

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055006.D
 Acq On : 12 Apr 2019 18:26
 Operator : JC/SP
 Sample : VN0413WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 03:42:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	436042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	693646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	250003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	275686	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	220805	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	816396	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	272486	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	101710	21.147	ug/l	99
3) Chloromethane	2.06	50	127948	19.837	ug/l	100
4) Vinyl Chloride	2.19	62	108168	20.667	ug/l	100
5) Bromomethane	2.56	94	63821	21.065	ug/l	95
6) Chloroethane	2.70	64	56561	19.596	ug/l	100
7) Trichlorofluoromethane	3.02	101	134446	20.479	ug/l	99
8) Diethyl Ether	3.41	74	43137	20.893	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	71212	20.797	ug/l	98
10) Methyl Iodide	3.94	142	91788	18.587	ug/l	100
11) Tert butyl alcohol	4.83	59	37924	112.627	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	66854	19.830	ug/l	95
13) Acrolein	3.61	56	38904	95.719	ug/l	99
14) Allyl chloride	4.31	41	168872	20.501	ug/l	99
15) Acrylonitrile	5.00	53	191016	102.851	ug/l	99
16) Acetone	3.82	43	152415	101.391	ug/l	98
17) Carbon Disulfide	4.04	76	213825	19.473	ug/l	99
18) Methyl Acetate	4.33	43	93395	20.043	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	249094	20.680	ug/l	100
20) Methylene Chloride	4.54	84	102336	20.068	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	90931	20.474	ug/l	92
22) Diisopropyl ether	5.96	45	344126	20.605	ug/l	97
23) Vinyl Acetate	5.90	43	1224122	104.793	ug/l	98
24) 1,1-Dichloroethane	5.84	63	181499	20.121	ug/l	99
25) 2-Butanone	6.85	43	245425	106.005	ug/l	98
26) 2,2-Dichloropropane	6.82	77	121442	20.350	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	103573	20.075	ug/l	99
28) Bromochloromethane	7.19	49	89323	20.871	ug/l	100
29) Tetrahydrofuran	7.22	42	162672	107.182	ug/l	99
30) Chloroform	7.37	83	176519	20.522	ug/l	98
31) Cyclohexane	7.65	56	175413	20.210	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	140952	20.570	ug/l	99
36) 1,1-Dichloropropene	7.79	75	129893	20.262	ug/l	100
37) Ethyl Acetate	6.94	43	104849	21.786	ug/l	99
38) Carbon Tetrachloride	7.77	117	118780	19.684	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	149364	20.352	ug/l	99
40) Benzene	8.04	78	395442	20.403	ug/l	99
41) Methacrylonitrile	7.18	41	56296	19.011	ug/l	98
42) 1,2-Dichloroethane	8.13	62	137809	20.212	ug/l	100
43) Isopropyl Acetate	8.17	43	172070	20.910	ug/l	99
44) Trichloroethene	8.83	130	98798	19.947	ug/l	93
45) 1,2-Dichloropropane	9.12	63	110976	20.290	ug/l	100
46) Dibromomethane	9.21	93	62415	19.916	ug/l	96
47) Bromodichloromethane	9.40	83	129256	20.281	ug/l	98
48) Methyl methacrylate	9.20	41	85828	20.246	ug/l	97
49) 1,4-Dioxane	9.20	88	19911	436.737	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	500985	103.974	ug/l	99
52) Toluene	10.16	92	236492	20.632	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	114260	19.799	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	143740	20.220	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	86911	20.354	ug/l	95
56) Ethyl methacrylate	10.43	69	111565	20.305	ug/l	98
57) 1,3-Dichloropropane	10.71	76	153631	20.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	217052	99.718	ug/l	100
59) 2-Hexanone	10.75	43	313515	104.124	ug/l	98
60) Dibromochloromethane	10.90	129	85906	20.212	ug/l	99
61) 1,2-Dibromoethane	11.00	107	81990	20.055	ug/l	99
64) Tetrachloroethene	10.63	164	98264	20.646	ug/l	98
65) Chlorobenzene	11.43	112	245571	20.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	89026	20.591	ug/l	98
67) Ethyl Benzene	11.51	91	443541	20.582	ug/l	99
68) m/p-Xylenes	11.62	106	331036	41.986	ug/l	98
69) o-Xylene	11.95	106	157790	20.227	ug/l	99
70) Styrene	11.96	104	255972	20.694	ug/l	98
71) Bromoform	12.13	173	52985	19.534	ug/l #	99
73) Isopropylbenzene	12.25	105	431095	20.281	ug/l	99
74) N-amyl acetate	12.07	43	126388	19.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	108727	19.757	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	124376	27.042	ug/l #	100
77) Bromobenzene	12.53	156	104225	21.336	ug/l	97
78) n-propylbenzene	12.59	91	478012	20.641	ug/l	100
79) 2-Chlorotoluene	12.67	91	288022	20.132	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	348165	20.121	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22069	19.804	ug/l	95
82) 4-Chlorotoluene	12.77	91	275341	19.900	ug/l	98
83) tert-Butylbenzene	12.99	119	299402	20.197	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	337482	20.340	ug/l	100
85) sec-Butylbenzene	13.17	105	390971	20.657	ug/l	100
86) p-Isopropyltoluene	13.29	119	339162	20.601	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	168536	19.847	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	158702	19.541	ug/l	98
89) n-Butylbenzene	13.61	91	254640	19.694	ug/l	100
90) Hexachloroethane	13.87	117	51424	18.903	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	167101	20.271	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14449	20.191	ug/l	98

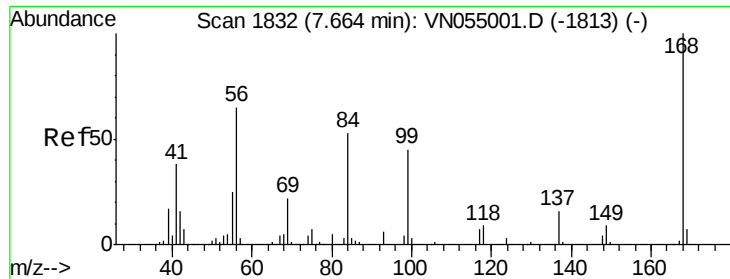
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	66202	18.559	ug/l	98
94) Hexachlorobutadiene	15.01	225	57081	21.906	ug/l	97
95) Naphthalene	15.13	128	146540	18.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	71050	19.107	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

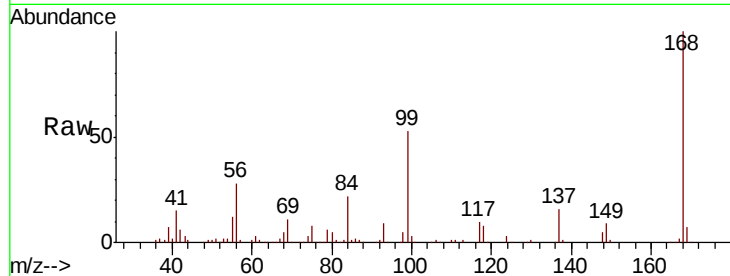
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 436042

Ion Ratio Lower Upper

168 100

99 51.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

150000

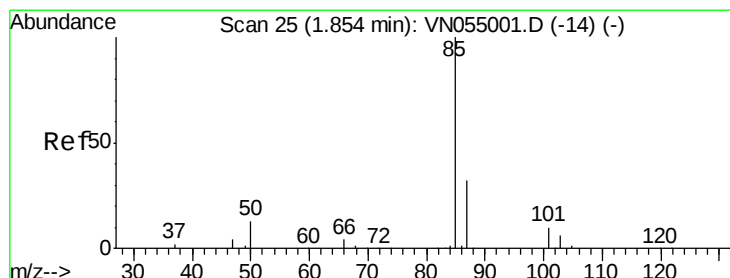
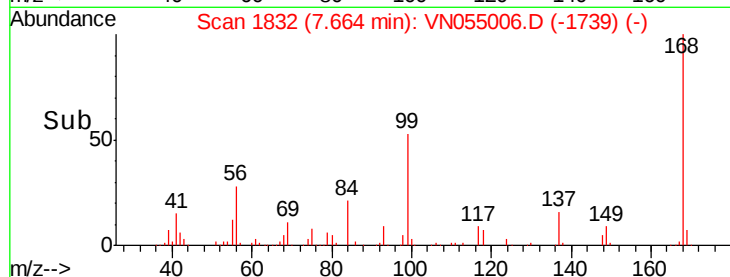
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 21.147 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055006.D

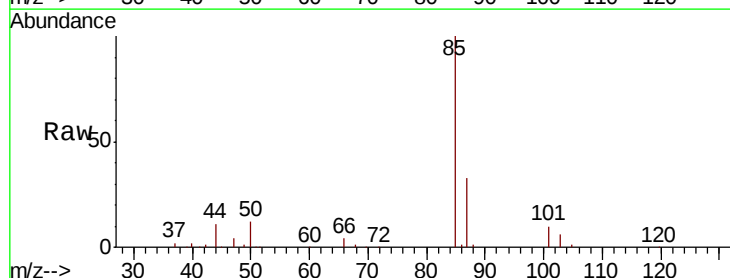
Acq: 12 Apr 2019 18:26

Tgt Ion: 85 Resp: 101710

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

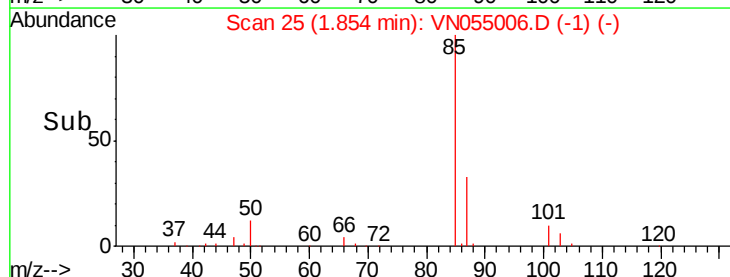
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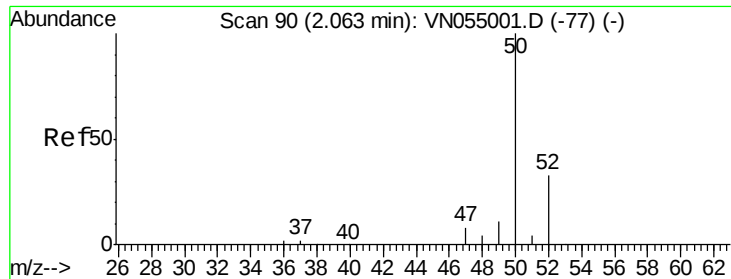
20000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 19.837 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

