

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
 Data File : VN049262.D
 Acq On : 15 Jun 2018 14:53
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 15 15:46:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1481510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2186398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1972217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	937142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	394856	16.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.02%	
35) Dibromofluoromethane	7.59	113	350038	19.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.68%	
50) Toluene-d8	10.09	98	1326974	18.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.70%	
62) 4-Bromofluorobenzene	12.40	95	418778	17.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	325879	15.271	ug/l	98
3) Chloromethane	2.06	50	409474	18.779	ug/l	98
4) Vinyl Chloride	2.18	62	434452	19.431	ug/l	98
5) Bromomethane	2.57	94	217193	16.112	ug/l	100
6) Chloroethane	2.71	64	268325	17.771	ug/l	96
7) Trichlorofluoromethane	3.02	101	562299	17.862	ug/l	100
8) Diethyl Ether	3.41	74	195845	16.752	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	355681	17.453	ug/l	93
10) Methyl Iodide	3.95	142	361425	18.240	ug/l	91
11) Tert butyl alcohol	4.80	59	105274	80.734	ug/l	97
12) 1,1-Dichloroethene	3.73	96	324602	17.542	ug/l	89
13) Acrolein	3.61	56	129379	72.874	ug/l	96
14) Allyl chloride	4.32	41	505359	14.543	ug/l	88
15) Acrylonitrile	4.99	53	553307	78.837	ug/l	99
16) Acetone	3.82	43	451599	79.006	ug/l #	89
17) Carbon Disulfide	4.05	76	964349	15.277	ug/l	99
18) Methyl Acetate	4.33	43	276699	11.510	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	831456	16.491	ug/l	99
20) Methylene Chloride	4.55	84	378622	16.311	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	340827	16.615	ug/l	91
22) Diisopropyl ether	5.96	45	1054019	15.196	ug/l	98
23) Vinyl Acetate	5.90	43	3354630	73.167	ug/l	95
24) 1,1-Dichloroethane	5.85	63	656960	15.894	ug/l	99
25) 2-Butanone	6.84	43	610357	74.572	ug/l	96
26) 2,2-Dichloropropane	6.82	77	535440	17.275	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	382407	17.118	ug/l	93
28) Bromochloromethane	7.19	49	299562	15.270	ug/l	84
29) Tetrahydrofuran	7.22	42	393936	74.814	ug/l	95
30) Chloroform	7.37	83	657033	16.543	ug/l	99
31) Cyclohexane	7.65	56	570732	13.821	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	566790	16.569	ug/l	97
36) 1,1-Dichloropropene	7.79	75	489865	17.933	ug/l	98
37) Ethyl Acetate	6.93	43	277154	16.072	ug/l	98
38) Carbon Tetrachloride	7.77	117	506913	18.420	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	512622	18.166	ug/l	96
40) Benzene	8.04	78	1504341	18.177	ug/l	99
41) Methacrylonitrile	7.18	41	156334	16.024	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	459900	16.838	ug/l	96
43) Isopropyl Acetate	8.17	43	495544	15.629	ug/l	94
44) Trichloroethene	8.84	130	397840	19.251	ug/l	93
45) 1,2-Dichloropropane	9.12	63	396232	17.406	ug/l	100
46) Dibromomethane	9.21	93	228128	18.140	ug/l	90
47) Bromodichloromethane	9.40	83	497428	17.561	ug/l	96
48) Methyl methacrylate	9.20	41	240897	15.549	ug/l	87
49) 1,4-Dioxane	9.20	88	63862	349.062	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1337451	79.207	ug/l	94
52) Toluene	10.16	92	909057	18.878	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	471730	17.516	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	558409	17.893	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	333536	18.874	ug/l	98
56) Ethyl methacrylate	10.43	69	372142	17.468	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	549297	18.126	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	547454	79.315	ug/l	95
59) 2-Hexanone	10.75	43	839172	79.757	ug/l	93
60) Dibromochloromethane	10.90	129	364700	18.609	ug/l	100
61) 1,2-Dibromoethane	11.01	107	301333	18.437	ug/l	98
64) Tetrachloroethene	10.63	164	405603	20.526	ug/l	97
65) Chlorobenzene	11.44	112	983215	19.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	371756	19.210	ug/l	99
67) Ethyl Benzene	11.51	91	1650177	18.801	ug/l	98
68) m/p-Xylenes	11.62	106	1277126	39.790	ug/l	97
69) o-Xylene	11.95	106	609483	19.717	ug/l	95
70) Styrene	11.97	104	965743	19.734	ug/l	98
71) Bromoform	12.13	173	238378	19.708	ug/l #	98
73) Isopropylbenzene	12.25	105	1620018	17.998	ug/l	98
74) N-amyl acetate	12.07	43	363518	14.177	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	379718	16.529	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	458212	25.061	ug/l #	100
77) Bromobenzene	12.53	156	402315	18.211	ug/l	91
78) n-propylbenzene	12.59	91	1801512	18.016	ug/l	99
79) 2-Chlorotoluene	12.68	91	1118142	17.731	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1328366	19.247	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	93675	16.701	ug/l	94
82) 4-Chlorotoluene	12.78	91	1094889	18.304	ug/l	97
83) tert-Butylbenzene	12.99	119	1111466	18.695	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1337384	19.496	ug/l	98
85) sec-Butylbenzene	13.17	105	1484522	18.730	ug/l	98
86) p-Isopropyltoluene	13.29	119	1248062	19.442	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	686922	19.507	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	657319	18.952	ug/l	100
89) n-Butylbenzene	13.62	91	900080	18.163	ug/l	98
90) Hexachloroethane	13.88	117	258268	17.069	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	680112	19.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	52385	16.731	ug/l	87

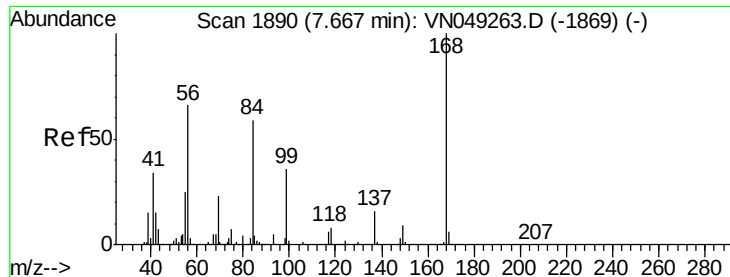
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
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Quant Title : SW846 8260
QLast Update : Fri Jun 15 15:46:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	214892	16.910	ug/l	99
94) Hexachlorobutadiene	15.01	225	216306	20.649	ug/l	98
95) Naphthalene	15.14	128	411229	14.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	234935	17.173	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

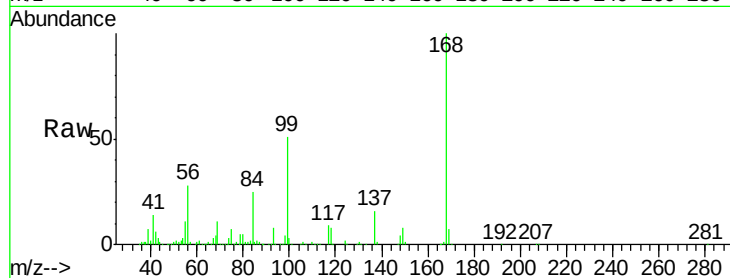
VSTDIC020

Tgt Ion:168 Resp: 1481510

Ion Ratio Lower Upper

168 100

99 51.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

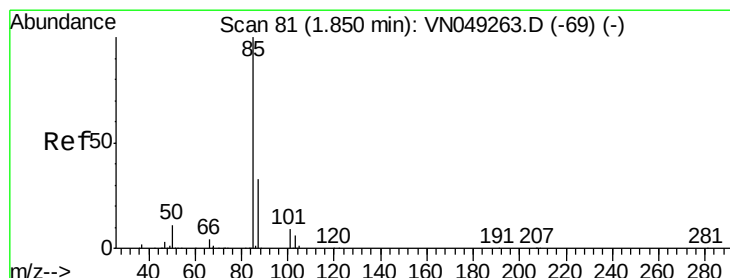
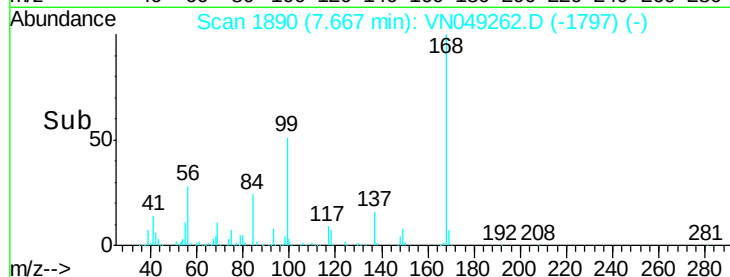
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 15.271 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049262.D

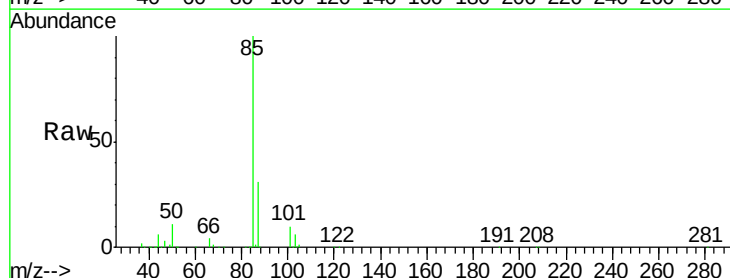
Acq: 15 Jun 2018 14:53

Tgt Ion: 85 Resp: 325879

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

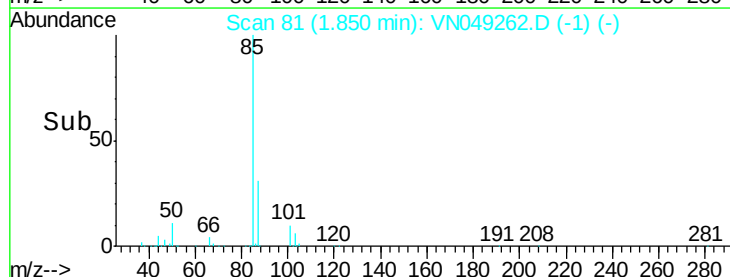
150000

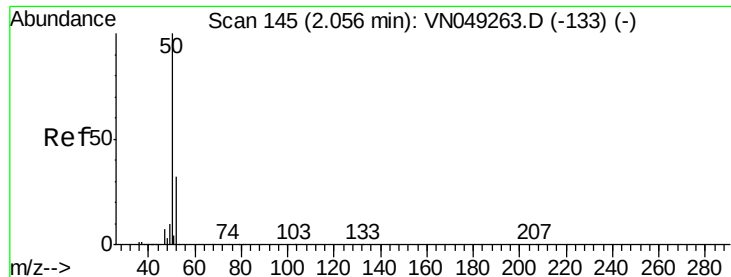
100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 18.779 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

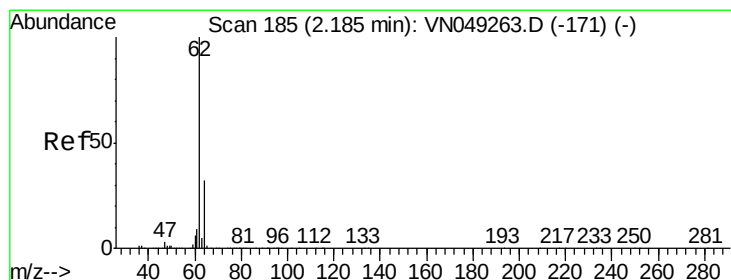
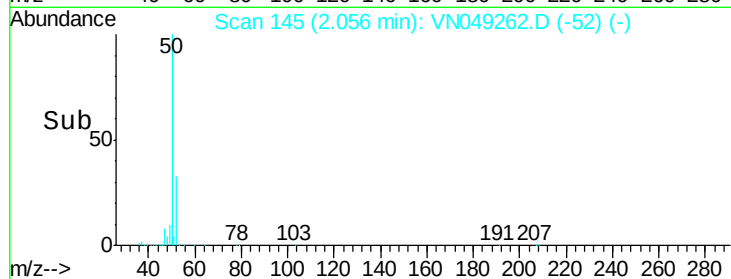
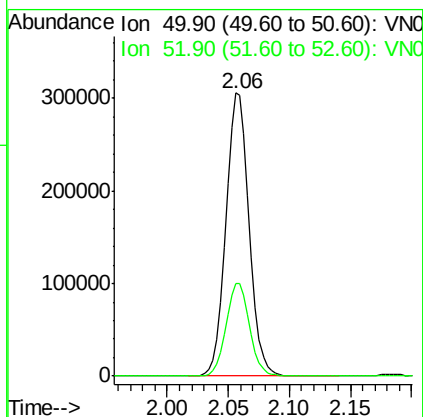
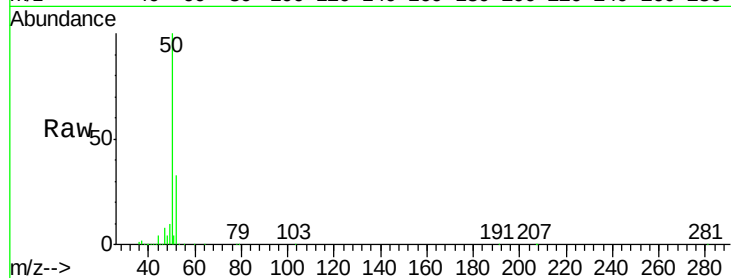
VSTDIC020

Tgt Ion: 50 Resp: 409474

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 19.431 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049262.D

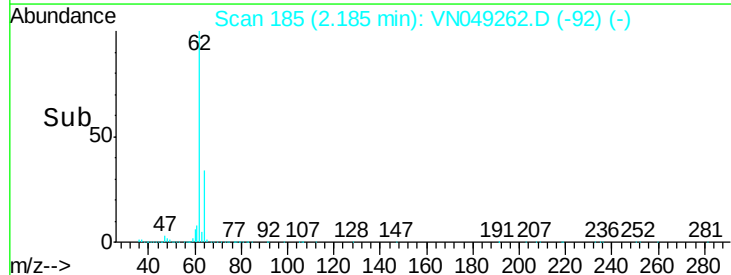
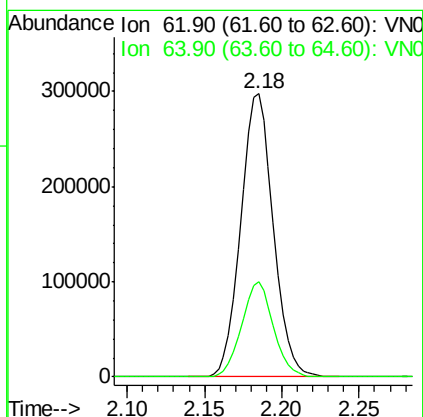
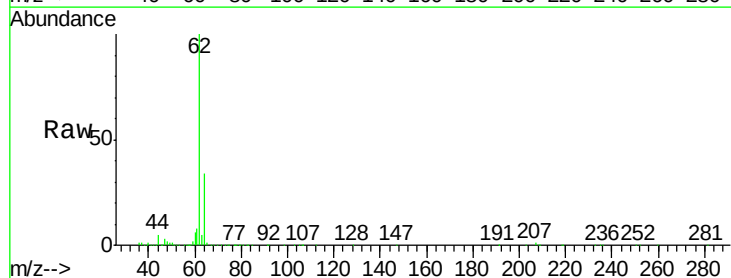
Acq: 15 Jun 2018 14:53

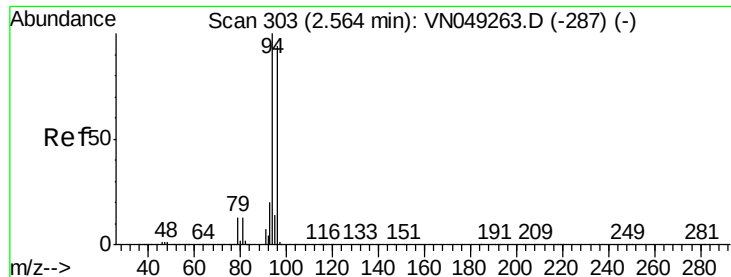
Tgt Ion: 62 Resp: 434452

Ion Ratio Lower Upper

62 100

64 33.5 25.7 38.5





#5

Bromomethane

Concen: 16.112 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

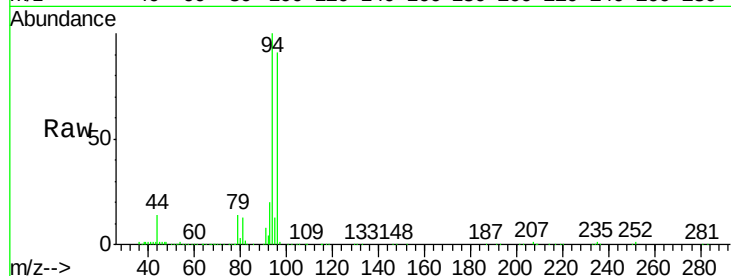
VSTDIC020

Tgt Ion: 94 Resp: 217193

Ion Ratio Lower Upper

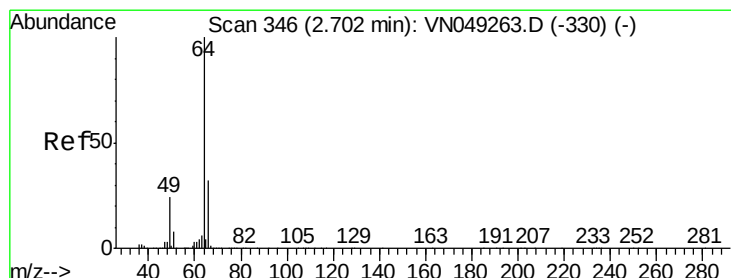
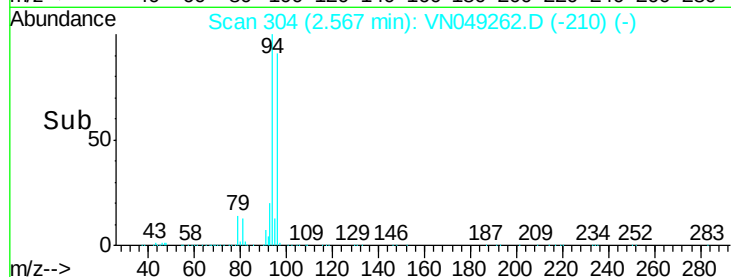
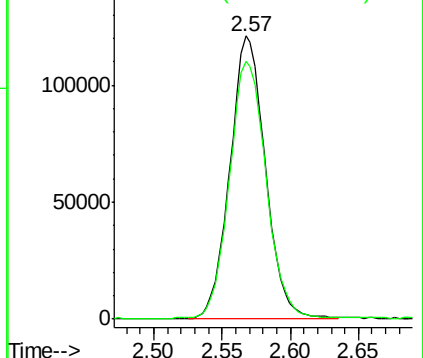
94 100

96 90.6 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.771 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049262.D

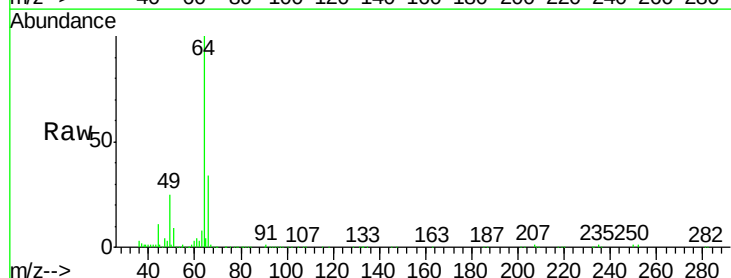
Acq: 15 Jun 2018 14:53

Tgt Ion: 64 Resp: 268325

Ion Ratio Lower Upper

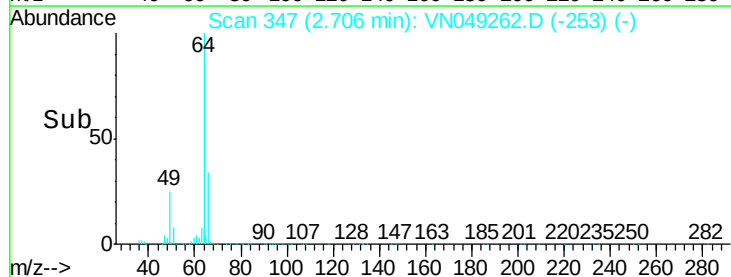
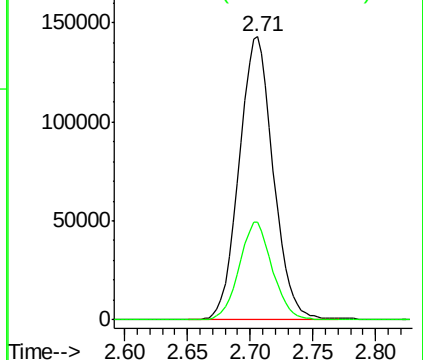
64 100

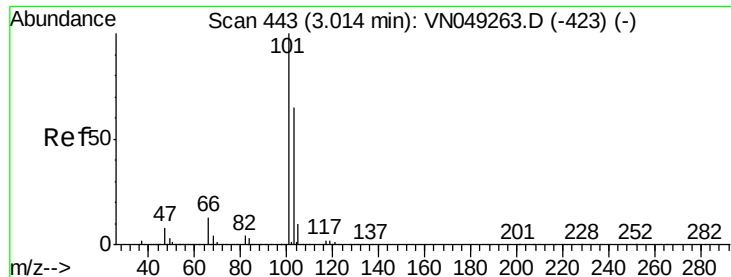
66 34.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



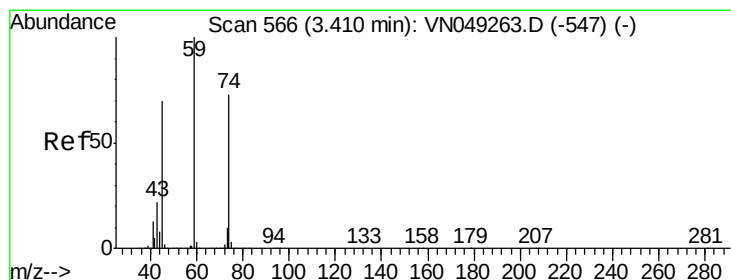
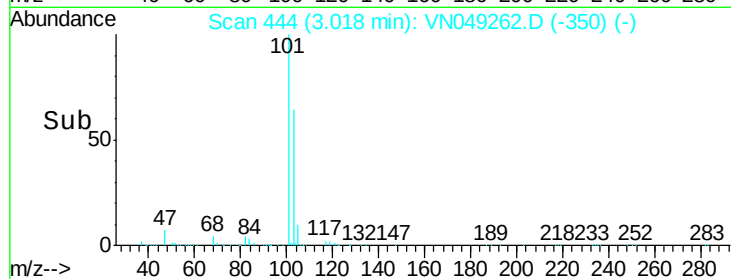
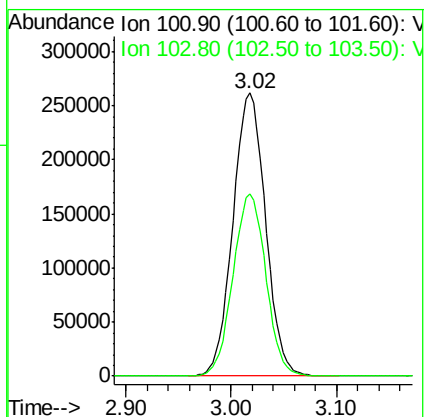
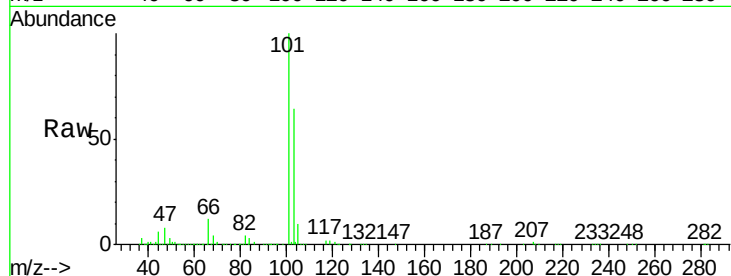


#7

Trichlorofluoromethane
 Concen: 17.862 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Instrument :
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 VSTDIC020

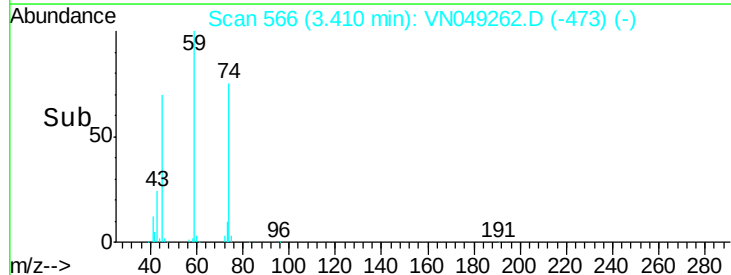
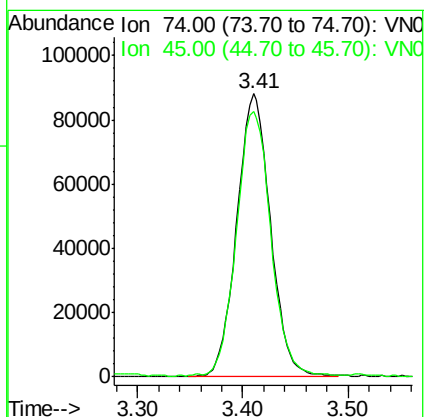
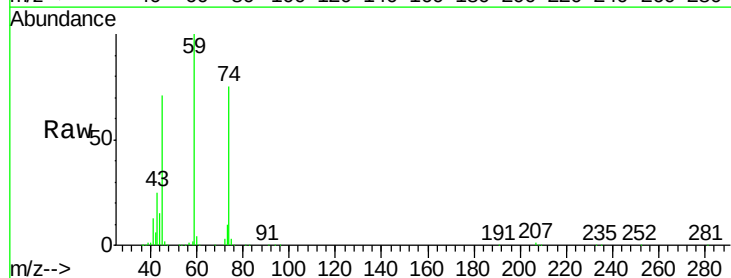
Tgt Ion:101 Resp: 562299
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.7 77.5

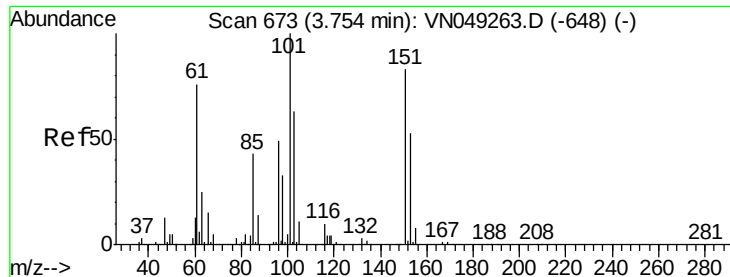


#8

Diethyl Ether
 Concen: 16.752 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 74 Resp: 195845
 Ion Ratio Lower Upper
 74 100
 45 95.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.453 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

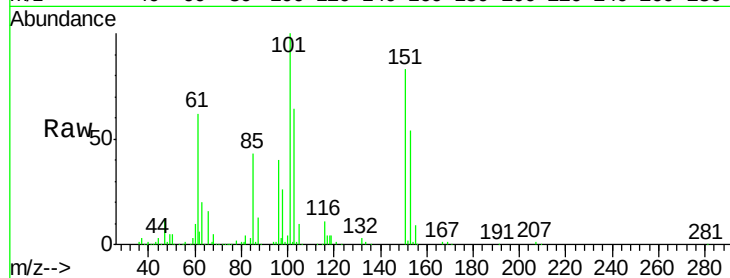
Tgt Ion:101 Resp: 355681

Ion Ratio Lower Upper

101 100

85 42.5 37.6 56.4

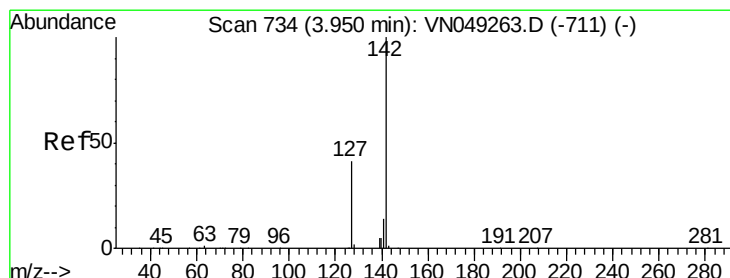
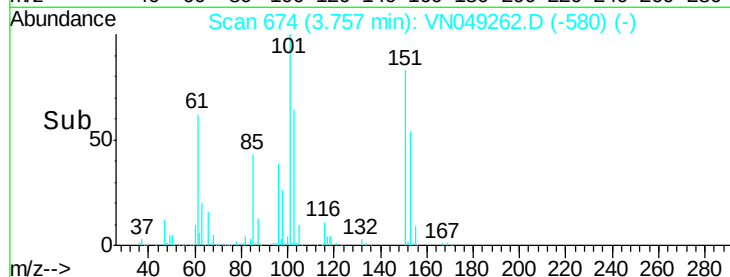
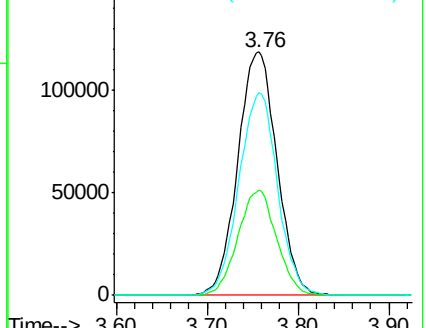
151 82.2 61.1 91.7



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: 18.240 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

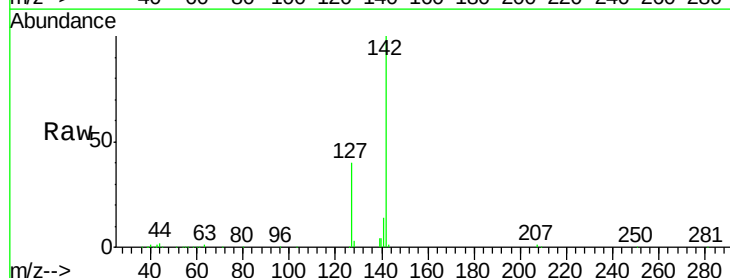
Tgt Ion:142 Resp: 361425

Ion Ratio Lower Upper

142 100

127 40.7 38.2 57.4

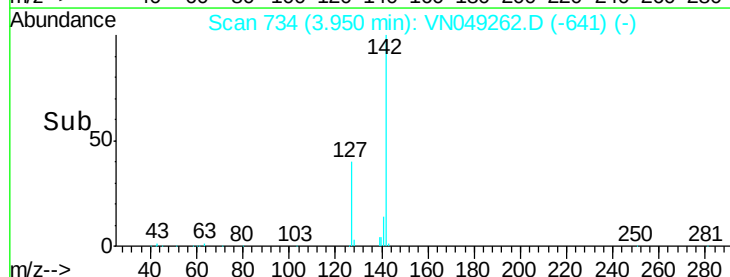
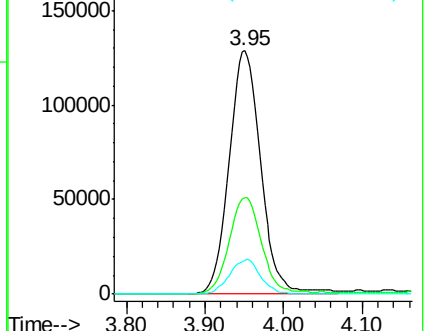
141 13.8 11.9 17.9

