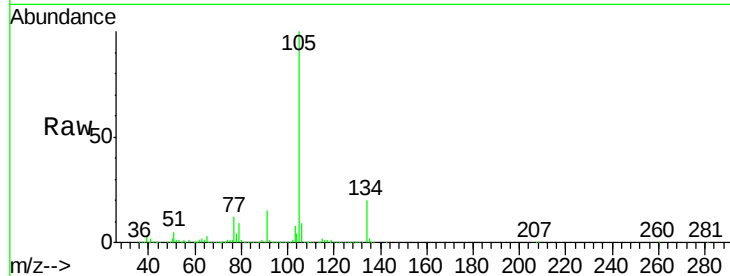




#85
 sec-Butylbenzene
 Concen: 144.087 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

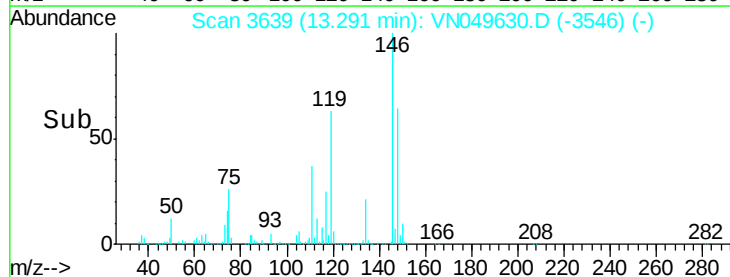
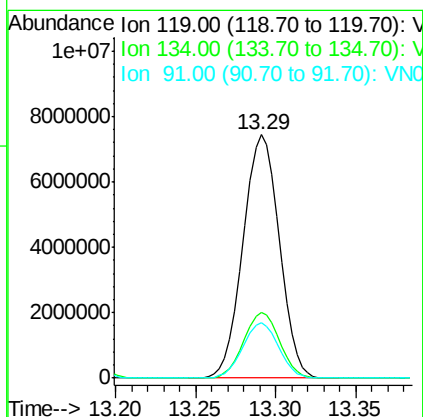
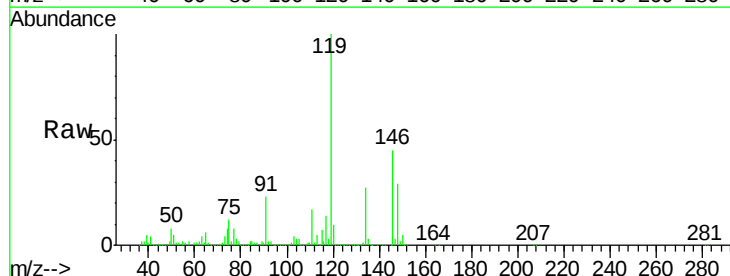
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

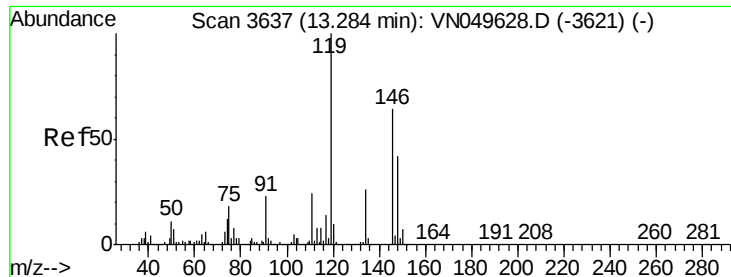
Tgt Ion:105 Resp:12658597
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 150.929 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion:119 Resp:11484970
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 134.901 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