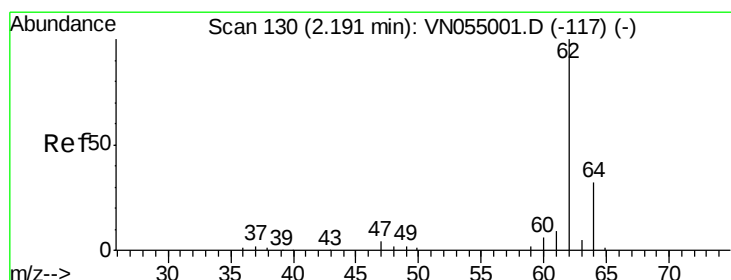
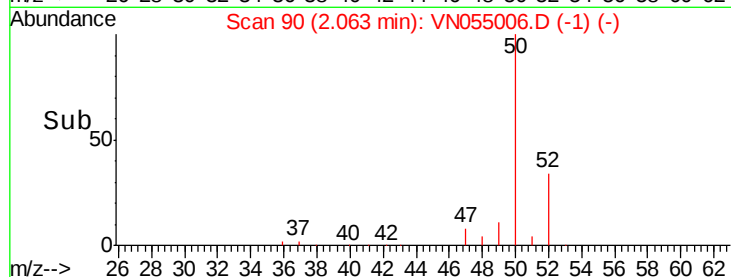
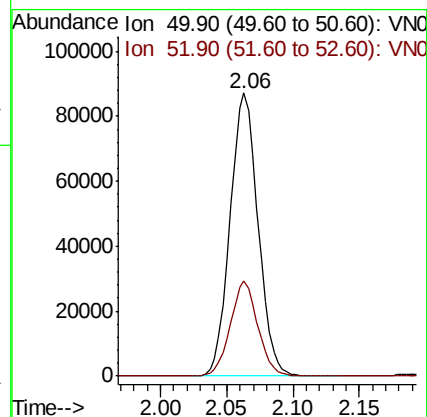
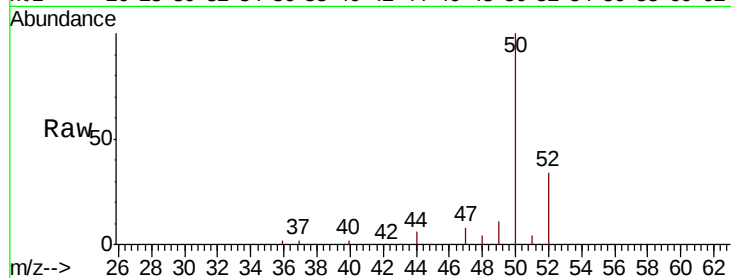
ClientSampleId :

Tot Ion: 50 Resp: 127948

Ion Ratio Lower Upper

50 100

52 33.5 26.6 40.0



#4

Vinyl Chloride

Concen: 20.667 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055006.D

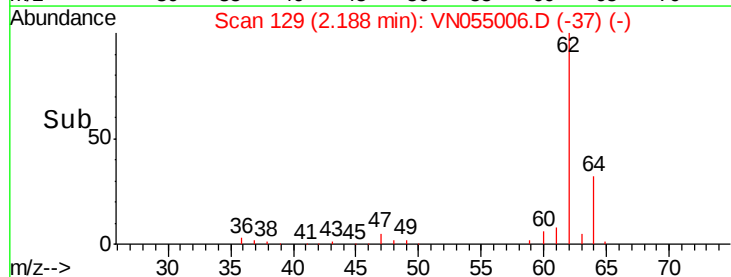
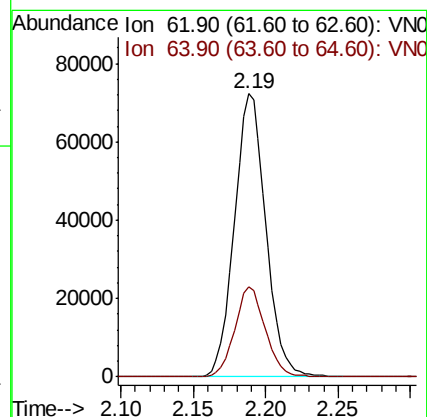
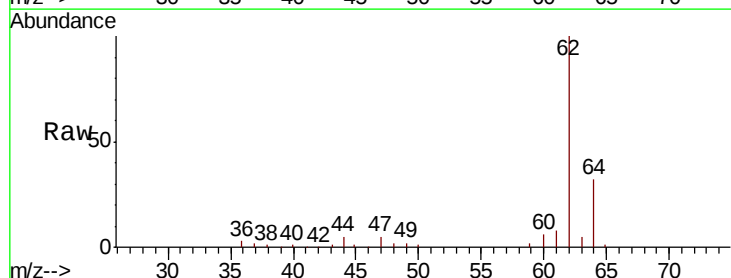
Acq: 12 Apr 2019 18:26

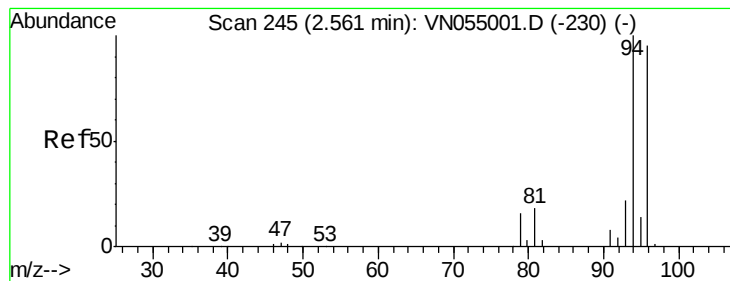
Tgt Ion: 62 Resp: 108168

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 21.065 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

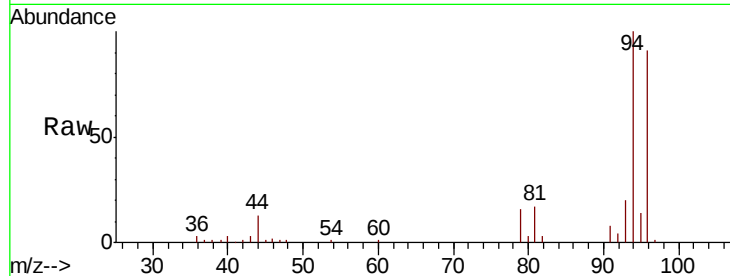
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 63821

Ion Ratio Lower Upper

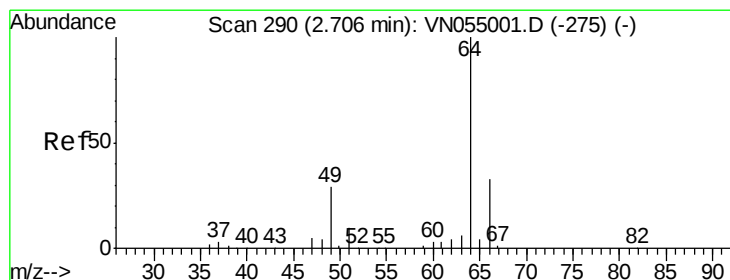
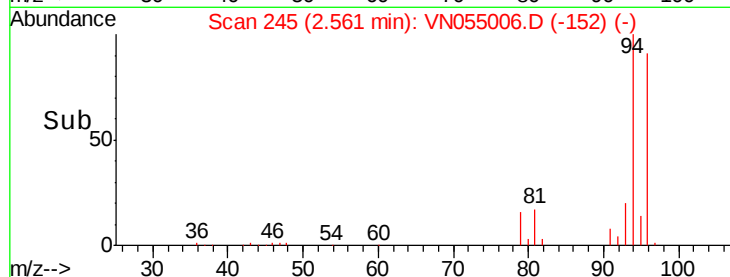
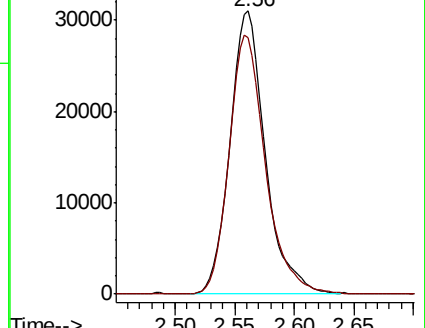
94 100

96 90.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN055001.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN055001.D (-230) (-)



#6

Chloroethane

Concen: 19.596 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN055006.D

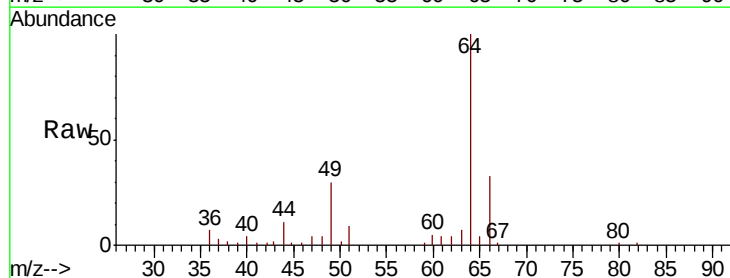
Acq: 12 Apr 2019 18:26

Tgt Ion: 64 Resp: 56561

Ion Ratio Lower Upper

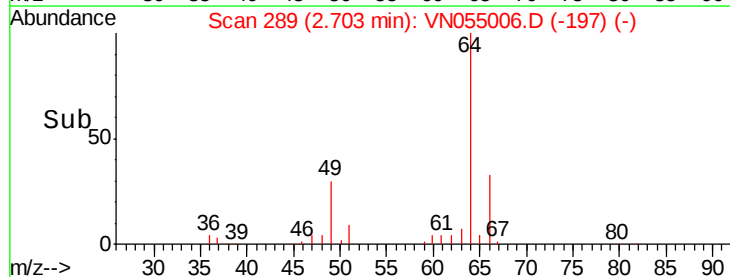
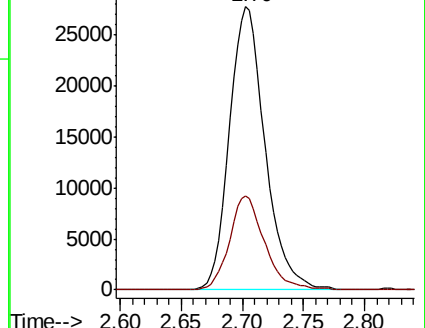
64 100

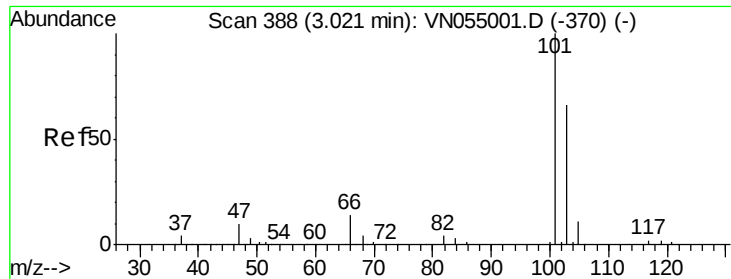
66 33.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN055001.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN055001.D (-275) (-)



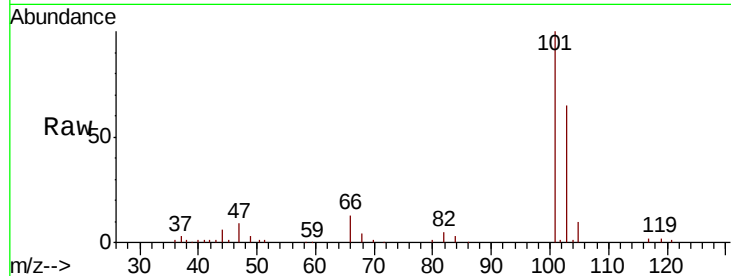


#7

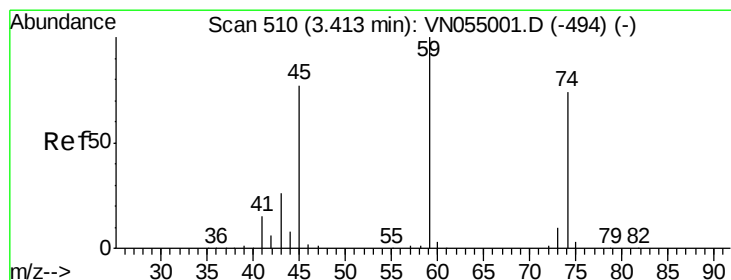
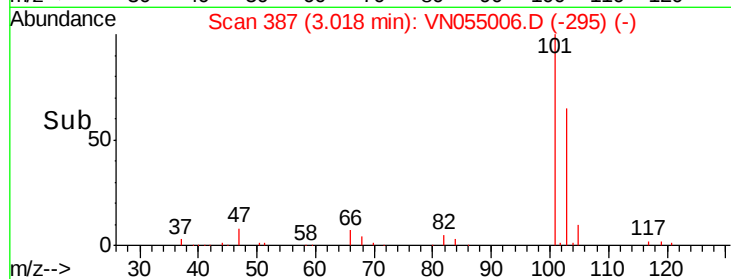
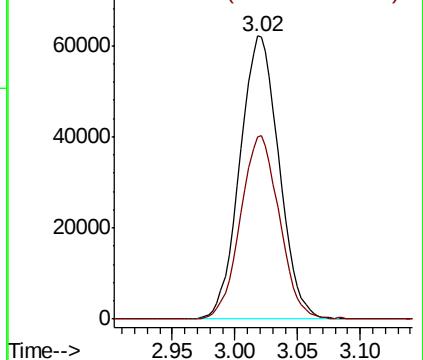
Trichlorofluoromethane
 Concen: 20.479 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 134446
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.5 78.7