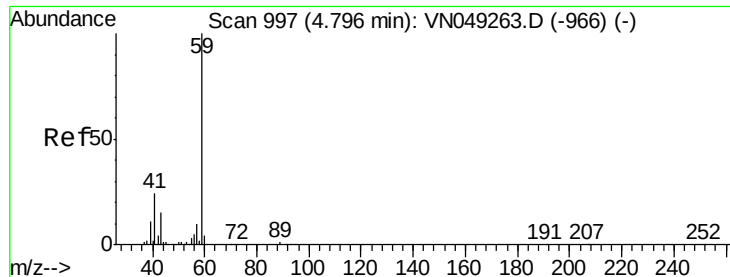


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

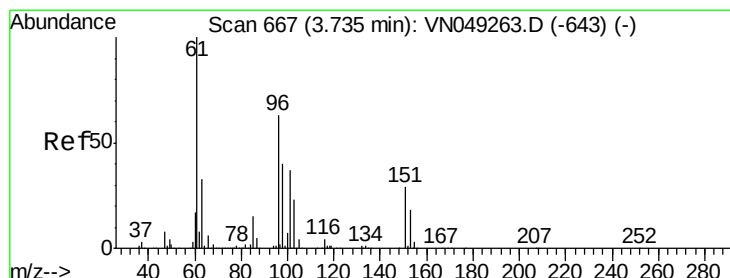
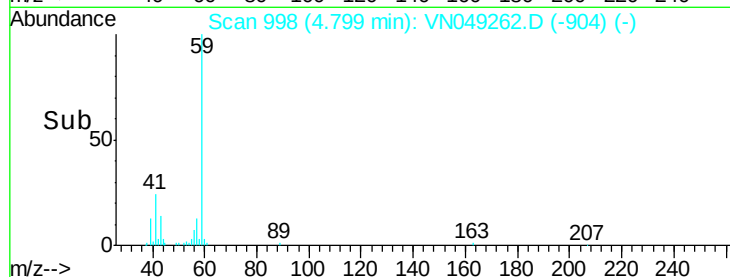
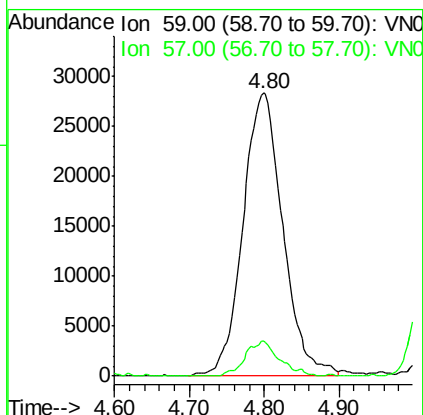
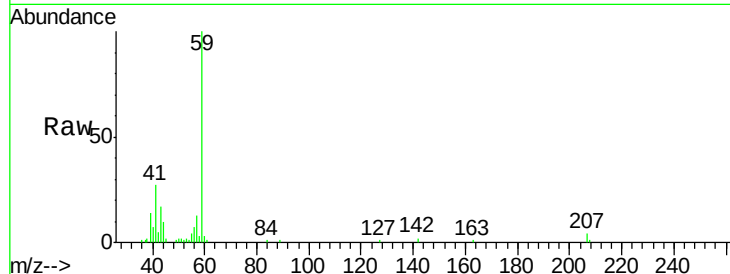




#11
Tert butyl alcohol
Concen: 80.734 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

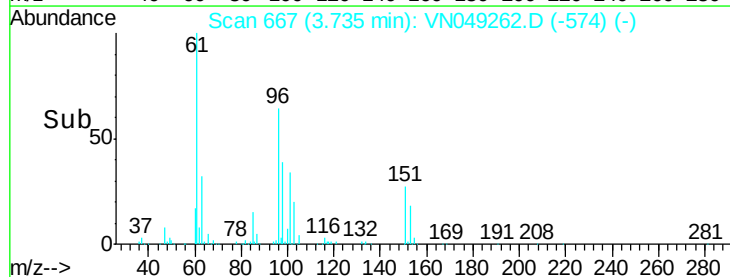
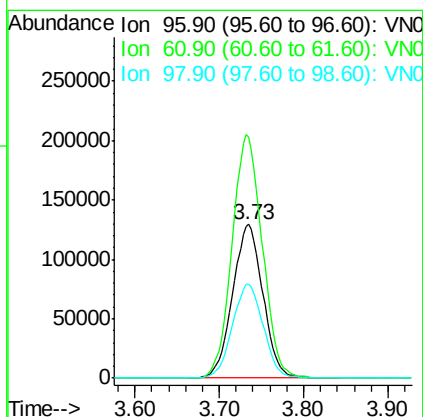
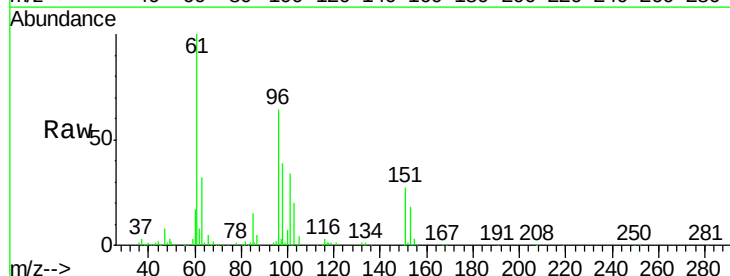
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

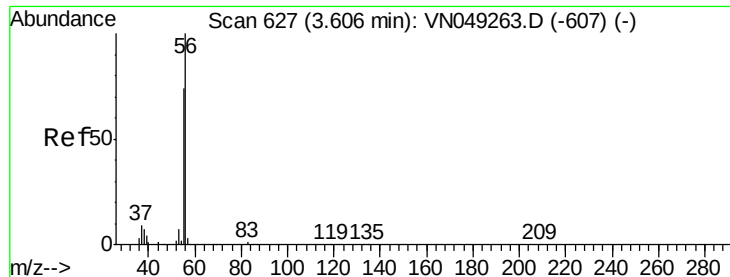
Tgt Ion: 59 Resp: 105274
Ion Ratio Lower Upper
59 100
57 10.1 9.0 13.6



#12
1,1-Dichloroethene
Concen: 17.542 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 96 Resp: 324602
Ion Ratio Lower Upper
96 100
61 156.9 141.0 211.4
98 61.4 50.4 75.6





#13

Acrolein

Concen: 72.874 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

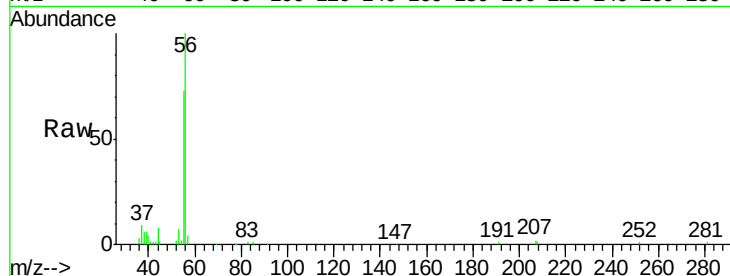
VSTDIC020

Tgt Ion: 56 Resp: 129379

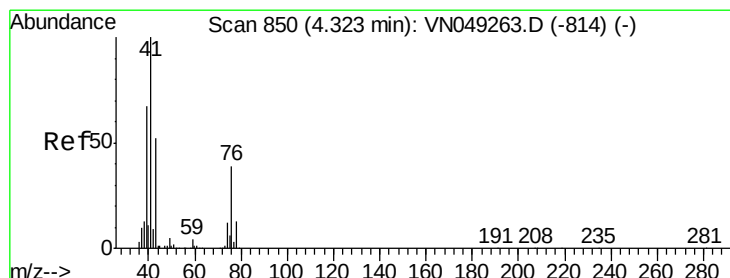
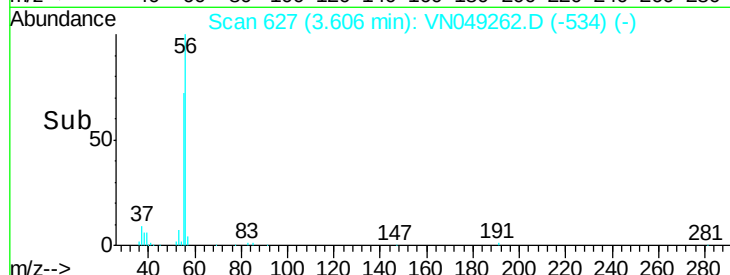
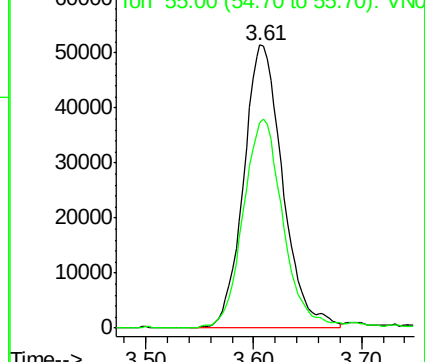
Ion Ratio Lower Upper

56 100

55 75.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049262.D (-534) (-)



#14

Allyl chloride

Concen: 14.543 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

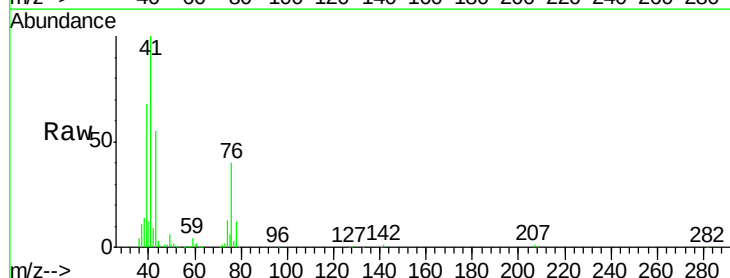
Tgt Ion: 41 Resp: 505359

Ion Ratio Lower Upper

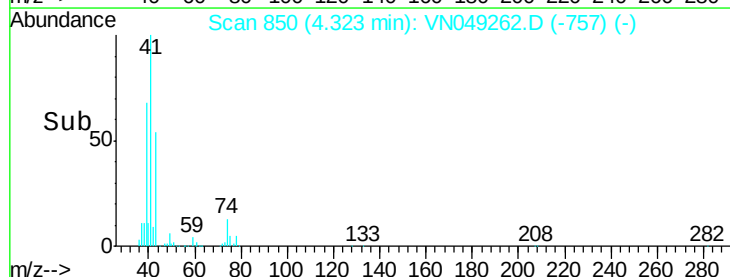
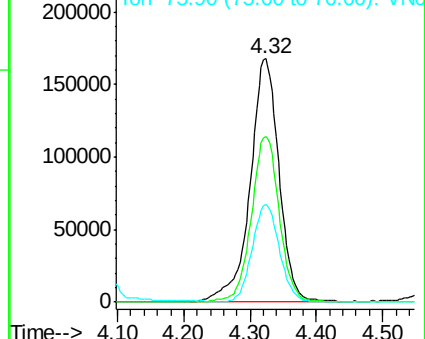
41 100

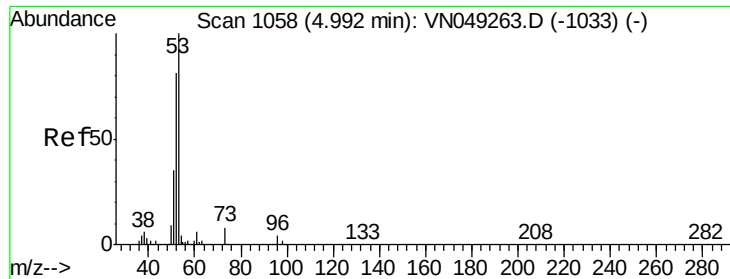
39 65.4 62.5 93.7

76 37.8 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN049262.D (-757) (-)

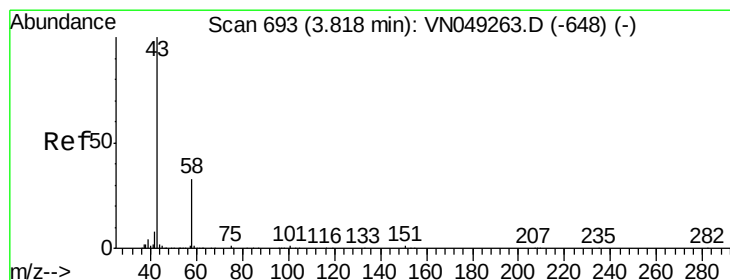
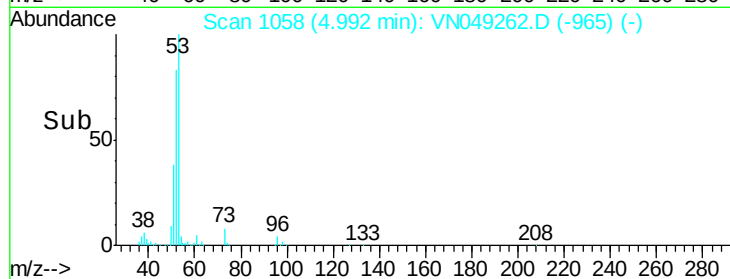
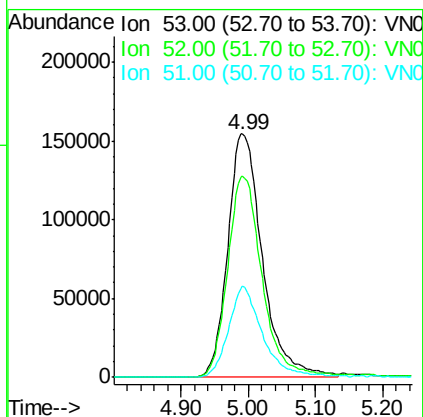
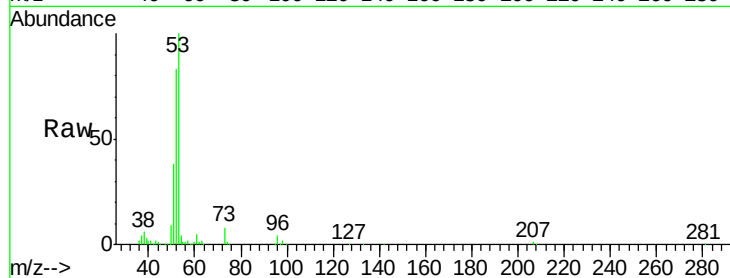




#15
 Acrylonitrile
 Concen: 78.837 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

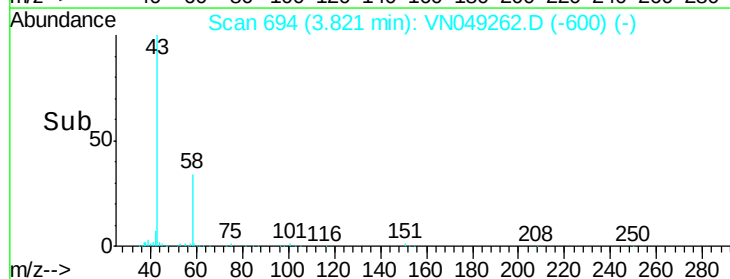
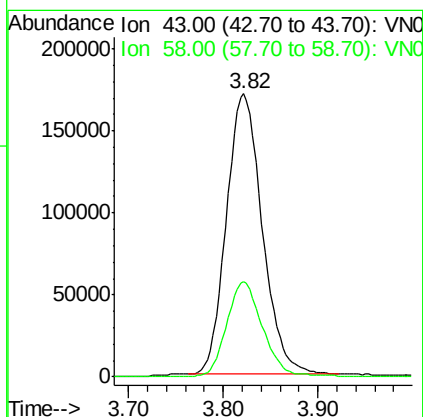
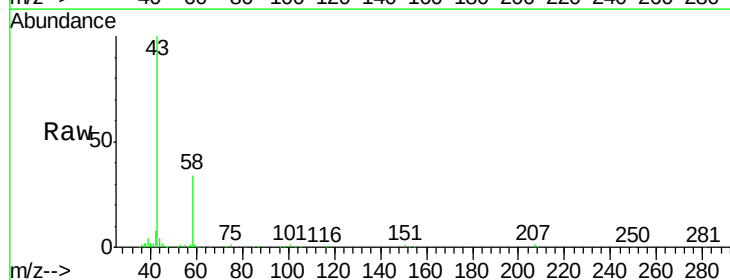
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

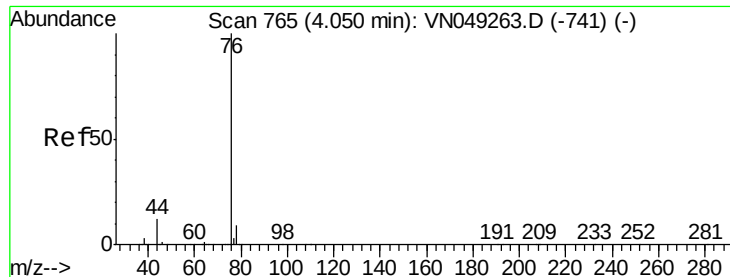
Tgt Ion:	53	Resp:	553307
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.6	100.0
51	36.1	29.8	44.8



#16
 Acetone
 Concen: 79.006 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion:	43	Resp:	451599
Ion	Ratio	Lower	Upper
43	100		
58	33.9	22.4	33.6#





#17

Carbon Disulfide

Concen: 15.277 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

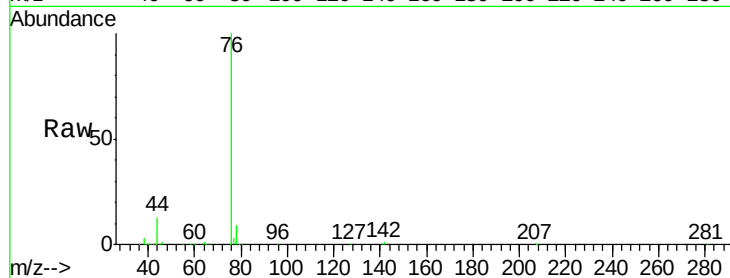
VSTDIC020

Tgt Ion: 76 Resp: 964349

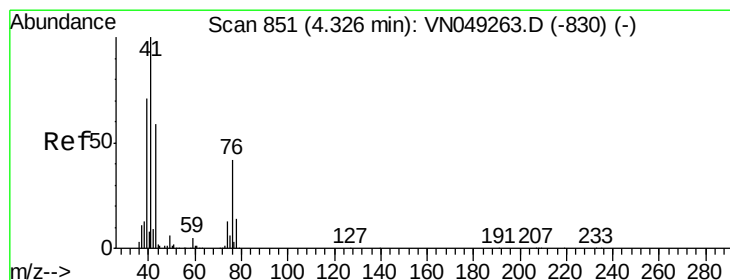
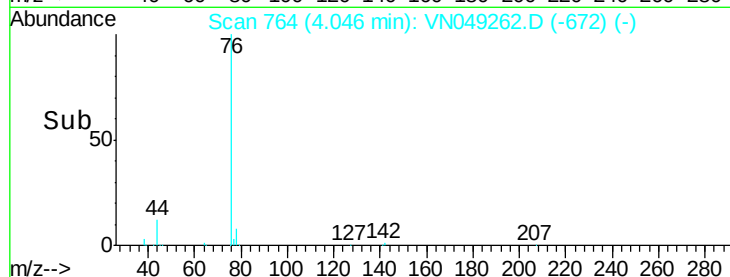
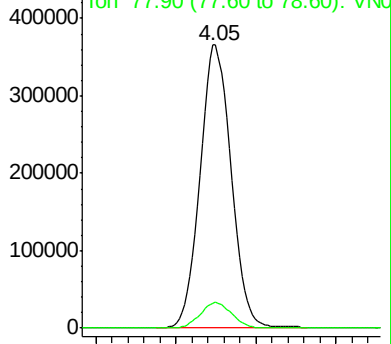
Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049262.D (-672) (-)



#18

Methyl Acetate

Concen: 11.510 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049262.D

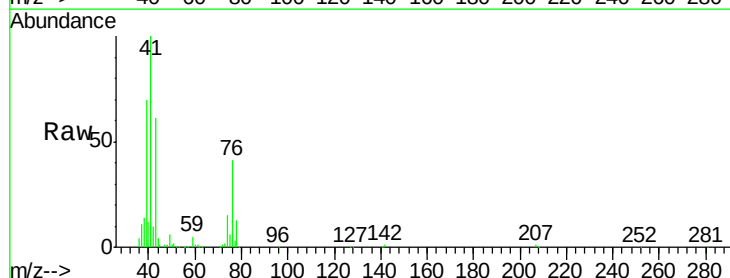
Acq: 15 Jun 2018 14:53

Tgt Ion: 43 Resp: 276699

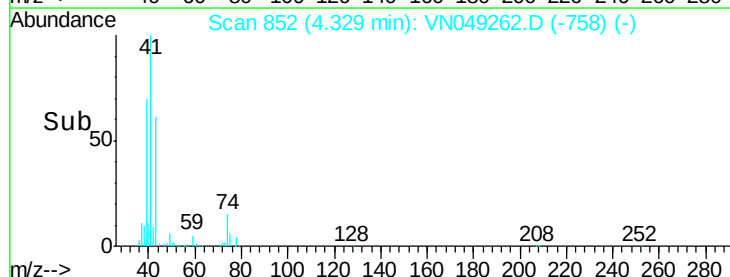
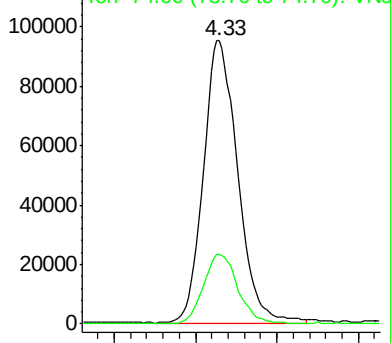
Ion Ratio Lower Upper

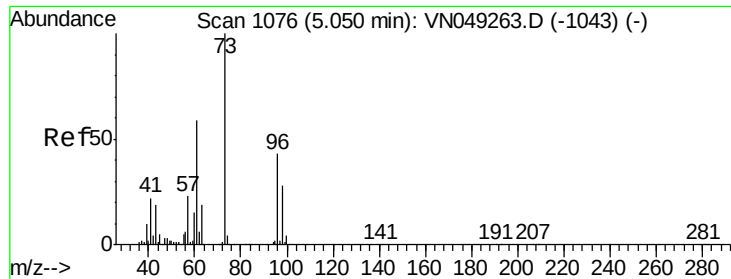
43 100

74 24.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049262.D (-758) (-)





#19

Methyl tert-butyl Ether

Concen: 16.491 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

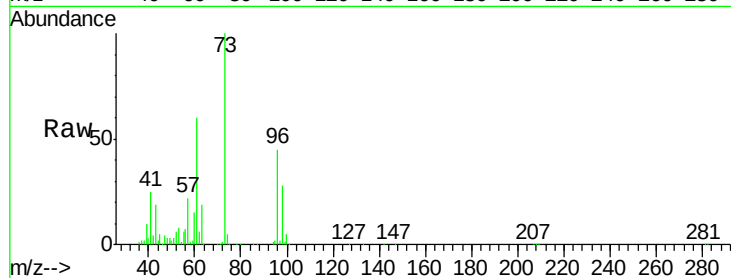
VSTDIC020

Tgt Ion: 73 Resp: 831456

Ion Ratio Lower Upper

73 100

57 22.4 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VN049263.D

Ion 57.00 (56.70 to 57.70): VN049263.D

5.05

250000

200000

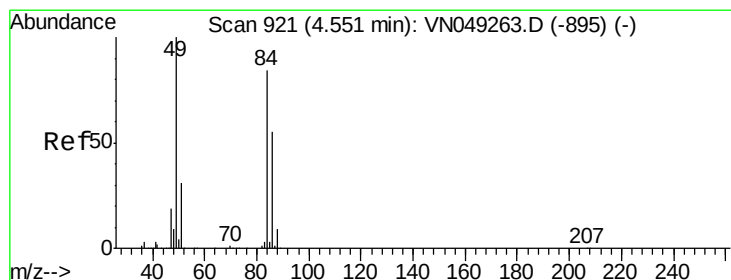
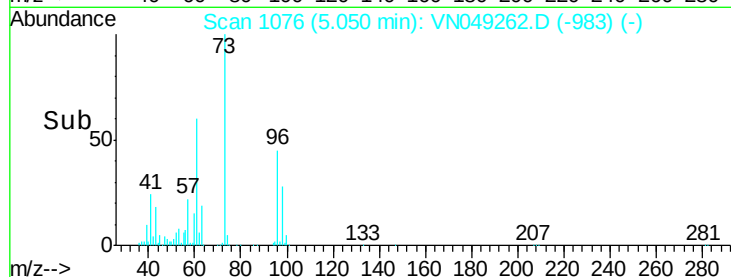
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 16.311 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Tgt Ion: 84 Resp: 378622

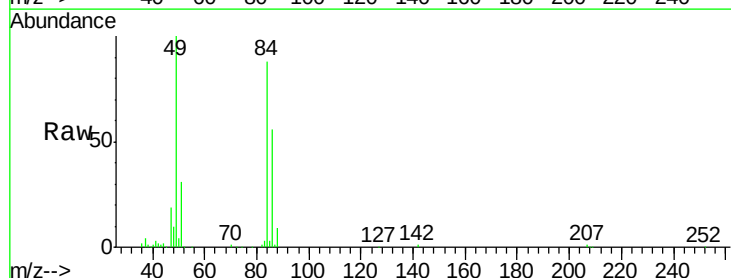
Ion Ratio Lower Upper

84 100

49 114.0 106.9 160.3

51 35.7 32.7 49.1

86 63.9 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN049263.D

Ion 48.90 (48.60 to 49.60): VN049263.D

Ion 50.90 (50.60 to 51.60): VN049263.D

Ion 85.90 (85.60 to 86.60): VN049263.D

4.55

200000

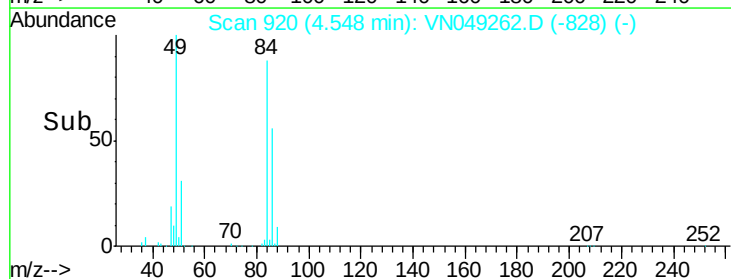
150000

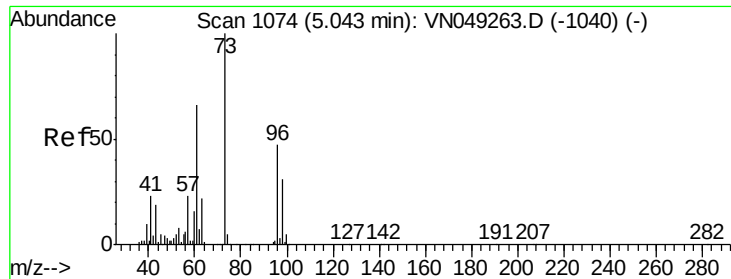
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 16.615 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

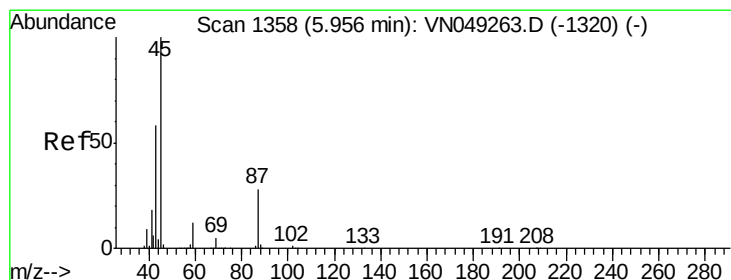
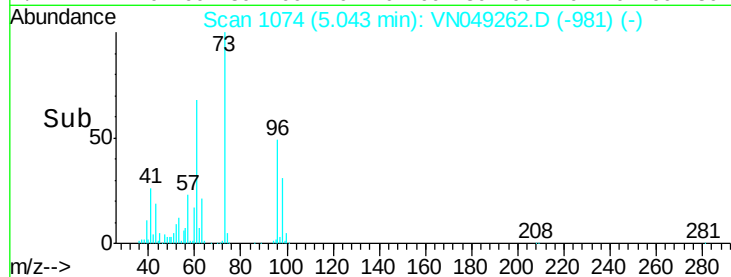
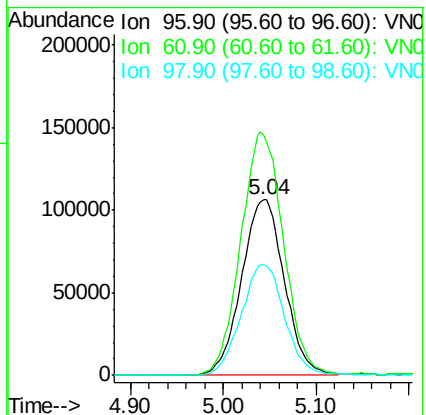
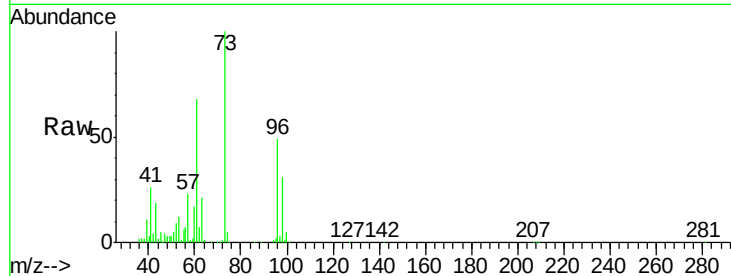
Tgt Ion: 96 Resp: 340827

Ion Ratio Lower Upper

96 100

61 136.7 121.3 181.9

98 63.3 52.0 78.0



#22

Diisopropyl ether

Concen: 15.196 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Tgt Ion: 45 Resp: 1054019

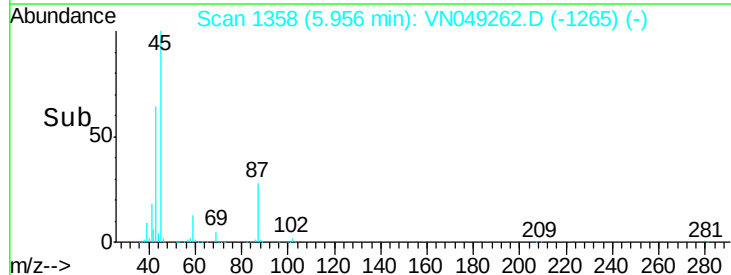
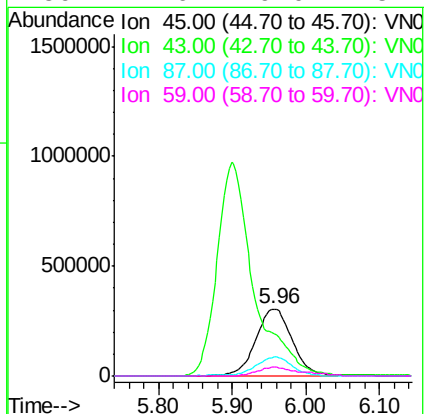
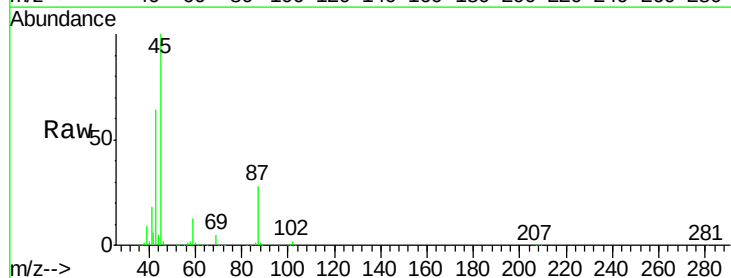
Ion Ratio Lower Upper

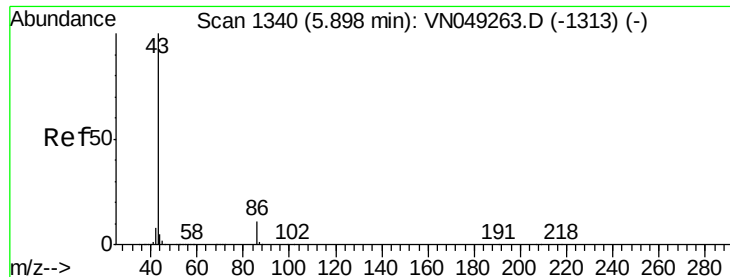
45 100

43 61.5 48.6 72.8

87 27.5 20.2 30.2

59 12.6 9.0 13.4





#23

Vinyl Acetate

Concen: 73.167 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampled :

