

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072518\
 Data File : VN050039.D
 Acq On : 25 Jul 2018 9:46
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 26 05:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 05:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	143518	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	760108	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	686779	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	286406	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	12.40	95	328766	31.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.87%
63) Toluene-d8	10.09	98	967265	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	1007373	101.856 ug/l	98
3) Chloromethane	2.06	50	1001838	98.249 ug/l	100
4) Vinyl Chloride	2.18	62	1063702	97.980 ug/l	97
5) Bromomethane	2.55	94	637453	96.322 ug/l	99
6) Chloroethane	2.69	64	611584	95.255 ug/l	99
7) Trichlorofluoromethane	3.00	101	1354601	95.489 ug/l	100
8) Diethyl Ether	3.41	74	478488	100.554 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	815154	94.457 ug/l	99
10) 1,1-Dichloroethene	3.73	96	750655	98.101 ug/l	95
11) Methyl Iodide	3.95	142	1189767	105.672 ug/l	99
12) Methyl Acetate	4.33	43	884528	100.913 ug/l	99
13) Acrolein	3.61	56	249905	461.329 ug/l	96
14) Acrylonitrile	4.99	53	1532990	524.125 ug/l	99
15) Acetone	3.82	58	382943	492.648 ug/l	100
16) Carbon Disulfide	4.05	76	2277116	97.242 ug/l	100
17) Allyl chloride	4.32	41	1243860	102.932 ug/l	99
18) Methylene Chloride	4.55	84	850957	96.373 ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	812707	99.205 ug/l	97
20) Diisopropyl ether	5.96	45	2569101	103.684 ug/l	98
21) 1,1-Dichloroethane	5.85	63	1508261	96.806 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	921561	101.438 ug/l	100
23) tert-Butyl Alcohol	4.80	59	348735	533.338 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	2194715	105.171 ug/l	100
25) Chloroform	7.37	83	1524291	96.645 ug/l	100
26) Cyclohexane	7.65	56	1310640	105.861 ug/l	# 99
29) 1,1-Dichloropropene	7.79	75	1177833	99.848 ug/l	100
30) 2-Butanone	6.84	43	1893242	511.459 ug/l	98
31) 2,2-Dichloropropane	6.83	77	1245120	95.490 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1327455	95.605 ug/l	99
33) Carbon Tetrachloride	7.78	117	1188833	96.051 ug/l	100
34) Benzene	8.04	78	3499171	97.674 ug/l	# 91
35) Methacrylonitrile	7.18	41	431447	102.368 ug/l	97
36) 1,2-Dichloroethane	8.13	62	1112657	94.592 ug/l	99
37) Trichloroethene	8.84	130	908427	96.683 ug/l	99
38) Methylcyclohexane	9.08	83	1290920	103.806 ug/l	98
39) 1,2-Dichloropropane	9.12	63	916447	97.108 ug/l	100
40) Dibromomethane	9.21	93	564924	96.854 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	1192439	96.918	ug/l	99
42) Vinyl Acetate	5.90	43	9209868	528.724	ug/l	100
43) Ethyl Acetate	6.93	43	802103	103.769	ug/l	93
44) Isopropyl Acetate	8.17	43	1446713	101.036	ug/l	100
45) 1,4-Dioxane	9.20	88	200695	2129.970	ug/l	98
46) Methyl methacrylate	9.20	41	742412	106.954	ug/l	99
47) n-amyl Acetate	12.07	43	1270744	114.050	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	1266436	103.823	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	1414690	102.665	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	809113	96.641	ug/l	98
51) Ethyl methacrylate	10.43	69	1113260	109.551	ug/l	99
52) 1,3-Dichloropropane	10.71	76	1364545	99.251	ug/l	99
53) Dibromochloromethane	10.90	129	943319	99.281	ug/l	99
54) 1,2-Dibromoethane	11.01	107	829001	101.101	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	2544548	553.265	ug/l	100
56) Bromoform	12.13	173	686457	102.316	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	4147826	519.040	ug/l	99
59) 2-Hexanone	10.75	43	2891076	530.293	ug/l	99
61) Tetrachloroethene	10.63	164	857994	92.234	ug/l	96
62) Toluene	10.16	91	3804838	97.103	ug/l	100
64) Chlorobenzene	11.44	112	2347132	98.782	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	898852	96.987	ug/l	99
66) Ethyl Benzene	11.51	91	4184044	104.489	ug/l	99
67) m/p-Xylenes	11.62	106	3177671	206.207	ug/l	100
68) o-Xylene	11.95	106	1532058	104.493	ug/l	100
69) Styrene	11.97	104	2511446	106.850	ug/l	100
70) Isopropylbenzene	12.25	105	4086281	104.646	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	1058871	98.765	ug/l	98
72) 1,2,3-Trichloropropane	12.56	75	1346184	156.373	ug/l	49
73) Bromobenzene	12.53	156	1048914	100.838	ug/l	98
74) n-propylbenzene	12.59	91	4741985	104.270	ug/l	100
75) 2-Chlorotoluene	12.68	91	2773089	101.521	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	3327959	103.765	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	329578	110.089	ug/l	97
78) 4-Chlorotoluene	12.78	91	2806087	103.667	ug/l	100
79) tert-butylbenzene	12.99	119	2858520	104.248	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	3384825	104.166	ug/l	100
81) sec-Butylbenzene	13.17	105	3852568	103.427	ug/l	100
82) p-Isopropyltoluene	13.29	119	3396574	106.869	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	1851717	102.234	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	1786660	104.384	ug/l	99
85) n-Butylbenzene	13.62	91	2858753	110.832	ug/l	99
86) Hexachloroethane	13.88	117	628077	98.891	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	1795740	101.429	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	170542	102.111	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	999920	118.246	ug/l	99
90) Hexachlorobutadiene	15.01	225	535620	96.068	ug/l	98
91) Naphthalene	15.14	128	2387775	97.735	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	978670	113.798	ug/l	99

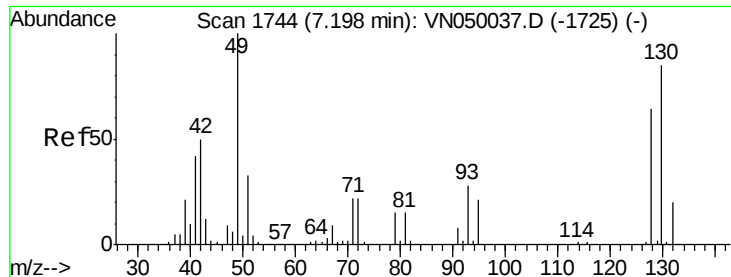
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

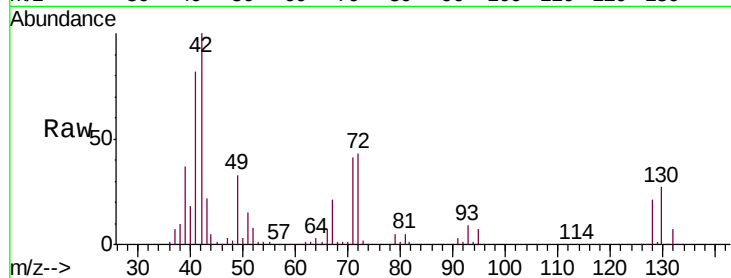
Tgt Ion:128 Resp: 143518

Ion Ratio Lower Upper

128 100

49 159.0 0.0 378.3

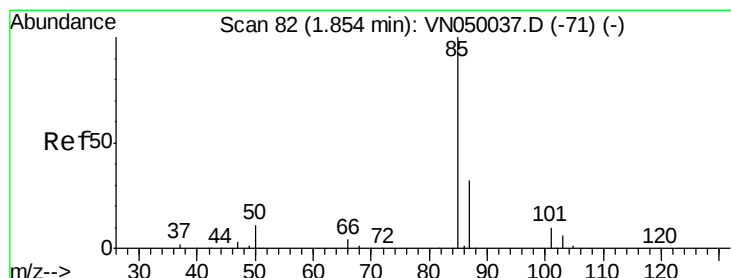
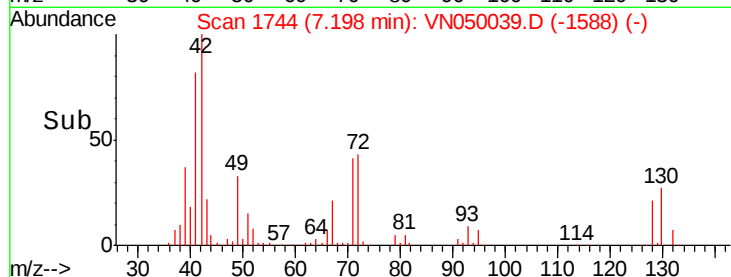
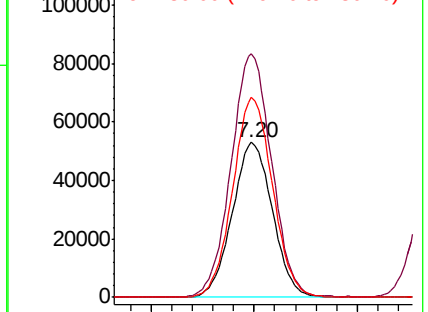
130 128.3 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 101.856 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050039.D

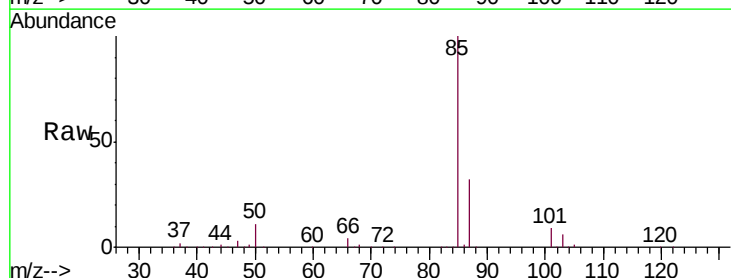
Acq: 25 Jul 2018 9:46

Tgt Ion: 85 Resp: 1007373

Ion Ratio Lower Upper

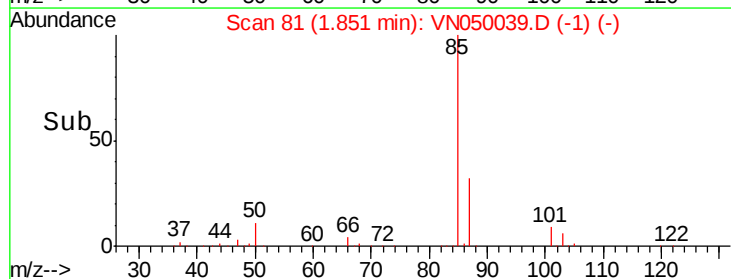
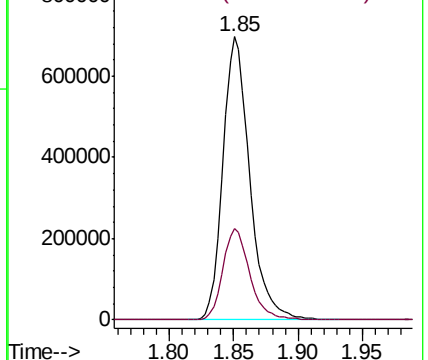
85 100

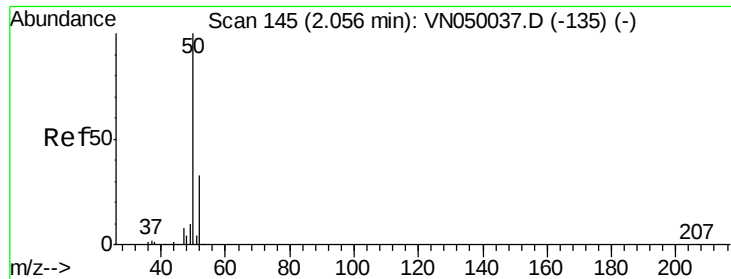
87 32.3 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 98.249 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

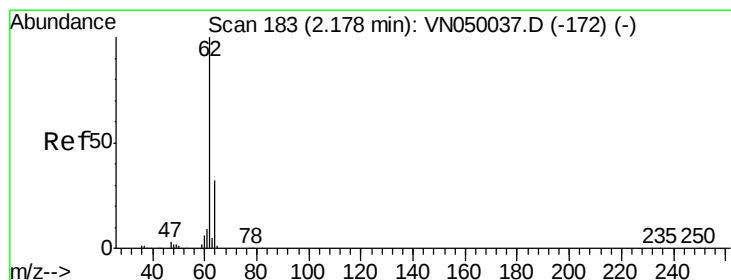
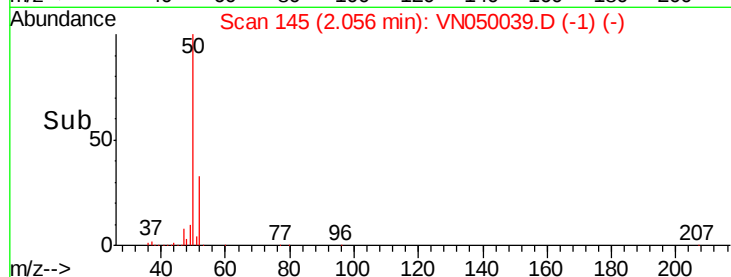
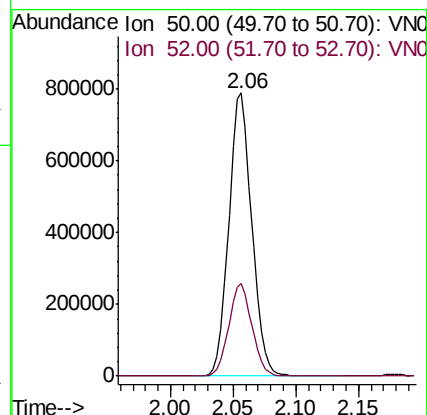
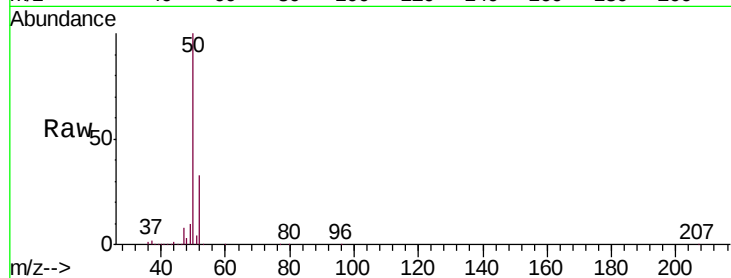
VSTDICC100

Tgt Ion: 50 Resp: 1001838

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 97.980 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050039.D

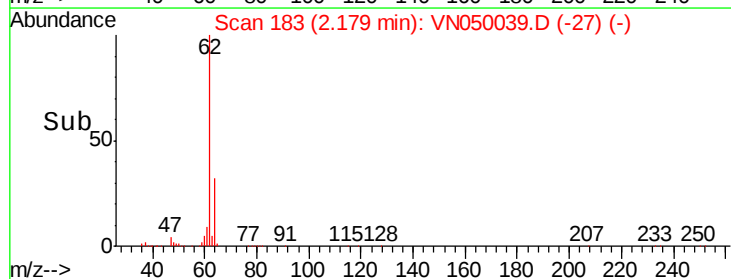
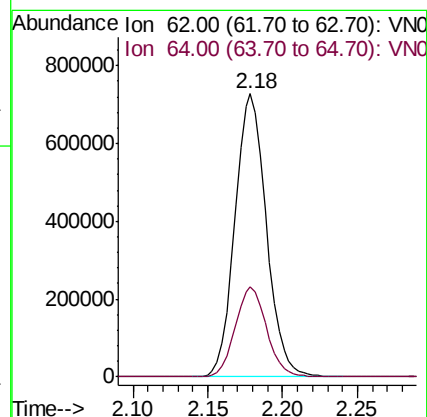
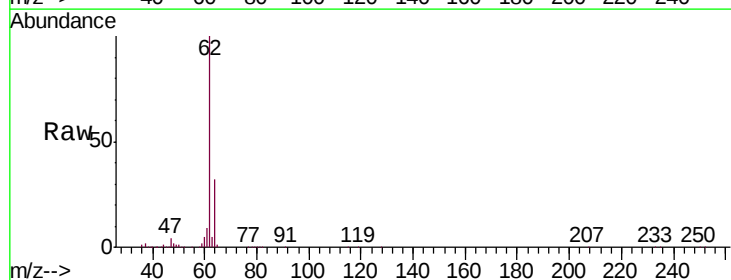
Acq: 25 Jul 2018 9:46

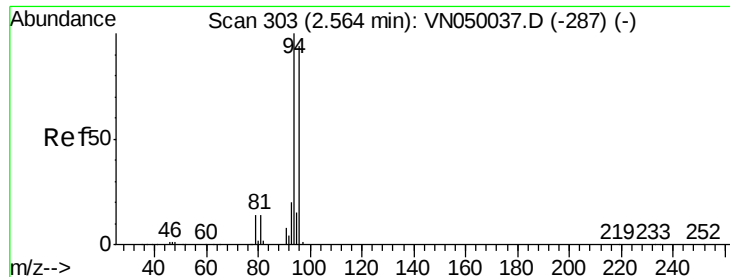
Tgt Ion: 62 Resp: 1063702

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6





#5

Bromomethane

Concen: 96.322 ug/l

RT: 2.55 min Scan# 297

Delta R.T. -0.02 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

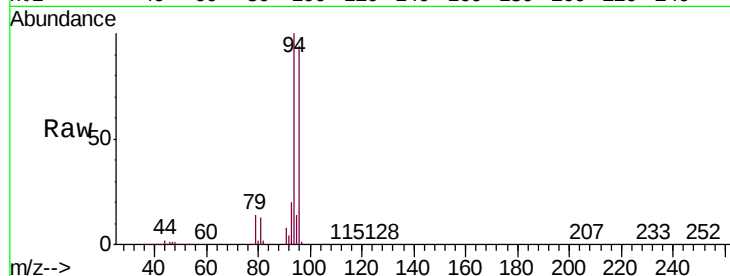
VSTDIC100

Tgt Ion: 94 Resp: 637453

Ion Ratio Lower Upper

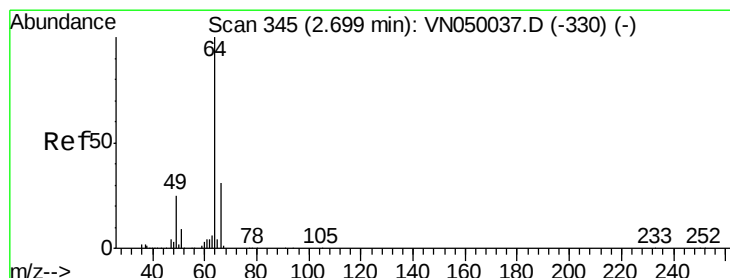
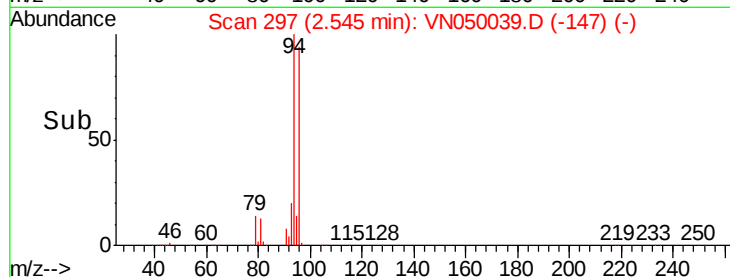
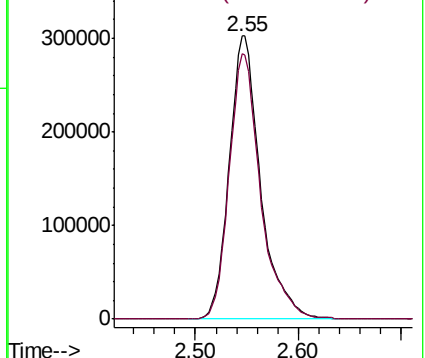
94 100

96 93.7 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 95.255 ug/l

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN050039.D

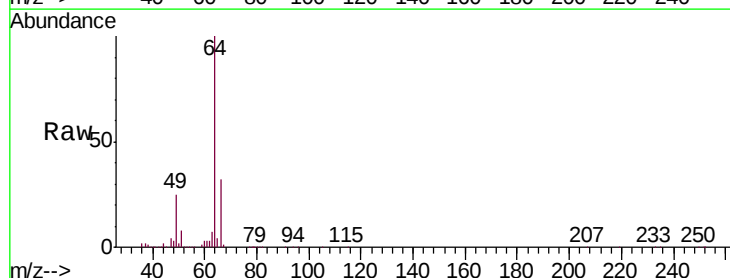
Acq: 25 Jul 2018 9:46

Tgt Ion: 64 Resp: 611584

Ion Ratio Lower Upper

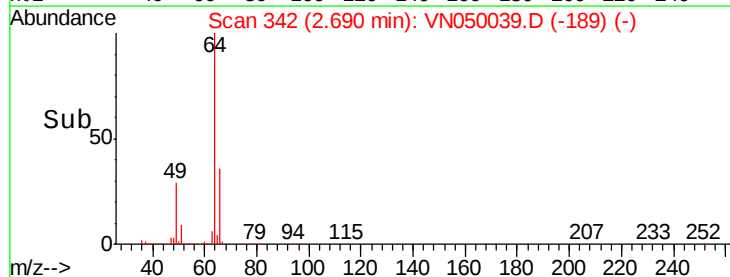
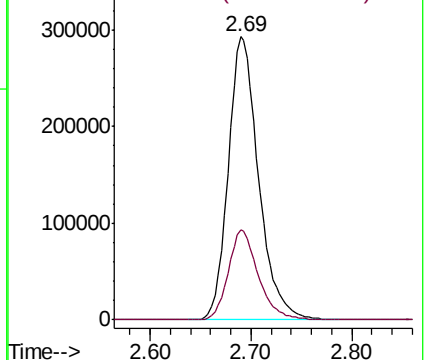
64 100

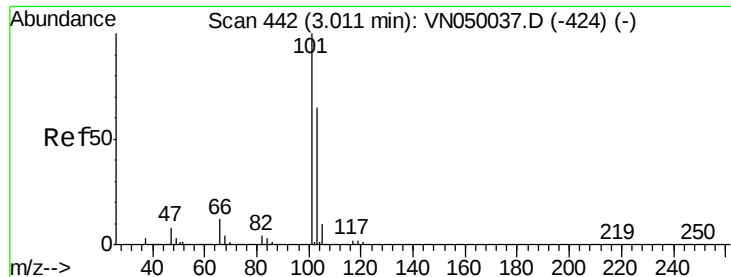
66 31.8 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



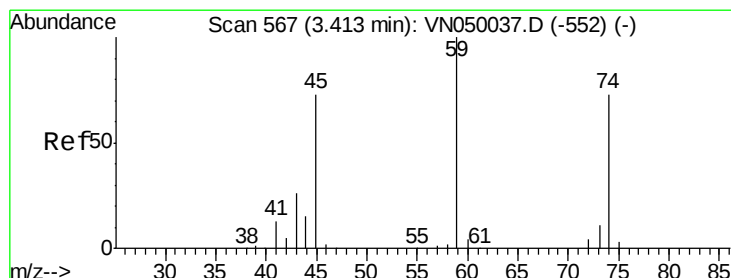
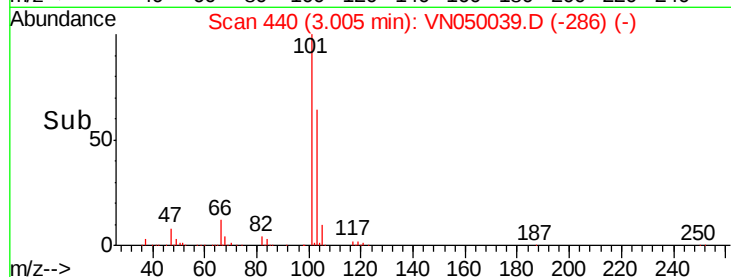
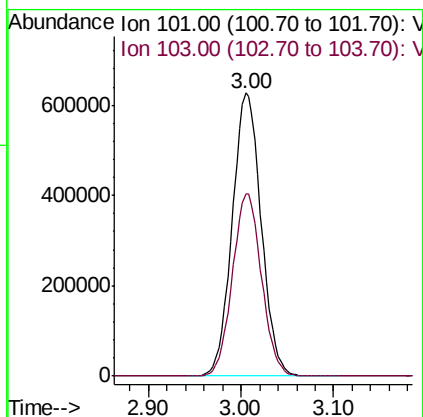
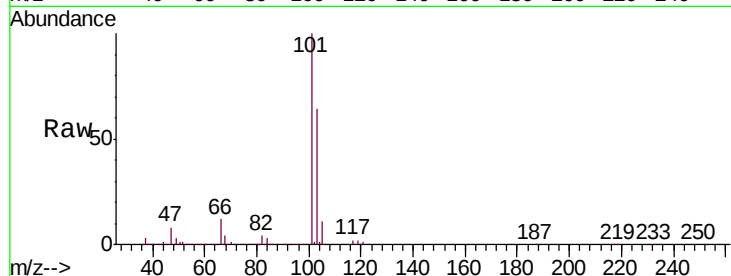


#7

Trichlorofluoromethane
Concen: 95.489 ug/l
RT: 3.00 min Scan# 440
Delta R.T. -0.01 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Instrument :
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ClientSampleId :
VSTDIC100

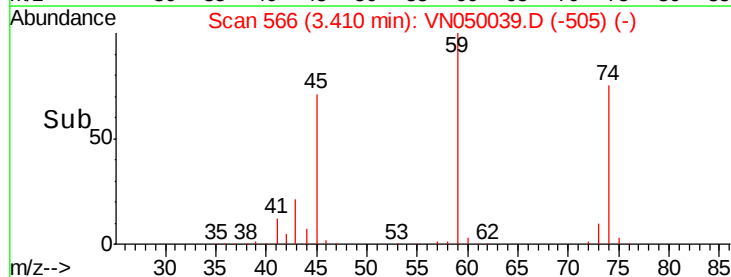
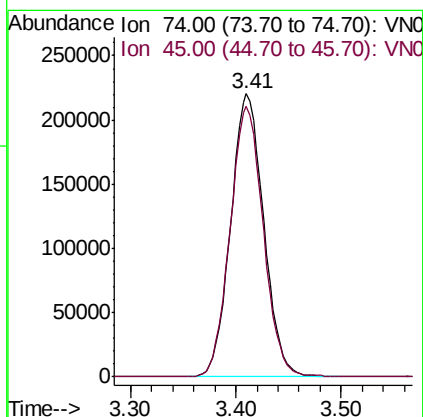
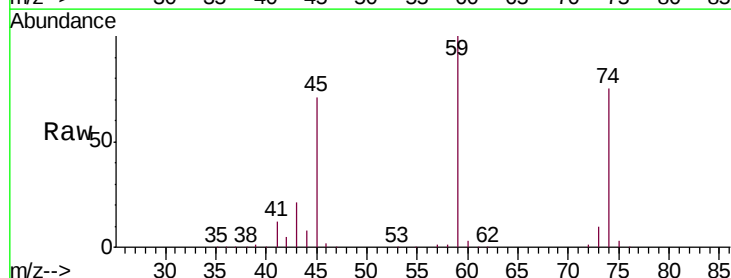
Tgt Ion:101 Resp: 1354601
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

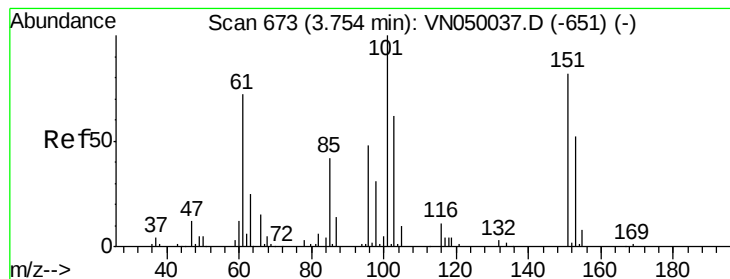


#8

Diethyl Ether
Concen: 100.554 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 74 Resp: 478488
Ion Ratio Lower Upper
74 100
45 95.8 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.457 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

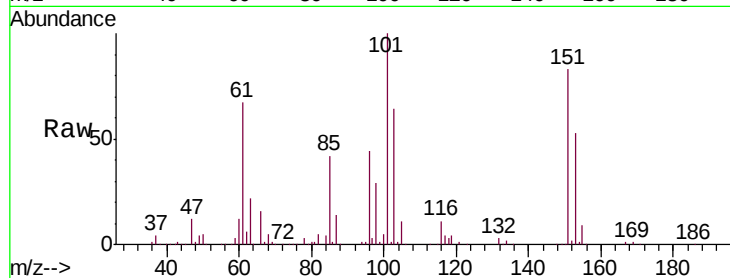
Tgt Ion: 101 Resp: 815154

Ion Ratio Lower Upper

101 100

85 42.3 0.0 83.0

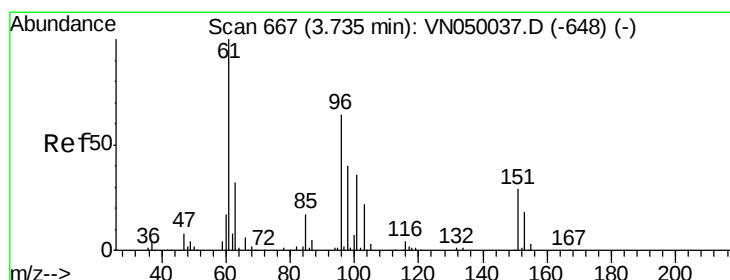
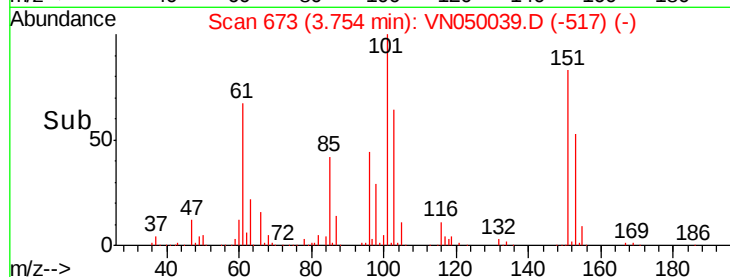
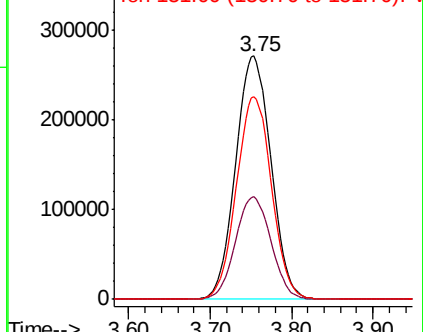
151 82.7 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 98.101 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

