

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049627.D
 Acq On : 29 Jun 2018 11:45
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 30 00:20:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1376484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2069846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1834146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	953718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375600	20.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.32%	
35) Dibromofluoromethane	7.59	113	326827	21.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.24%	
50) Toluene-d8	10.09	98	1230701	20.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.64%	
62) 4-Bromofluorobenzene	12.40	95	406228	19.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	327128	21.088	ug/l	94
3) Chloromethane	2.06	50	383430	19.790	ug/l	99
4) Vinyl Chloride	2.18	62	422961	20.326	ug/l	100
5) Bromomethane	2.56	94	213496	19.532	ug/l	98
6) Chloroethane	2.70	64	262734	19.948	ug/l	99
7) Trichlorofluoromethane	3.02	101	474074	19.945	ug/l	99
8) Diethyl Ether	3.41	74	186435	19.351	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	341304	19.958	ug/l	100
10) Methyl Iodide	3.95	142	404038	18.878	ug/l	99
11) Tert butyl alcohol	4.79	59	98616	94.541	ug/l	98
12) 1,1-Dichloroethene	3.73	96	312503	19.329	ug/l	99
13) Acrolein	3.61	56	96248	98.782	ug/l	96
14) Allyl chloride	4.32	41	456887	20.574	ug/l	100
15) Acrylonitrile	4.99	53	505604	93.848	ug/l	99
16) Acetone	3.82	43	382275	84.908	ug/l	99
17) Carbon Disulfide	4.05	76	885915	18.077	ug/l	98
18) Methyl Acetate	4.33	43	363344	13.264	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	805797	19.334	ug/l	99
20) Methylene Chloride	4.54	84	354727	18.951	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	321668	19.332	ug/l	97
22) Diisopropyl ether	5.95	45	1027823	20.457	ug/l	94
23) Vinyl Acetate	5.90	43	3158650	96.945	ug/l	100
24) 1,1-Dichloroethane	5.85	63	626539	19.794	ug/l	99
25) 2-Butanone	6.84	43	559203	92.666	ug/l	100
26) 2,2-Dichloropropane	6.82	77	519578	19.764	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	365495	19.665	ug/l	98
28) Bromochloromethane	7.19	49	274421	20.427	ug/l	100
29) Tetrahydrofuran	7.21	42	370572	96.346	ug/l	99
30) Chloroform	7.37	83	645869	20.017	ug/l	99
31) Cyclohexane	7.65	56	547554	17.567	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	547585	20.045	ug/l	99
36) 1,1-Dichloropropene	7.79	75	459126	19.716	ug/l	99
37) Ethyl Acetate	6.93	43	270077	19.884	ug/l	97
38) Carbon Tetrachloride	7.77	117	442639	19.540	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	486344	19.048	ug/l	98
40) Benzene	8.04	78	1418161	19.944	ug/l	100
41) Methacrylonitrile	7.21	41	371064	51.179	ug/l #	43
42) 1,2-Dichloroethane	8.13	62	446344	19.669	ug/l	100
43) Isopropyl Acetate	8.17	43	523730	16.320	ug/l	99
44) Trichloroethene	8.84	130	419804	19.577	ug/l	99
45) 1,2-Dichloropropane	9.12	63	374281	20.373	ug/l	100
46) Dibromomethane	9.21	93	220595	19.848	ug/l	99
47) Bromodichloromethane	9.40	83	472061	19.952	ug/l	99
48) Methyl methacrylate	9.20	41	234517	19.430	ug/l	100
49) 1,4-Dioxane	9.20	88	61543	379.272	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1280299	96.141	ug/l	99
52) Toluene	10.16	92	861428	20.053	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	424575	18.741	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	517043	19.528	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	311620	19.482	ug/l	99
56) Ethyl methacrylate	10.43	69	355437	18.958	ug/l	99
57) 1,3-Dichloropropane	10.71	76	518702	19.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	794479	91.026	ug/l	100
59) 2-Hexanone	10.75	43	822794	93.437	ug/l	99
60) Dibromochloromethane	10.90	129	338653	19.589	ug/l	100
61) 1,2-Dibromoethane	11.01	107	293184	19.130	ug/l	99
64) Tetrachloroethene	10.63	164	487375	19.625	ug/l	98
65) Chlorobenzene	11.44	112	922871	19.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	344184	20.020	ug/l	99
67) Ethyl Benzene	11.51	91	1546680	19.555	ug/l	99
68) m/p-Xylenes	11.62	106	1225301	40.424	ug/l	100
69) o-Xylene	11.95	106	589009	20.297	ug/l	97
70) Styrene	11.97	104	949333	20.218	ug/l	100
71) Bromoform	12.13	173	216435	18.946	ug/l #	100
73) Isopropylbenzene	12.25	105	1530934	20.152	ug/l	99
74) N-amyl acetate	12.07	43	381588	18.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	336471	18.756	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	431705	26.074	ug/l #	100
77) Bromobenzene	12.53	156	397493	19.242	ug/l	98
78) n-propylbenzene	12.59	91	1761485	20.232	ug/l	99
79) 2-Chlorotoluene	12.68	91	1083779	19.668	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1306837	20.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	80957	17.977	ug/l	95
82) 4-Chlorotoluene	12.77	91	1094202	19.749	ug/l	100
83) tert-Butylbenzene	12.99	119	1078099	19.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1328054	20.474	ug/l	100
85) sec-Butylbenzene	13.17	105	1461858	20.346	ug/l	100
86) p-Isopropyltoluene	13.29	119	1285565	20.657	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	705831	18.508	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	684343	17.976	ug/l	100
89) n-Butylbenzene	13.62	91	1002206	18.810	ug/l	99
90) Hexachloroethane	13.88	117	119827	18.330	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	690240	18.620	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53464	17.080	ug/l	97

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

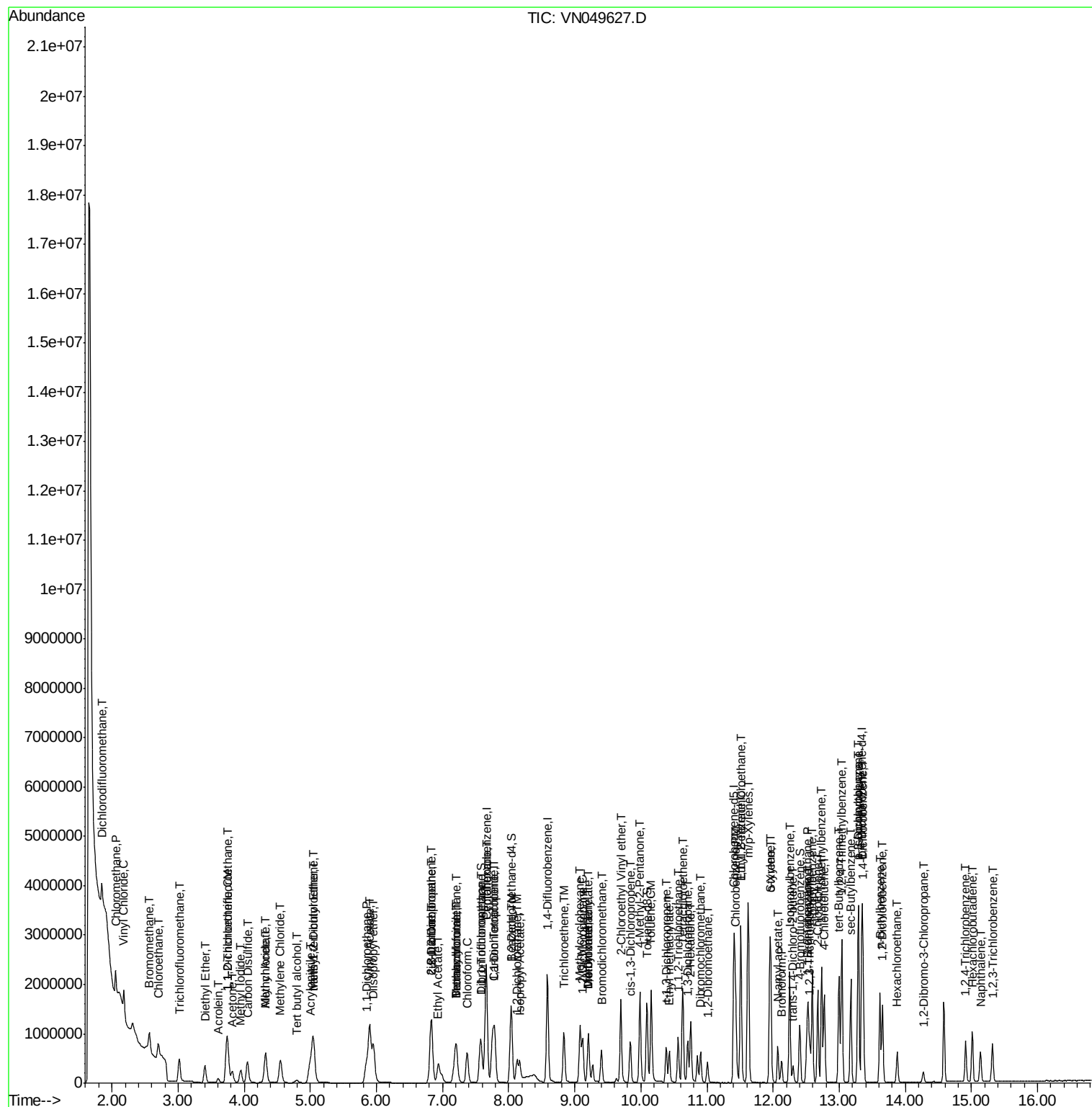
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	280719	16.446	ug/l	100
94) Hexachlorobutadiene	15.01	225	217462	18.369	ug/l	99
95) Naphthalene	15.14	128	539412	14.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	283321	16.132	ug/l	99

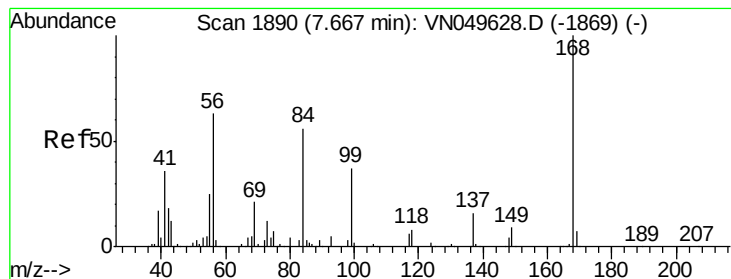
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

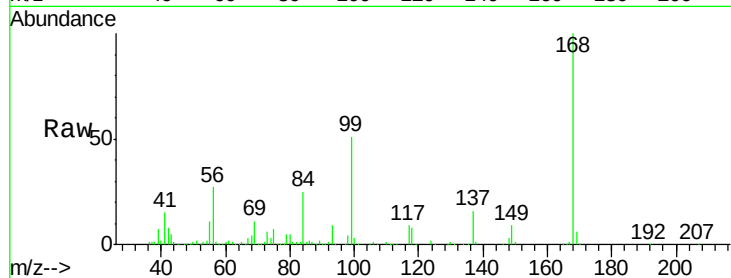
VSTDIC020

Tgt Ion:168 Resp: 1376484

Ion Ratio Lower Upper

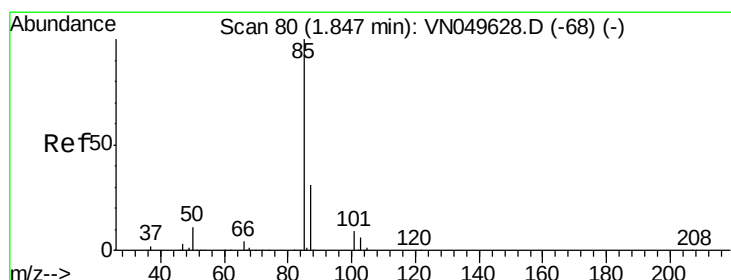
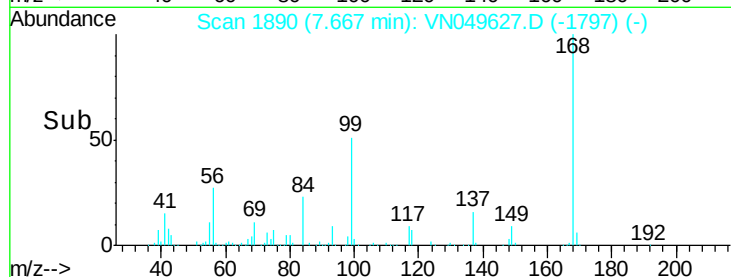
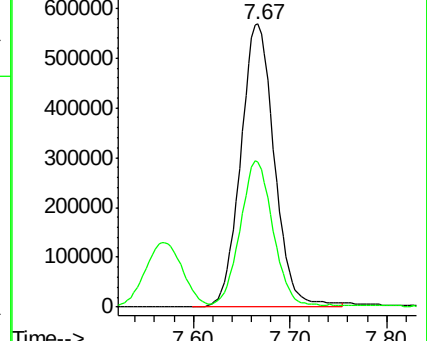
168 100

99 50.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.088 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049627.D

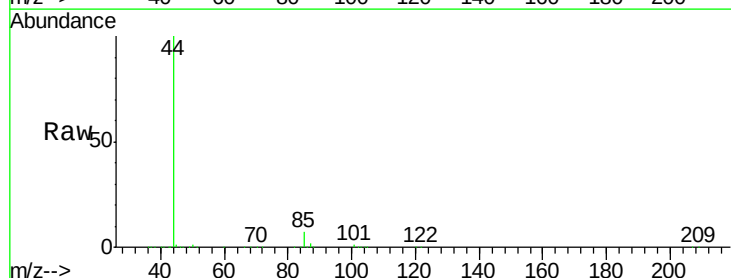
Acq: 29 Jun 2018 11:45

Tgt Ion: 85 Resp: 327128

Ion Ratio Lower Upper

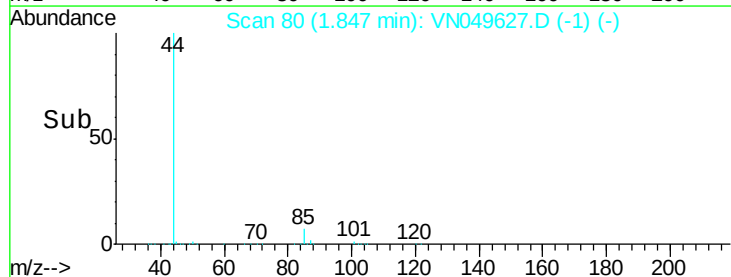
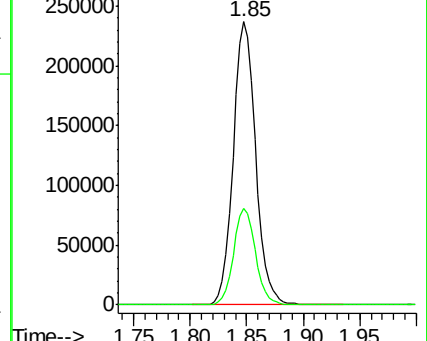
85 100

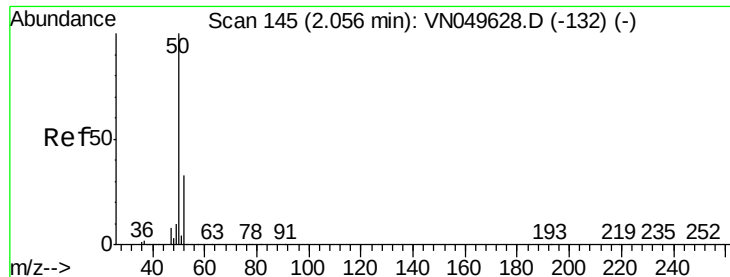
87 34.0 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.790 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

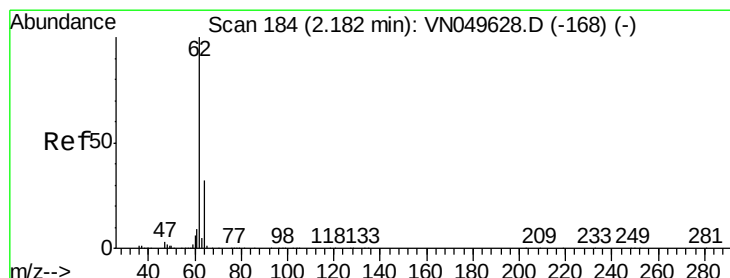
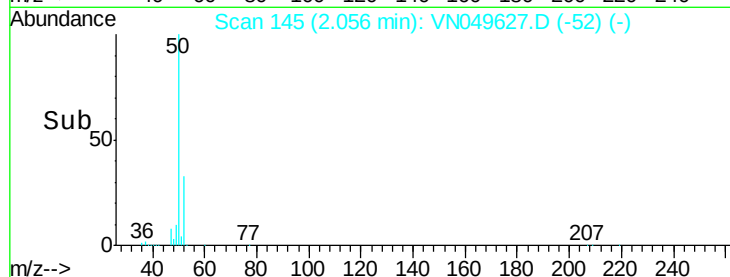
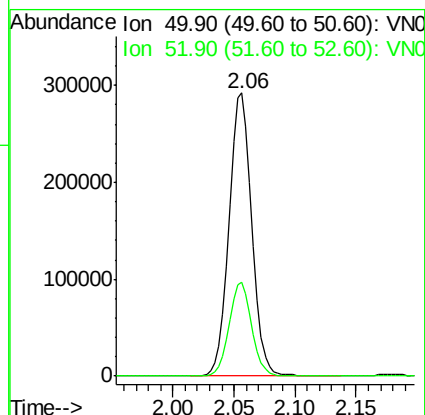
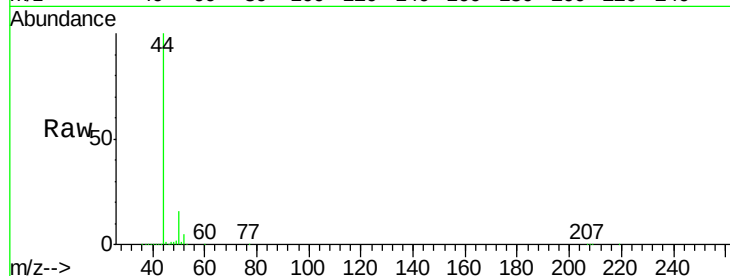
VSTDIC020

Tgt Ion: 50 Resp: 383430

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 20.326 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049627.D

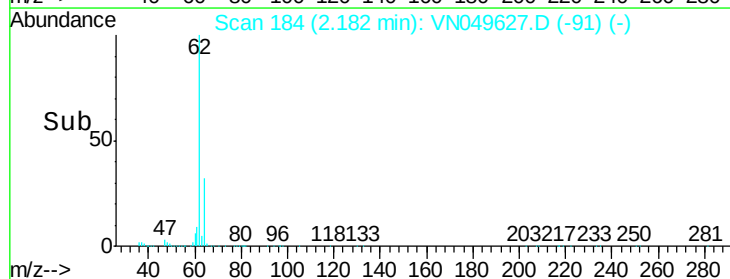
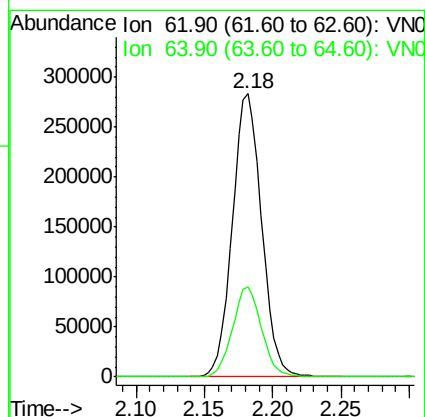
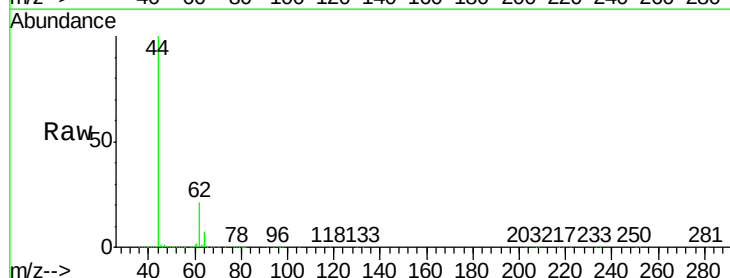
Acq: 29 Jun 2018 11:45

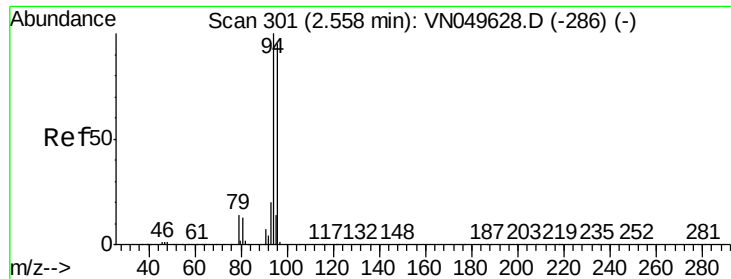
Tgt Ion: 62 Resp: 422961

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 19.532 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

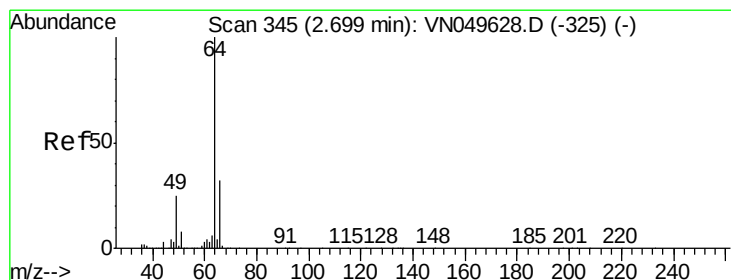
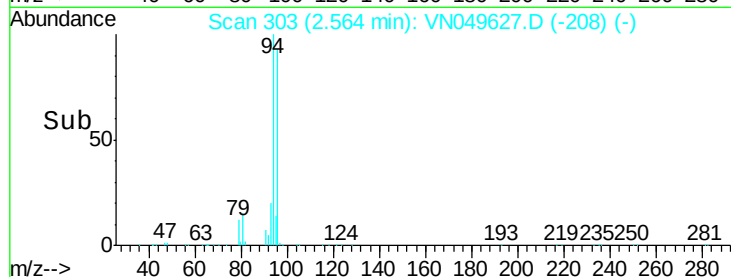
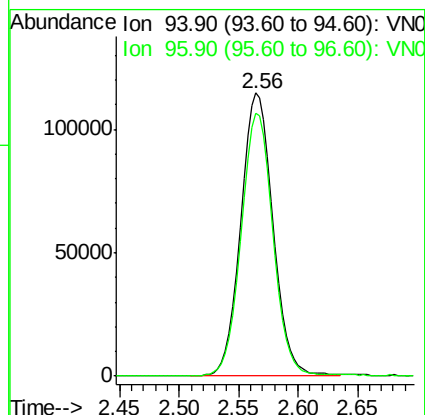
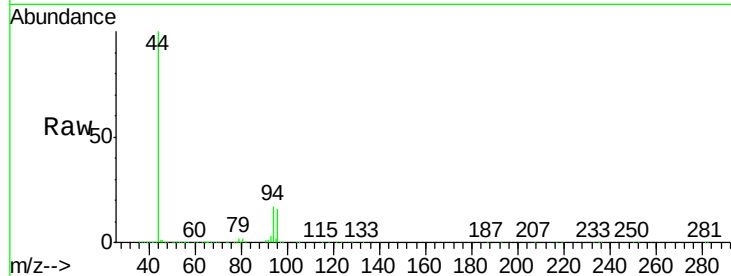
VSTDIC020

Tgt Ion: 94 Resp: 213496

Ion Ratio Lower Upper

94 100

96 92.7 75.7 113.5



#6

Chloroethane

Concen: 19.948 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049627.D

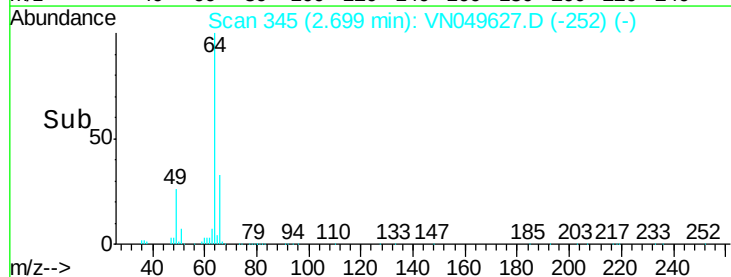
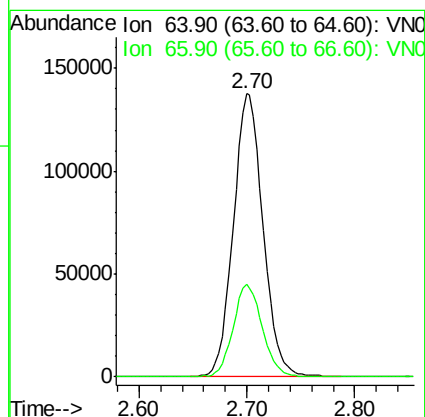
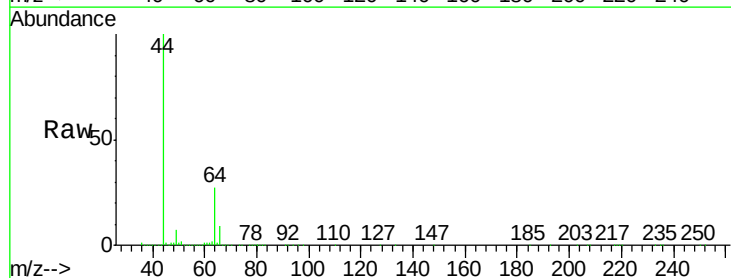
Acq: 29 Jun 2018 11:45

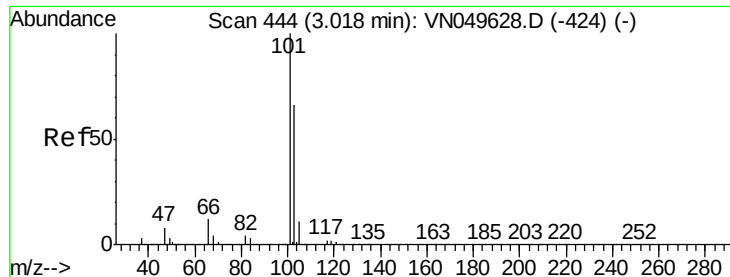
Tgt Ion: 64 Resp: 262734

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



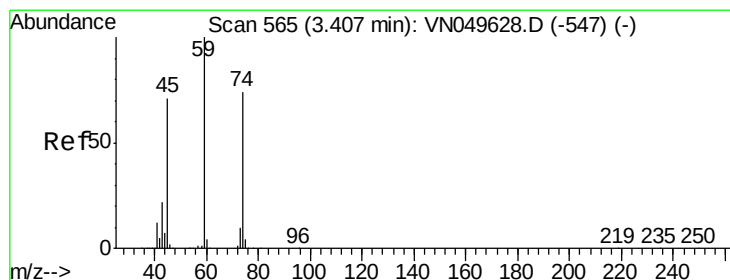
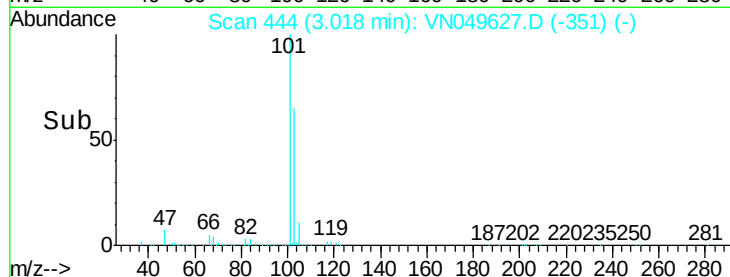
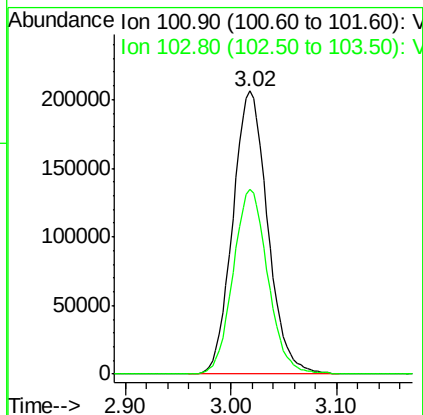
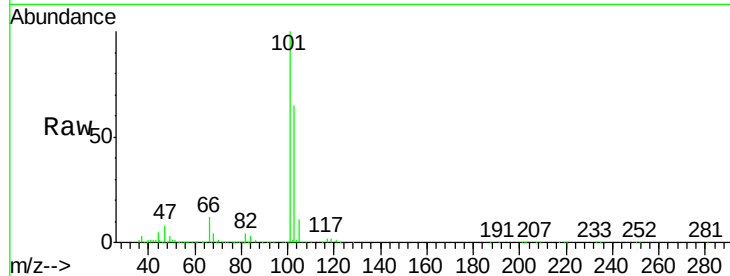


#7

Trichlorofluoromethane
 Concen: 19.945 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

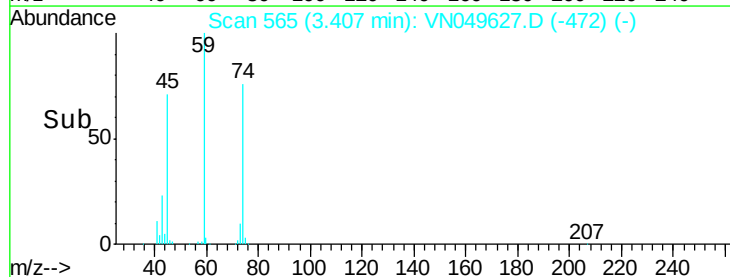
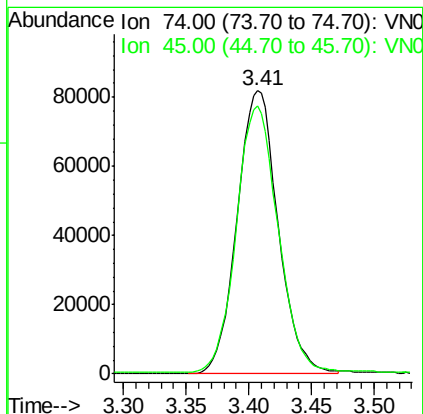
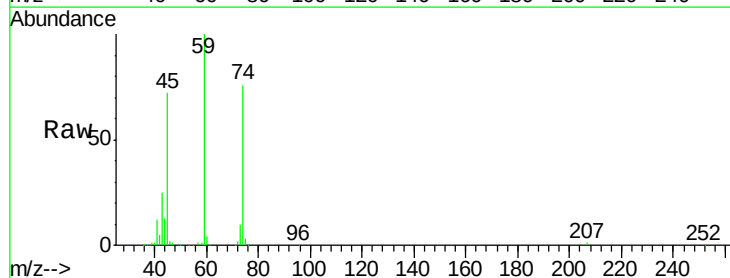
Tgt Ion:101 Resp: 474074
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.8 79.2

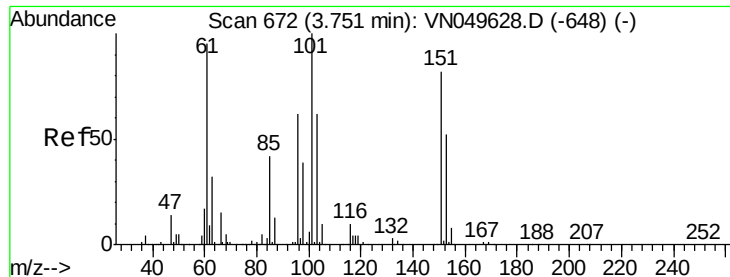


#8

Diethyl Ether
 Concen: 19.351 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 74 Resp: 186435
 Ion Ratio Lower Upper
 74 100
 45 95.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.958 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