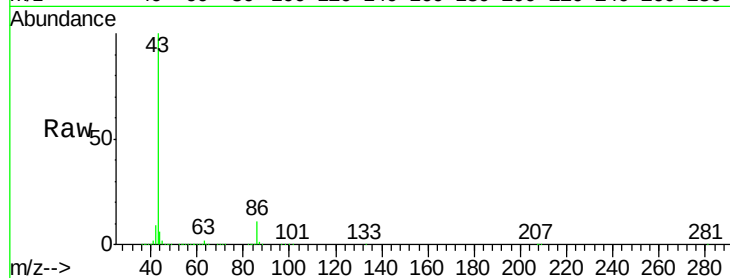
VSTDIC020

Tgt Ion: 43 Resp: 3354630

Ion Ratio Lower Upper

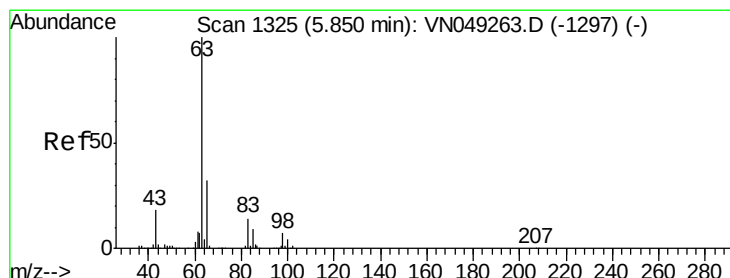
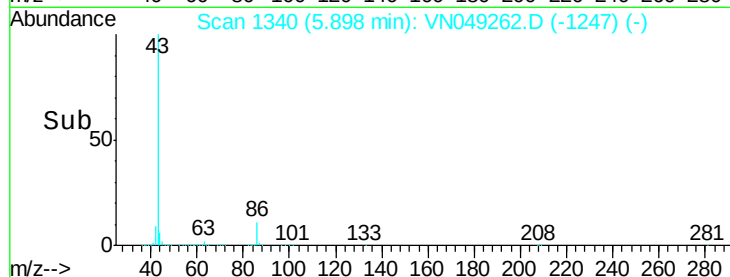
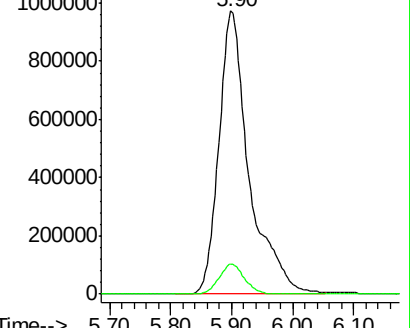
43 100

86 10.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049262.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049262.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 15.894 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

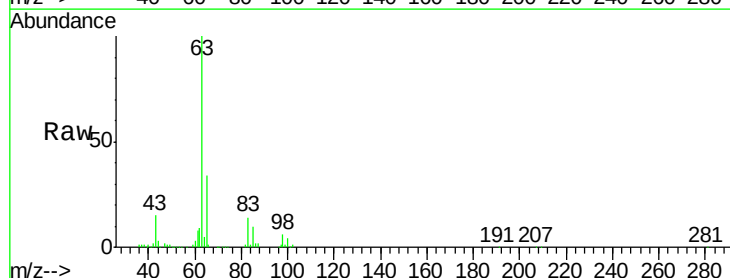
Tgt Ion: 63 Resp: 656960

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

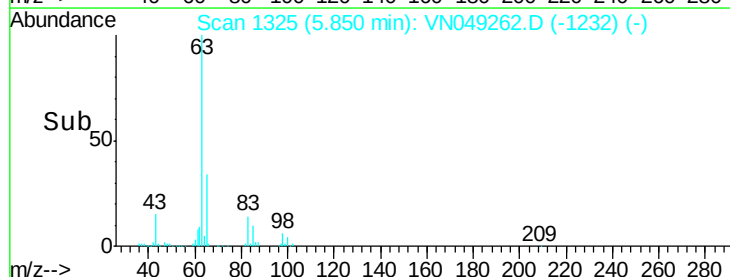
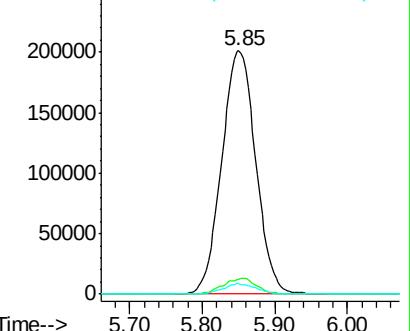
100 4.1 2.1 6.3

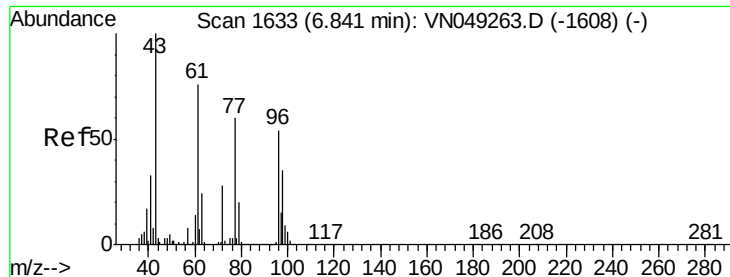


Abundance Ion 62.90 (62.60 to 63.60): VN049262.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049262.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049262.D (-1232) (-)





#25

2-Butanone

Concen: 74.572 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

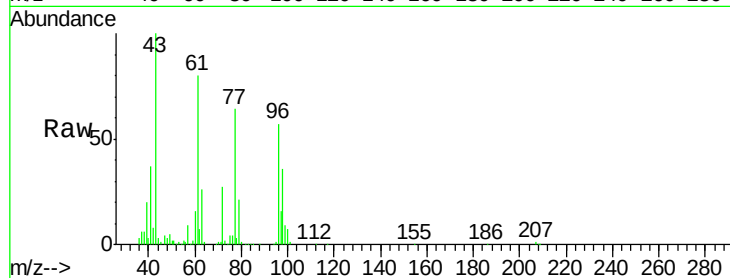
VSTDIC020

Tgt Ion: 43 Resp: 610357

Ion Ratio Lower Upper

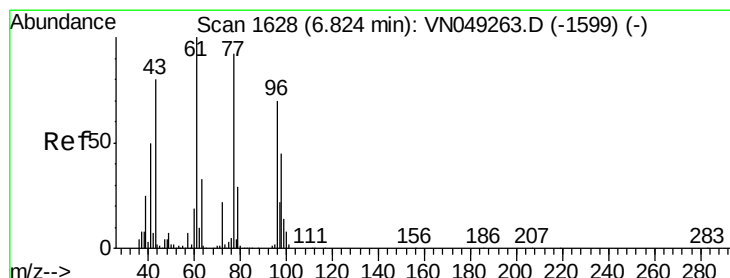
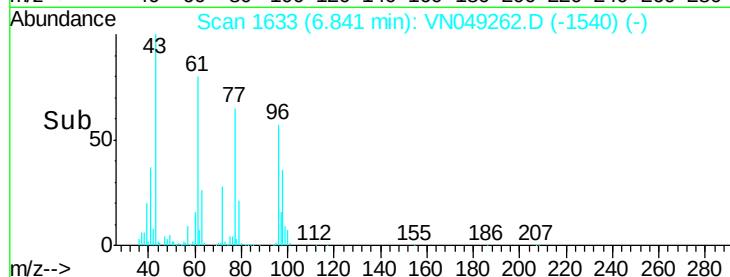
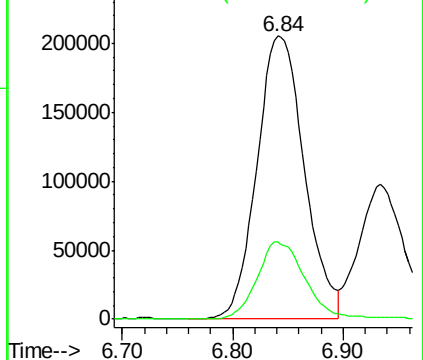
43 100

72 27.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.275 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049262.D

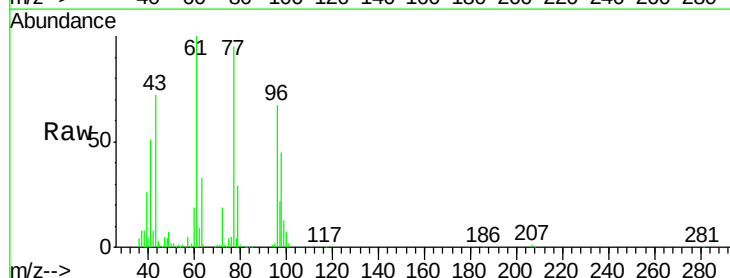
Acq: 15 Jun 2018 14:53

Tgt Ion: 77 Resp: 535440

Ion Ratio Lower Upper

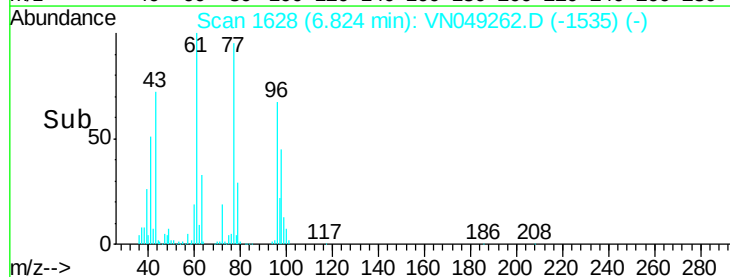
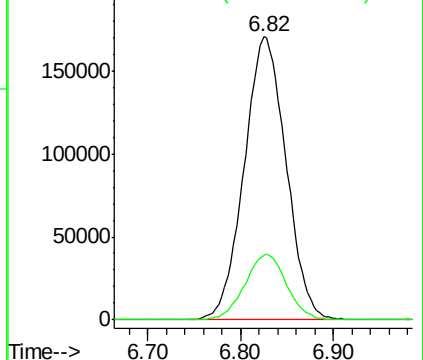
77 100

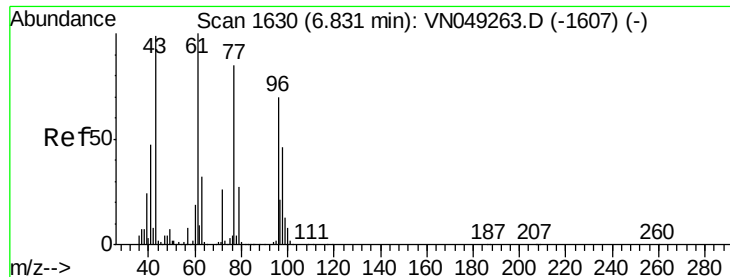
97 23.1 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 17.118 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

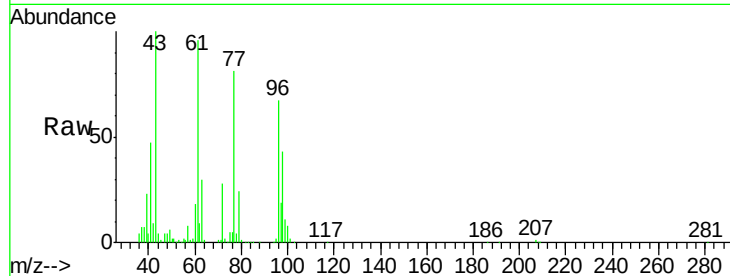
Tgt Ion: 96 Resp: 382407

Ion Ratio Lower Upper

96 100

61 144.7 0.0 316.4

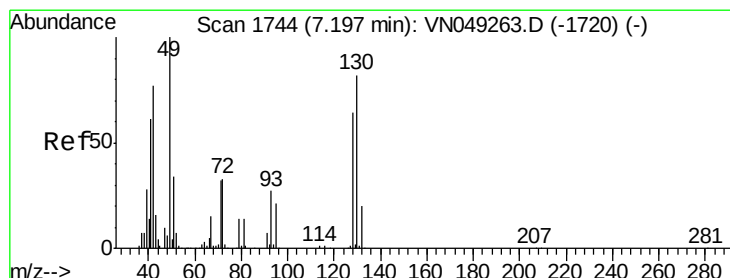
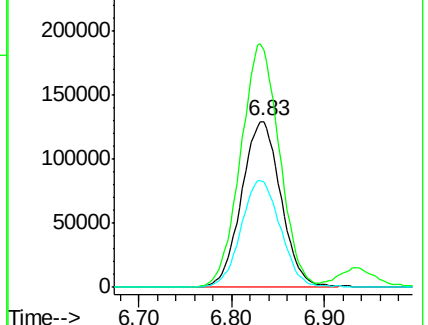
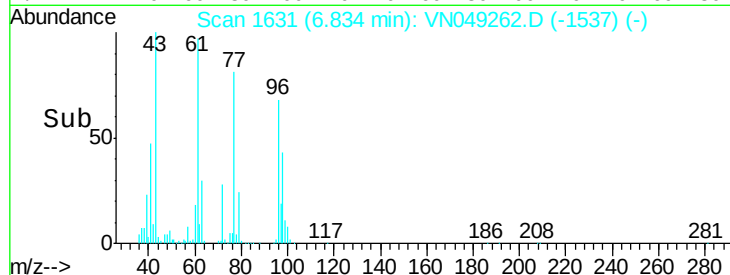
98 64.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049262.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049262.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049262.D (-1537) (-)



#28

Bromochloromethane

Concen: 15.270 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

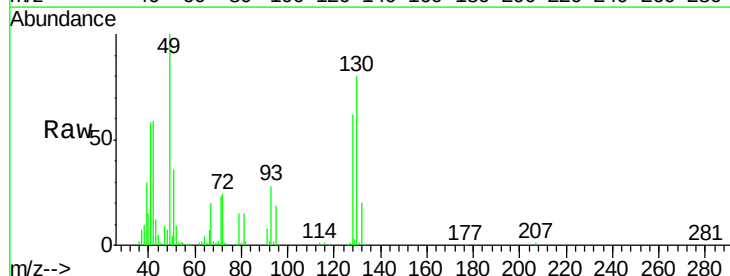
Tgt Ion: 49 Resp: 299562

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

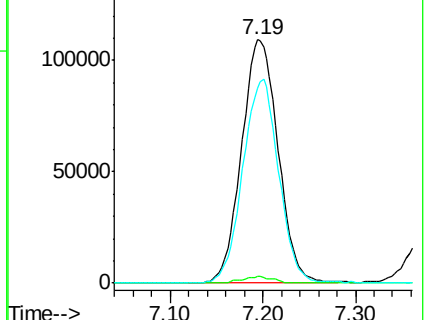
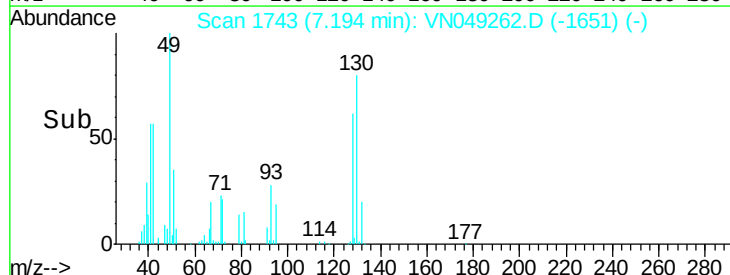
130 81.8 54.9 82.3

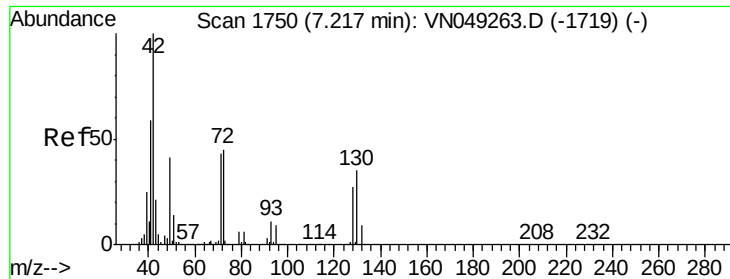


Abundance Ion 48.90 (48.60 to 49.60): VN049262.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049262.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049262.D (-1651) (-)

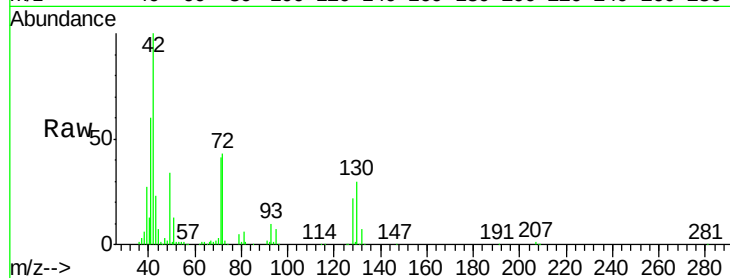




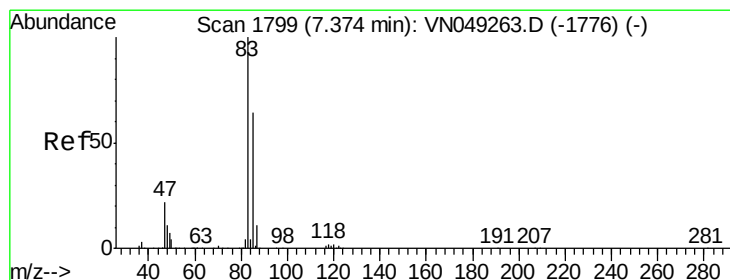
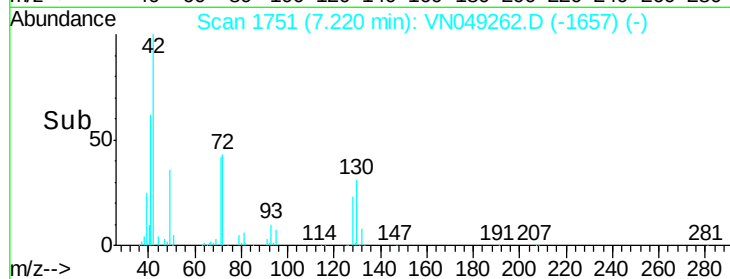
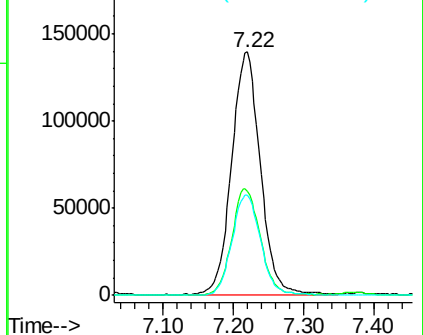
#29
Tetrahydrofuran
Concen: 74.814 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.2	48.4
71	41.5	30.5	45.7

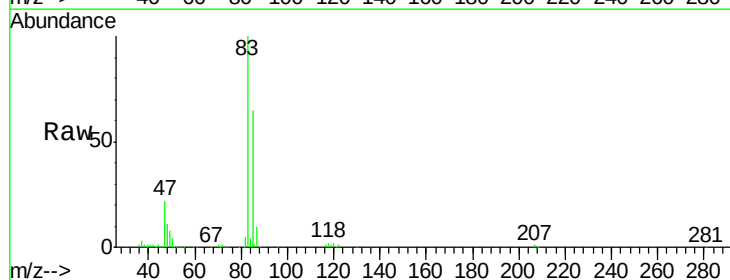


Abundance Ion 42.00 (41.70 to 42.70): VN049262.D (-1657) (-)

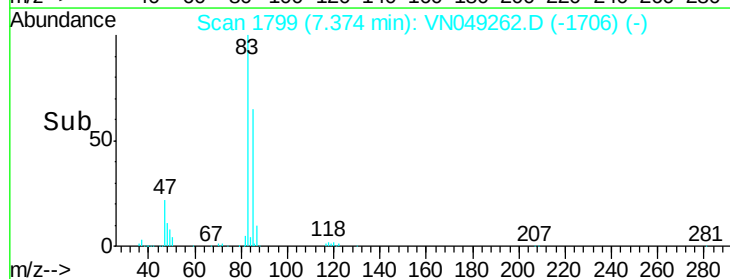
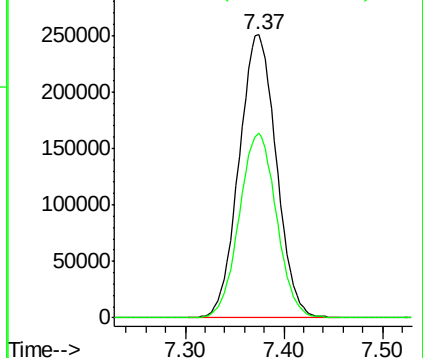


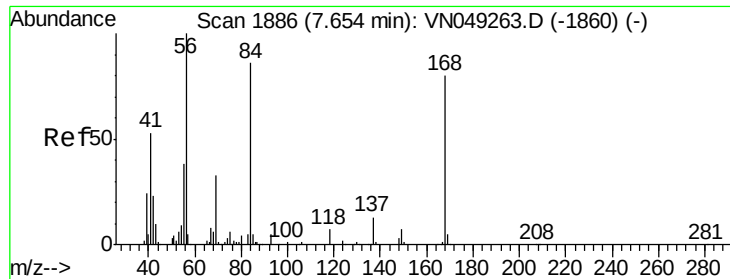
#30
Chloroform
Concen: 16.543 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049262.D (-1706) (-)

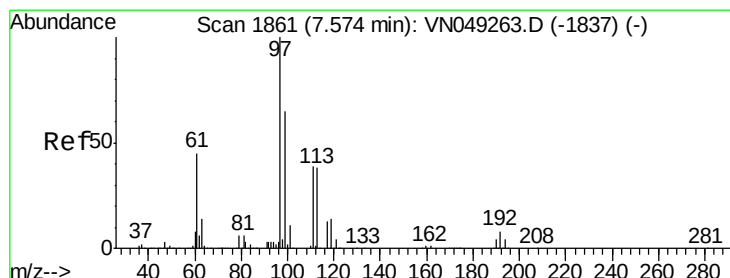
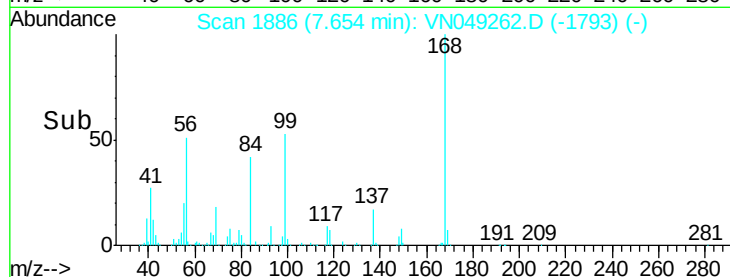
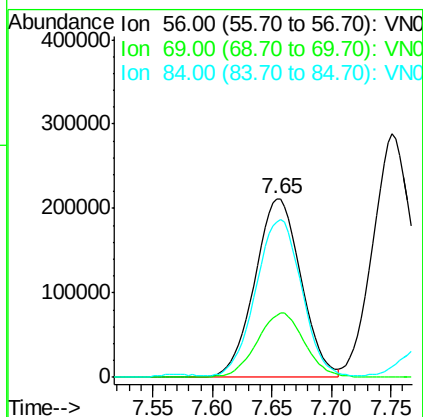
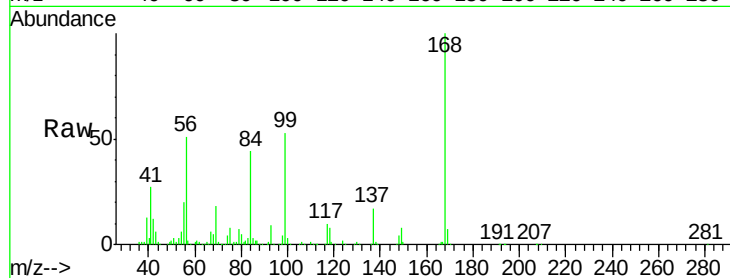




#31
Cyclohexane
Concen: 13.821 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

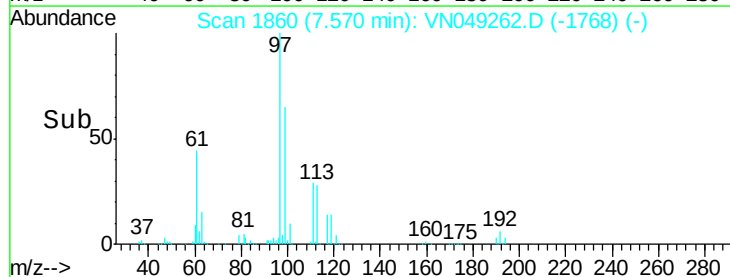
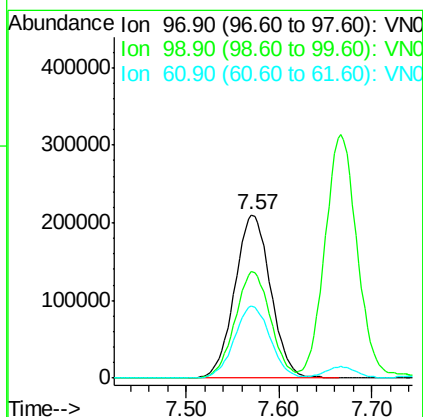
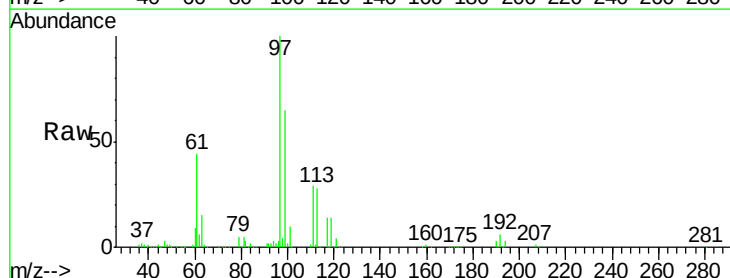
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

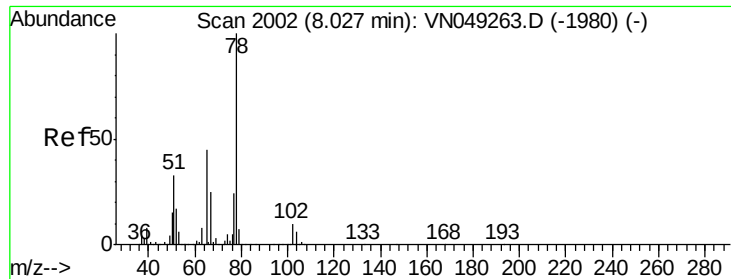
Tgt Ion: 56 Resp: 570732
Ion Ratio Lower Upper
56 100
69 34.6 25.0 37.4
84 85.6 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 16.569 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 97 Resp: 566790
Ion Ratio Lower Upper
97 100
99 64.0 50.5 75.7
61 43.8 37.9 56.9

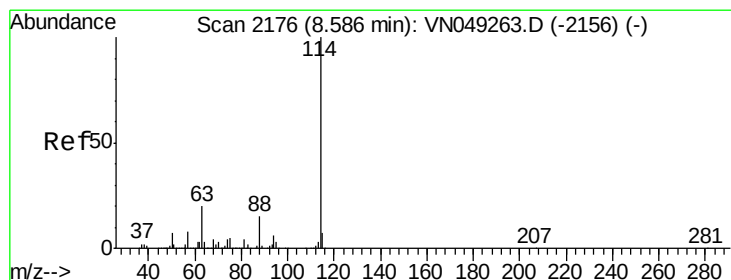
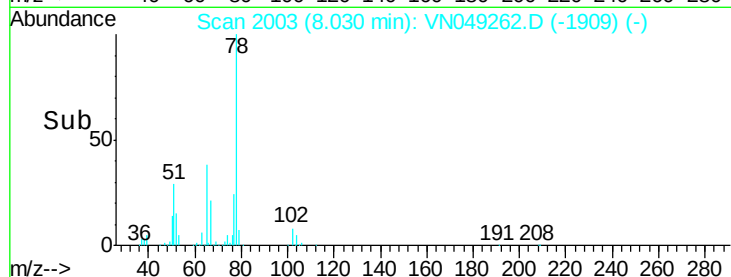
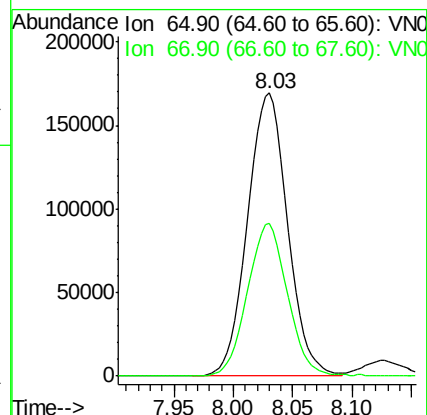
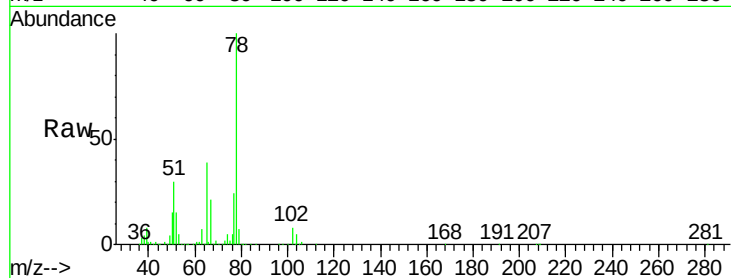




#33
 1,2-Dichloroethane-d4
 Concen: 16.506 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

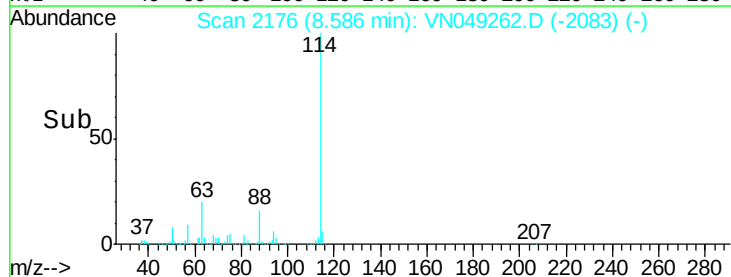
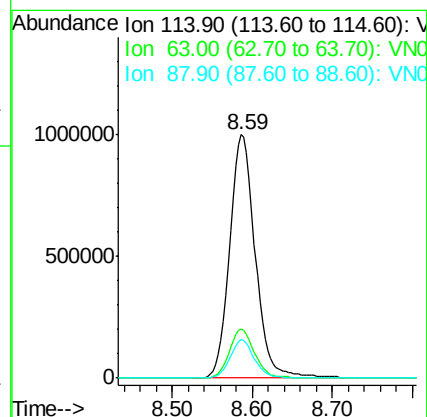
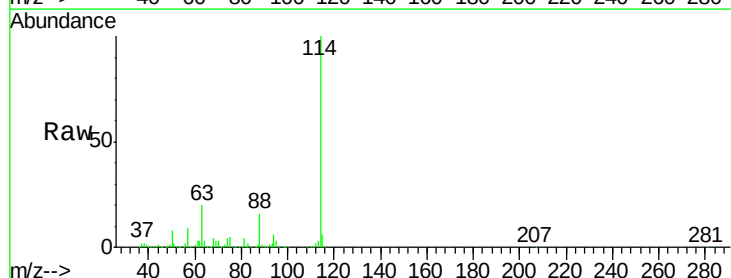
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

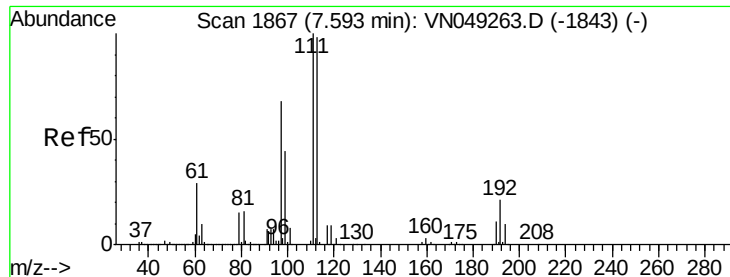
Tgt Ion: 65 Resp: 394856
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 114 Resp: 2186398
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.7 0.0 31.4