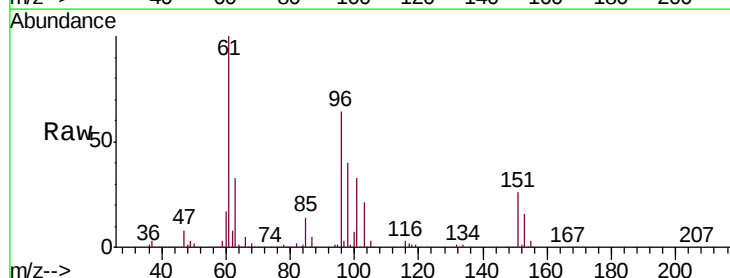
Tgt Ion: 96 Resp: 750655

Ion Ratio Lower Upper

96 100

61 156.4 130.6 195.8

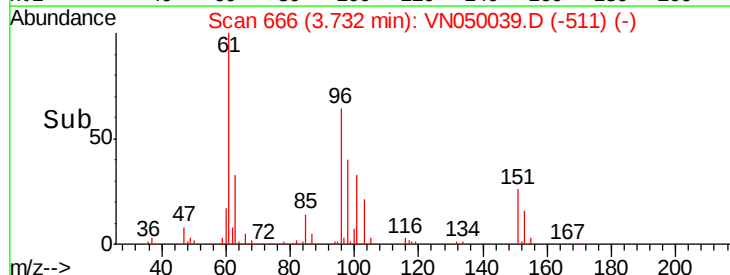
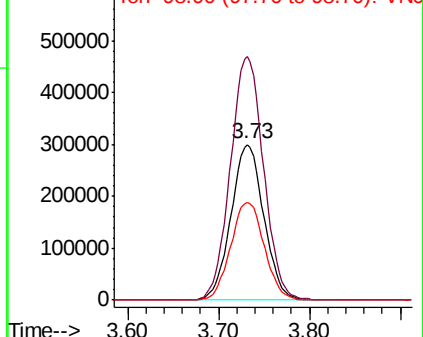
98 63.0 53.5 80.3



Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

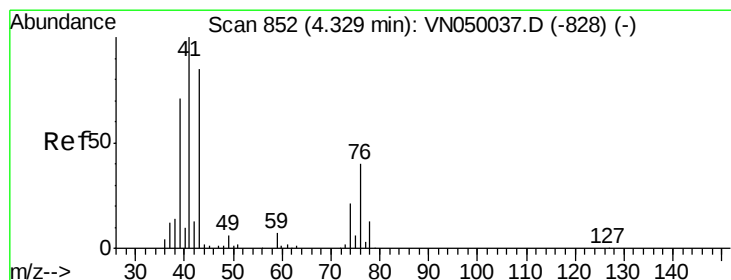
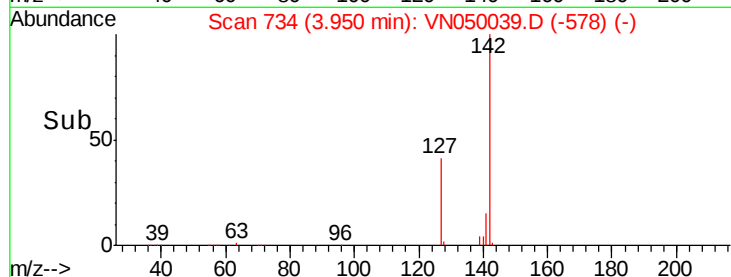
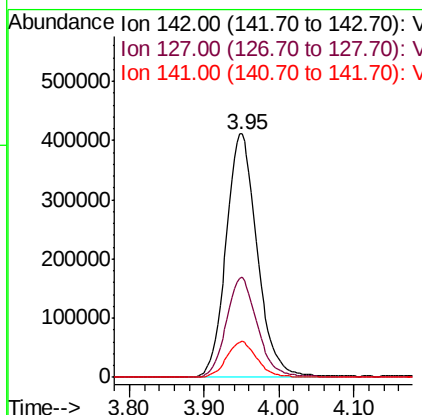
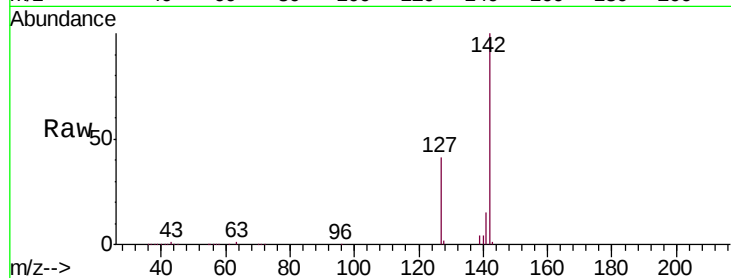




#11
Methyl Iodide
Concen: 105.672 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

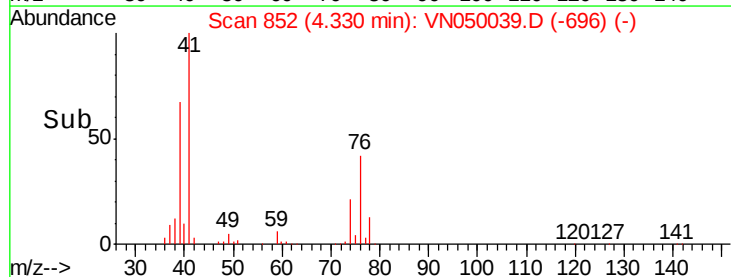
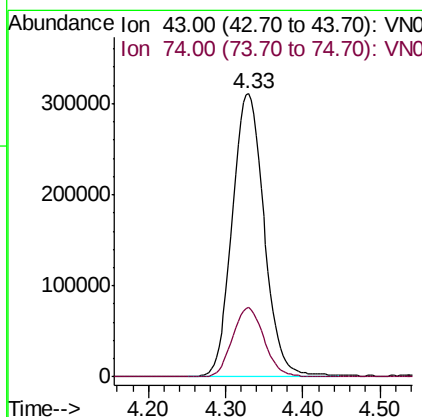
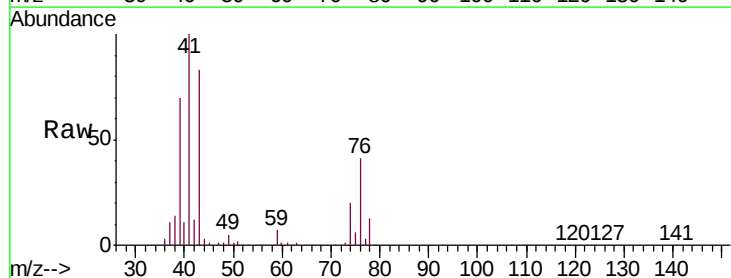
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

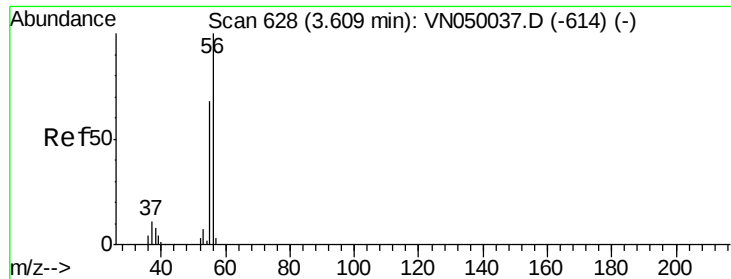
Tgt Ion:142 Resp: 1189767
Ion Ratio Lower Upper
142 100
127 41.0 20.2 60.5
141 14.7 6.9 20.6



#12
Methyl Acetate
Concen: 100.913 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 43 Resp: 884528
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9





#13

Acrolein

Concen: 461.329 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

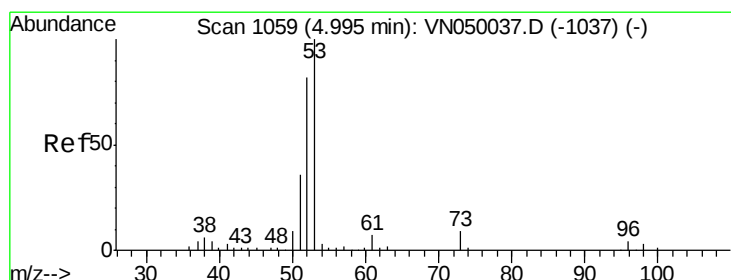
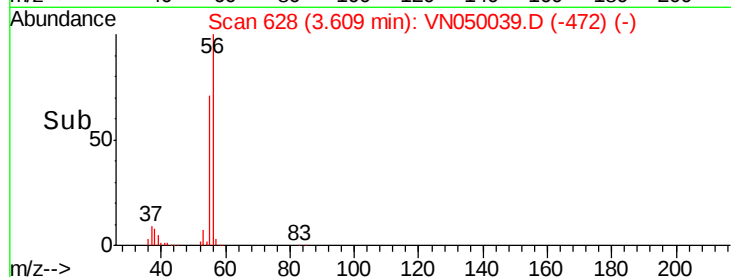
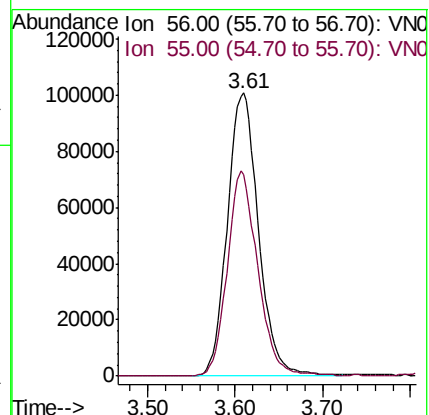
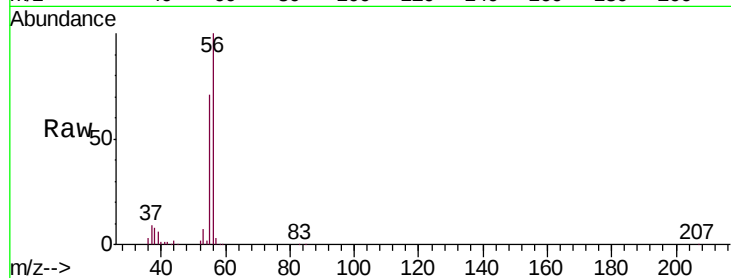
VSTDIC100

Tgt Ion: 56 Resp: 249905

Ion Ratio Lower Upper

56 100

55 70.2 58.6 88.0



#14

Acrylonitrile

Concen: 524.125 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

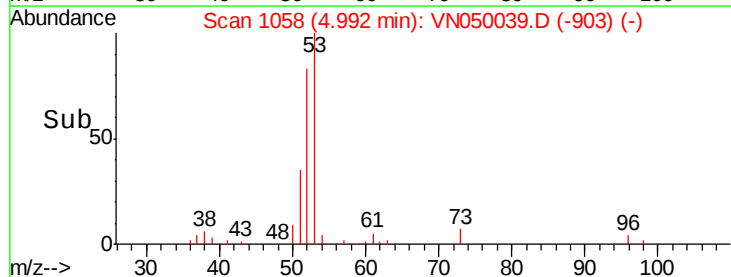
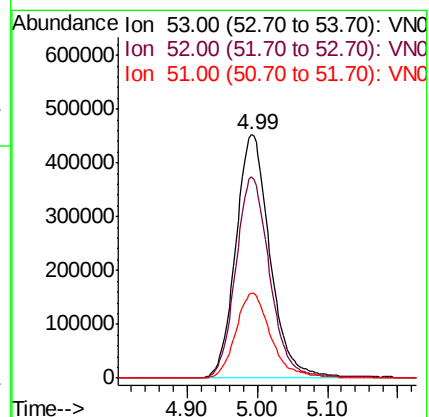
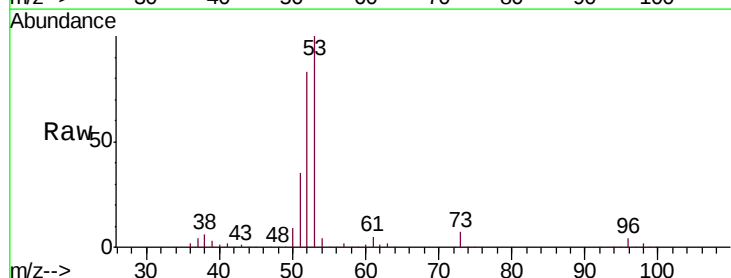
Tgt Ion: 53 Resp: 1532990

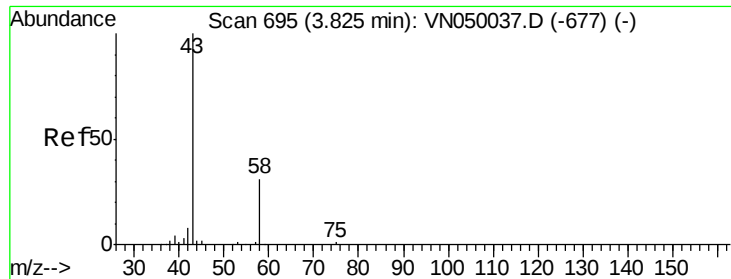
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.5

51 36.0 18.7 56.1





#15

Acetone

Concen: 492.648 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

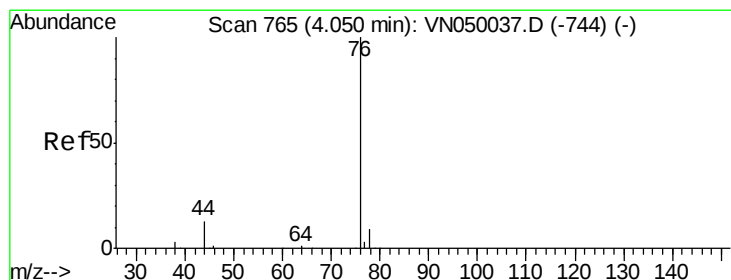
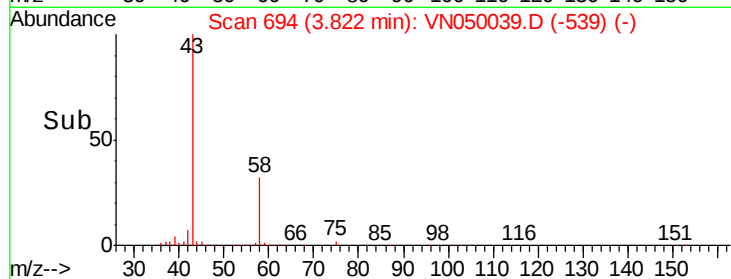
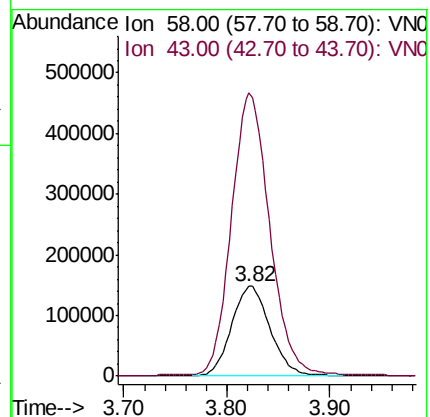
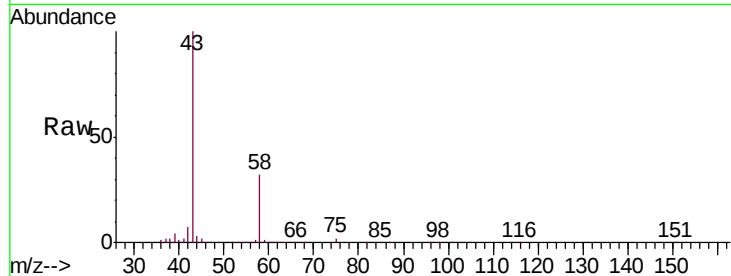
VSTDIC100

Tgt Ion: 58 Resp: 382943

Ion Ratio Lower Upper

58 100

43 314.0 252.0 378.0



#16

Carbon Disulfide

Concen: 97.242 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050039.D

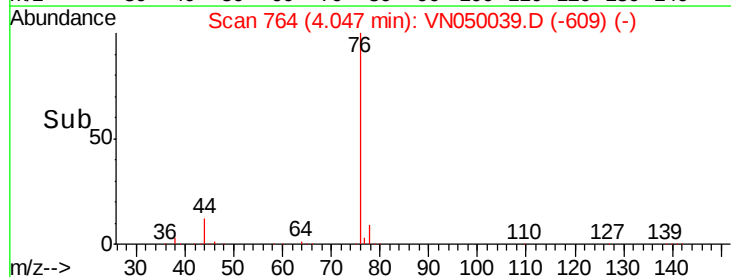
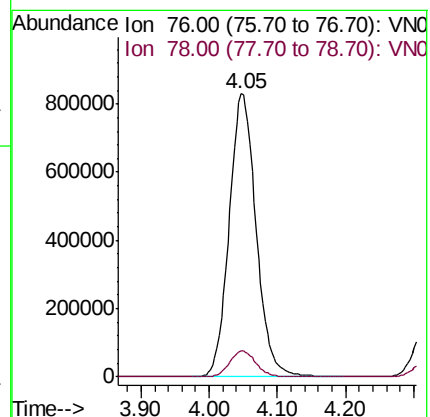
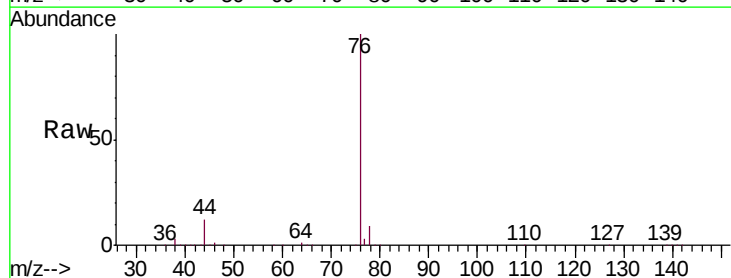
Acq: 25 Jul 2018 9:46

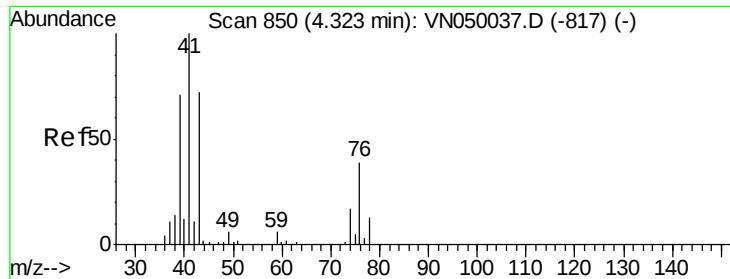
Tgt Ion: 76 Resp: 2277116

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

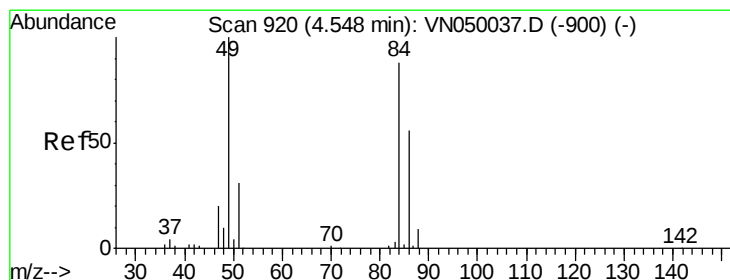
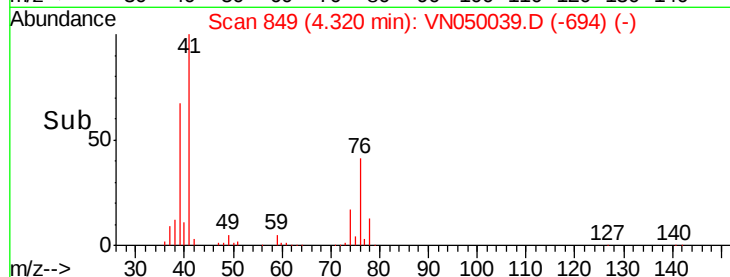
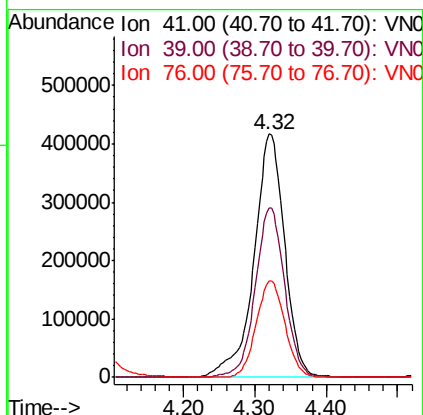
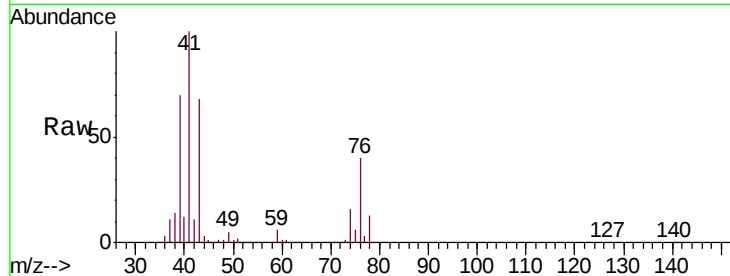




#17
 Allyl chloride
 Concen: 102.932 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

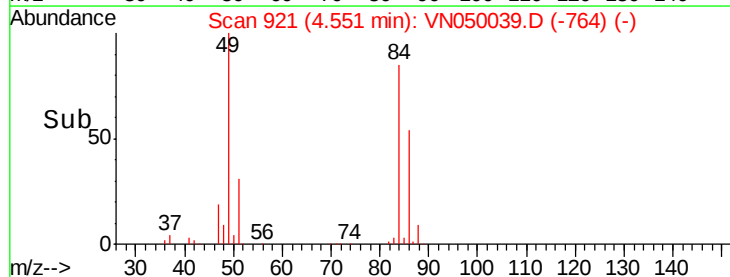
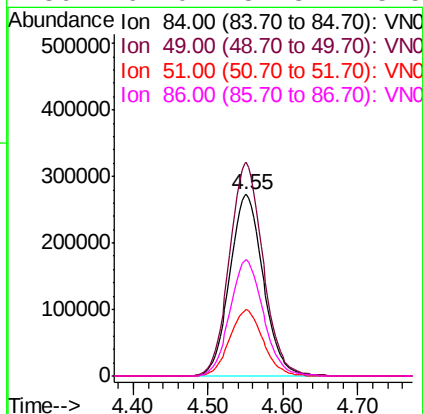
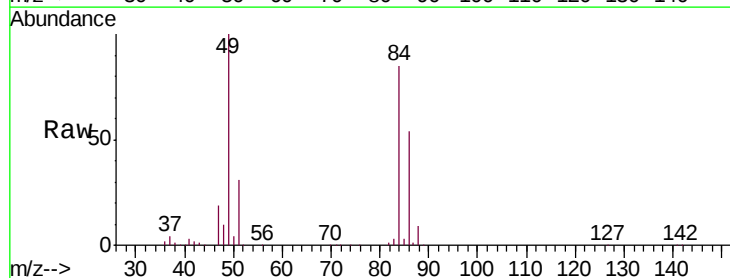
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

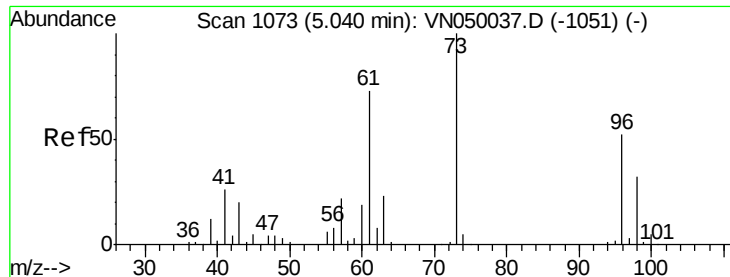
Tgt Ion: 41 Resp: 1243860
 Ion Ratio Lower Upper
 41 100
 39 69.6 35.4 106.3
 76 39.5 19.7 59.1



#18
 Methylene Chloride
 Concen: 96.373 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

Tgt Ion: 84 Resp: 850957
 Ion Ratio Lower Upper
 84 100
 49 117.5 95.1 142.7
 51 36.6 28.8 43.2
 86 64.0 52.3 78.5





#19

trans-1,2-Dichloroethene

Concen: 99.205 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

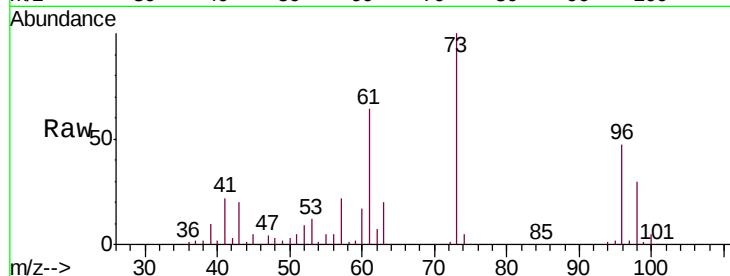
Tgt Ion: 96 Resp: 812707

Ion Ratio Lower Upper

96 100

61 135.8 112.1 168.1

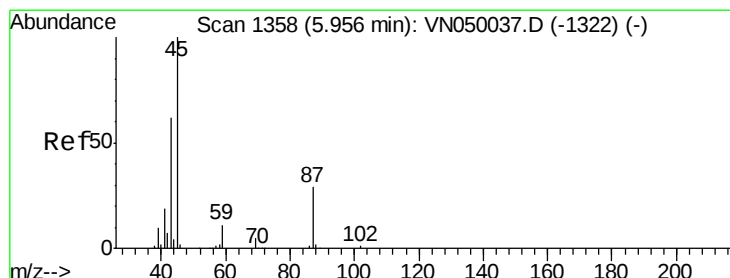
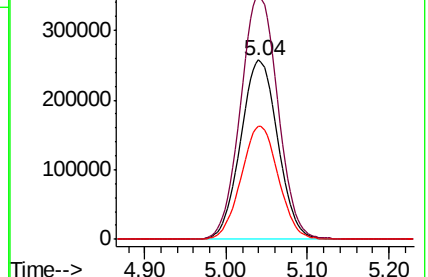
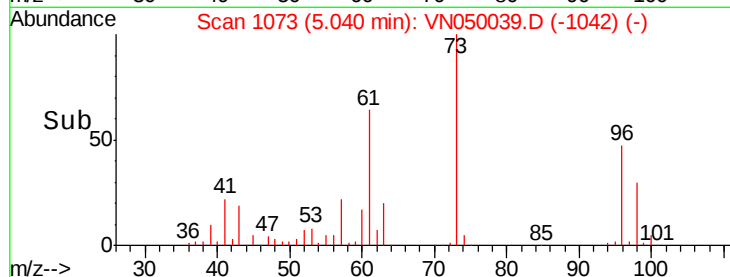
98 63.1 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN050039.D (-1042) (-)

Ion 61.00 (60.70 to 61.70): VN050039.D (-1042) (-)

Ion 98.00 (97.70 to 98.70): VN050039.D (-1042) (-)



#20

Diisopropyl ether

Concen: 103.684 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Tgt Ion: 45 Resp: 2569101

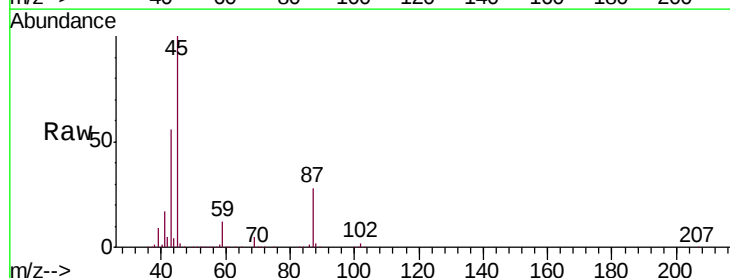
Ion Ratio Lower Upper

45 100

43 55.7 46.6 70.0

87 28.0 22.3 33.5

59 11.9 9.5 14.3

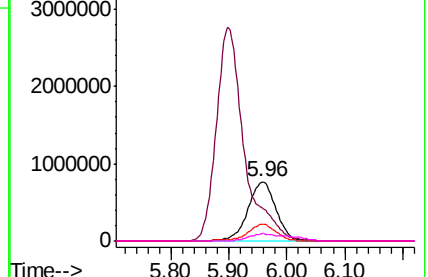
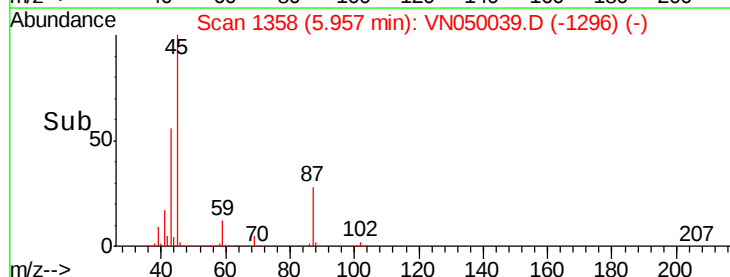


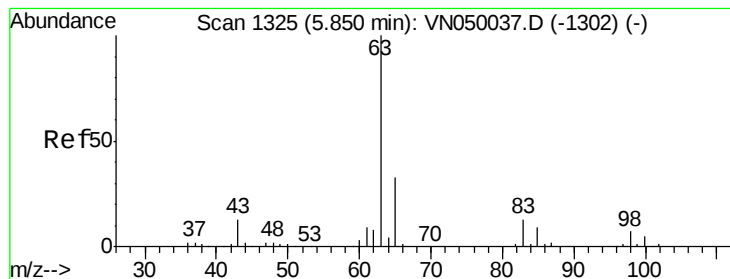
Abundance Ion 45.00 (44.70 to 45.70): VN050039.D (-1296) (-)

Ion 43.00 (42.70 to 43.70): VN050039.D (-1296) (-)

Ion 87.00 (86.70 to 87.70): VN050039.D (-1296) (-)

Ion 59.00 (58.70 to 59.70): VN050039.D (-1296) (-)





#21

1,1-Dichloroethane

Concen: 96.806 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

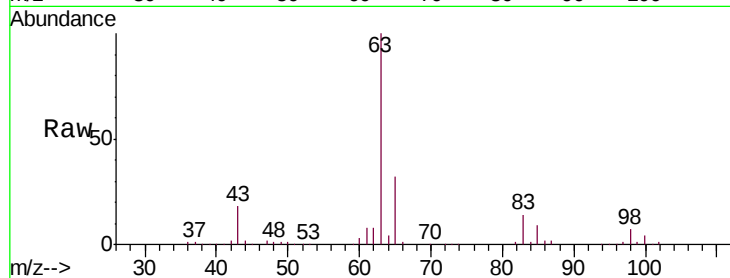
Tgt Ion: 63 Resp: 1508261

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

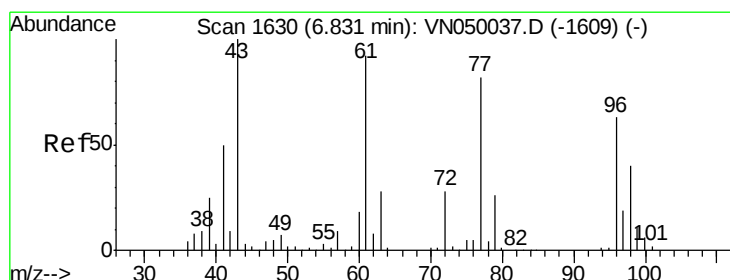
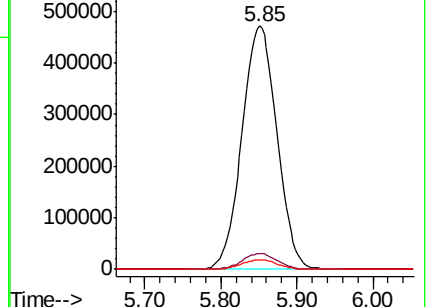
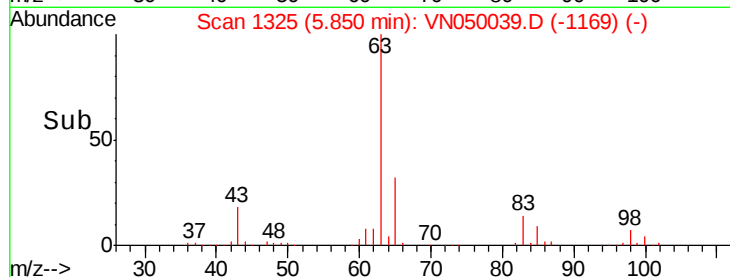
100 4.1 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN050039.D (-1169) (-)