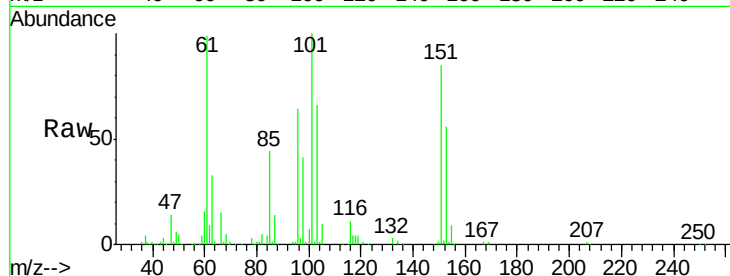
Tgt Ion:101 Resp: 341304

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

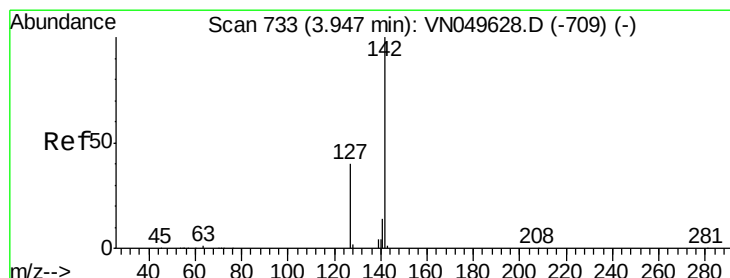
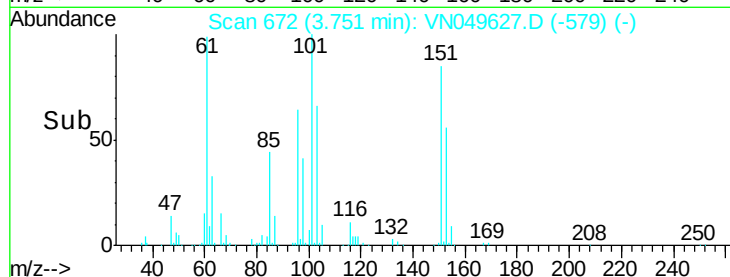
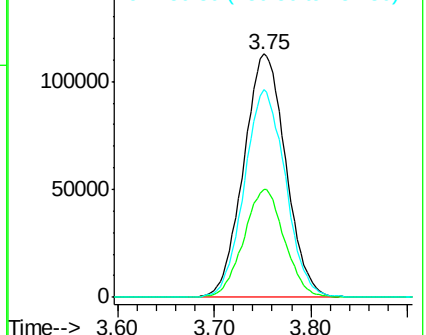
151 83.3 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.878 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

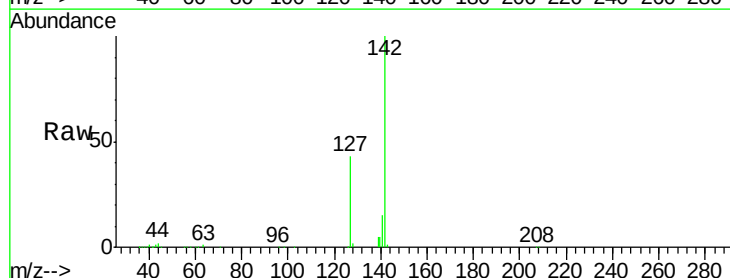
Tgt Ion:142 Resp: 404038

Ion Ratio Lower Upper

142 100

127 41.3 32.5 48.7

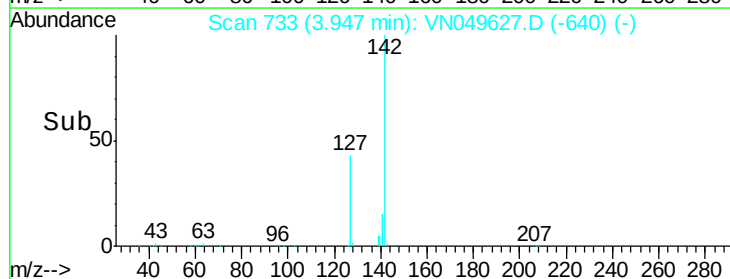
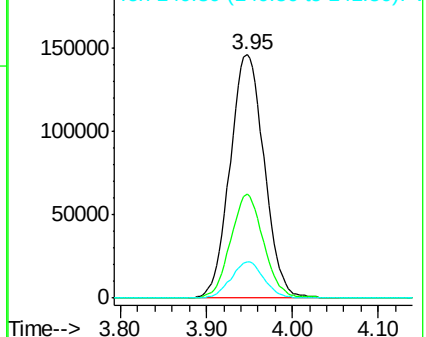
141 14.3 11.1 16.7

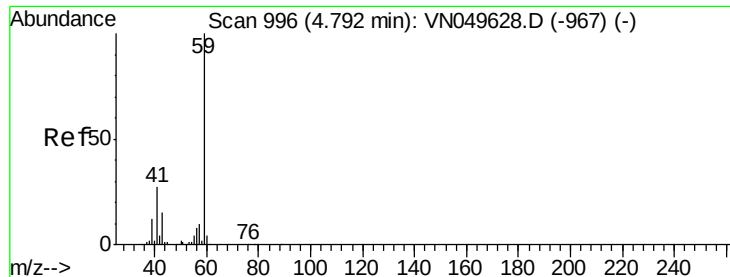


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

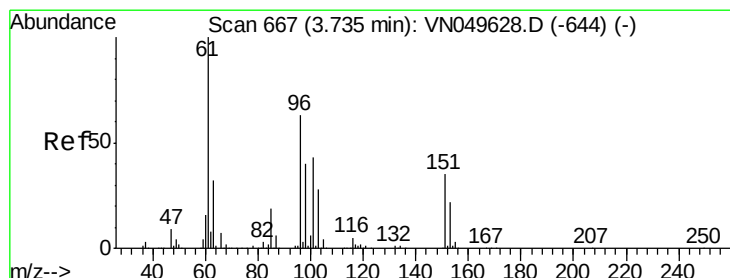
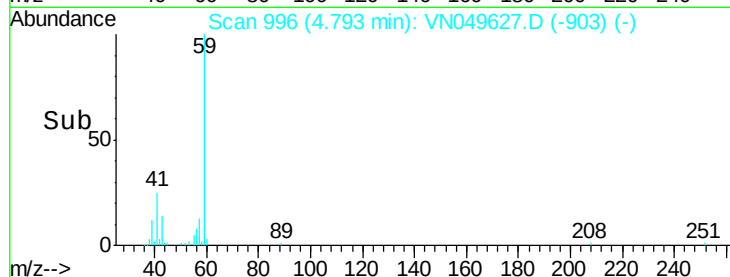
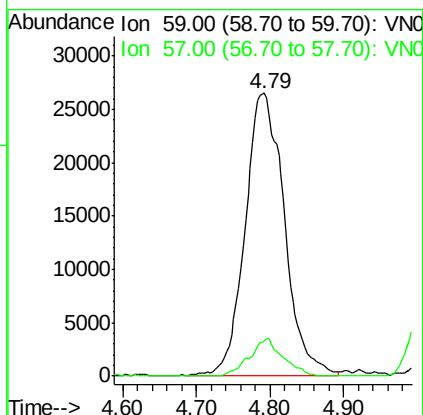
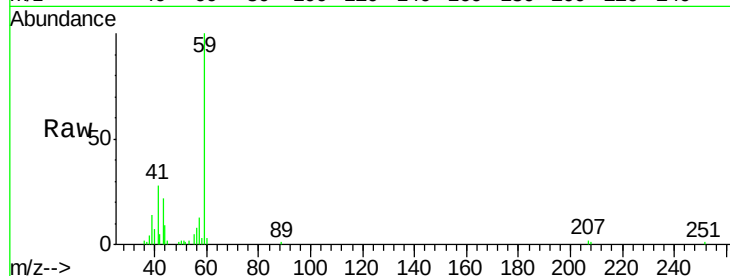




#11
Tert butyl alcohol
Concen: 94.541 ug/l
RT: 4.79 min Scan# 996
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

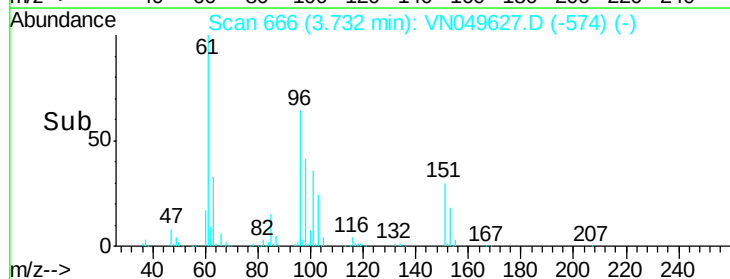
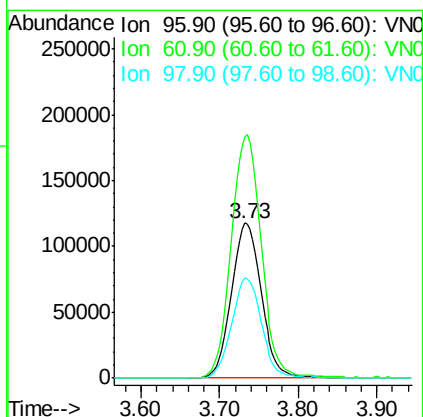
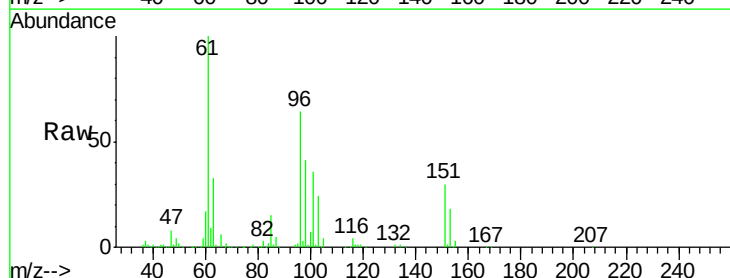
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

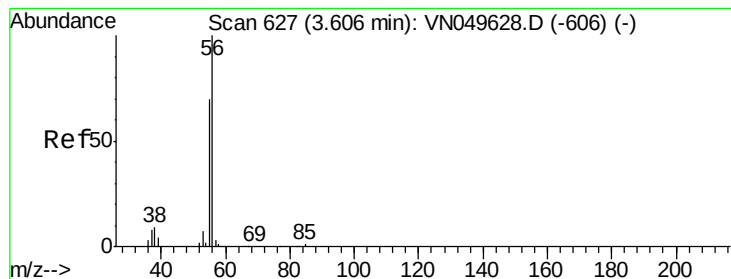
Tgt Ion: 59 Resp: 98616
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.329 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 96 Resp: 312503
Ion Ratio Lower Upper
96 100
61 156.1 126.5 189.7
98 64.4 51.0 76.6





#13

Acrolein

Concen: 98.782 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

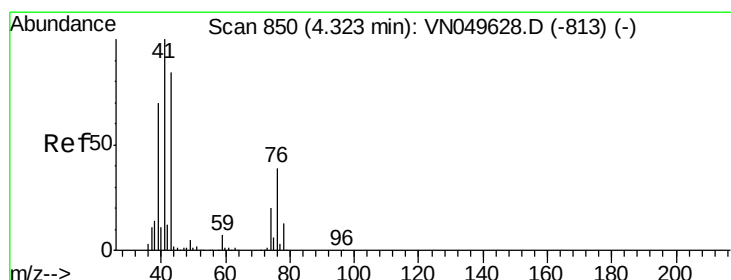
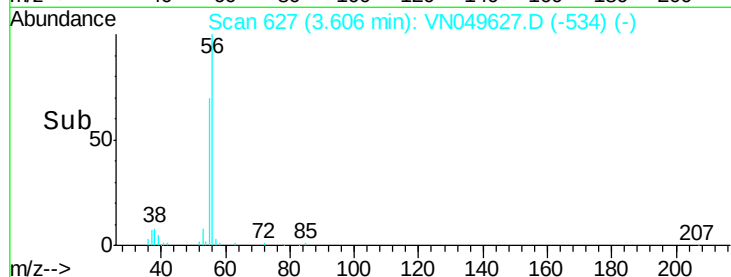
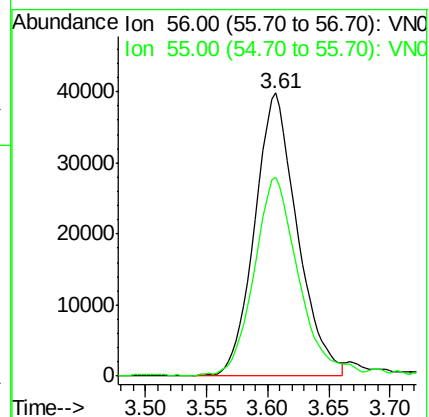
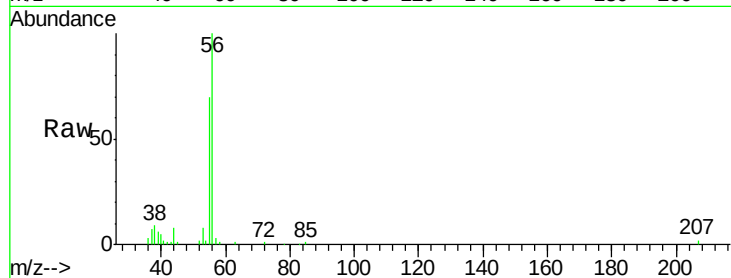
VSTDIC020

Tgt Ion: 56 Resp: 96248

Ion Ratio Lower Upper

56 100

55 73.4 55.8 83.8



#14

Allyl chloride

Concen: 20.574 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

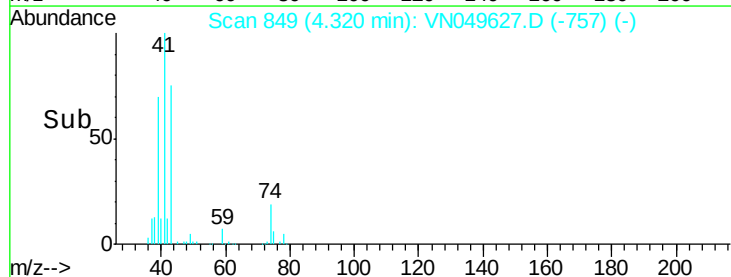
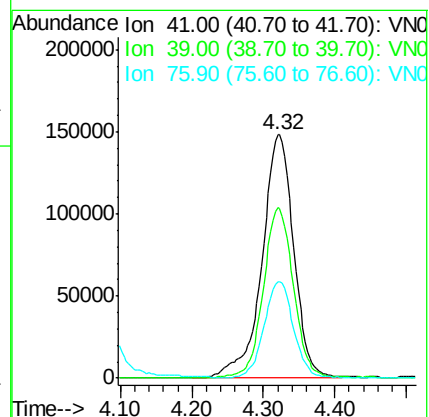
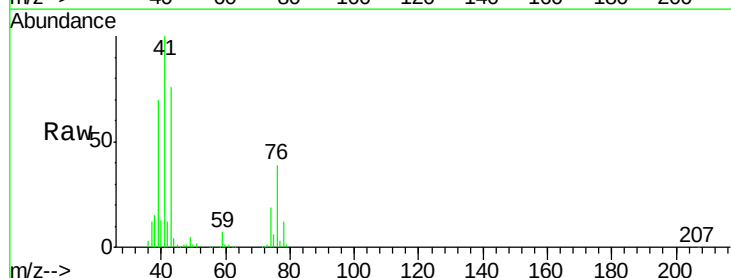
Tgt Ion: 41 Resp: 456887

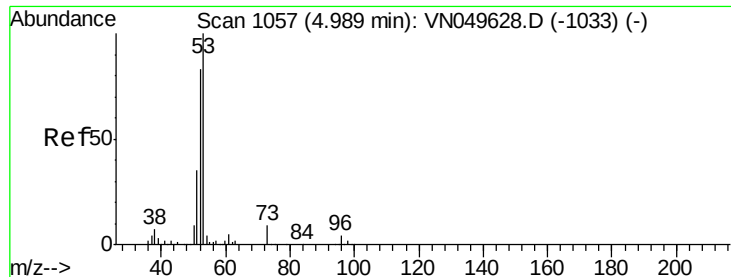
Ion Ratio Lower Upper

41 100

39 66.1 53.2 79.8

76 36.0 29.0 43.6





#15

Acrylonitrile

Concen: 93.848 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

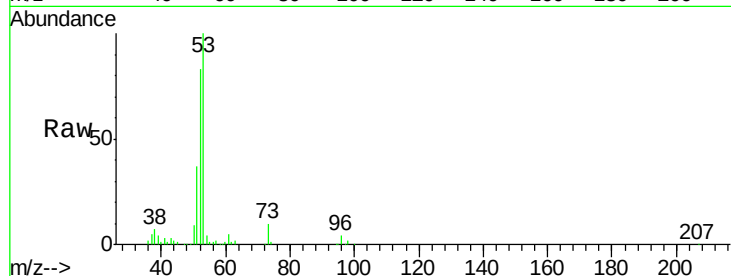
Tgt Ion: 53 Resp: 505604

Ion Ratio Lower Upper

53 100

52 80.9 64.8 97.2

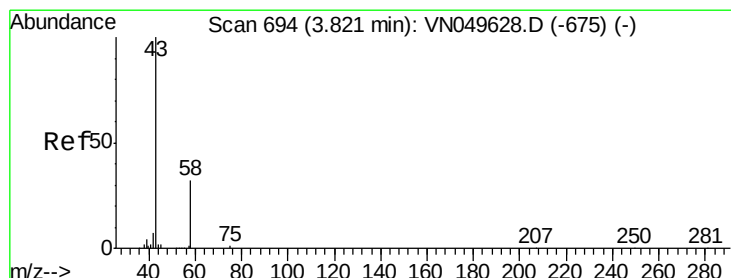
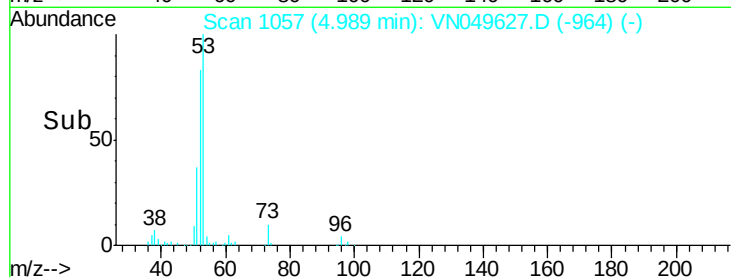
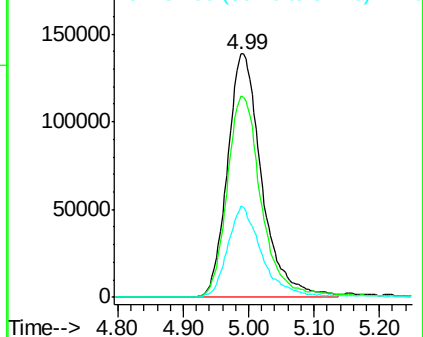
51 37.0 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049627.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049627.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049627.D (-1033) (-)



#16

Acetone

Concen: 84.908 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049627.D

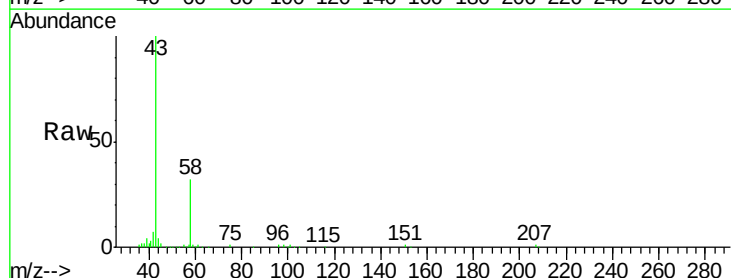
Acq: 29 Jun 2018 11:45

Tgt Ion: 43 Resp: 382275

Ion Ratio Lower Upper

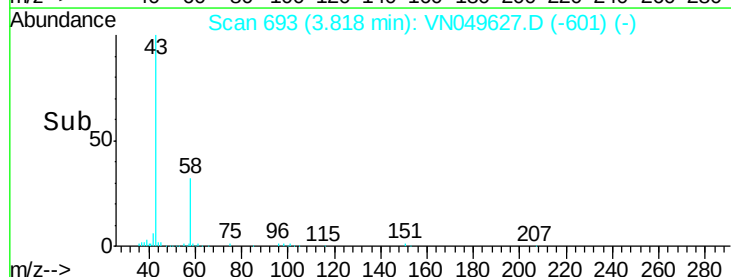
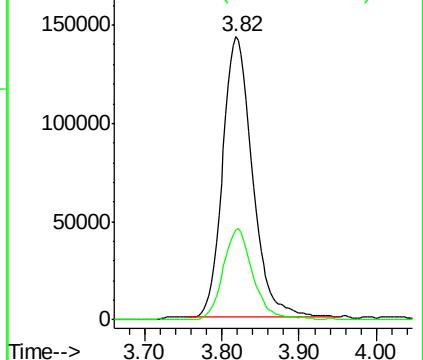
43 100

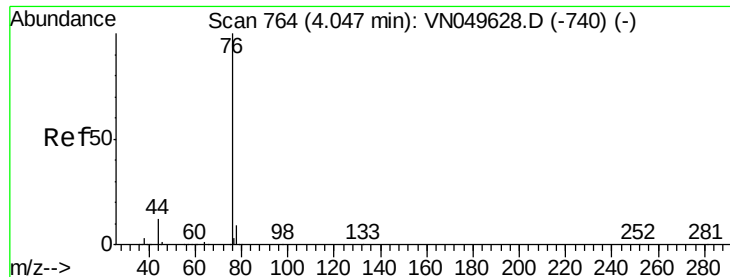
58 31.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049627.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049627.D (-601) (-)





#17

Carbon Disulfide

Concen: 18.077 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

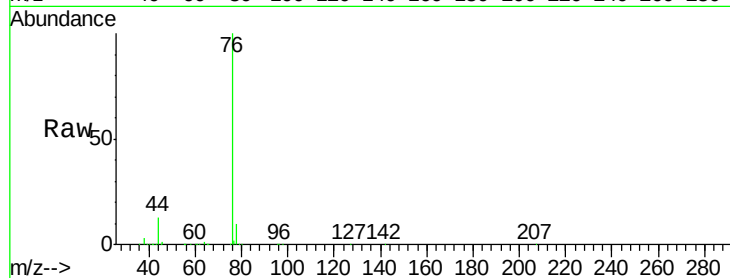
VSTDIC020

Tgt Ion: 76 Resp: 885915

Ion Ratio Lower Upper

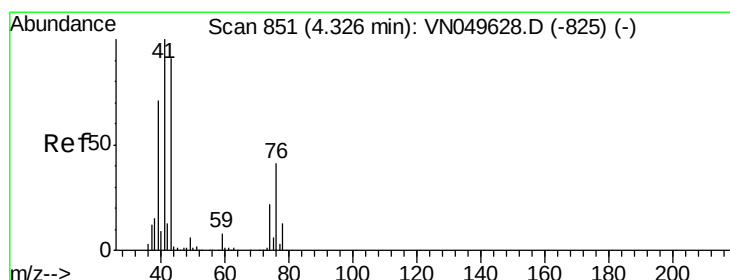
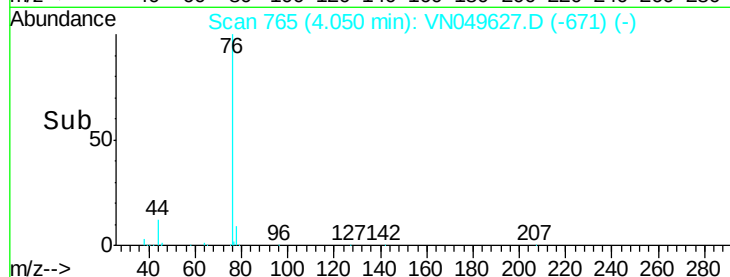
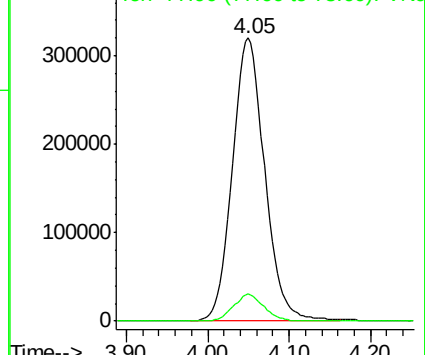
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 13.264 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049627.D

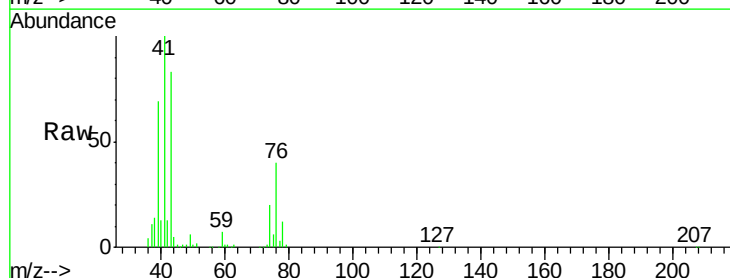
Acq: 29 Jun 2018 11:45

Tgt Ion: 43 Resp: 363344

Ion Ratio Lower Upper

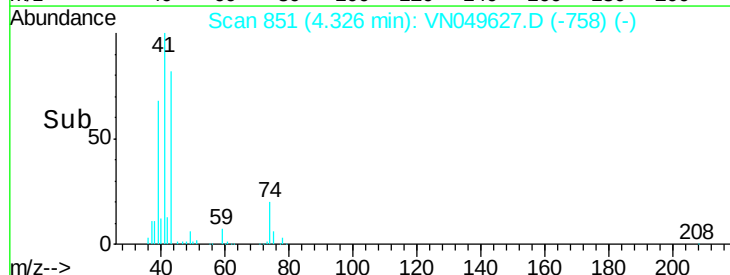
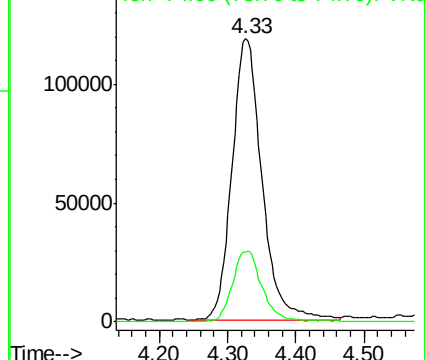
43 100

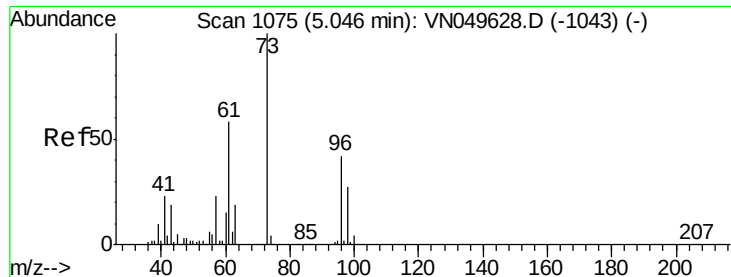
74 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

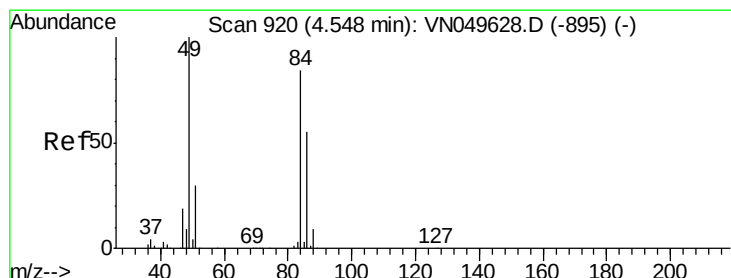
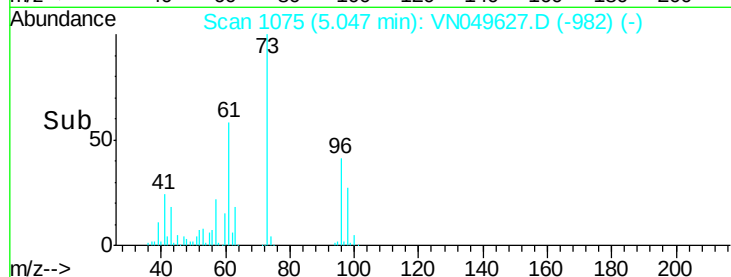
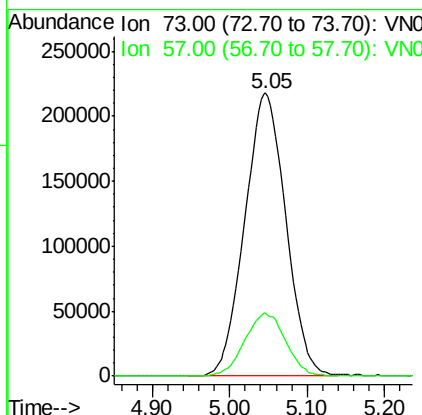
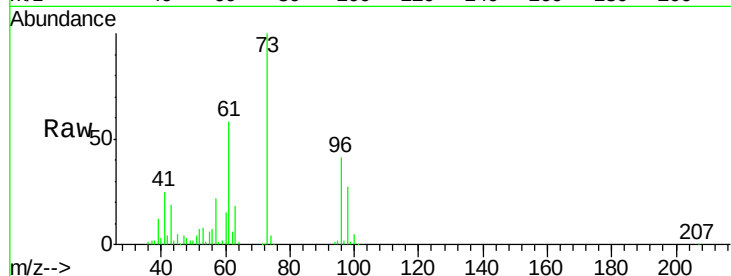




#19
Methyl tert-butyl Ether
Concen: 19.334 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

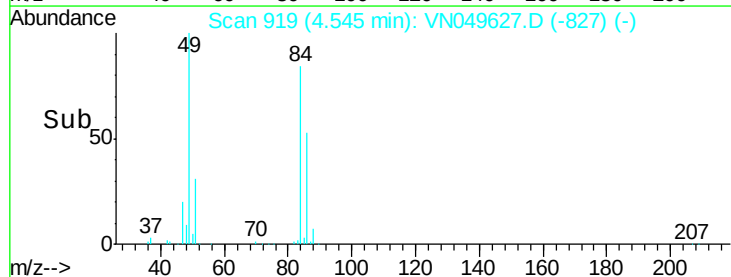
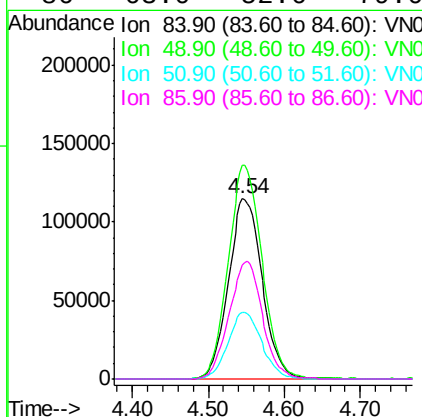
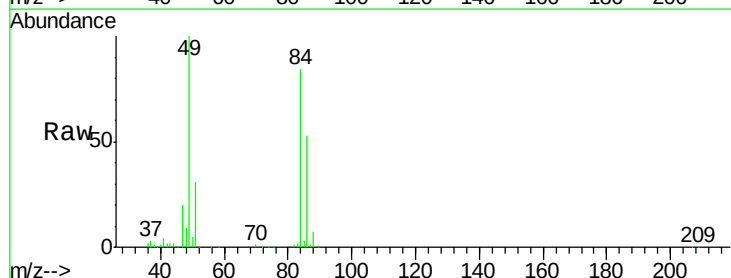
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

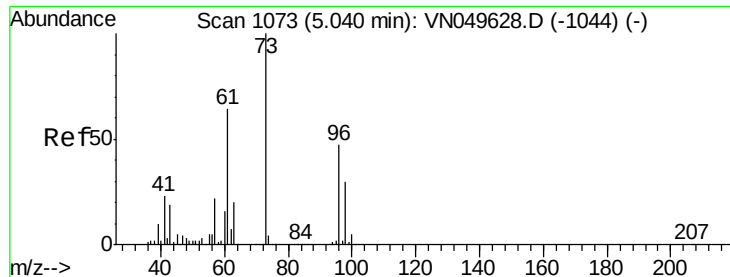
Tgt Ion: 73 Resp: 805797
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 18.951 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 84 Resp: 354727
Ion Ratio Lower Upper
84 100
49 118.5 95.4 143.2
51 37.1 28.4 42.6
86 63.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.332 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

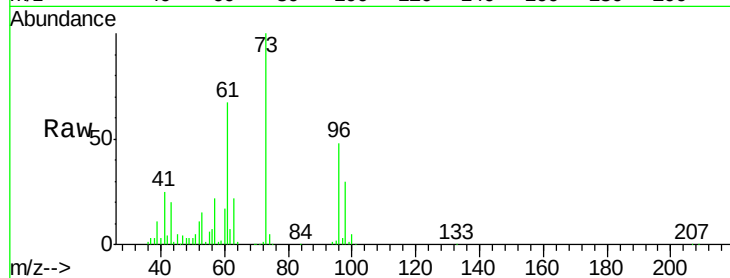
Tgt Ion: 96 Resp: 321668

Ion Ratio Lower Upper

96 100

61 141.9 109.0 163.6

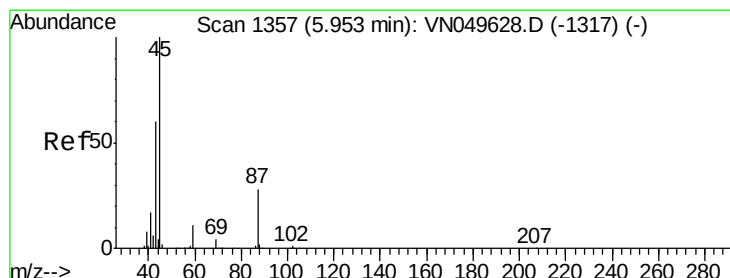
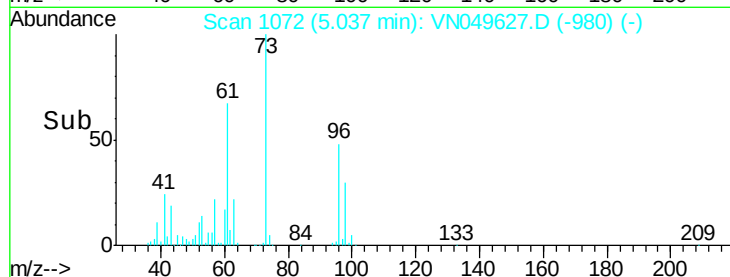
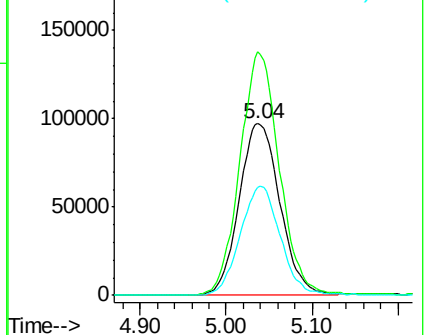
98 63.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049627.D (-1044) (-)