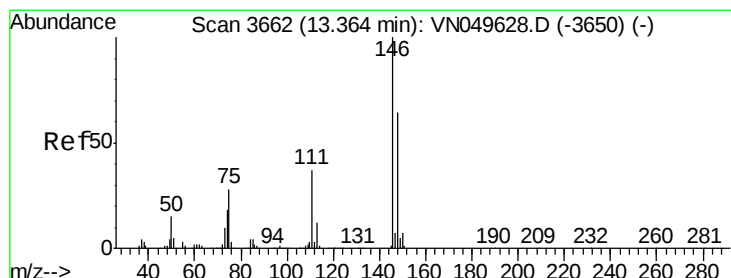
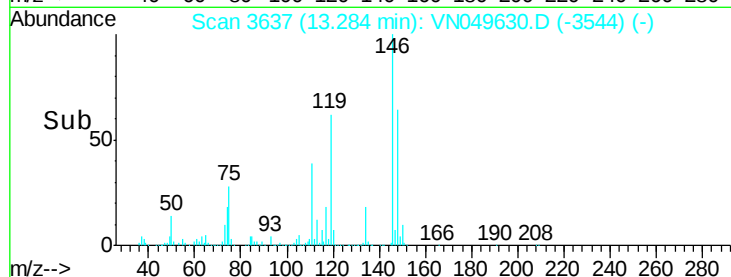
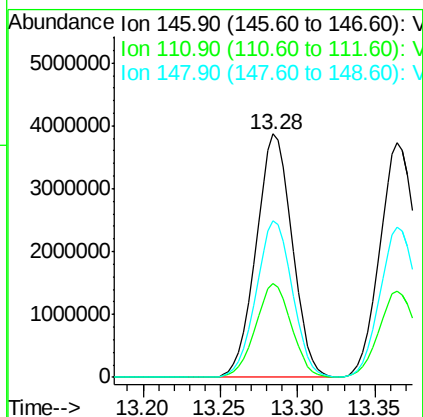
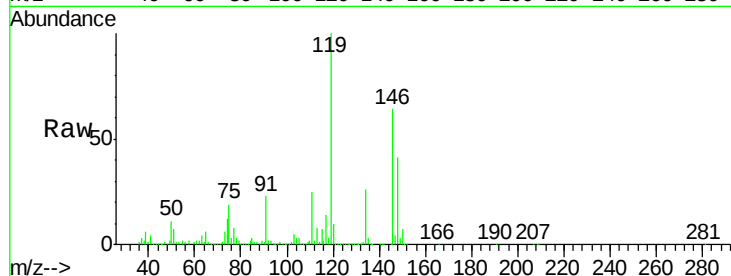
Tgt Ion:146 Resp: 6290663

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 64.4 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 133.032 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

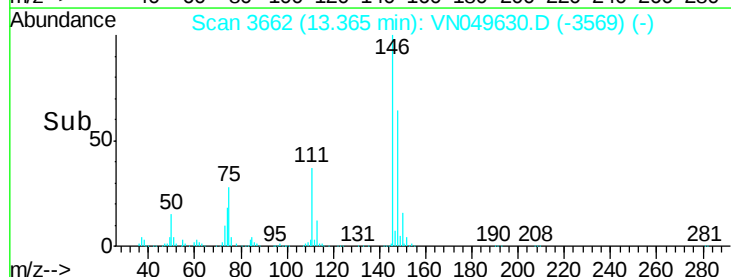
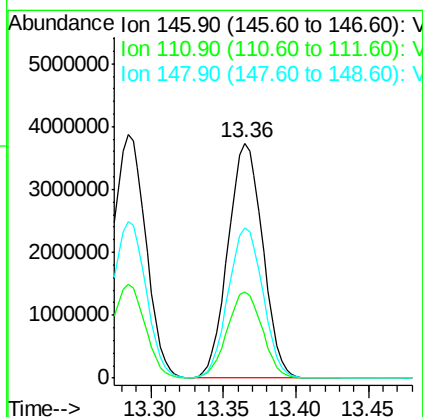
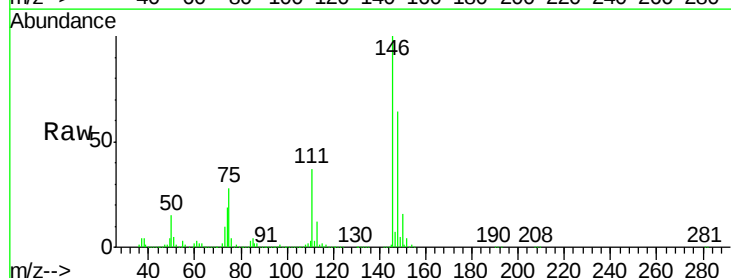
Tgt Ion:146 Resp: 6192749