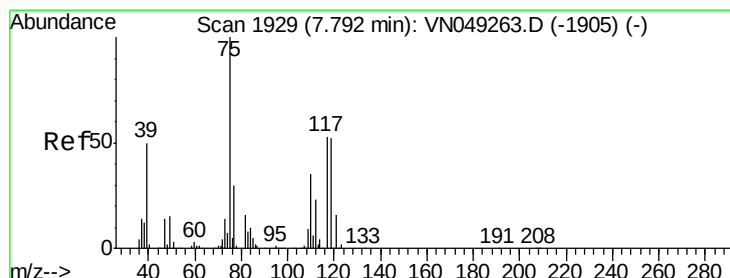
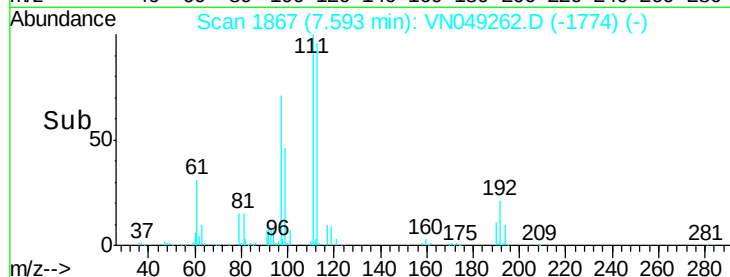
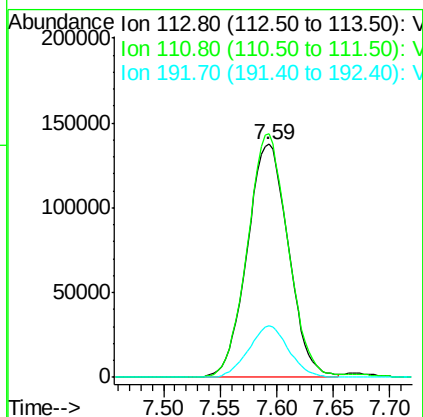
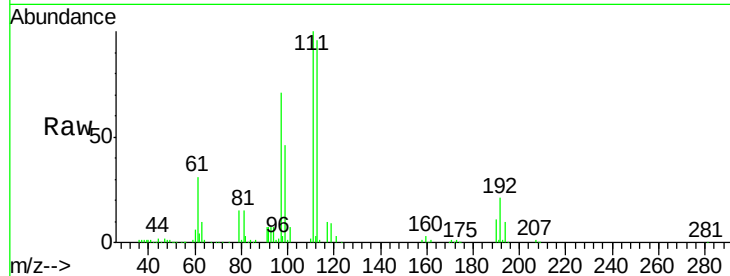




#35
 Dibromofluoromethane
 Concen: 19.343 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

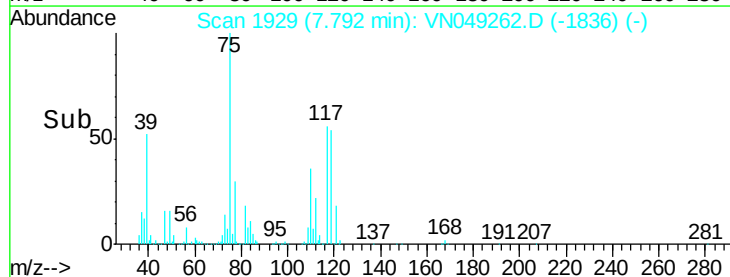
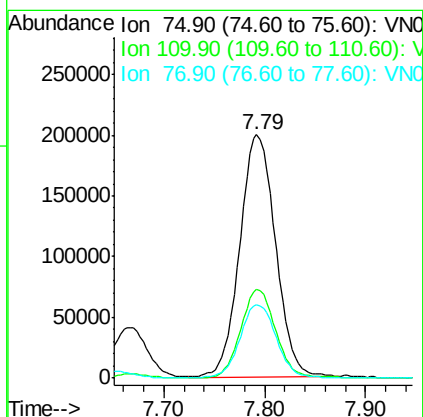
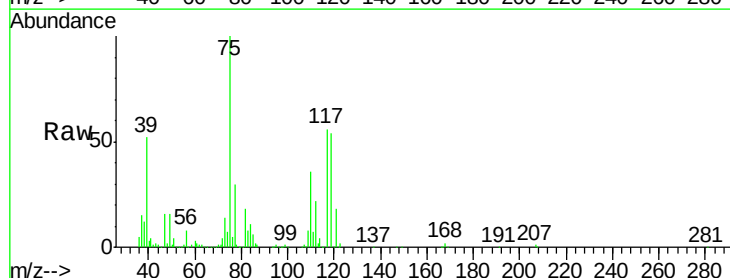
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

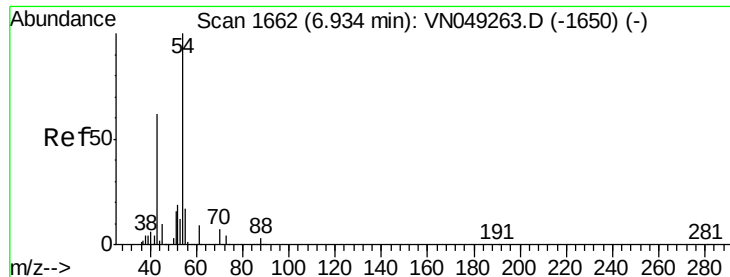
Tgt Ion: 113 Resp: 350038
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 21.4 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 17.933 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 75 Resp: 489865
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.0 50.9
 77 30.4 24.4 36.6

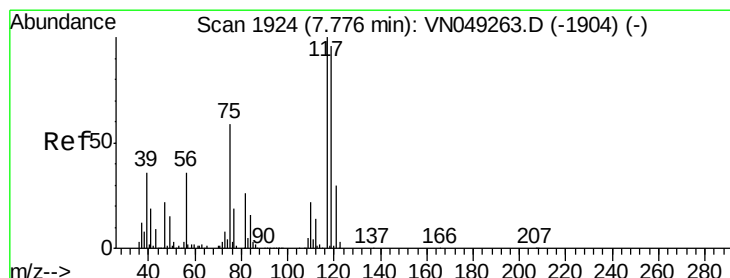
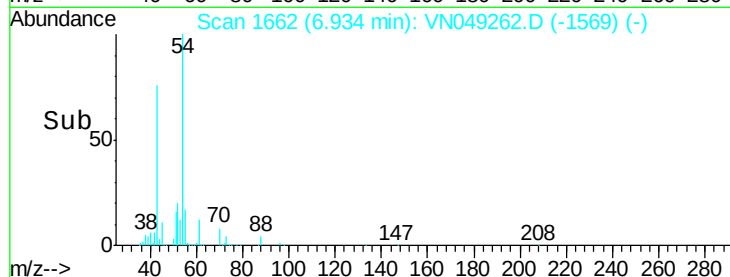
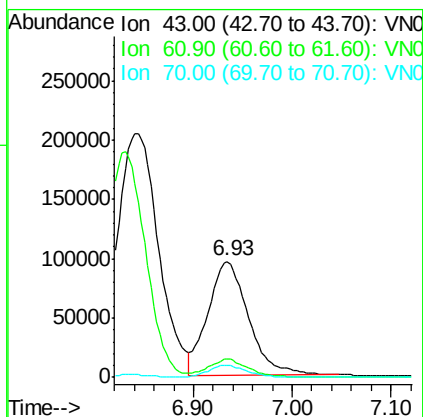
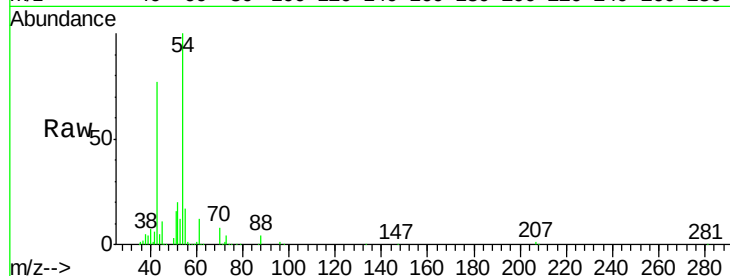




#37
Ethyl Acetate
Concen: 16.072 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

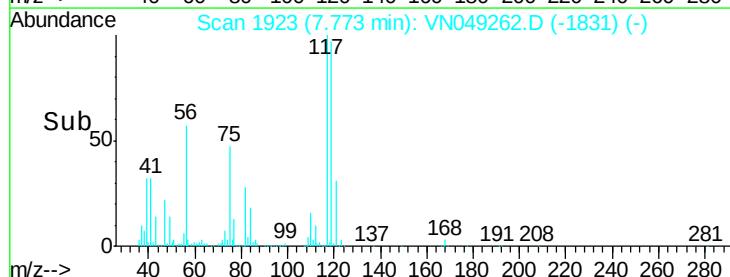
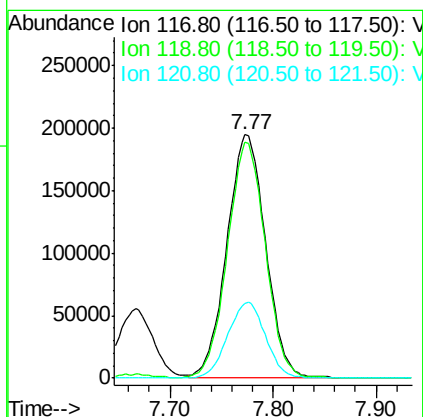
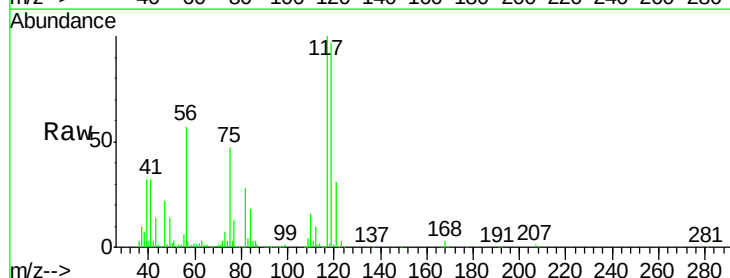
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

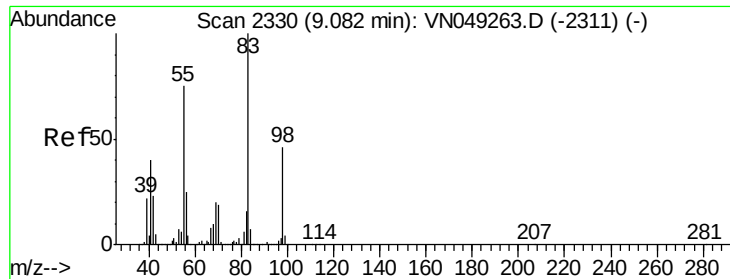
Tgt Ion: 43 Resp: 277154
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.4
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.420 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 117 Resp: 506913
Ion Ratio Lower Upper
117 100
119 96.8 75.6 113.4
121 30.6 24.7 37.1

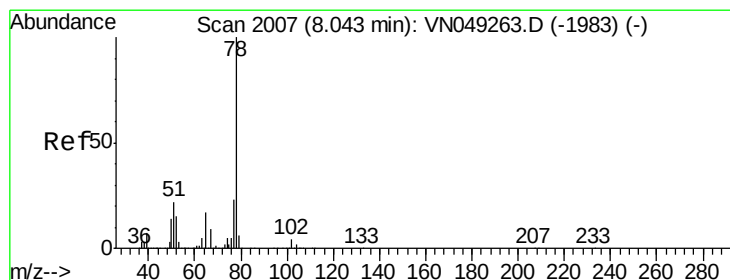
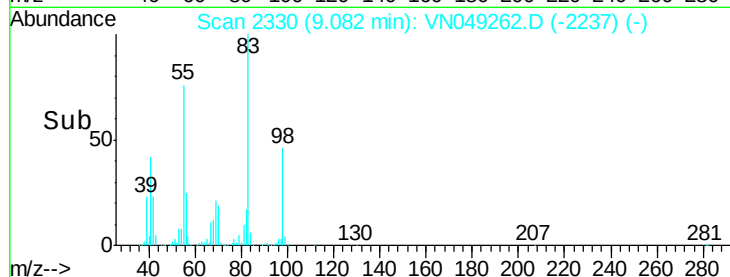
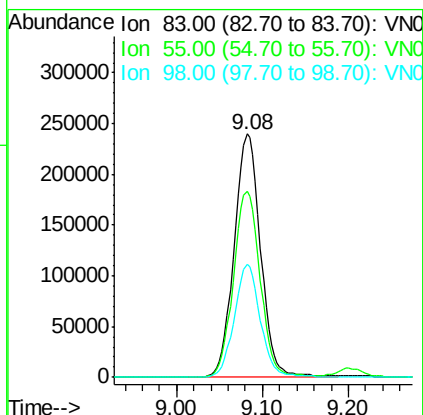
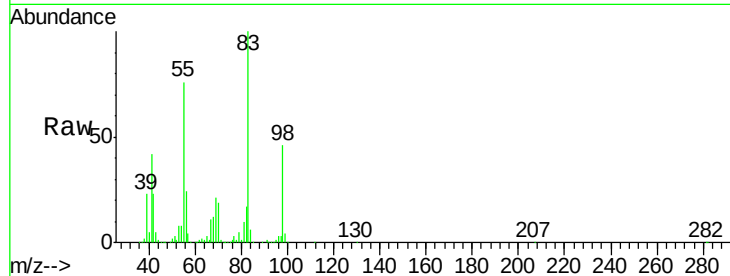




#39
Methylcyclohexane
Concen: 18.166 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

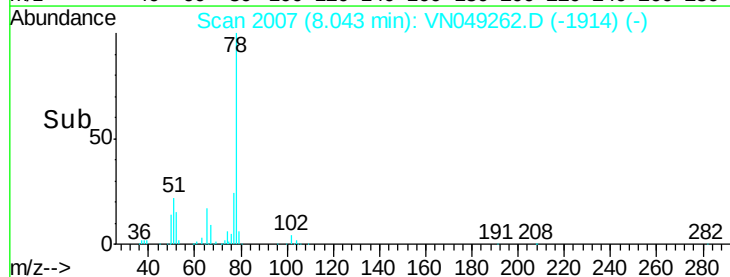
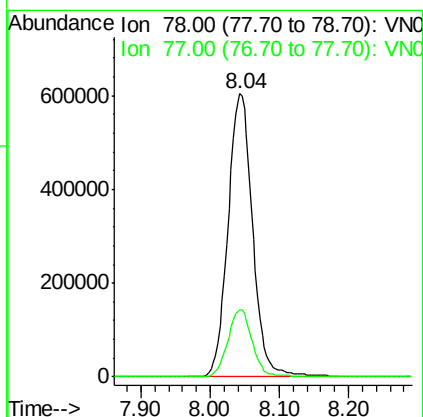
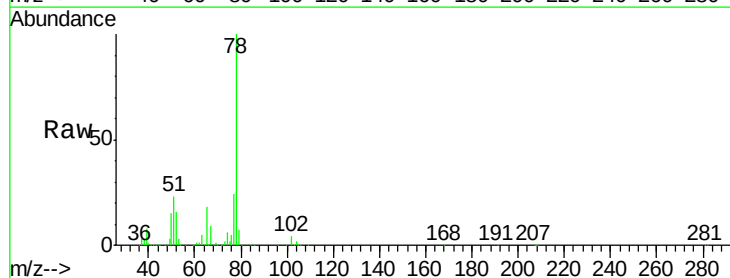
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

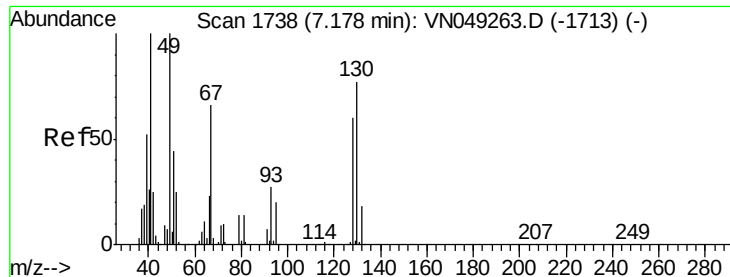
Tgt Ion: 83 Resp: 512622
Ion Ratio Lower Upper
83 100
55 76.1 65.1 97.7
98 46.4 36.5 54.7



#40
Benzene
Concen: 18.177 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 78 Resp: 1504341
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

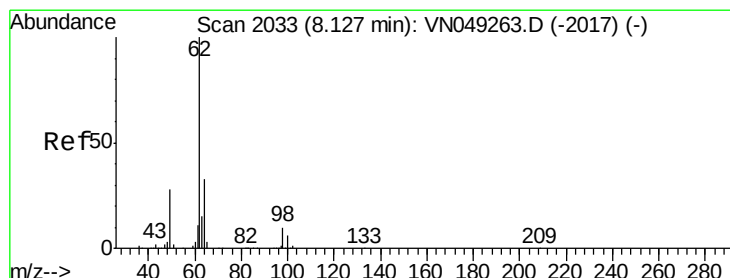
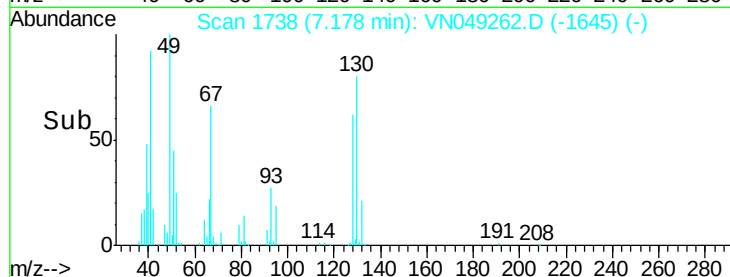
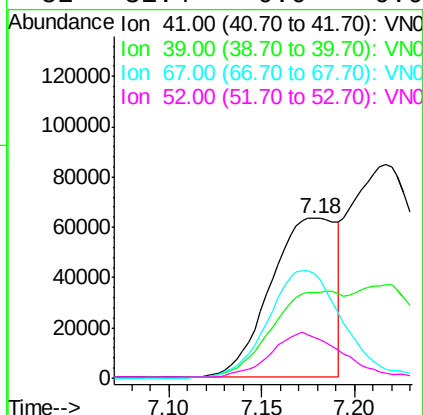
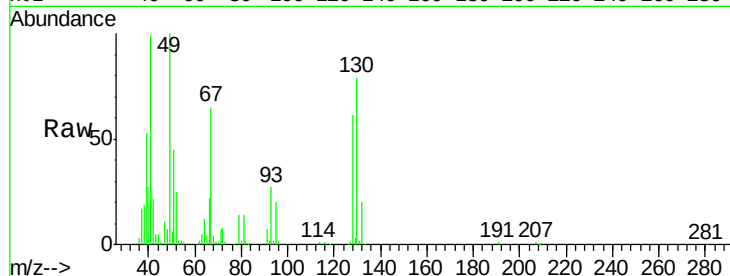




#41
Methacrylonitrile
Concen: 16.024 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

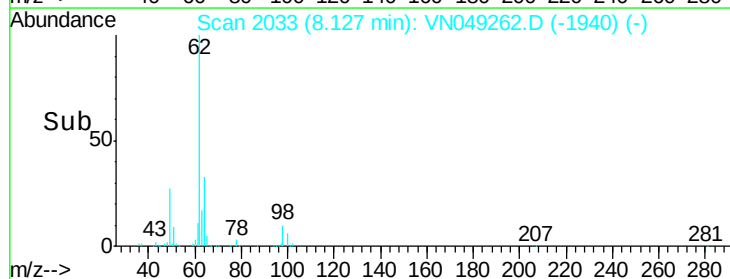
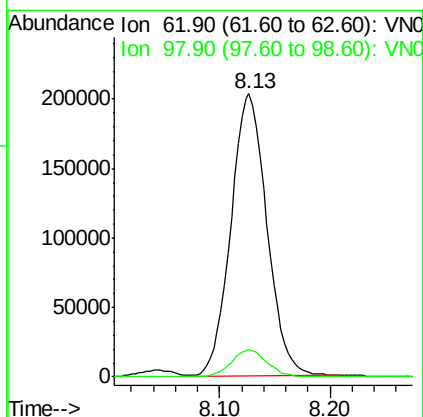
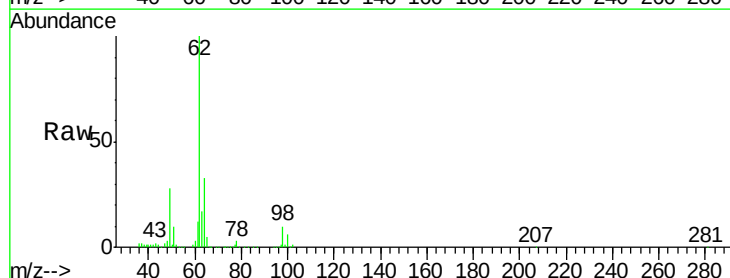
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

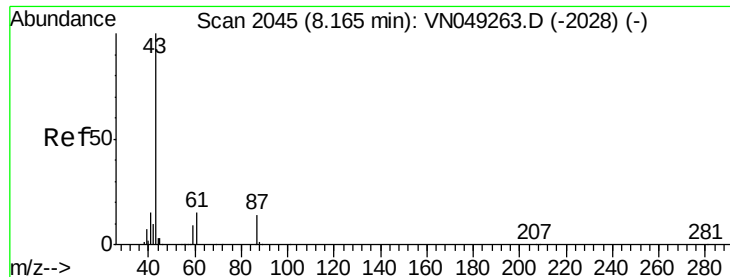
Tgt Ion:	41	Resp:	156334
Ion	Ratio	Lower	Upper
41	100		
39	57.6	0.0	0.0#
67	78.6	0.0	0.0#
52	31.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 16.838 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion:	62	Resp:	459900
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 15.629 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

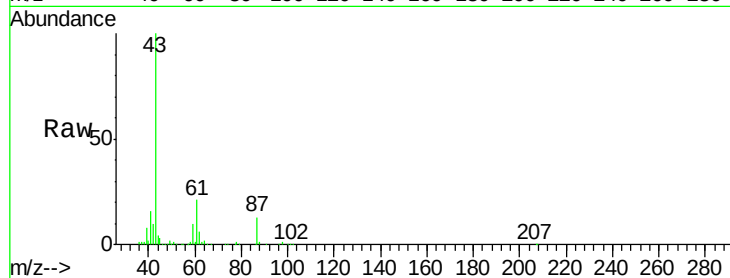
Tgt Ion: 43 Resp: 495544

Ion Ratio Lower Upper

43 100

61 20.5 14.2 21.4

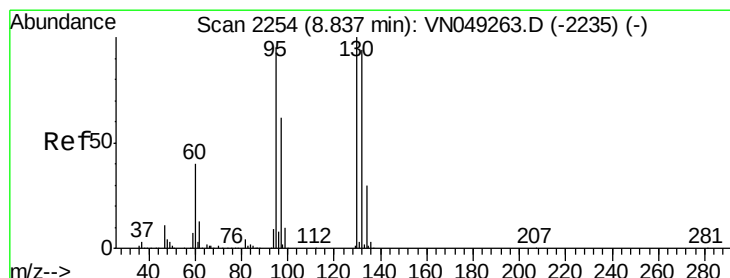
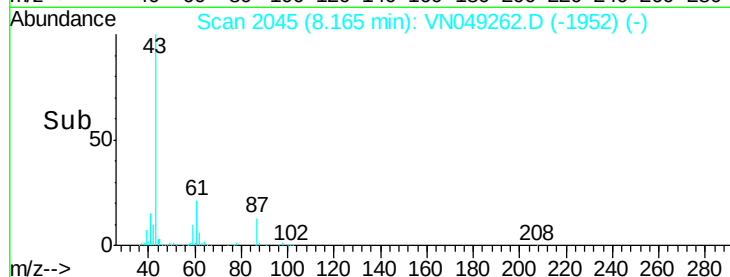
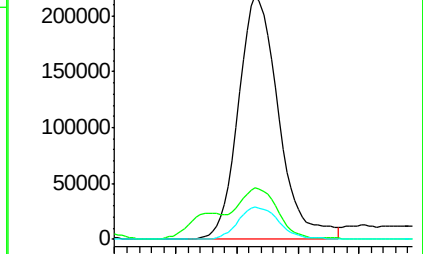
87 13.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049262.D (-2152) (-)

Ion 61.00 (60.70 to 61.70): VN049262.D (-2152) (-)

Ion 87.00 (86.70 to 87.70): VN049262.D (-2152) (-)



#44

Trichloroethene

Concen: 19.251 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049262.D

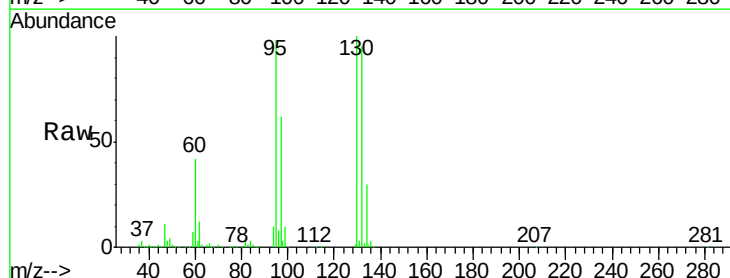
Acq: 15 Jun 2018 14:53

Tgt Ion: 130 Resp: 397840

Ion Ratio Lower Upper

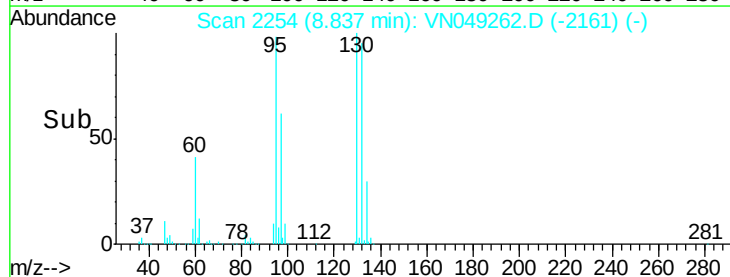
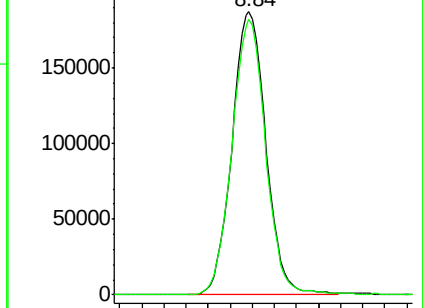
130 100

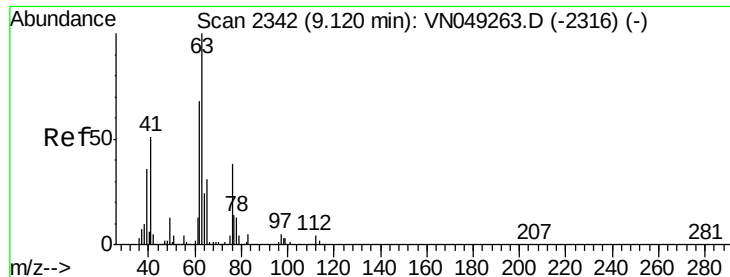
95 97.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049262.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049262.D (-2161) (-)

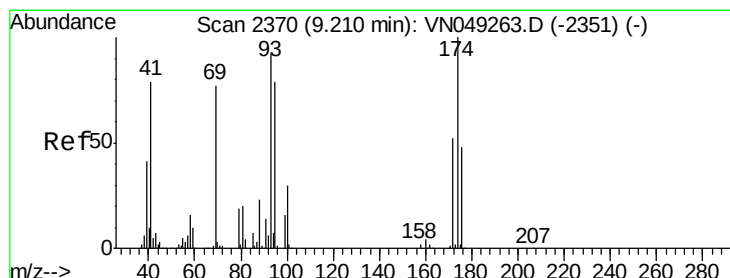
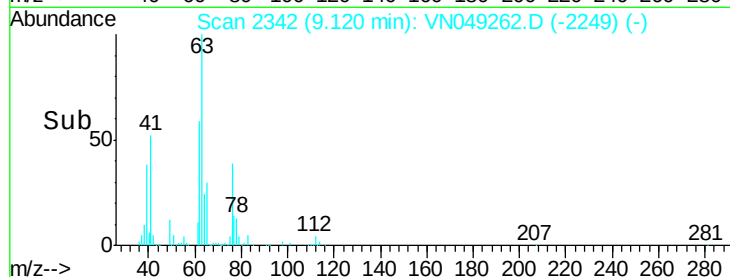
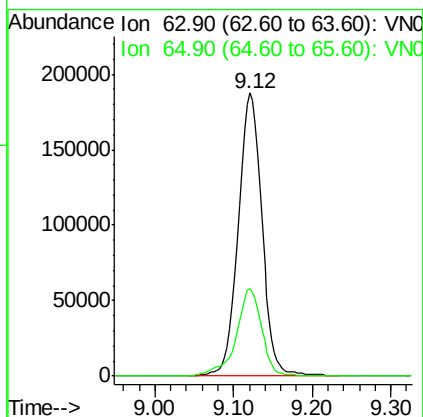
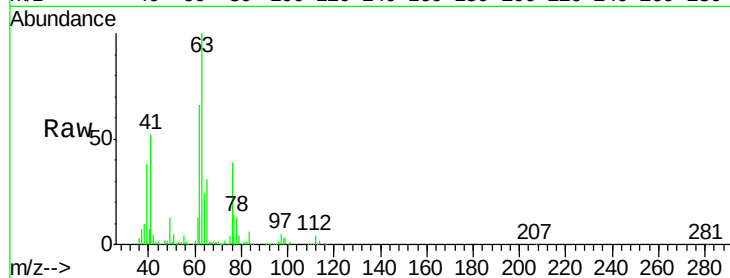




#45
 1,2-Dichloropropane
 Concen: 17.406 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

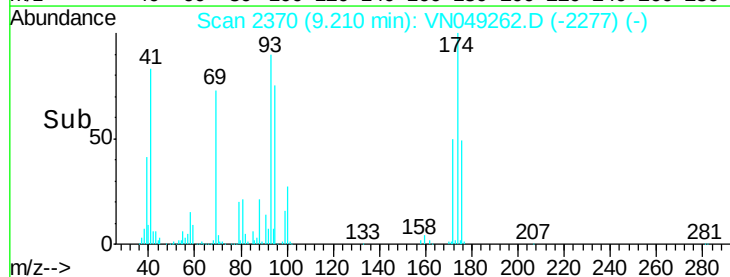
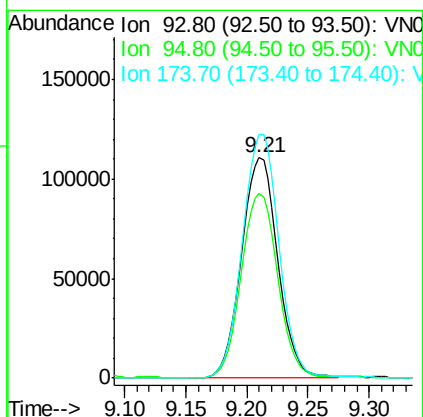
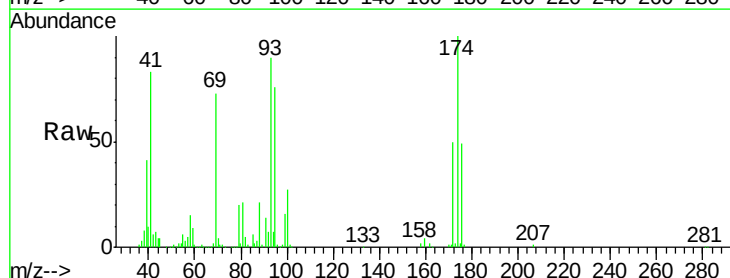
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

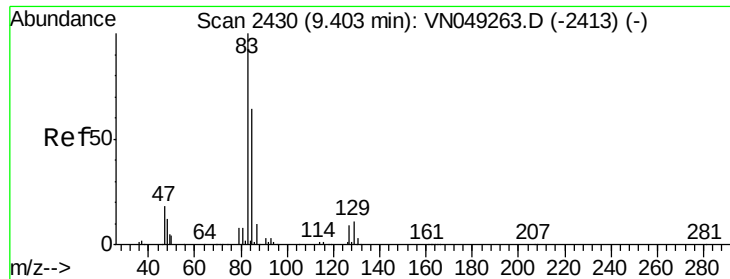
Tgt Ion: 63 Resp: 396232
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 18.140 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 93 Resp: 228128
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.2 100.8
 174 111.5 75.6 113.4