Ion 60.90 (60.60 to 61.60): VN049627.D (-1044) (-)

Ion 97.90 (97.60 to 98.60): VN049627.D (-1044) (-)



#22

Diisopropyl ether

Concen: 20.457 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Tgt Ion: 45 Resp: 1027823

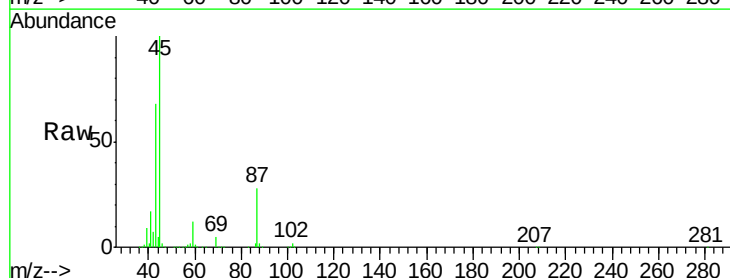
Ion Ratio Lower Upper

45 100

43 67.0 48.1 72.1

87 28.0 22.6 34.0

59 11.5 9.2 13.8

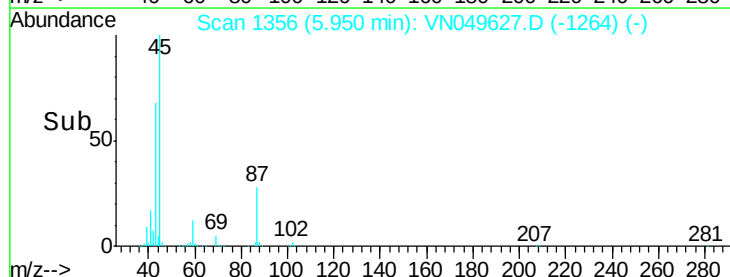
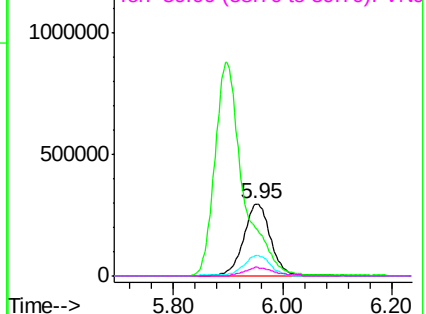


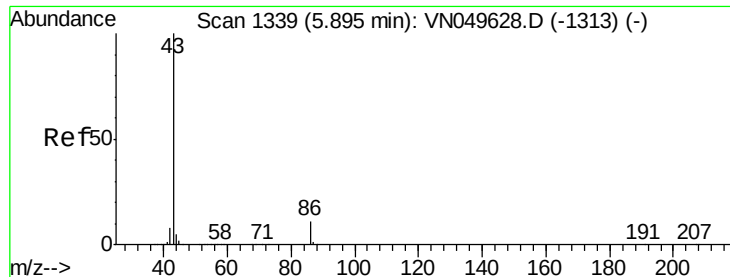
Abundance Ion 45.00 (44.70 to 45.70): VN049627.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN049627.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN049627.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN049627.D (-1264) (-)

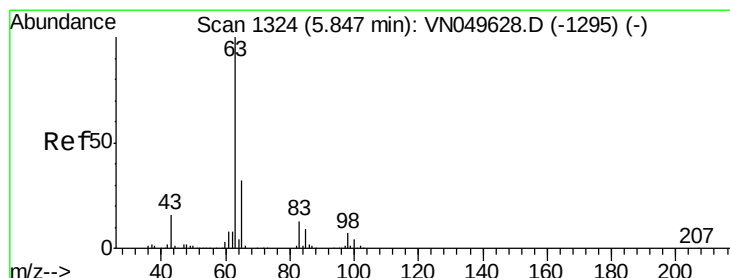
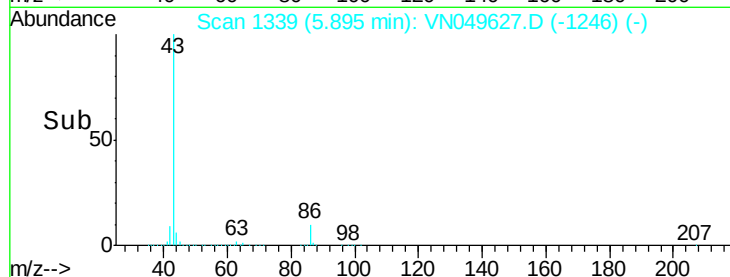
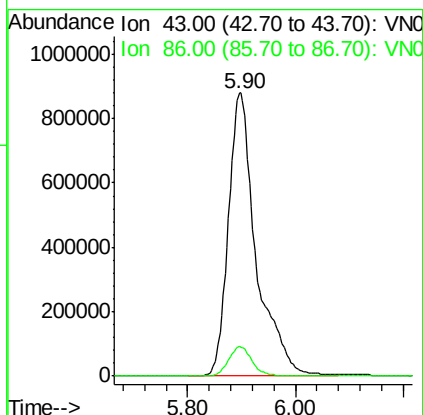
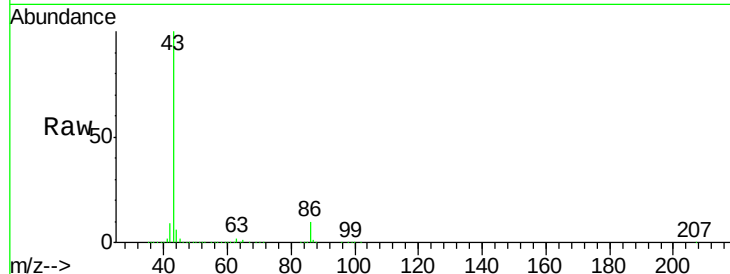




#23
 Vinyl Acetate
 Concen: 96.945 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

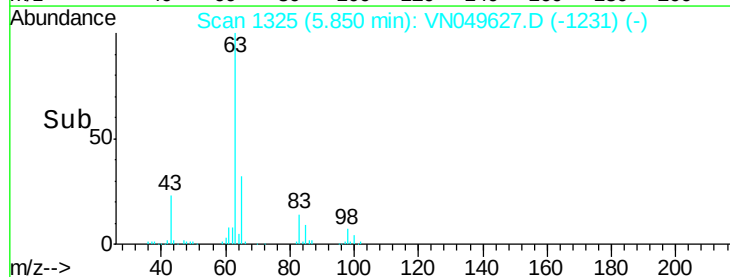
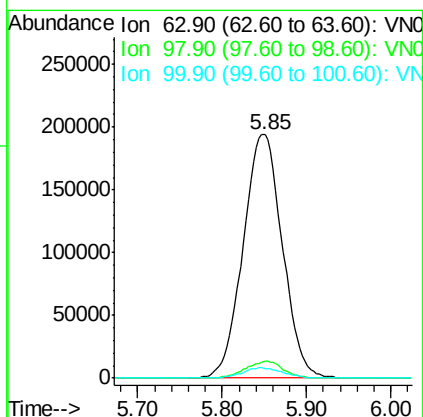
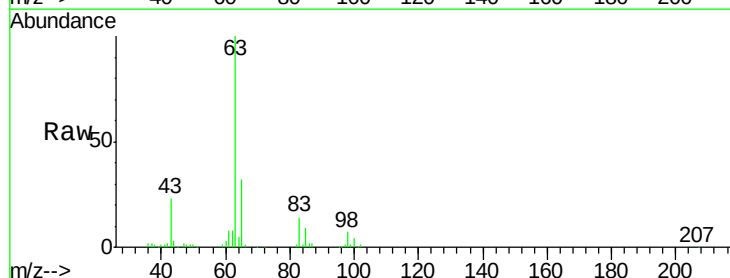
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

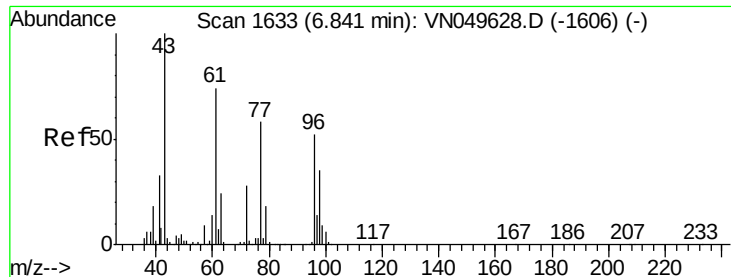
Tgt Ion: 43 Resp: 3158650
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.794 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 63 Resp: 626539
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 92.666 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

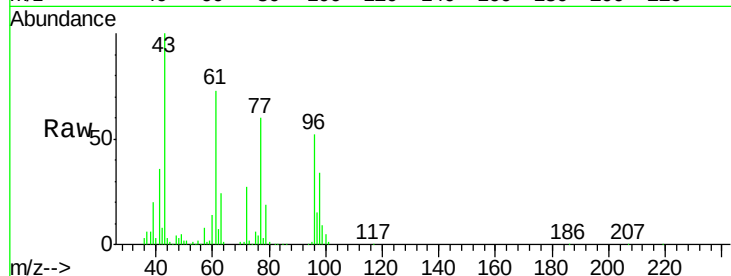
VSTDIC020

Tgt Ion: 43 Resp: 559203

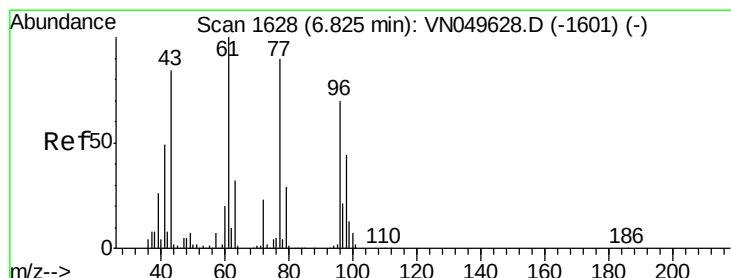
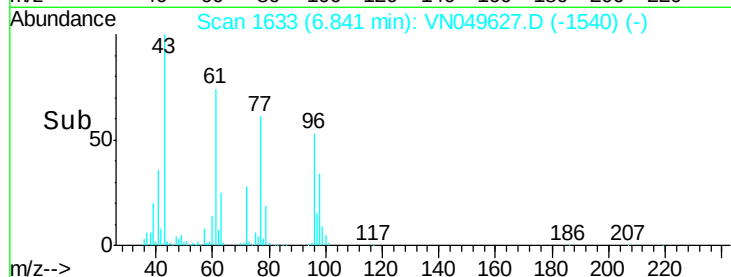
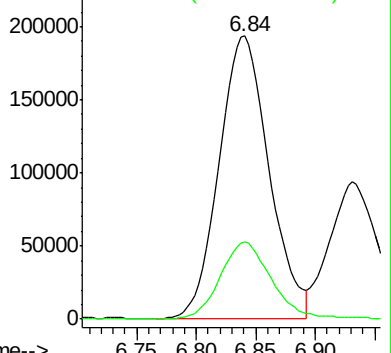
Ion Ratio Lower Upper

43 100

72 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049627.D (-1540) (-)



#26

2,2-Dichloropropane

Concen: 19.764 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049627.D

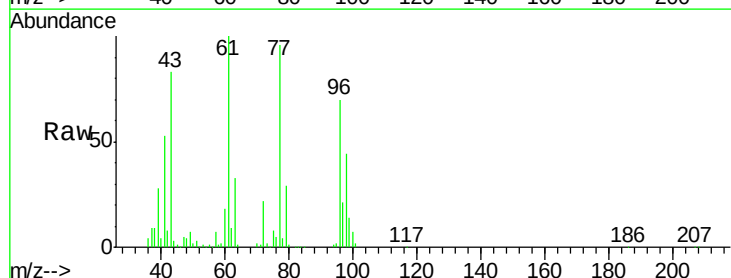
Acq: 29 Jun 2018 11:45

Tgt Ion: 77 Resp: 519578

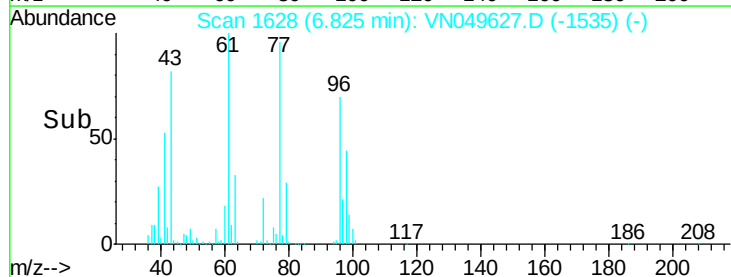
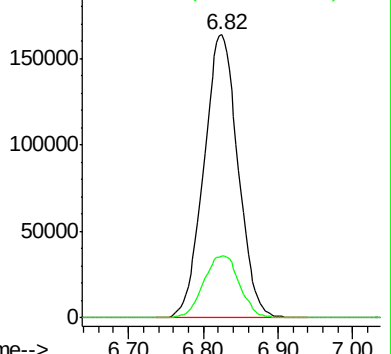
Ion Ratio Lower Upper

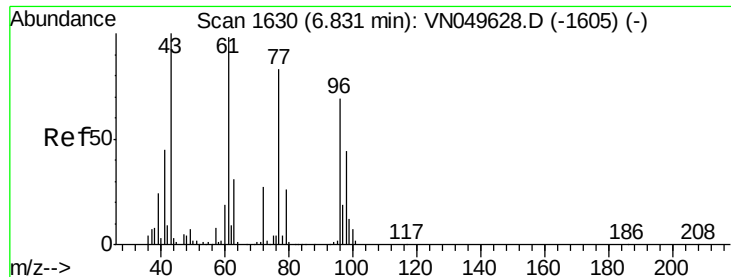
77 100

97 23.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN049627.D (-1535) (-)

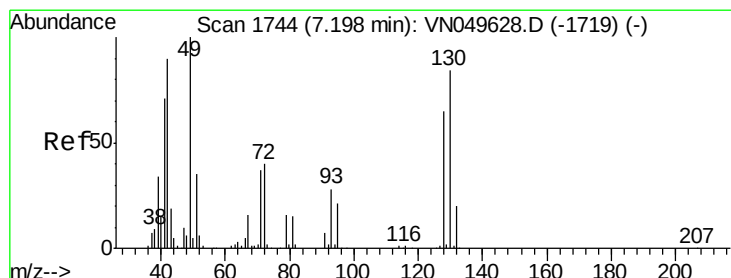
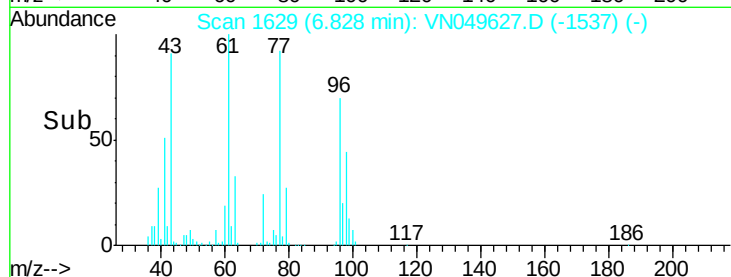
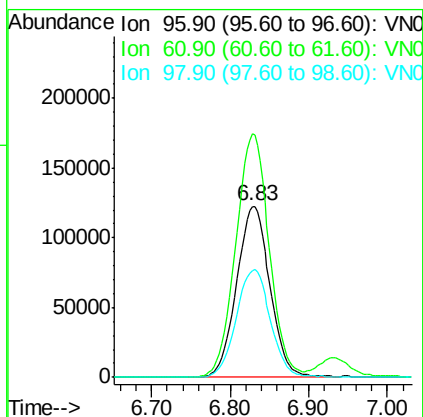
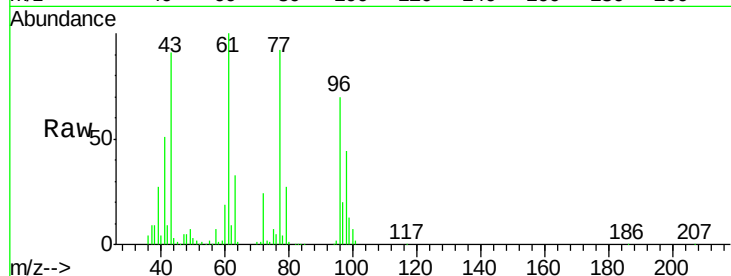




#27
 cis-1,2-Dichloroethene
 Concen: 19.665 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

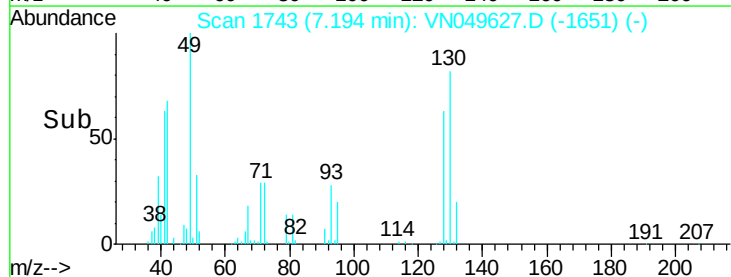
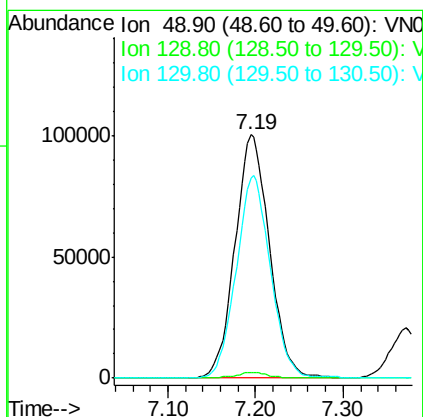
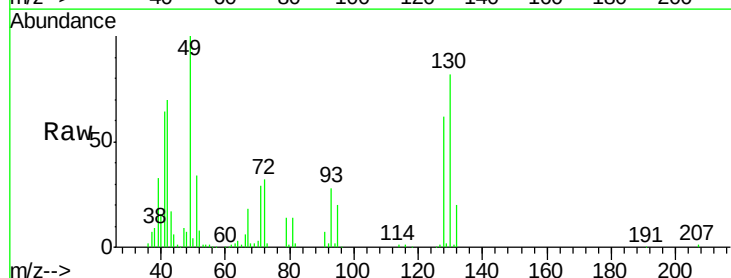
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

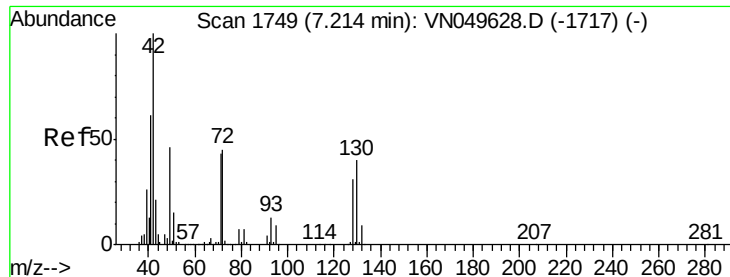
Tgt Ion: 96 Resp: 365495
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 289.0
 98 64.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.427 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 49 Resp: 274421
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.2 65.5 98.3

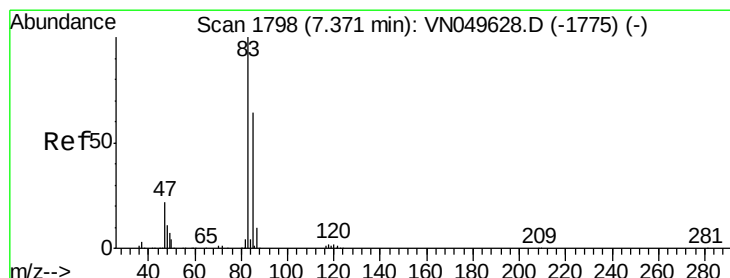
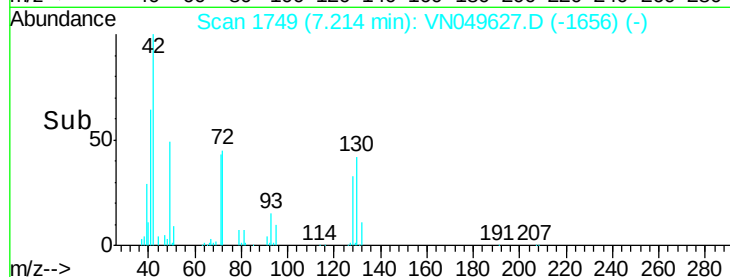
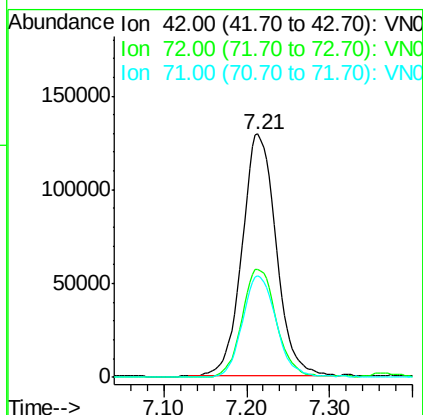
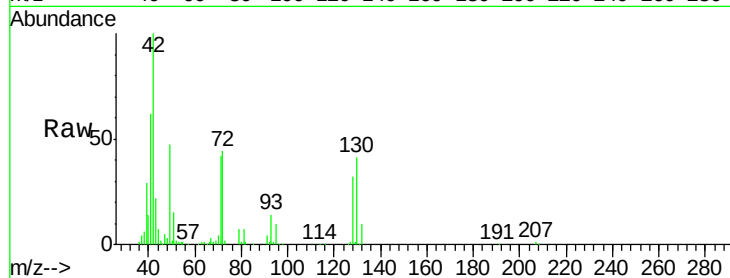




#29
Tetrahydrofuran
Concen: 96.346 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

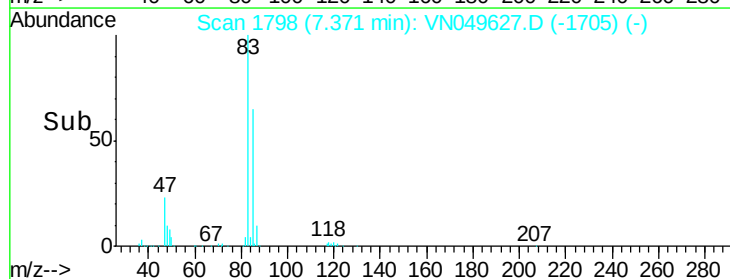
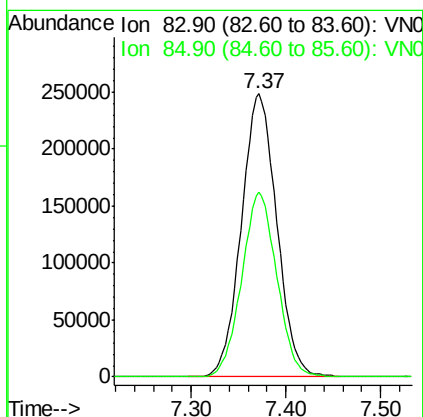
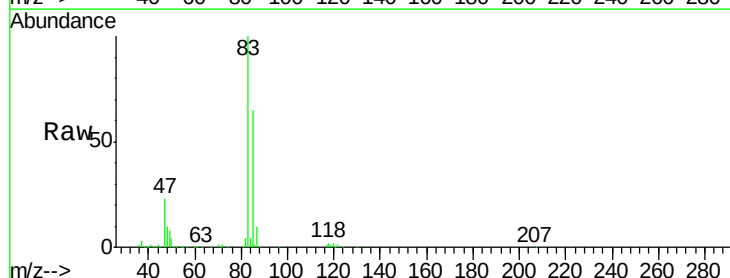
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

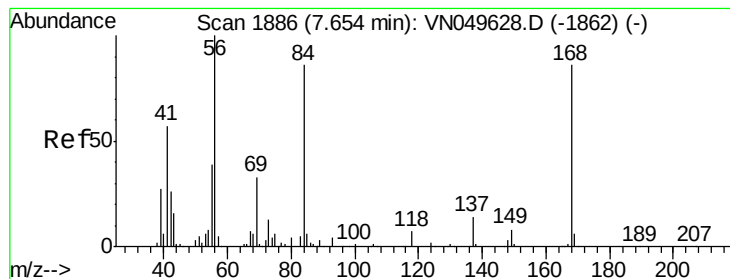
Tgt Ion: 42 Resp: 370572
Ion Ratio Lower Upper
42 100
72 44.9 35.6 53.4
71 41.6 34.0 51.0



#30
Chloroform
Concen: 20.017 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 83 Resp: 645869
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2





#31

Cyclohexane

Concen: 17.567 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

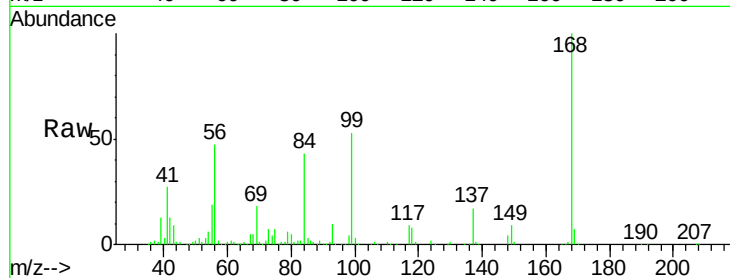
Tgt Ion: 56 Resp: 547554

Ion Ratio Lower Upper

56 100

69 36.9 26.6 40.0

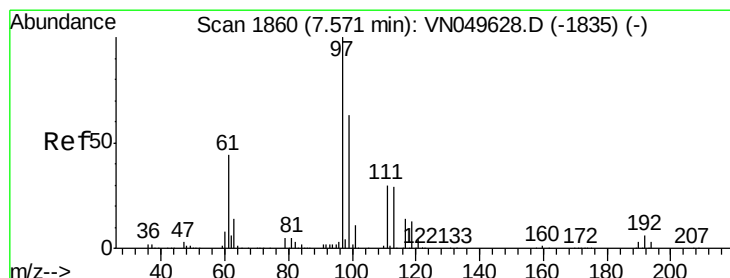
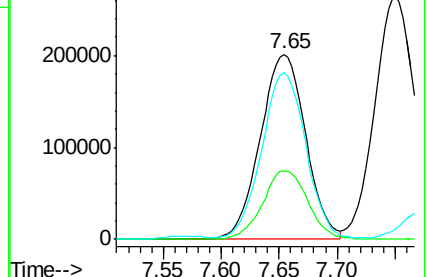
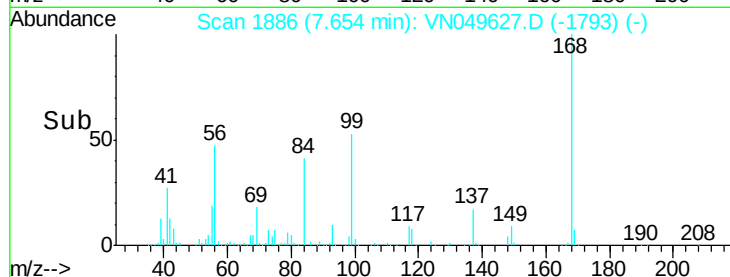
84 88.5 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049627.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049627.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049627.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 20.045 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

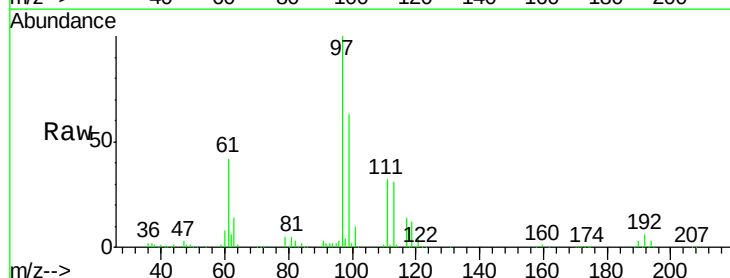
Tgt Ion: 97 Resp: 547585

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

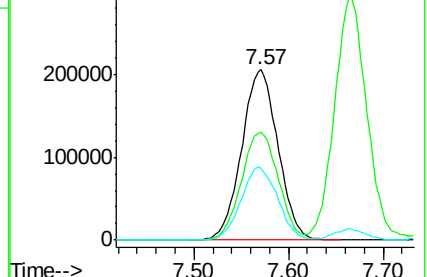
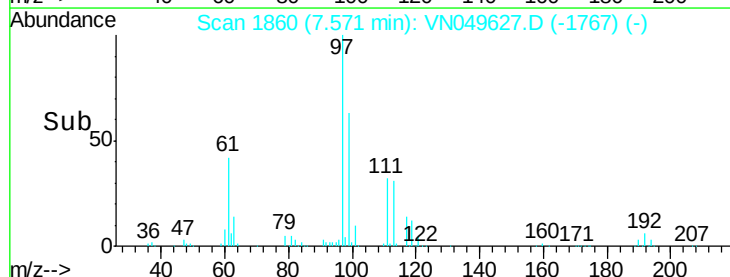
61 43.4 35.5 53.3

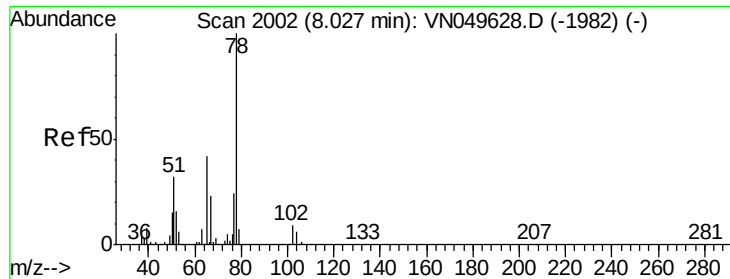


Abundance Ion 96.90 (96.60 to 97.60): VN049627.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049627.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049627.D (-1767) (-)

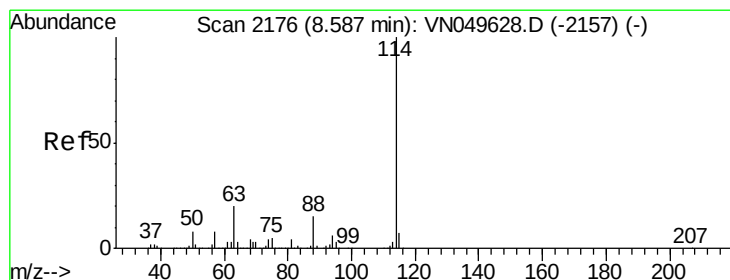
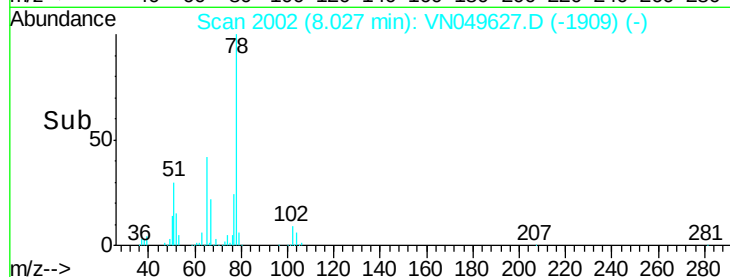
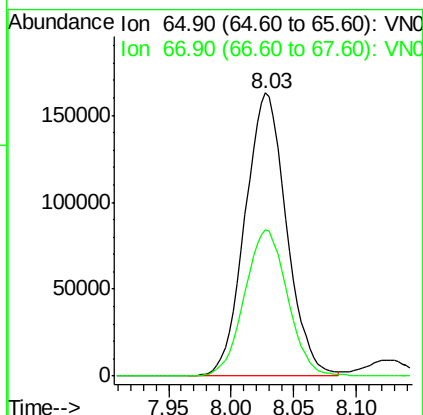
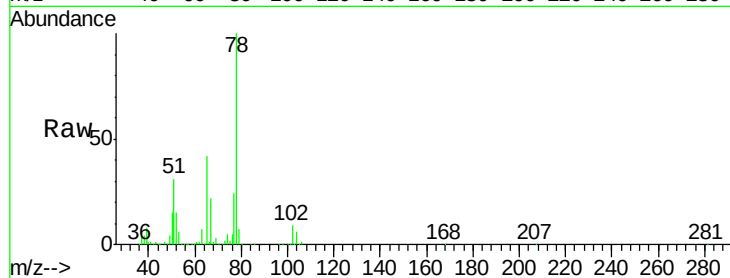