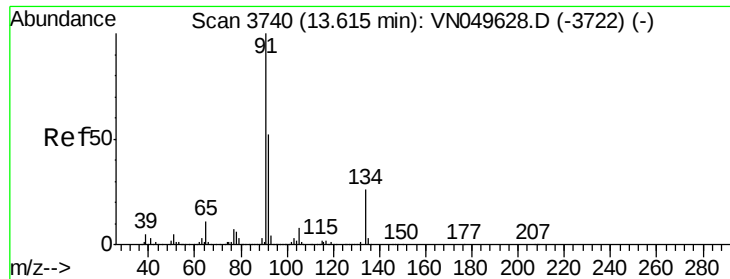
Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.5

148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 155.631 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

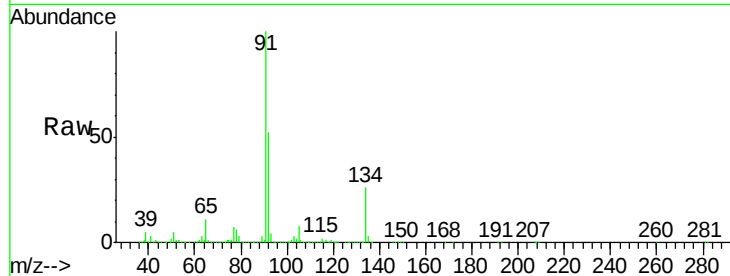
Tgt Ion: 91 Resp:10138917

Ion Ratio Lower Upper

91 100

92 52.1 25.8 77.3

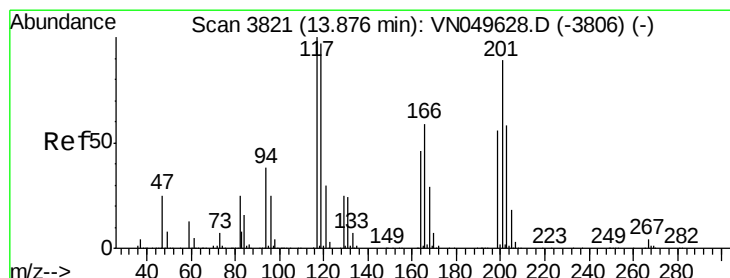
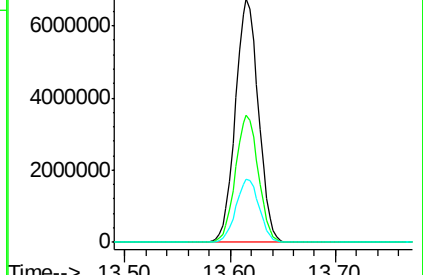
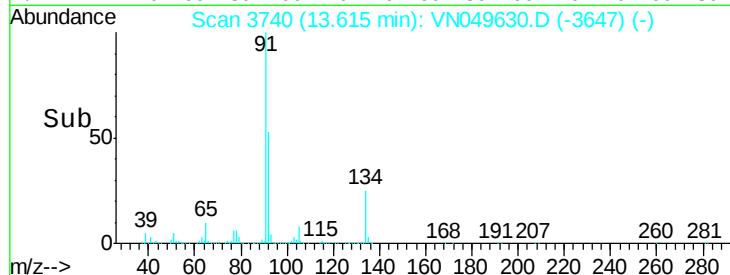
134 26.3 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049630.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049630.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049630.D (-3647) (-)