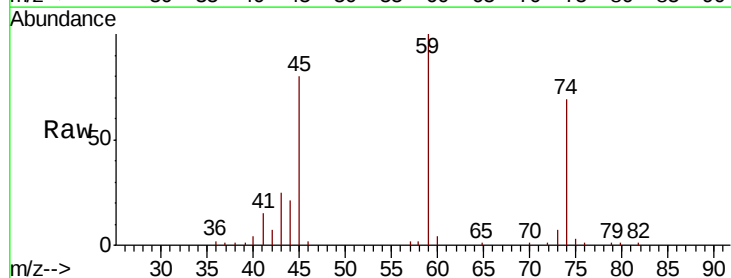
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



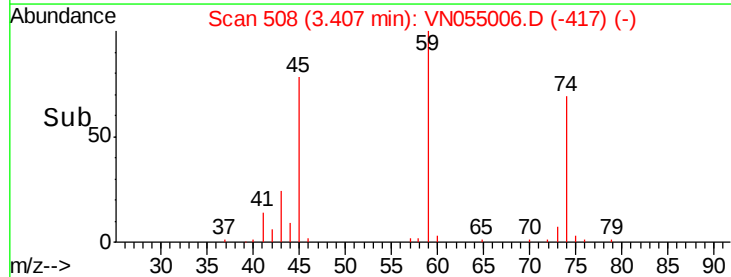
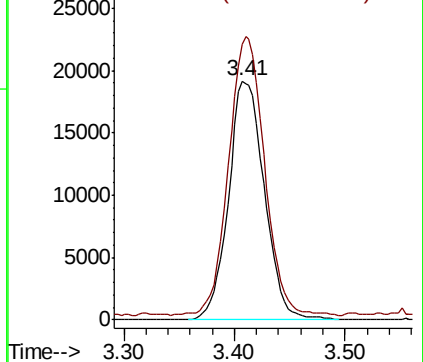
#8

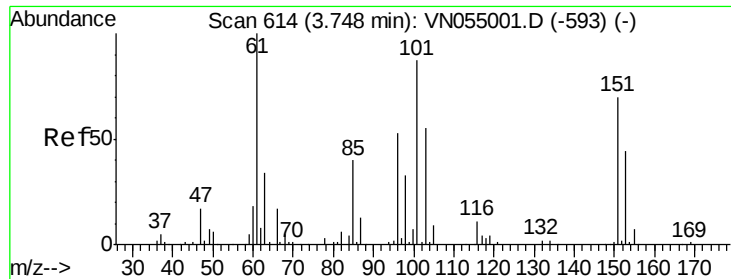
Diethyl Ether
 Concen: 20.893 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion: 74 Resp: 43137
 Ion Ratio Lower Upper
 74 100
 45 113.9 55.7 167.1



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.797 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

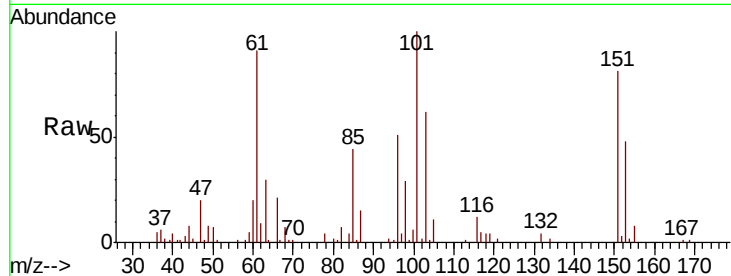
Tot Ion:101 Resp: 71212

Ion Ratio Lower Upper

101 100

85 44.4 36.9 55.3

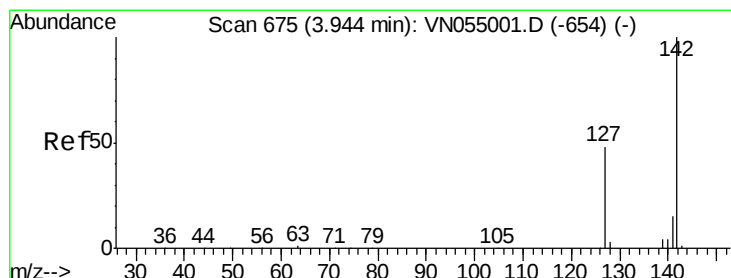
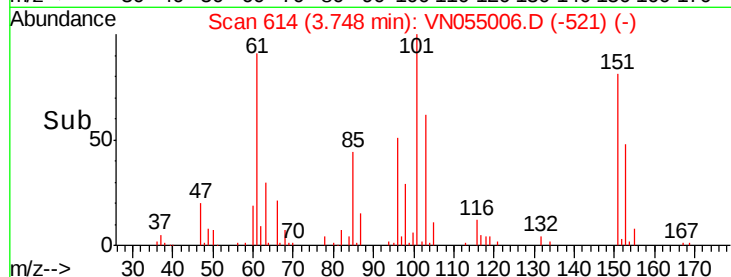
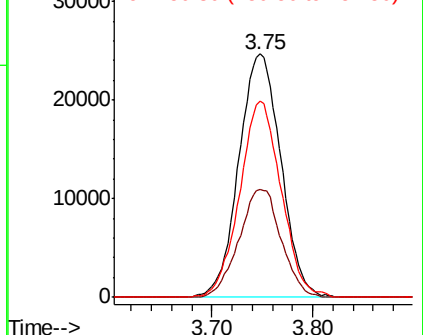
151 79.6 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.587 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

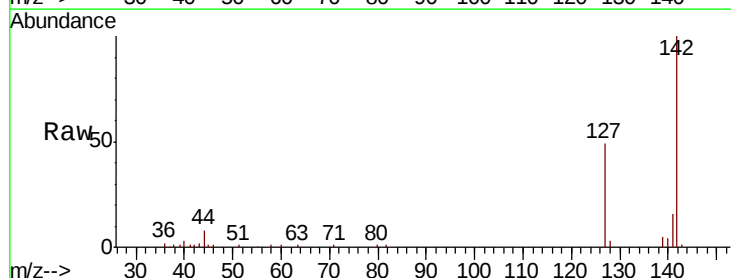
Tgt Ion:142 Resp: 91788

Ion Ratio Lower Upper

142 100

127 47.3 37.9 56.9

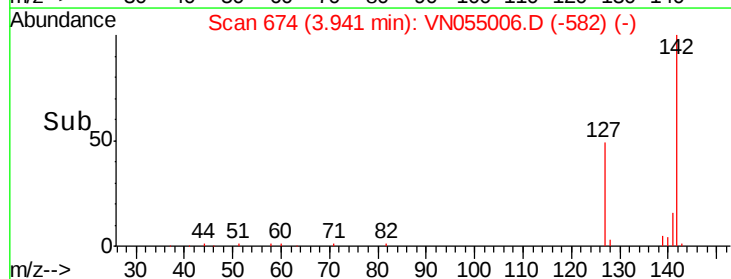
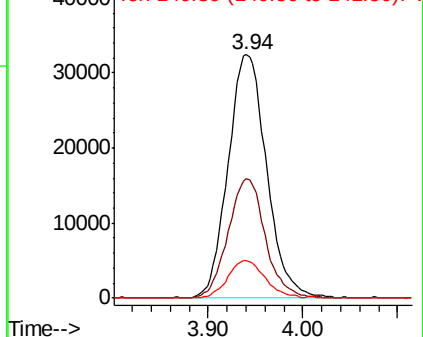
141 15.0 11.8 17.8

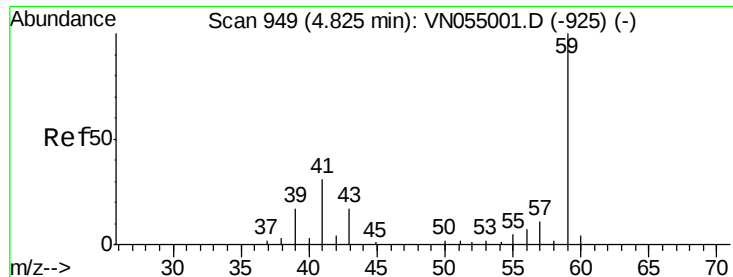


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

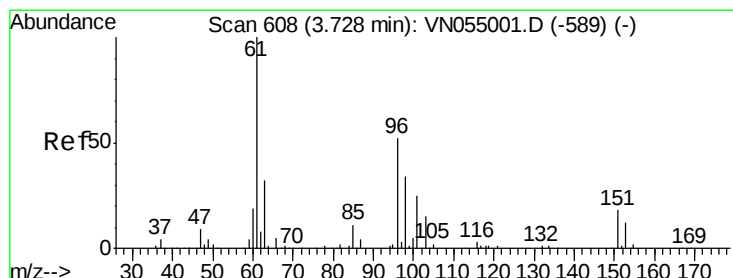
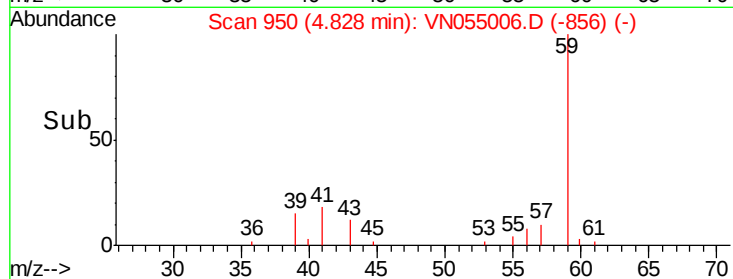
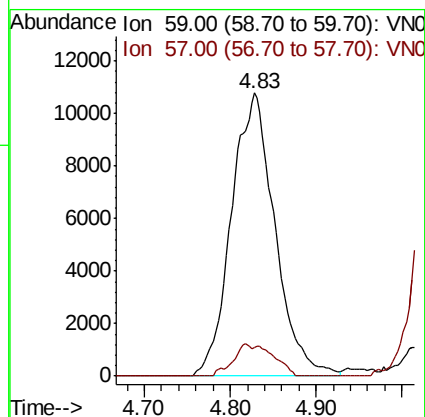
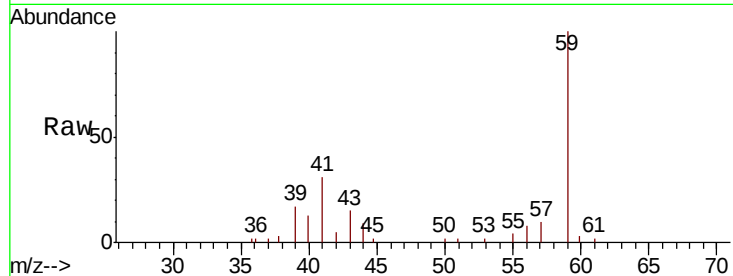