#33
 1,2-Dichloroethane-d4
 Concen: 20.663 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

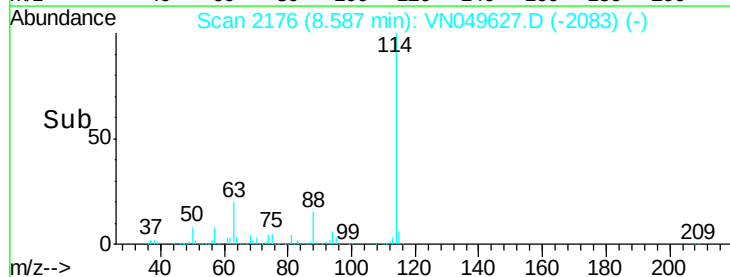
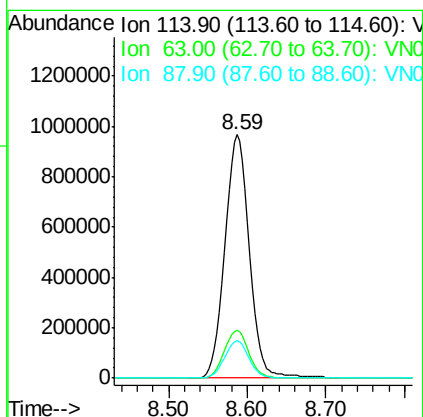
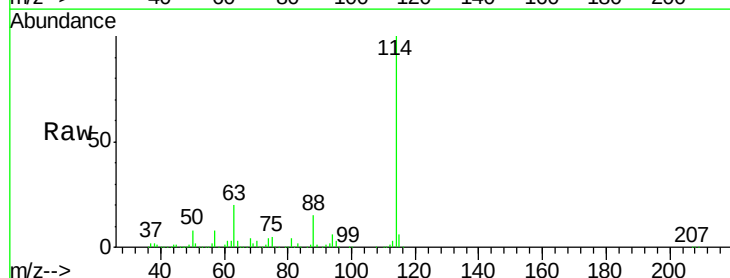
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

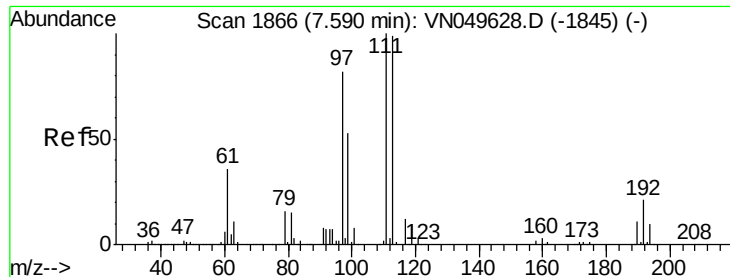
Tgt Ion: 65 Resp: 375600
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 114 Resp: 2069846
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 30.6

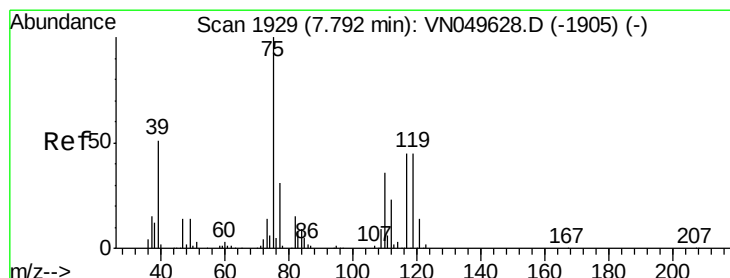
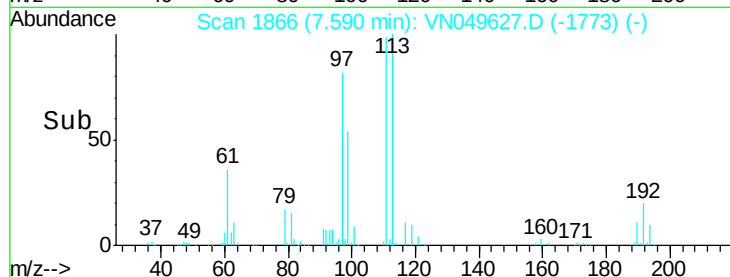
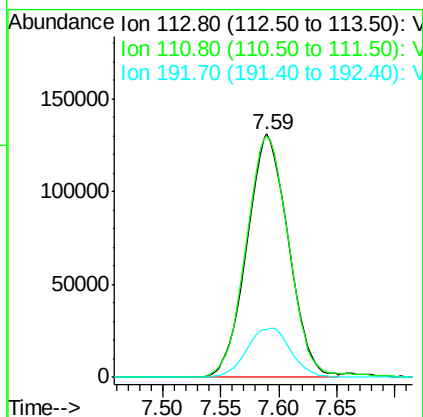
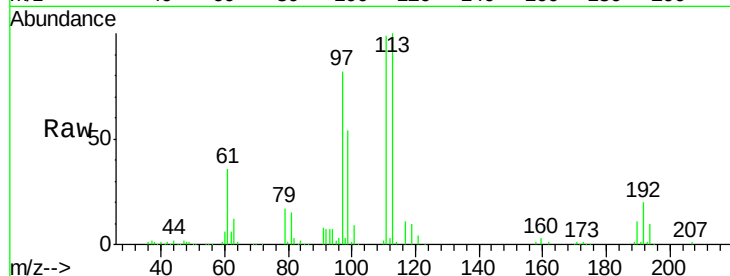




#35
Dibromofluoromethane
Concen: 21.121 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

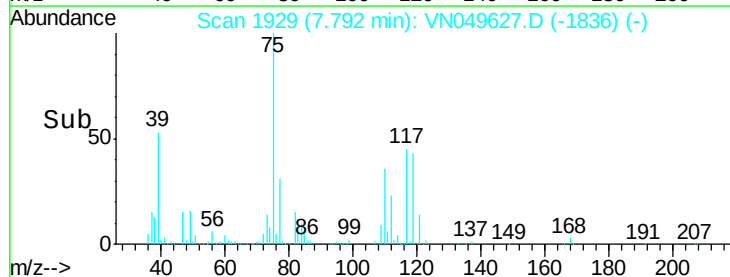
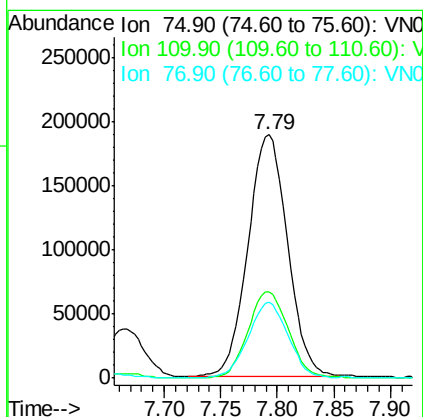
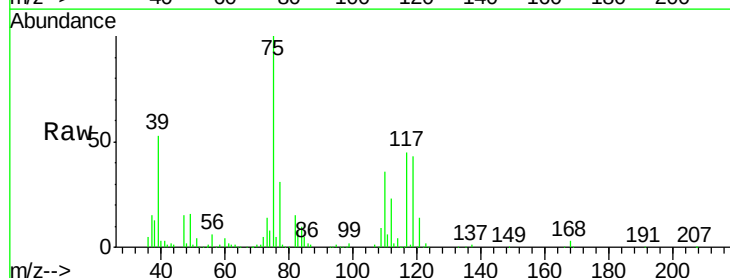
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

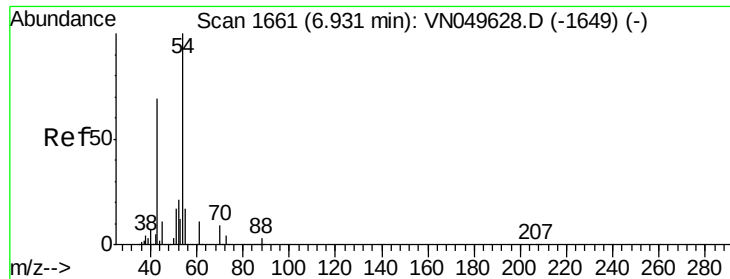
Tgt Ion:113 Resp: 326827
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 21.4 17.8 26.6



#36
1,1-Dichloropropene
Concen: 19.716 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 75 Resp: 459126
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.4
77 31.5 24.9 37.3

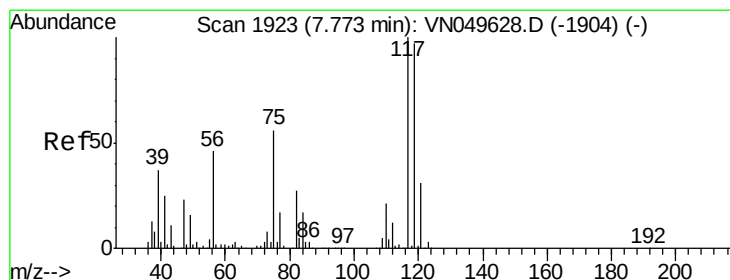
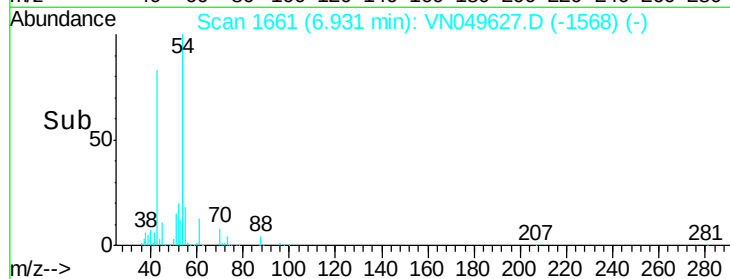
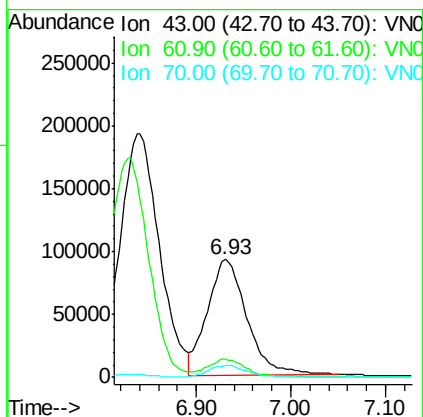
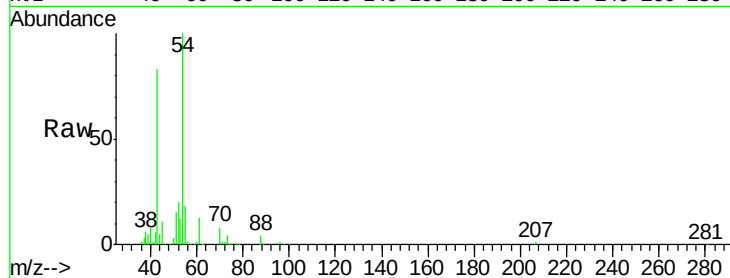




#37
Ethyl Acetate
 Concen: 19.884 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

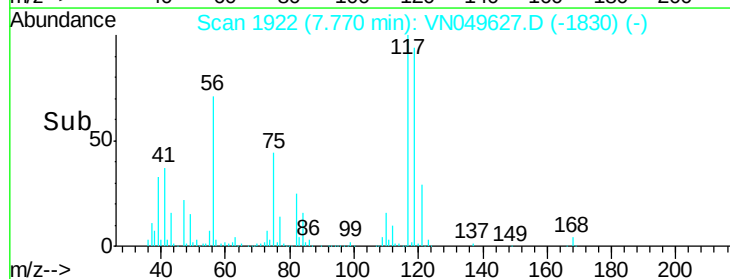
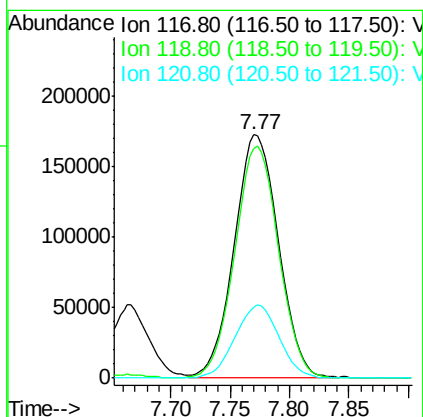
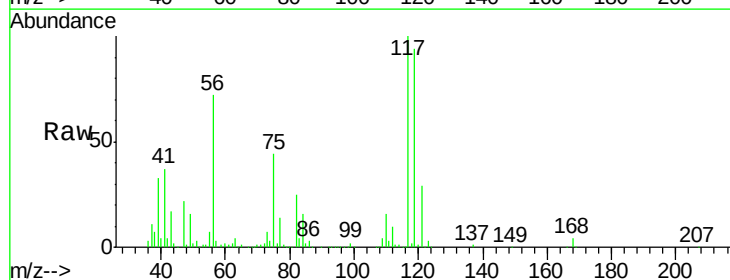
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

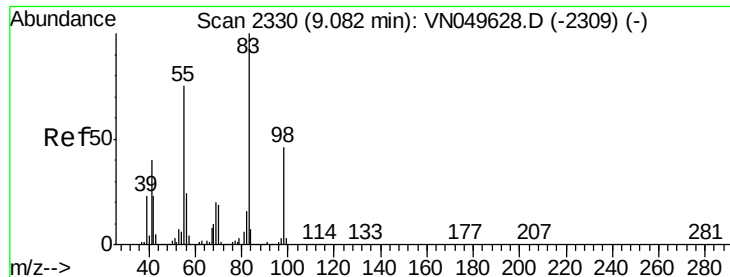
Tgt Ion: 43 Resp: 270077
 Ion Ratio Lower Upper
 43 100
 61 13.2 11.7 17.5
 70 9.5 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 19.540 ug/l
 RT: 7.77 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 117 Resp: 442639
 Ion Ratio Lower Upper
 117 100
 119 94.5 77.2 115.8
 121 29.2 25.0 37.6

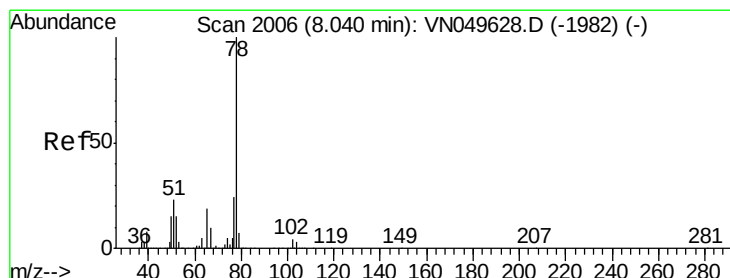
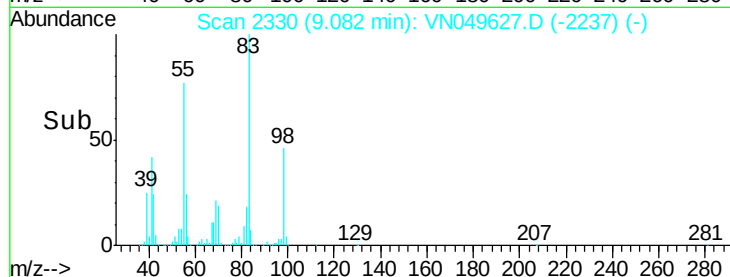
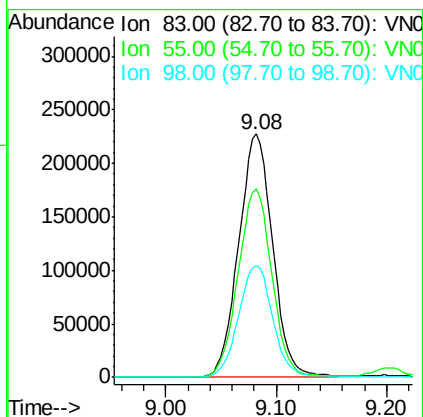
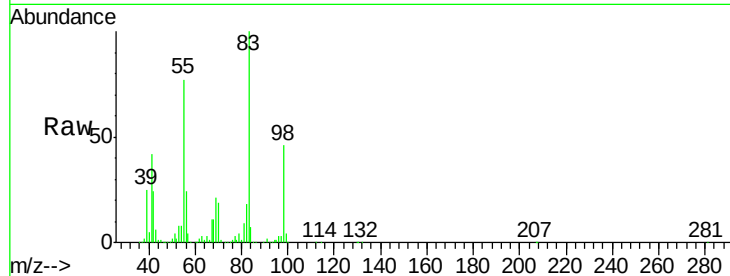




#39
Methylcyclohexane
Concen: 19.048 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

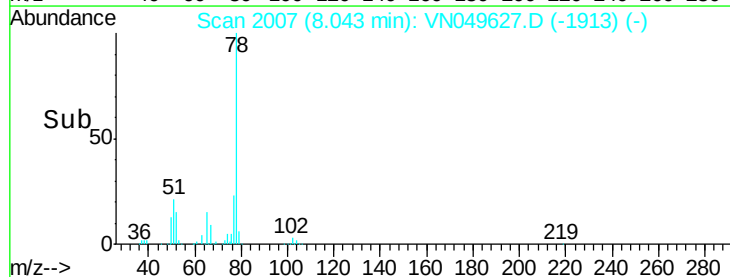
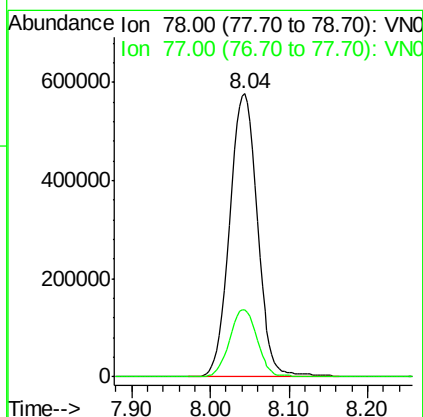
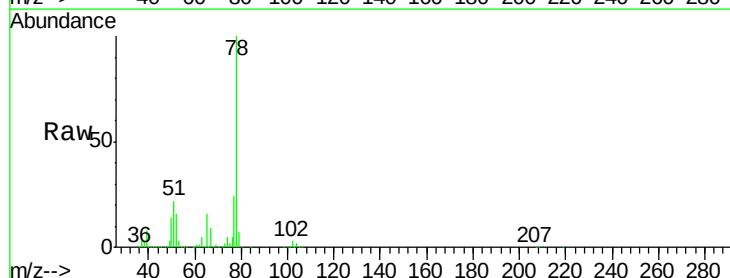
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

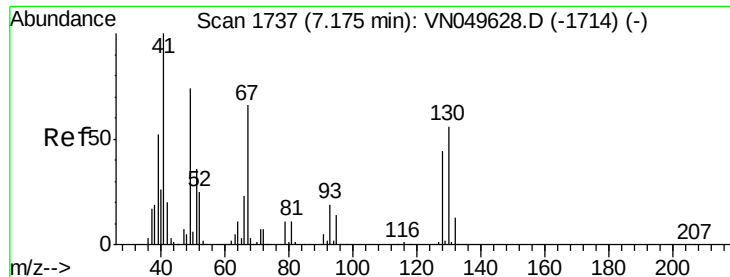
Tgt Ion: 83 Resp: 486344
Ion Ratio Lower Upper
83 100
55 77.2 59.7 89.5
98 46.0 36.5 54.7



#40
Benzene
Concen: 19.944 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 78 Resp: 1418161
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

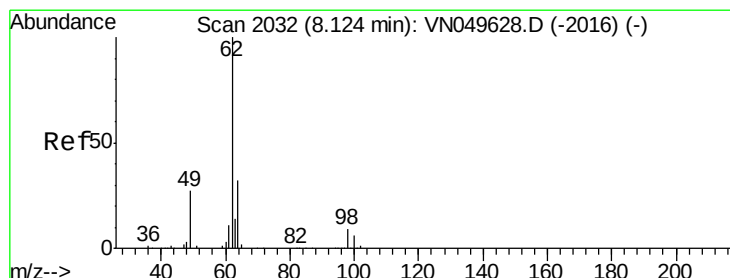
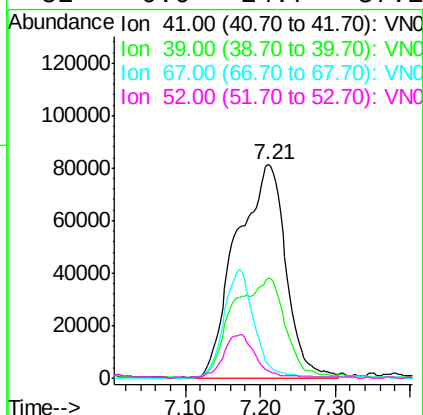
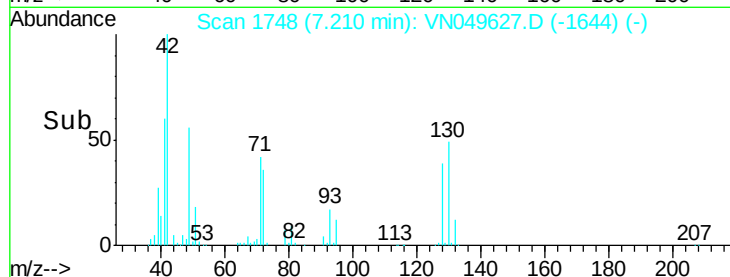
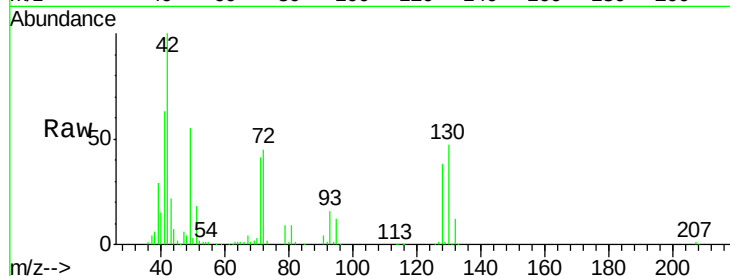




#41
Methacrylonitrile
Concen: 51.179 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

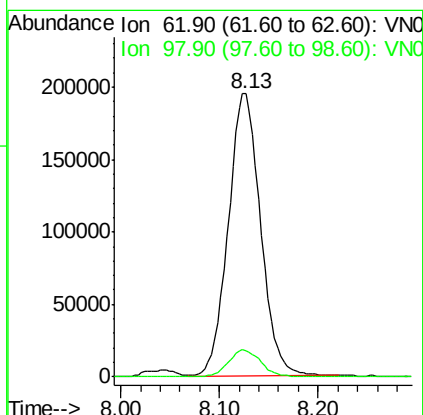
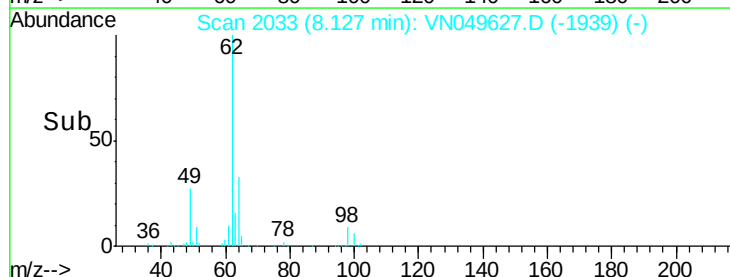
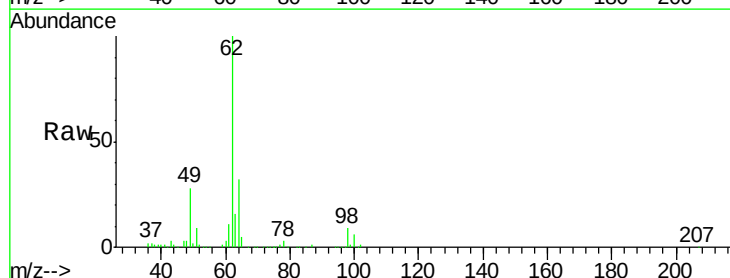
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

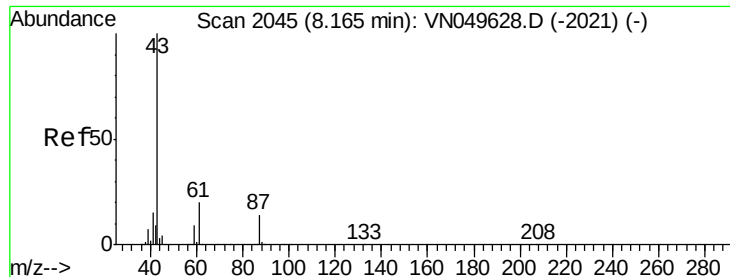
Tgt Ion: 41 Resp: 371064
Ion Ratio Lower Upper
41 100
39 50.3 45.4 68.2
67 0.0 65.4 98.0#
52 0.0 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 19.669 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 62 Resp: 446344
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0





#43

Isopropyl Acetate

Concen: 16.320 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

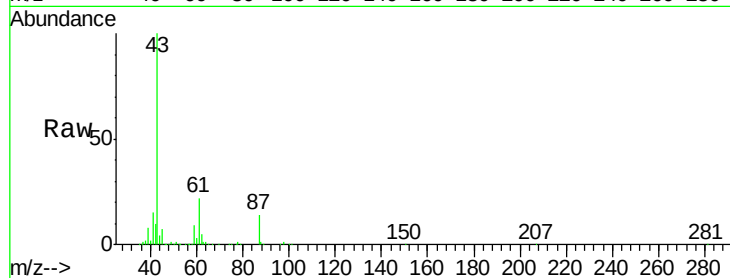
Tgt Ion: 43 Resp: 523730

Ion Ratio Lower Upper

43 100

61 18.2 14.9 22.3

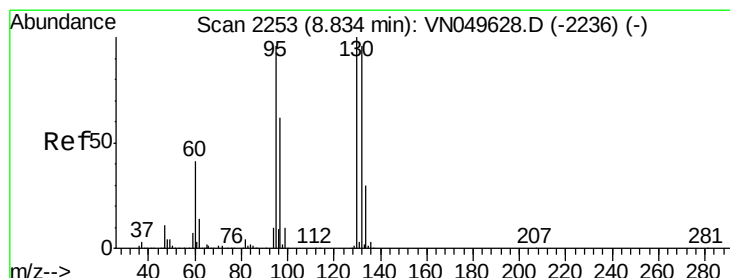
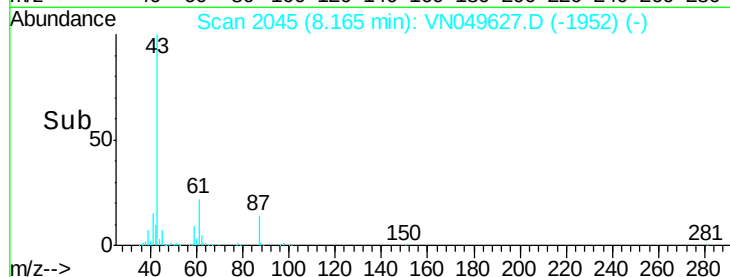
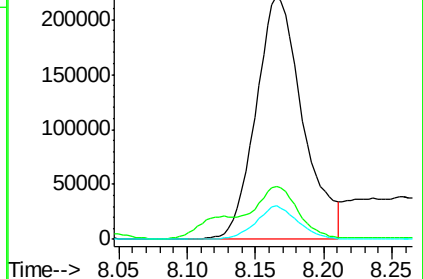
87 12.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049627.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049627.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049627.D (-1952) (-)



#44

Trichloroethene

Concen: 19.577 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049627.D

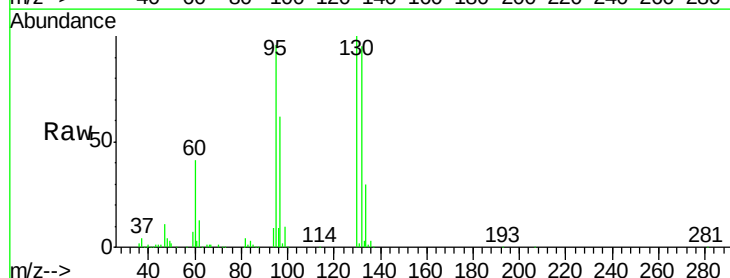
Acq: 29 Jun 2018 11:45

Tgt Ion: 130 Resp: 419804

Ion Ratio Lower Upper

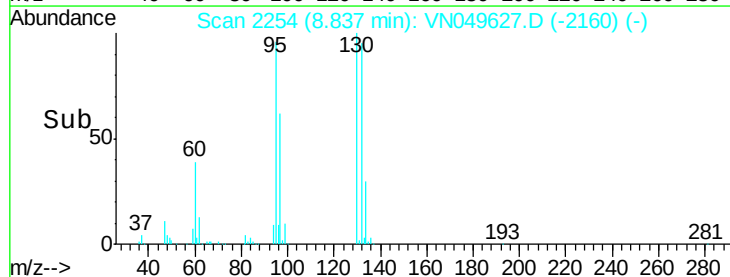
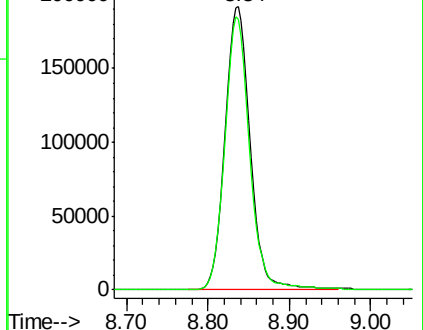
130 100

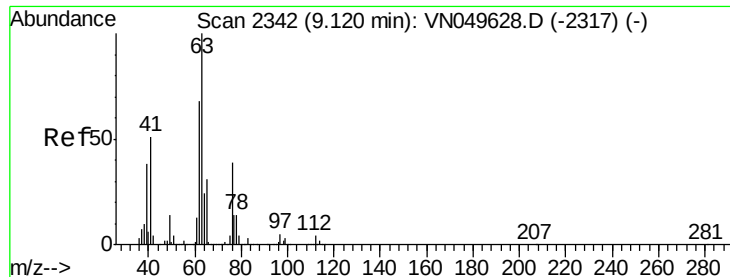
95 95.7 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049627.D (-2160) (-)

Ion 94.90 (94.60 to 95.60): VN049627.D (-2160) (-)

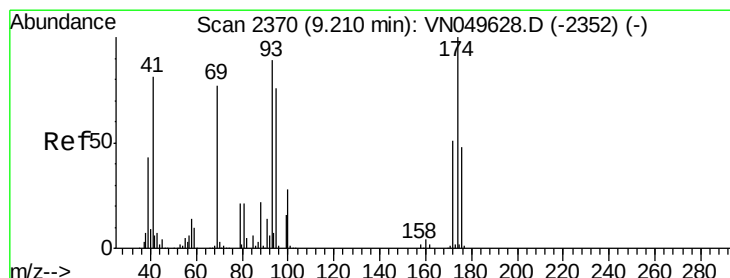
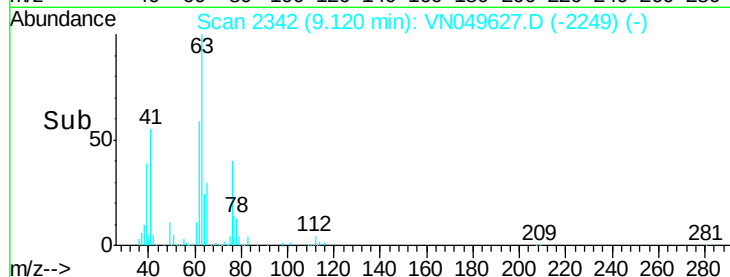
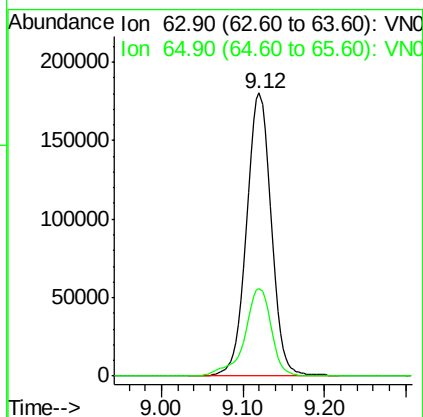
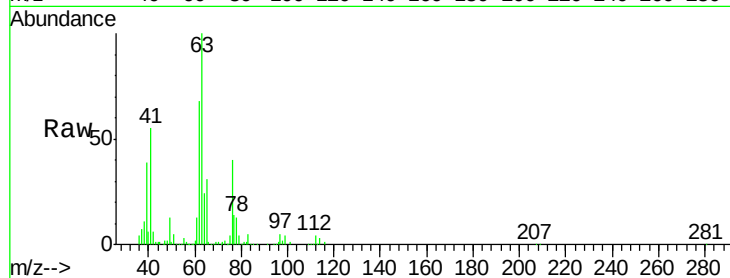