#90

Hexachloroethane

Concen: 154.235 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049630.D

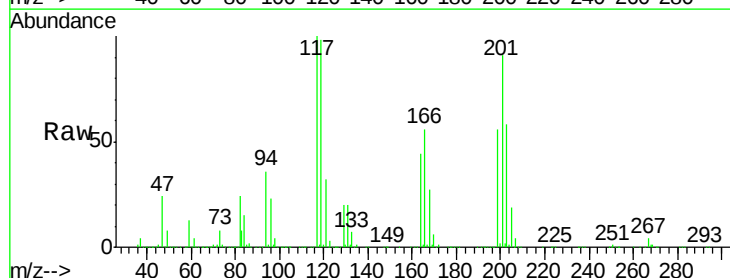
Acq: 29 Jun 2018 13:02

Tgt Ion:117 Resp: 1232821

Ion Ratio Lower Upper

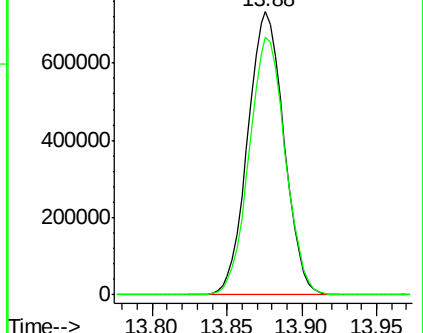
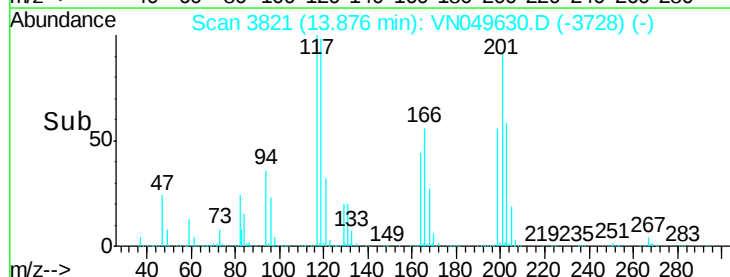
117 100

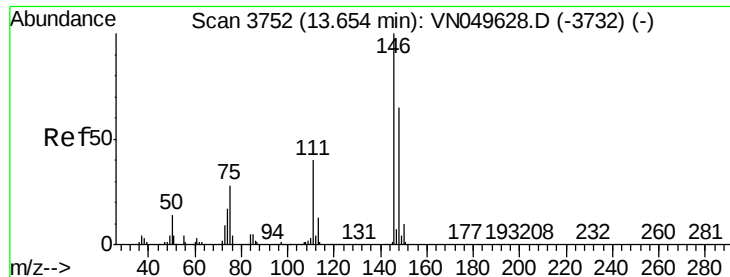
201 90.9 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049630.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049630.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 131.470 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

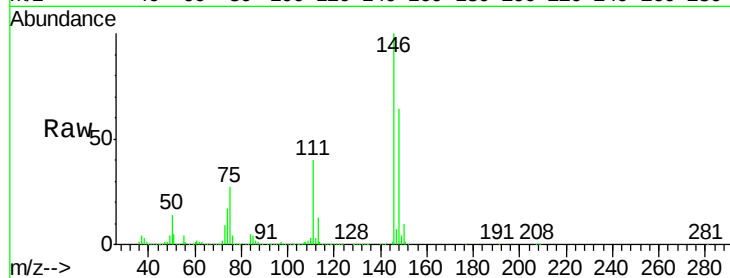
Tgt Ion:146 Resp: 5959006

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

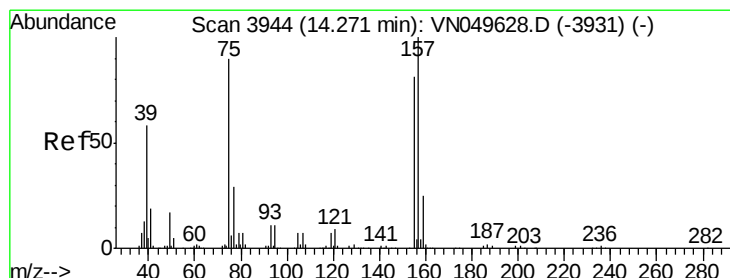
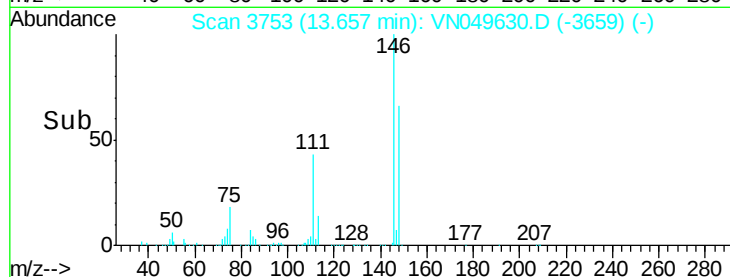
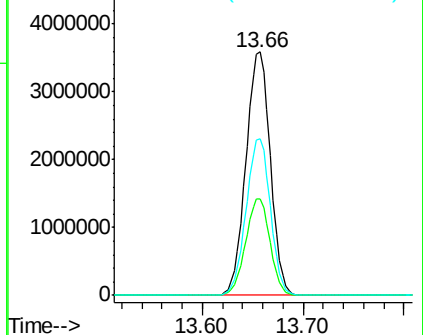
148 63.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 123.423 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049630.D