Ion 98.00 (97.70 to 98.70): VN050039.D (-1169) (-)

Ion 100.00 (99.70 to 100.70): VN050039.D (-1169) (-)



#22

cis-1,2-Dichloroethene

Concen: 101.438 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

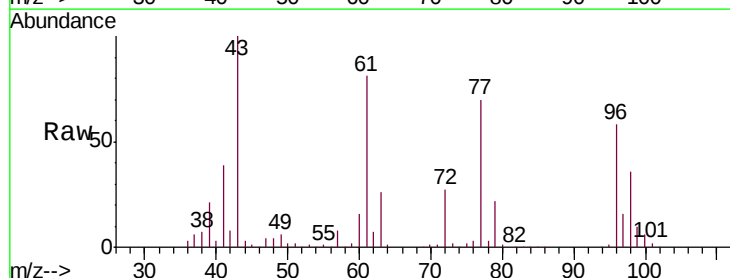
Tgt Ion: 96 Resp: 921561

Ion Ratio Lower Upper

96 100

61 142.6 114.2 171.2

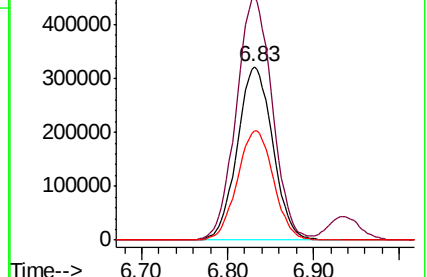
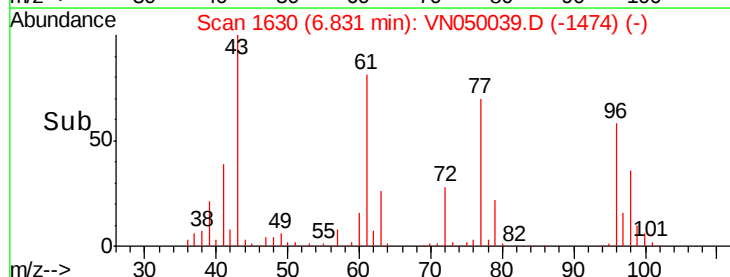
98 64.4 51.7 77.5

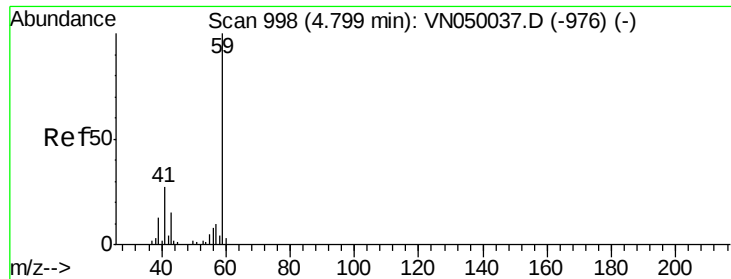


Abundance Ion 96.00 (95.70 to 96.70): VN050039.D (-1474) (-)

Ion 61.00 (60.70 to 61.70): VN050039.D (-1474) (-)

Ion 98.00 (97.70 to 98.70): VN050039.D (-1474) (-)





#23

tert-Butyl Alcohol

Concen: 533.338 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

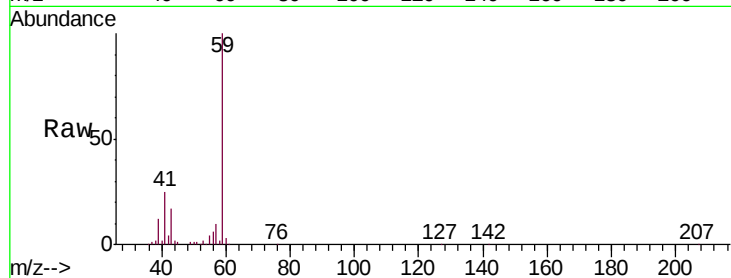
VSTDIC100

Tgt Ion: 59 Resp: 348735

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

300000

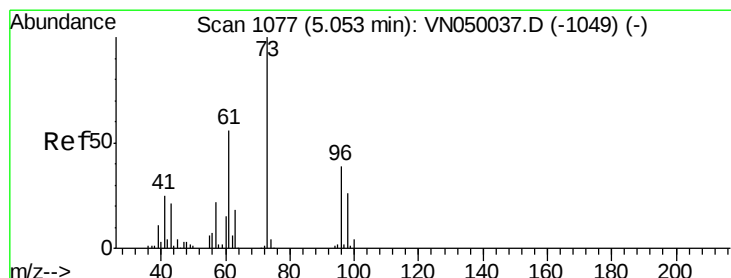
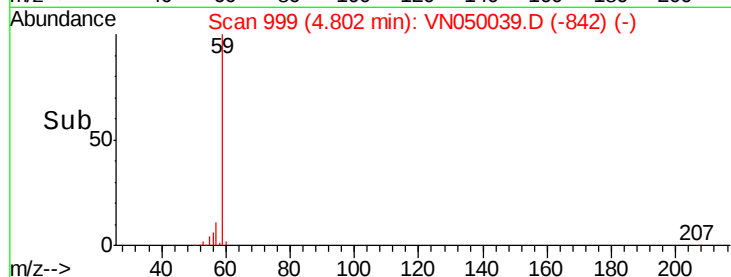
200000

100000

0

4.80

Time-->



#24

Methyl tert-Butyl Ether

Concen: 105.171 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050039.D

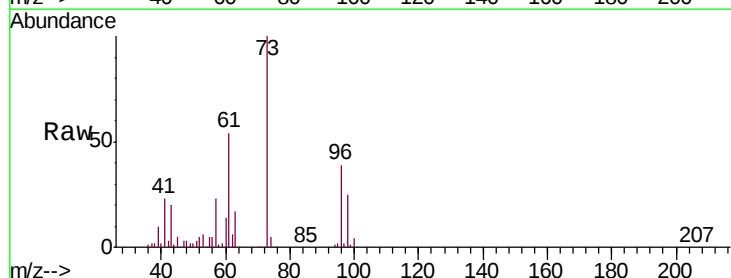
Acq: 25 Jul 2018 9:46

Tgt Ion: 73 Resp: 2194715

Ion Ratio Lower Upper

73 100

43 19.3 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

600000

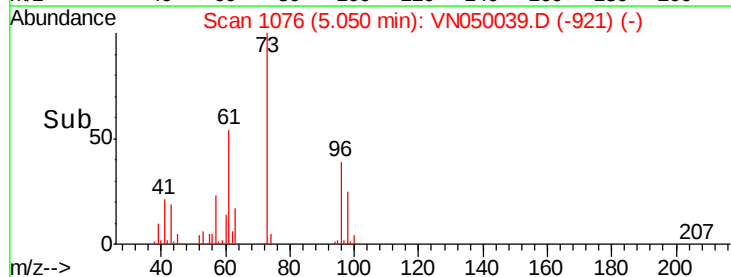
400000

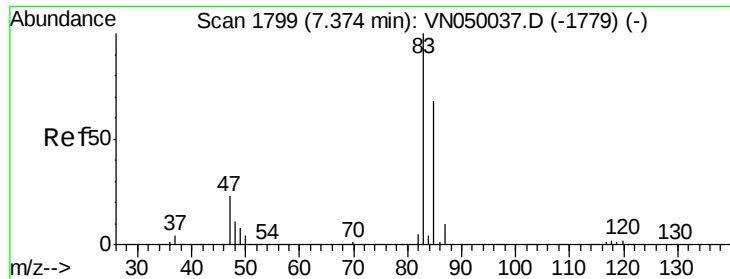
200000

0

5.05

Time-->

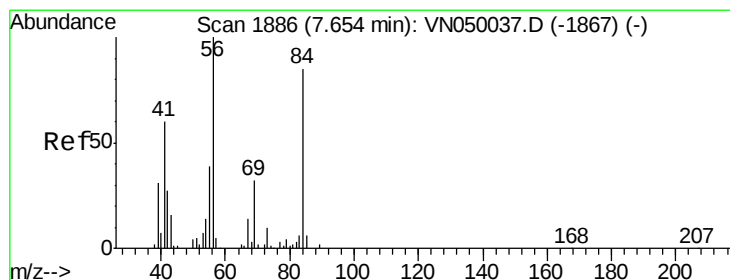
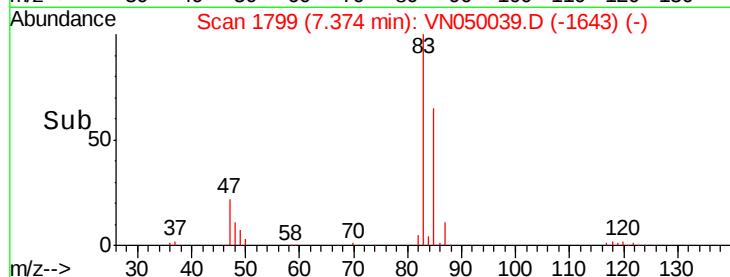
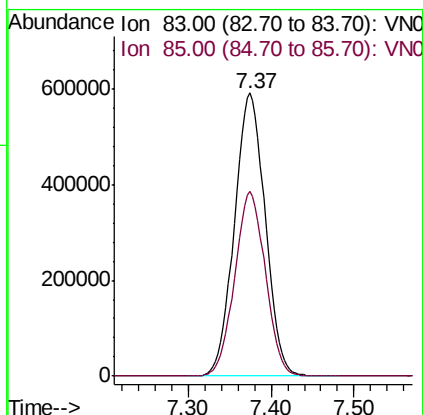
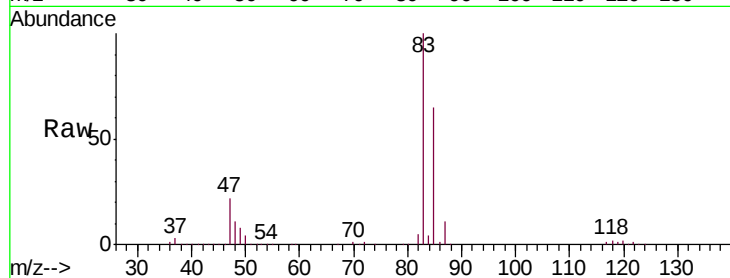




#25
Chloroform
Concen: 96.645 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

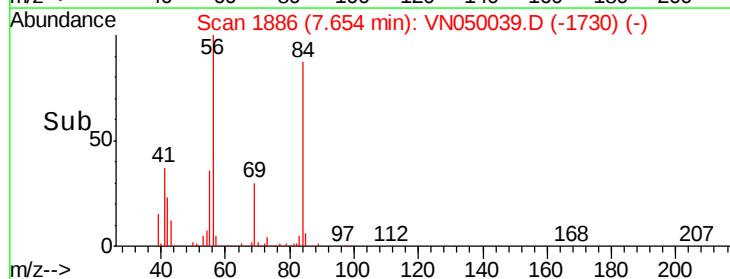
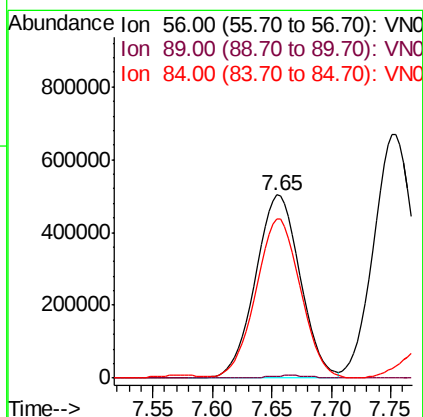
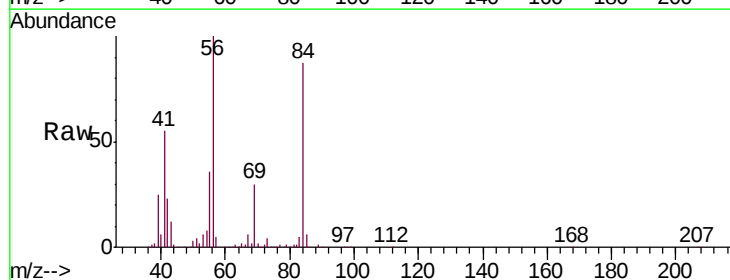
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

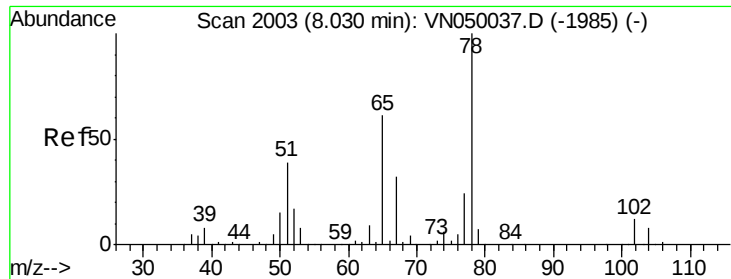
Tgt Ion: 83 Resp: 1524291
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1



#26
Cyclohexane
Concen: 105.861 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 56 Resp: 1310640
Ion Ratio Lower Upper
56 100
89 1.4 3.0 4.4#
84 87.0 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 29.359 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

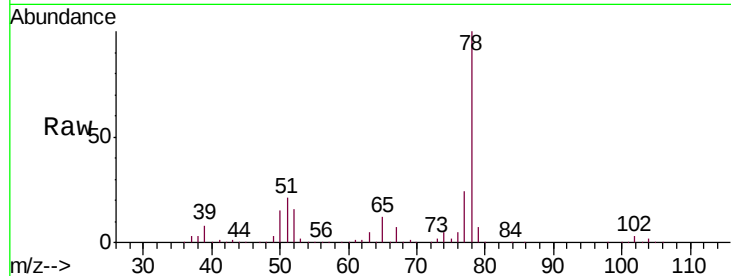
VSTDIC100

Tgt Ion: 65 Resp: 286406

Ion Ratio Lower Upper

65 100

67 54.2 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN050039.D (-2003) (-)

Ion 67.00 (66.70 to 67.70): VN050039.D (-2003) (-)

8.03

150000

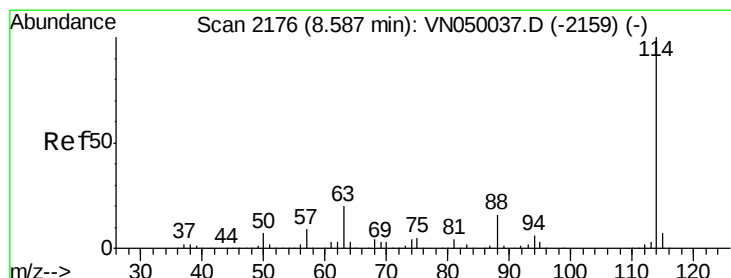
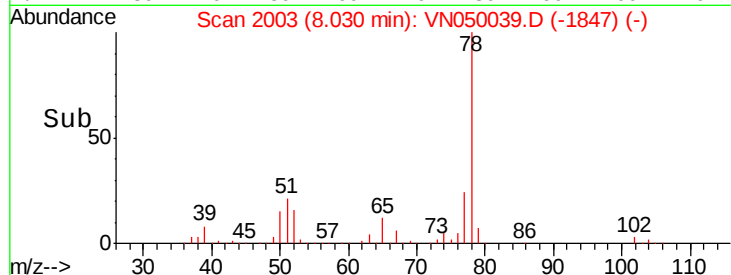
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

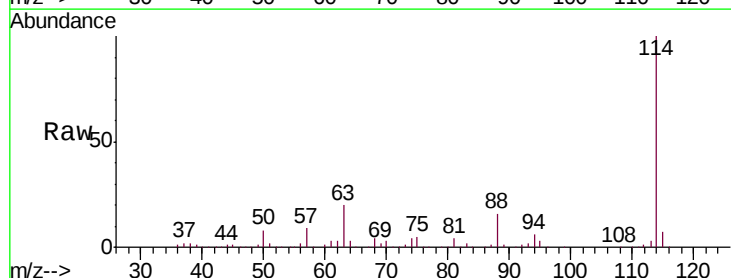
Tgt Ion: 114 Resp: 760108

Ion Ratio Lower Upper

114 100

63 20.0 16.2 24.2

88 15.3 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN050039.D (-2176) (-)

Ion 63.00 (62.70 to 63.70): VN050039.D (-2176) (-)

Ion 88.00 (87.70 to 88.70): VN050039.D (-2176) (-)

8.59

500000

400000

300000

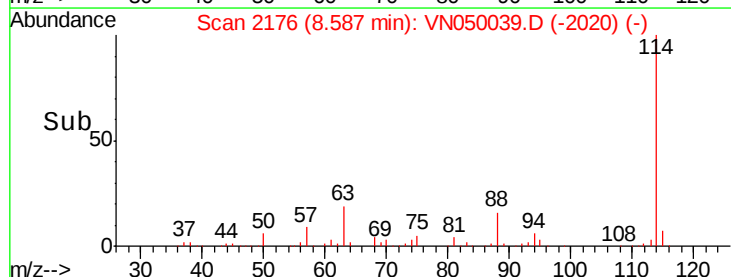
200000

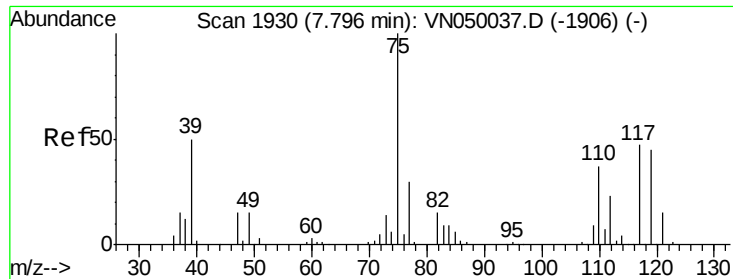
100000

0

8.50 8.60 8.70

Time-->





#29

1,1-Dichloropropene

Concen: 99.848 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

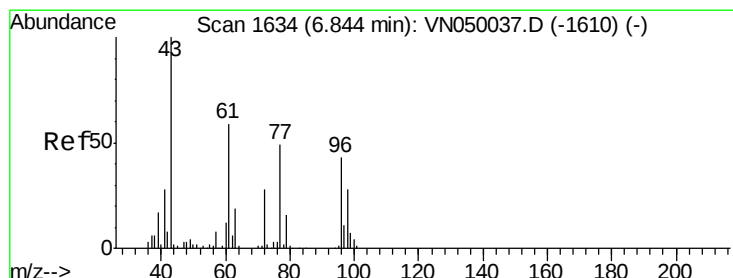
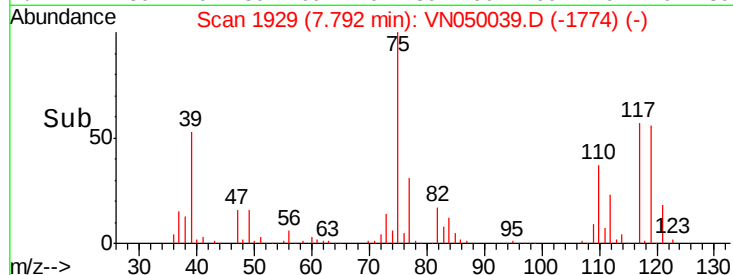
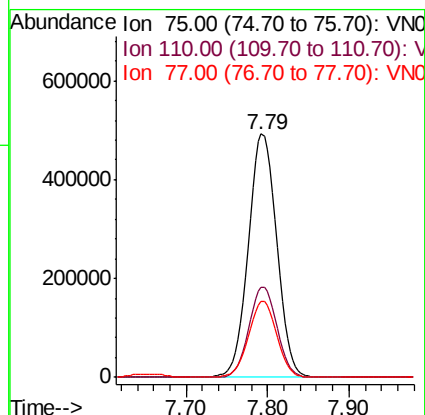
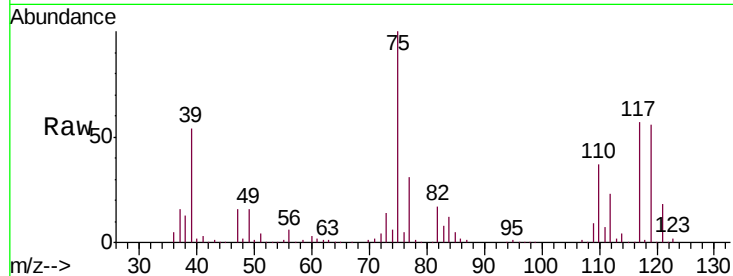
Tgt Ion: 75 Resp: 1177833

Ion Ratio Lower Upper

75 100

110 36.5 0.0 73.2

77 30.9 0.0 62.0



#30

2-Butanone

Concen: 511.459 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

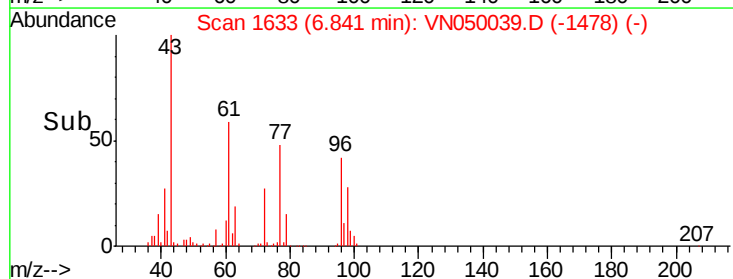
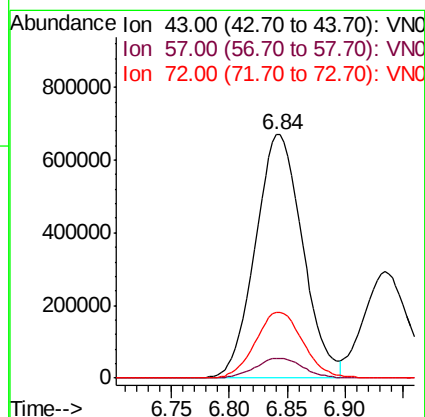
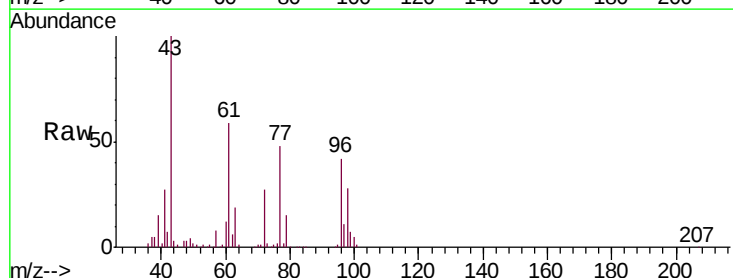
Tgt Ion: 43 Resp: 1893242

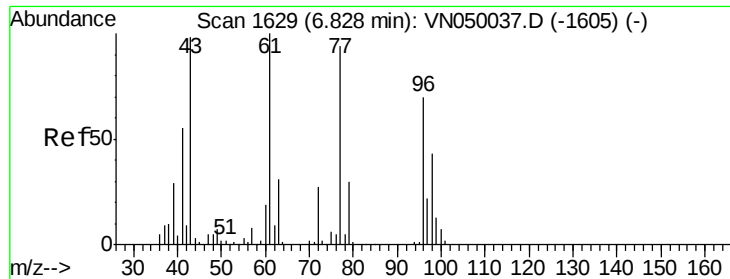
Ion Ratio Lower Upper

43 100

57 8.3 6.8 10.2

72 27.7 21.4 32.0





#31

2,2-Dichloropropane

Concen: 95.490 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

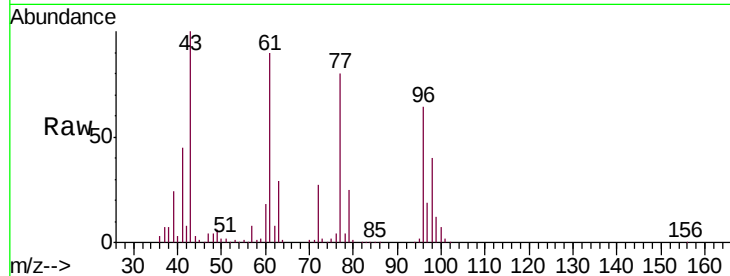
VSTDIC100

Tgt Ion: 77 Resp: 1245120

Ion Ratio Lower Upper

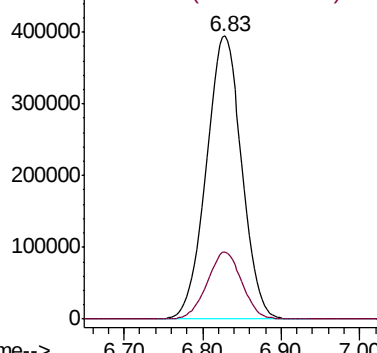
77 100

97 23.4 18.9 28.3

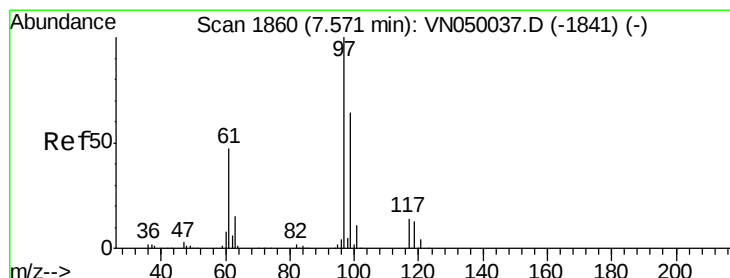
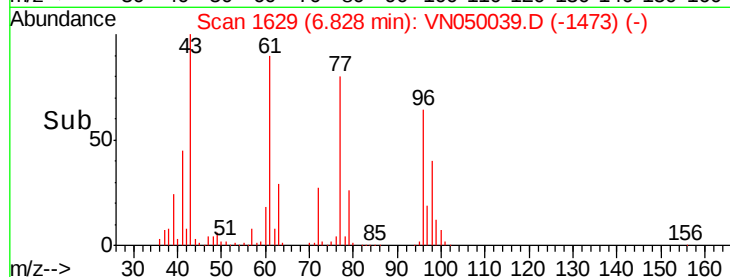


Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



Time-->



#32

1,1,1-Trichloroethane

Concen: 95.605 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

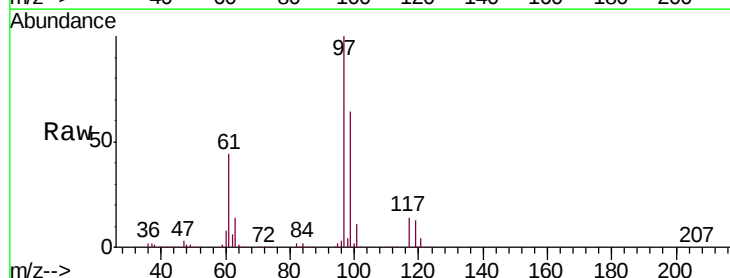
Tgt Ion: 97 Resp: 1327455

Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

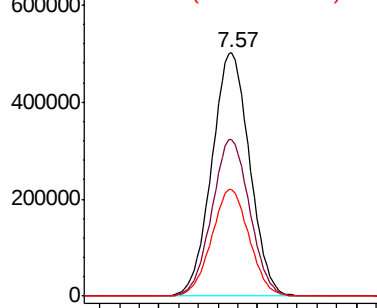
61 43.7 35.3 52.9



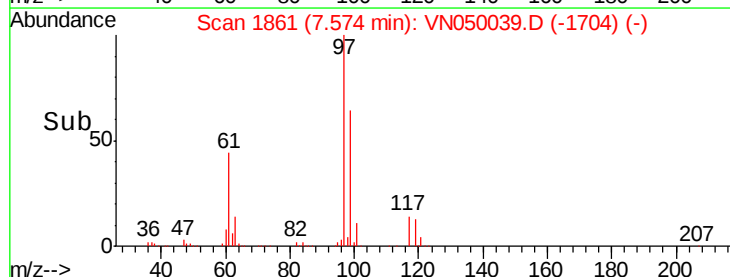
Abundance Ion 97.00 (96.70 to 97.70): VN0

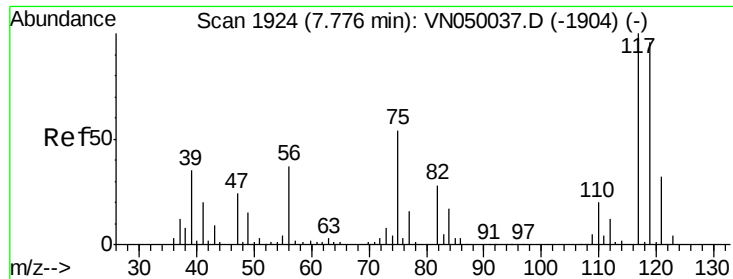
Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#33

Carbon Tetrachloride

Concen: 96.051 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

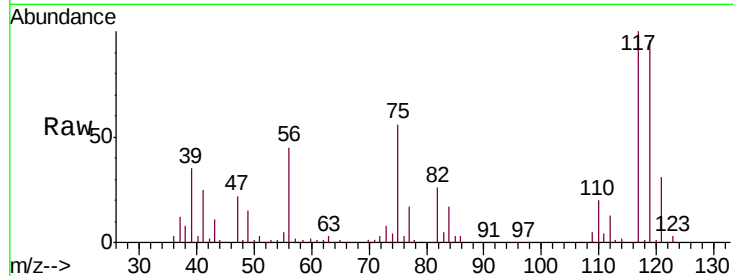
Tgt Ion:117 Resp: 1188833

Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

121 30.7 24.4 36.6

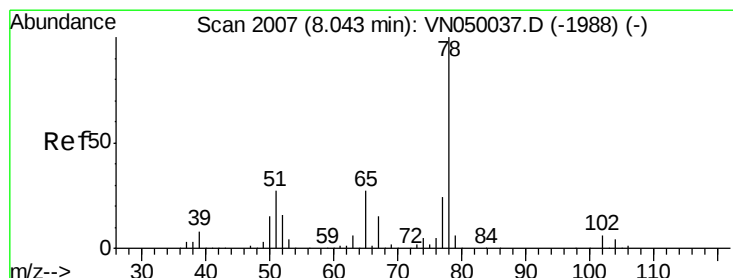
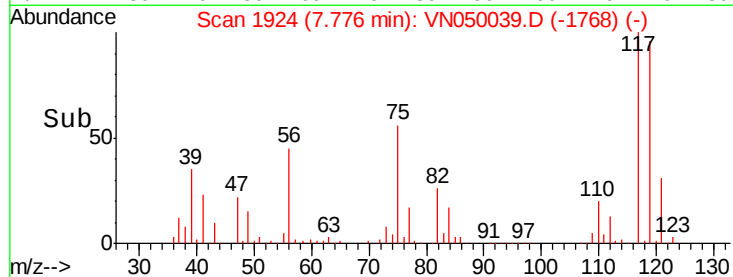
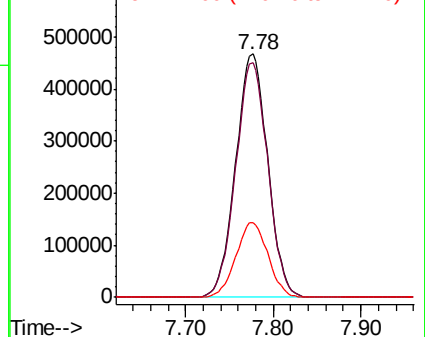


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 97.674 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