#45
 1,2-Dichloropropane
 Concen: 20.373 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

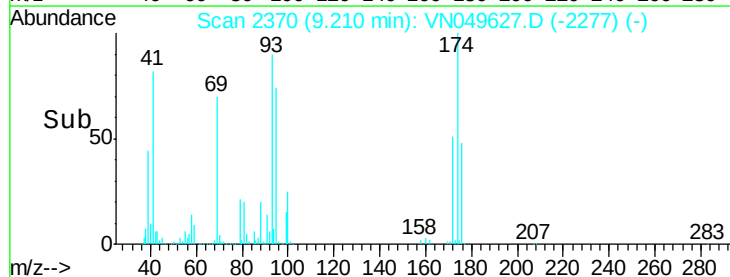
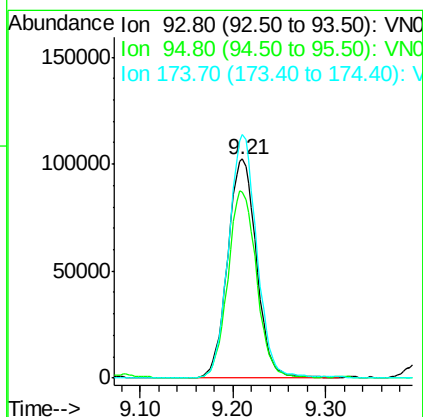
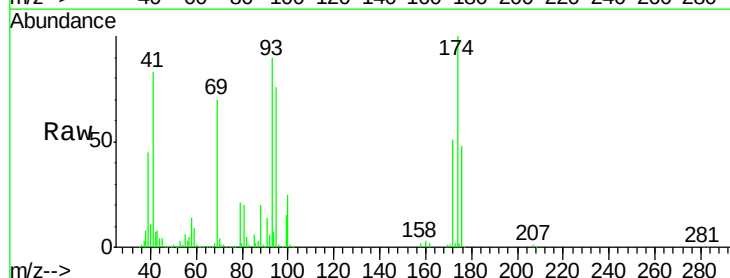
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

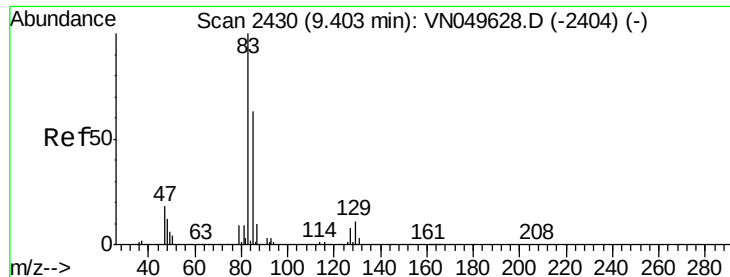
Tgt Ion: 63 Resp: 374281
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 19.848 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 93 Resp: 220595
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.9 101.9
 174 109.0 89.4 134.0





#47

Bromodichloromethane

Concen: 19.952 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

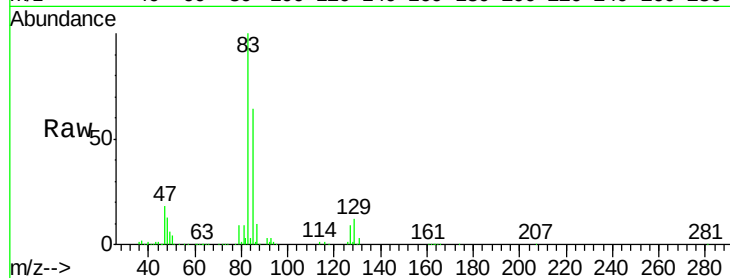
Tgt Ion: 83 Resp: 472061

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

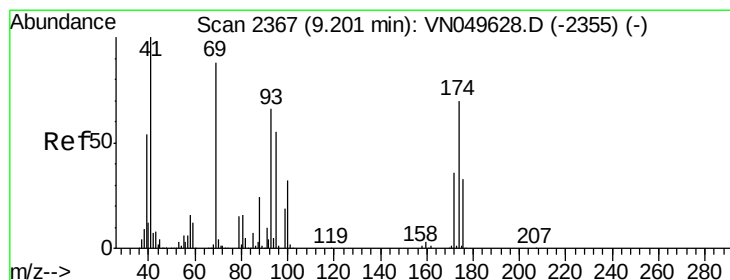
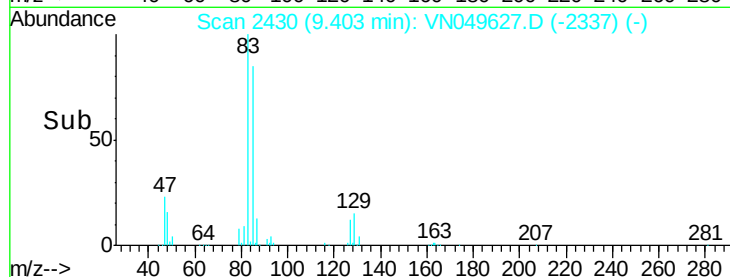
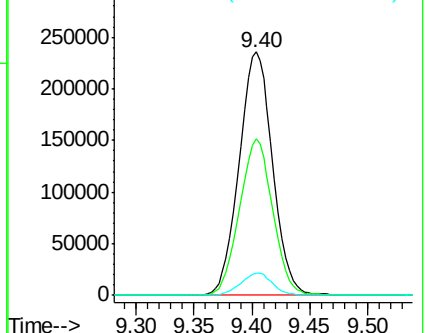
127 9.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049627.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049627.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049627.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.430 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

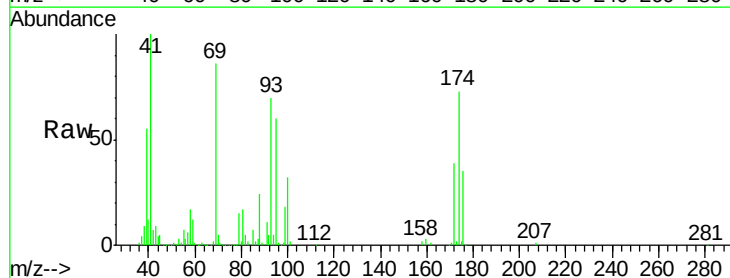
Tgt Ion: 41 Resp: 234517

Ion Ratio Lower Upper

41 100

69 88.9 71.5 107.3

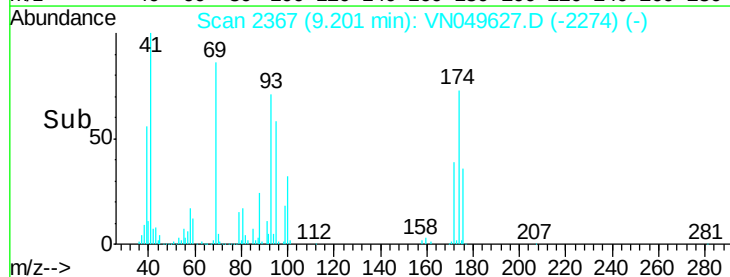
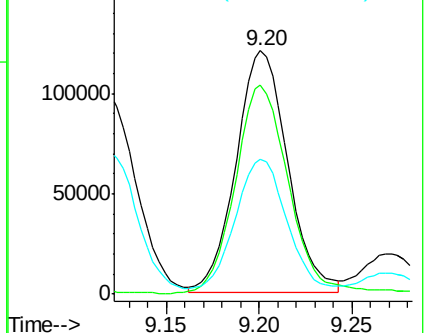
39 56.2 44.7 67.1

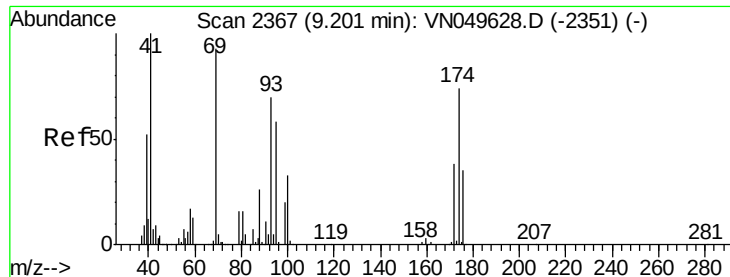


Abundance Ion 41.00 (40.70 to 41.70): VN049627.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049627.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049627.D (-2274) (-)

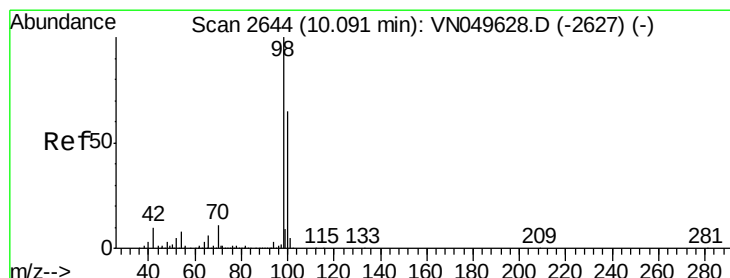
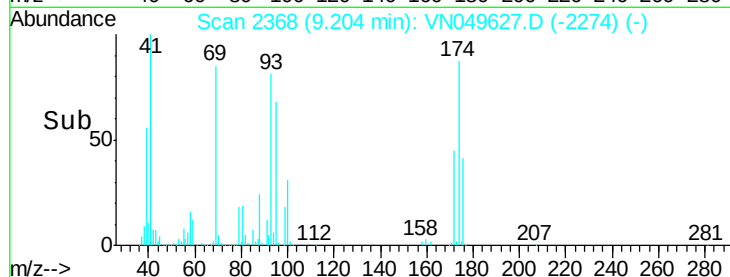
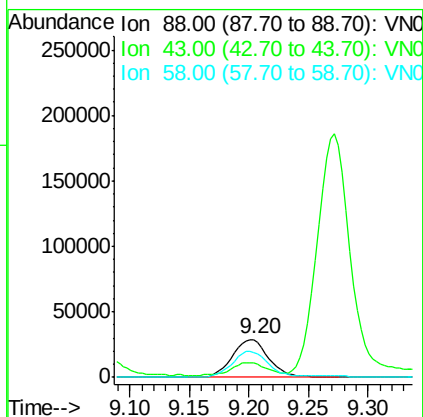
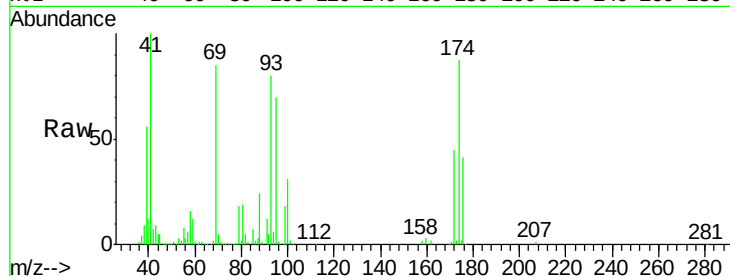




#49
1,4-Dioxane
Concen: 379.272 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

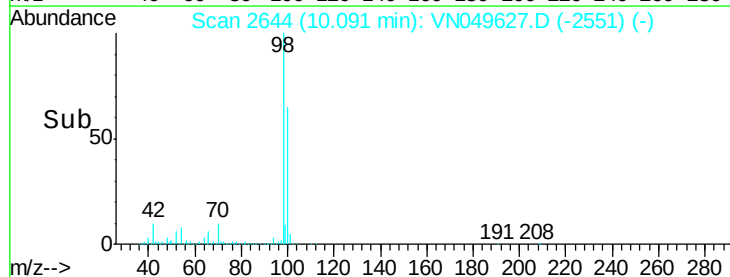
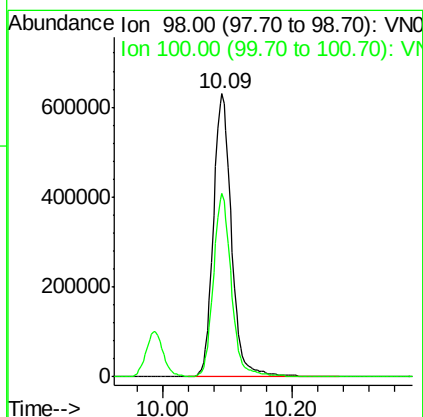
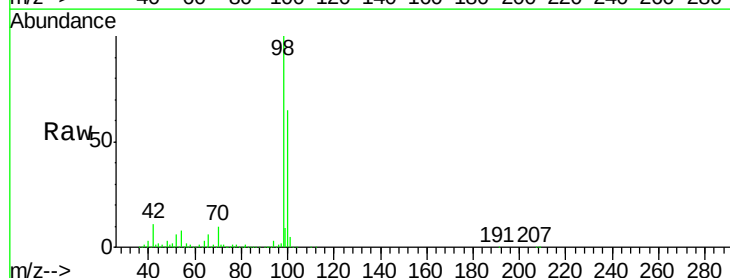
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

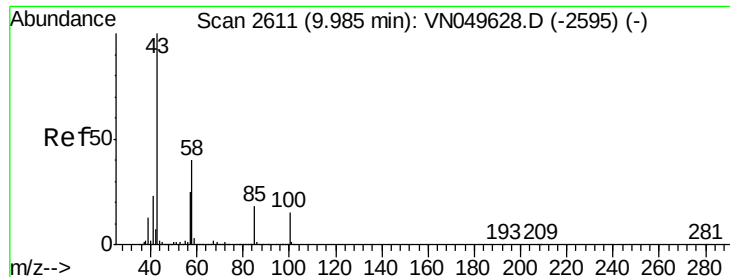
Tgt Ion: 88 Resp: 61543
Ion Ratio Lower Upper
88 100
43 32.5 25.1 37.7
58 69.7 52.5 78.7



#50
Toluene-d8
Concen: 20.319 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion: 98 Resp: 1230701
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

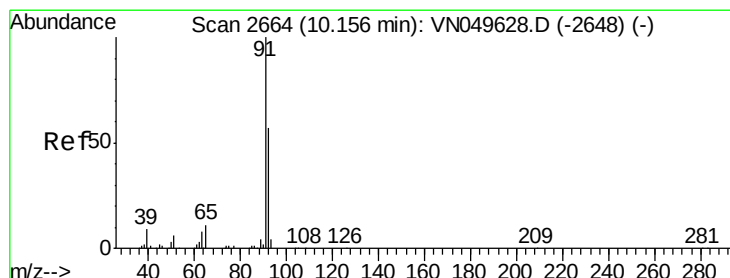
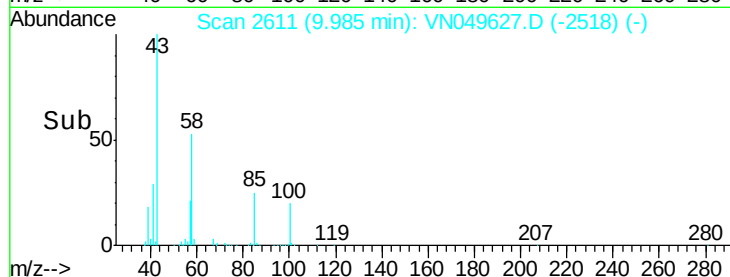
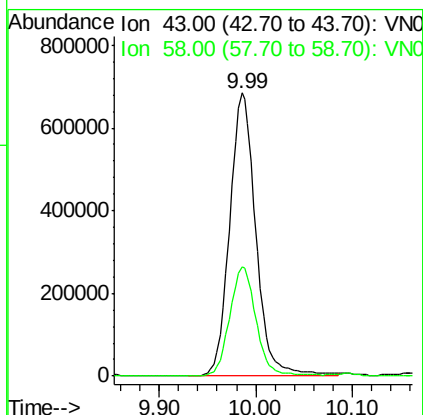
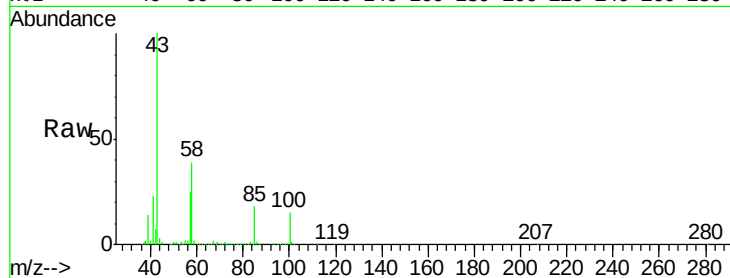




#51
 4-Methyl-2-Pentanone
 Concen: 96.141 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

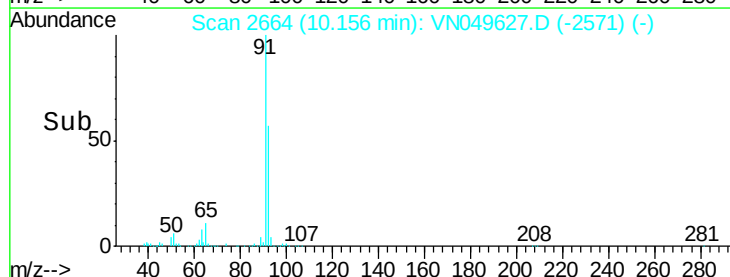
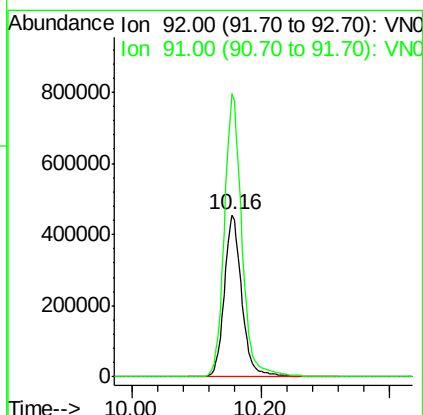
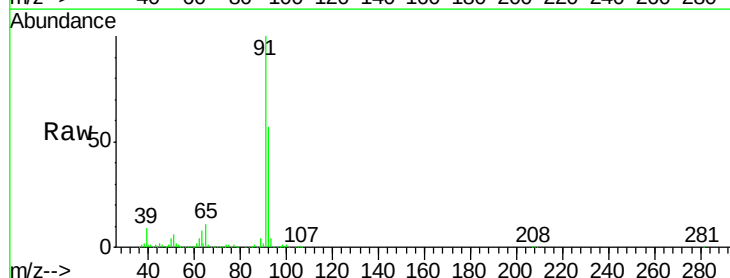
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

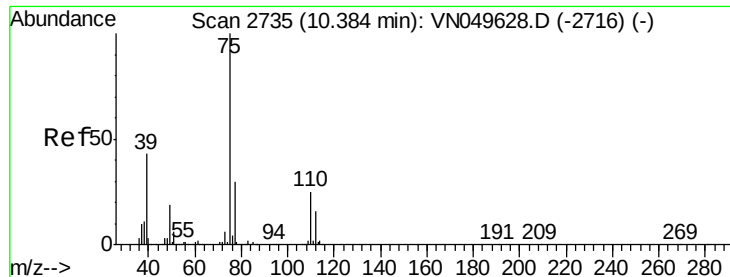
Tgt Ion: 43 Resp: 1280299
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8



#52
 Toluene
 Concen: 20.053 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion: 92 Resp: 861428
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.741 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

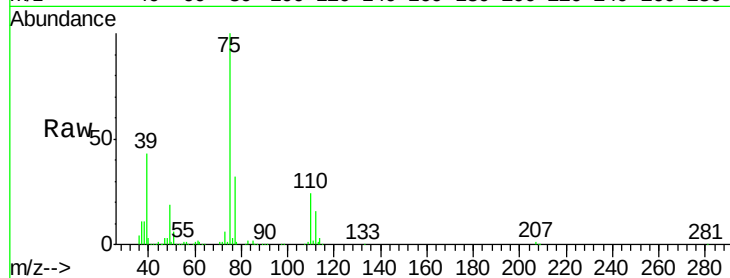
VSTDIC020

Tgt Ion: 75 Resp: 424575

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

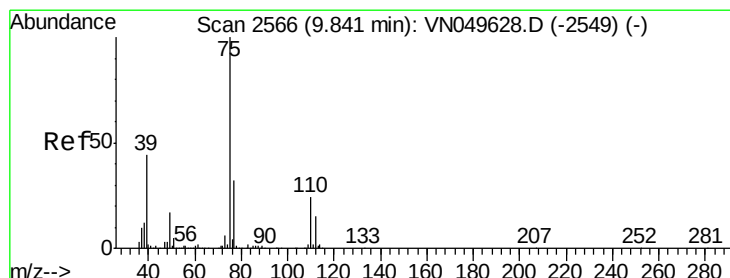
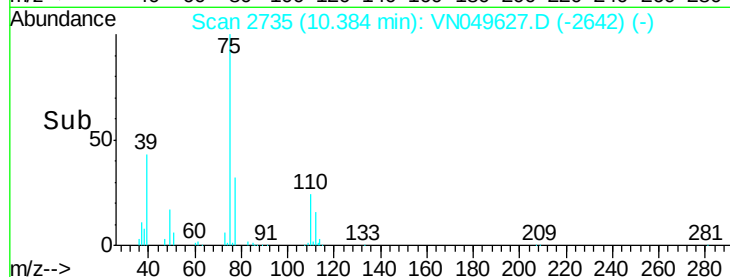
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

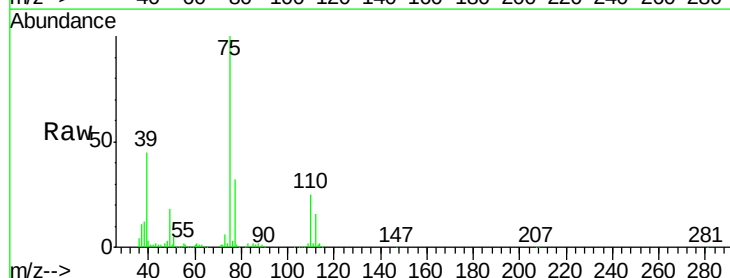
Tgt Ion: 75 Resp: 517043

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 44.7 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

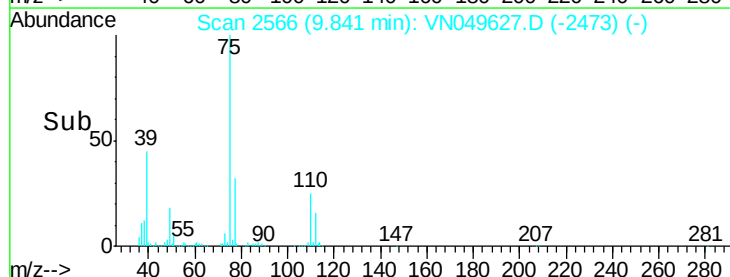
300000

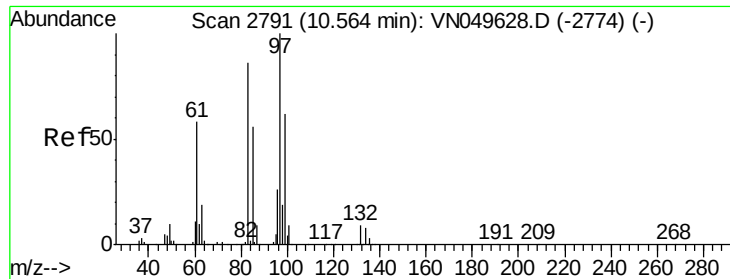
200000

100000

0

Time-->

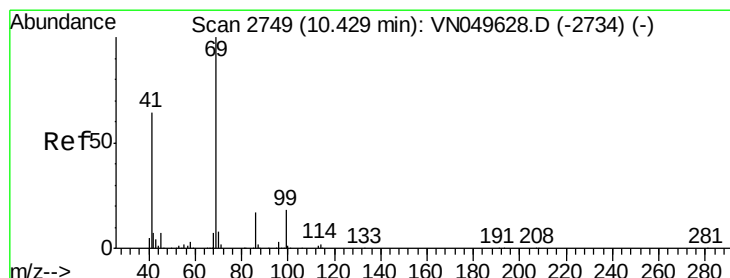
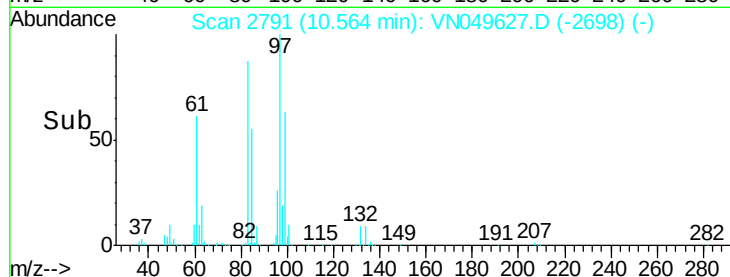
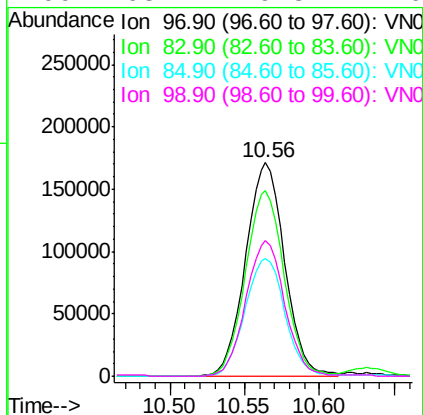
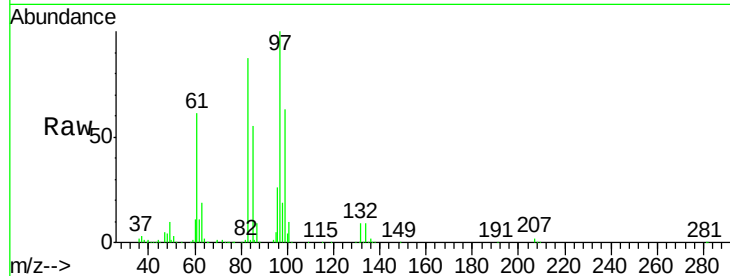




#55
 1,1,2-Trichloroethane
 Concen: 19.482 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

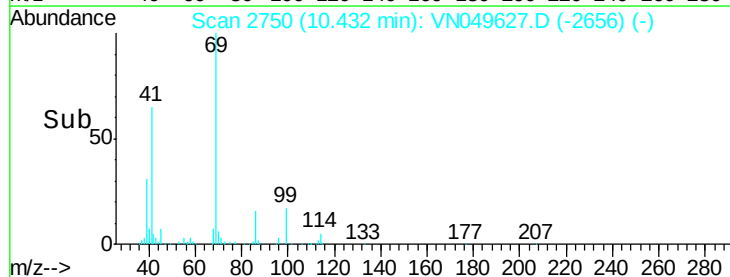
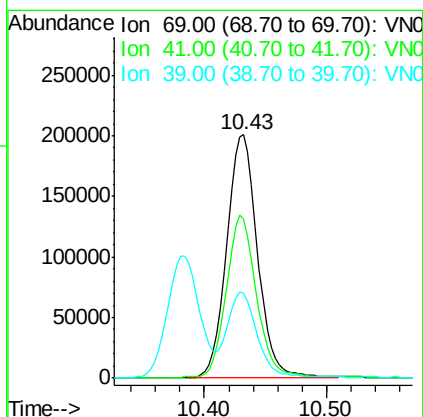
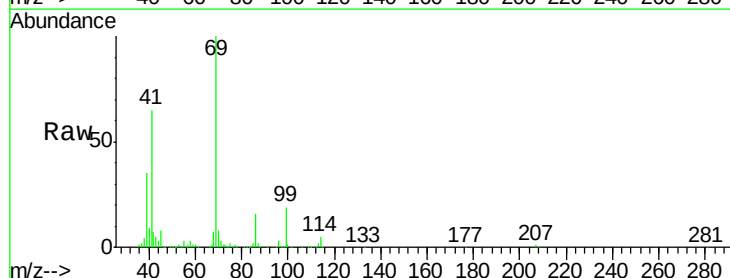
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

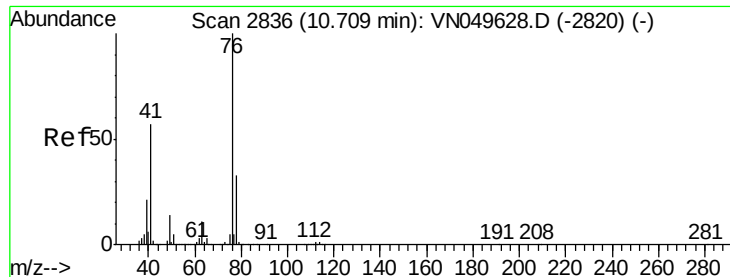
Tgt Ion:	97	Resp:	311620
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	55.3	44.9	67.3
99	63.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.958 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion:	69	Resp:	355437
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.6	77.4
39	34.1	25.8	38.8





#57

1,3-Dichloropropane

Concen: 19.999 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

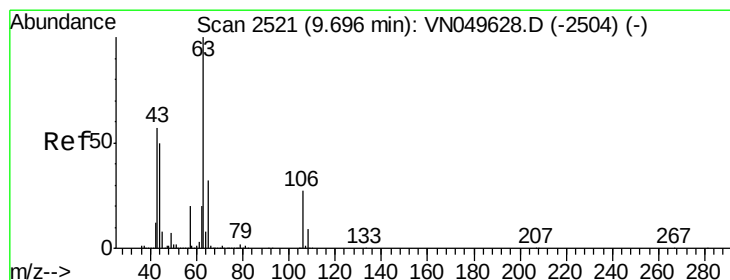
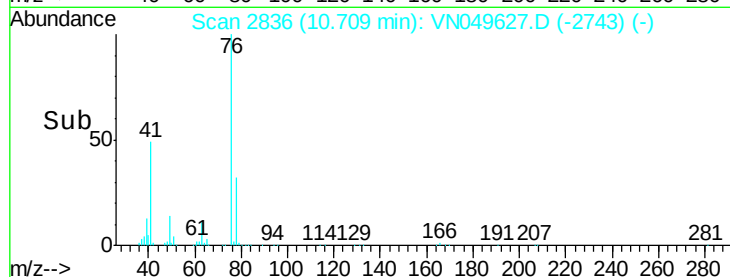
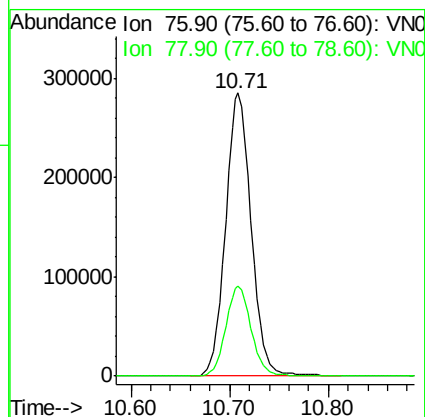
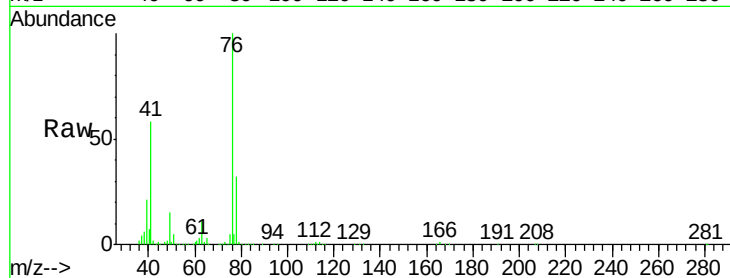
VSTDIC020

Tgt Ion: 76 Resp: 518702

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.026 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049627.D

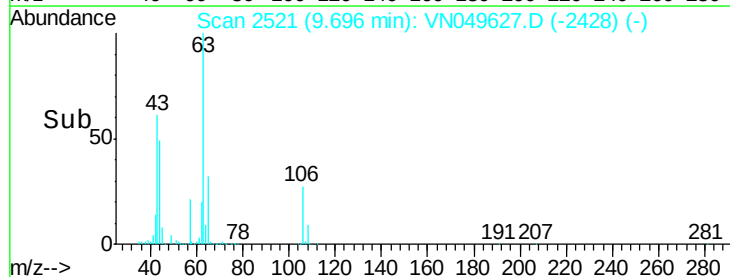
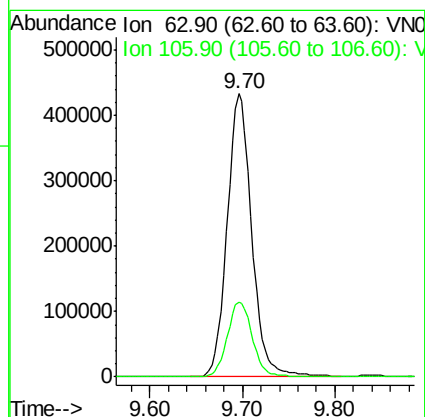
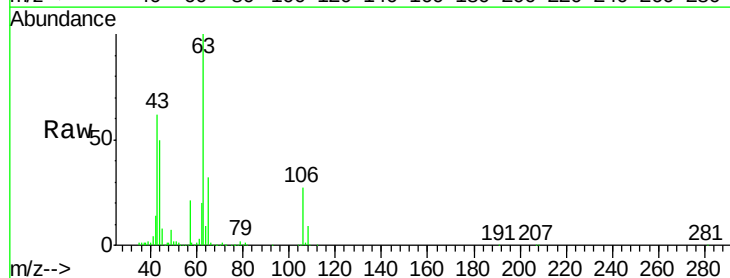
Acq: 29 Jun 2018 11:45