#47

Bromodichloromethane

Concen: 17.561 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

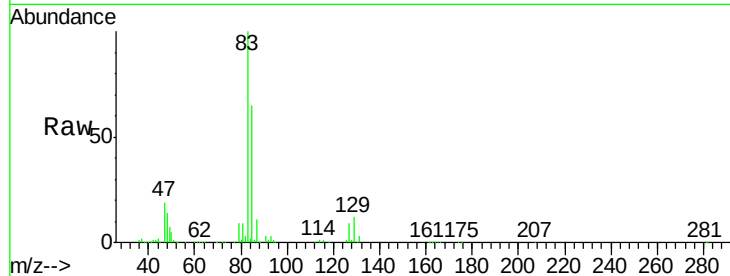
Tgt Ion: 83 Resp: 497428

Ion Ratio Lower Upper

83 100

85 64.9 49.4 74.0

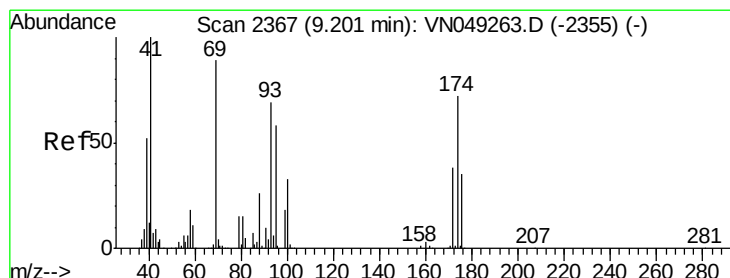
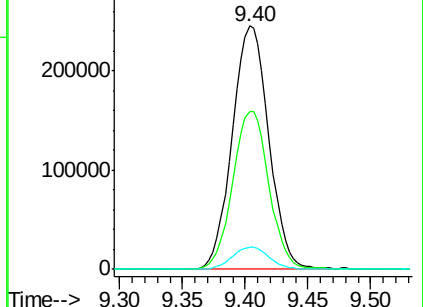
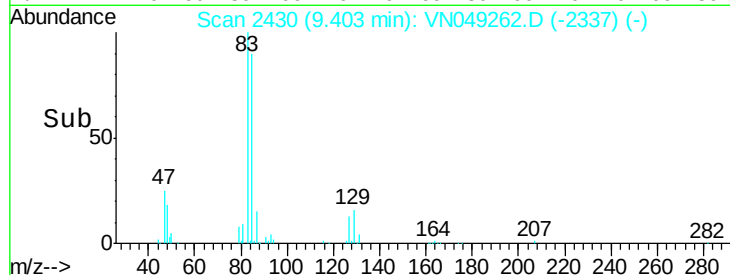
127 9.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049262.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049262.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049262.D (-2337) (-)



#48

Methyl methacrylate

Concen: 15.549 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

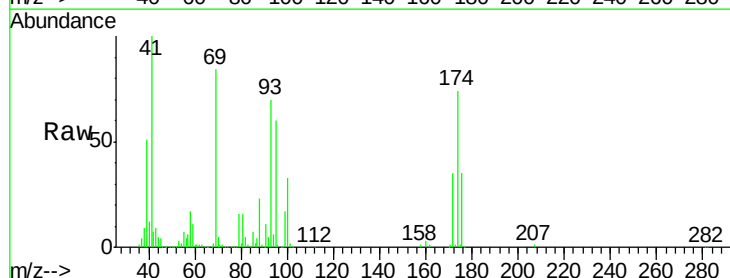
Tgt Ion: 41 Resp: 240897

Ion Ratio Lower Upper

41 100

69 88.0 62.0 93.0

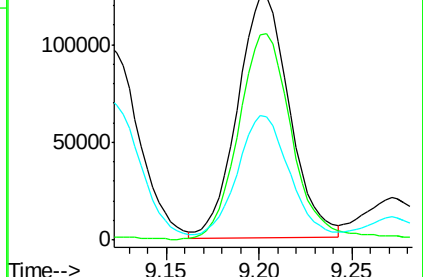
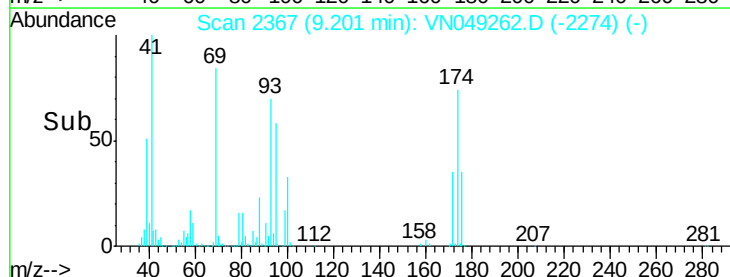
39 52.2 50.6 75.8

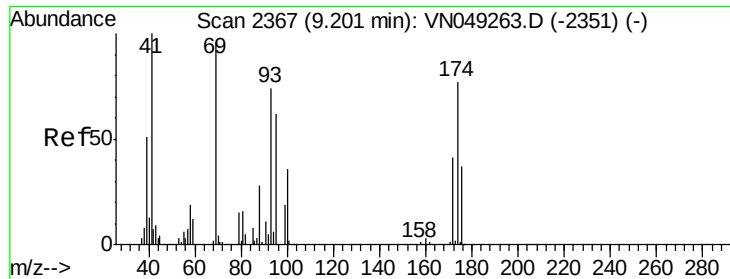


Abundance Ion 41.00 (40.70 to 41.70): VN049262.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049262.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049262.D (-2274) (-)

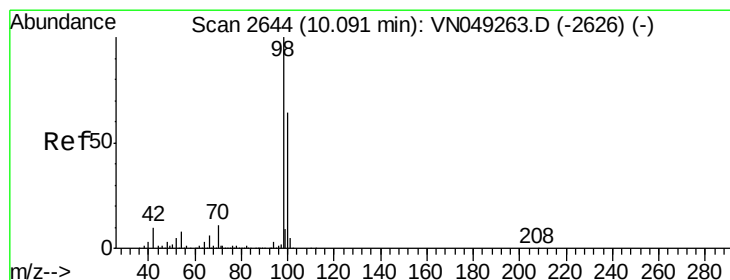
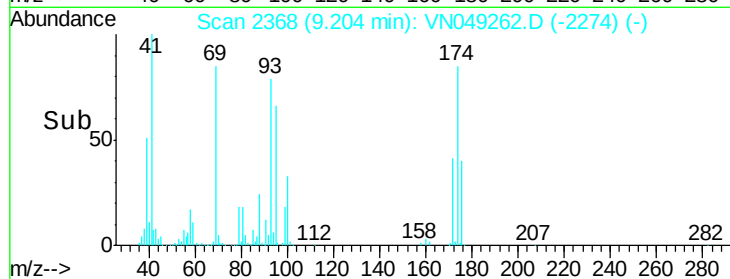
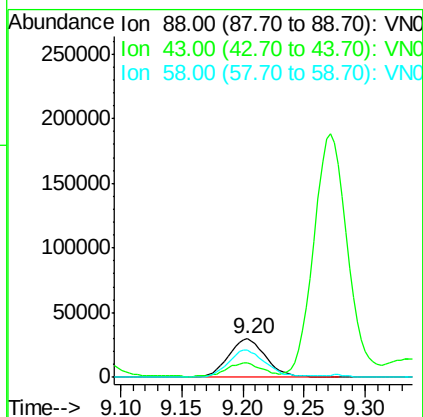
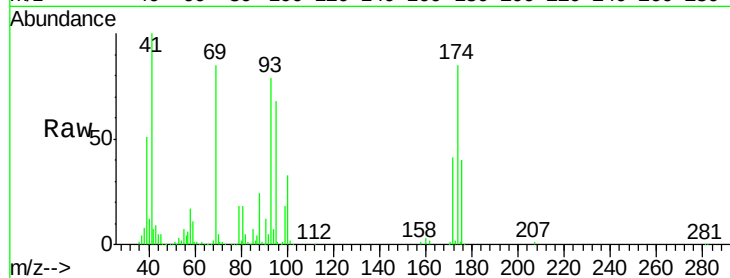




#49
1,4-Dioxane
Concen: 349.062 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

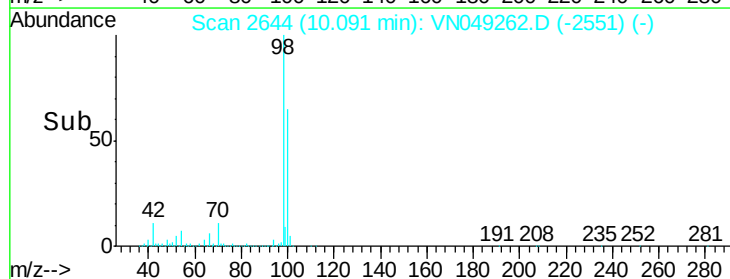
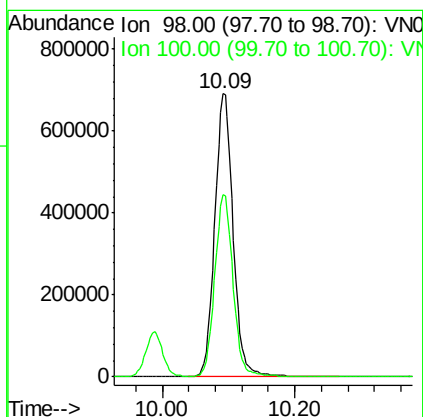
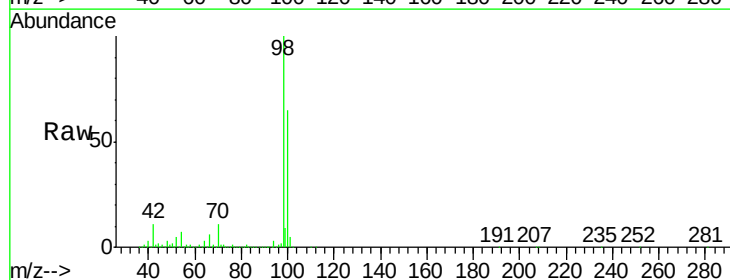
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

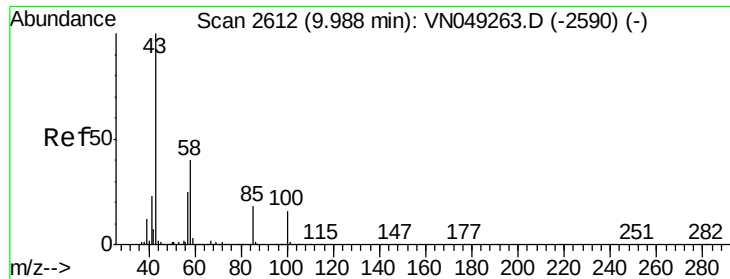
Tgt Ion: 88 Resp: 63862
Ion Ratio Lower Upper
88 100
43 32.2 30.9 46.3
58 70.4 58.9 88.3



#50
Toluene-d8
Concen: 18.850 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 98 Resp: 1326974
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 79.207 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

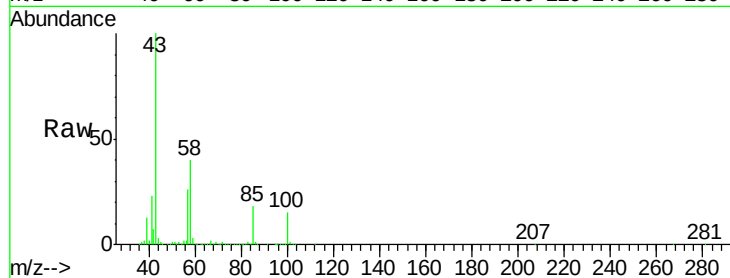
VSTDIC020

Tgt Ion: 43 Resp: 1337451

Ion Ratio Lower Upper

43 100

58 39.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

800000

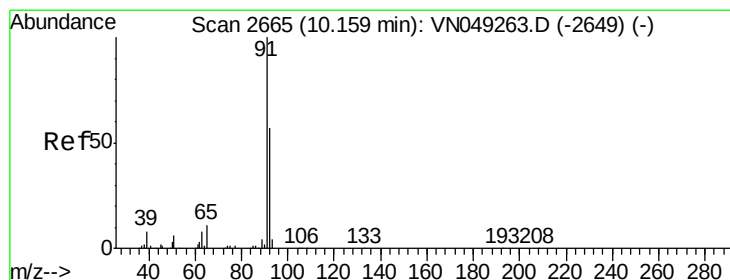
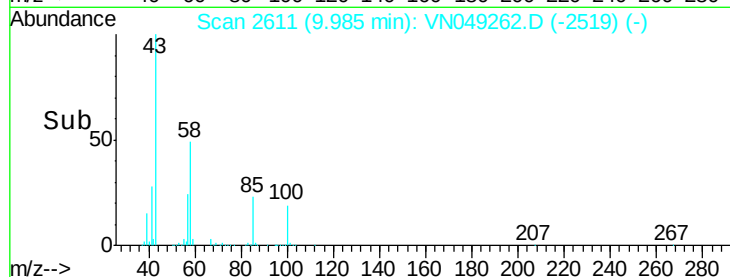
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 18.878 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049262.D

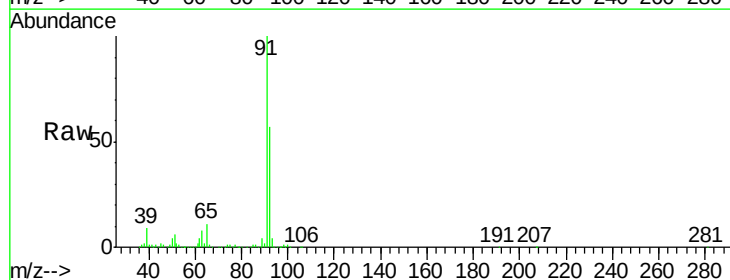
Acq: 15 Jun 2018 14:53

Tgt Ion: 92 Resp: 909057

Ion Ratio Lower Upper

92 100

91 175.9 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)

1000000

800000

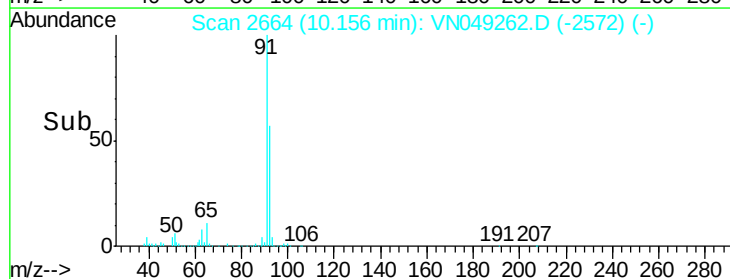
600000

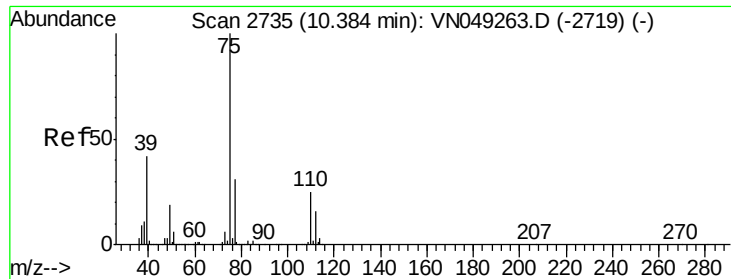
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.516 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampled :

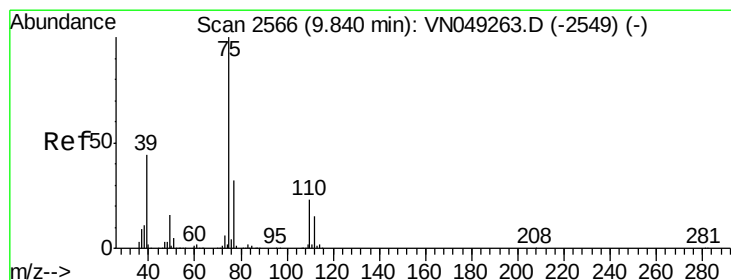
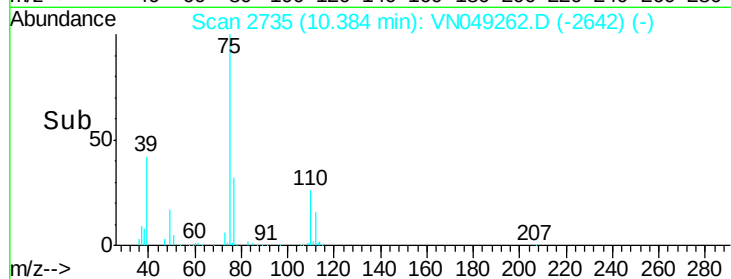
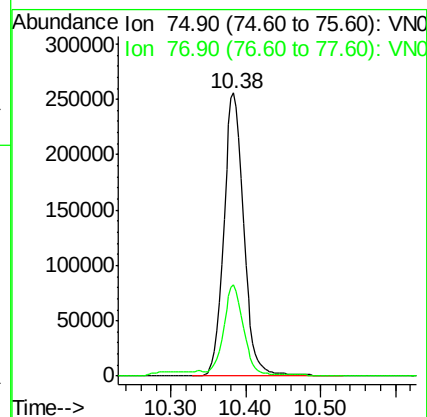
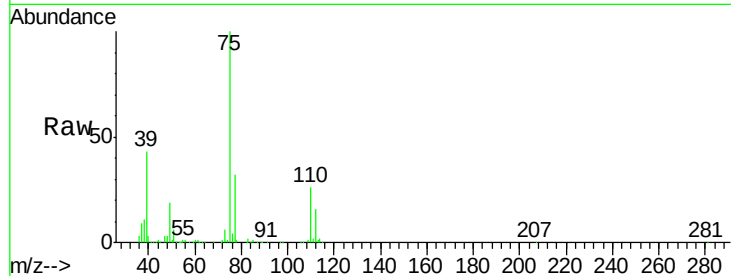
VSTDIC020

Tgt Ion: 75 Resp: 471730

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 17.893 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

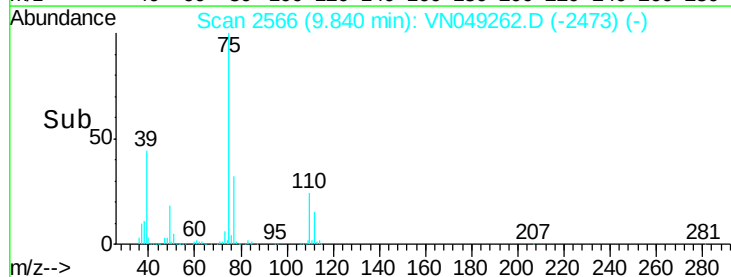
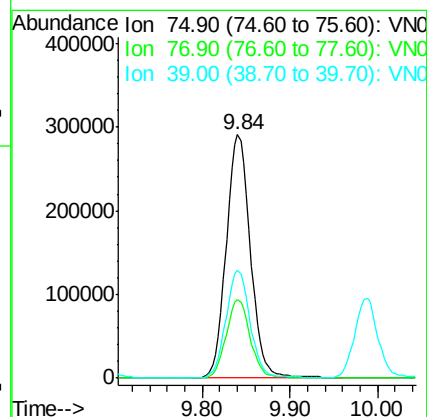
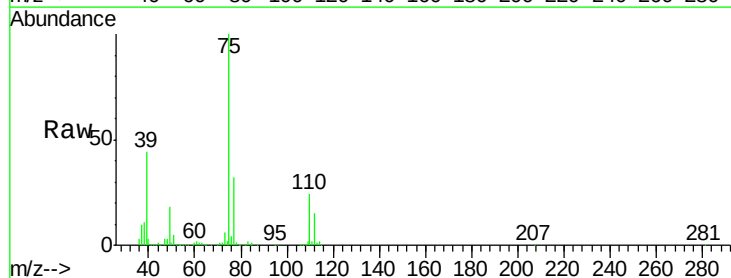
Tgt Ion: 75 Resp: 558409

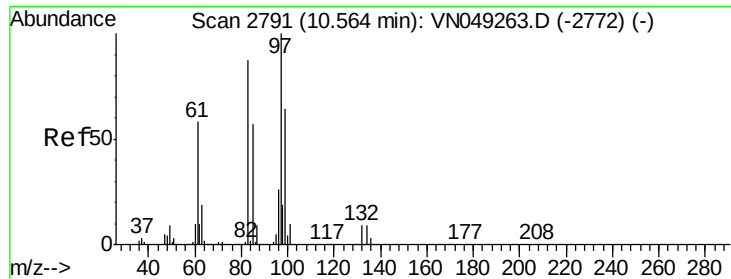
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 44.2 45.1 67.7#

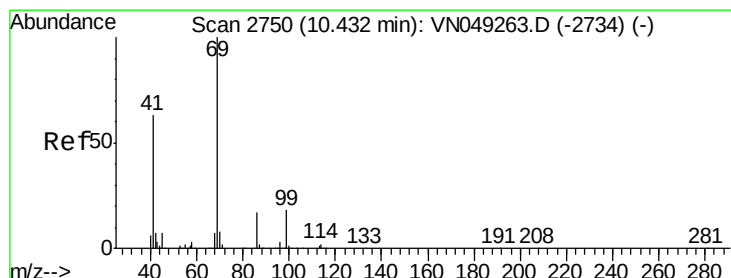
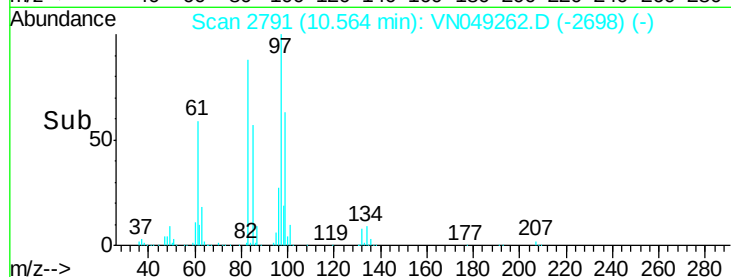
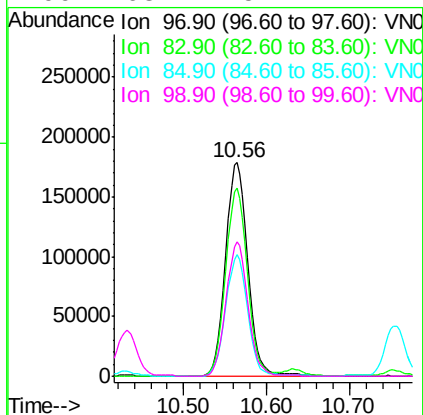
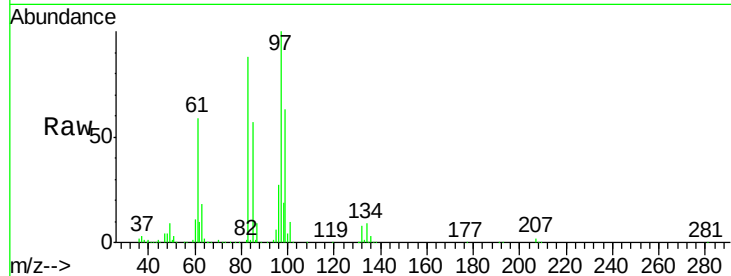




#55
 1,1,2-Trichloroethane
 Concen: 18.874 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

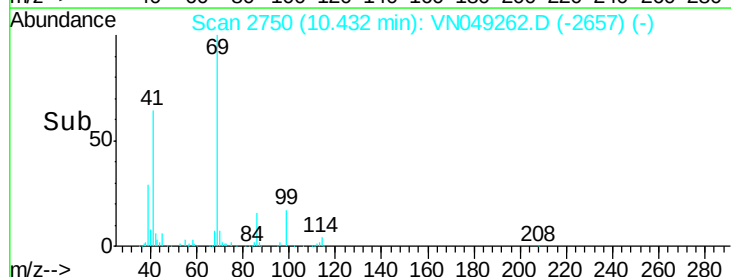
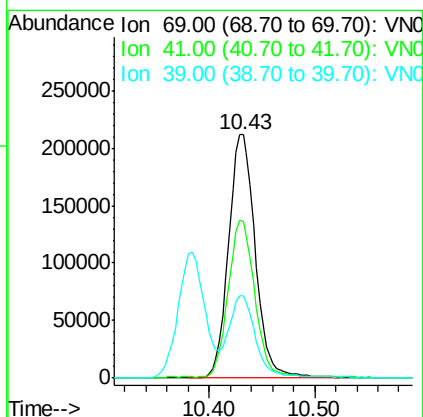
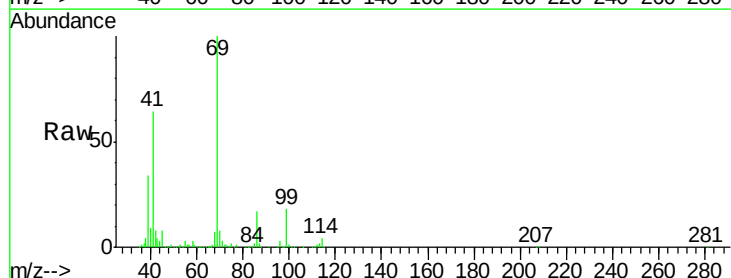
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

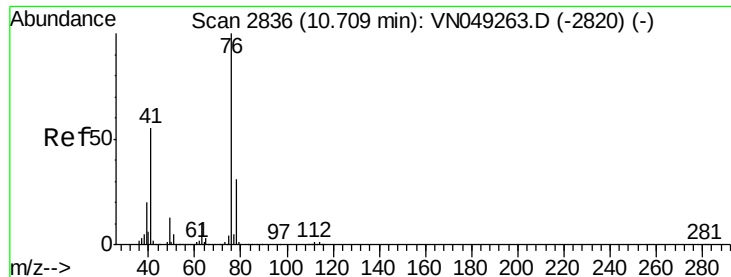
Tgt Ion:	97	Resp:	333536
Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.5	107.3
85	57.2	47.0	70.4
99	63.1	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 17.468 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion:	69	Resp:	372142
Ion	Ratio	Lower	Upper
69	100		
41	63.5	58.4	87.6
39	32.3	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 18.126 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

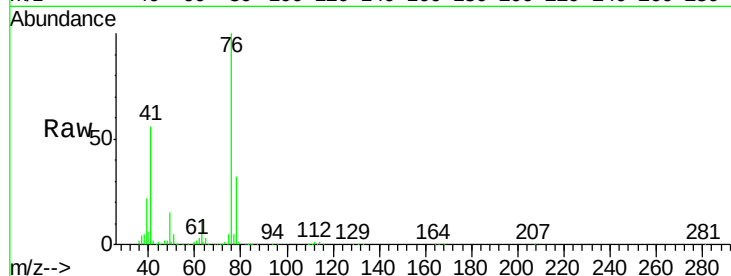
VSTDIC020

Tgt Ion: 76 Resp: 549297

Ion Ratio Lower Upper

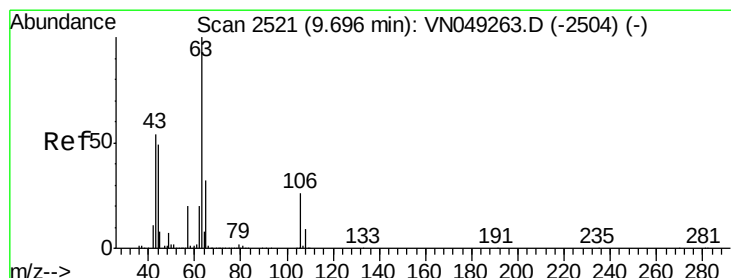
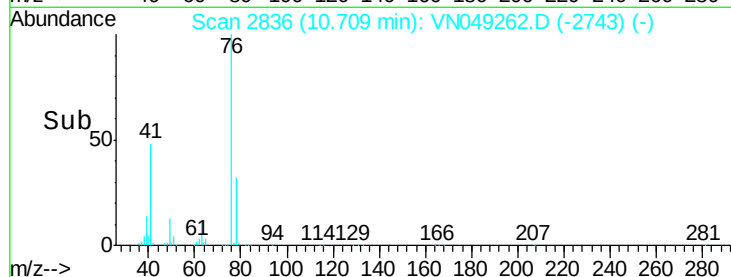
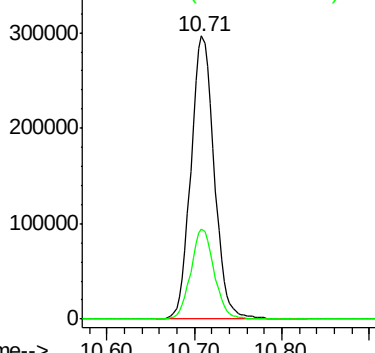
76 100

78 31.8 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 79.315 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049262.D

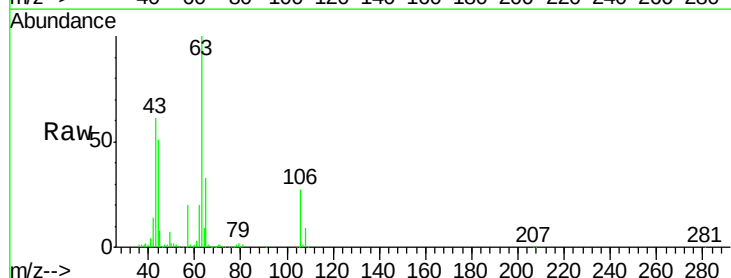
Acq: 15 Jun 2018 14:53

Tgt Ion: 63 Resp: 547454

Ion Ratio Lower Upper

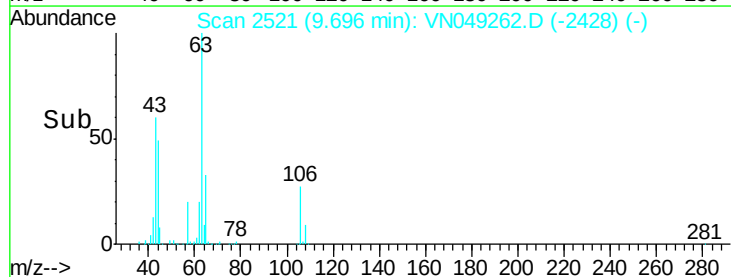
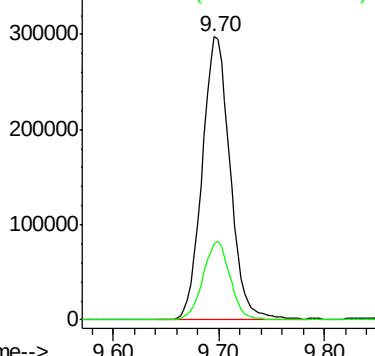
63 100

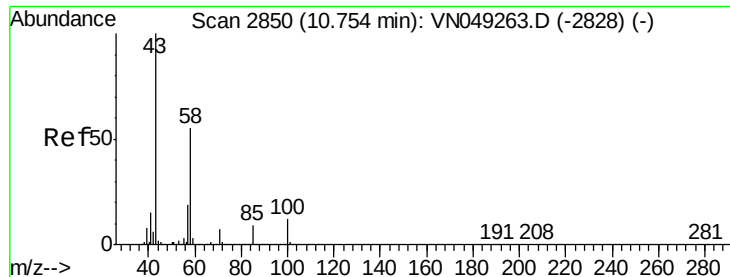
106 26.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

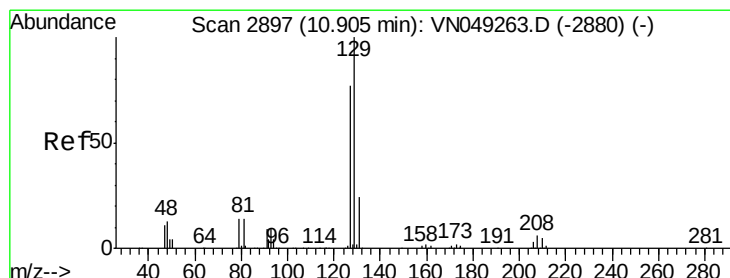
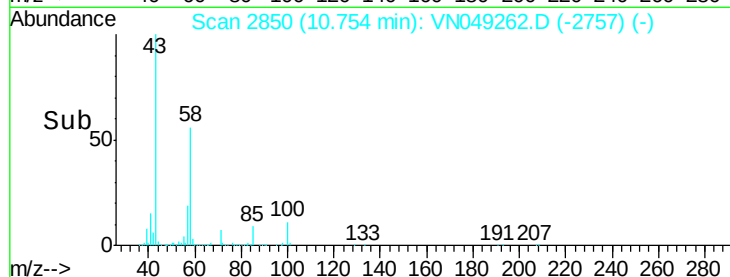
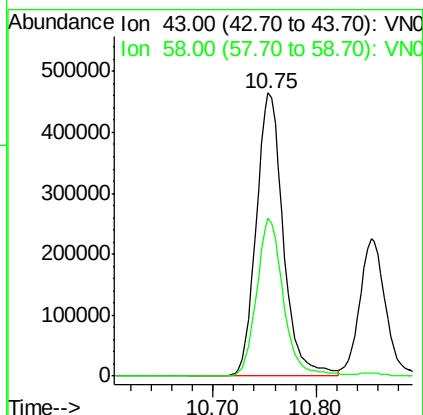
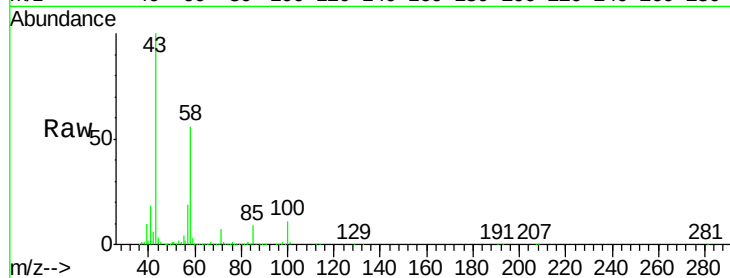