Acq: 29 Jun 2018 13:02

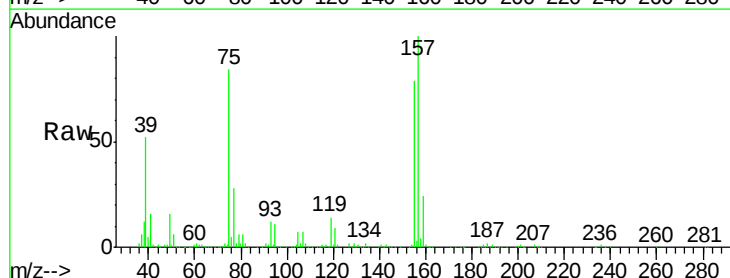
Tgt Ion: 75 Resp: 472407

Ion Ratio Lower Upper

75 100

155 94.7 45.7 137.1

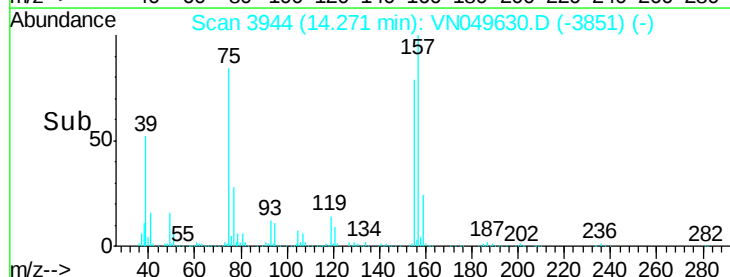
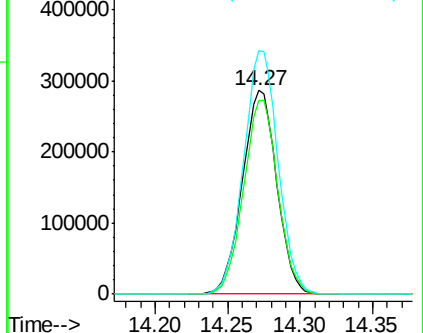
157 120.2 56.9 170.7