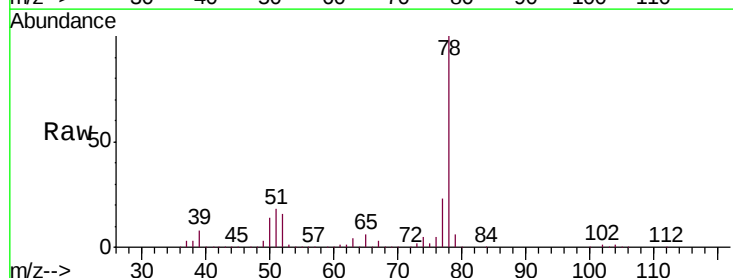
Tgt Ion: 78 Resp: 3499171

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

51 17.7 21.0 31.4#

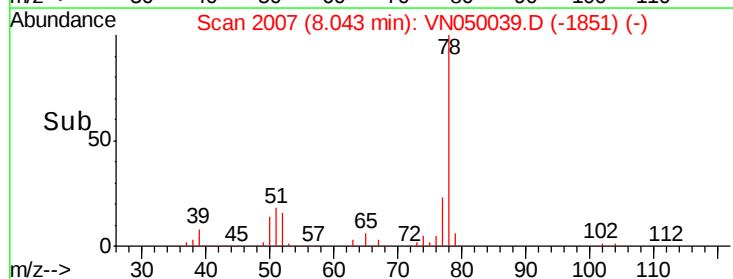
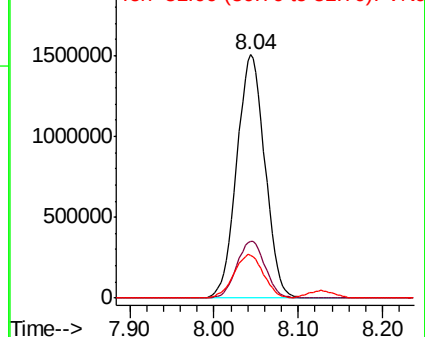


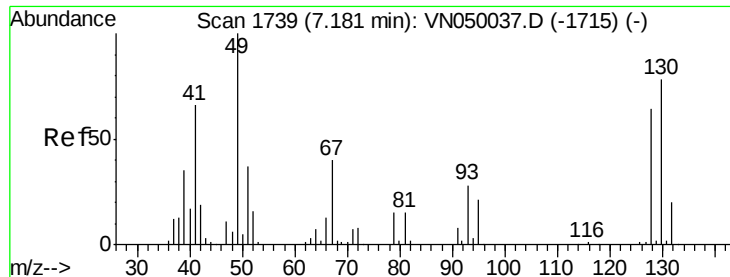
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

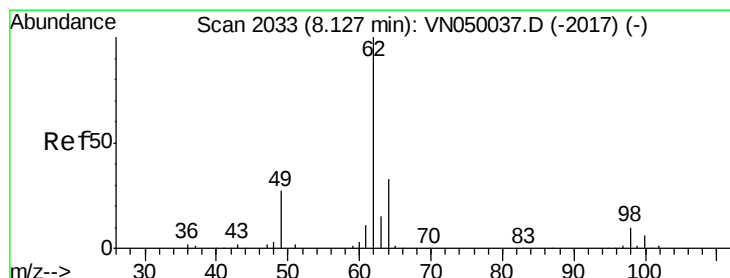
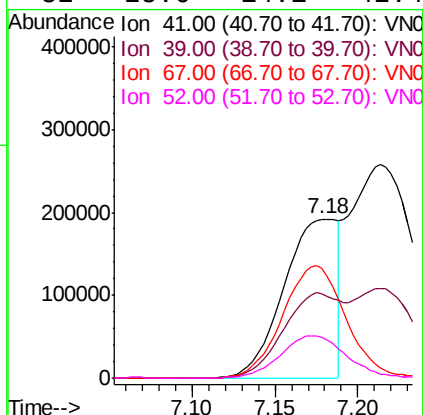
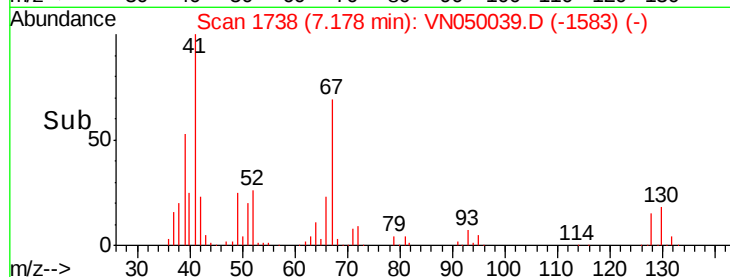
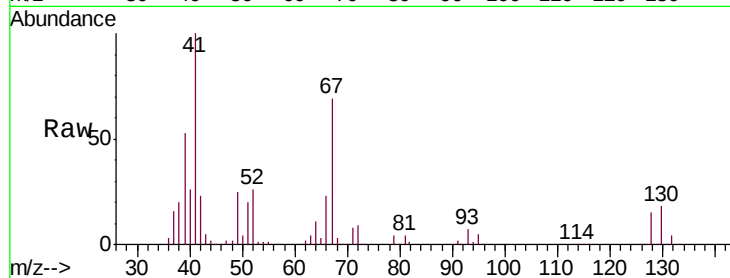




#35
Methacrylonitrile
Concen: 102.368 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

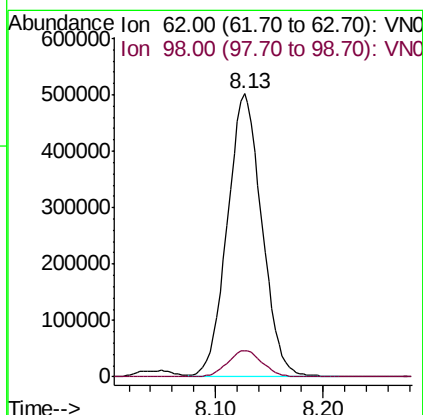
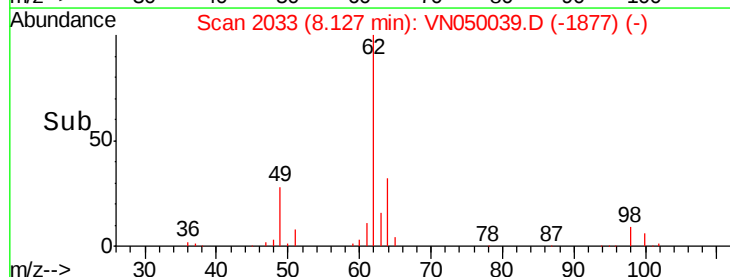
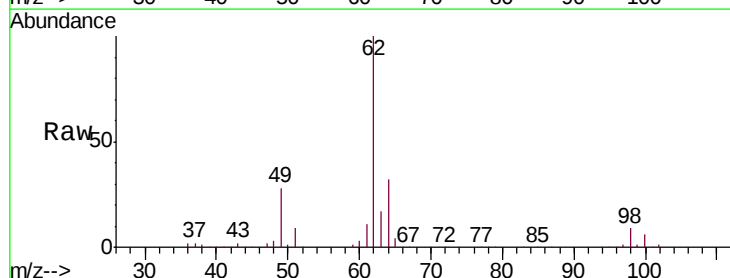
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

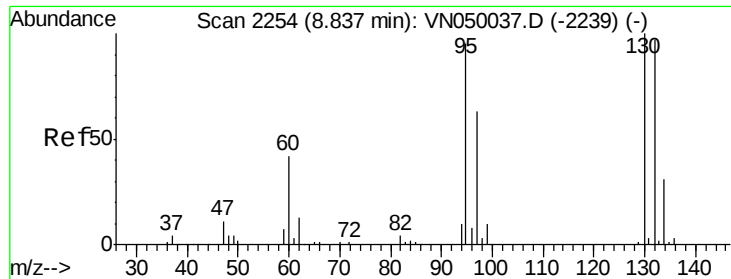
Tgt Ion: 41 Resp: 431447
Ion Ratio Lower Upper
41 100
39 53.2 27.6 82.7
67 68.8 35.1 105.5
52 25.6 14.1 42.4



#36
1,2-Dichloroethane
Concen: 94.592 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 62 Resp: 1112657
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

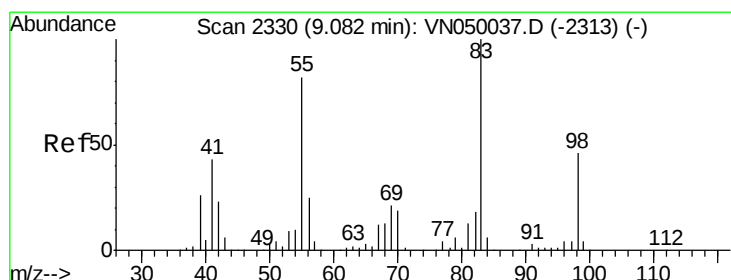
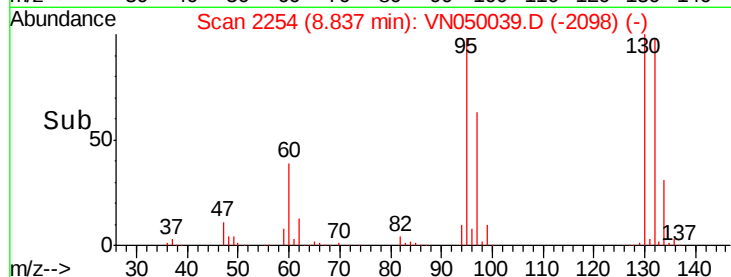
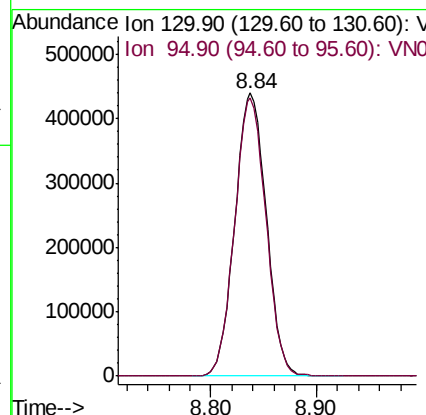
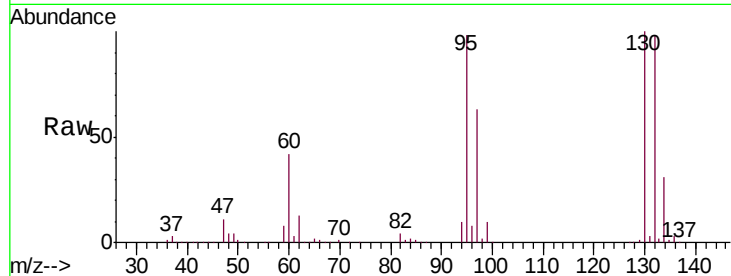




#37
 Trichloroethene
 Concen: 96.683 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

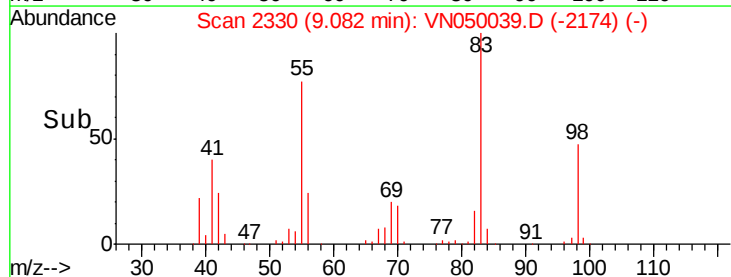
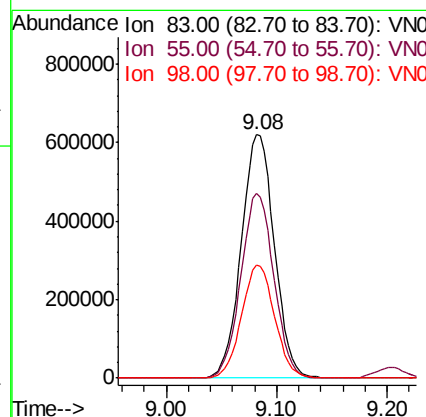
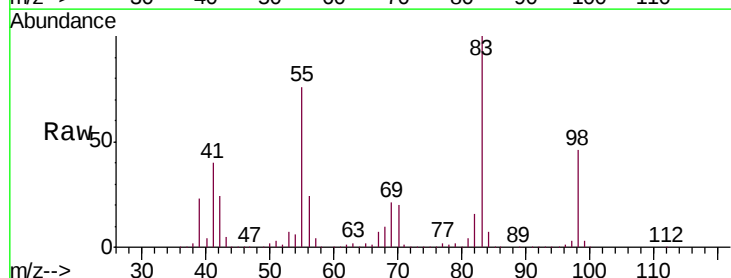
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

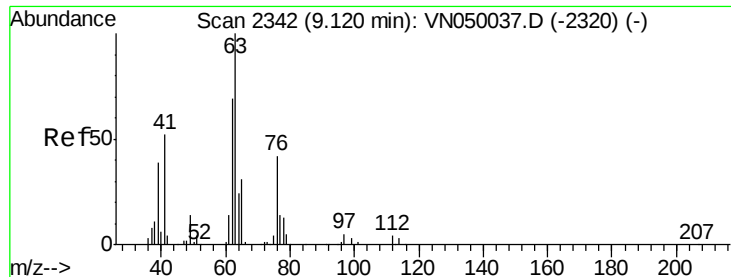
Tgt Ion: 130 Resp: 908427
 Ion Ratio Lower Upper
 130 100
 95 98.4 79.7 119.5



#38
 Methylcyclohexane
 Concen: 103.806 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

Tgt Ion: 83 Resp: 1290920
 Ion Ratio Lower Upper
 83 100
 55 75.6 39.3 117.8
 98 46.4 23.0 69.0





#39

1,2-Dichloropropane

Concen: 97.108 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

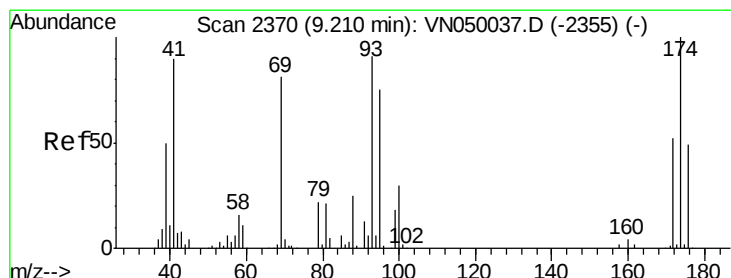
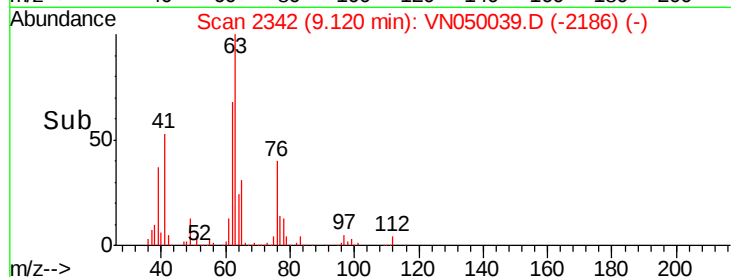
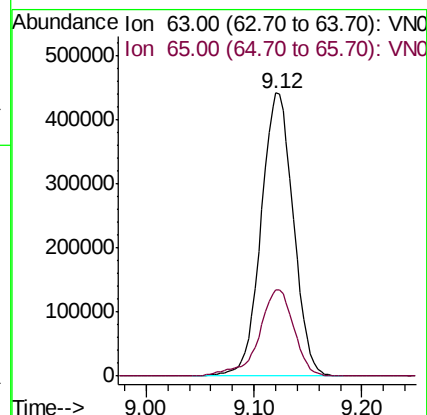
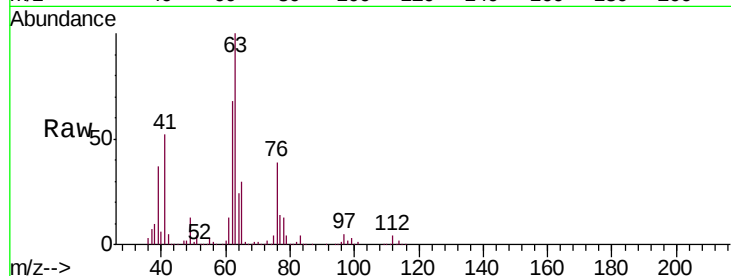
VSTDIC100

Tgt Ion: 63 Resp: 916447

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



#40

Dibromomethane

Concen: 96.854 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

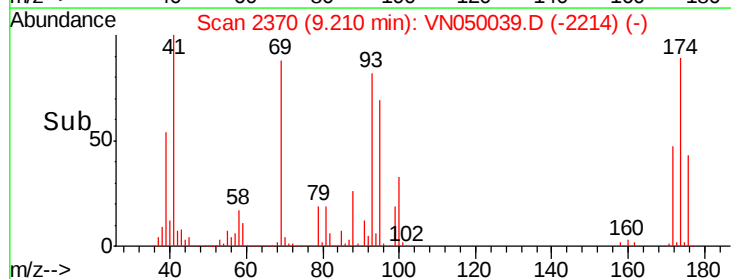
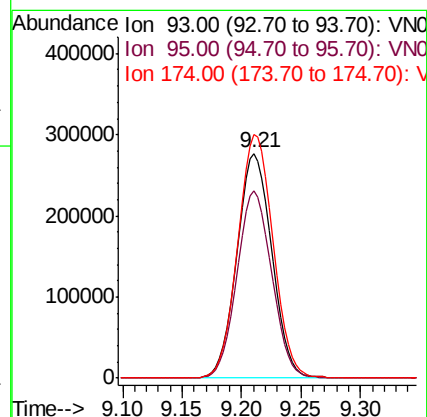
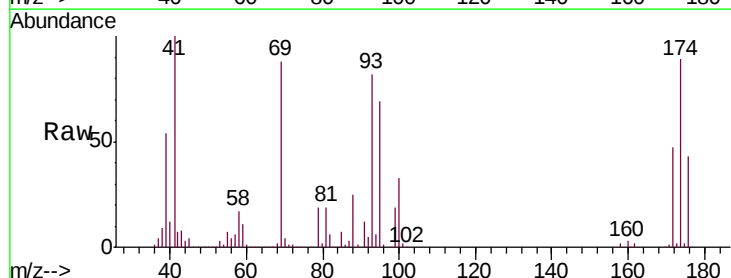
Tgt Ion: 93 Resp: 564924

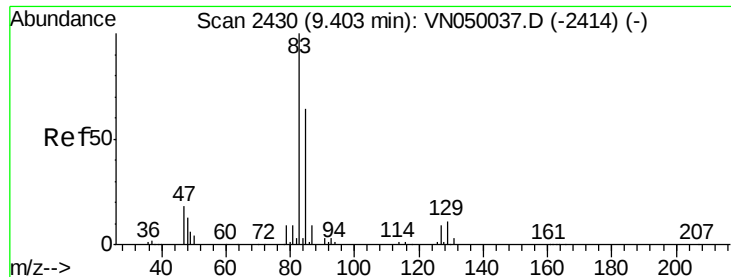
Ion Ratio Lower Upper

93 100

95 82.7 0.0 165.6

174 109.5 0.0 223.2

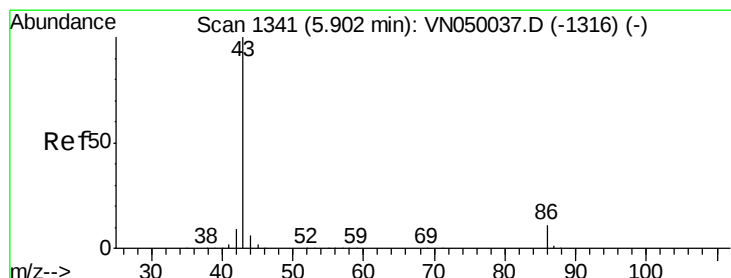
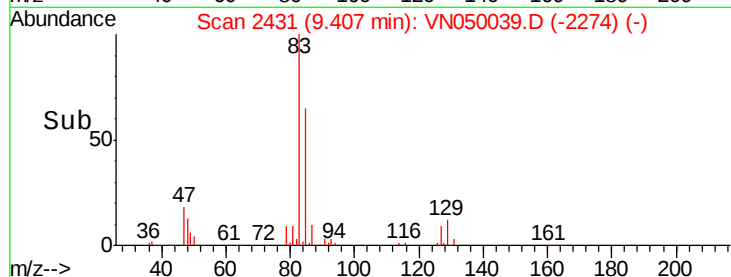
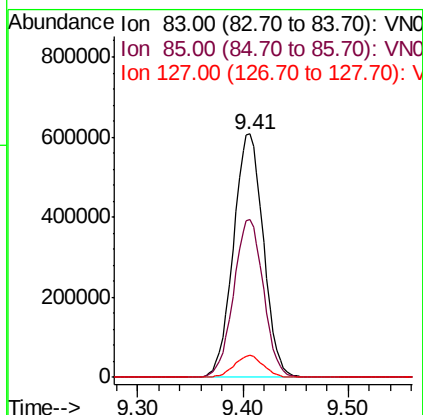
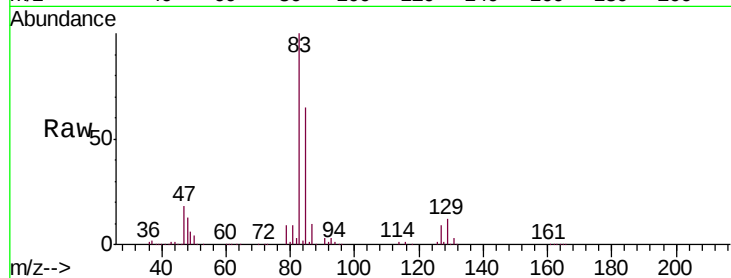




#41
 Bromodichloromethane
 Concen: 96.918 ug/l
 RT: 9.41 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

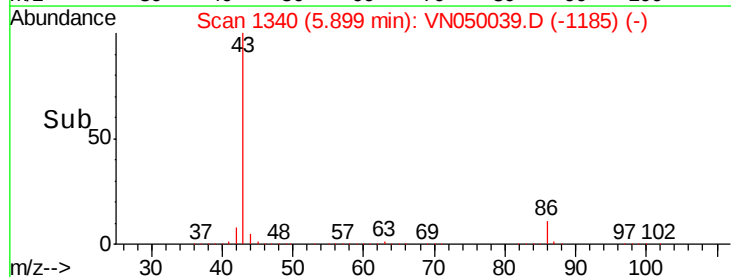
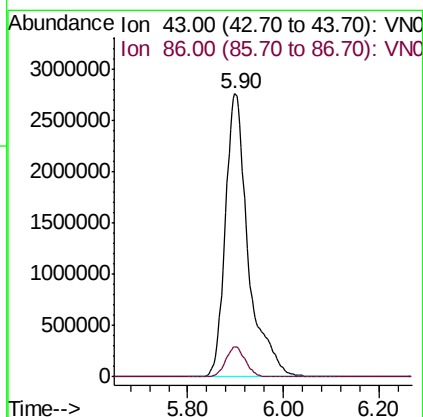
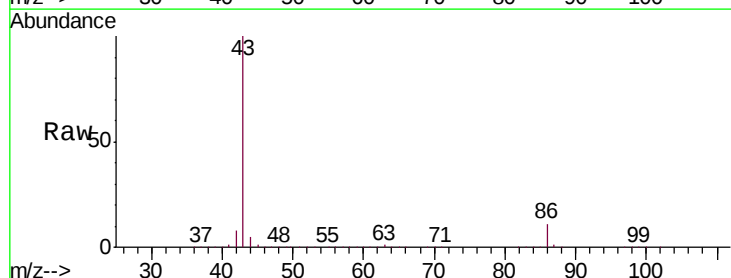
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

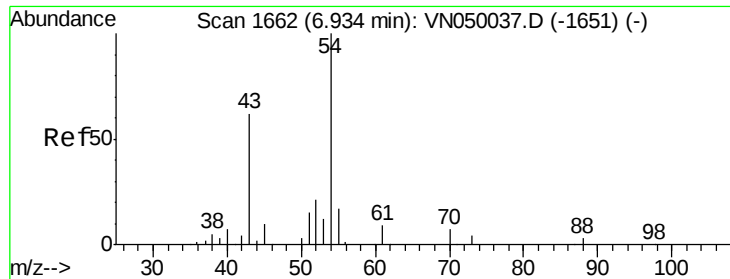
Tgt Ion: 83 Resp: 1192439
 Ion Ratio Lower Upper
 83 100
 85 65.0 52.6 78.8
 127 8.9 7.0 10.4



#42
 Vinyl Acetate
 Concen: 528.724 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

Tgt Ion: 43 Resp: 9209868
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9





#43

Ethyl Acetate

Concen: 103.769 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

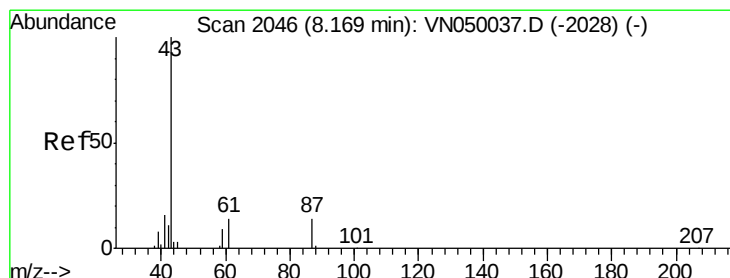
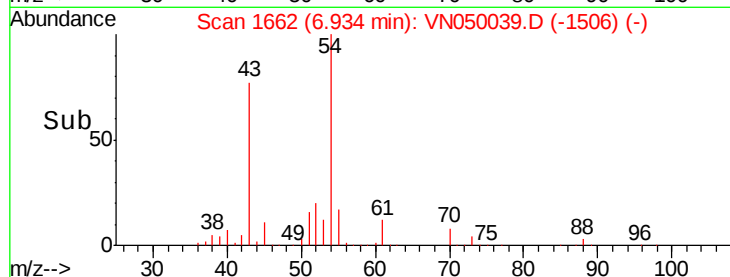
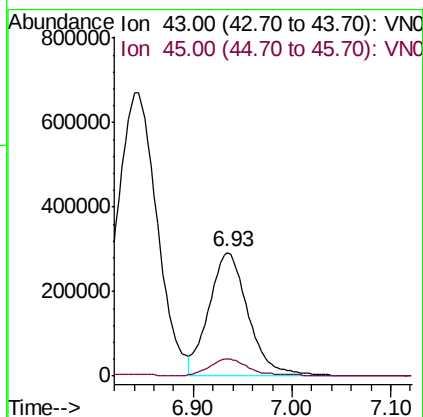
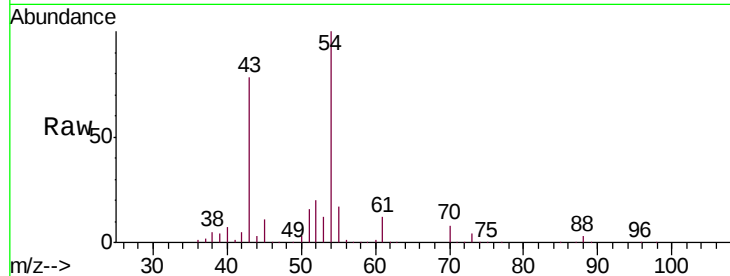
VSTDIC100

Tgt Ion: 43 Resp: 802103

Ion Ratio Lower Upper

43 100

45 13.3 13.0 19.6



#44

Isopropyl Acetate

Concen: 101.036 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050039.D

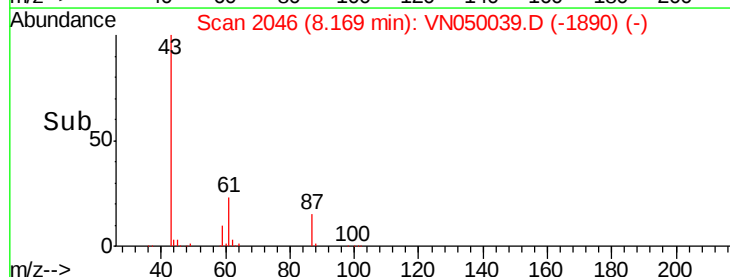
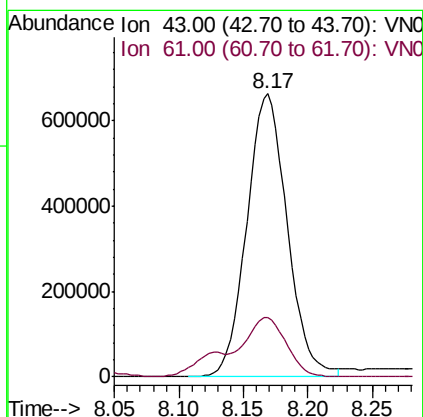
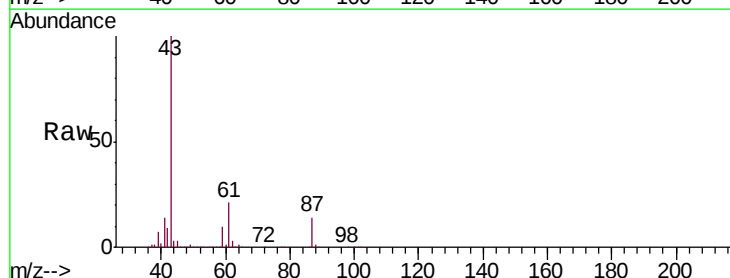
Acq: 25 Jul 2018 9:46

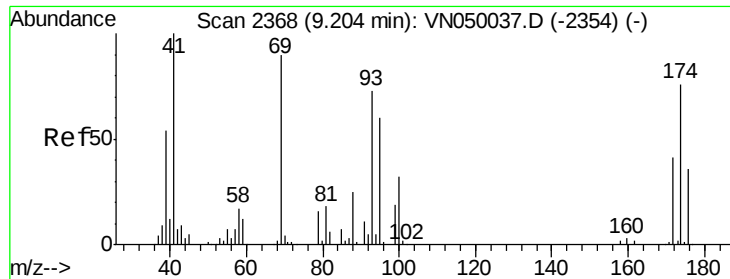
Tgt Ion: 43 Resp: 1446713

Ion Ratio Lower Upper

43 100

61 20.4 16.4 24.6





#45

1,4-Dioxane

Concen: 2129.970 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

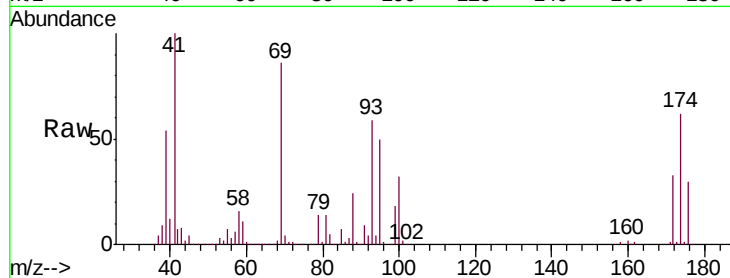
Tgt Ion: 88 Resp: 200695

Ion Ratio Lower Upper

88 100

43 32.3 26.9 40.3

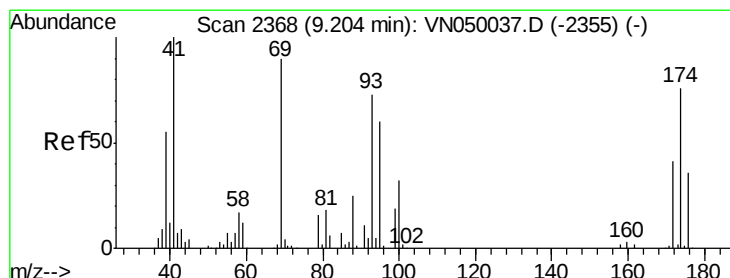
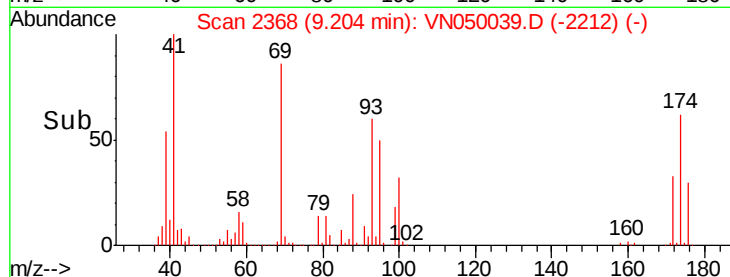
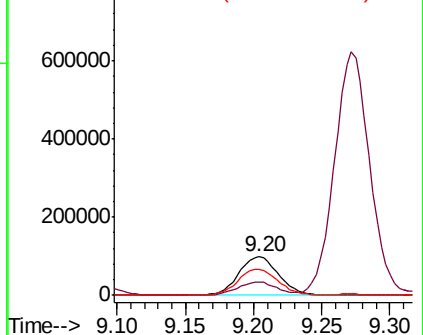
58 69.1 53.6 80.4