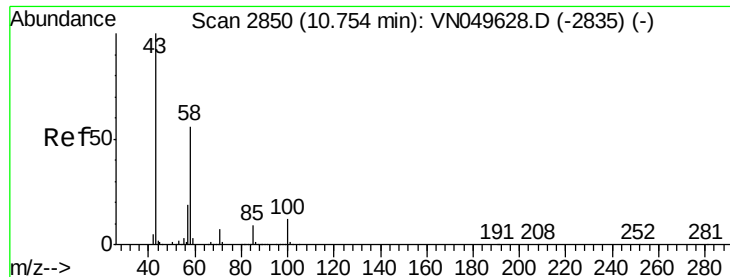
Tgt Ion: 63 Resp: 794479

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.8





#59

2-Hexanone

Concen: 93.437 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

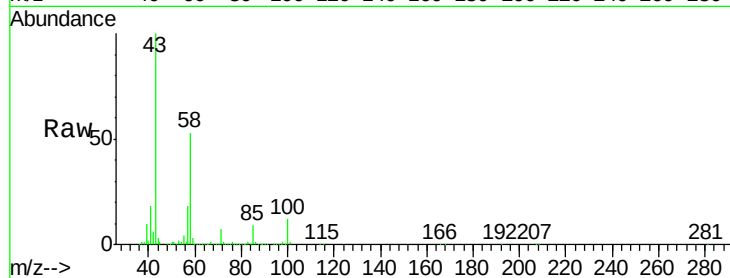
VSTDIC020

Tgt Ion: 43 Resp: 822794

Ion Ratio Lower Upper

43 100

58 54.8 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049627.D (-2835) (-)

Ion 58.00 (57.70 to 58.70): VN049627.D (-2835) (-)

10.75

400000

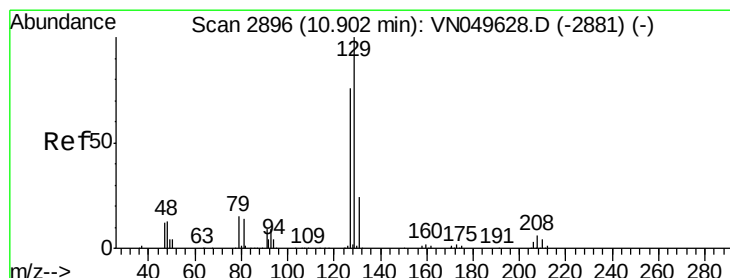
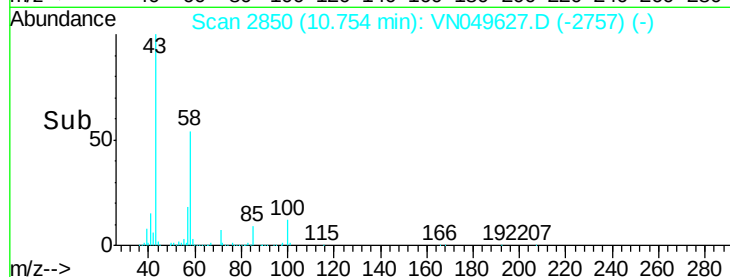
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.589 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN049627.D

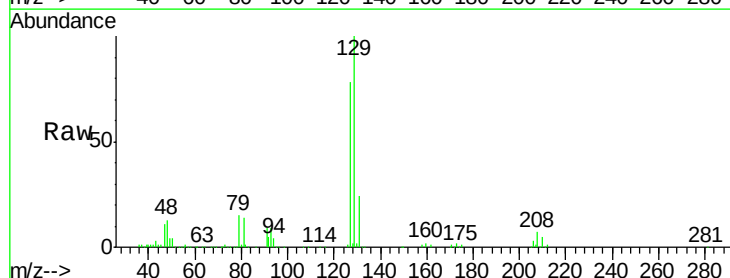
Acq: 29 Jun 2018 11:45

Tgt Ion: 129 Resp: 338653

Ion Ratio Lower Upper

129 100

127 76.9 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VN049627.D (-2881) (-)

Ion 126.80 (126.50 to 127.50): VN049627.D (-2881) (-)

10.90

200000

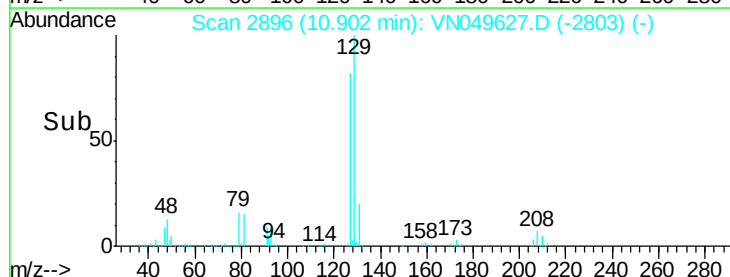
150000

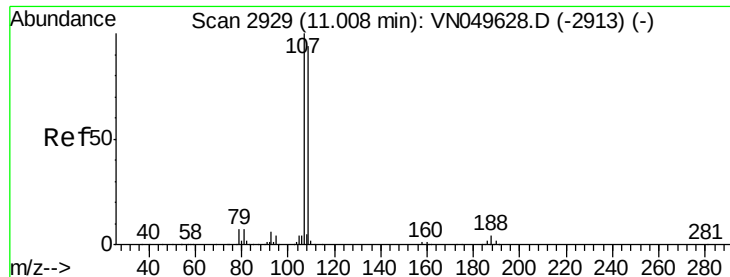
100000

50000

0

Time-->





#61

1,2-Dibromoethane

Concen: 19.130 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

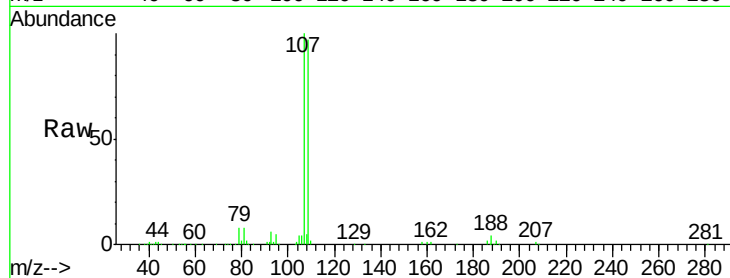
VSTDIC020

Tgt Ion: 107 Resp: 293184

Ion Ratio Lower Upper

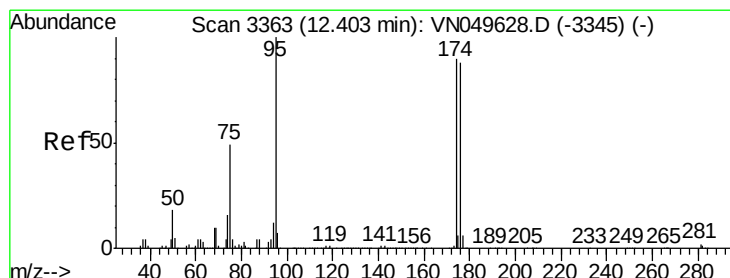
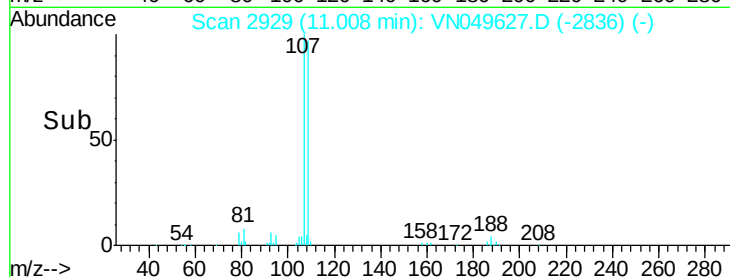
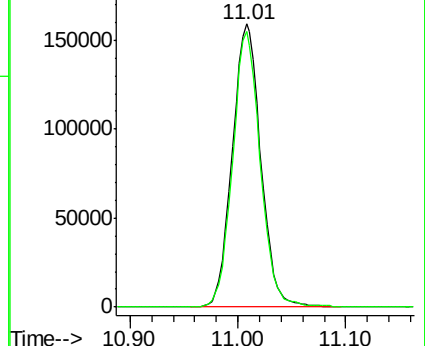
107 100

109 95.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.644 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

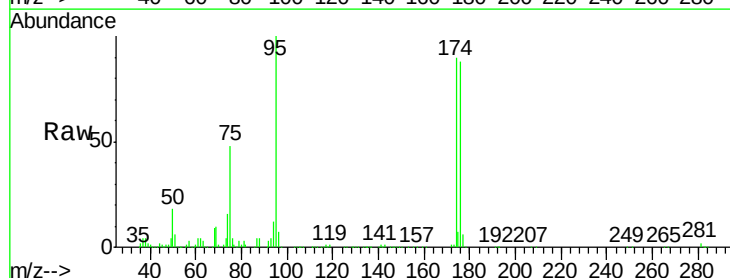
Tgt Ion: 95 Resp: 406228

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.6

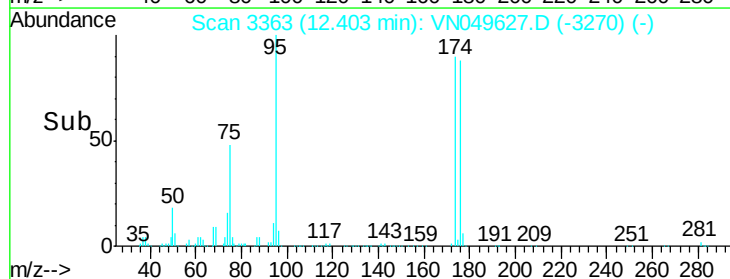
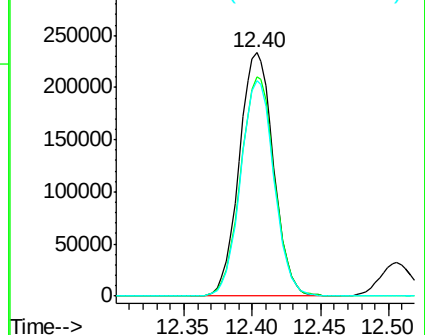
176 86.5 0.0 174.0

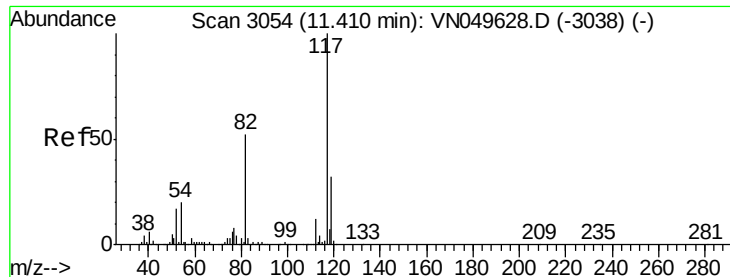


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

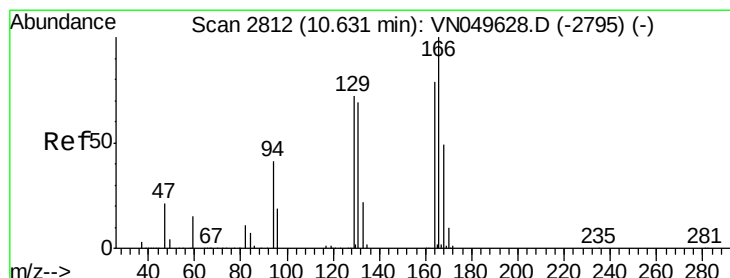
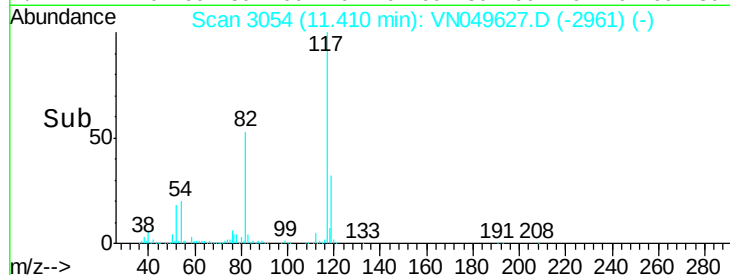
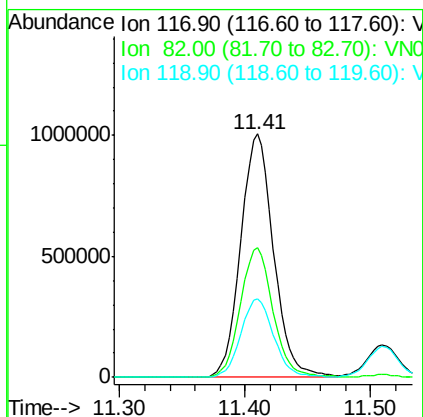
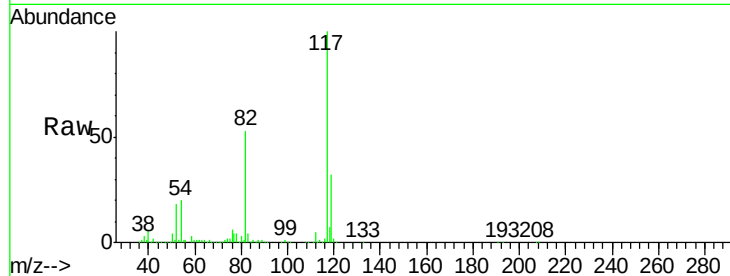




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

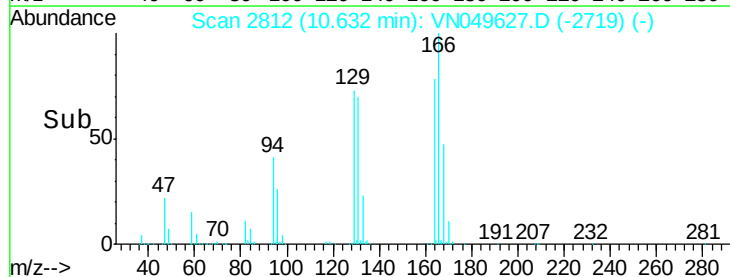
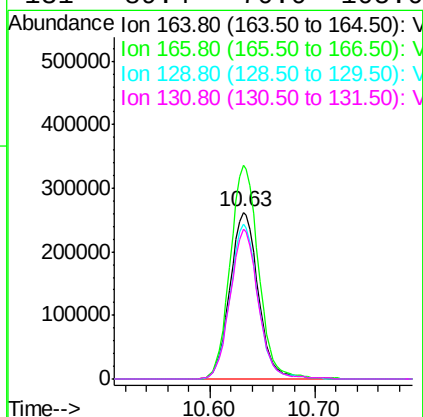
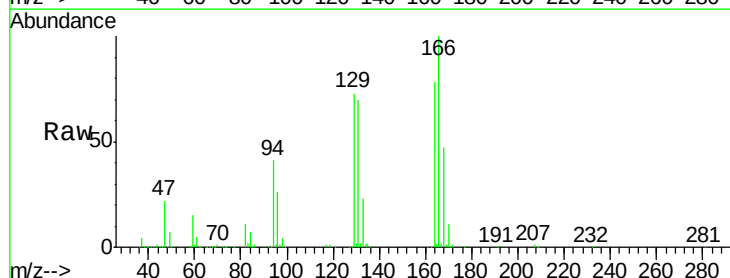
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

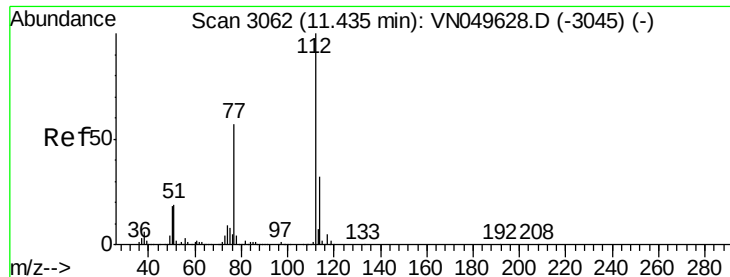
Tgt Ion:117 Resp: 1834146
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 19.625 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion:164 Resp: 487375
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.6
129 93.2 72.8 109.2
131 89.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.288 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

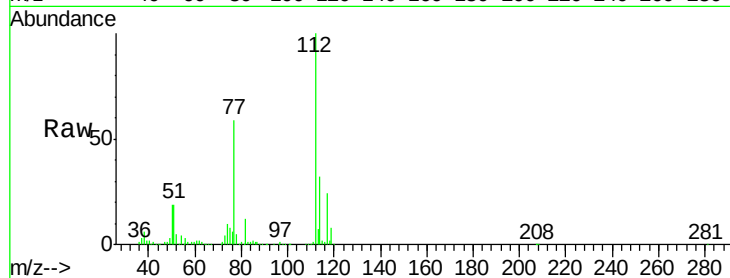
VSTDIC020

Tgt Ion:112 Resp: 922871

Ion Ratio Lower Upper

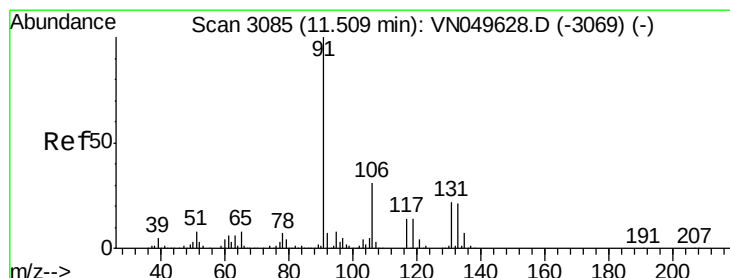
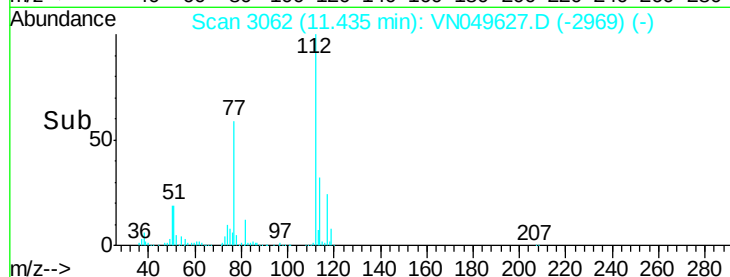
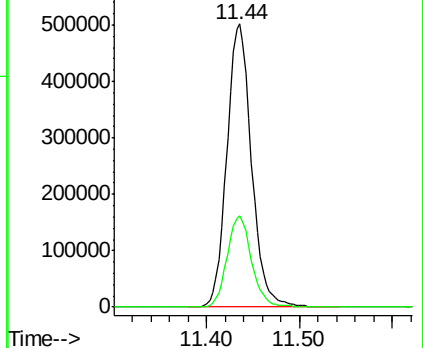
112 100

114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.020 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

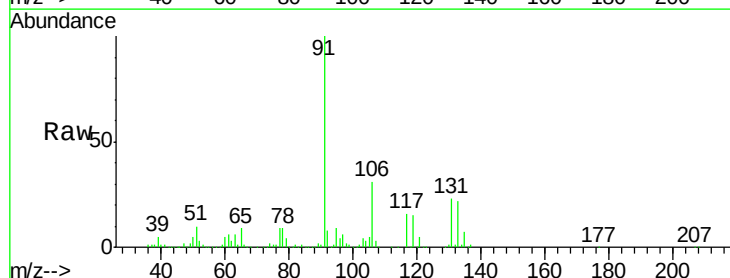
Tgt Ion:131 Resp: 344184

Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

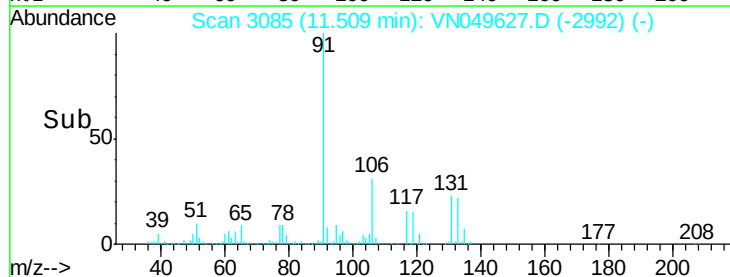
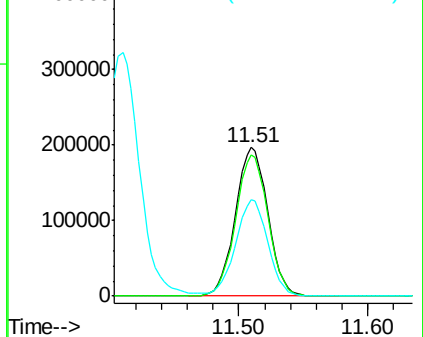
119 64.7 33.1 99.3

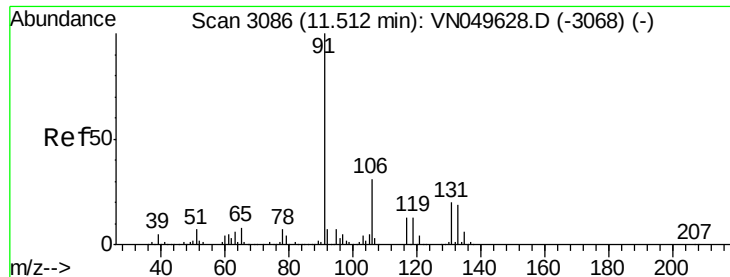


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.555 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

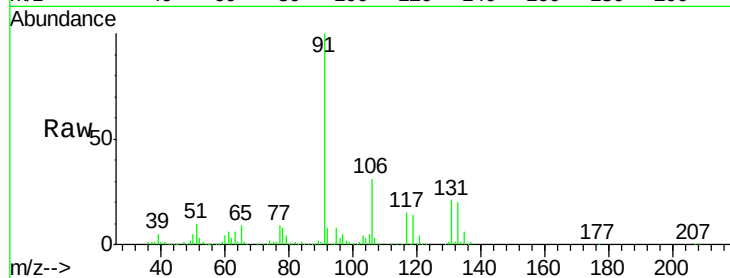
VSTDIC020

Tgt Ion: 91 Resp: 1546680

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN049627.D (-3068) (-)

Ion 106.00 (105.70 to 106.70): VN049627.D (-3068) (-)

1500000

1000000

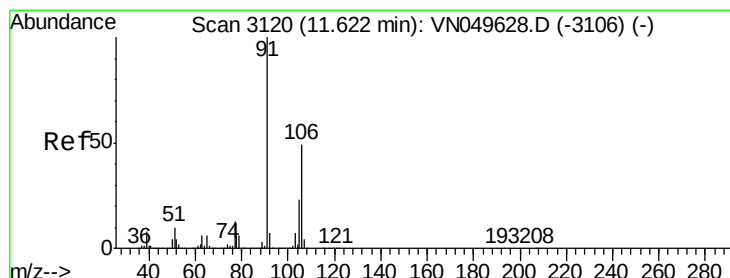
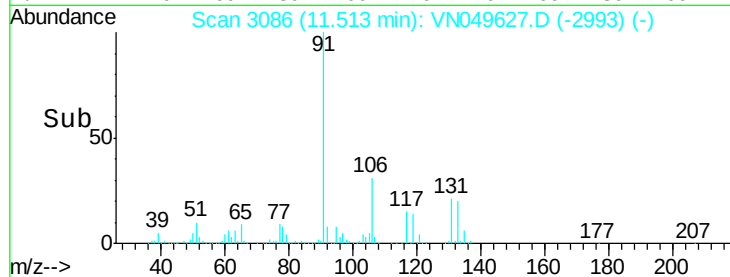
500000

0

11.51

11.60

Time-->



#68

m/p-Xylenes

Concen: 40.424 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049627.D

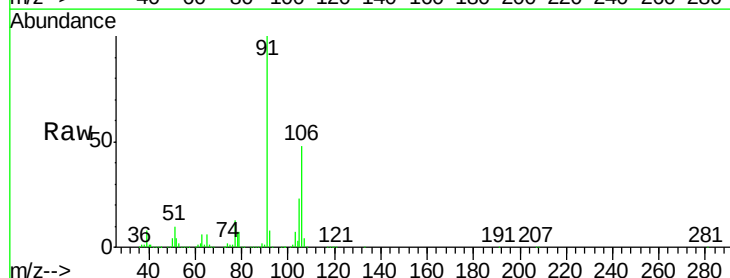
Acq: 29 Jun 2018 11:45

Tgt Ion: 106 Resp: 1225301

Ion Ratio Lower Upper

106 100

91 204.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VN049627.D (-3106) (-)

Ion 91.00 (90.70 to 91.70): VN049627.D (-3106) (-)

1500000

1000000

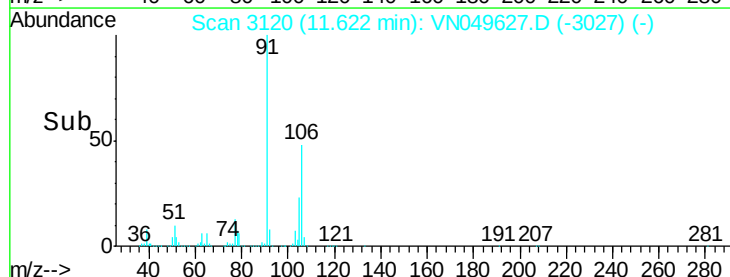
500000

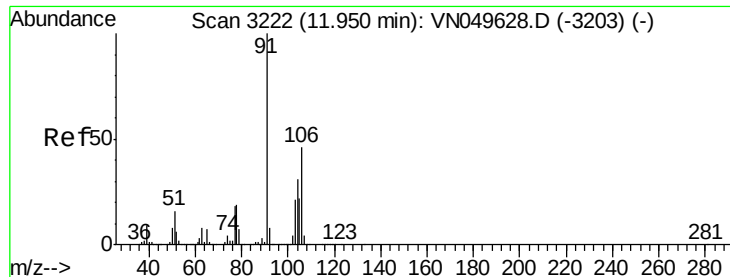
0

11.62

11.70

Time-->

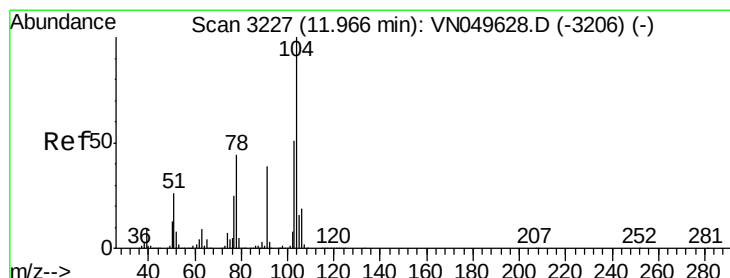
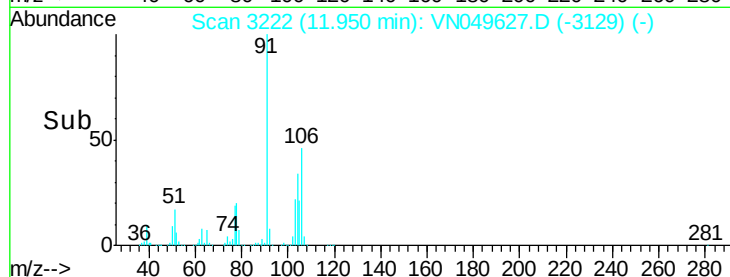
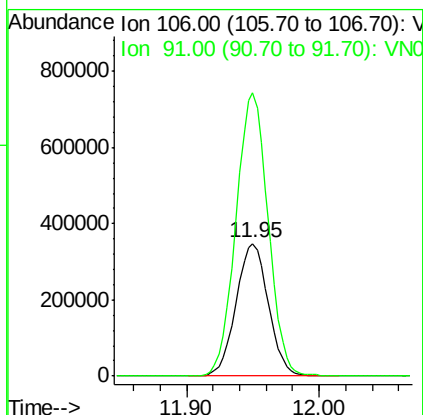
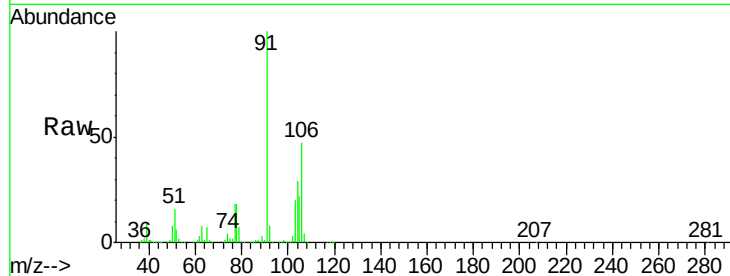




#69
o-Xylene
Concen: 20.297 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

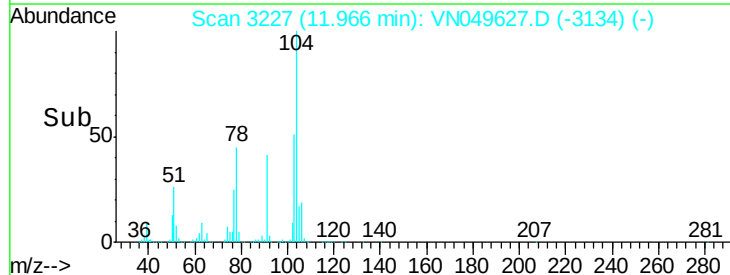
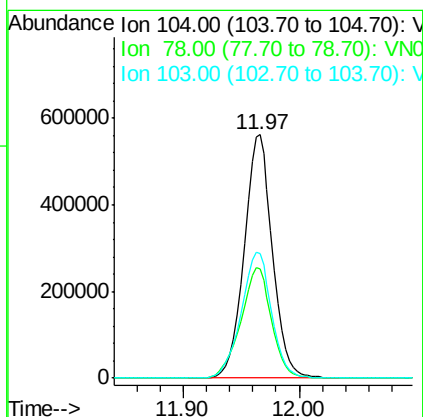
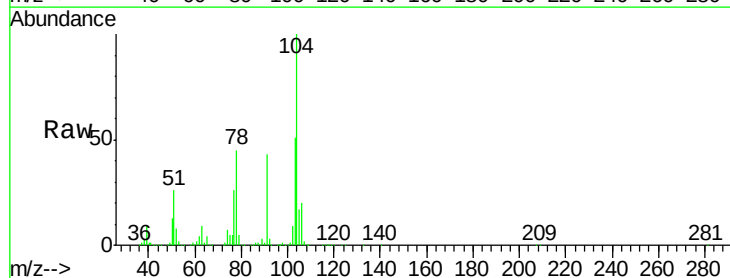
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

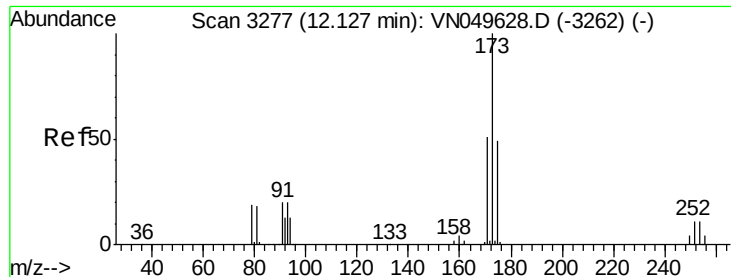
Tgt Ion:106 Resp: 589009
Ion Ratio Lower Upper
106 100
91 212.9 108.7 326.1



#70
Styrene
Concen: 20.218 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion:104 Resp: 949333
Ion Ratio Lower Upper
104 100
78 49.3 39.2 58.8
103 55.9 44.6 67.0