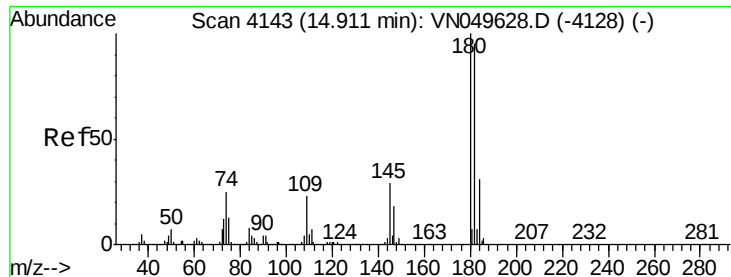


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

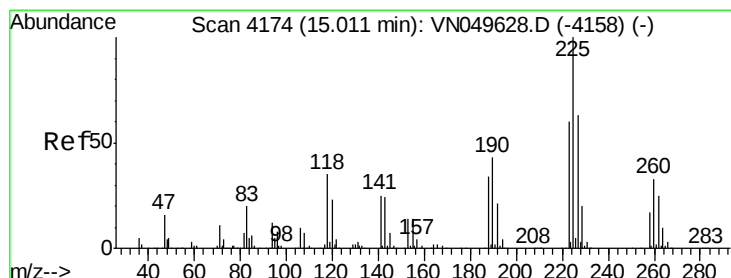
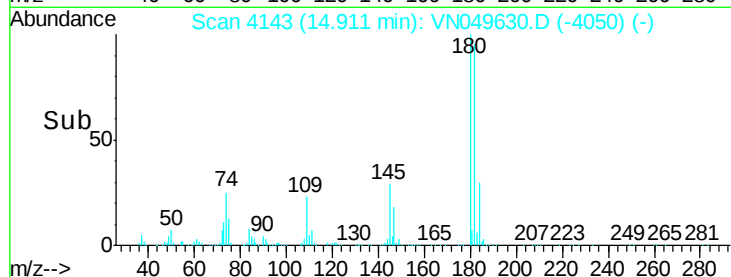
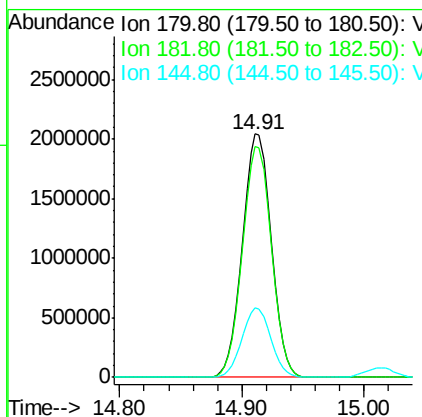
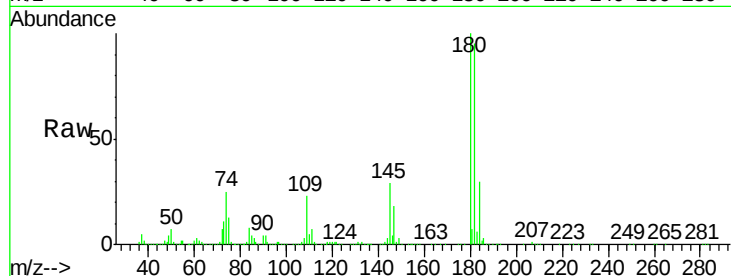




#93
 1,2,4-Trichlorobenzene
 Concen: 158.735 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

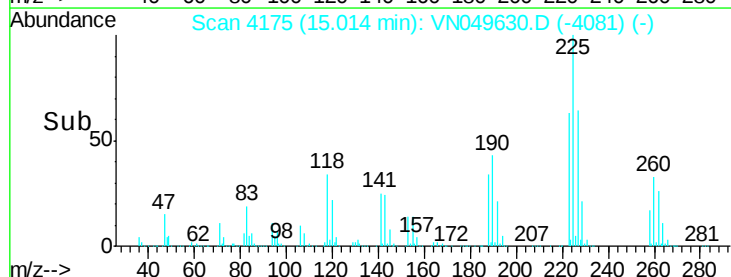
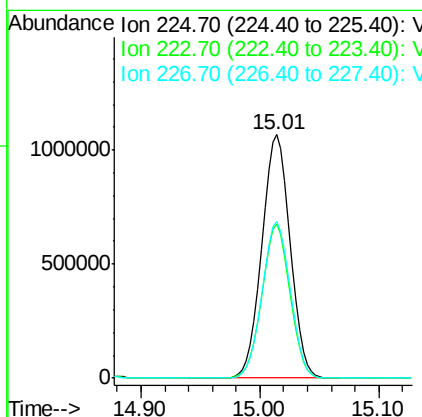
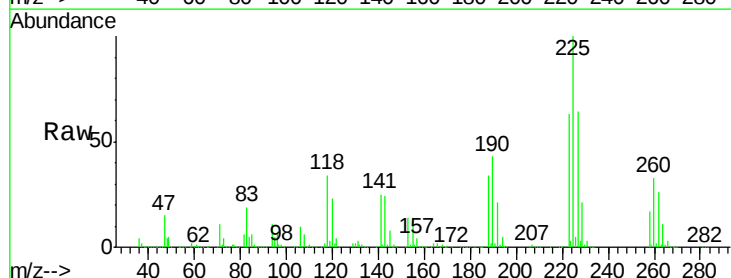
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