#11
Tert butyl alcohol
Concen: 112.627 ug/l
RT: 4.83 min Scan# 950
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

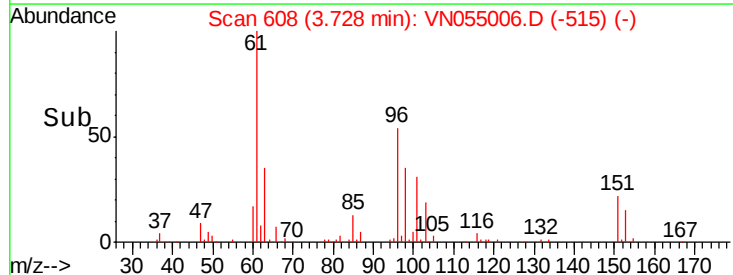
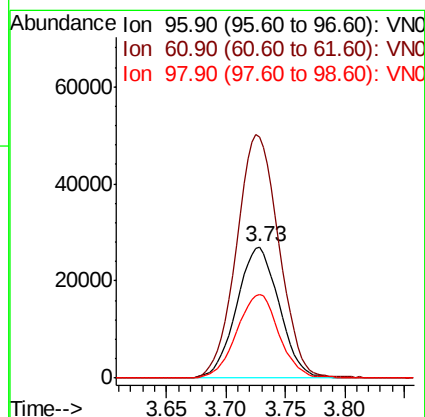
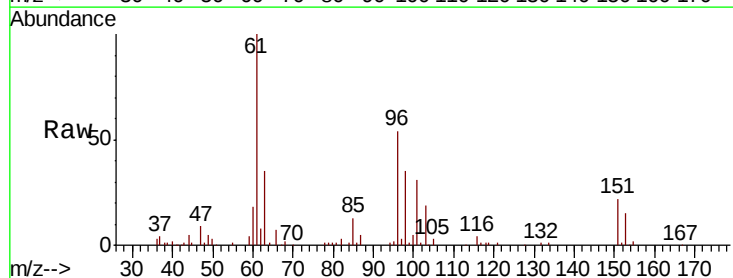
Instrument :
MSVOA_N
ClientSampled :

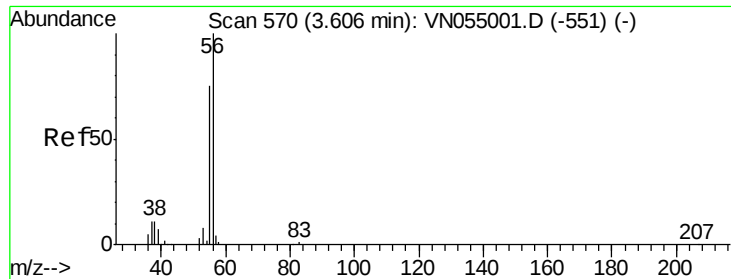
Tot Ion: 59 Resp: 37924
Ion Ratio Lower Upper
59 100
57 4.8 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.830 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 96 Resp: 66854
Ion Ratio Lower Upper
96 100
61 183.6 154.2 231.4
98 63.5 52.9 79.3





#13

Acrolein

Concen: 95.719 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

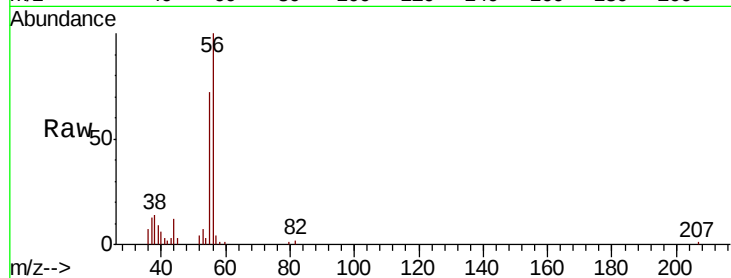
ClientSampleId :

Tot Ion: 56 Resp: 38904

Ion Ratio Lower Upper

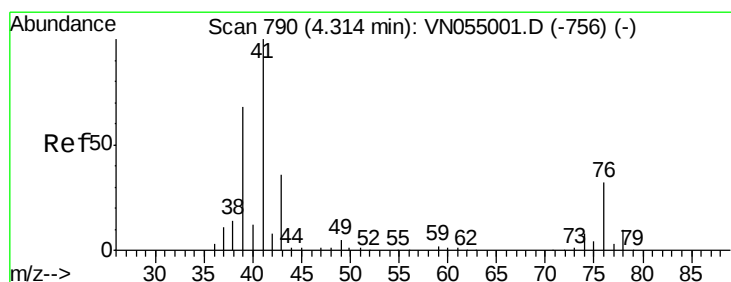
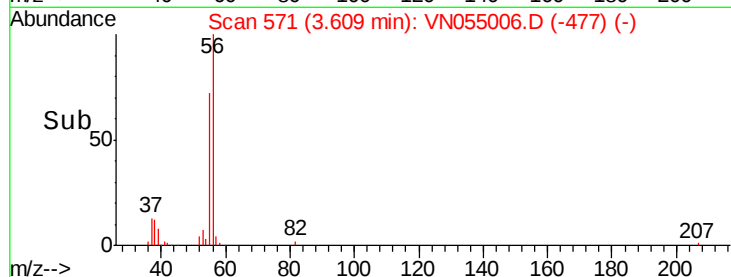
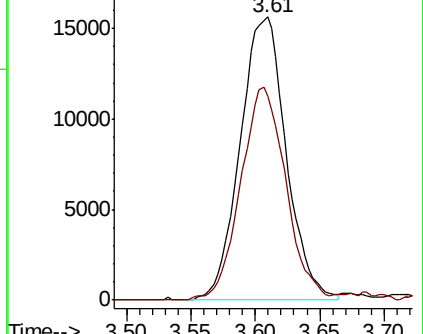
56 100

55 73.7 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN055001.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN055001.D (-551) (-)



#14

Allyl chloride

Concen: 20.501 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

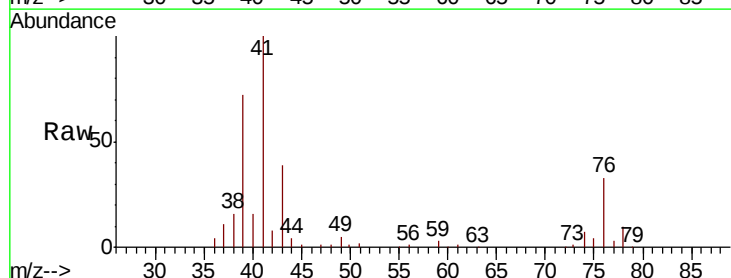
Tgt Ion: 41 Resp: 168872

Ion Ratio Lower Upper

41 100

39 66.5 52.7 79.1

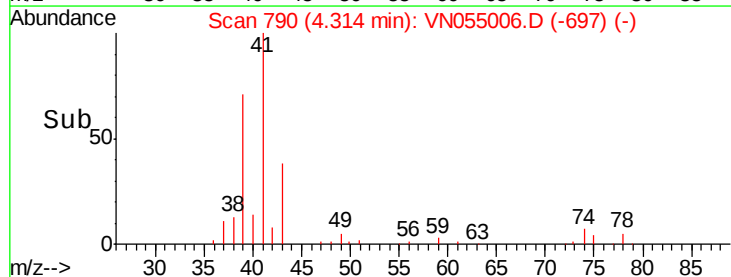
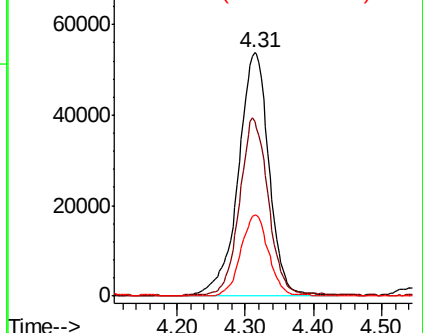
76 30.0 23.2 34.8

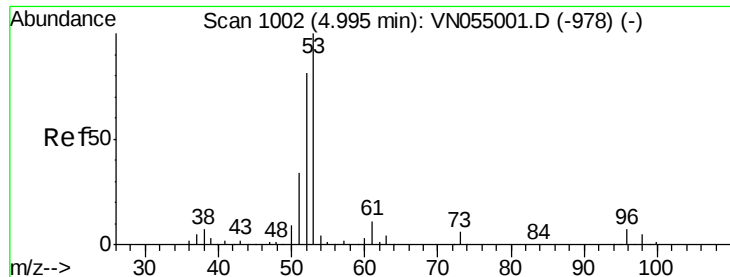


Abundance Ion 41.00 (40.70 to 41.70): VN055001.D (-756) (-)

Ion 39.00 (38.70 to 39.70): VN055001.D (-756) (-)

Ion 75.90 (75.60 to 76.60): VN055001.D (-756) (-)





#15

Acrylonitrile

Concen: 102.851 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

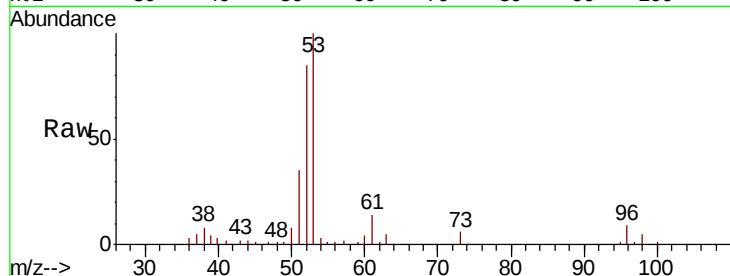
Tot Ion: 53 Resp: 191016

Ion Ratio Lower Upper

53 100

52 83.6 65.9 98.9

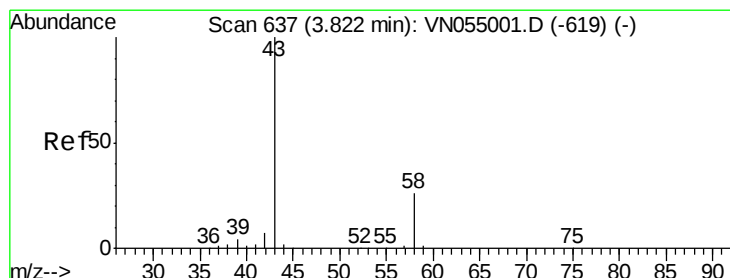
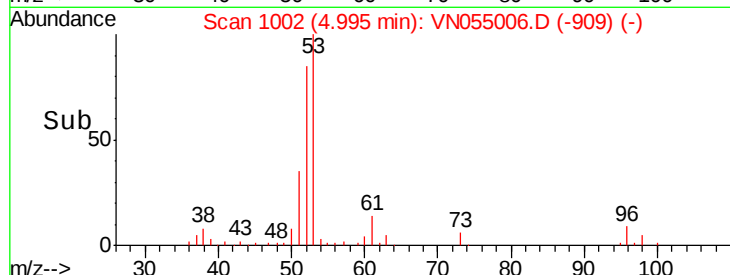
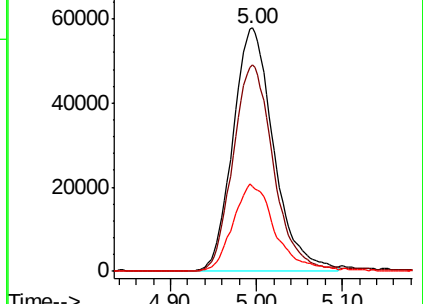
51 37.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN055001.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN055001.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN055001.D (-978) (-)