Abundance Ion 88.00 (87.70 to 88.70): VN050037.D (-2354) (-)

Ion 43.00 (42.70 to 43.70): VN050037.D (-2354) (-)

Ion 58.00 (57.70 to 58.70): VN050037.D (-2354) (-)



#46

Methyl methacrylate

Concen: 106.954 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

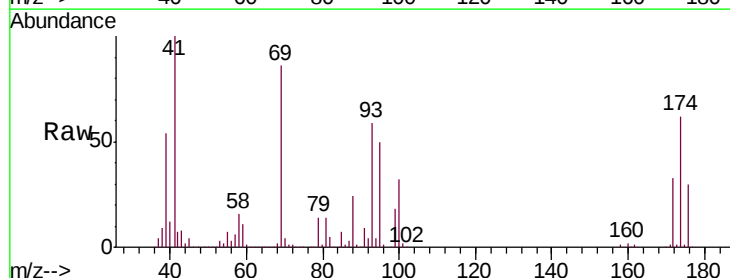
Tgt Ion: 41 Resp: 742412

Ion Ratio Lower Upper

41 100

69 86.8 44.0 132.1

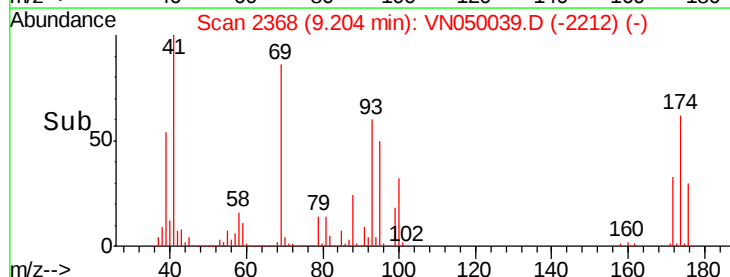
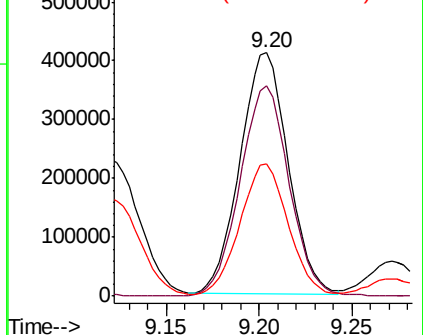
39 53.8 27.0 80.8

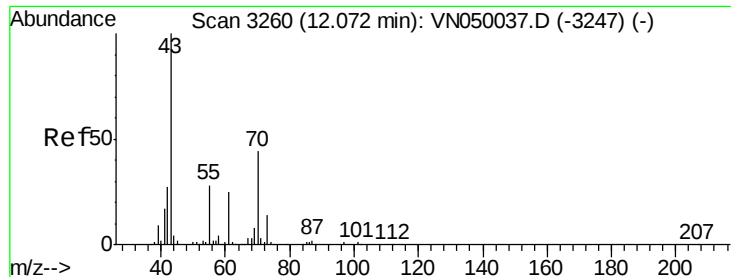


Abundance Ion 41.00 (40.70 to 41.70): VN050037.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN050037.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN050037.D (-2355) (-)

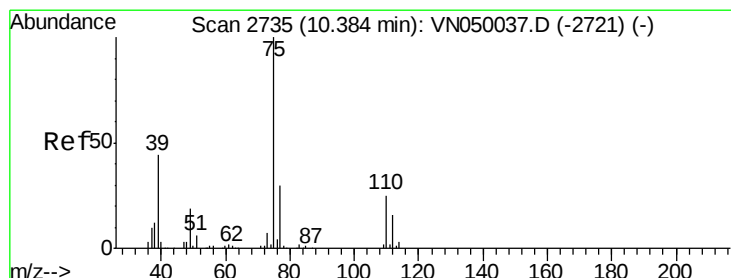
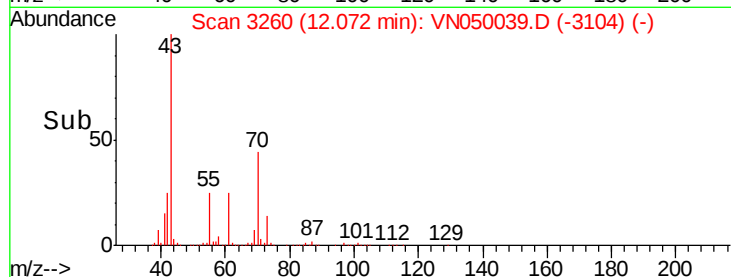
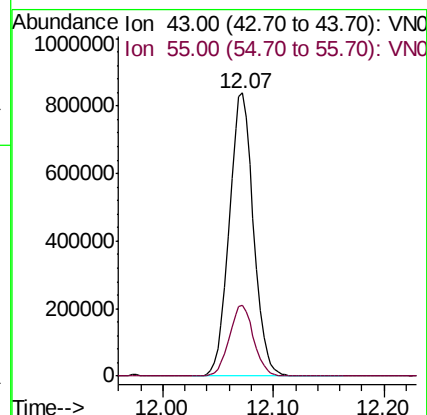
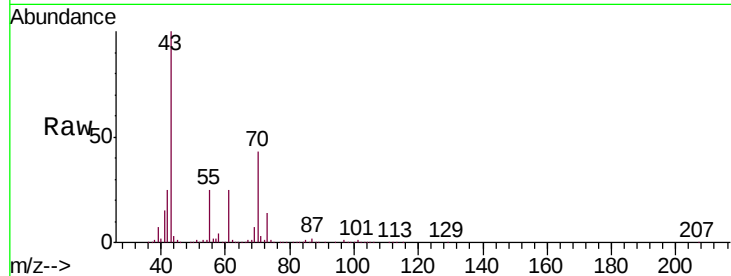




#47
n-amyl Acetate
Concen: 114.050 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

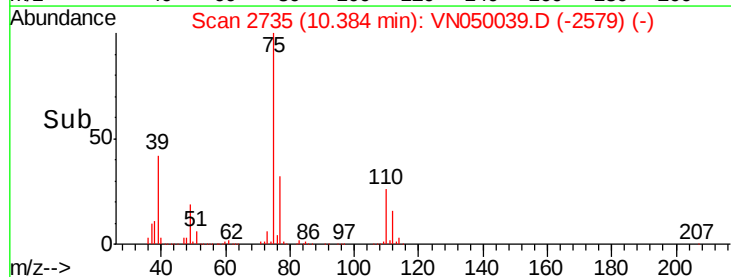
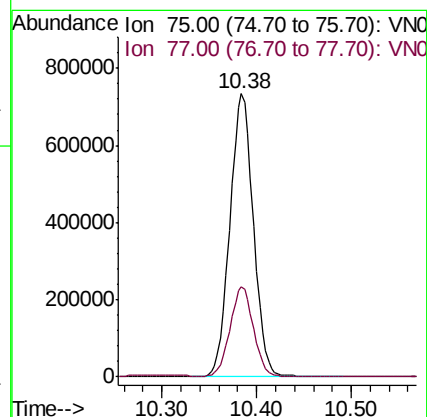
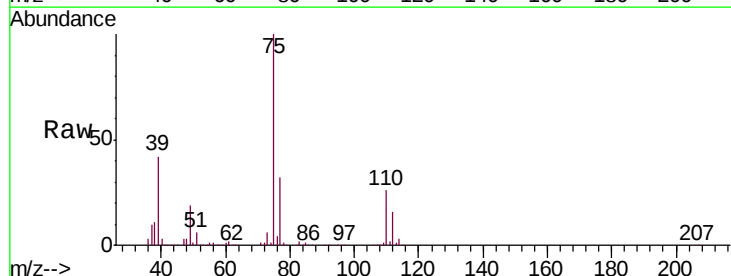
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

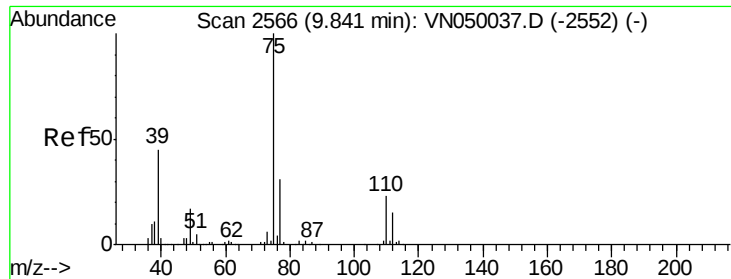
Tgt Ion: 43 Resp: 1270744
Ion Ratio Lower Upper
43 100
55 25.5 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 103.823 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 75 Resp: 1266436
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0



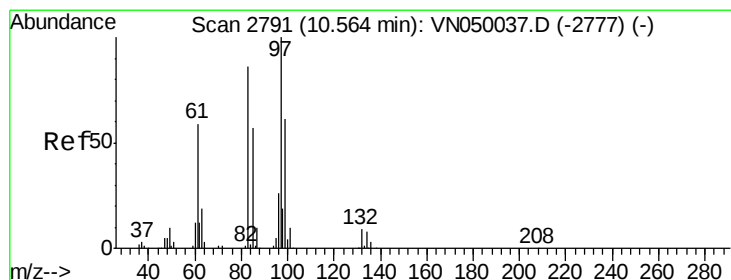
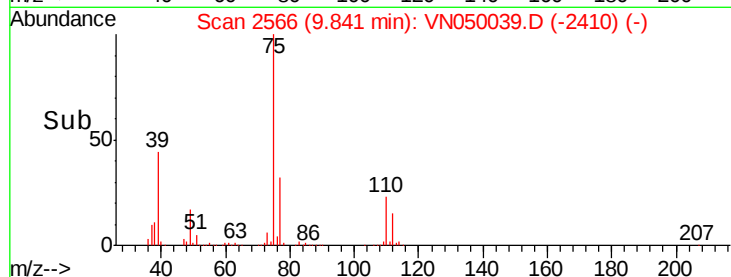
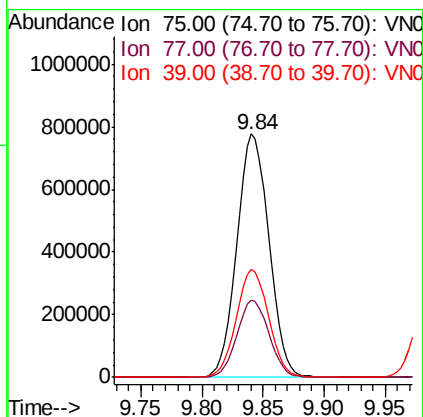
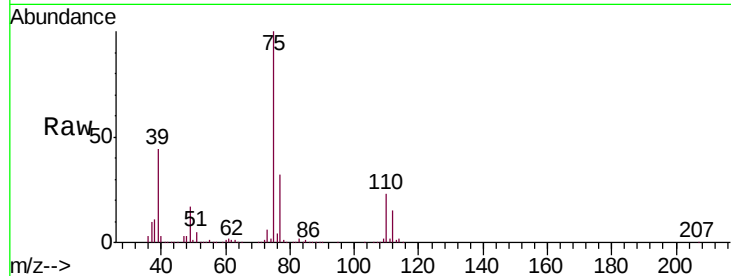


#49

cis-1,3-Dichloropropene
Concen: 102.665 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

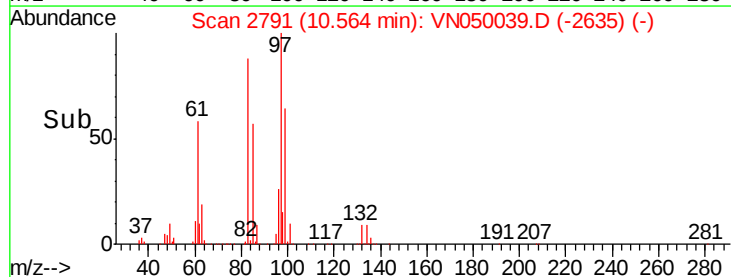
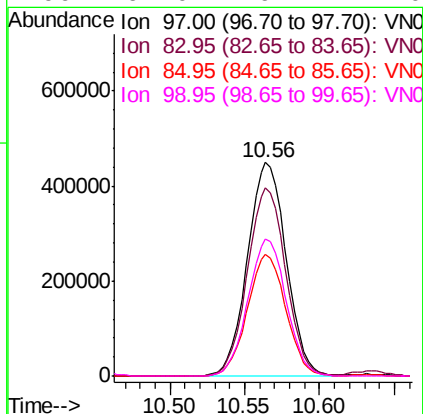
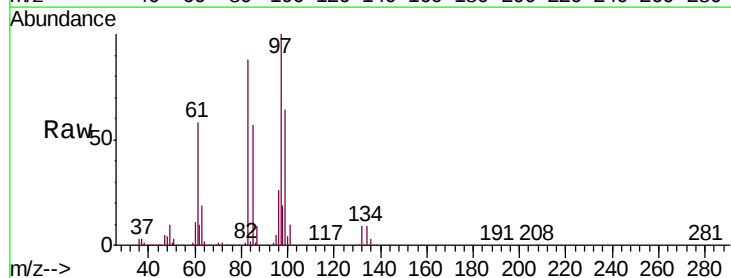
Tgt Ion: 75 Resp: 1414690
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 44.2 36.3 54.5

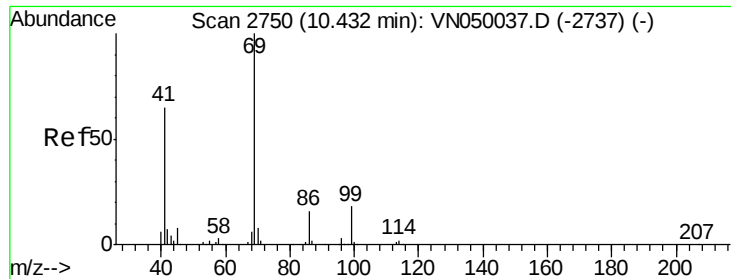


#50

1,1,2-Trichloroethane
Concen: 96.641 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 97 Resp: 809113
Ion Ratio Lower Upper
97 100
83 88.1 68.1 102.1
85 57.0 45.4 68.2
99 64.0 49.4 74.0





#51

Ethyl methacrylate

Concen: 109.551 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

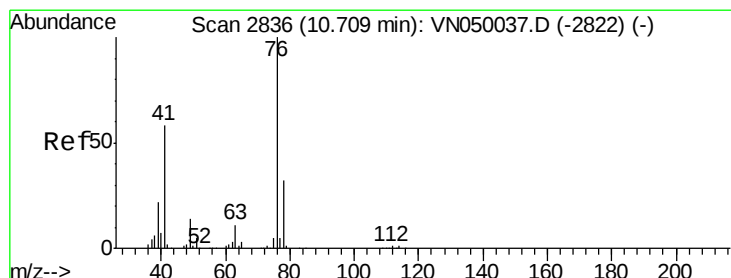
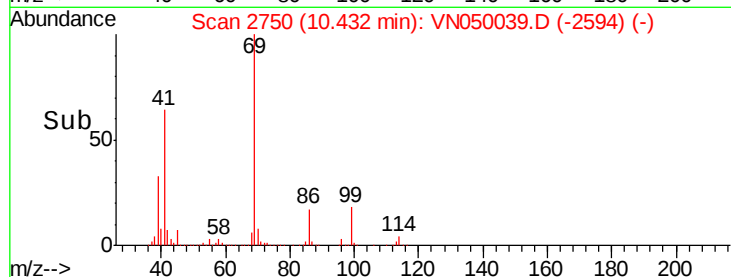
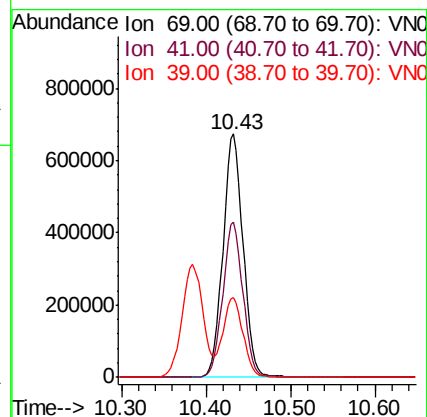
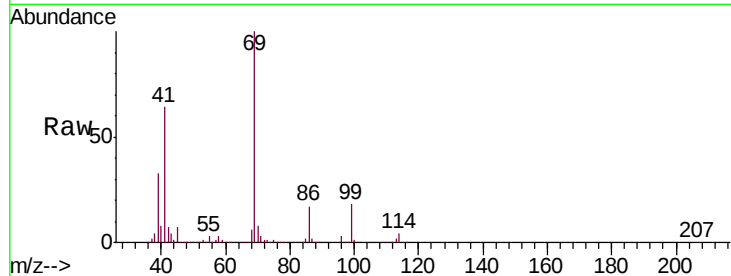
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 69 Resp: 1113260

Ion	Ratio	Lower	Upper
69	100		
41	63.7	31.9	95.9
39	32.7	16.7	50.1



#52

1,3-Dichloropropane

Concen: 99.251 ug/l

RT: 10.71 min Scan# 2836

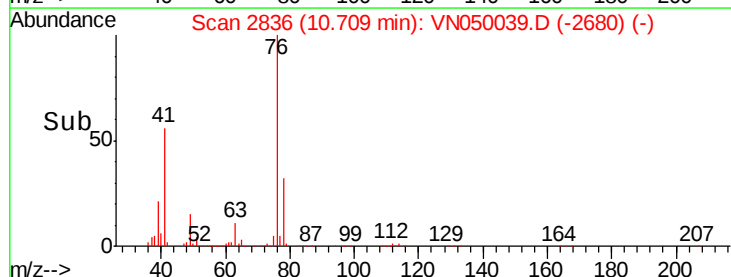
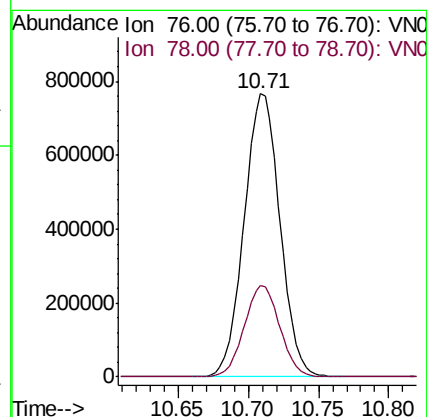
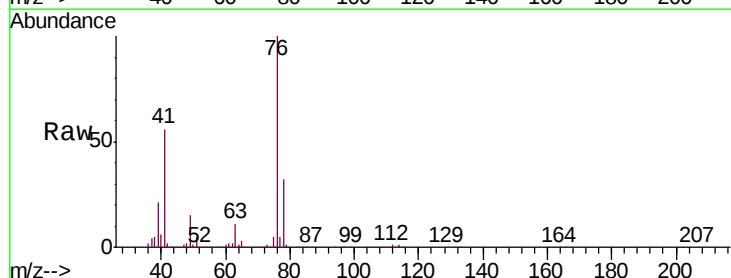
Delta R.T. 0.00 min

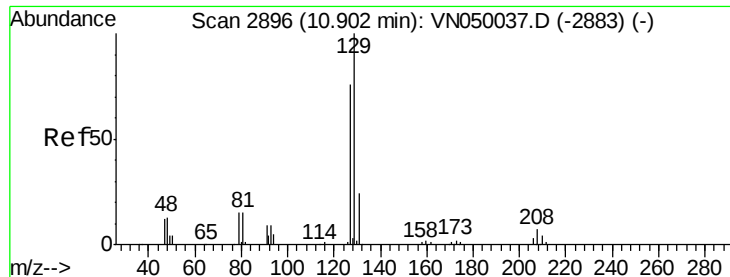
Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Tgt Ion: 76 Resp: 1364545

Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.6





#53

Dibromochloromethane

Concen: 99.281 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

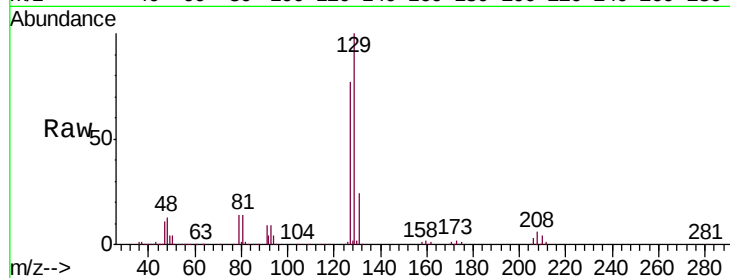
VSTDIC100

Tgt Ion:129 Resp: 943319

Ion Ratio Lower Upper

129 100

127 76.8 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

500000

400000

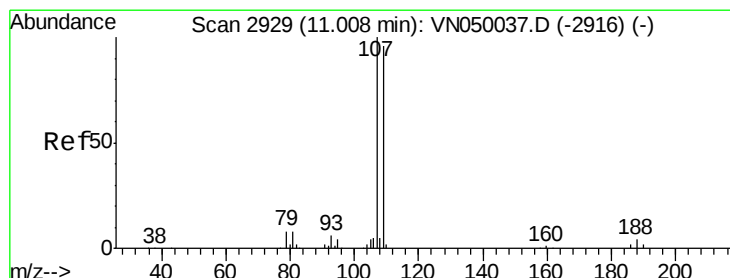
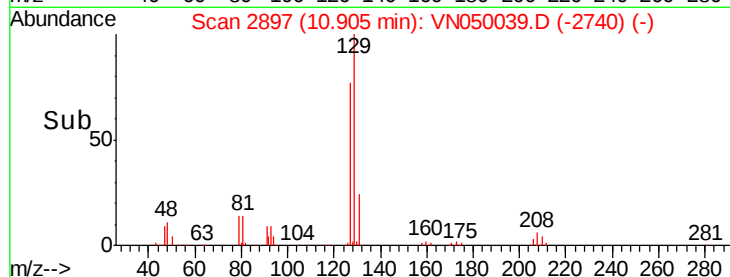
300000

200000

100000

0

Time--> 10.80 10.90 11.00



#54

1,2-Dibromoethane

Concen: 101.101 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050039.D

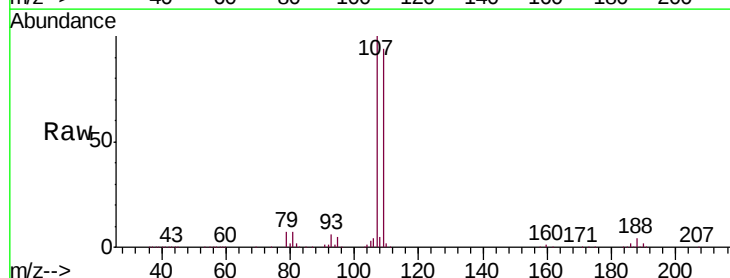
Acq: 25 Jul 2018 9:46

Tgt Ion:107 Resp: 829001

Ion Ratio Lower Upper

107 100

109 93.4 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

500000

400000

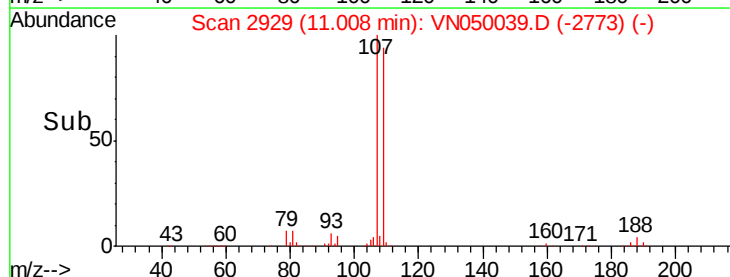
300000

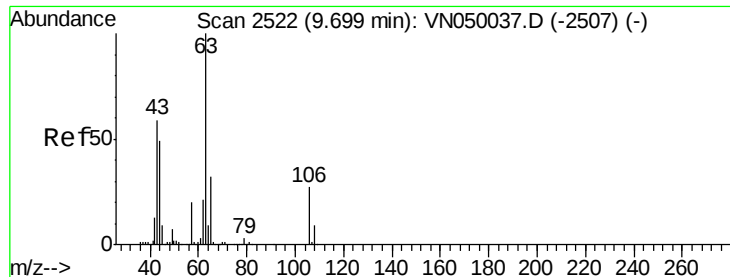
200000

100000

0

Time--> 10.90 11.00 11.10





#55

2-Chloroethyl vinyl ether

Concen: 553.265 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

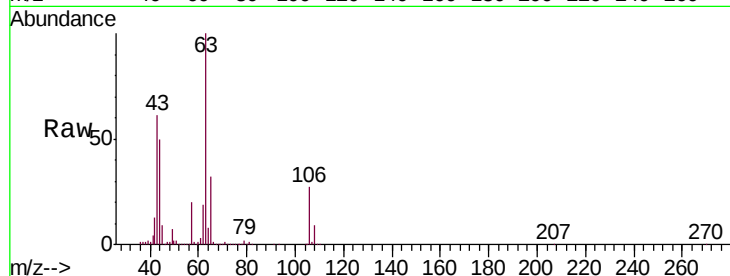
Tgt Ion: 63 Resp: 2544548

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3

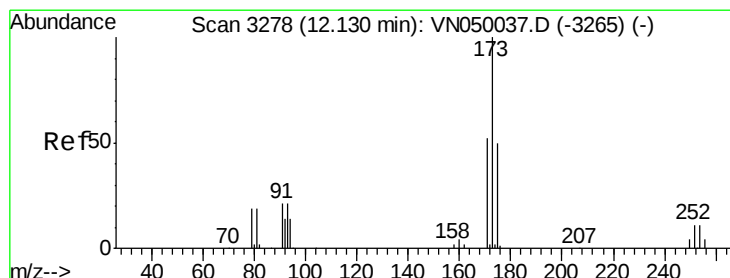
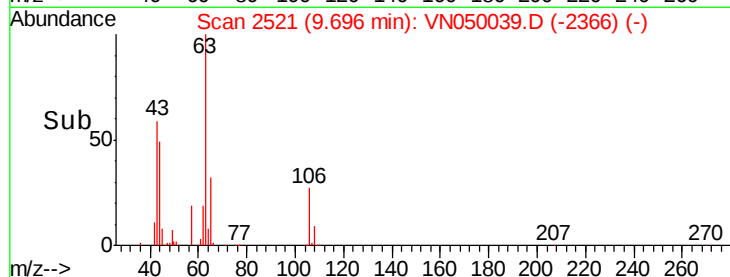
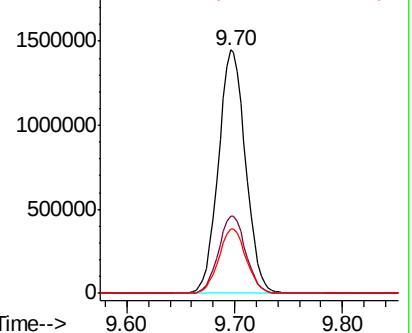
106 26.8 21.8 32.6



Abundance Ion 63.00 (62.70 to 63.70): VN050037.D (-2507) (-)

Ion 65.00 (64.70 to 65.70): VN050037.D (-2507) (-)

Ion 106.00 (105.70 to 106.70): VN050037.D (-2507) (-)



#56

Bromoform

Concen: 102.316 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

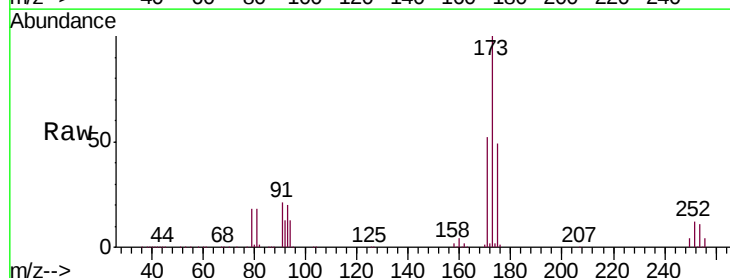
Tgt Ion: 173 Resp: 686457

Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

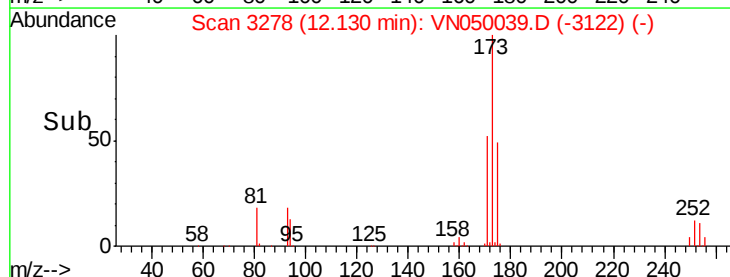
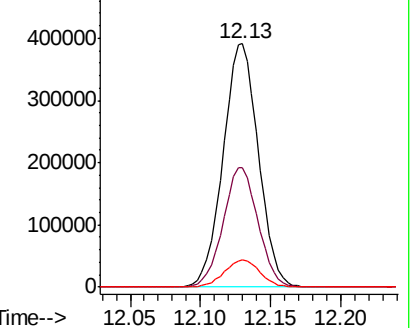
254 11.2 8.8 13.2

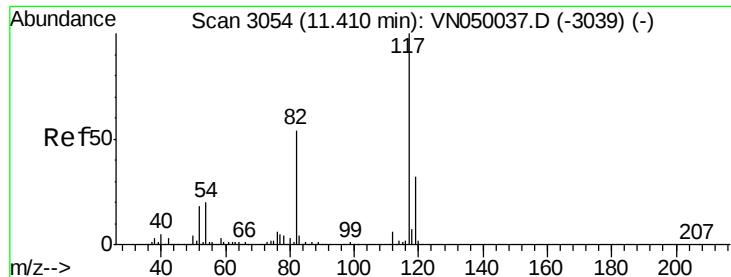


Abundance Ion 173.00 (172.70 to 173.70): VN050037.D (-3265) (-)

Ion 175.00 (174.70 to 175.70): VN050037.D (-3265) (-)

Ion 254.00 (253.70 to 254.70): VN050037.D (-3265) (-)