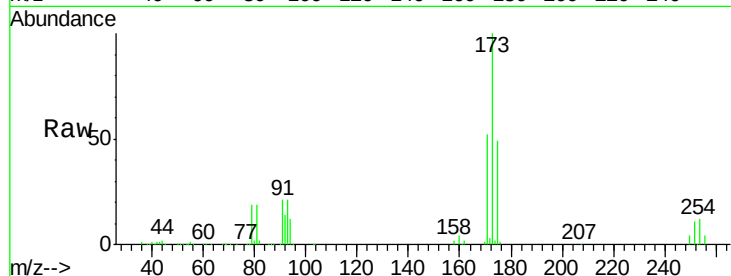




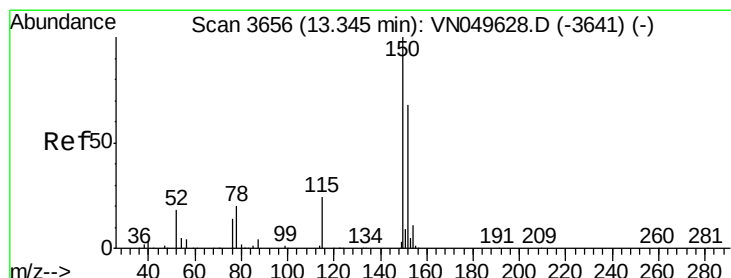
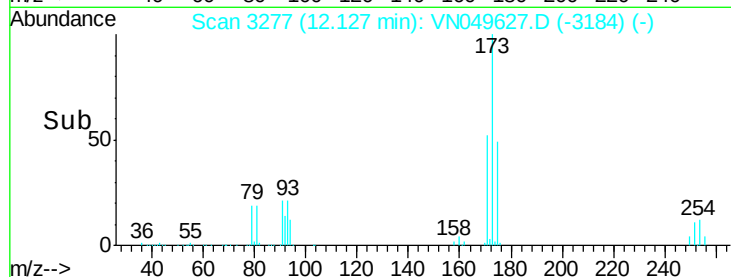
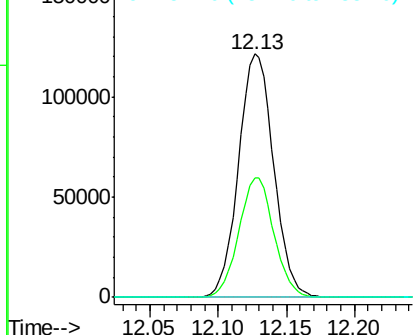
#71
Bromoform
Concen: 18.946 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 216435
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.2 0.2#

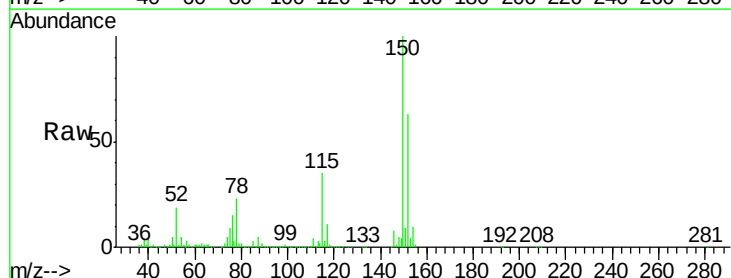


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

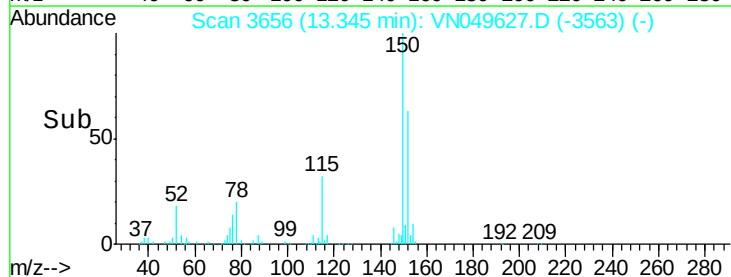
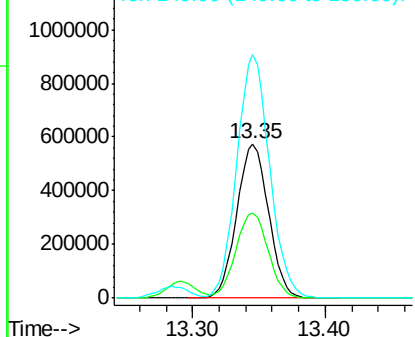


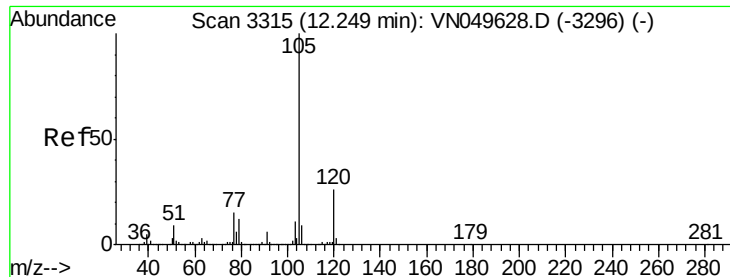
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049627.D
Acq: 29 Jun 2018 11:45

Tgt Ion:152 Resp: 953718
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 163.7 0.0 347.6



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





#73

Isopropylbenzene

Concen: 20.152 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

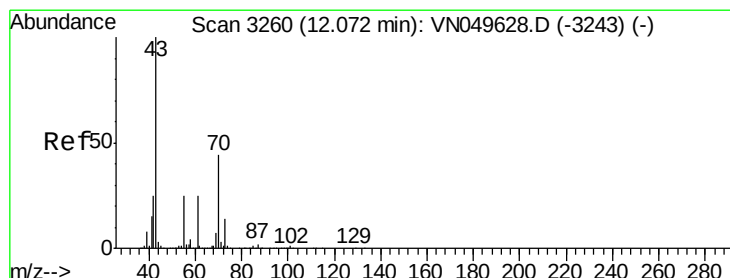
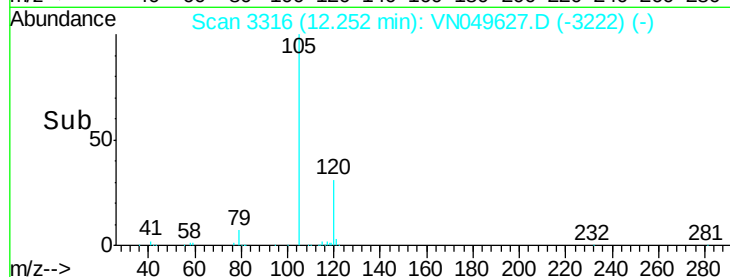
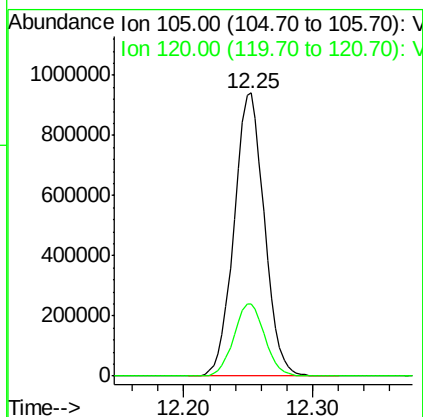
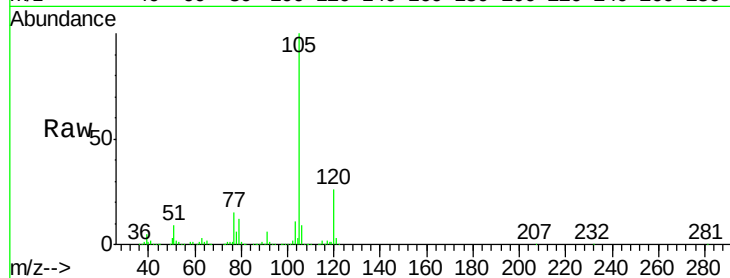
VSTDIC020

Tgt Ion:105 Resp: 1530934

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 18.389 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Tgt Ion: 43 Resp: 381588

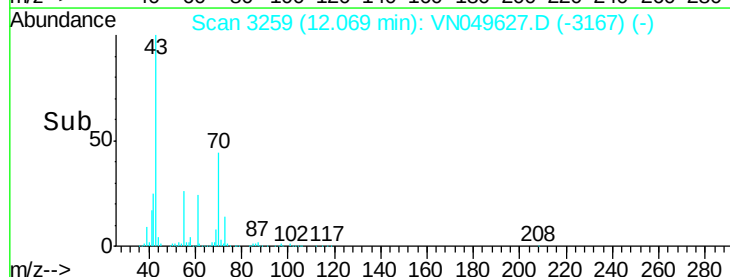
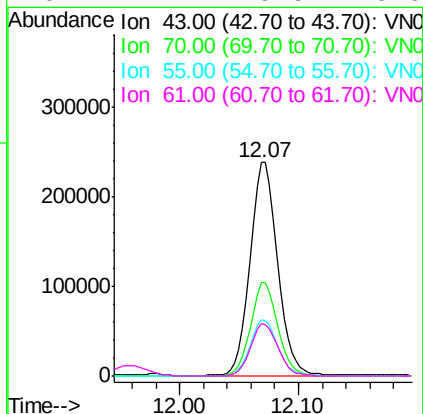
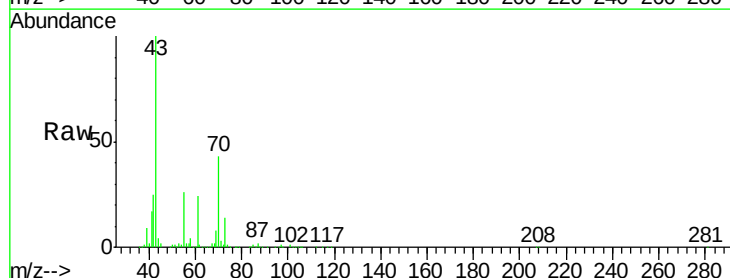
Ion Ratio Lower Upper

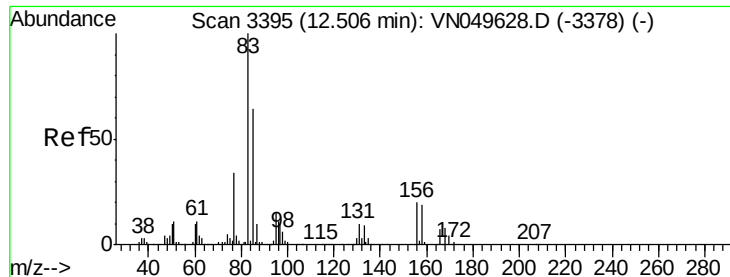
43 100

70 43.4 34.8 52.2

55 26.6 20.9 31.3

61 24.4 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.756 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

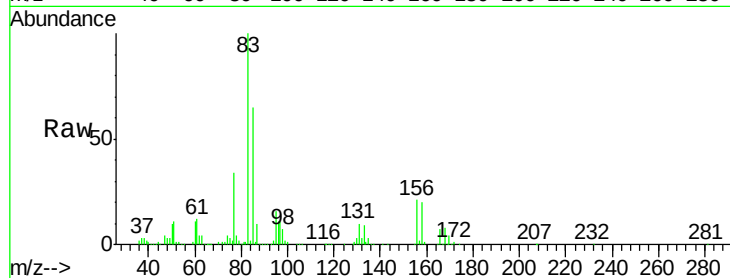
Tgt Ion: 83 Resp: 336471

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

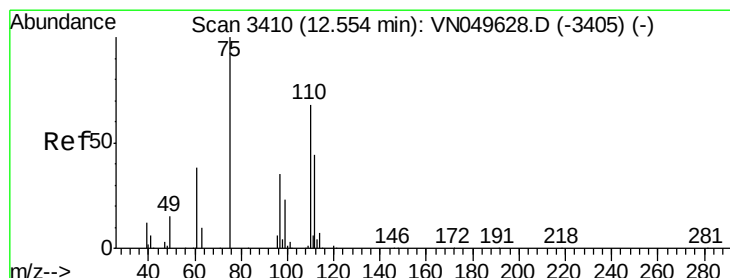
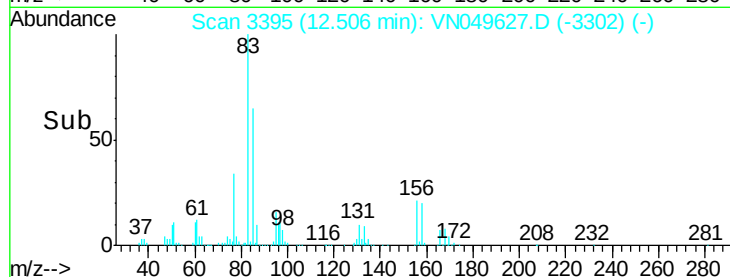
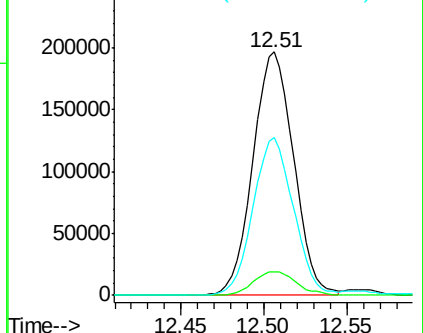
85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049627.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049627.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049627.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 26.074 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049627.D

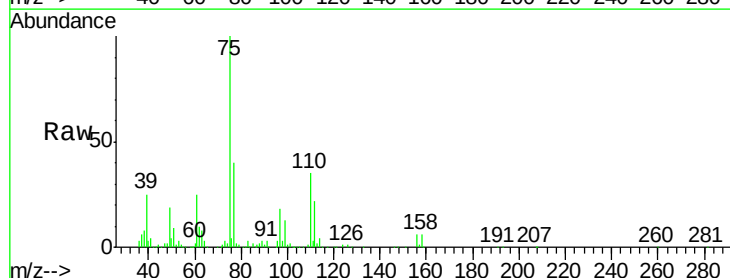
Acq: 29 Jun 2018 11:45

Tgt Ion: 75 Resp: 431705

Ion Ratio Lower Upper

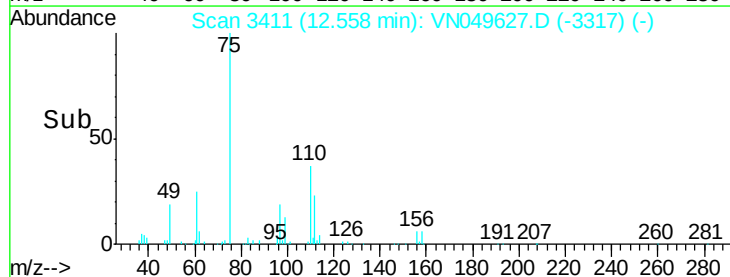
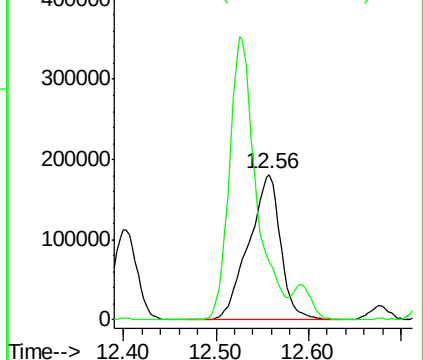
75 100

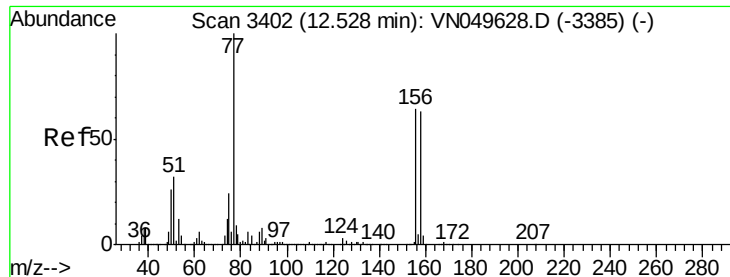
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049627.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049627.D (-3317) (-)





#77

Bromobenzene

Concen: 19.242 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

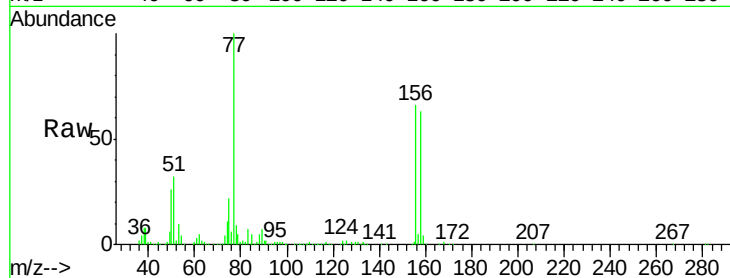
Tgt Ion:156 Resp: 397493

Ion Ratio Lower Upper

156 100

77 177.9 90.2 270.6

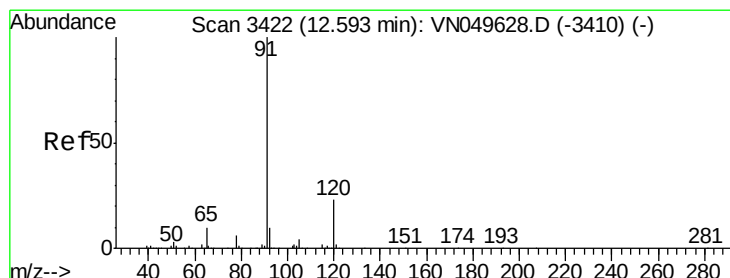
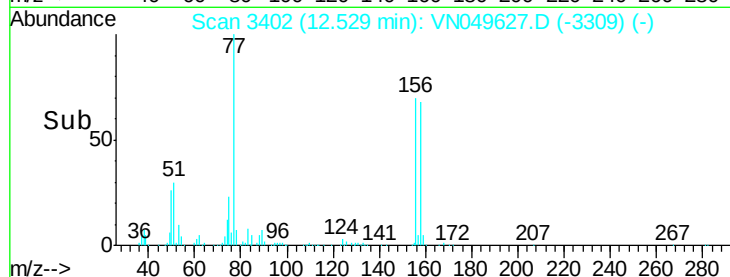
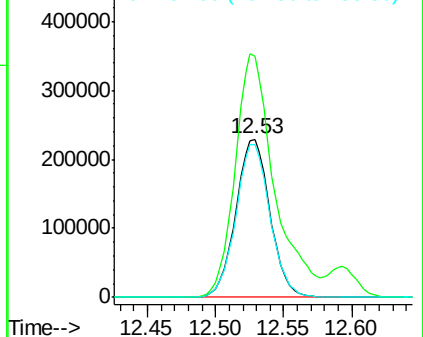
158 96.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.232 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049627.D

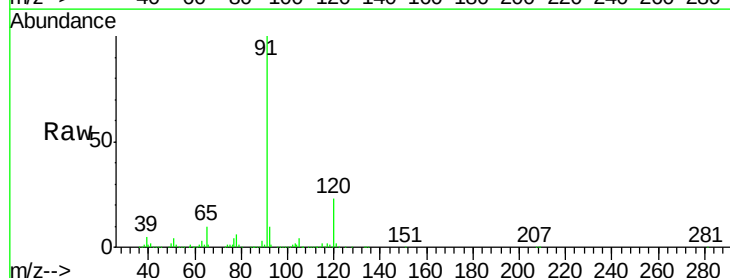
Acq: 29 Jun 2018 11:45

Tgt Ion: 91 Resp: 1761485

Ion Ratio Lower Upper

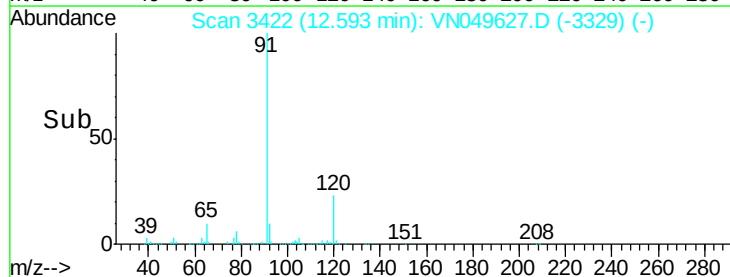
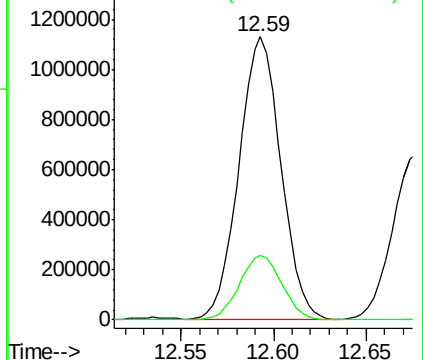
91 100

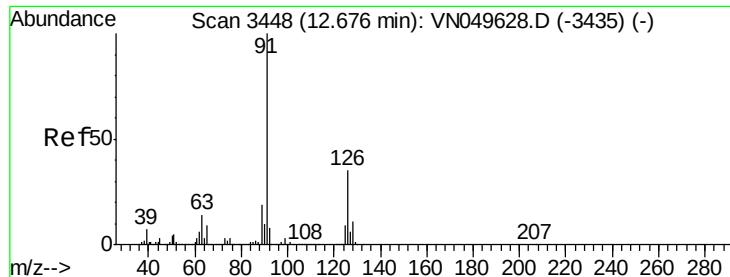
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.668 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

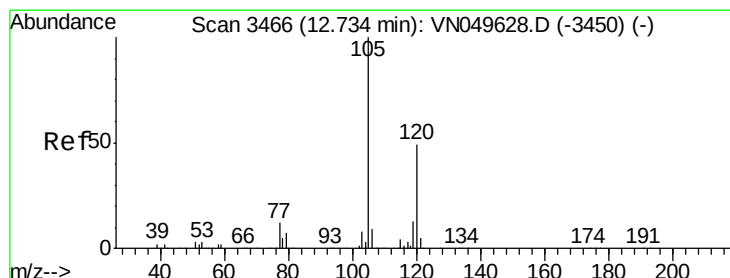
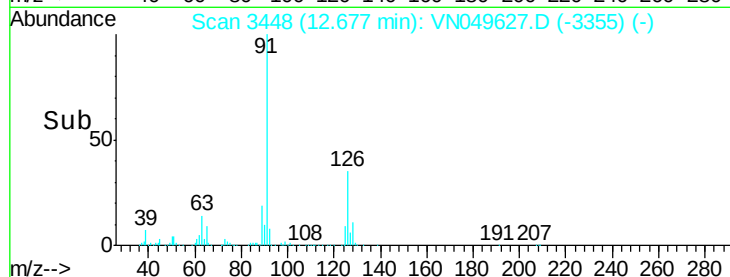
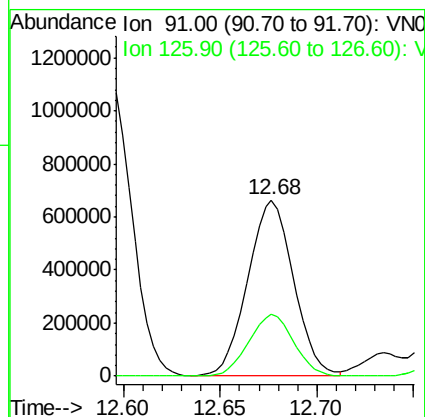
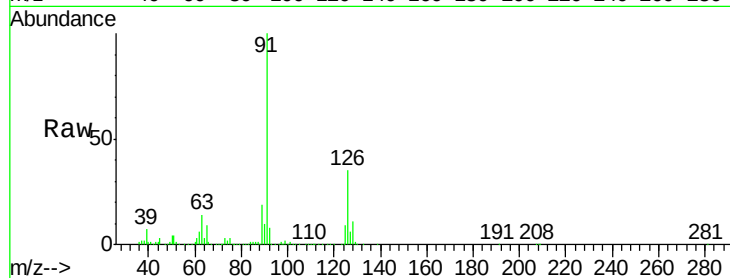
VSTDIC020

Tgt Ion: 91 Resp: 1083779

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.701 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049627.D

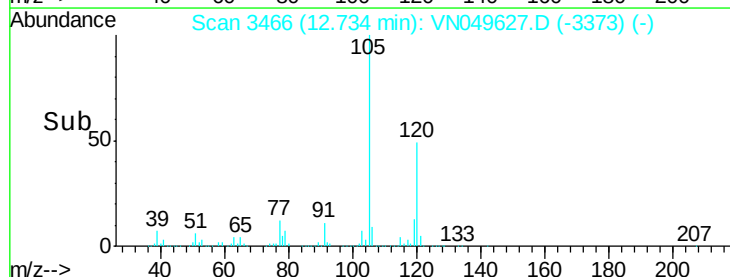
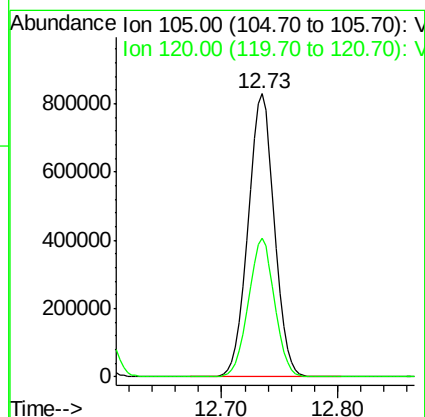
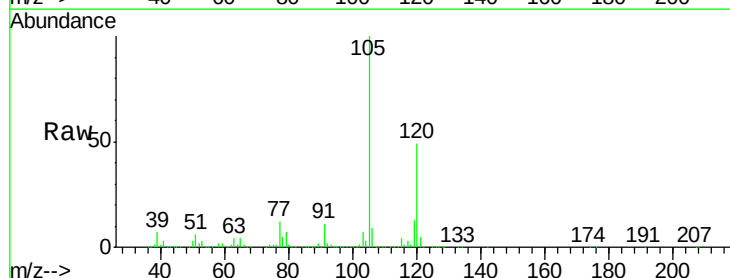
Acq: 29 Jun 2018 11:45

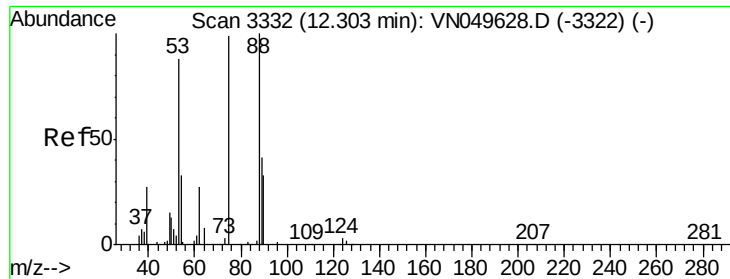
Tgt Ion: 105 Resp: 1306837

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.977 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

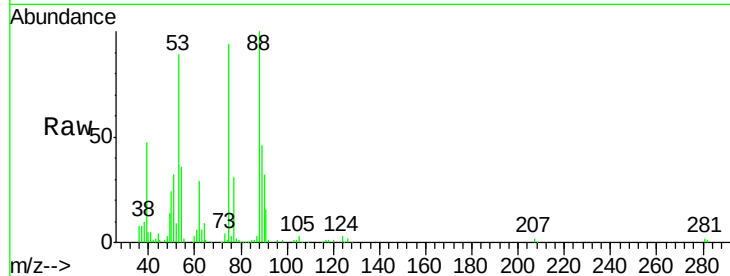
Tgt Ion: 75 Resp: 80957

Ion Ratio Lower Upper

75 100

53 97.3 73.9 110.9

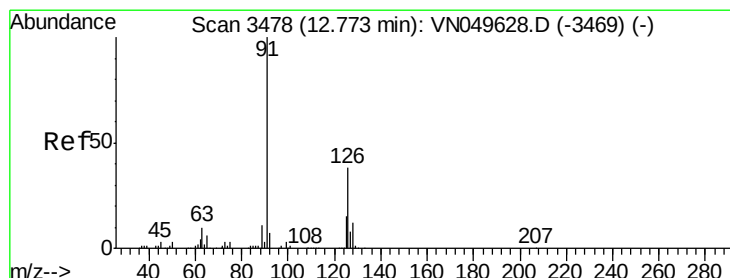
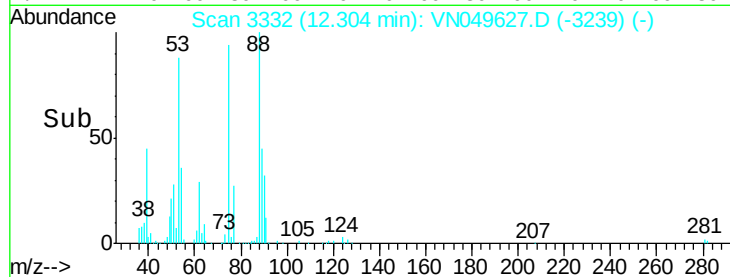
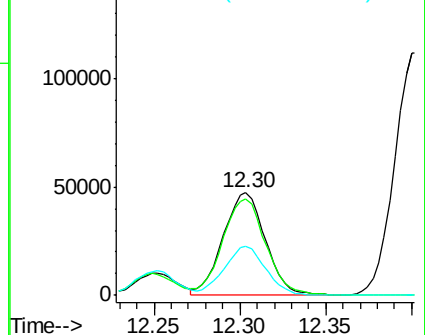
89 47.2 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.749 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049627.D

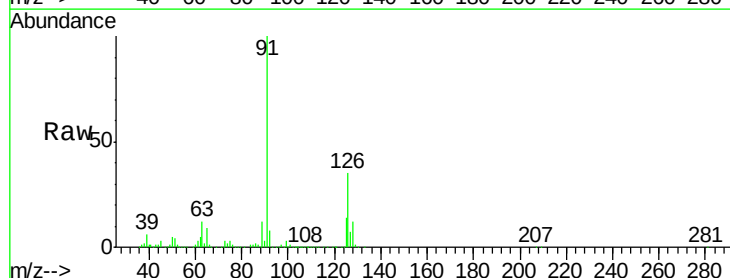
Acq: 29 Jun 2018 11:45

Tgt Ion: 91 Resp: 1094202

Ion Ratio Lower Upper

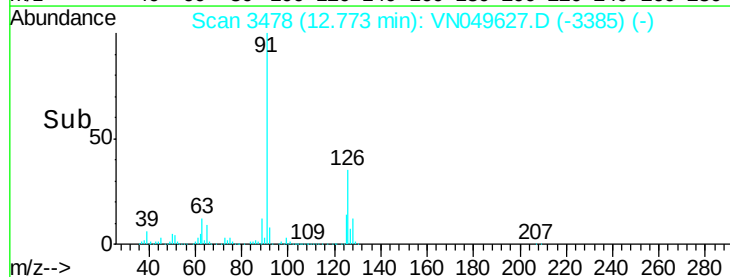
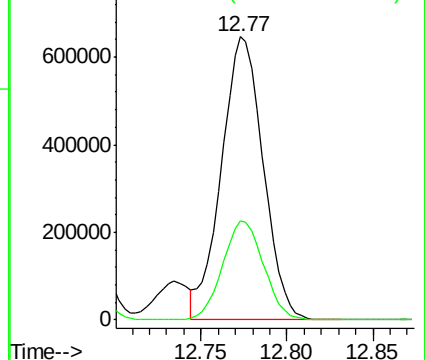
91 100

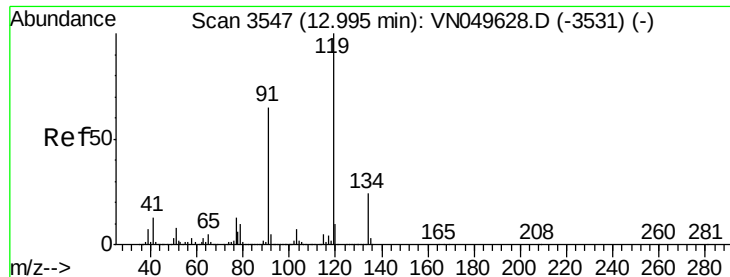
126 34.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.880 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

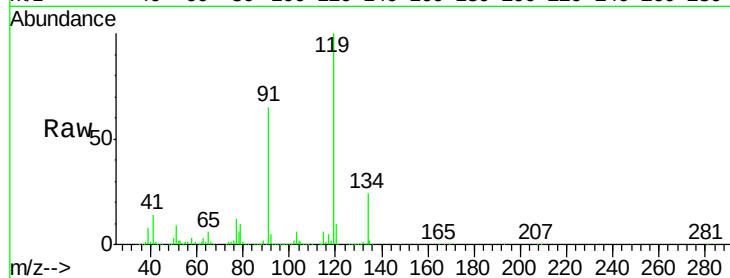
Tgt Ion:119 Resp: 1078099

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.2

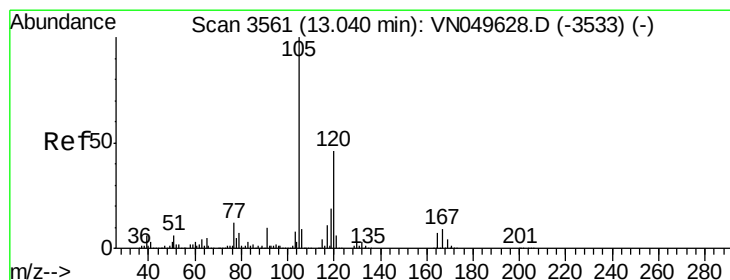
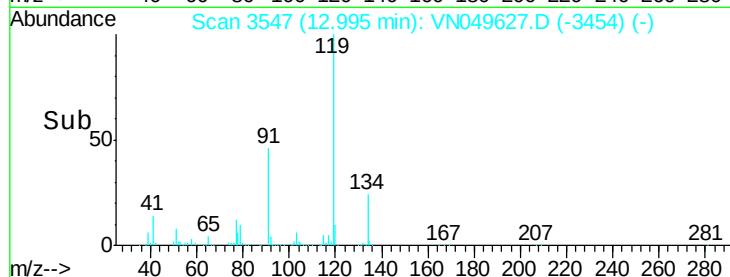
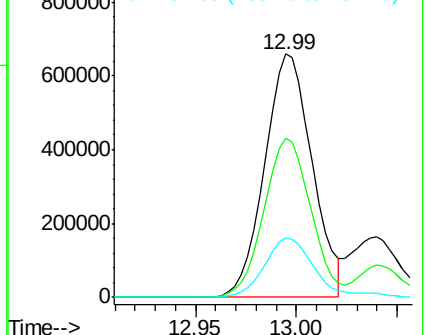
134 25.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.474 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049627.D