#16

Acetone

Concen: 101.391 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055006.D

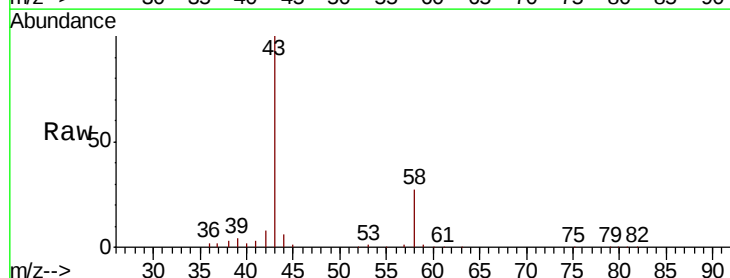
Acq: 12 Apr 2019 18:26

Tgt Ion: 43 Resp: 152415

Ion Ratio Lower Upper

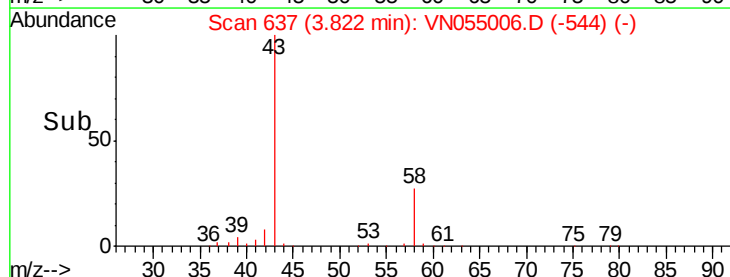
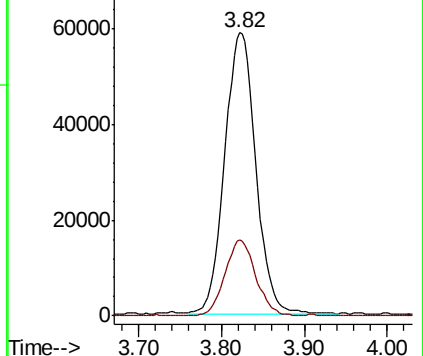
43 100

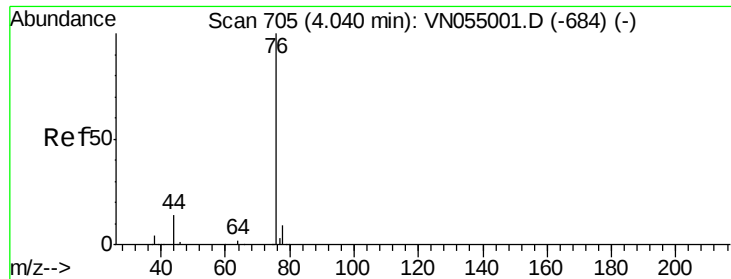
58 27.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-619) (-)

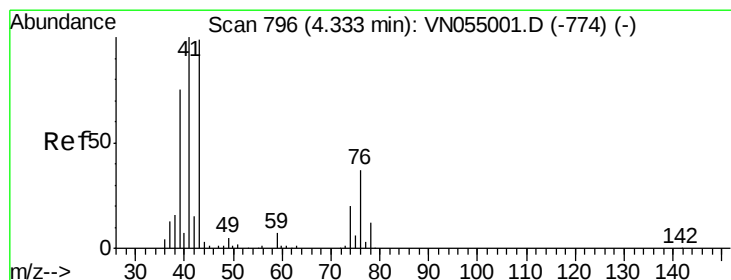
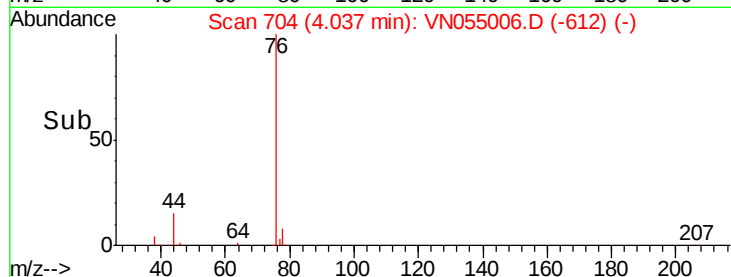
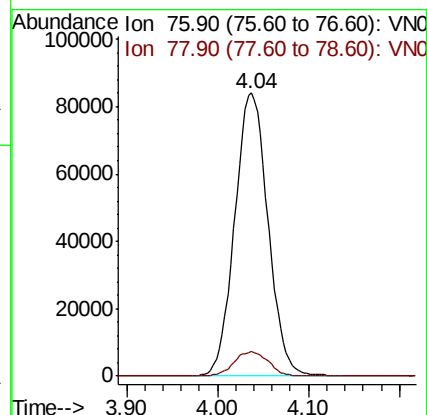
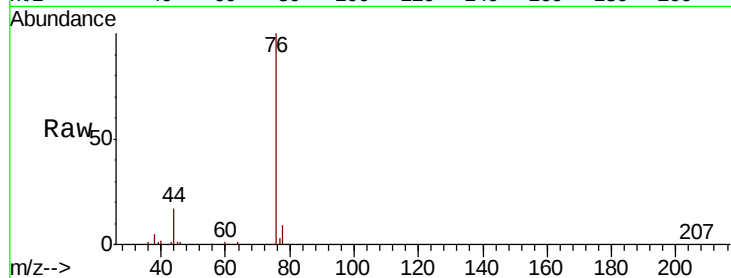




#17
Carbon Disulfide
Concen: 19.473 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

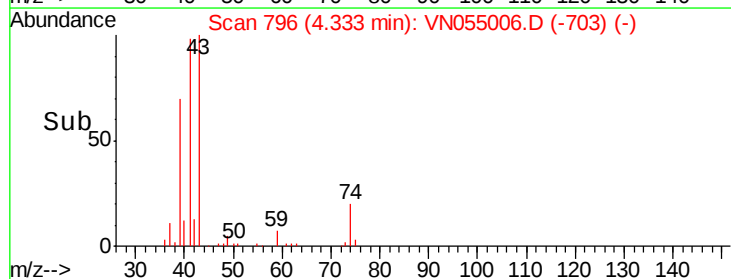
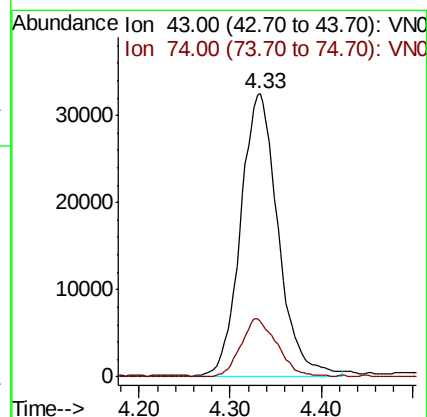
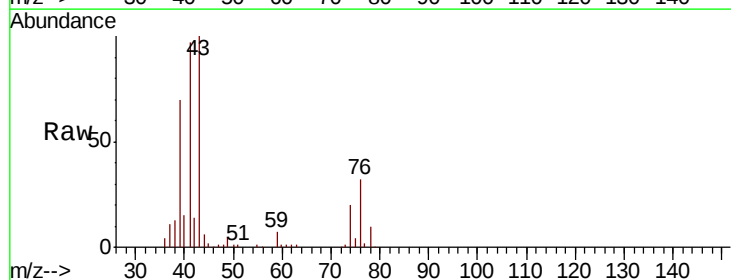
Instrument :
MSVOA_N
ClientSampleId :

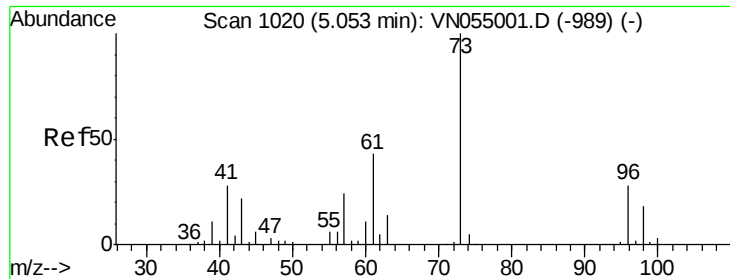
Tot Ion: 76 Resp: 213825
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 20.043 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 43 Resp: 93395
Ion Ratio Lower Upper
43 100
74 19.7 16.1 24.1

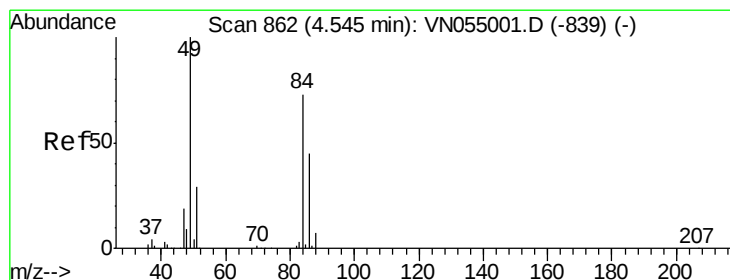
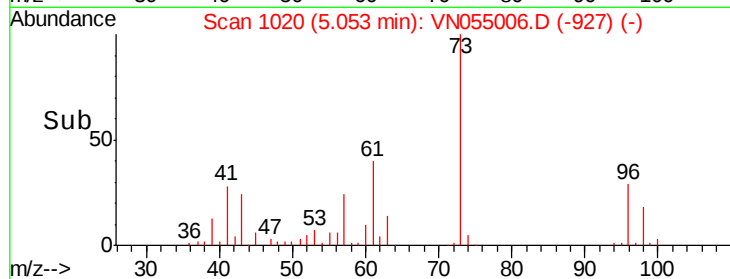
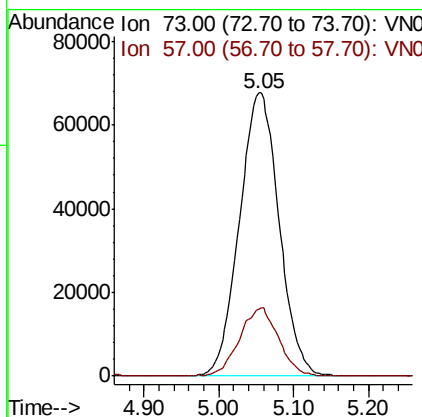
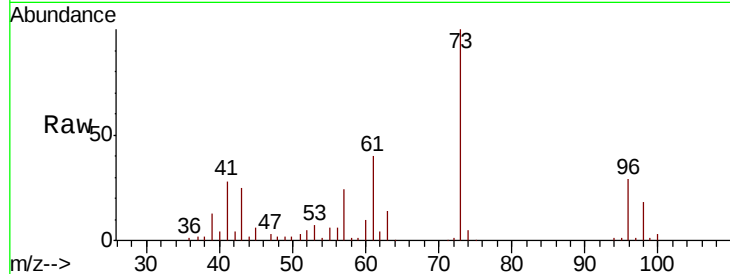




#19
Methvl tert-butvl Ether
Concen: 20.680 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