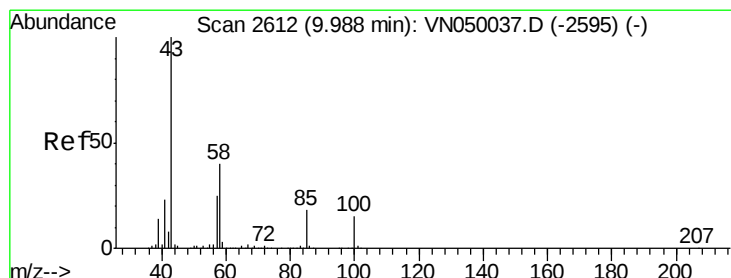
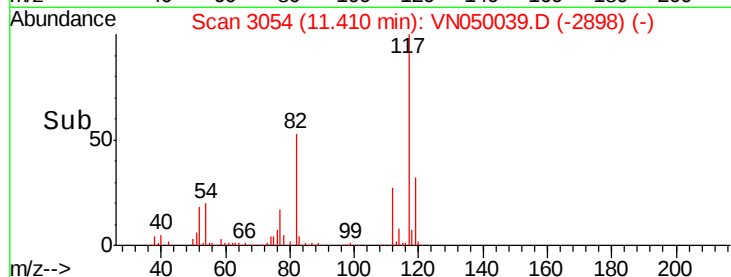
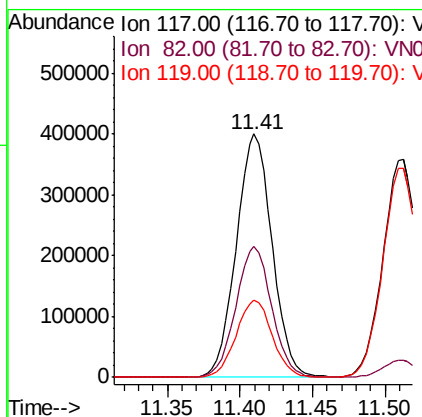
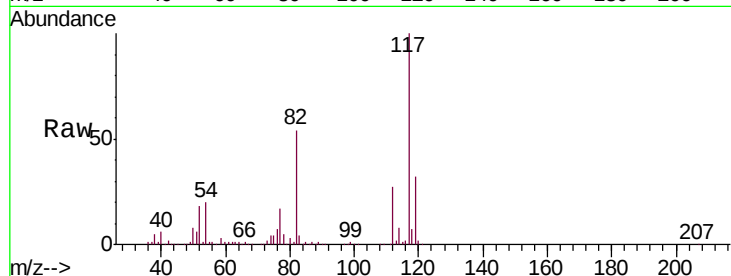




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

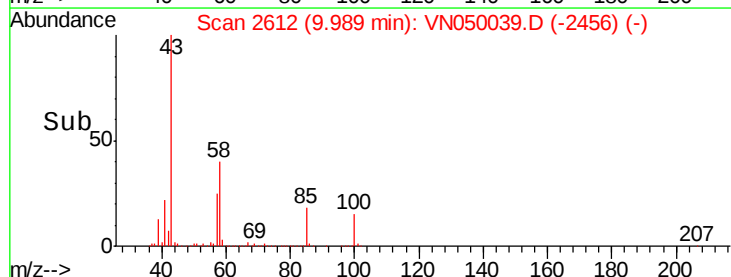
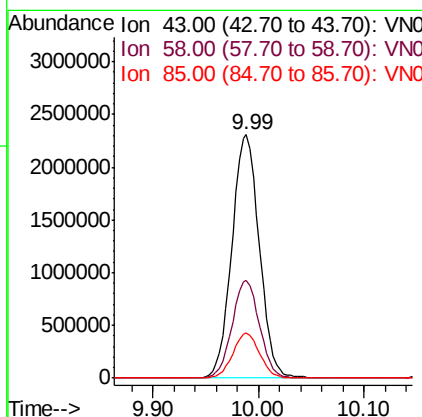
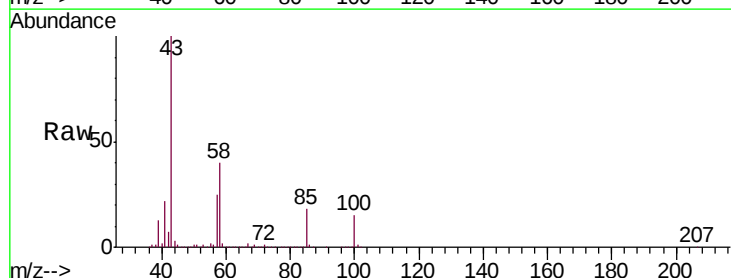
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

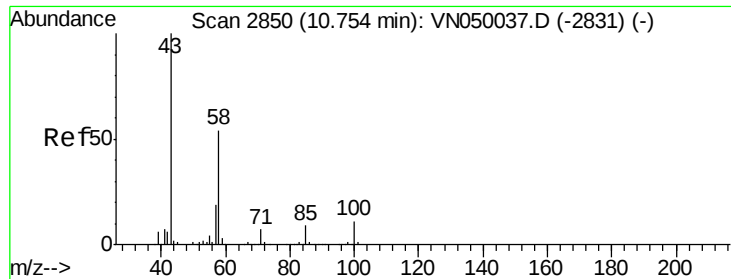
Tgt Ion: 117 Resp: 686779
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.1 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 519.040 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 43 Resp: 4147826
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8
85 18.3 14.4 21.6

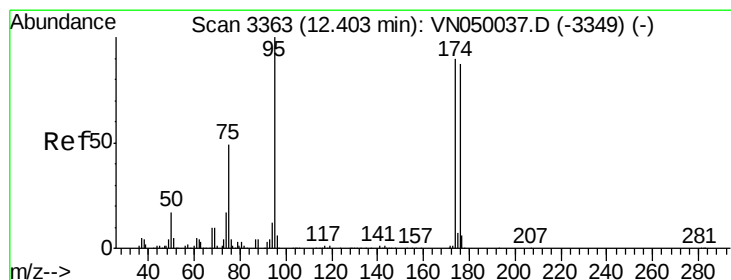
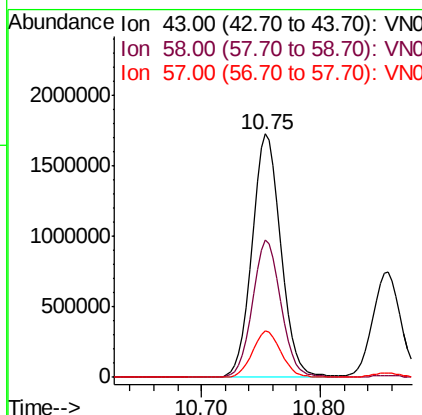
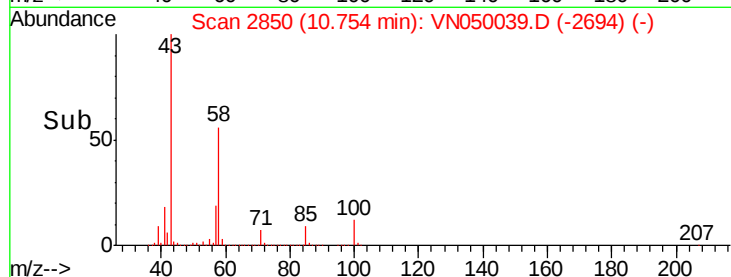
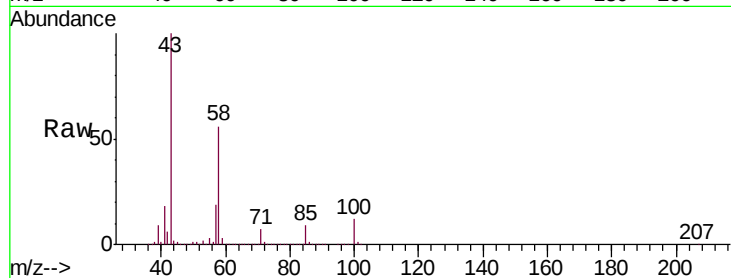




#59
2-Hexanone
Concen: 530.293 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

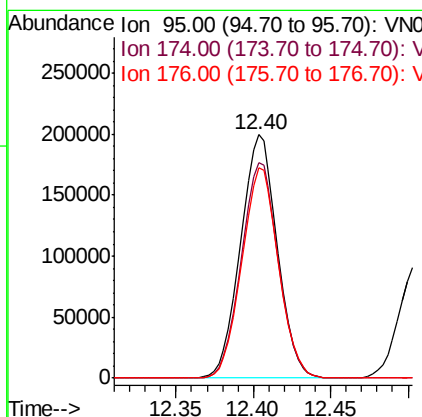
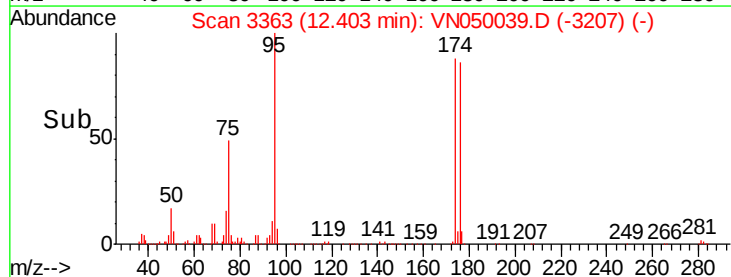
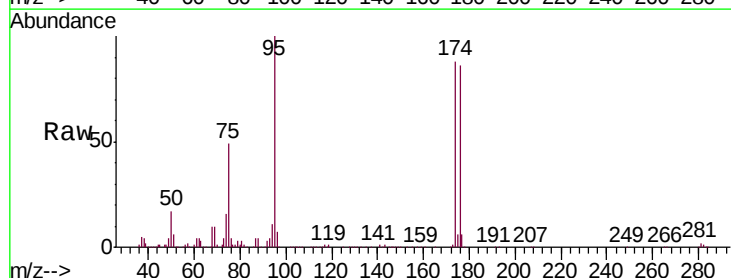
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

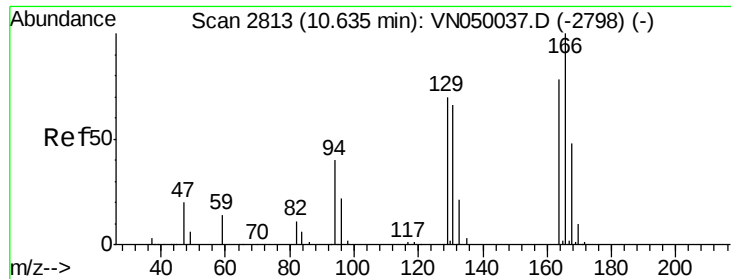
Tgt Ion: 43 Resp: 2891076
Ion Ratio Lower Upper
43 100
58 55.9 43.8 65.8
57 19.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 31.160 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 95 Resp: 328766
Ion Ratio Lower Upper
95 100
174 89.2 72.3 108.5
176 86.6 70.0 105.0

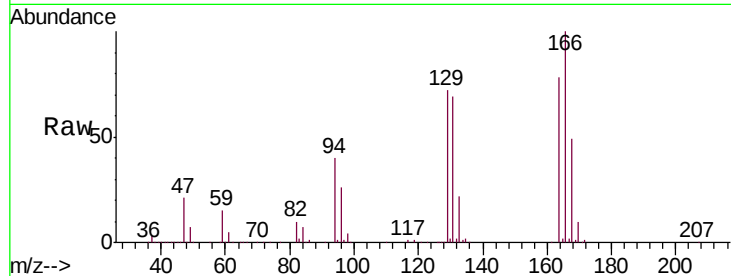




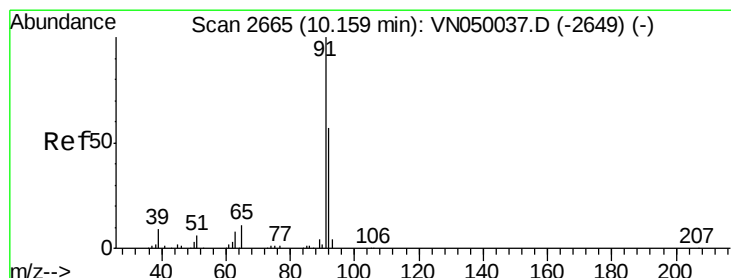
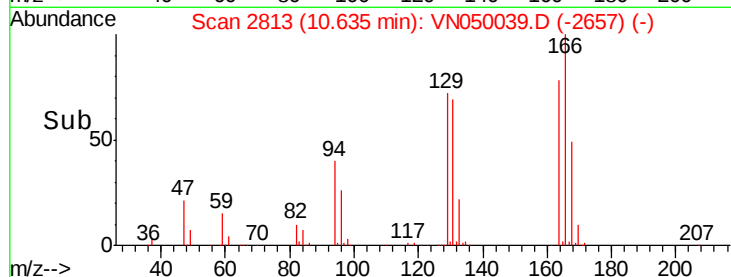
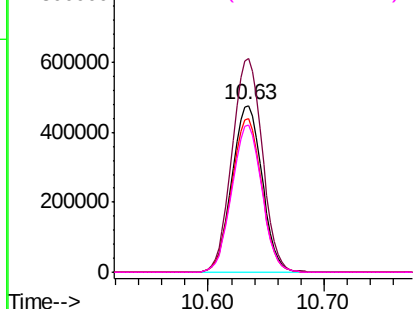
#61
Tetrachloroethene
Concen: 92.234 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:164 Resp: 857994
Ion Ratio Lower Upper
164 100
166 128.1 100.0 150.0
129 91.8 69.3 103.9
131 88.4 68.8 103.2

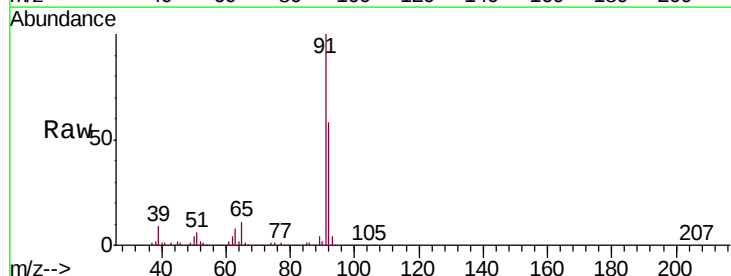


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

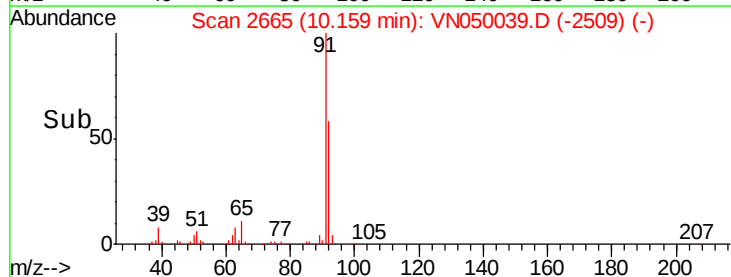
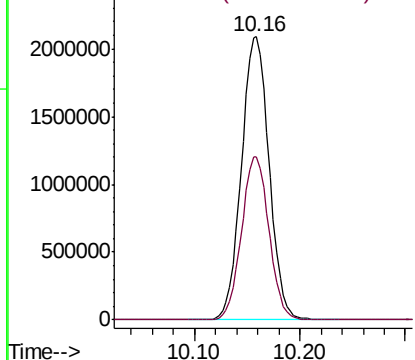


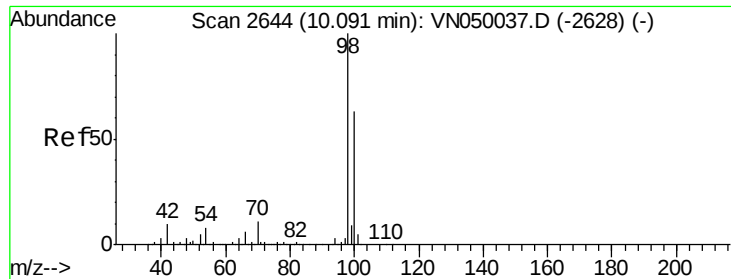
#62
Toluene
Concen: 97.103 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion: 91 Resp: 3804838
Ion Ratio Lower Upper
91 100
92 57.4 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.486 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

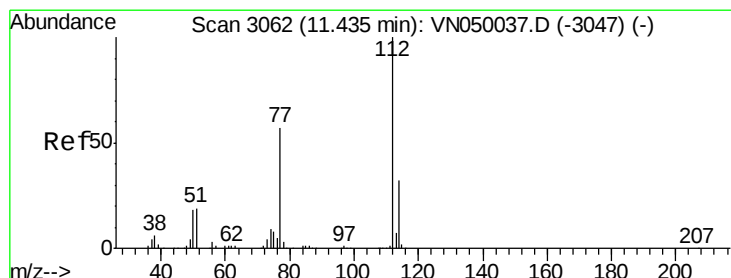
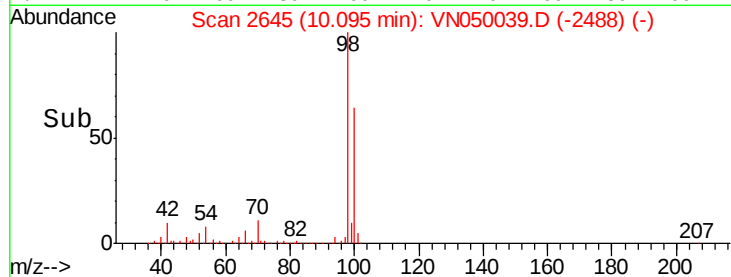
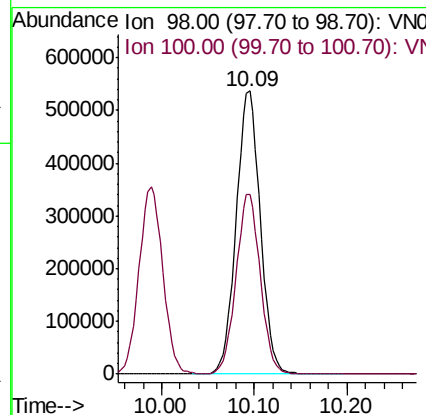
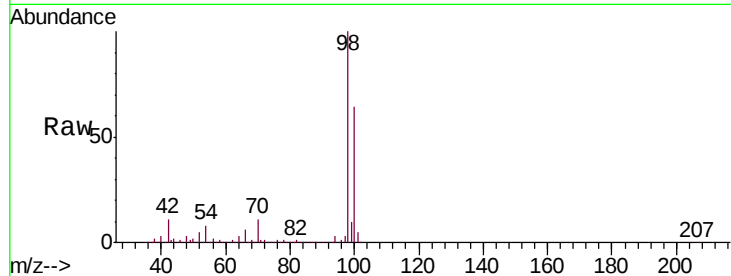
VSTDIC100

Tgt Ion: 98 Resp: 967265

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#64

Chlorobenzene

Concen: 98.782 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050039.D

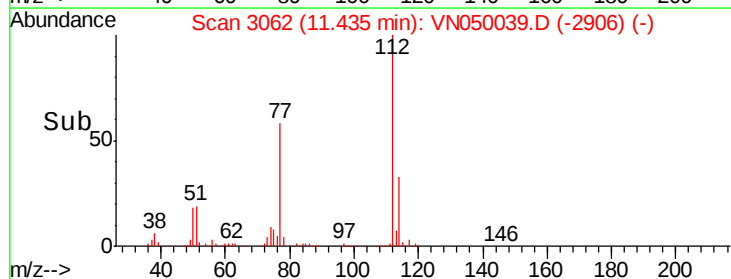
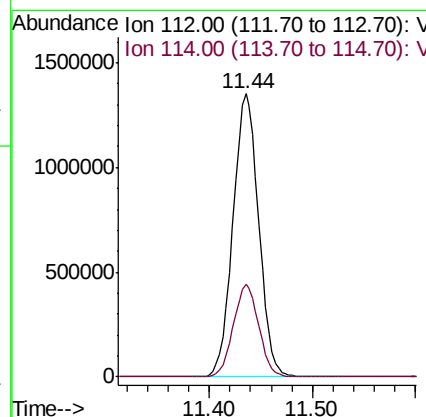
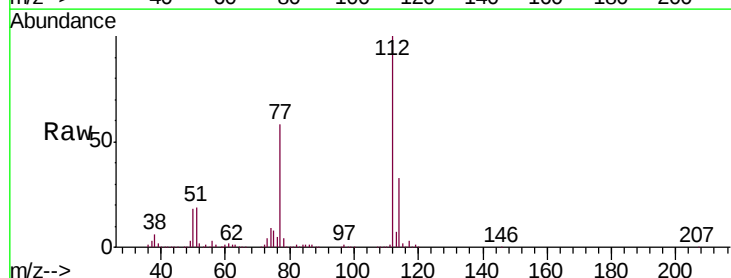
Acq: 25 Jul 2018 9:46

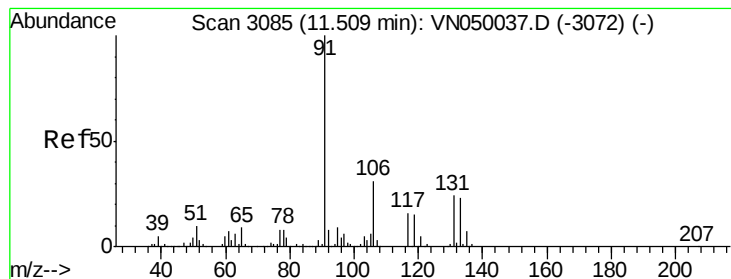
Tgt Ion: 112 Resp: 2347132

Ion Ratio Lower Upper

112 100

114 32.6 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 96.987 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

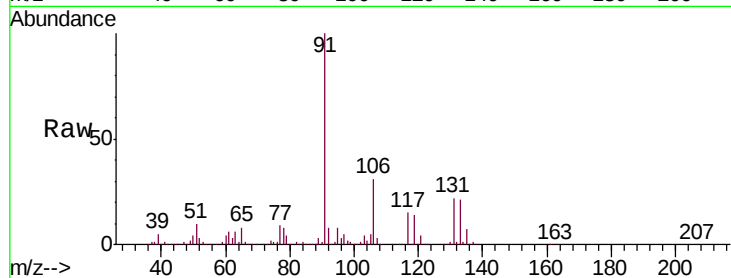
Tgt Ion:131 Resp: 898852

Ion Ratio Lower Upper

131 100

133 95.7 0.0 190.0

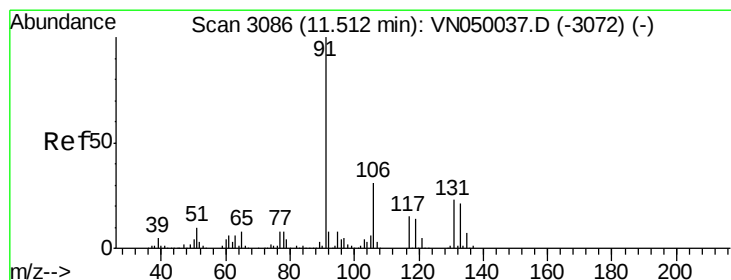
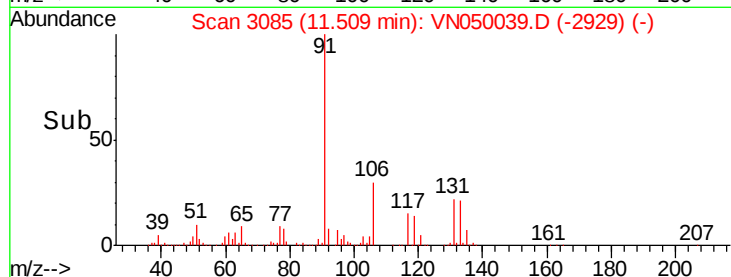
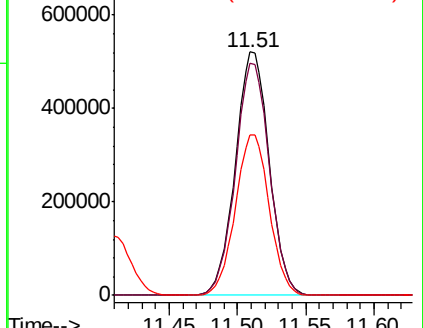
119 66.1 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 104.489 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050039.D

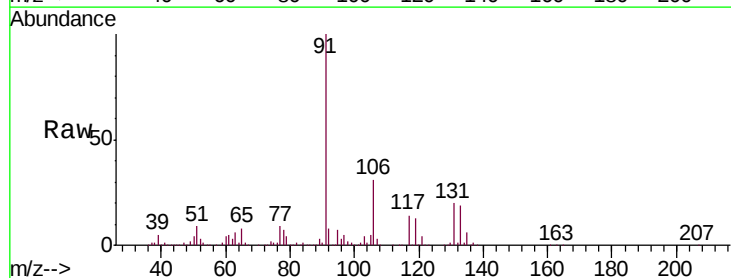
Acq: 25 Jul 2018 9:46

Tgt Ion: 91 Resp: 4184044

Ion Ratio Lower Upper

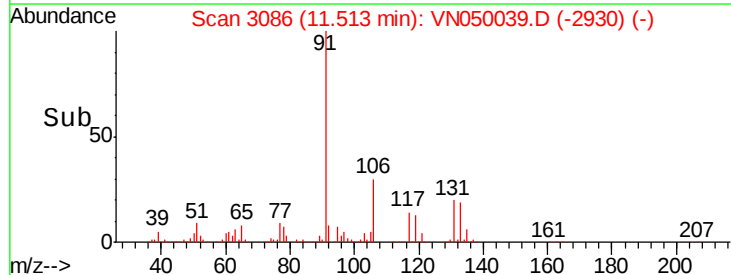
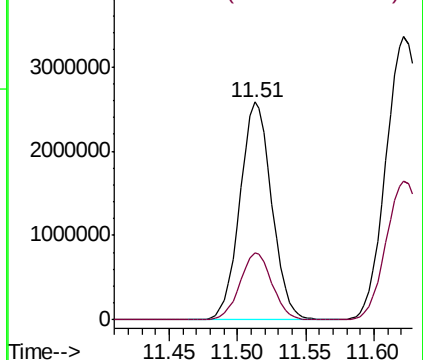
91 100

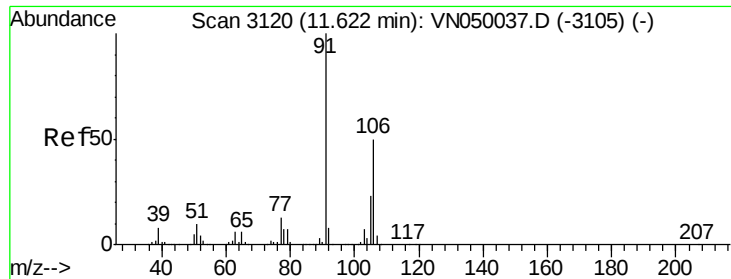
106 30.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 206.207 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

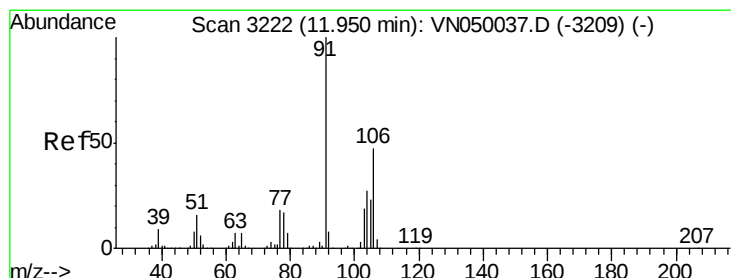
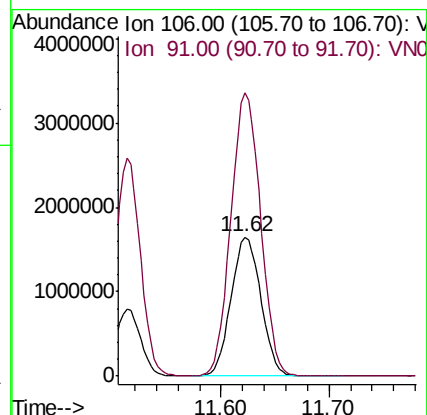
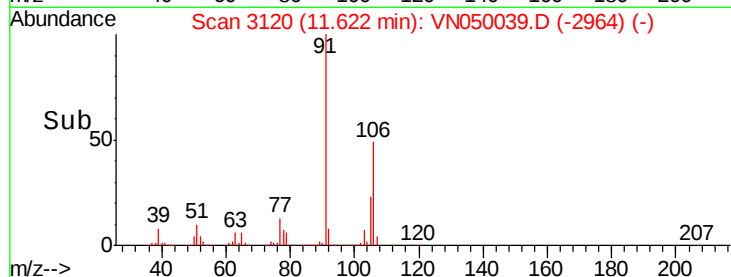
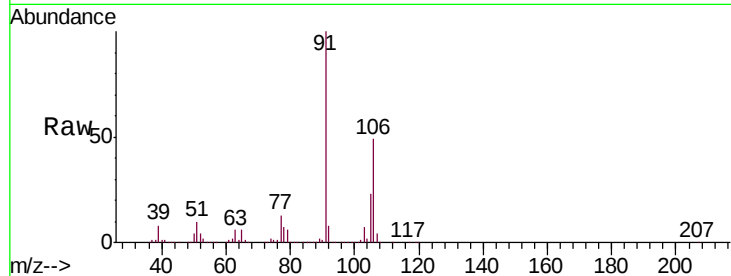
VSTDIC100

Tgt Ion:106 Resp: 3177671

Ion Ratio Lower Upper

106 100

91 202.7 162.5 243.7



#68

o-Xylene

Concen: 104.493 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050039.D

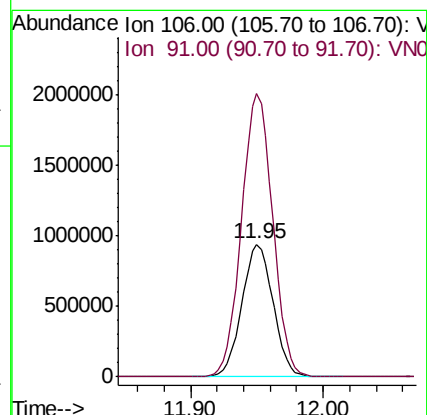
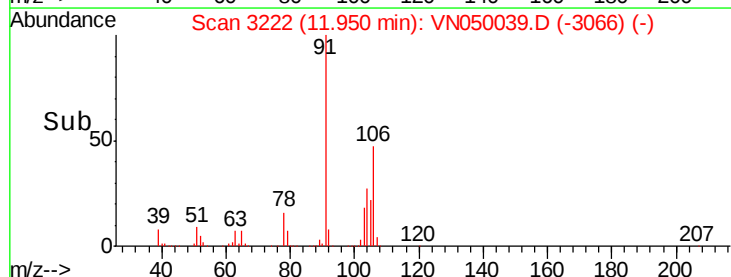
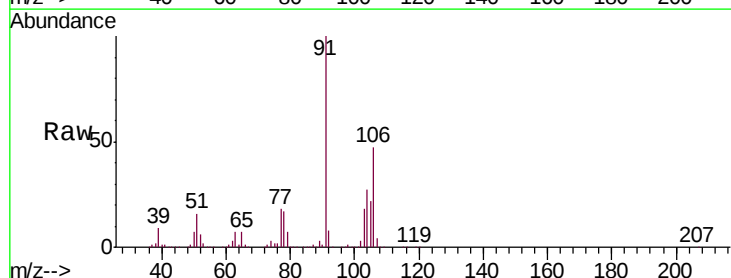
Acq: 25 Jul 2018 9:46