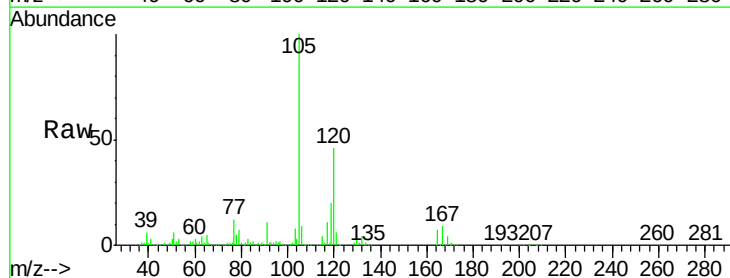
Acq: 29 Jun 2018 11:45

Tgt Ion:105 Resp: 1328054

Ion Ratio Lower Upper

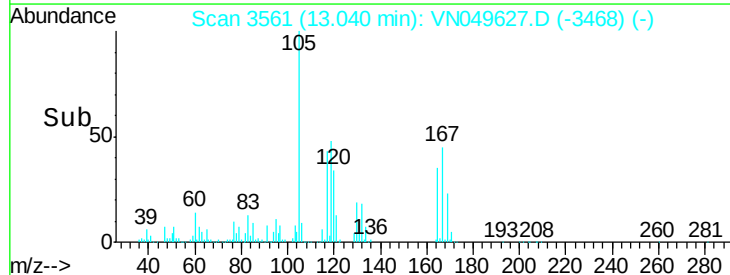
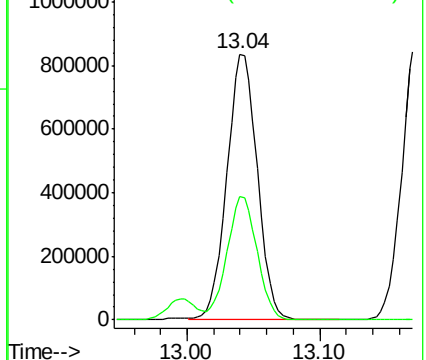
105 100

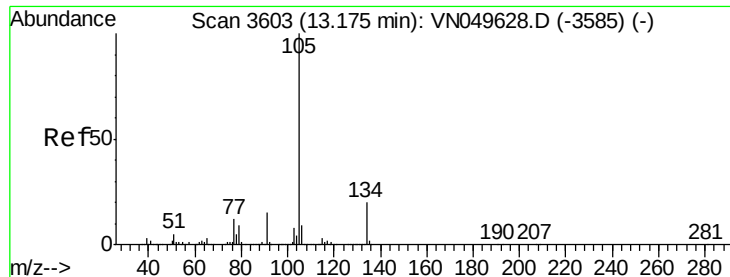
120 45.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.346 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

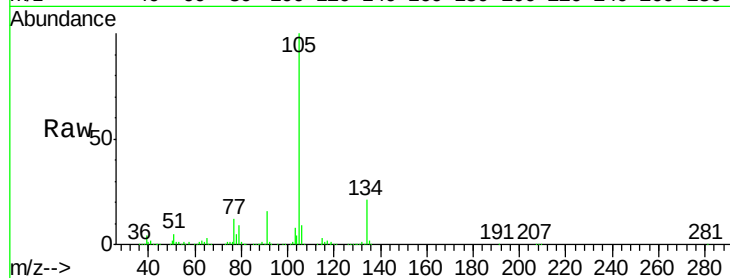
VSTDIC020

Tgt Ion:105 Resp: 1461858

Ion Ratio Lower Upper

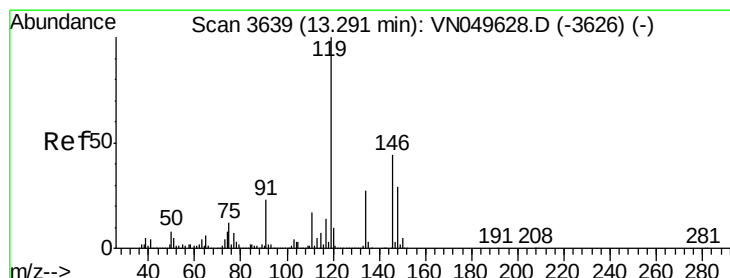
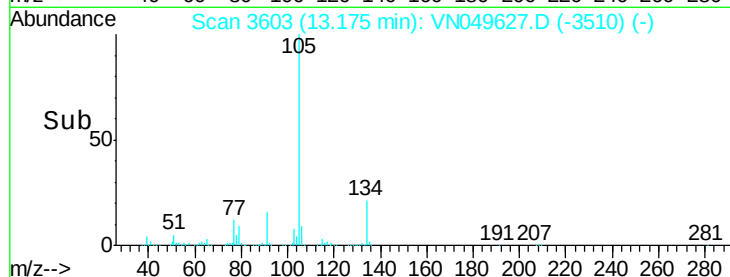
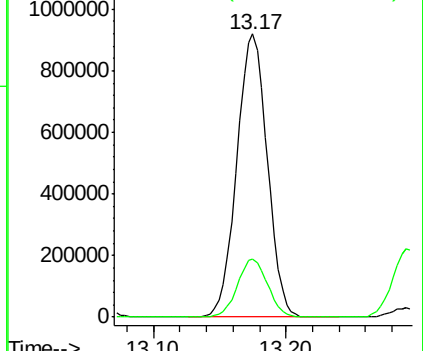
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.657 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

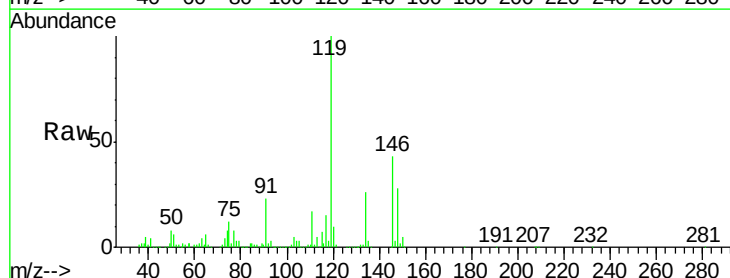
Tgt Ion:119 Resp: 1285565

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

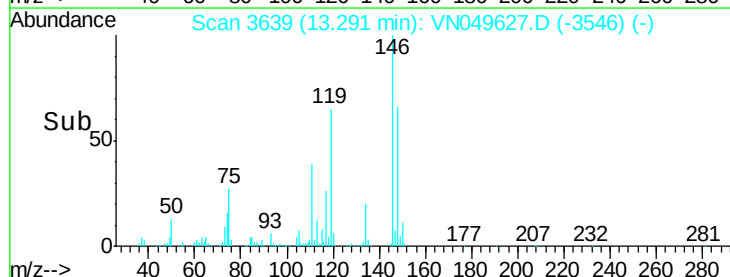
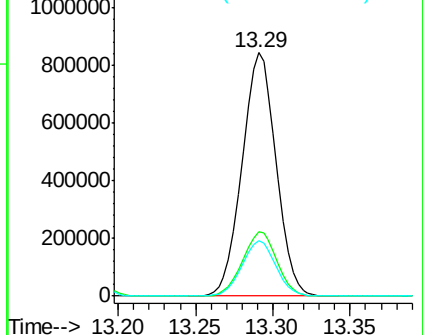
91 22.7 11.4 34.1

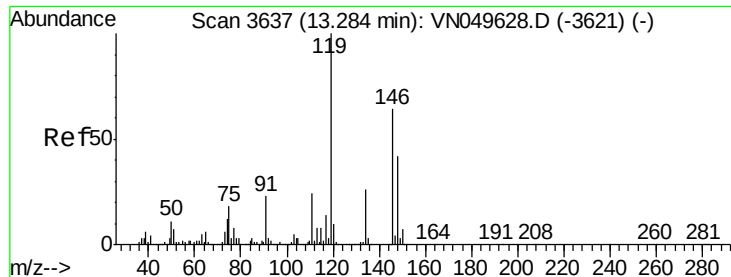


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

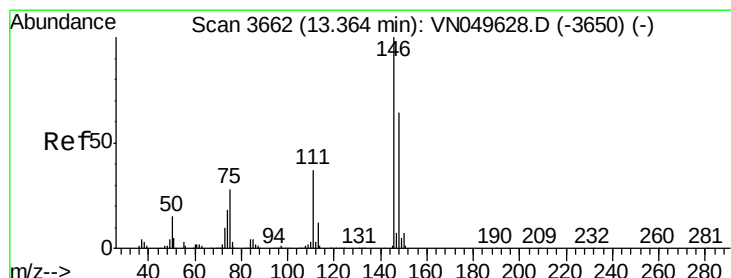
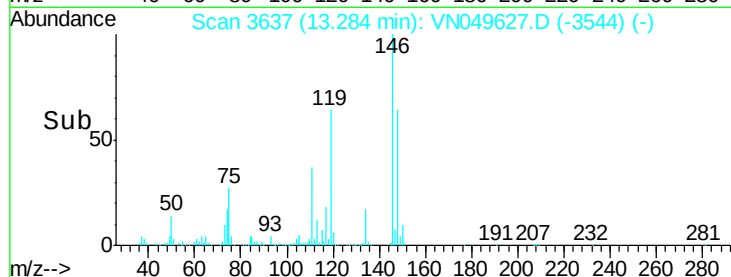
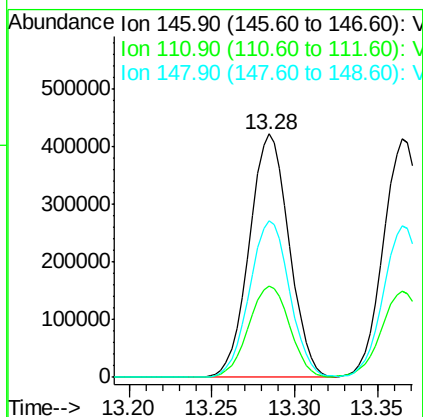
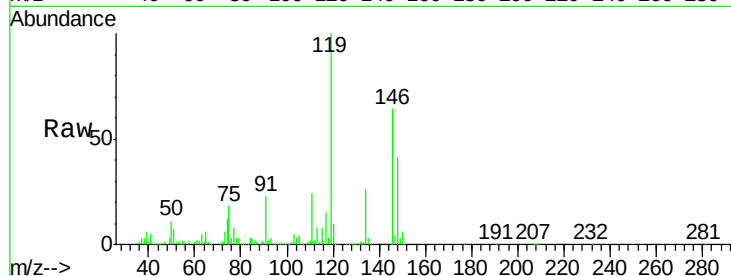




#87
 1,3-Dichlorobenzene
 Concen: 18.508 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

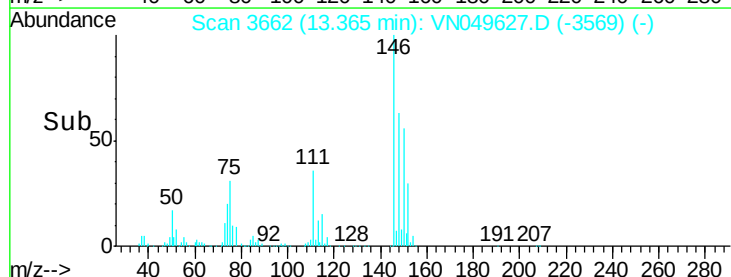
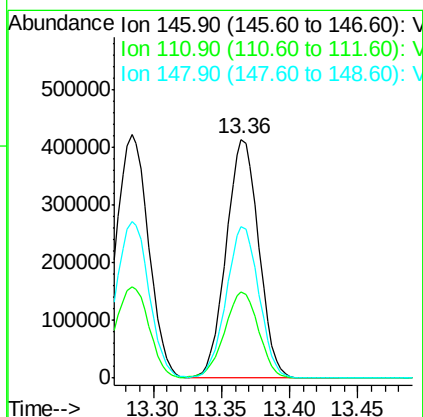
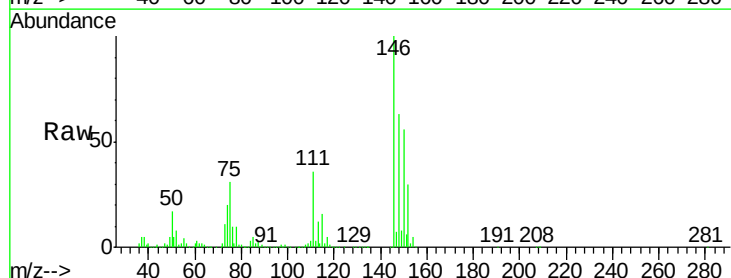
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

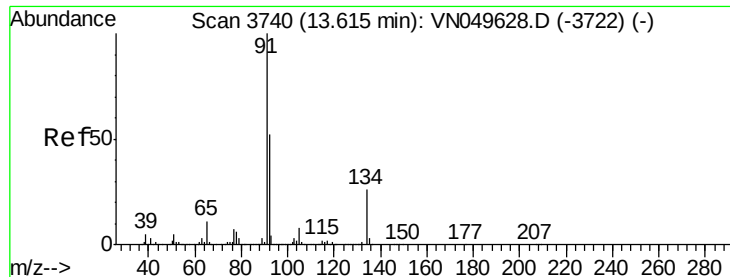
Tgt Ion:146 Resp: 705831
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 17.976 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion:146 Resp: 684343
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 18.810 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

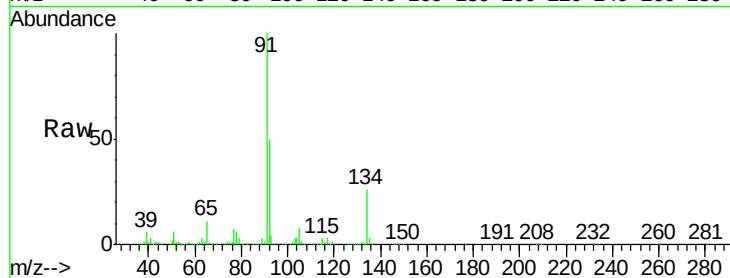
Tgt Ion: 91 Resp: 1002206

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.3

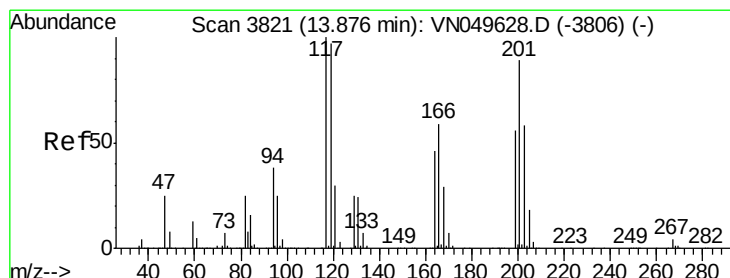
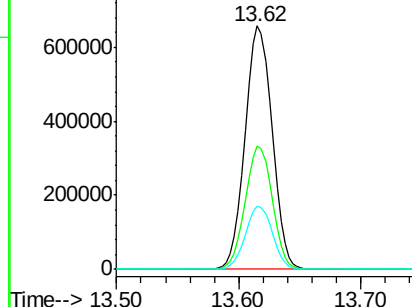
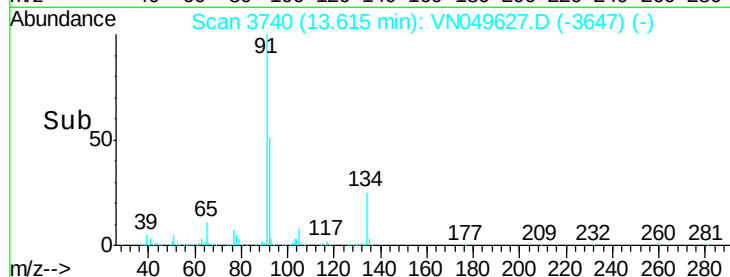
134 25.9 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049627.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049627.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049627.D (-3647) (-)



#90

Hexachloroethane

Concen: 18.330 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049627.D

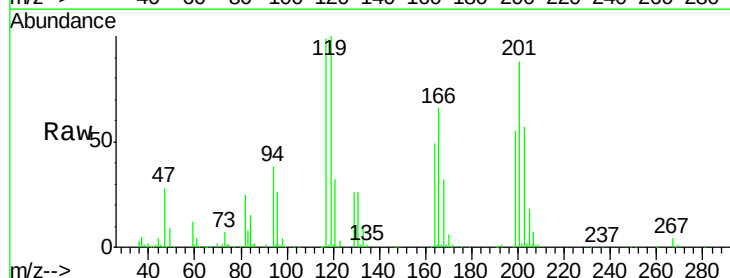
Acq: 29 Jun 2018 11:45

Tgt Ion: 117 Resp: 119827

Ion Ratio Lower Upper

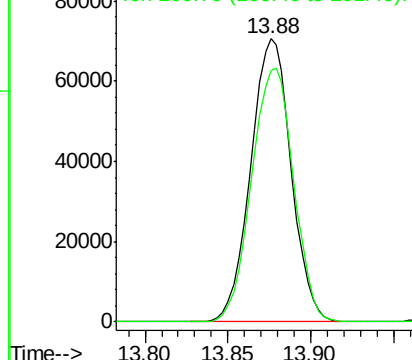
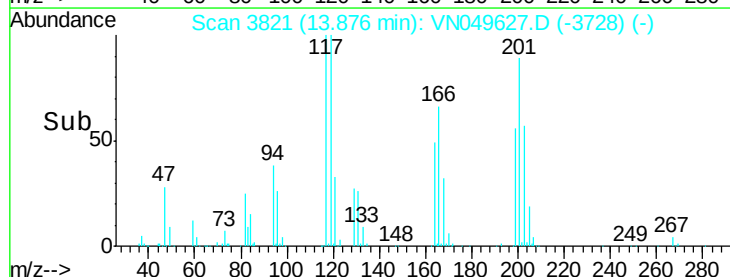
117 100

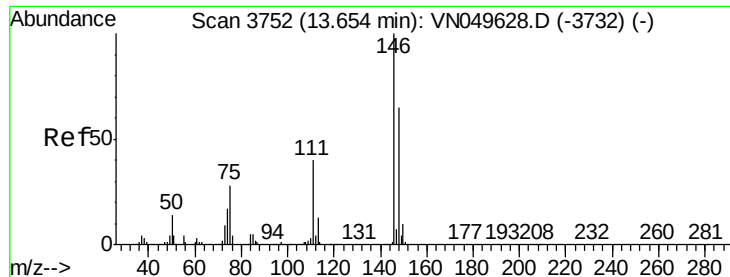
201 92.9 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049627.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049627.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 18.620 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

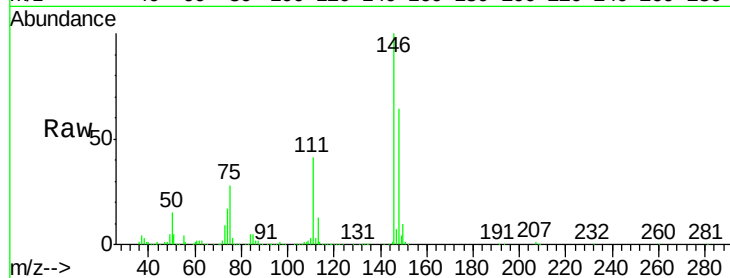
Tgt Ion:146 Resp: 690240

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

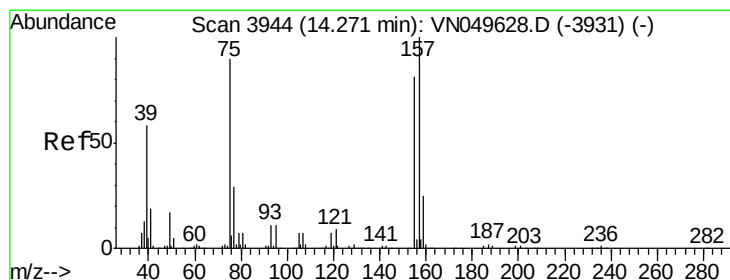
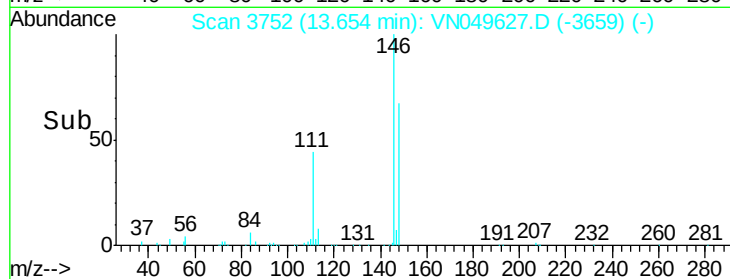
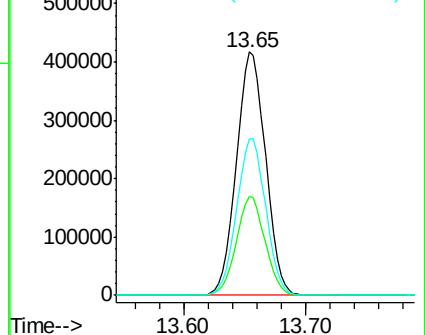
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.080 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

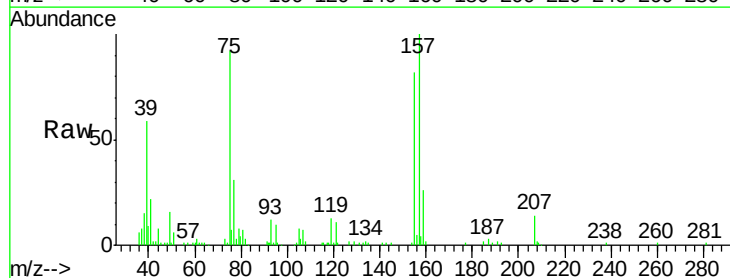
Tgt Ion: 75 Resp: 53464

Ion Ratio Lower Upper

75 100

155 85.7 45.7 137.1

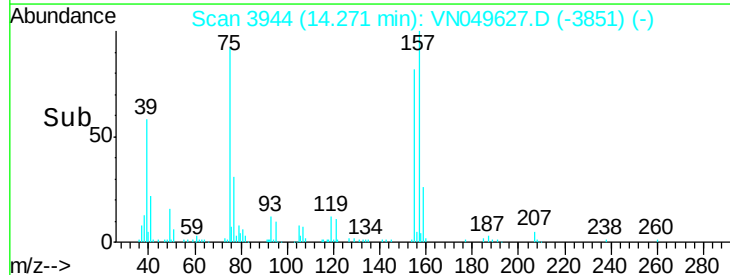
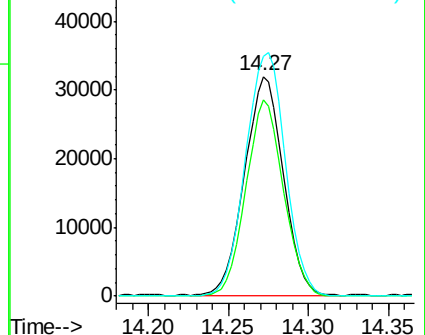
157 113.0 56.9 170.7

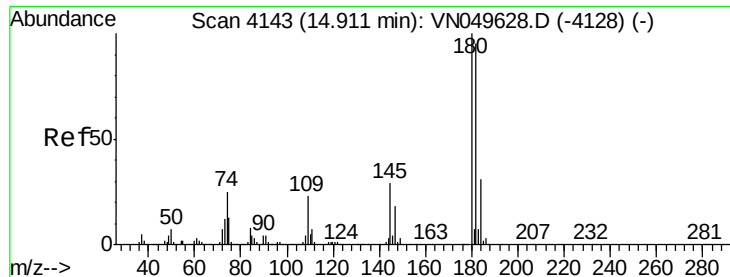


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

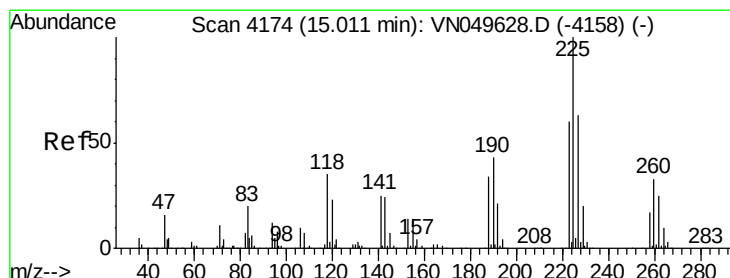
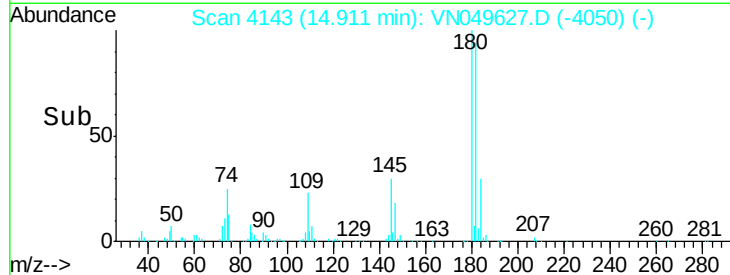
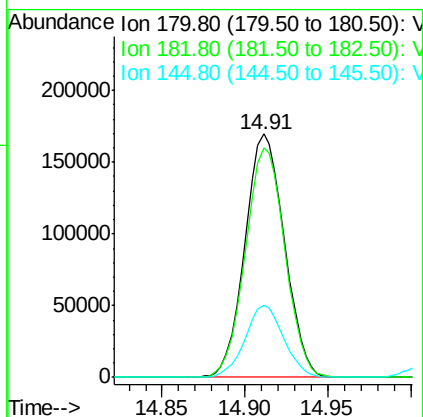
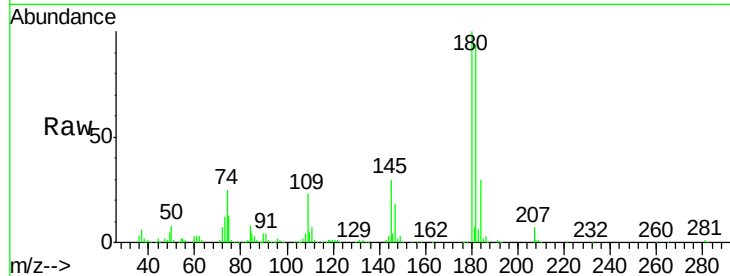




#93
 1,2,4-Trichlorobenzene
 Concen: 16.446 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

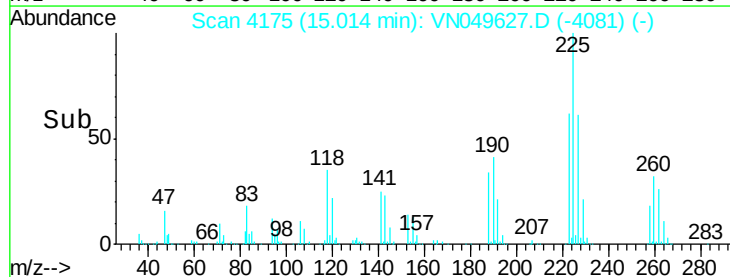
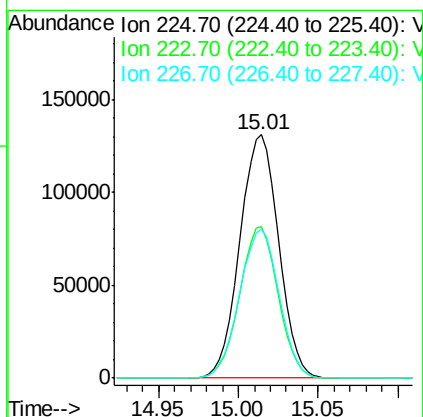
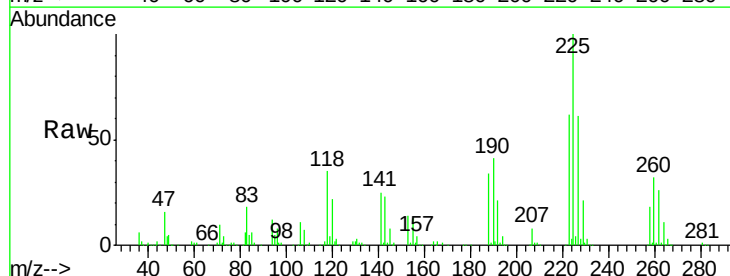
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

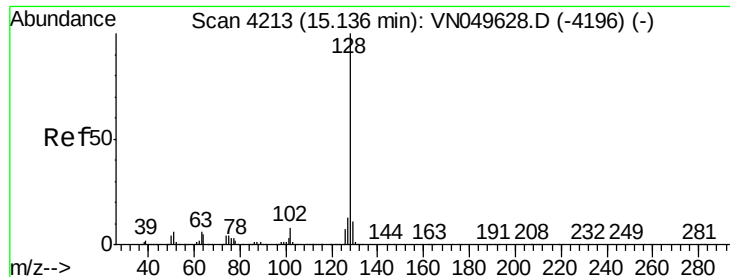
Tgt Ion:180 Resp: 280719
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 29.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 18.369 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049627.D
 Acq: 29 Jun 2018 11:45

Tgt Ion:225 Resp: 217462
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.7
 227 62.4 31.8 95.4





#95

Naphthalene

Concen: 14.729 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

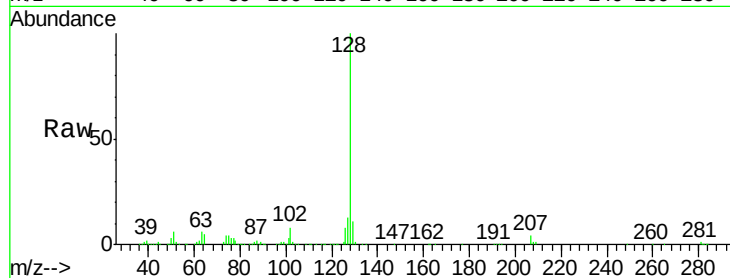
Tgt Ion:128 Resp: 539412

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

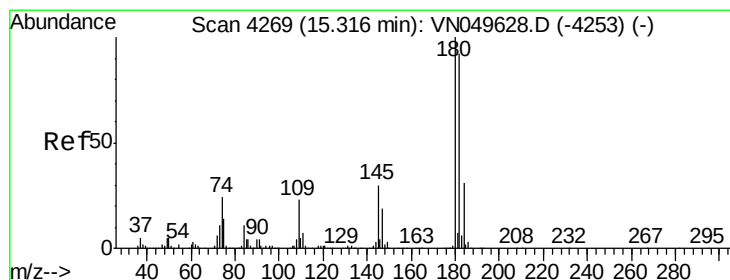
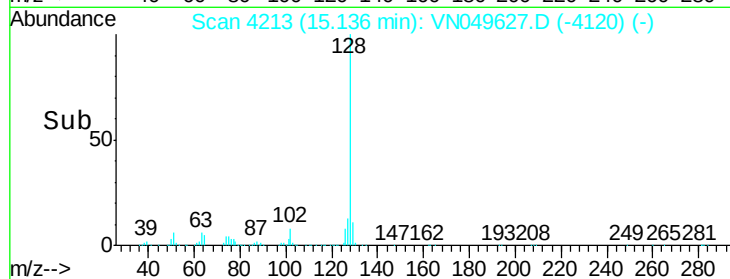
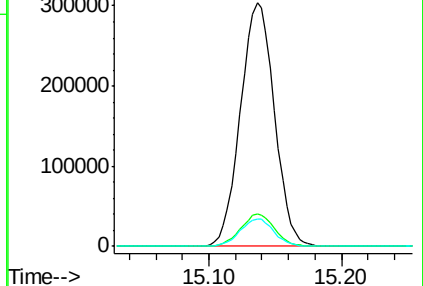
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.132 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049627.D

Acq: 29 Jun 2018 11:45

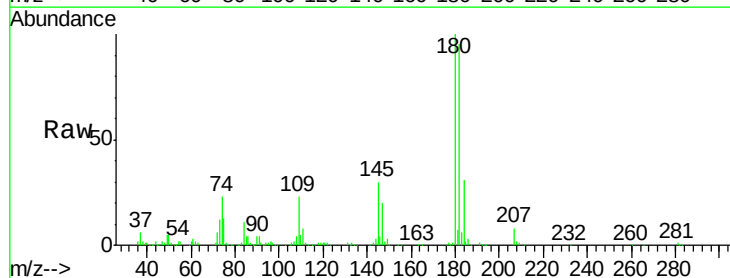
Tgt Ion:180 Resp: 283321

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

145 30.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