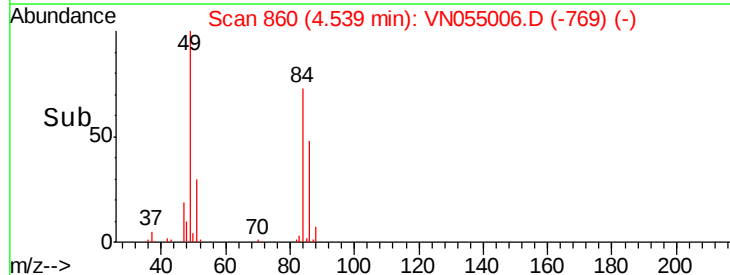
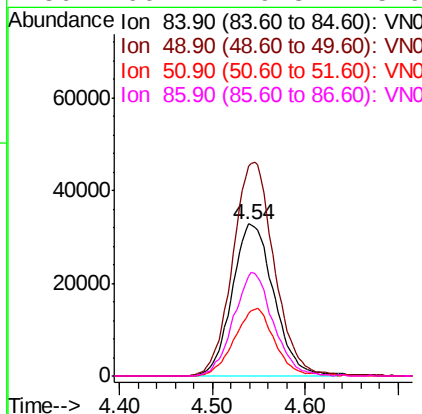
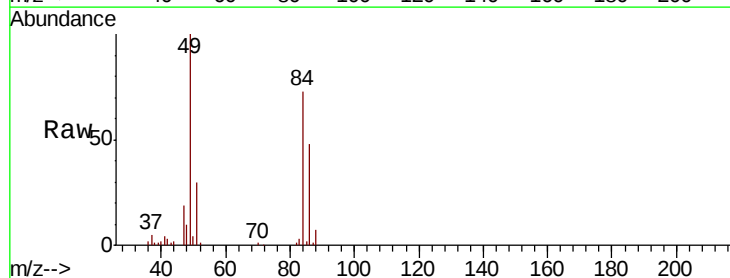
Instrument :
MSVOA_N
ClientSampled :

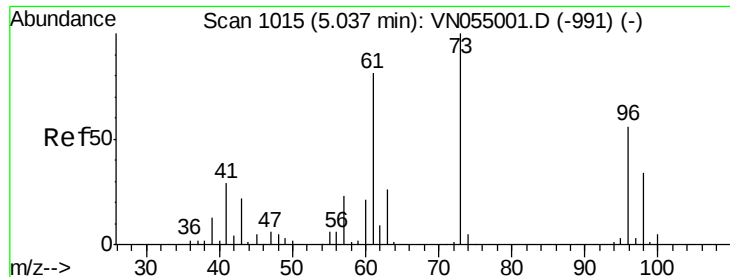
Tot Ion: 73 Resp: 249094
Ion Ratio Lower Upper
73 100
57 23.9 19.0 28.4



#20
Methylene Chloride
Concen: 20.068 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 84 Resp: 102336
Ion Ratio Lower Upper
84 100
49 137.8 109.4 164.2
51 41.1 32.2 48.4
86 66.1 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 20.474 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

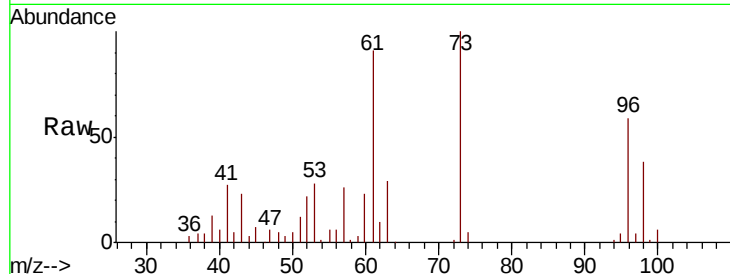
Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 90931

Ion	Ratio	Lower	Upper
96	100		
61	155.0	114.9	172.3
98	63.9	48.4	72.6

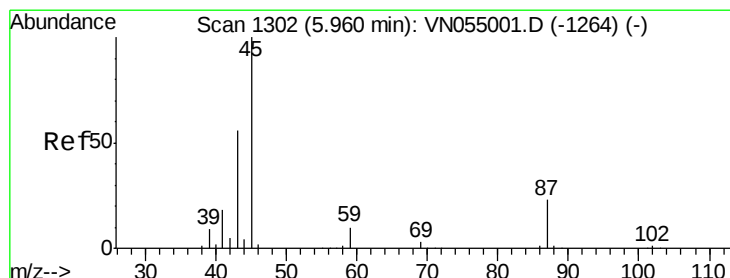
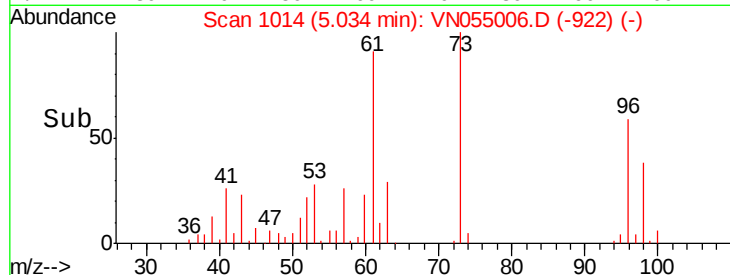
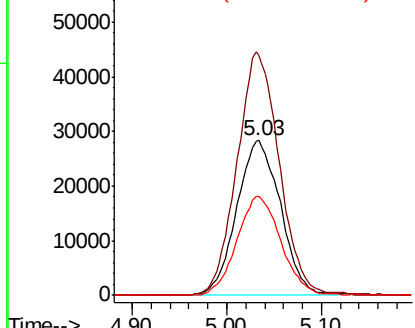


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.605 ug/l

RT: 5.96 min Scan# 1302

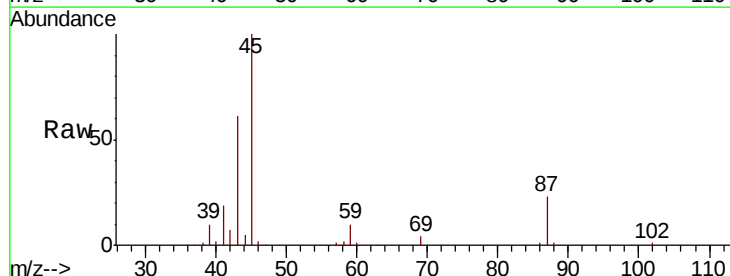
Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Tgt Ion: 45 Resp: 344126

Ion	Ratio	Lower	Upper
45	100		
43	59.1	44.8	67.2
87	22.7	18.9	28.3
59	10.0	7.9	11.9



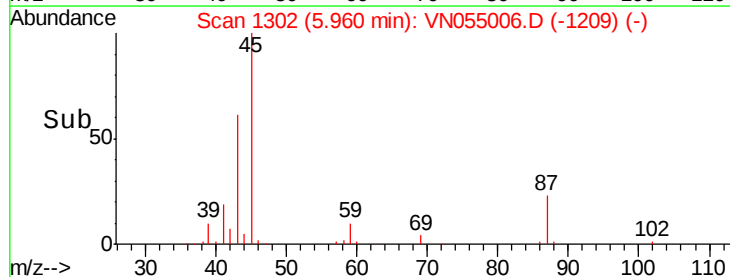
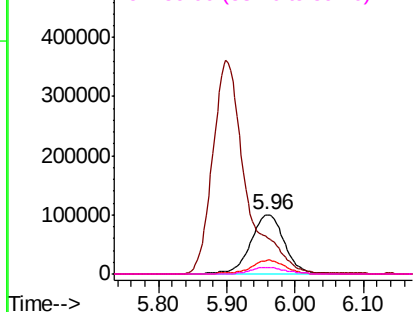
Abundance

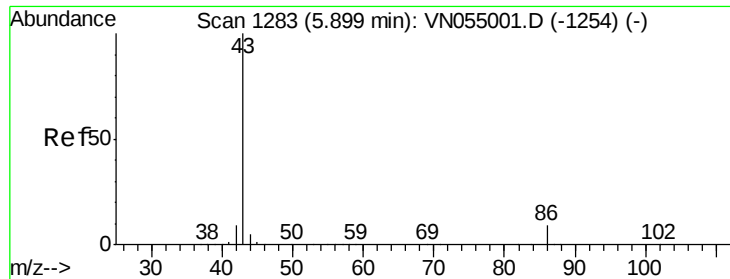
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.793 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

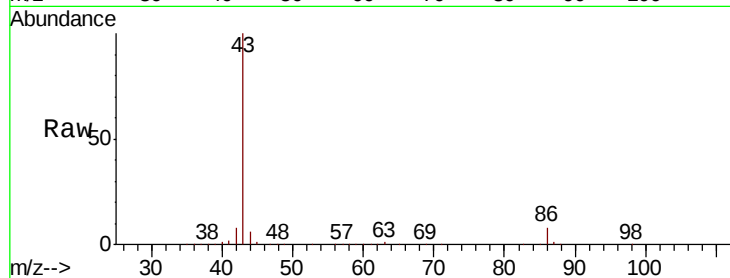
ClientSampled :

Tot Ion: 43 Resp: 1224122

Ion Ratio Lower Upper

43 100

86 8.1 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN055006.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN055006.D (-1190) (-)

5.90

400000

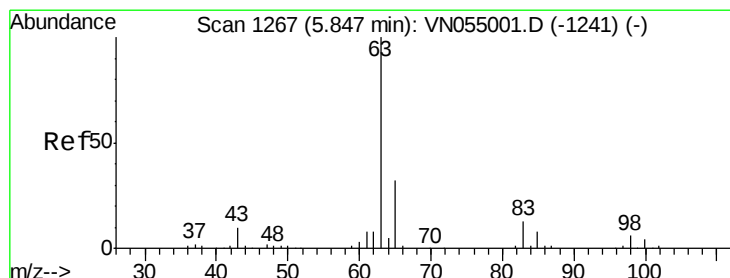
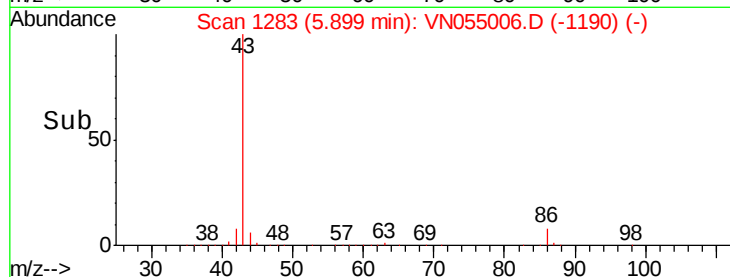
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.121 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

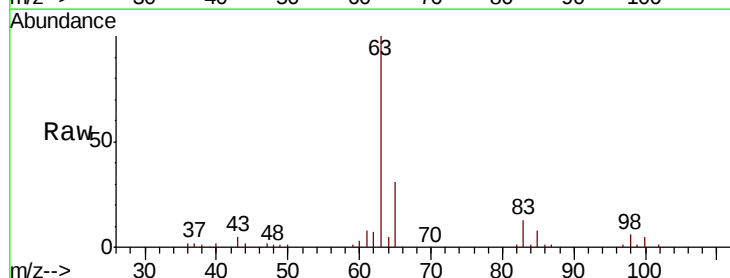
Tgt Ion: 63 Resp: 181499

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN055006.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN055006.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN055006.D (-1174) (-)