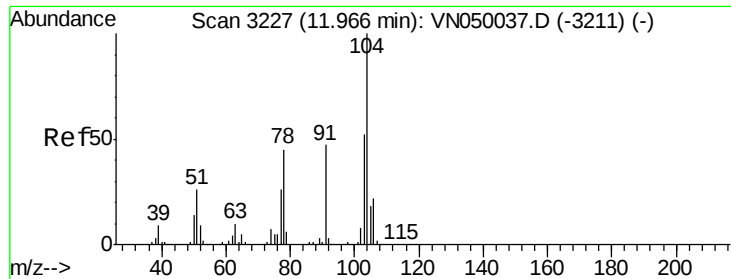
Tgt Ion:106 Resp: 1532058

Ion Ratio Lower Upper

106 100

91 214.0 106.8 320.4





#69

Styrene

Concen: 106.850 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

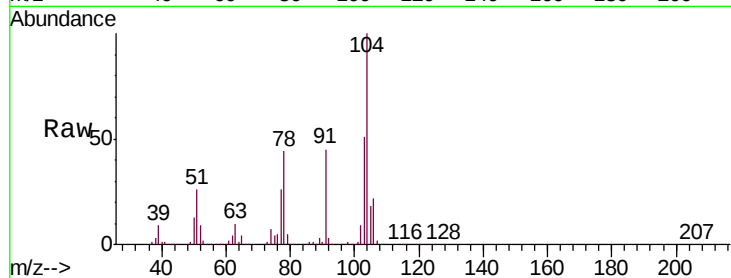
Tgt Ion:104 Resp: 2511446

Ion Ratio Lower Upper

104 100

78 48.7 39.3 58.9

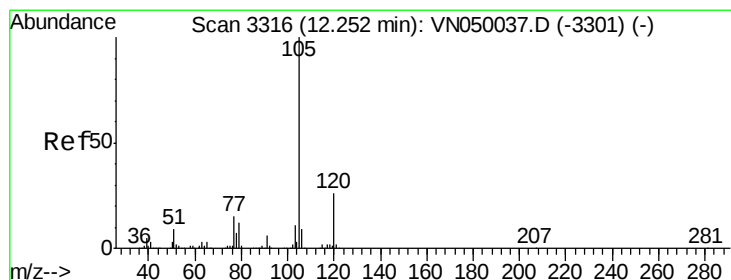
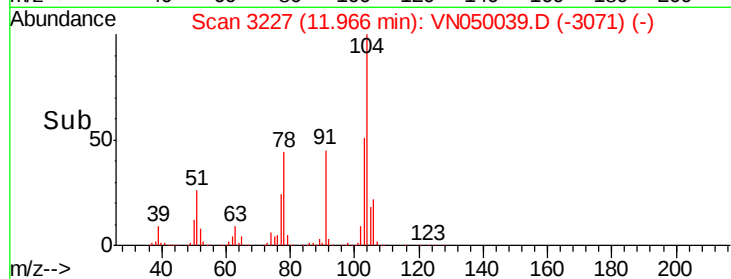
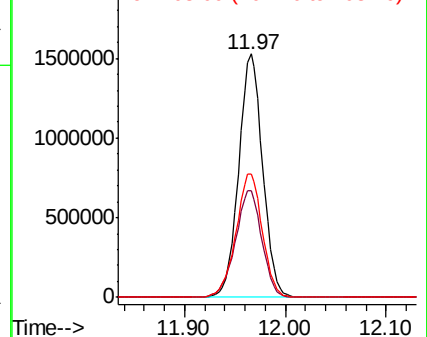
103 55.8 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 104.646 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050039.D

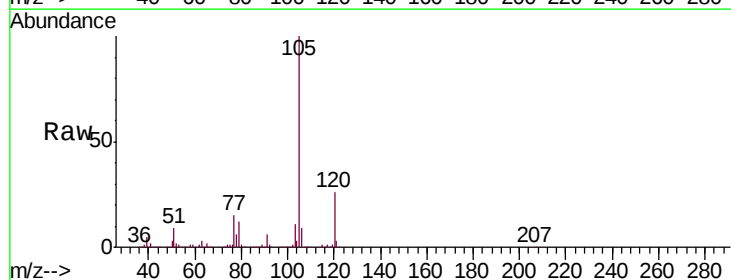
Acq: 25 Jul 2018 9:46

Tgt Ion:105 Resp: 4086281

Ion Ratio Lower Upper

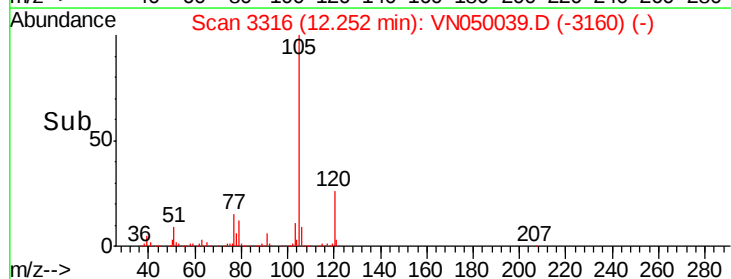
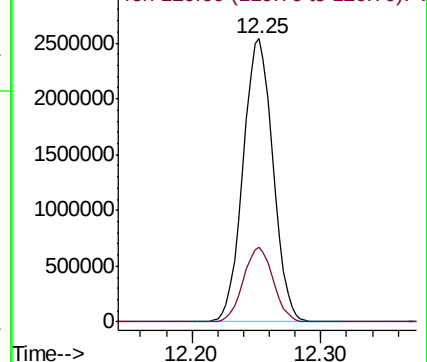
105 100

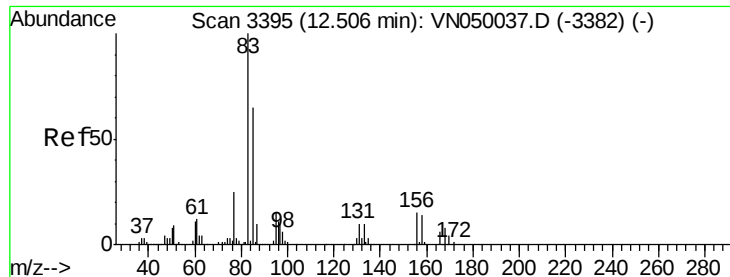
120 26.3 18.9 35.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

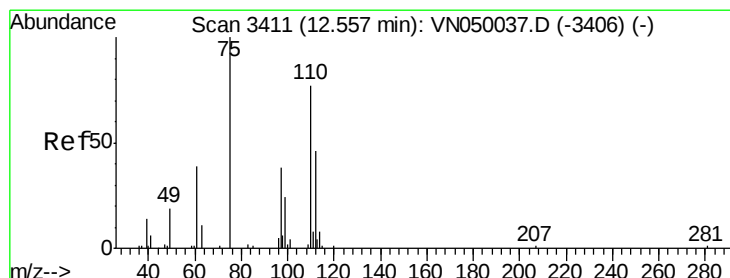
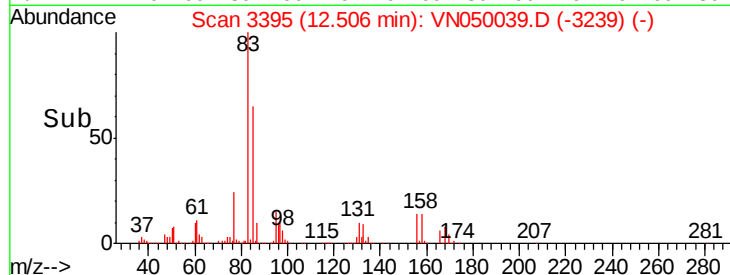
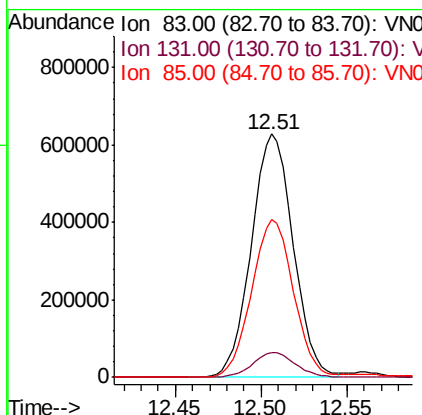
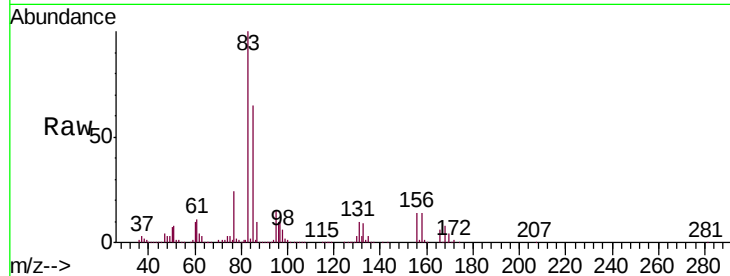




#71
 1,1,2,2-Tetrachloroethane
 Concen: 98.765 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

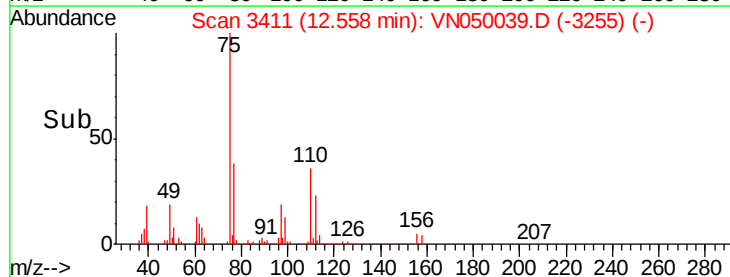
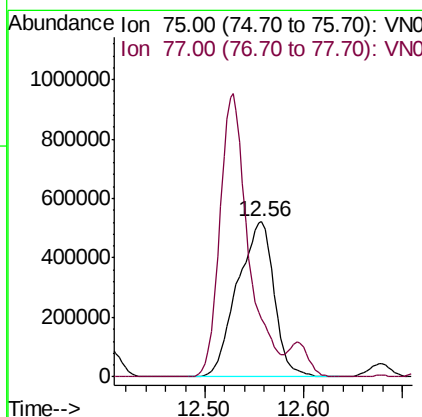
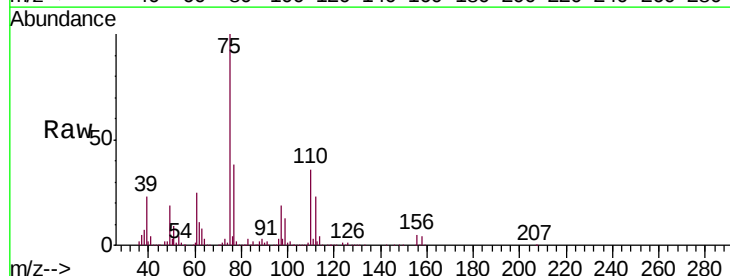
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

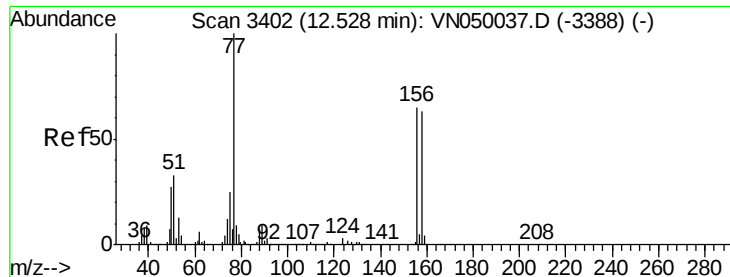
Tgt Ion: 83 Resp: 1058871
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 156.373 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

Tgt Ion: 75 Resp: 1346184
 Ion Ratio Lower Upper
 75 100
 77 143.2 0.0 454.4





#73

Bromobenzene

Concen: 100.838 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

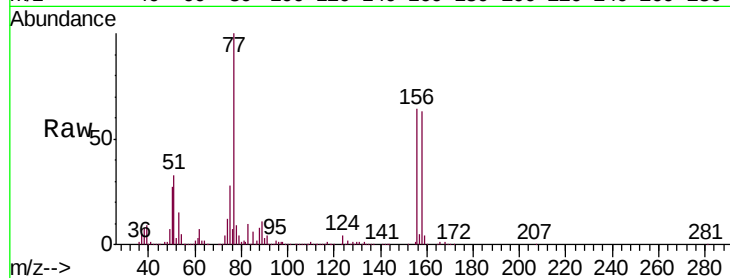
Tgt Ion:156 Resp: 1048914

Ion Ratio Lower Upper

156 100

77 183.8 0.0 359.8

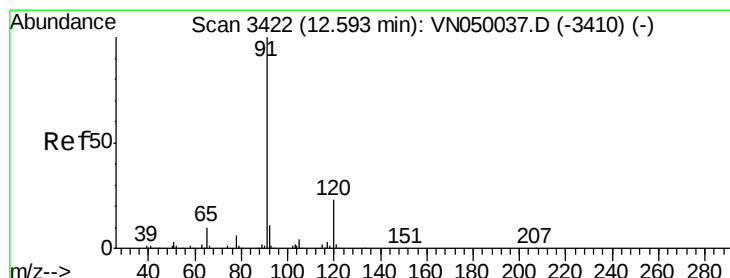
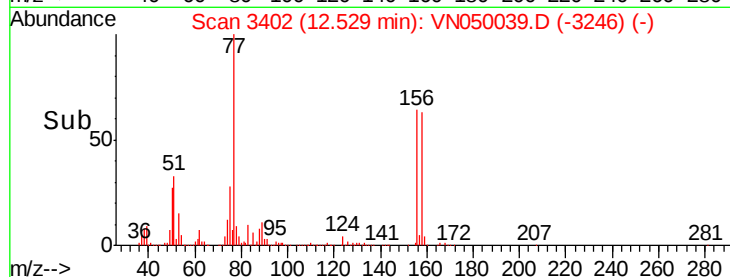
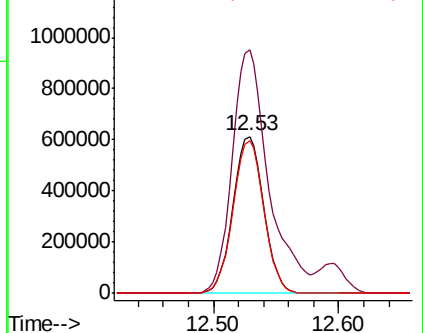
158 97.2 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 104.270 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050039.D

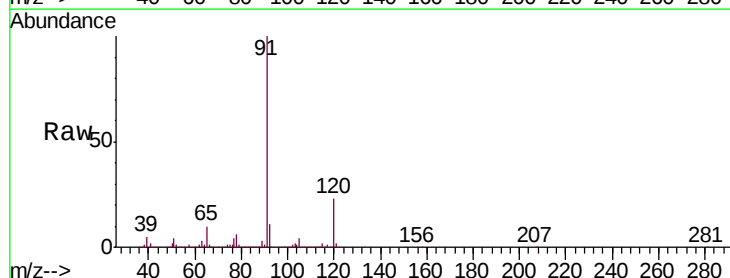
Acq: 25 Jul 2018 9:46

Tgt Ion: 91 Resp: 4741985

Ion Ratio Lower Upper

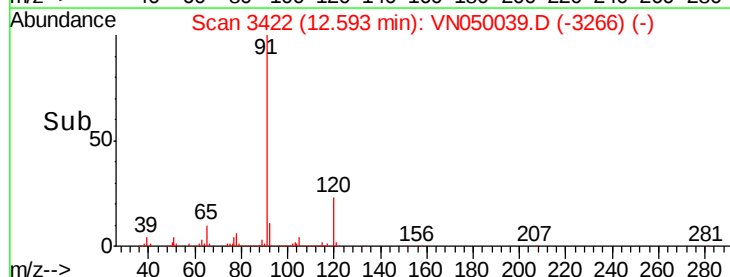
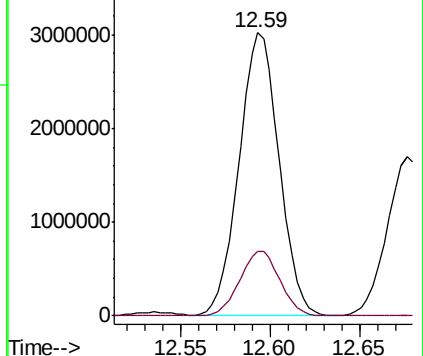
91 100

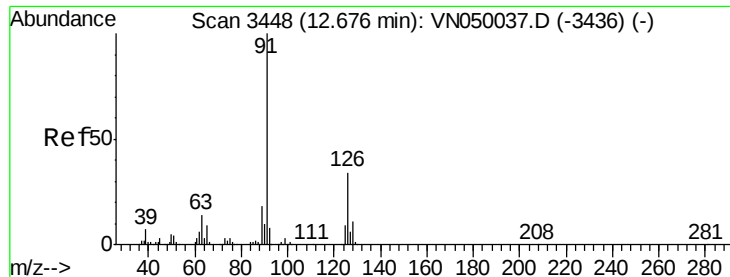
120 23.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 101.521 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

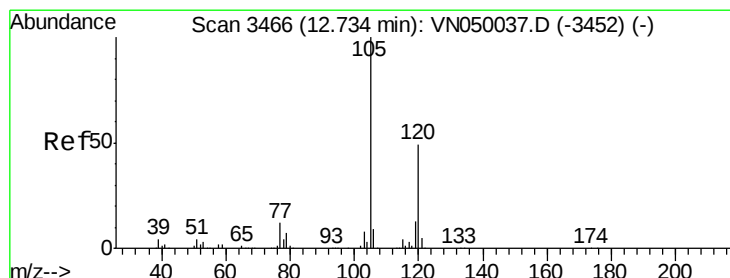
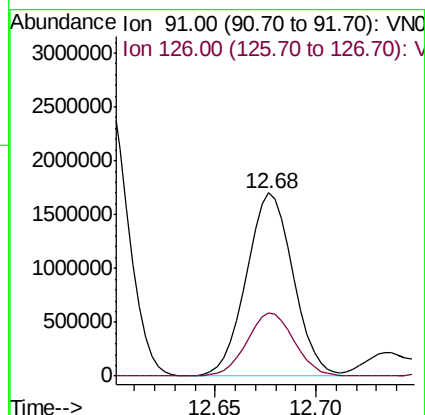
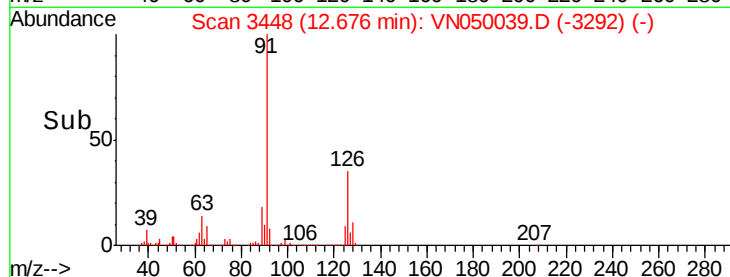
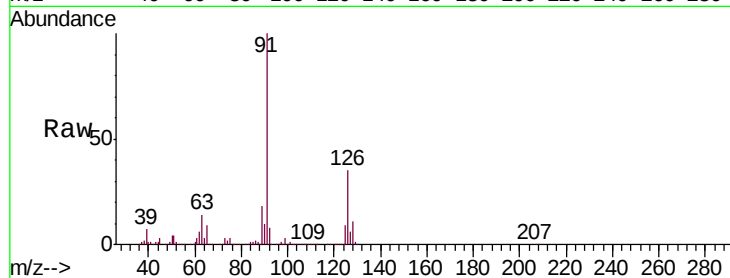
VSTDIC100

Tgt Ion: 91 Resp: 2773089

Ion Ratio Lower Upper

91 100

126 34.8 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 103.765 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050039.D

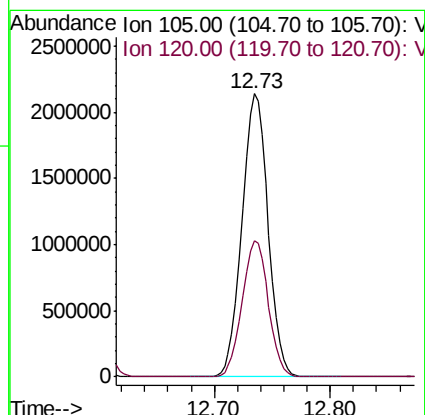
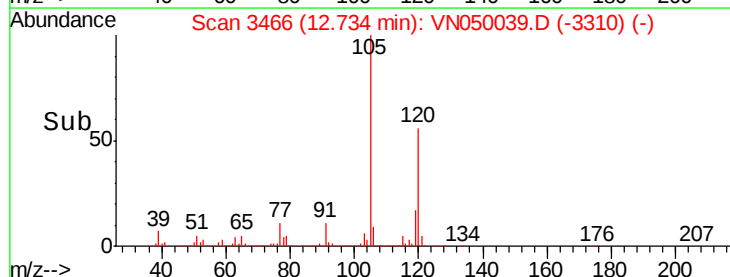
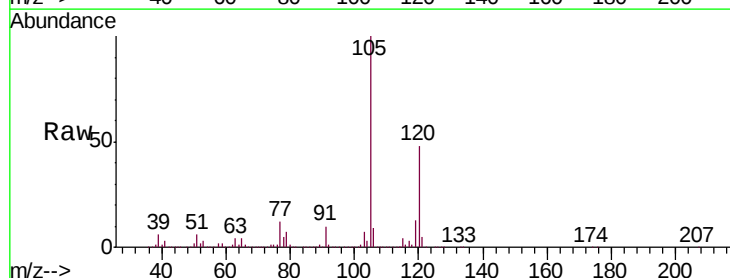
Acq: 25 Jul 2018 9:46

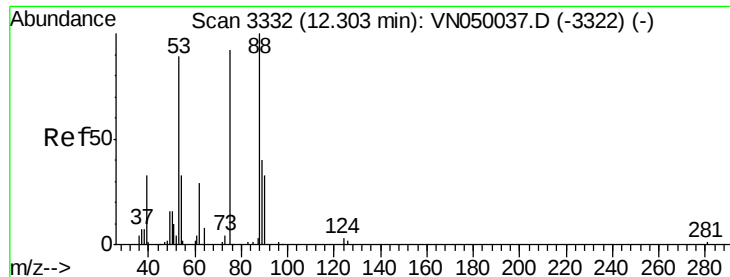
Tgt Ion: 105 Resp: 3327959

Ion Ratio Lower Upper

105 100

120 48.4 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 110.089 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

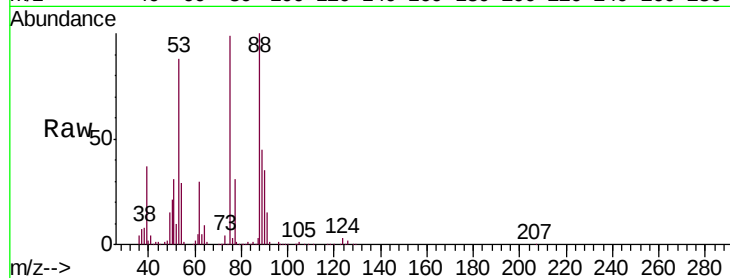
Tgt Ion: 75 Resp: 329578

Ion Ratio Lower Upper

75 100

53 88.2 44.6 134.0

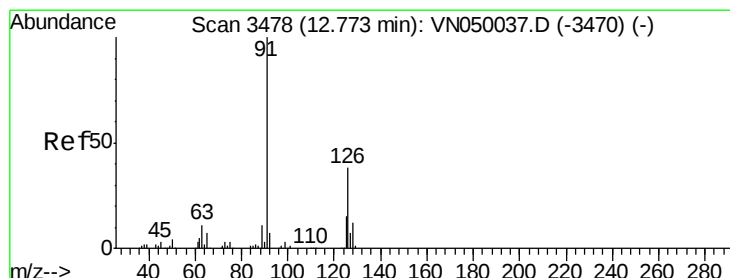
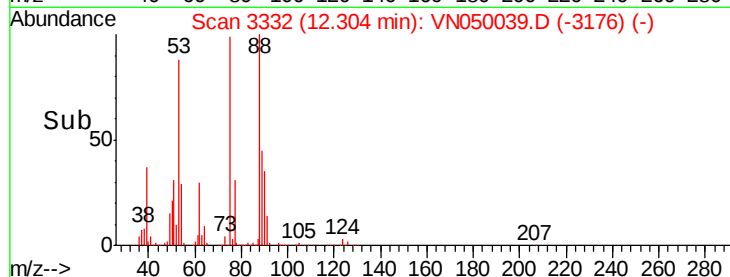
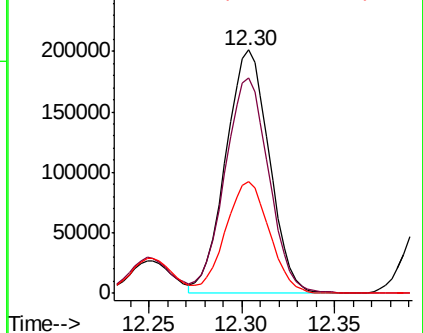
89 45.7 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 103.667 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050039.D

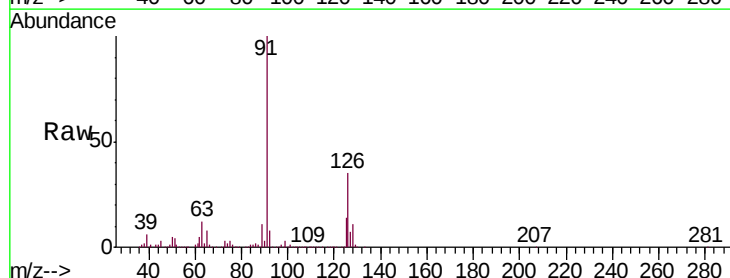
Acq: 25 Jul 2018 9:46

Tgt Ion: 91 Resp: 2806087

Ion Ratio Lower Upper

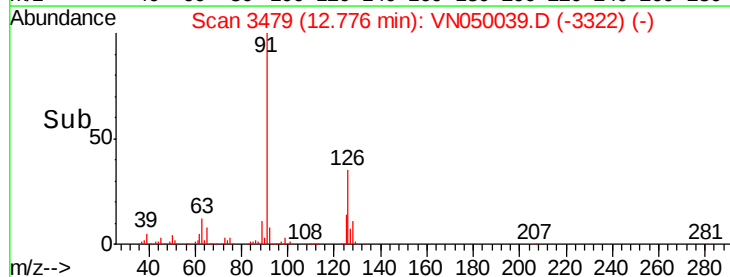
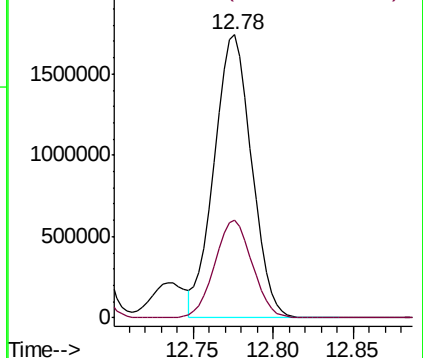
91 100

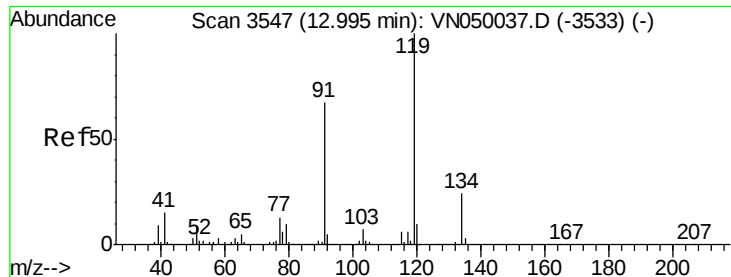
126 34.5 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

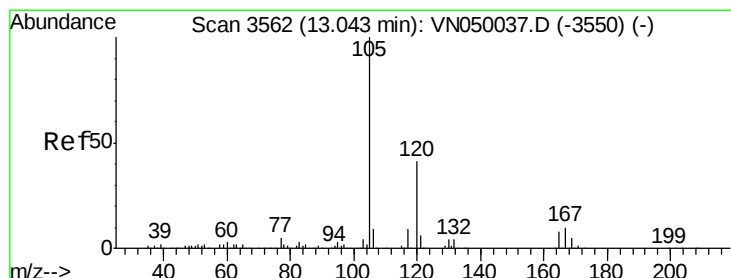
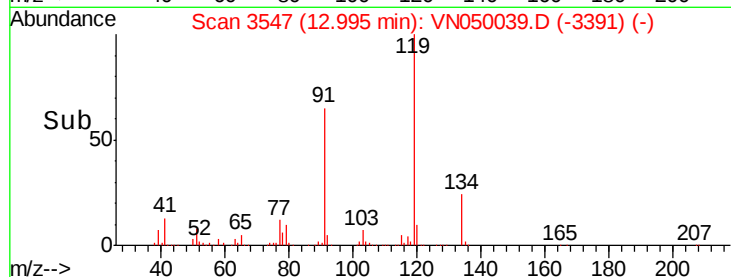
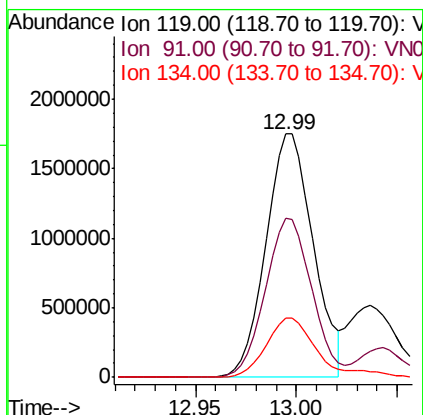
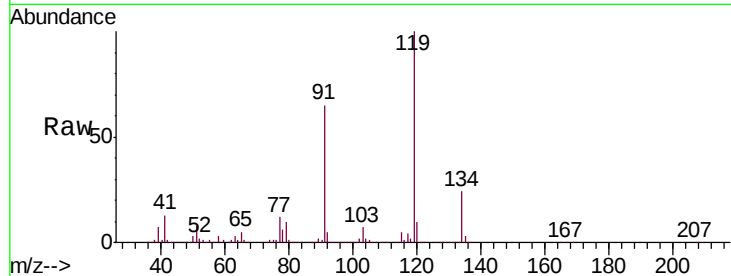




#79
tert-butylbenzene
Concen: 104.248 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

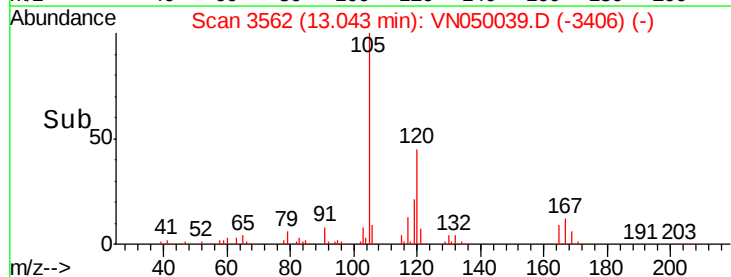
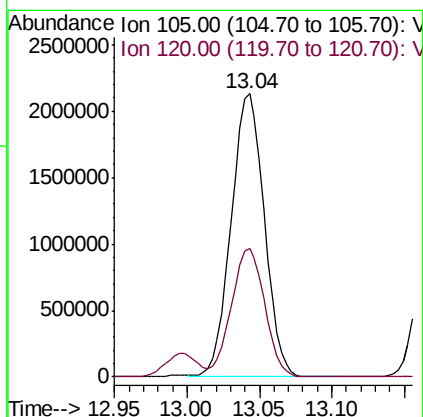
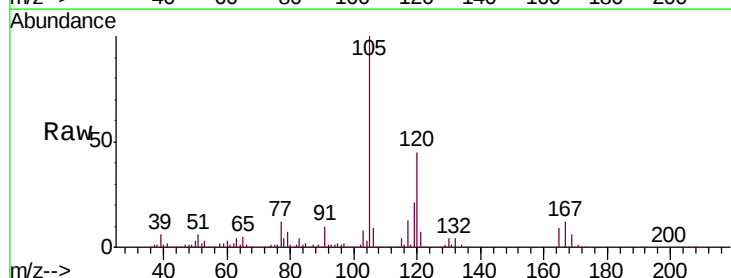
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