#59
2-Hexanone
Concen: 79.757 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

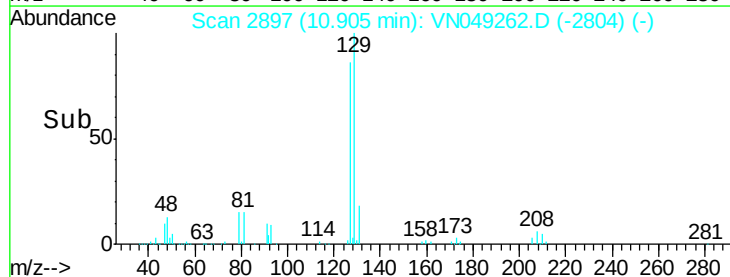
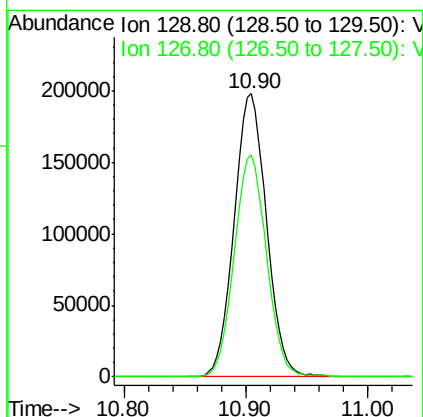
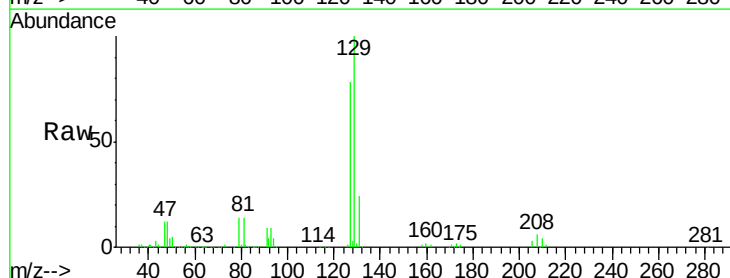
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

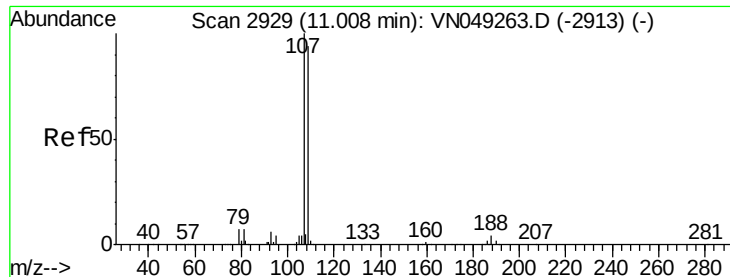
Tgt Ion: 43 Resp: 839172
Ion Ratio Lower Upper
43 100
58 55.2 25.2 75.6



#60
Dibromochloromethane
Concen: 18.609 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 129 Resp: 364700
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

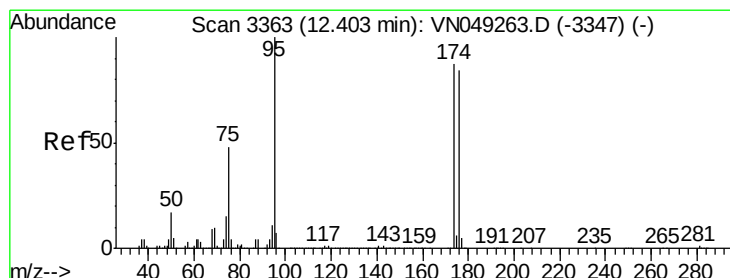
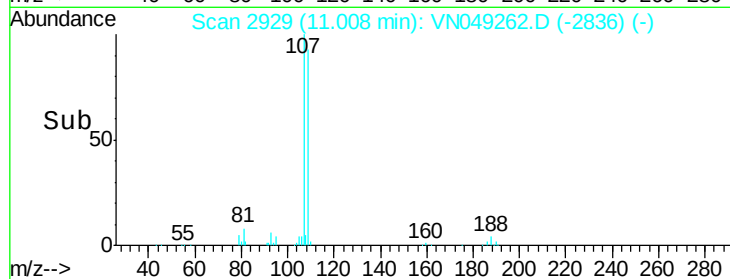
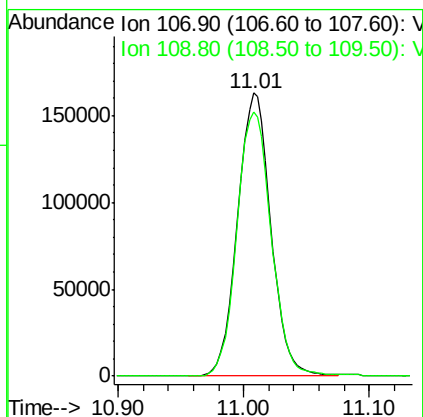
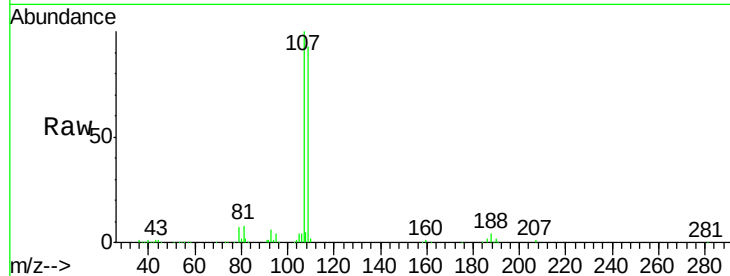




#61
 1,2-Dibromoethane
 Concen: 18.437 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

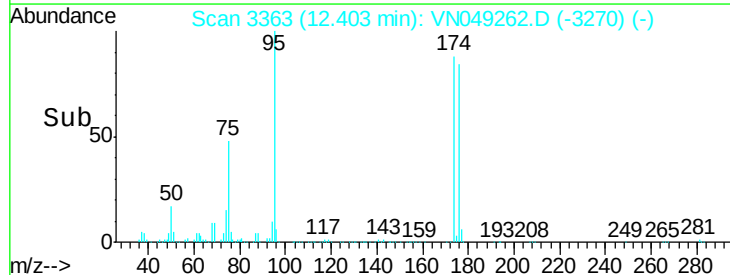
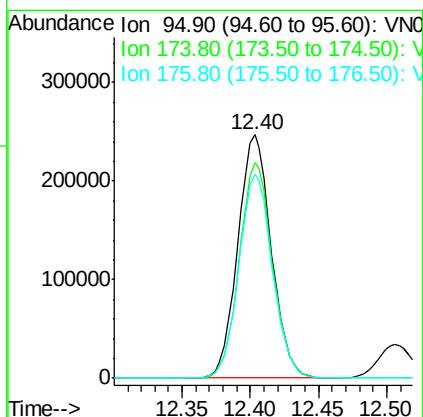
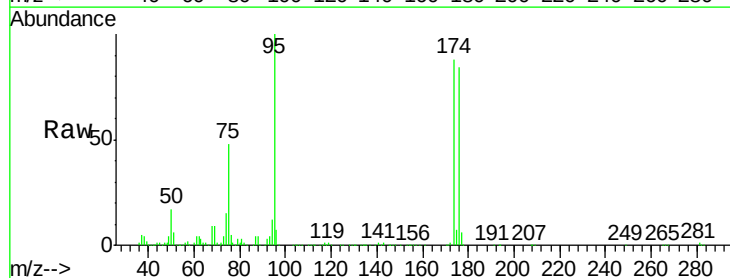
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

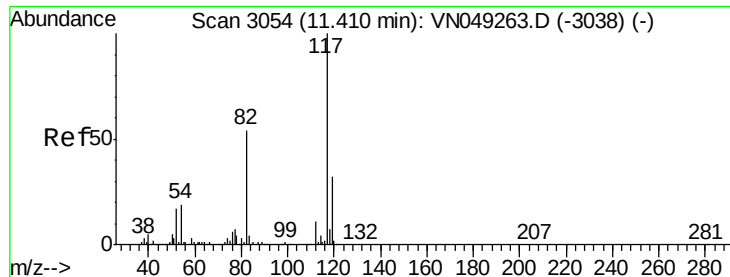
Tgt Ion: 107 Resp: 301333
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 17.924 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 95 Resp: 418778
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 165.6
 176 84.3 0.0 157.4

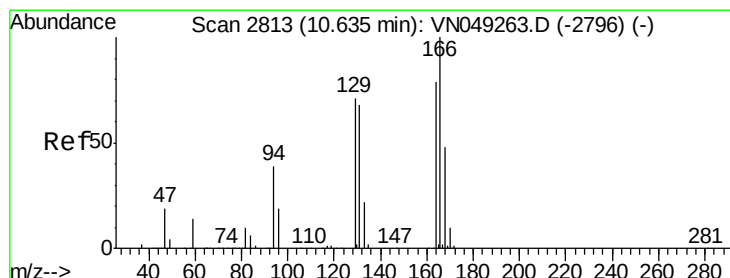
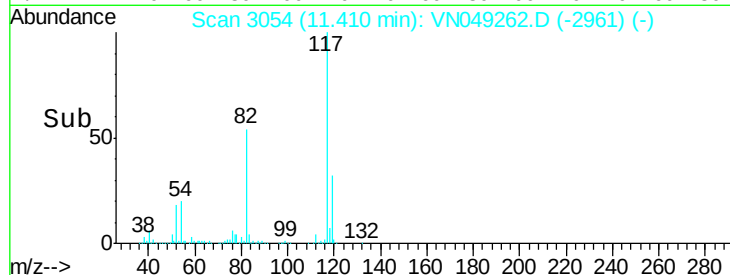
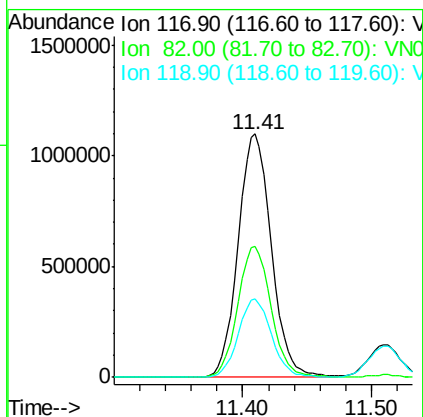
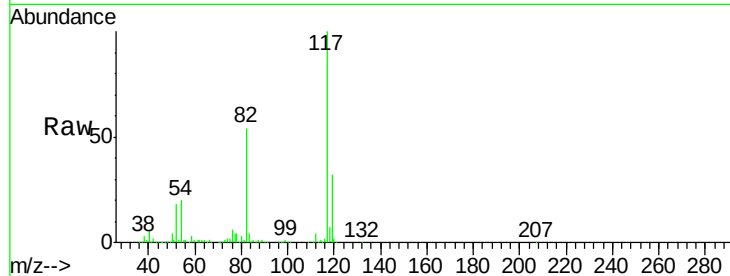




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

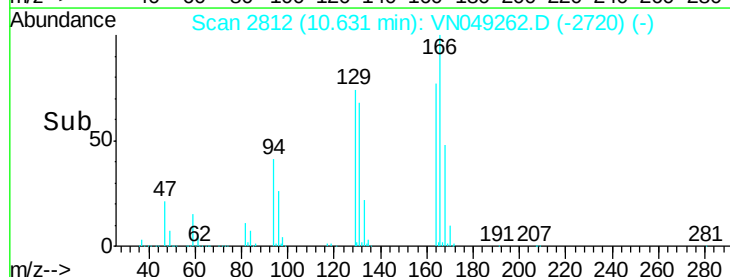
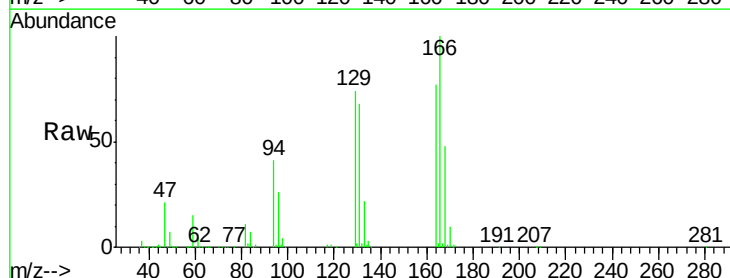
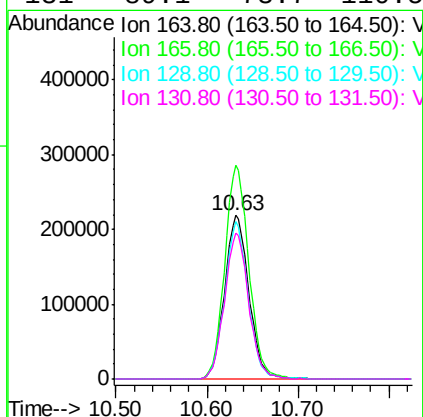
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

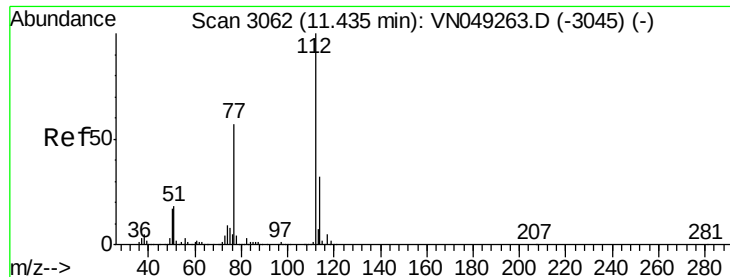
Tgt Ion:117 Resp: 1972217
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.526 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion:164 Resp: 405603
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.2
129 96.1 74.1 111.1
131 89.1 73.7 110.5





#65

Chlorobenzene

Concen: 19.325 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

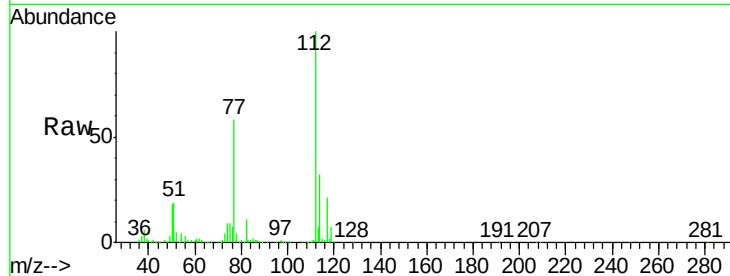
VSTDIC020

Tgt Ion:112 Resp: 983215

Ion Ratio Lower Upper

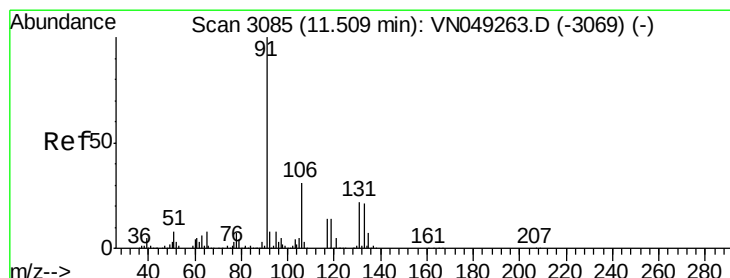
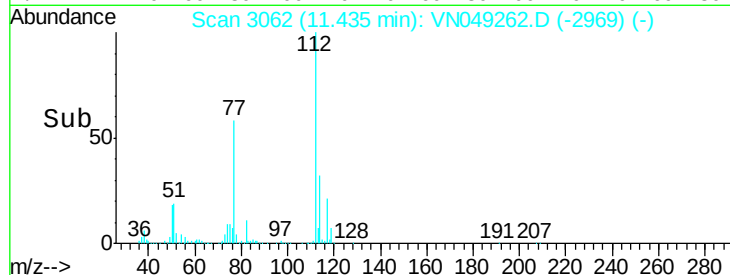
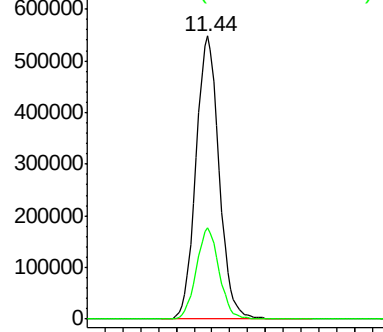
112 100

114 32.1 26.2 39.4



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: 19.210 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

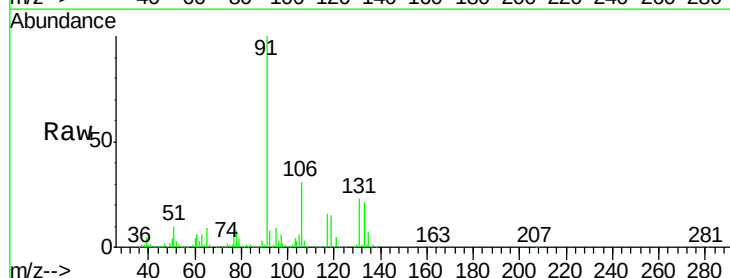
Tgt Ion:131 Resp: 371756

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

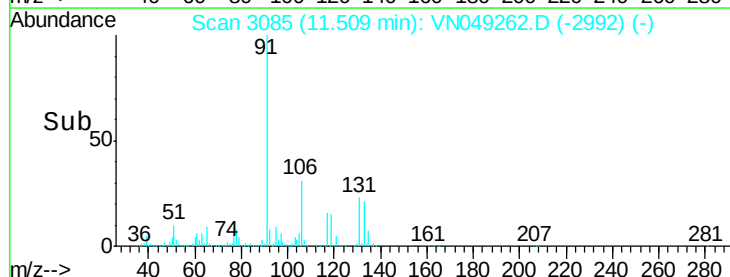
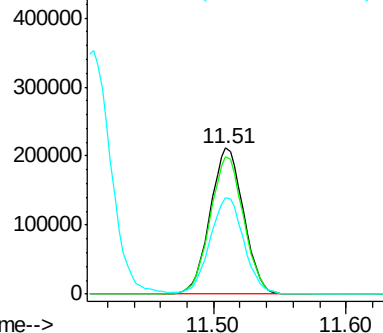
119 67.1 33.6 100.8

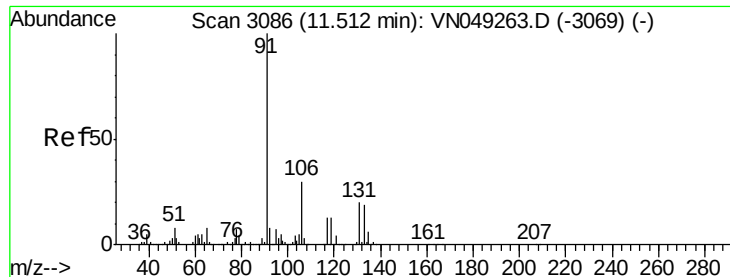


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

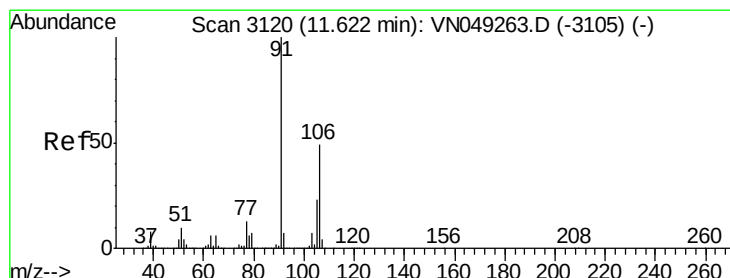
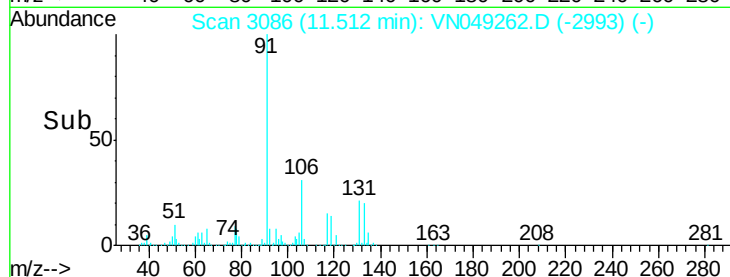
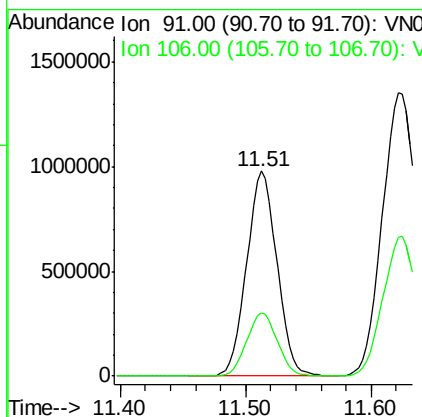
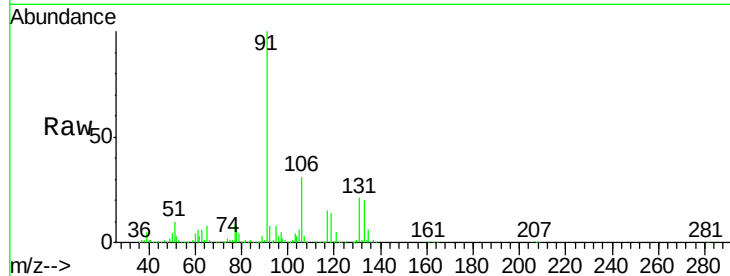




#67
Ethyl Benzene
Concen: 18.801 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

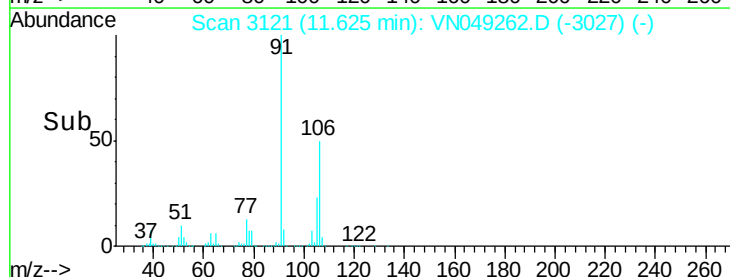
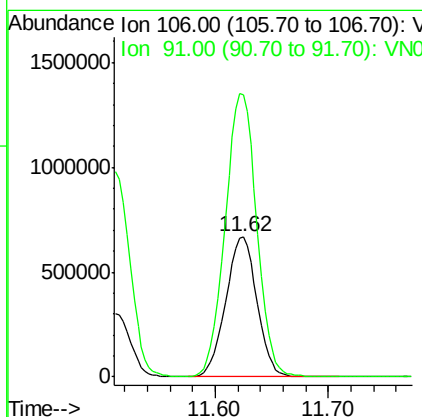
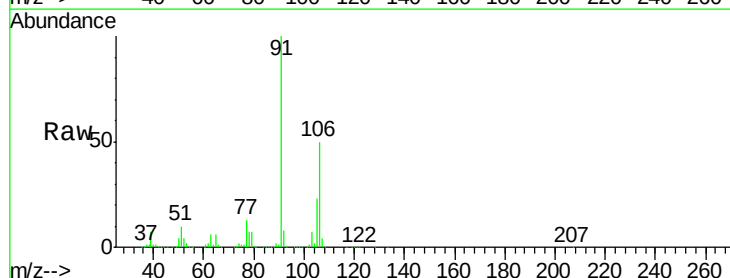
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

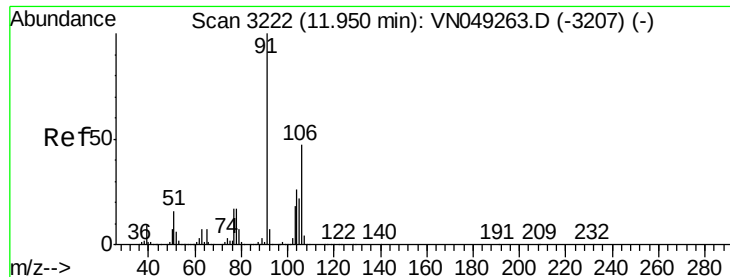
Tgt Ion: 91 Resp: 1650177
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



#68
m/p-Xylenes
Concen: 39.790 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion: 106 Resp: 1277126
Ion Ratio Lower Upper
106 100
91 204.7 167.3 250.9

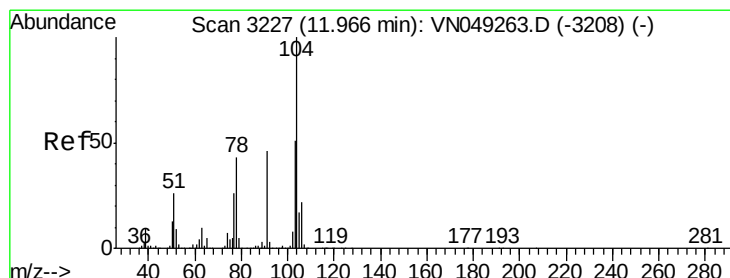
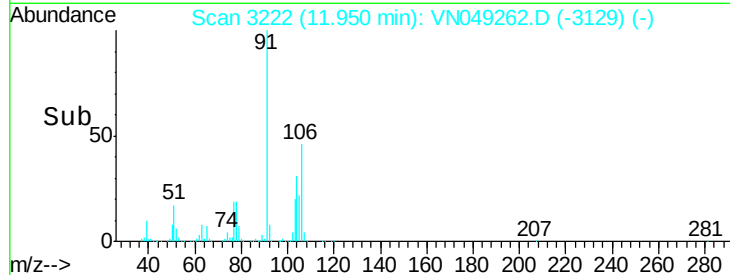
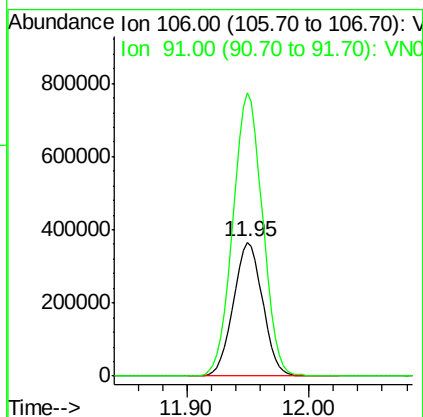
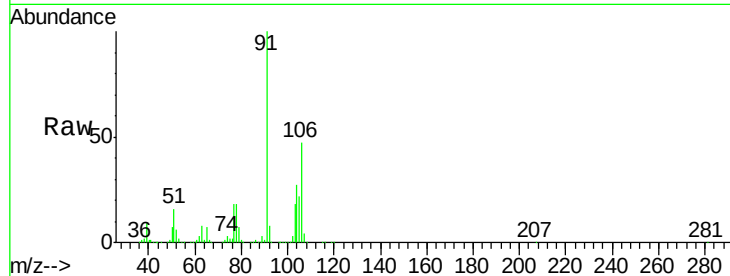




#69
o-Xylene
Concen: 19.717 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

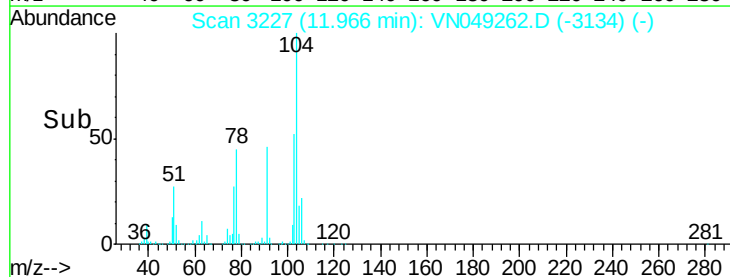
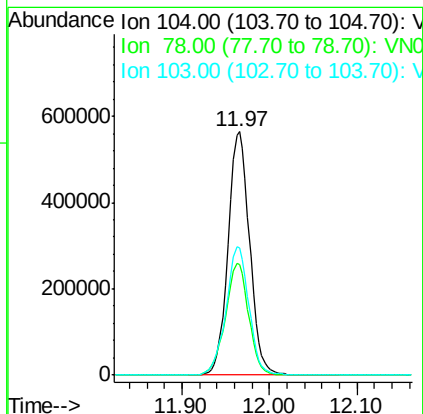
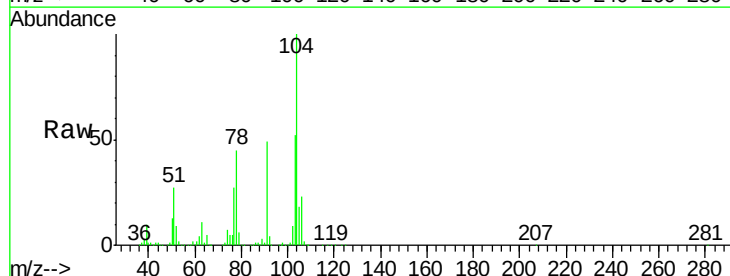
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

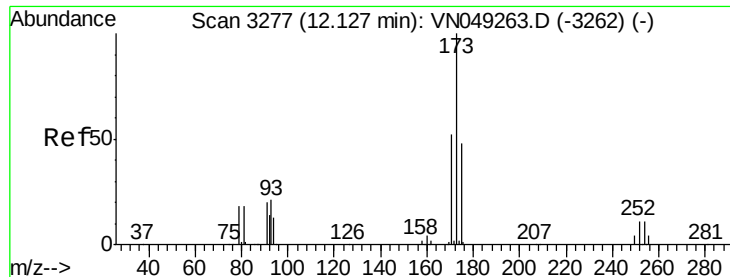
Tgt Ion:106 Resp: 609483
Ion Ratio Lower Upper
106 100
91 214.2 111.0 333.0



#70
Styrene
Concen: 19.734 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion:104 Resp: 965743
Ion Ratio Lower Upper
104 100
78 49.6 41.6 62.4
103 56.0 45.4 68.2

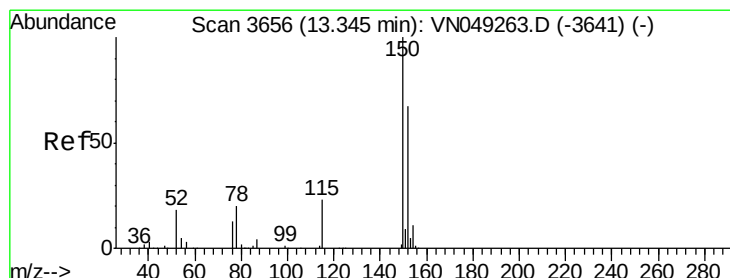
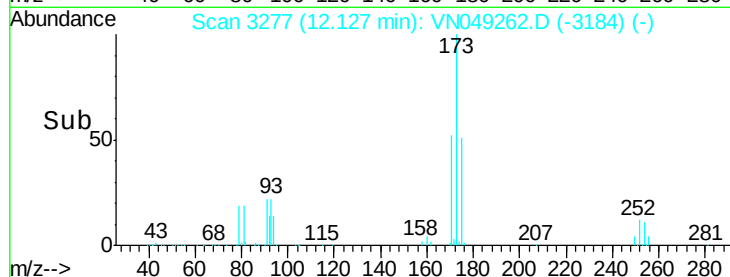
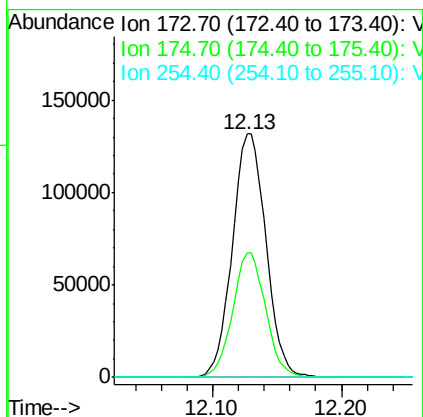
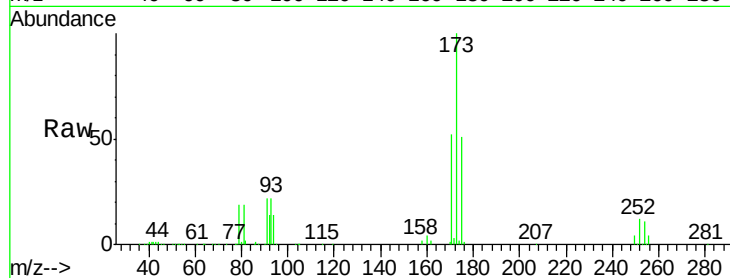