5.84

80000

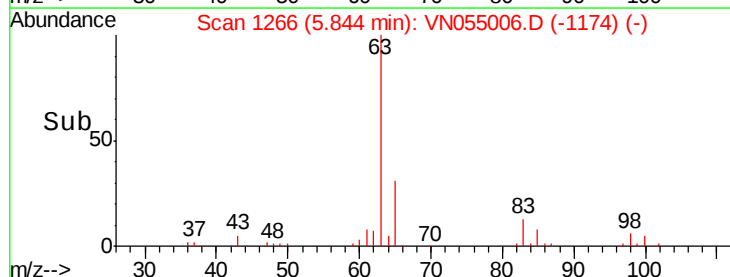
60000

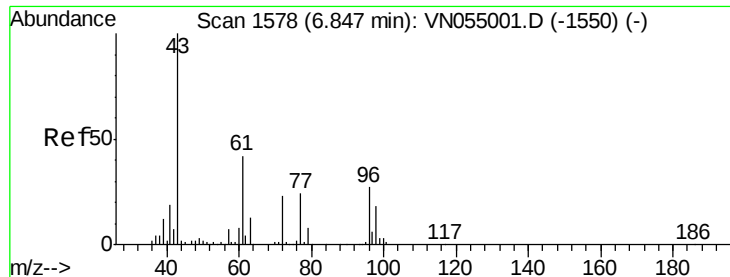
40000

20000

0

Time-->

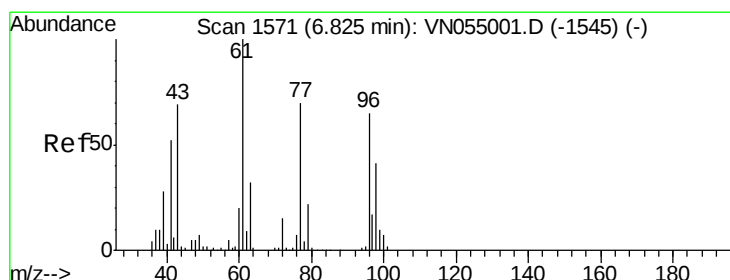
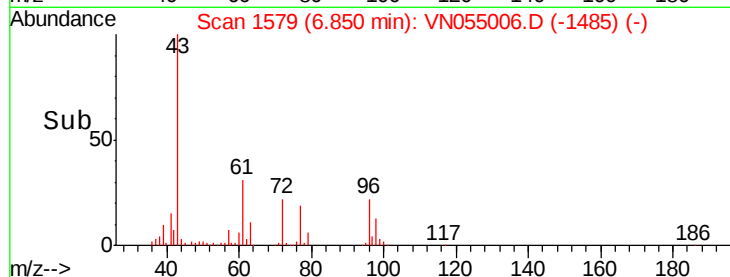
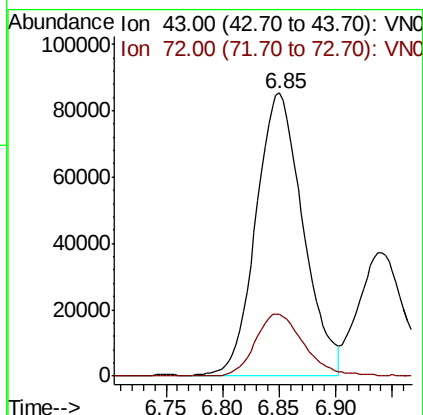
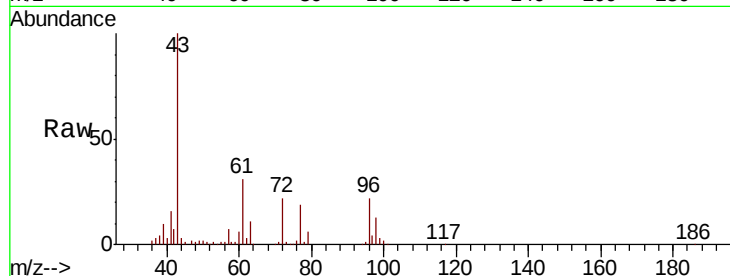




#25
2-Butanone
Concen: 106.005 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

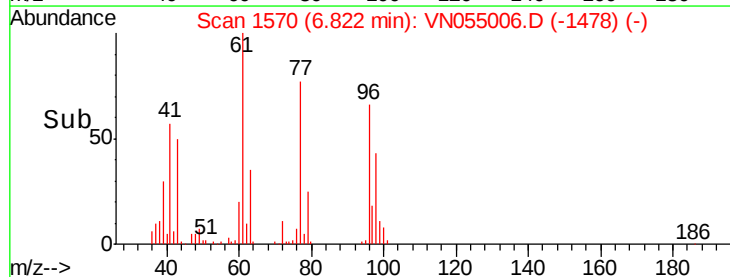
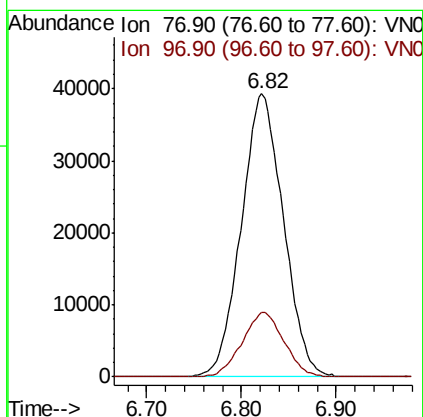
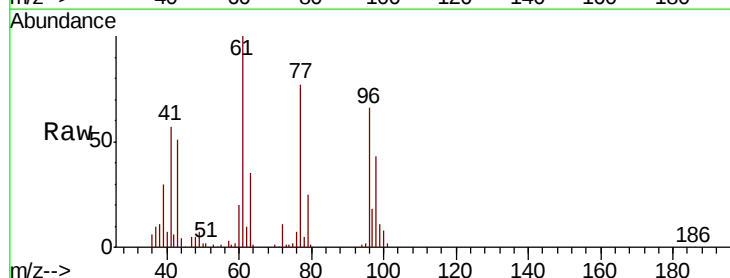
Instrument :
MSVOA_N
ClientSampled :

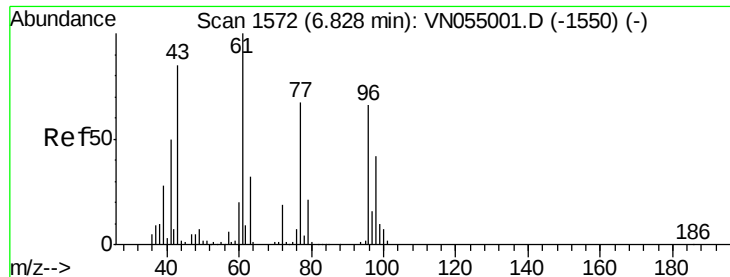
Tot Ion: 43 Resp: 245425
Ion Ratio Lower Upper
43 100
72 21.8 18.1 27.1



#26
2,2-Dichloropropane
Concen: 20.350 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 77 Resp: 121442
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.075 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampled :

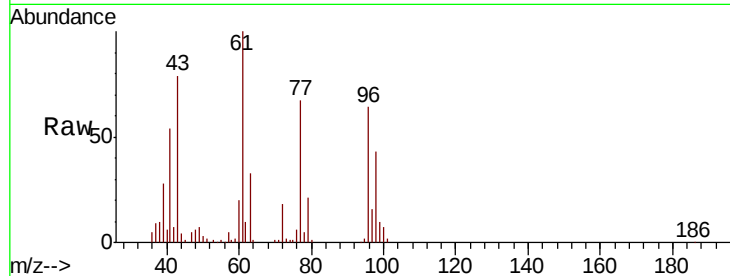
Tot Ion: 96 Resp: 103573

Ion Ratio Lower Upper

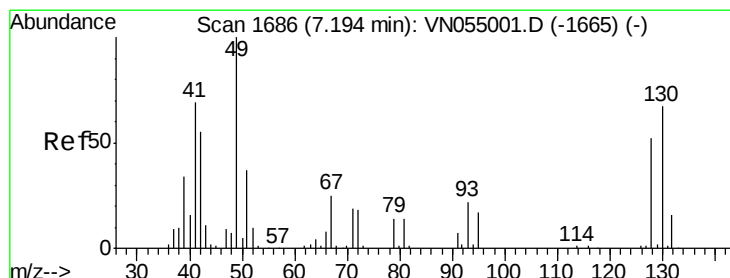
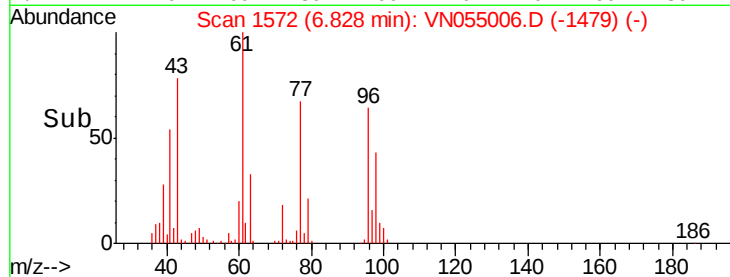
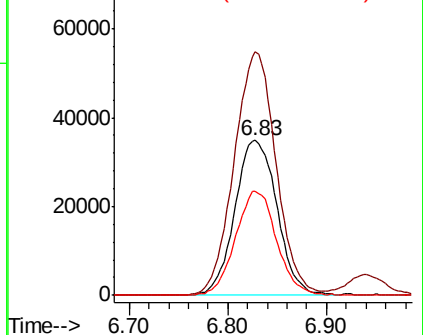
96 100

61 156.4 0.0 311.0

98 65.6 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.871 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

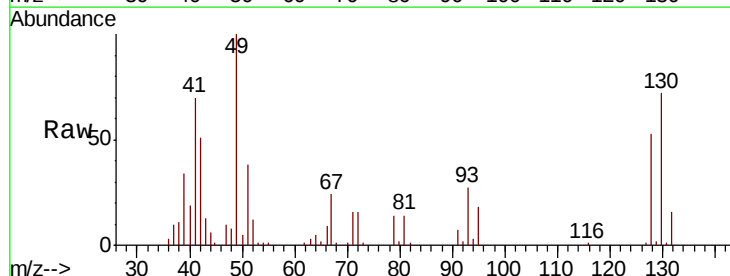
Tgt Ion: 49 Resp: 89323

Ion Ratio Lower Upper

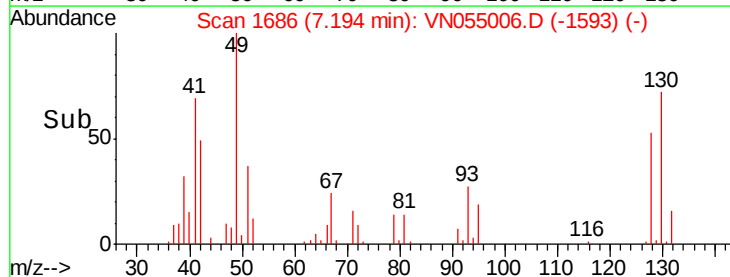
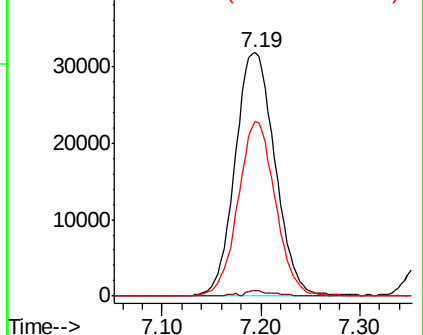
49 100