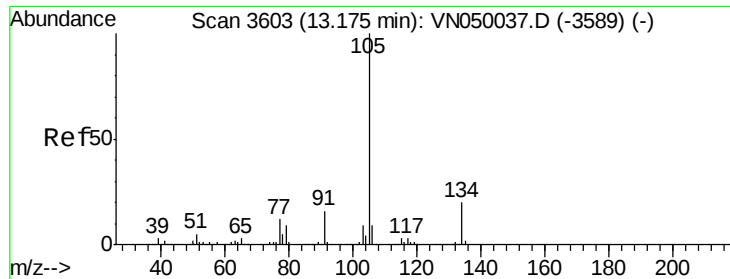
Tgt Ion:119 Resp: 2858520
Ion Ratio Lower Upper
119 100
91 64.0 0.0 126.8
134 24.5 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 104.166 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion:105 Resp: 3384825
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6

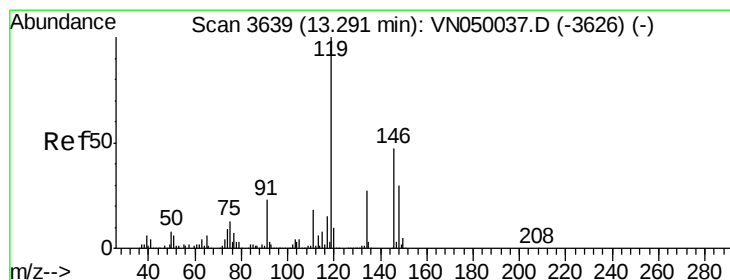
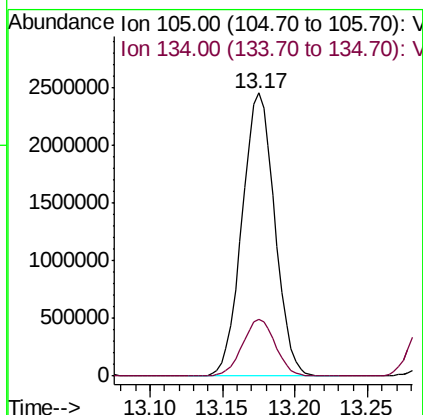
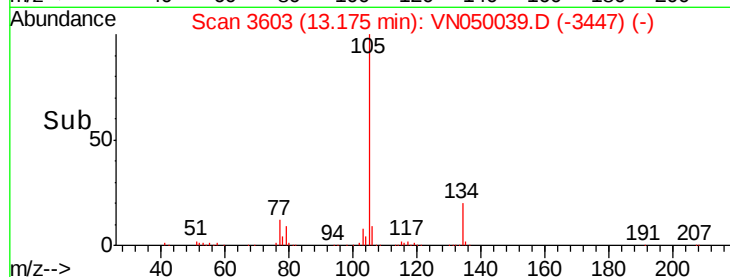
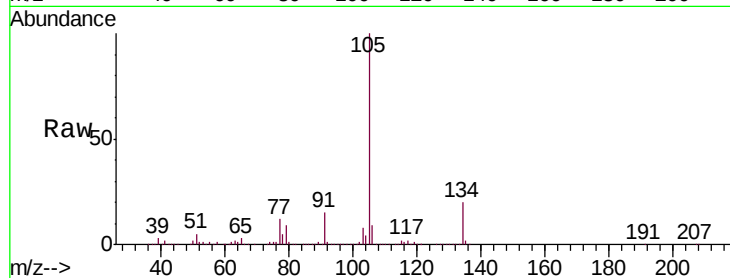




#81
 sec-Butylbenzene
 Concen: 103.427 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

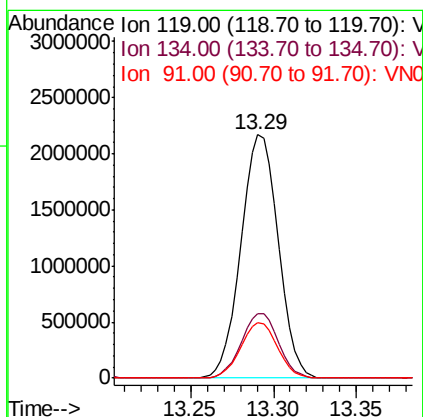
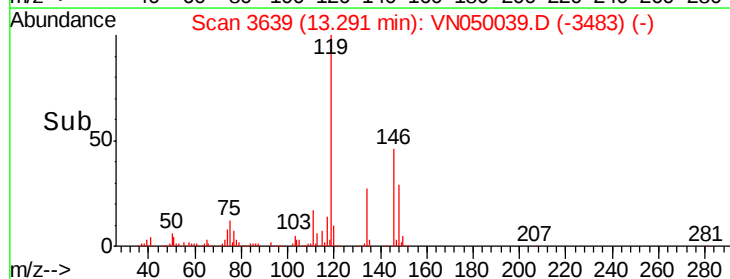
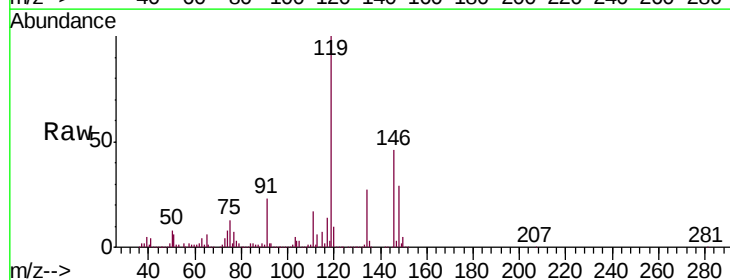
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 3852568
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 106.869 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050039.D
 Acq: 25 Jul 2018 9:46

Tgt Ion:119 Resp: 3396574
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 22.5 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 102.234 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

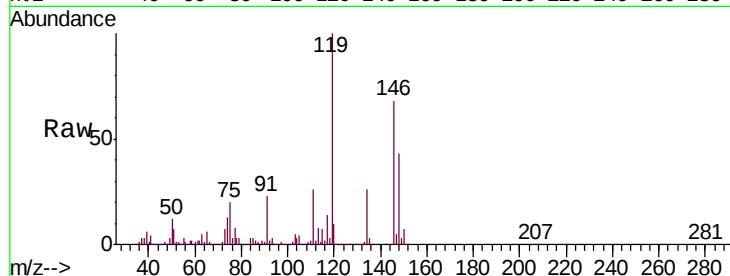
Tgt Ion:146 Resp: 1851717

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

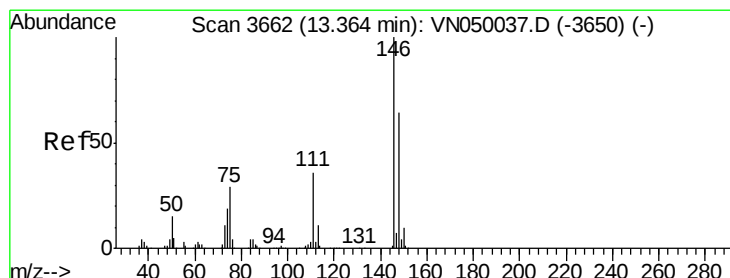
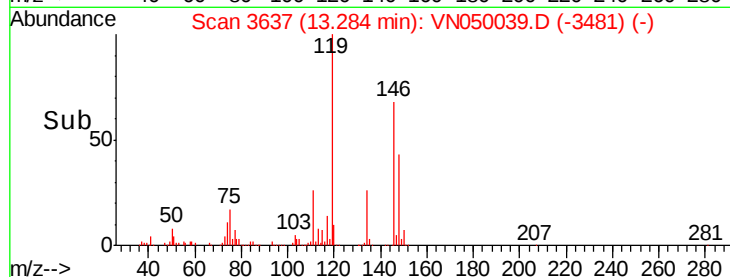
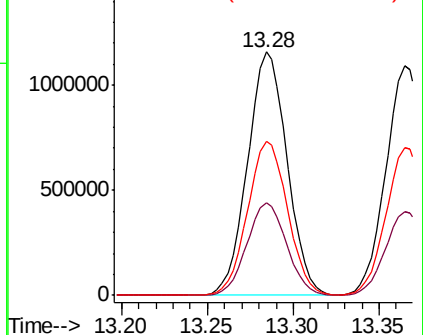
148 63.7 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 104.384 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

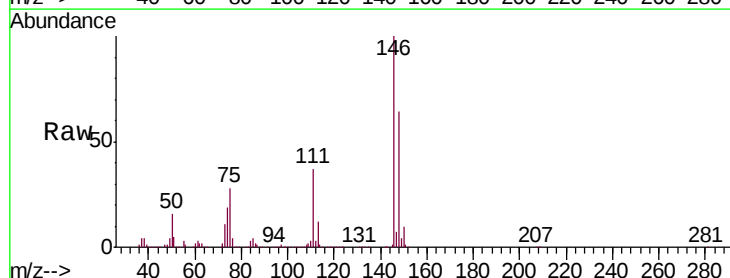
Tgt Ion:146 Resp: 1786660

Ion Ratio Lower Upper

146 100

111 36.7 17.9 53.8

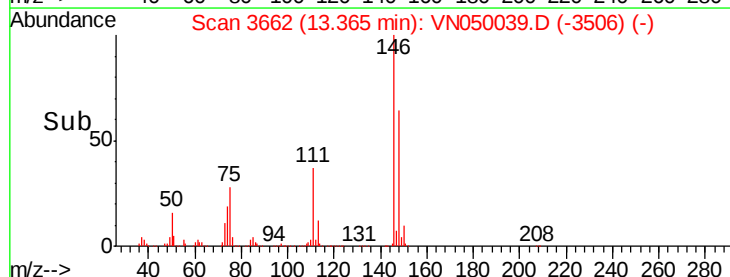
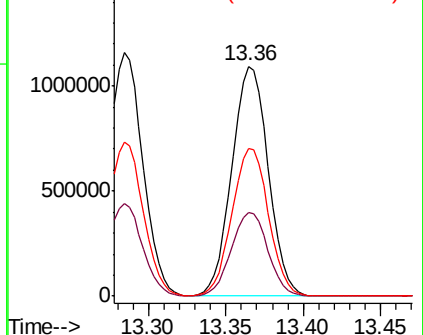
148 64.5 32.4 97.0

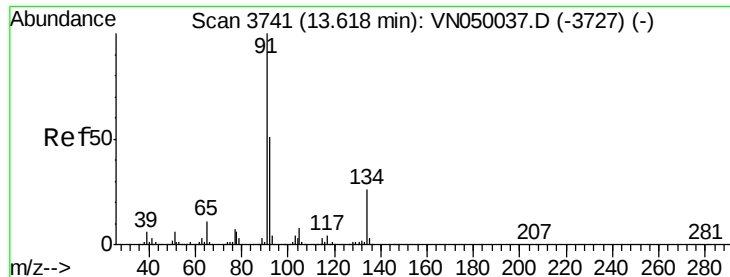


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 110.832 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

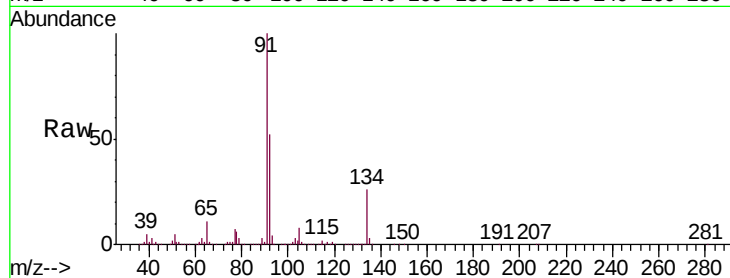
Tgt Ion: 91 Resp: 2858753

Ion Ratio Lower Upper

91 100

92 51.8 0.0 102.8

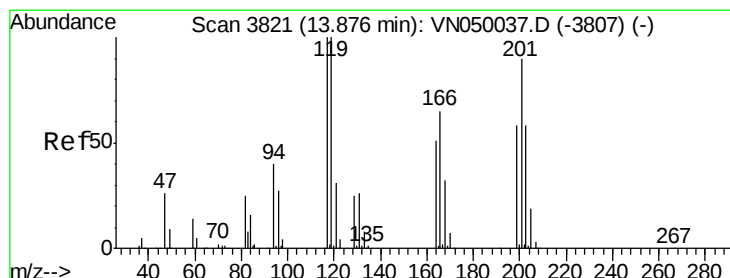
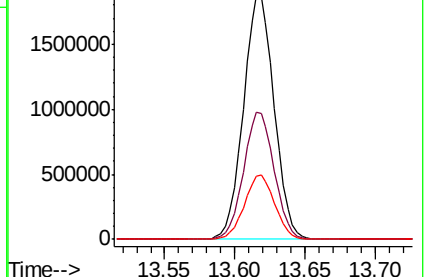
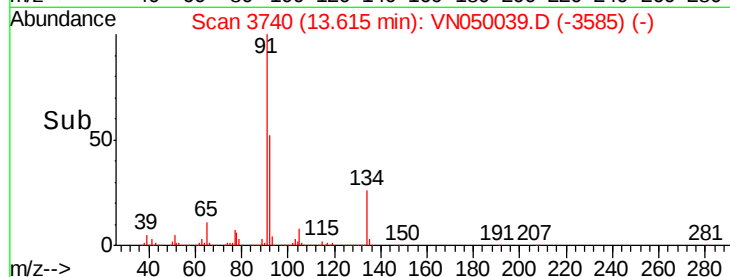
134 25.9 0.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN050037.D (-3727) (-)

Ion 92.00 (91.70 to 92.70): VN050037.D (-3727) (-)

Ion 134.00 (133.70 to 134.70): VN050037.D (-3727) (-)



#86

Hexachloroethane

Concen: 98.891 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050039.D

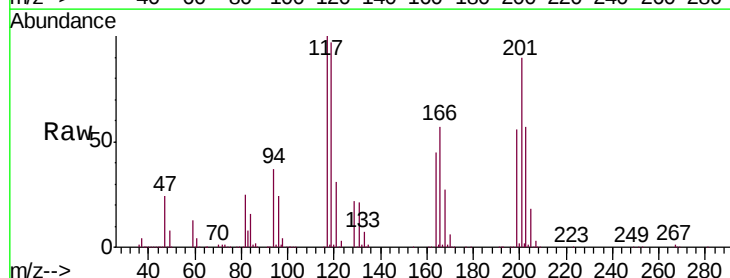
Acq: 25 Jul 2018 9:46

Tgt Ion: 117 Resp: 628077

Ion Ratio Lower Upper

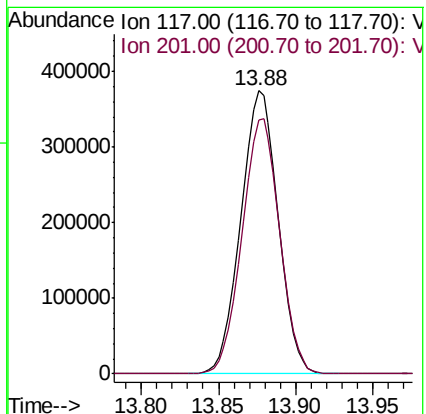
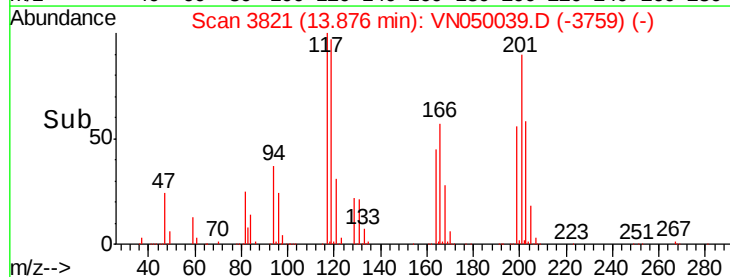
117 100

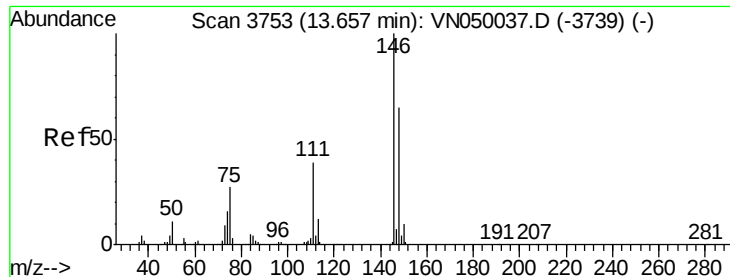
201 90.7 46.6 139.7



Abundance Ion 117.00 (116.70 to 117.70): VN050037.D (-3807) (-)

Ion 201.00 (200.70 to 201.70): VN050037.D (-3807) (-)





#87

1,2-Dichlorobenzene

Concen: 101.429 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

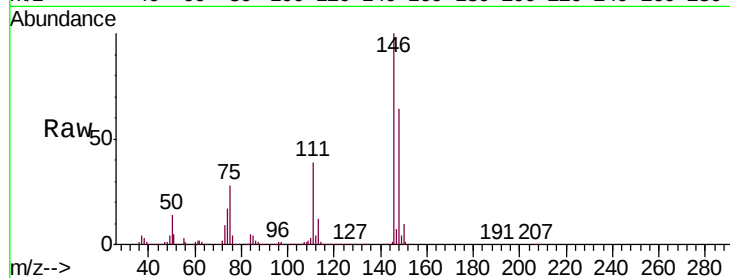
Tgt Ion:146 Resp: 1795740

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

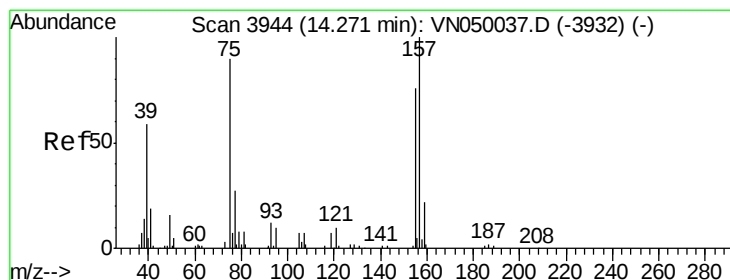
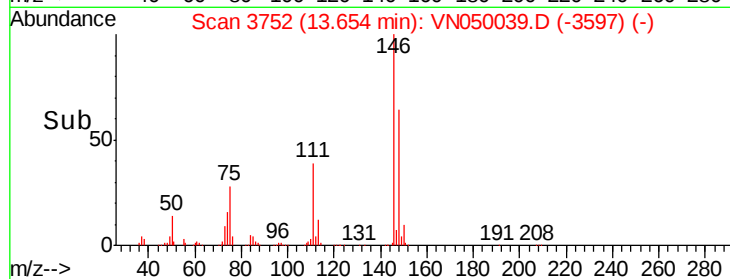
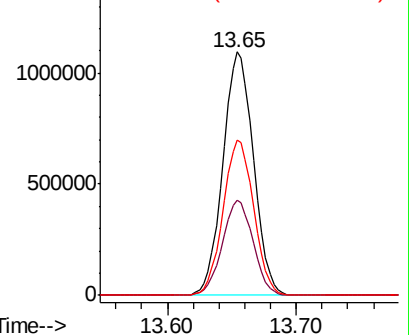
148 64.1 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 102.111 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

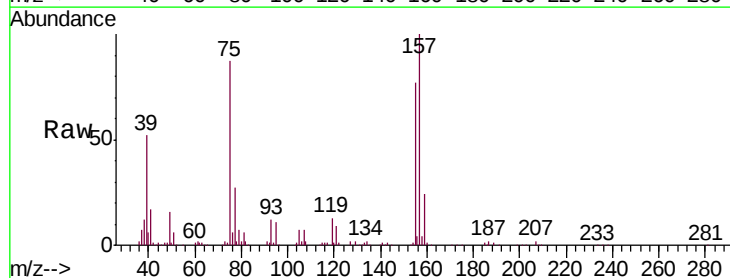
Tgt Ion: 75 Resp: 170542

Ion Ratio Lower Upper

75 100

155 92.8 73.0 109.6

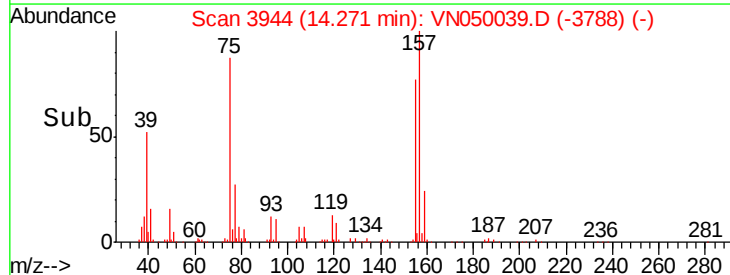
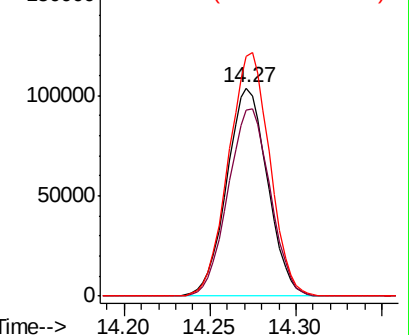
157 118.2 94.9 142.3

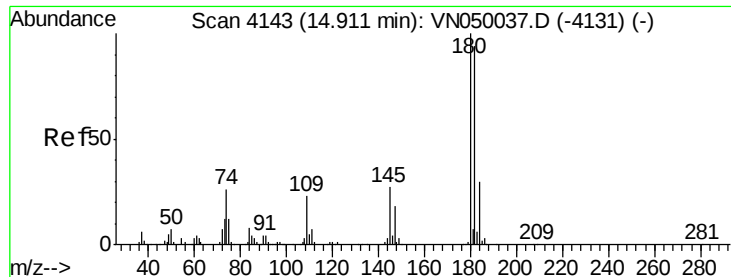


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

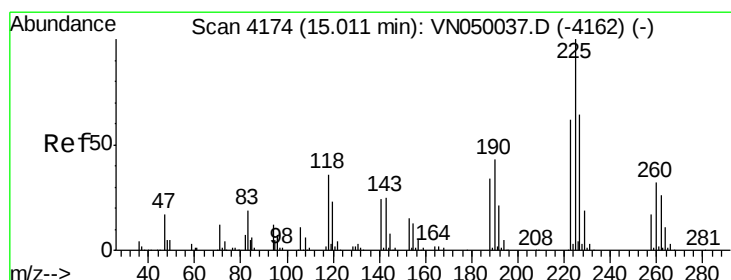
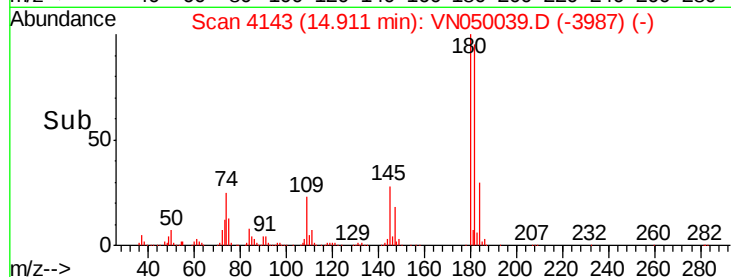
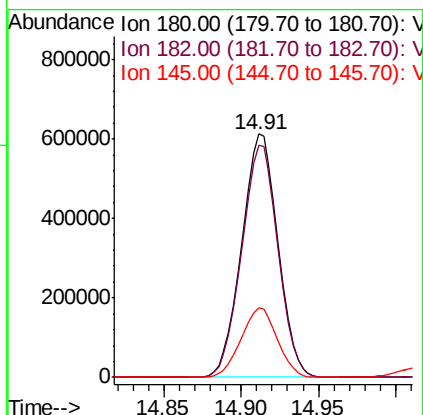
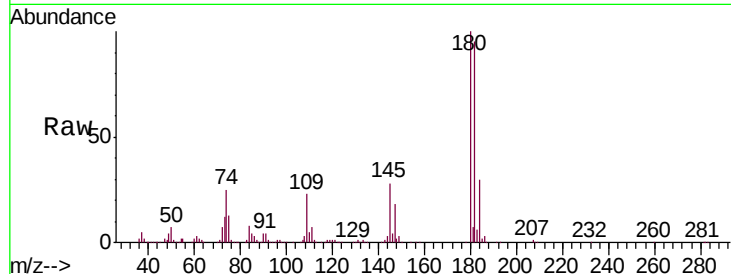




#89
1,2,4-Trichlorobenzene
Concen: 118.246 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

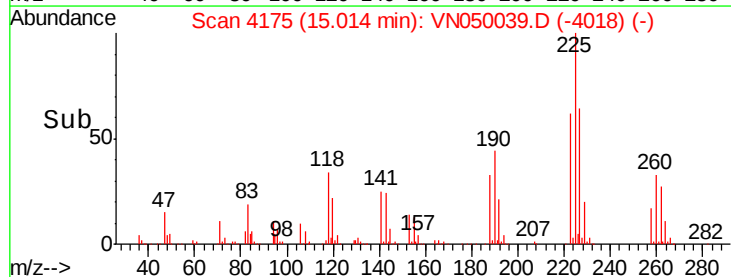
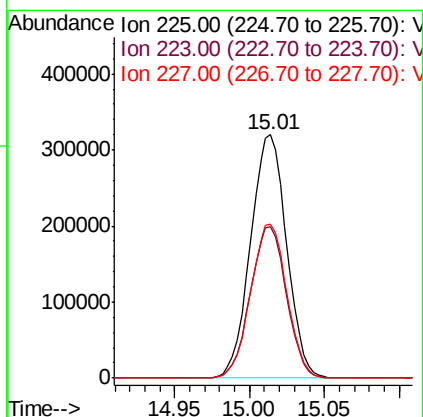
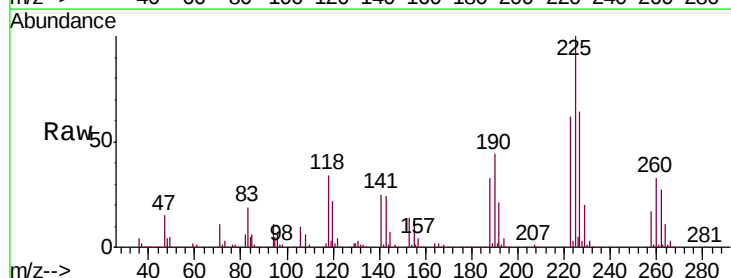
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

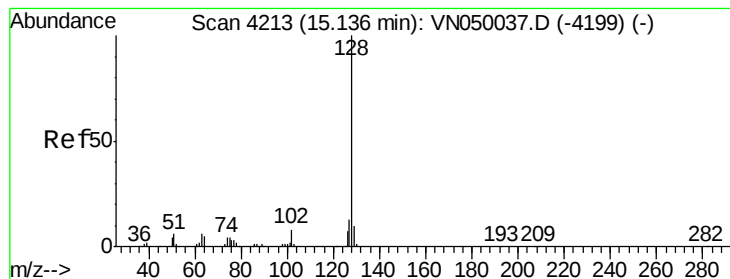
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.7	115.1
145	28.4	23.4	35.0



#90
Hexachlorobutadiene
Concen: 96.068 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN050039.D
Acq: 25 Jul 2018 9:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	124.4
227	63.6	0.0	133.0





#91

Naphthalene

Concen: 97.735 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

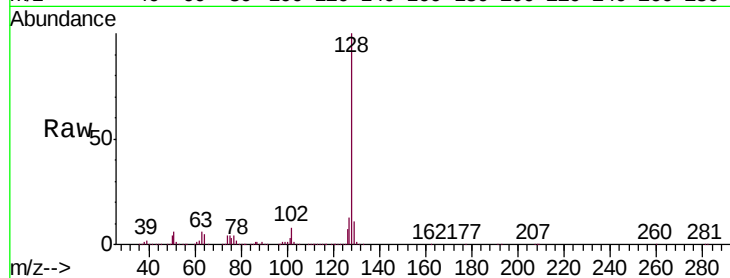
Tgt Ion:128 Resp: 2387775

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

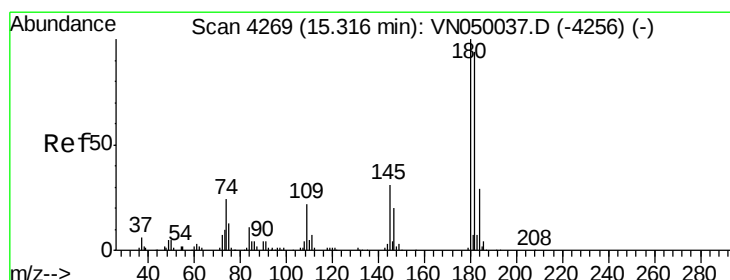
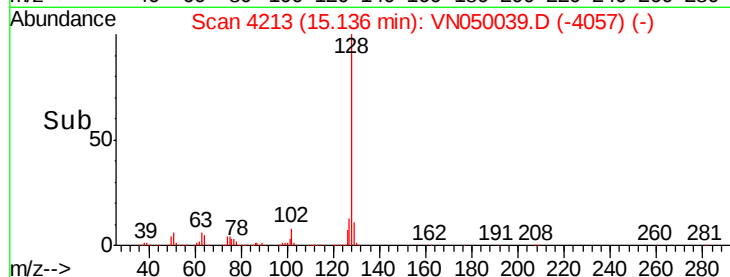
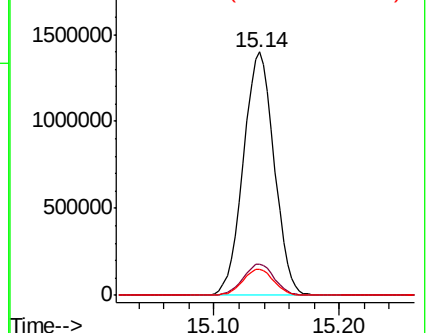
129 10.8 9.0 13.4



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



#92

1,2,3-Trichlorobenzene

Concen: 113.798 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050039.D

Acq: 25 Jul 2018 9:46

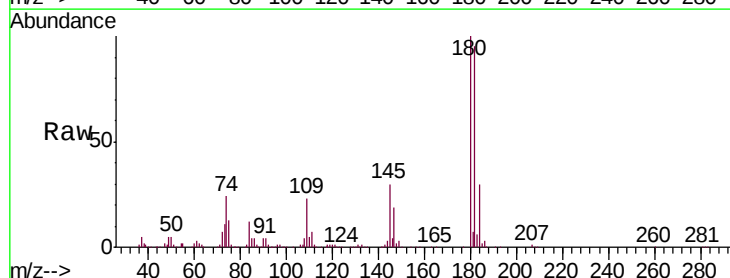
Tgt Ion:180 Resp: 978670

Ion Ratio Lower Upper

180 100

182 95.4 0.0 188.8

145 30.5 0.0 60.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