#71
 Bromoform
 Concen: 19.708 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

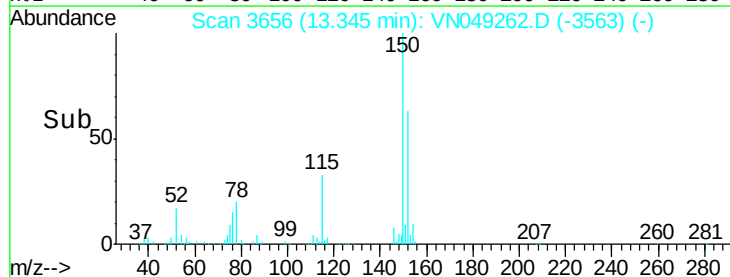
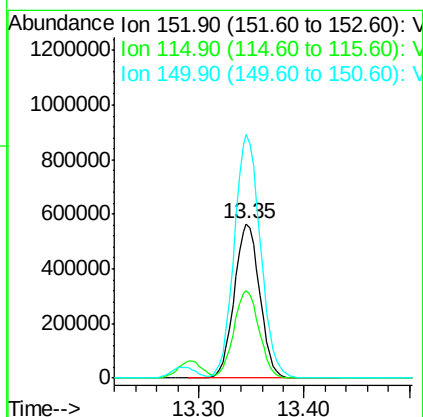
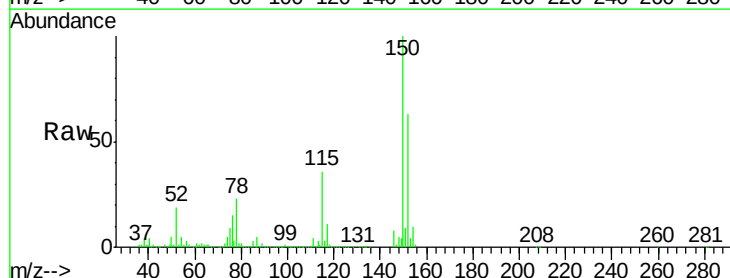
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

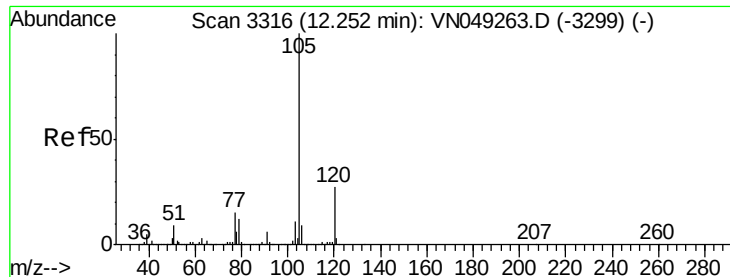
Tgt Ion:173 Resp: 238378
 Ion Ratio Lower Upper
 173 100
 175 50.2 24.5 73.5
 254 0.2 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion:152 Resp: 937142
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.7 86.1
 150 163.1 0.0 351.0





#73

Isopropylbenzene

Concen: 17.998 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

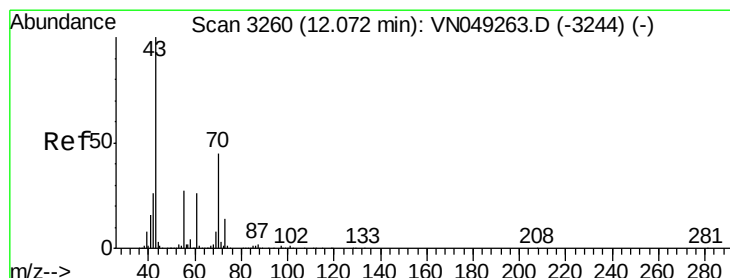
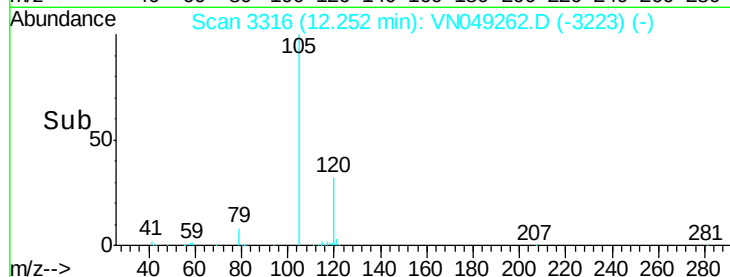
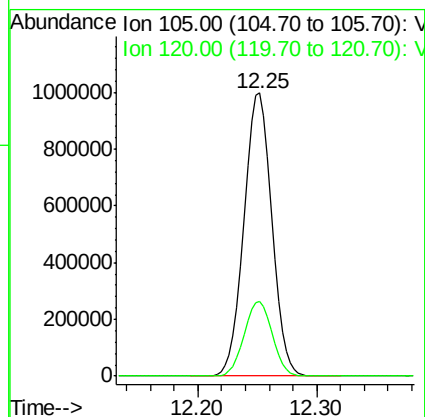
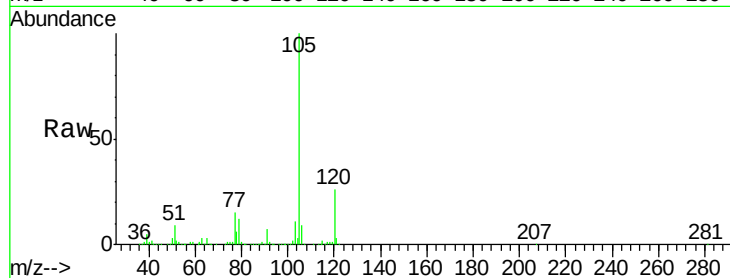
VSTDIC020

Tgt Ion:105 Resp: 1620018

Ion Ratio Lower Upper

105 100

120 26.6 12.8 38.3



#74

N-ethyl acetate

Concen: 14.177 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Tgt Ion: 43 Resp: 363518

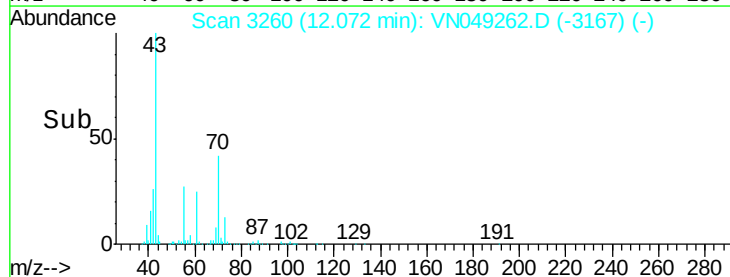
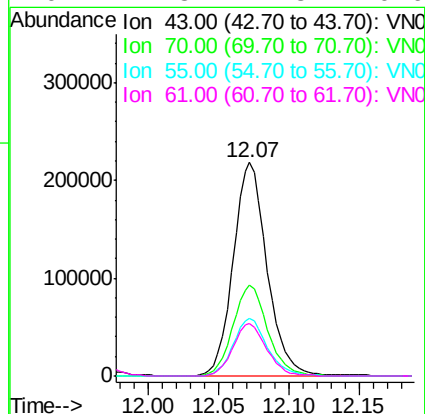
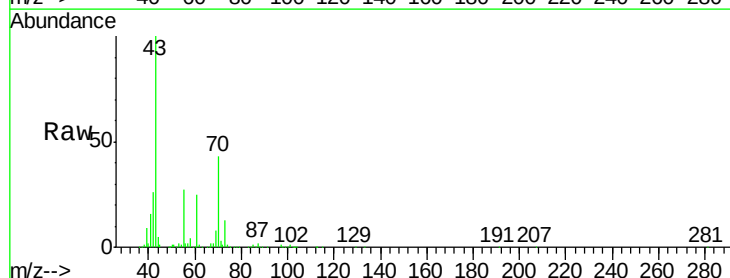
Ion Ratio Lower Upper

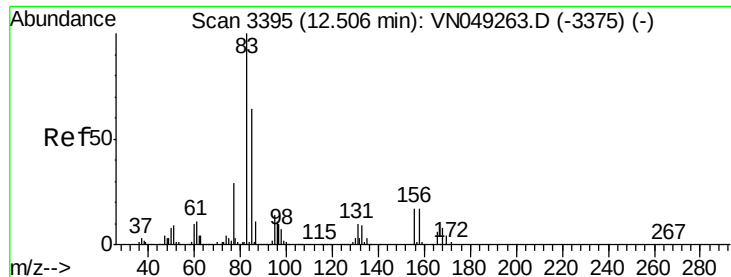
43 100

70 43.8 30.3 45.5

55 27.6 19.4 29.2

61 24.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.529 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

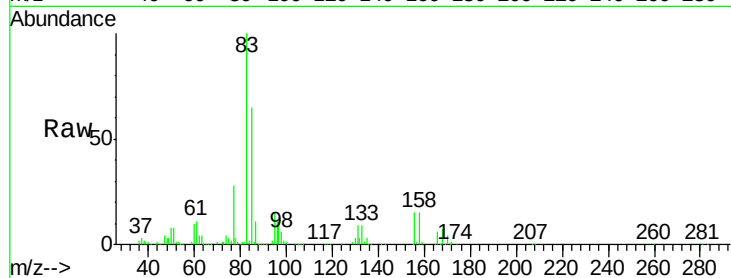
Tgt Ion: 83 Resp: 379718

Ion Ratio Lower Upper

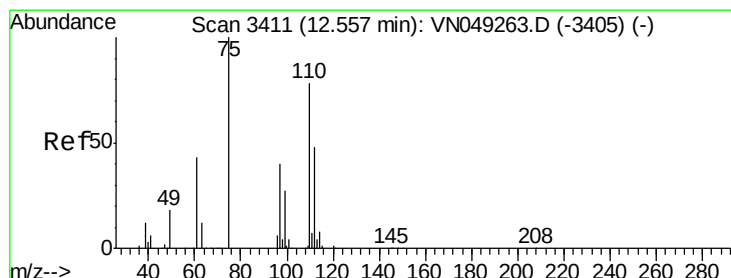
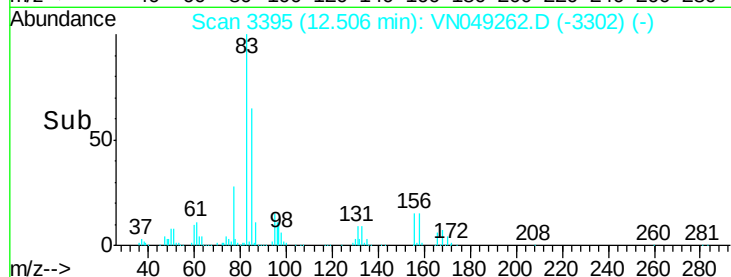
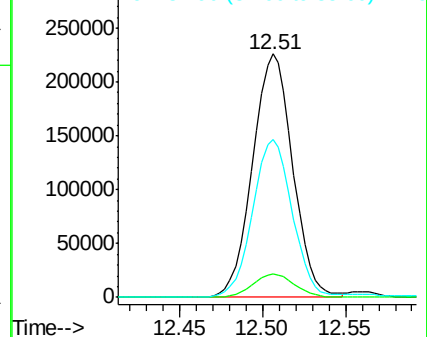
83 100

131 10.1 5.0 15.0

85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 25.061 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049262.D

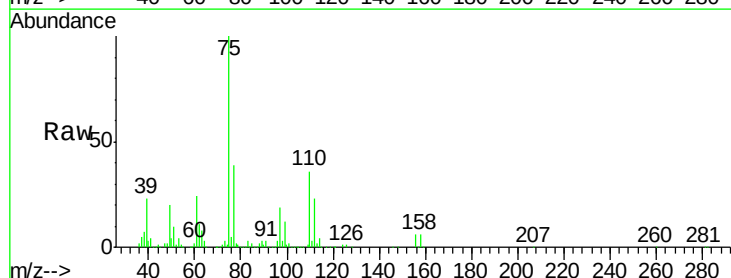
Acq: 15 Jun 2018 14:53

Tgt Ion: 75 Resp: 458212

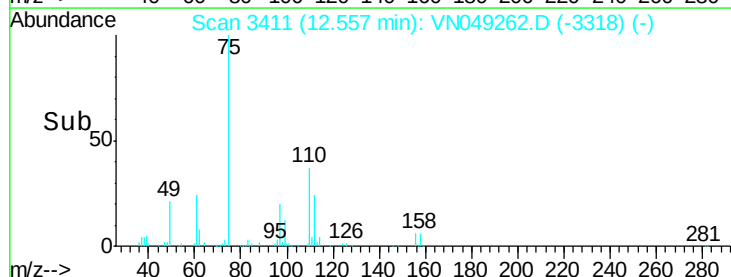
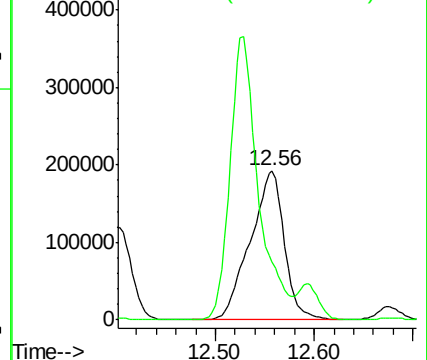
Ion Ratio Lower Upper

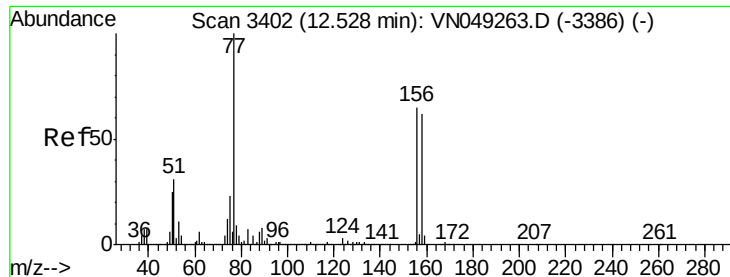
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

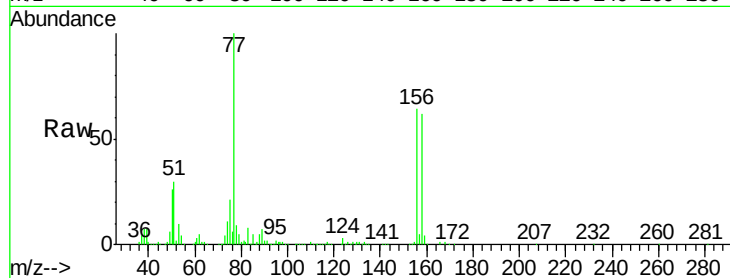
Tgt Ion:156 Resp: 402315

Ion Ratio Lower Upper

156 100

77 182.6 100.8 302.4

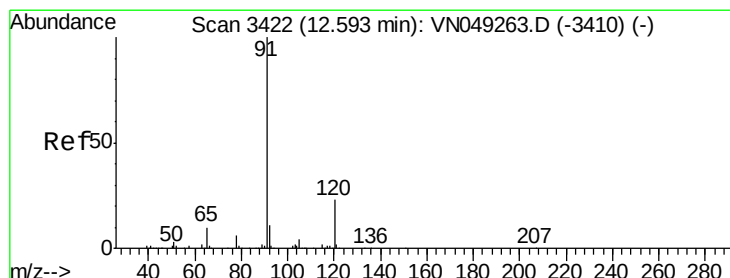
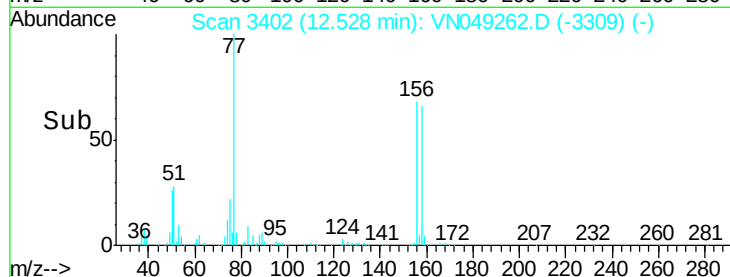
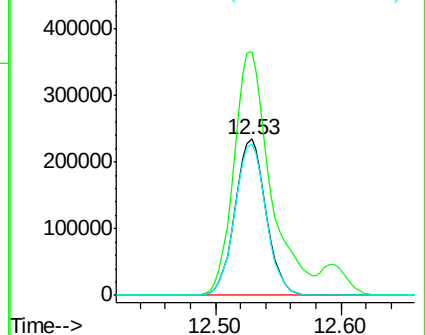
158 97.8 49.3 147.9



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: 18.016 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049262.D

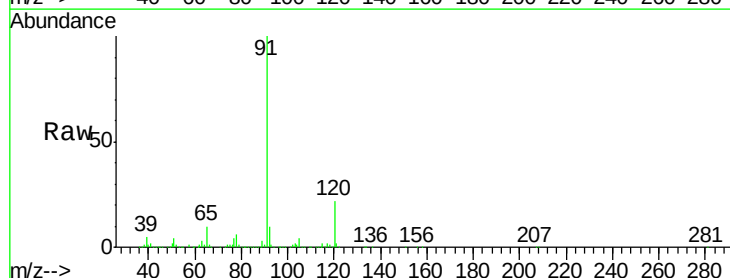
Acq: 15 Jun 2018 14:53

Tgt Ion: 91 Resp: 1801512

Ion Ratio Lower Upper

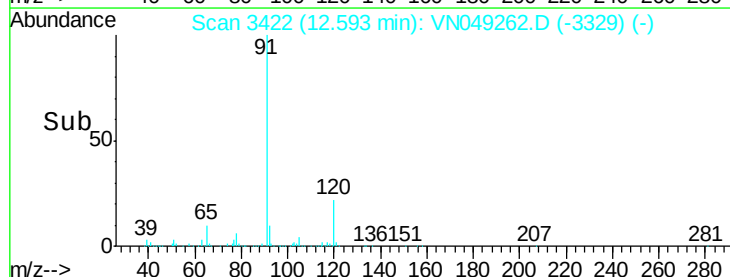
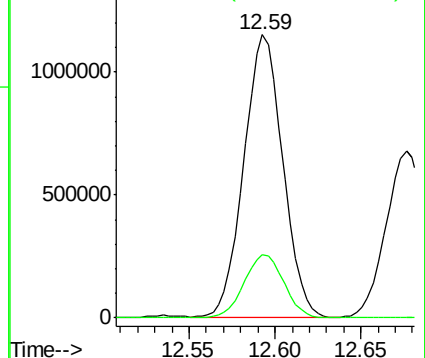
91 100

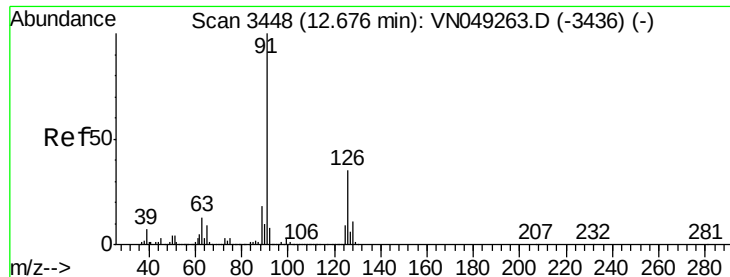
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.731 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

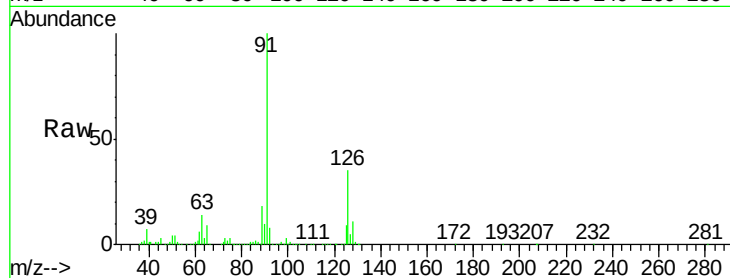
VSTDIC020

Tgt Ion: 91 Resp: 1118142

Ion Ratio Lower Upper

91 100

126 34.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049262.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049262.D (-3436) (-)

800000

600000

400000

200000

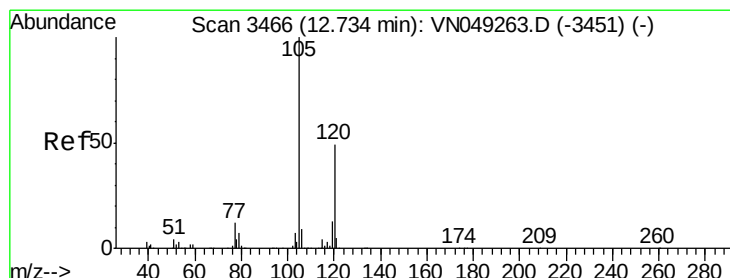
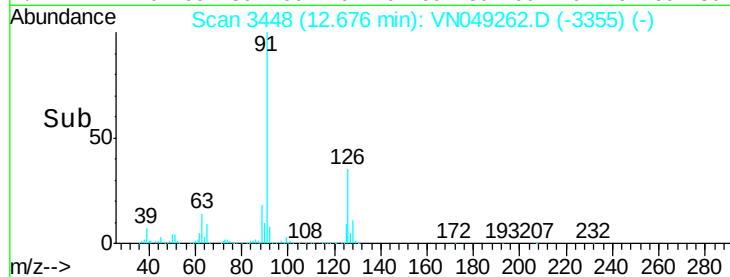
0

12.65

12.68

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.247 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049262.D

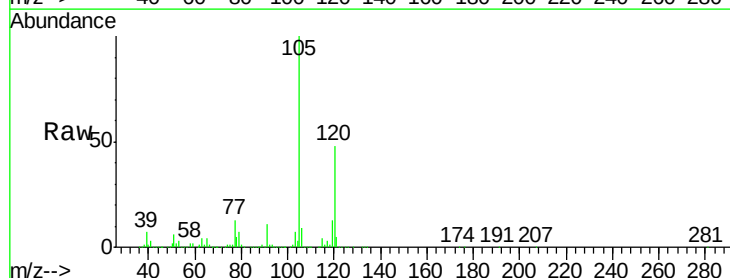
Acq: 15 Jun 2018 14:53

Tgt Ion: 105 Resp: 1328366

Ion Ratio Lower Upper

105 100

120 48.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049262.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049262.D (-3373) (-)

1000000

800000

600000

400000

200000

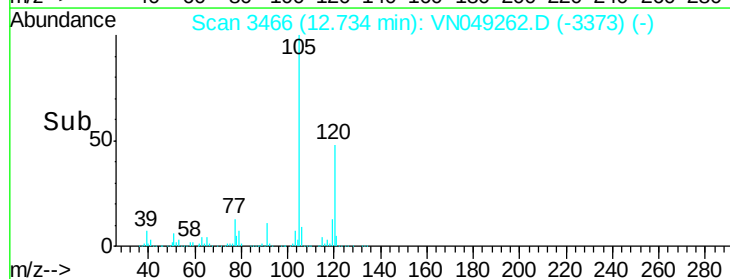
0

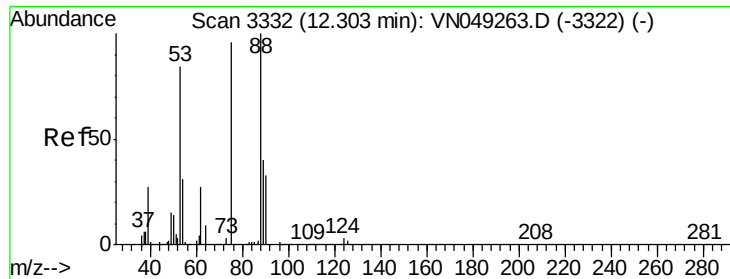
12.70

12.73

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.701 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

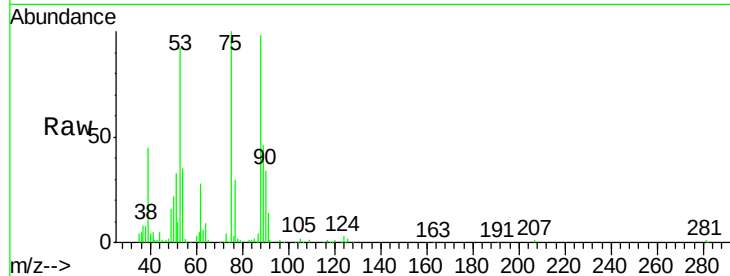
Tgt Ion: 75 Resp: 93675

Ion Ratio Lower Upper

75 100

53 95.4 82.7 124.1

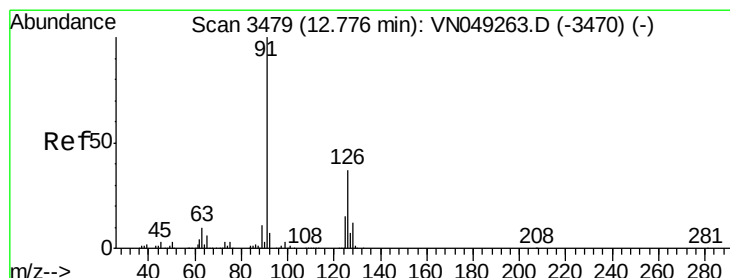
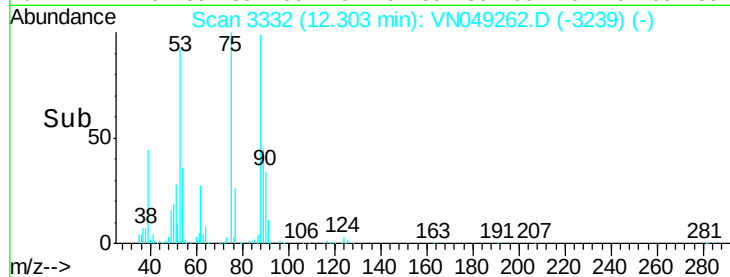
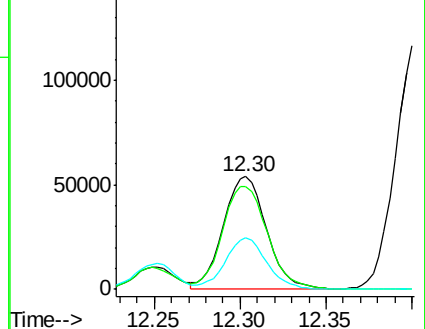
89 44.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN049262.D (-3332) (-)

Ion 53.00 (52.70 to 53.70): VN049262.D (-3332) (-)

Ion 88.90 (88.60 to 89.60): VN049262.D (-3332) (-)



#82

4-Chlorotoluene

Concen: 18.304 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049262.D

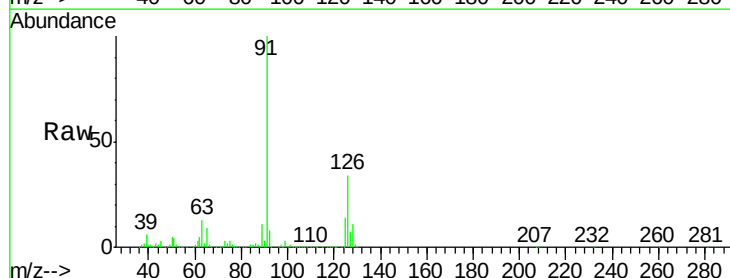
Acq: 15 Jun 2018 14:53

Tgt Ion: 91 Resp: 1094889

Ion Ratio Lower Upper

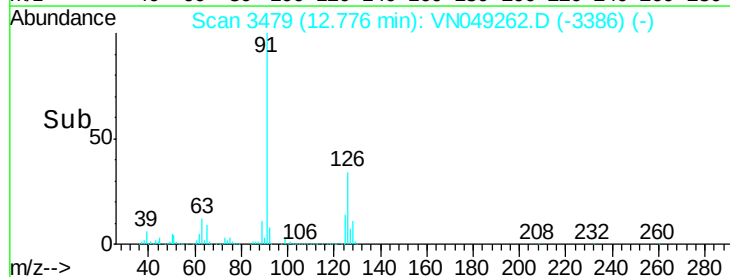
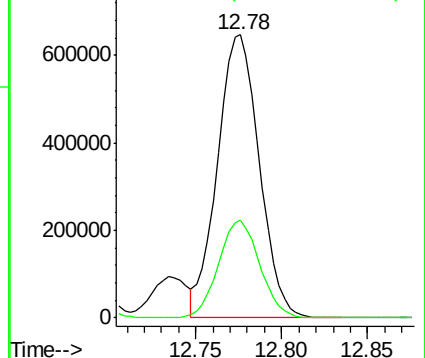
91 100

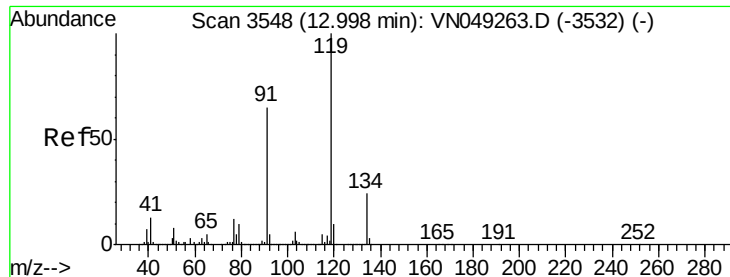
126 34.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN049262.D (-3479) (-)

Ion 125.90 (125.60 to 126.60): VN049262.D (-3479) (-)





#83

tert-Butylbenzene

Concen: 18.695 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

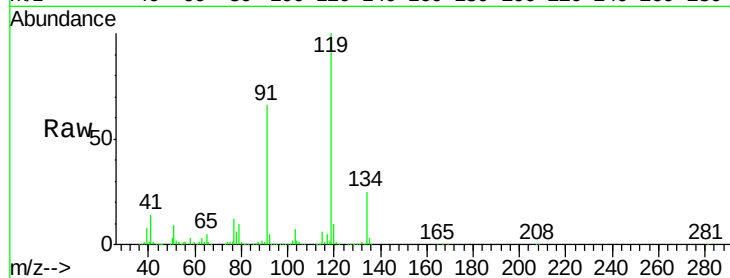
Tgt Ion:119 Resp: 1111466

Ion Ratio Lower Upper

119 100

91 64.2 33.7 101.0

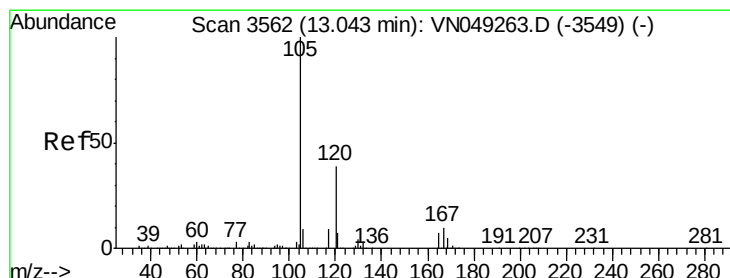
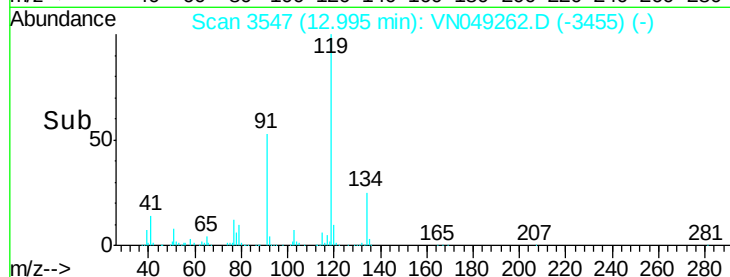
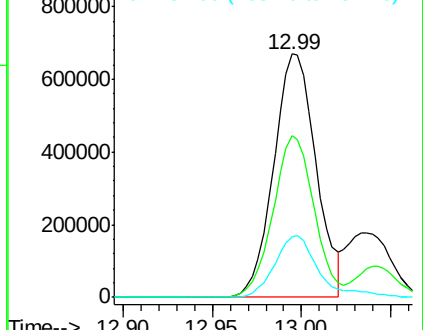
134 26.5 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.496 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049262.D