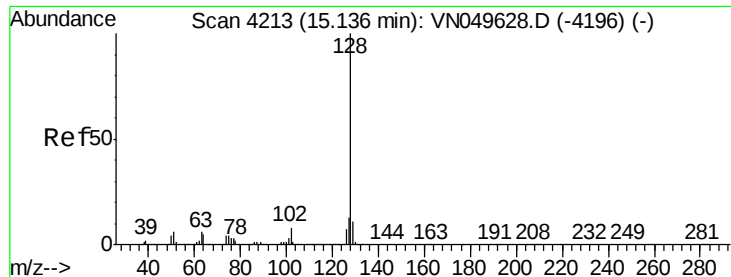
Tgt Ion:180 Resp: 3313096
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 28.8 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 120.942 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049630.D
 Acq: 29 Jun 2018 13:02

Tgt Ion:225 Resp: 1750731
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 64.3 31.8 95.4

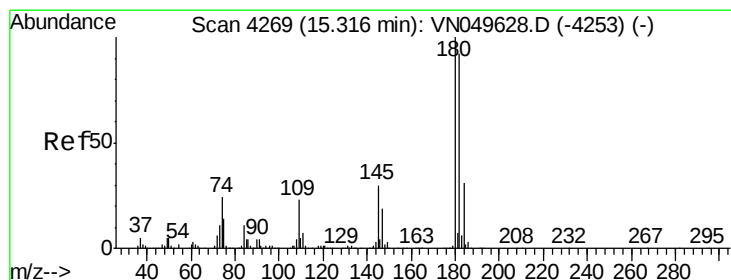
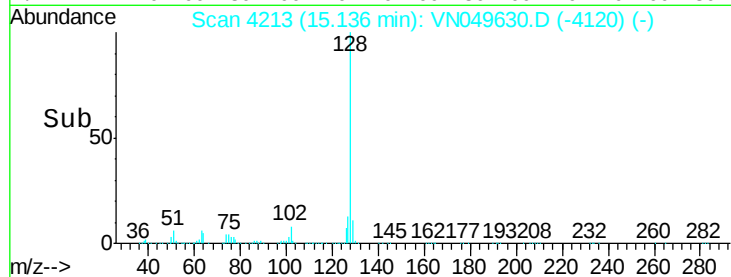
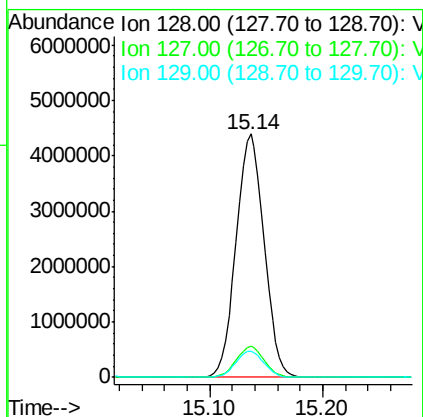
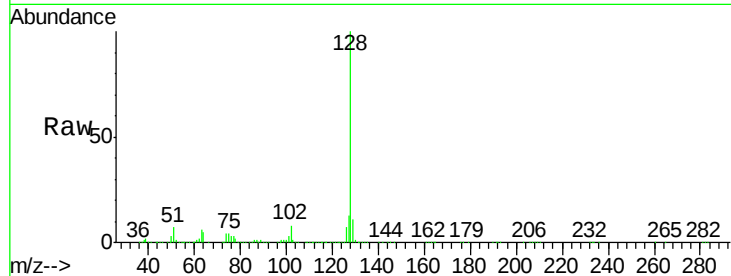




#95
Naphthalene
Concen: 168.816 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 7559832
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 145.062 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049630.D
Acq: 29 Jun 2018 13:02

Tgt Ion:180 Resp: 3115126
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 30.2 15.2 45.6