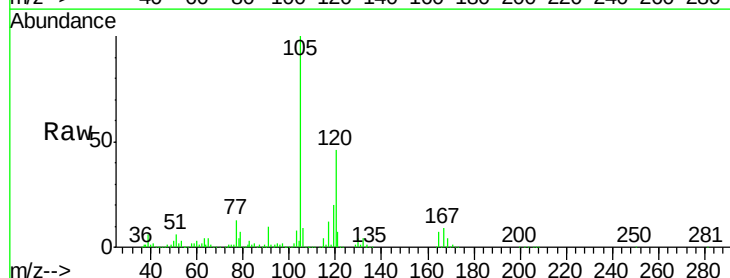
Acq: 15 Jun 2018 14:53

Tgt Ion:105 Resp: 1337384

Ion Ratio Lower Upper

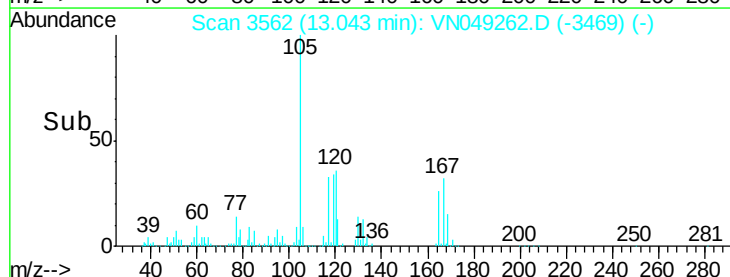
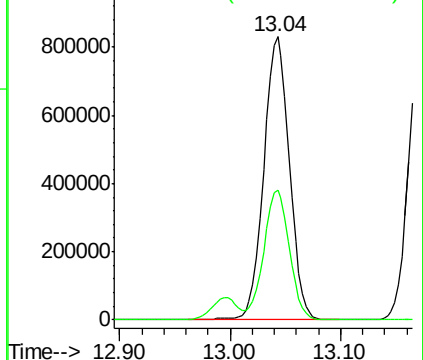
105 100

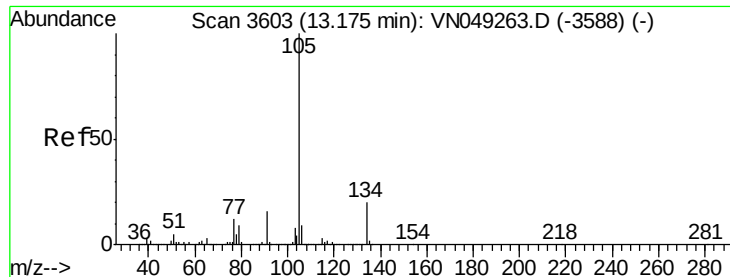
120 45.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.730 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

Instrument :

MSVOA_N

ClientSampled :

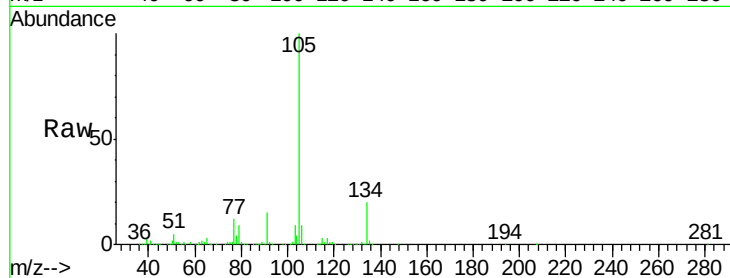
VSTDIC020

Tgt Ion:105 Resp: 1484522

Ion Ratio Lower Upper

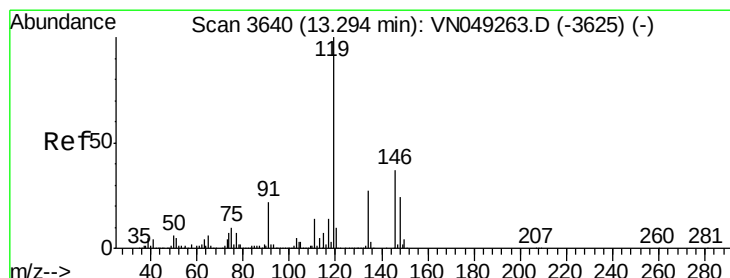
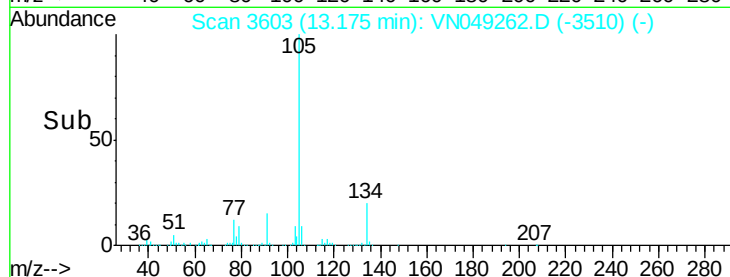
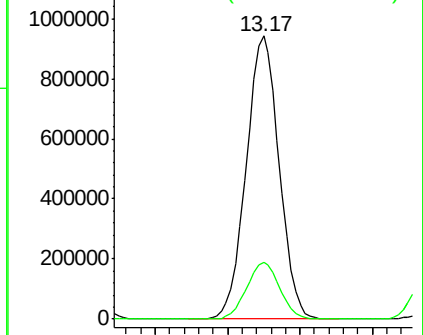
105 100

134 20.2 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.442 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049262.D

Acq: 15 Jun 2018 14:53

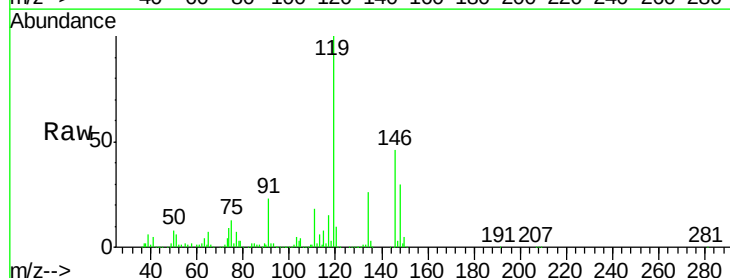
Tgt Ion:119 Resp: 1248062

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

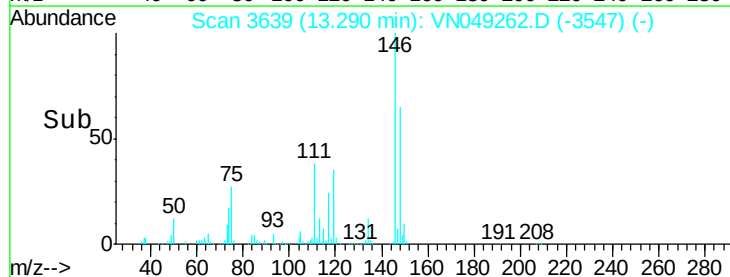
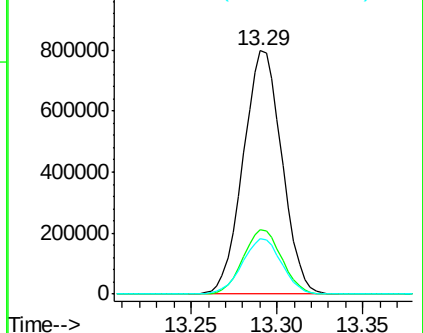
91 22.9 12.1 36.3

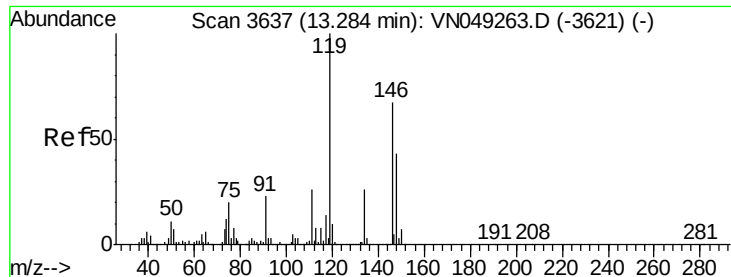


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

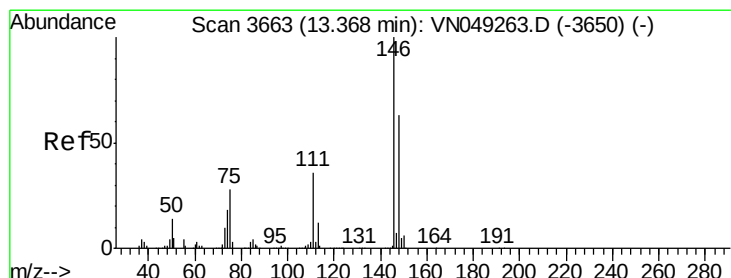
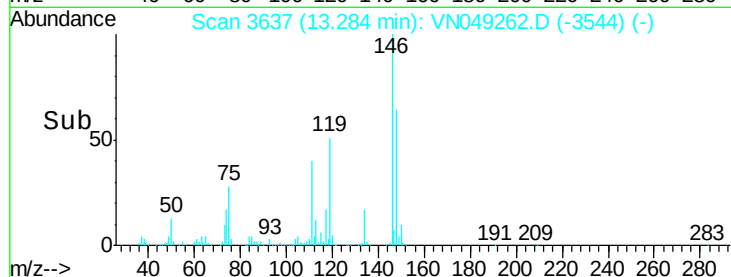
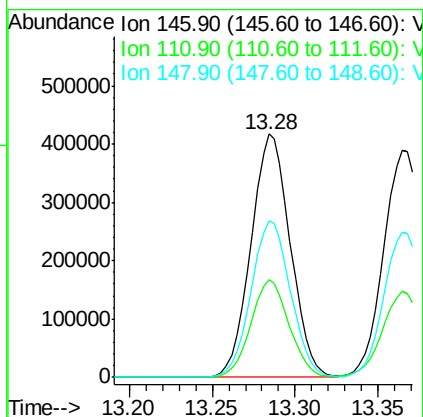
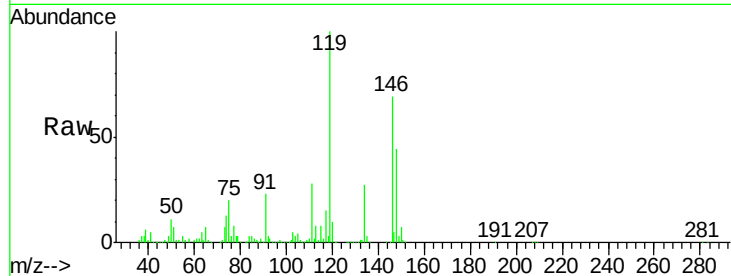




#87
 1,3-Dichlorobenzene
 Concen: 19.507 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

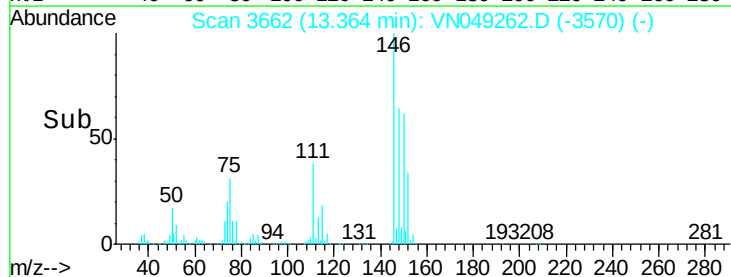
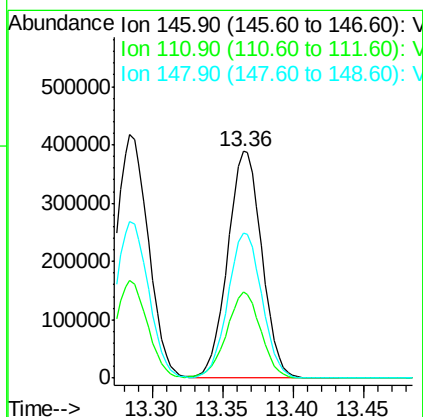
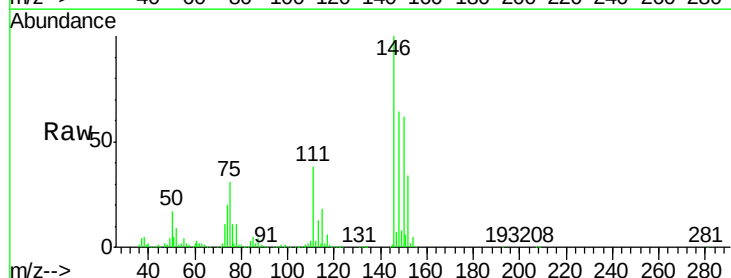
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

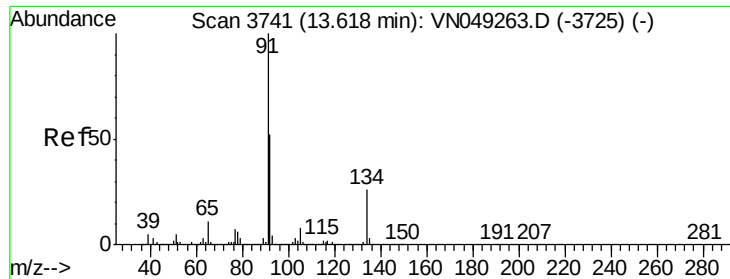
Tgt Ion:146 Resp: 686922
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.6
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion:146 Resp: 657319
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.0 32.0 96.2

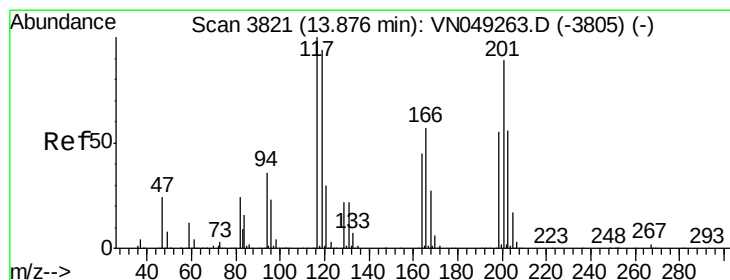
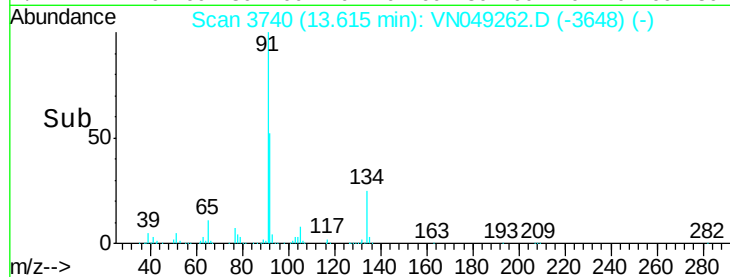
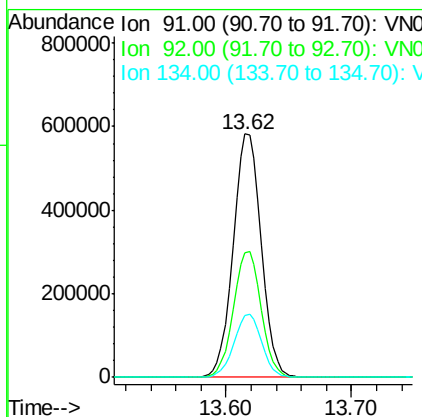
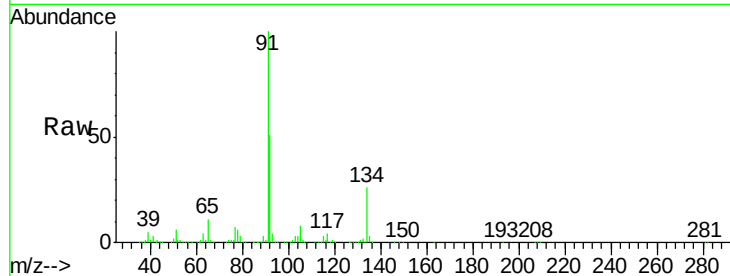




#89
n-Butylbenzene
Concen: 18.163 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

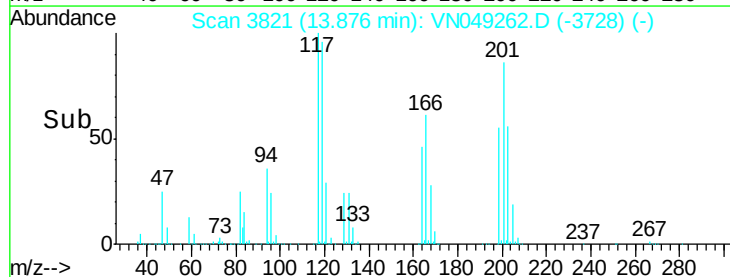
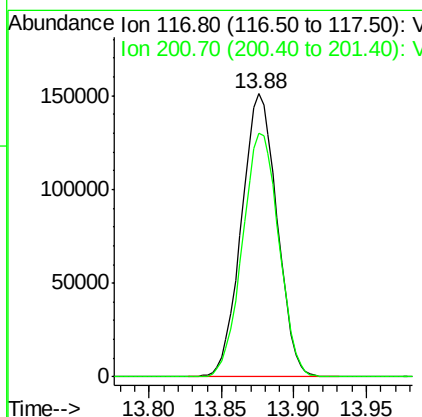
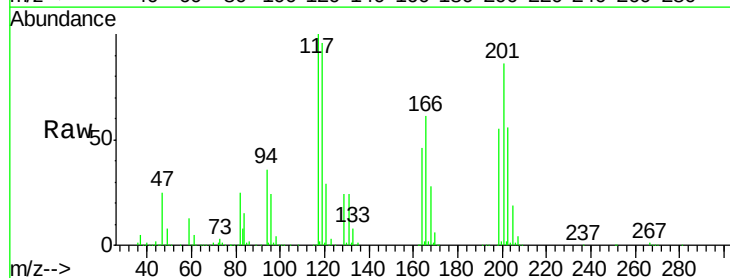
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

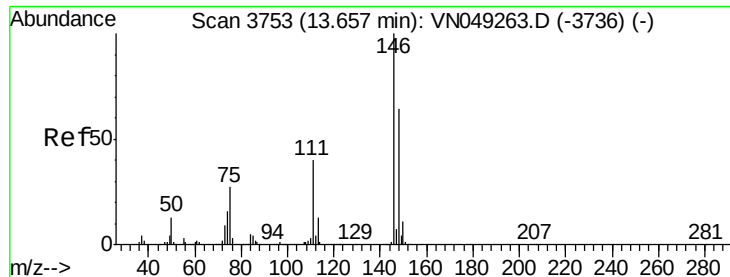
Tgt Ion:	91	Resp:	900080
Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.1	75.4
134	25.8	12.0	36.0



#90
Hexachloroethane
Concen: 17.069 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion:	117	Resp:	258268
Ion	Ratio	Lower	Upper
117	100		
201	87.7	40.1	120.2

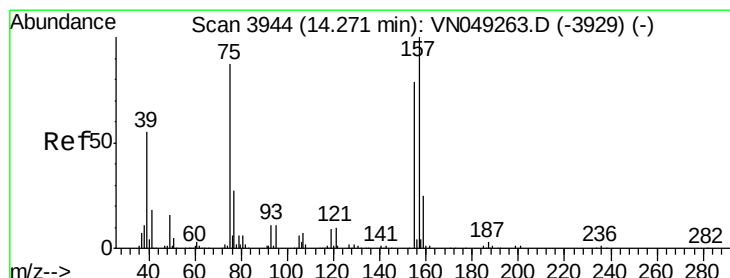
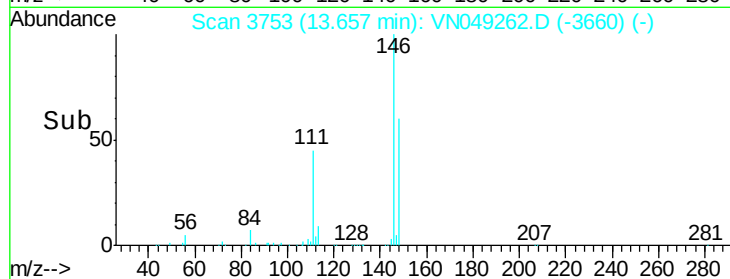
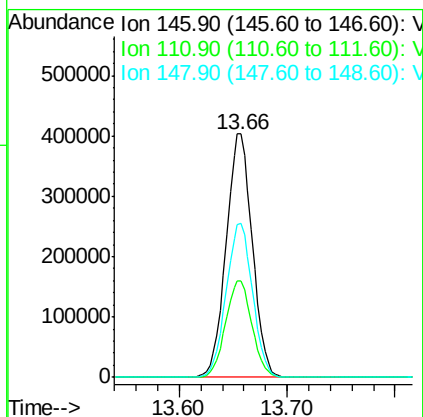
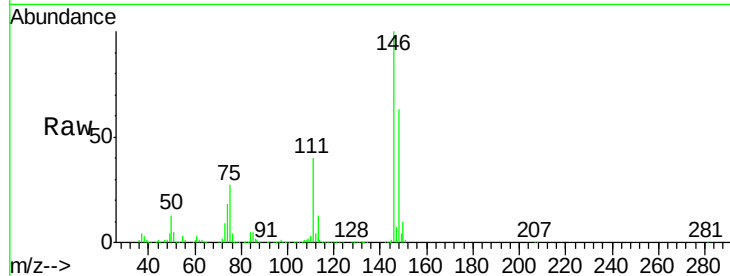




#91
 1,2-Dichlorobenzene
 Concen: 19.633 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

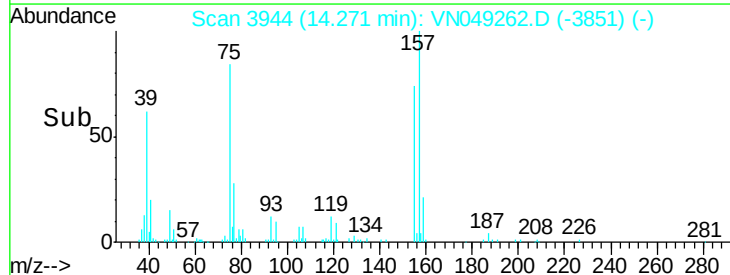
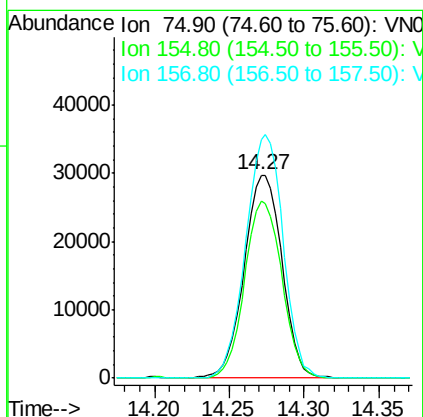
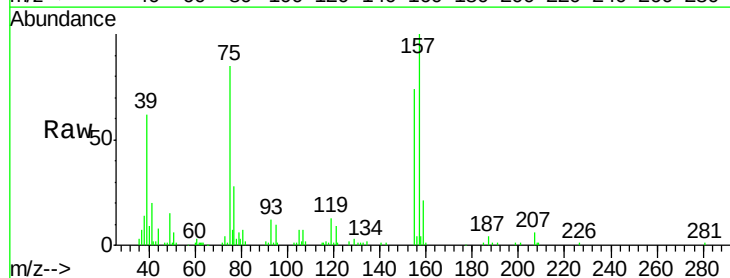
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

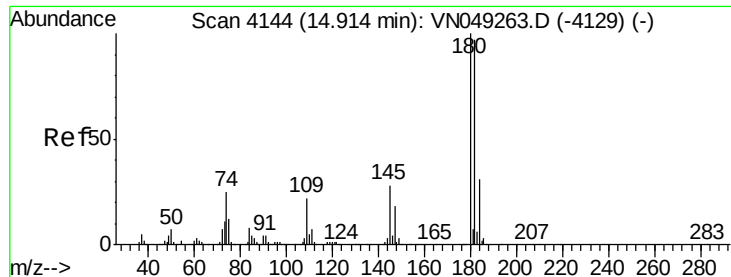
Tgt Ion:146 Resp: 680112
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.8 62.2
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.731 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion: 75 Resp: 52385
 Ion Ratio Lower Upper
 75 100
 155 85.6 38.8 116.3
 157 118.4 51.0 153.1

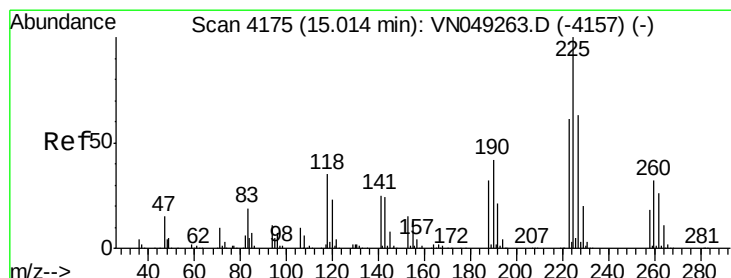
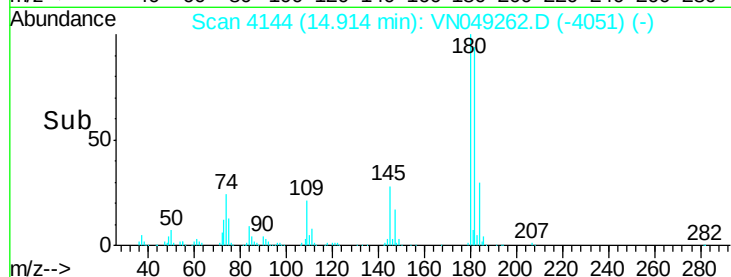
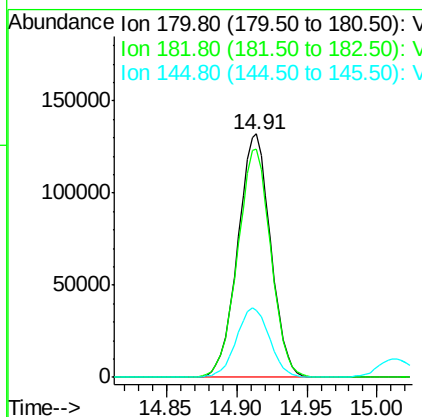
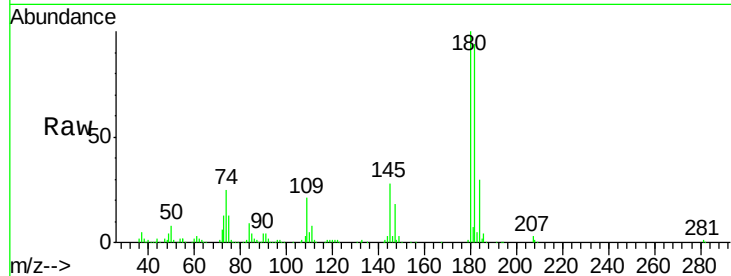




#93
 1,2,4-Trichlorobenzene
 Concen: 16.910 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

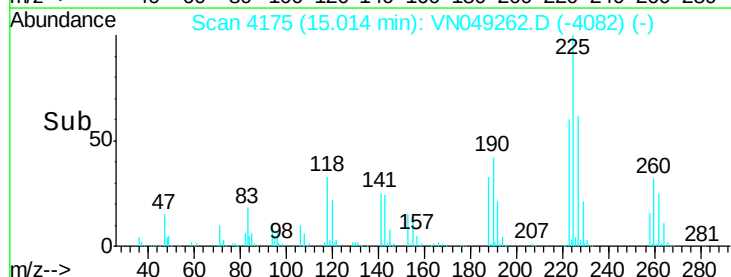
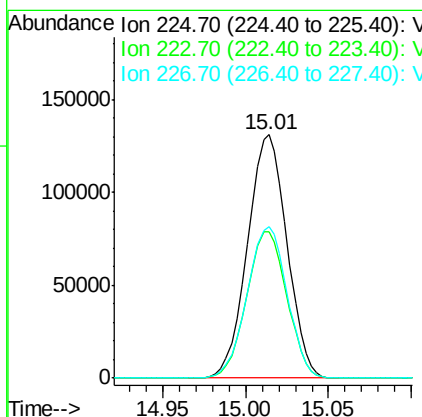
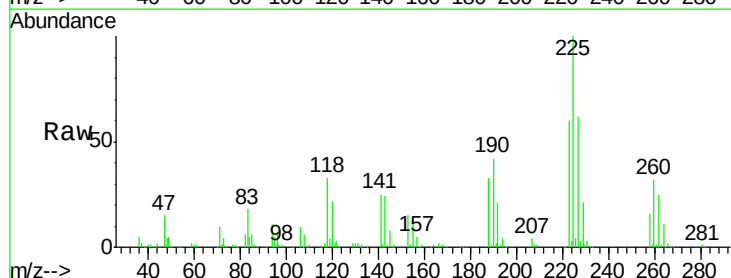
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

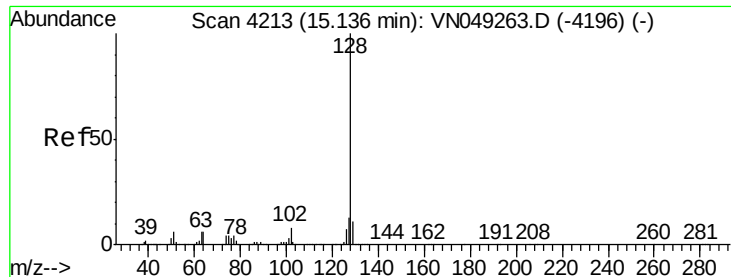
Tgt Ion:180 Resp: 214892
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.8
 145 29.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.649 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049262.D
 Acq: 15 Jun 2018 14:53

Tgt Ion:225 Resp: 216306
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.1 96.3
 227 63.3 31.8 95.3

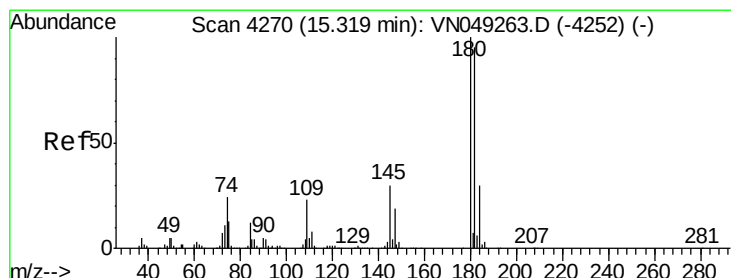
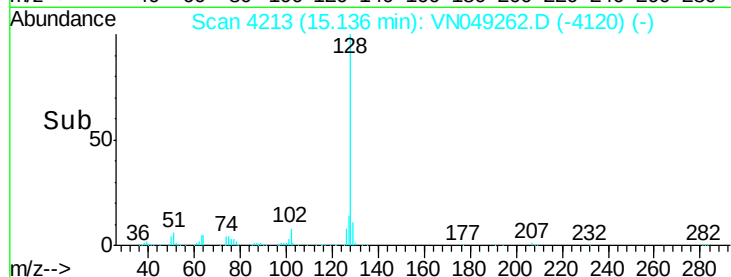
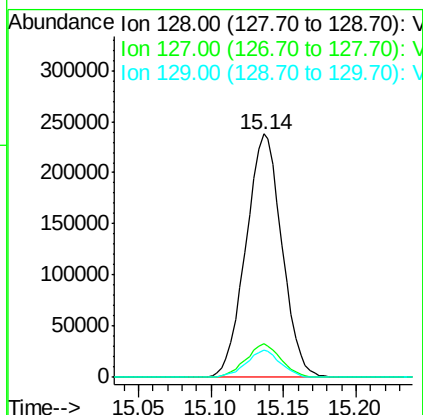
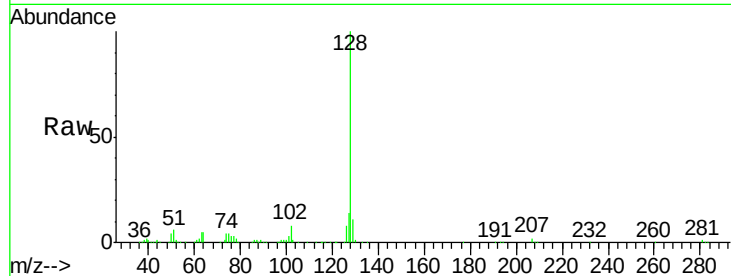




#95
Naphthalene
Concen: 14.858 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 411229
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.173 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049262.D
Acq: 15 Jun 2018 14:53

Tgt Ion:180 Resp: 234935
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.8
145 30.9 15.6 46.7