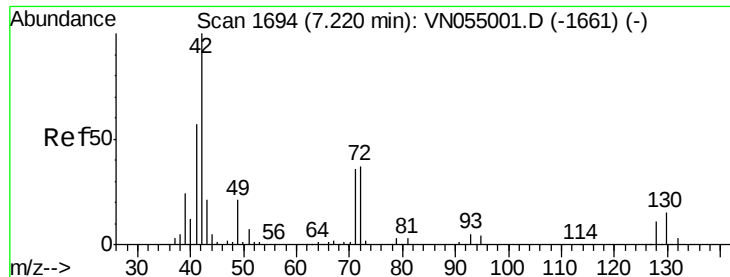
129 1.4 0.0 2.0

130 66.8 53.4 80.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

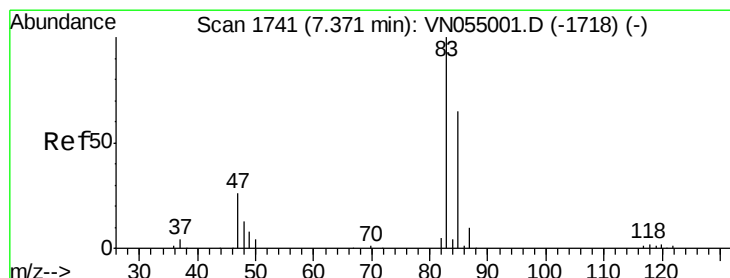
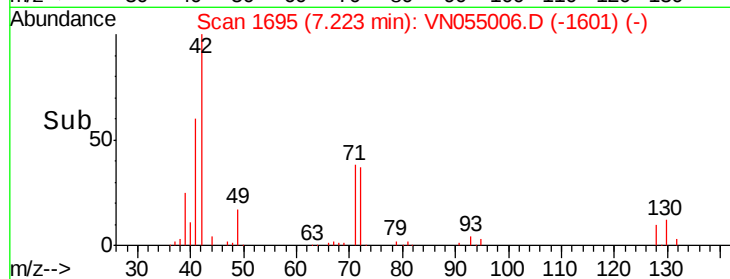
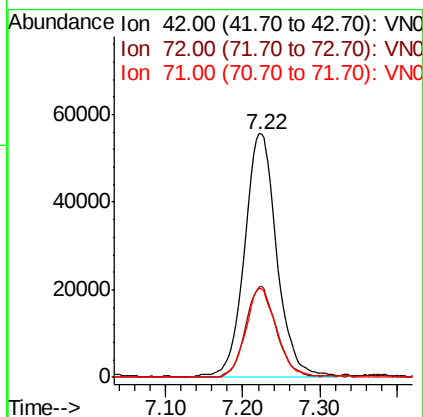
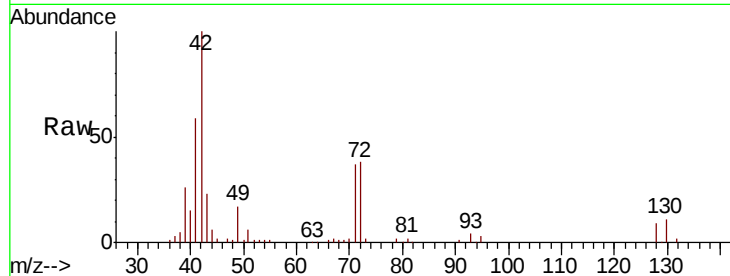




#29
Tetrahydrofuran
Concen: 107.182 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

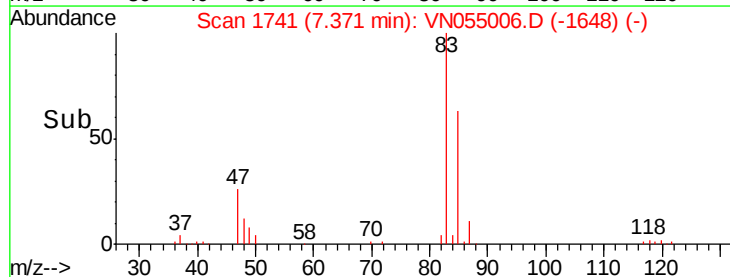
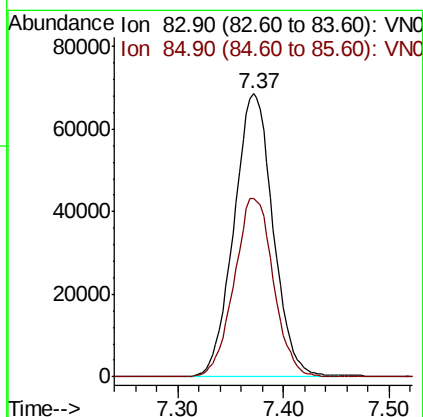
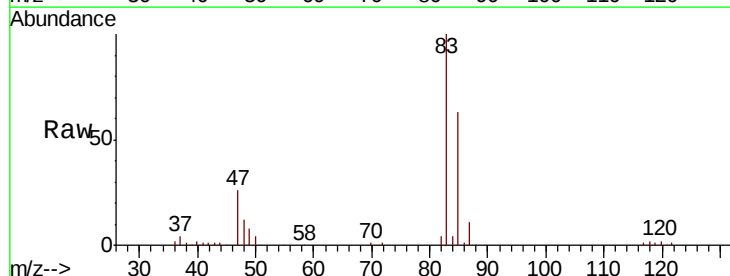
Instrument :
MSVOA_N
ClientSampleId :

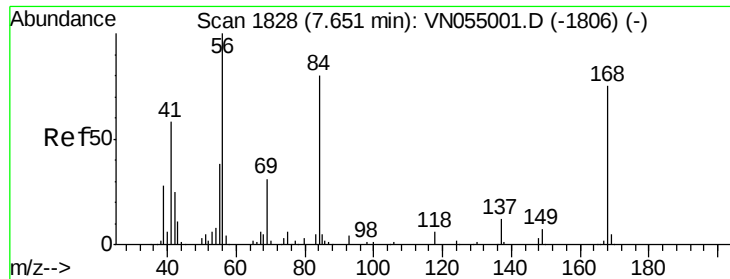
Tot Ion: 42 Resp: 162672
Ion Ratio Lower Upper
42 100
72 35.4 29.4 44.0
71 34.8 27.8 41.6



#30
Chloroform
Concen: 20.522 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 83 Resp: 176519
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6

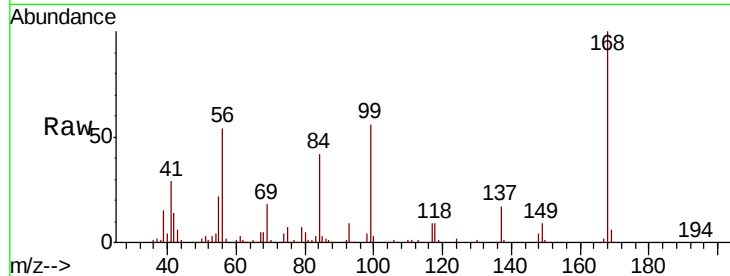




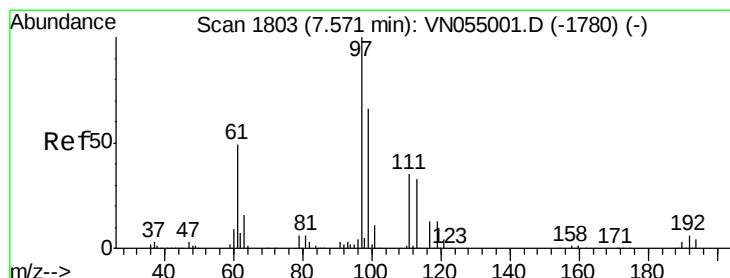
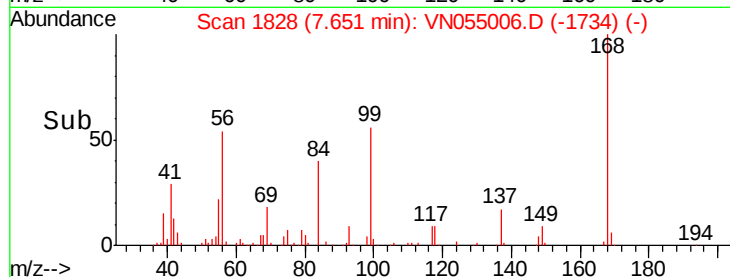
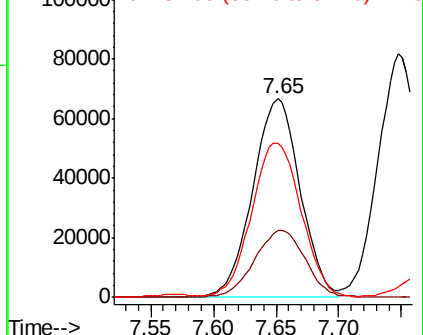
#31
Cyclohexane
Concen: 20.210 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 175413
Ion Ratio Lower Upper
56 100
69 33.6 24.5 36.7
84 76.5 62.9 94.3

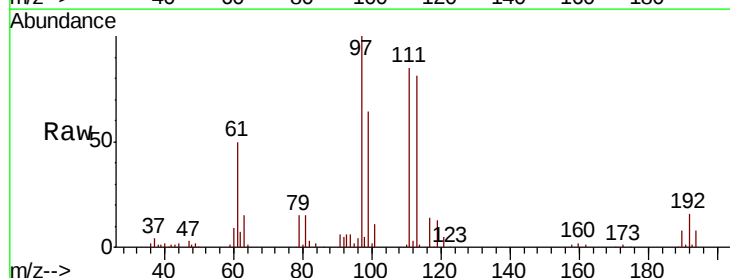


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

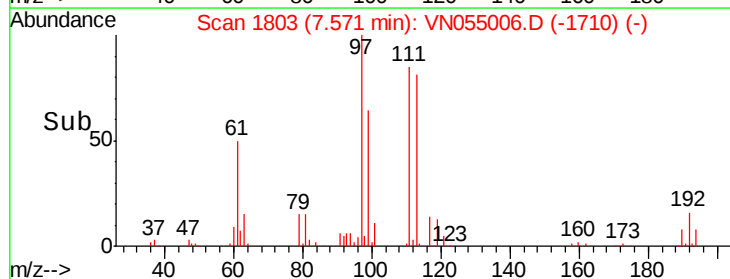
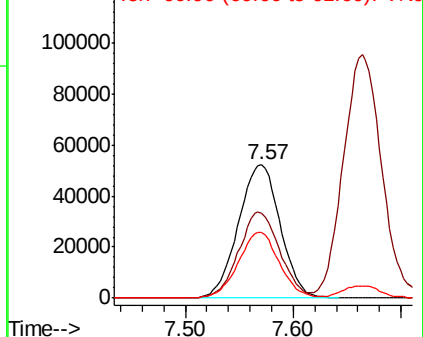


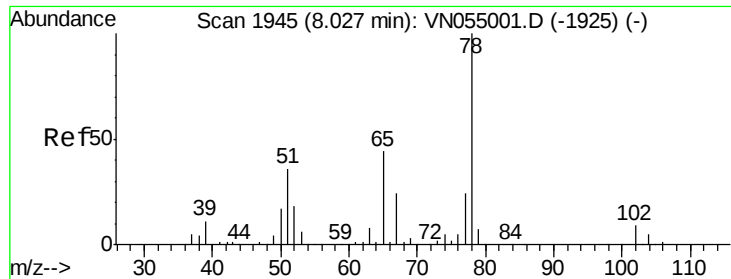
#32
1,1,1-Trichloroethane
Concen: 20.570 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 97 Resp: 140952
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 48.5 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

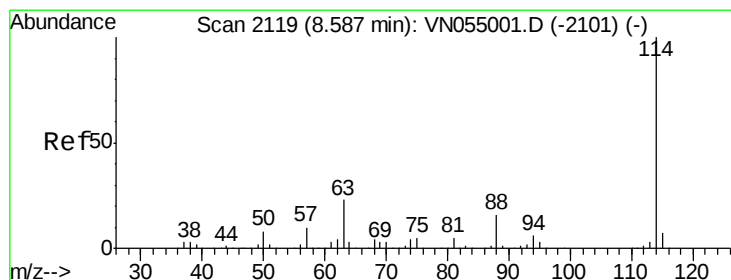
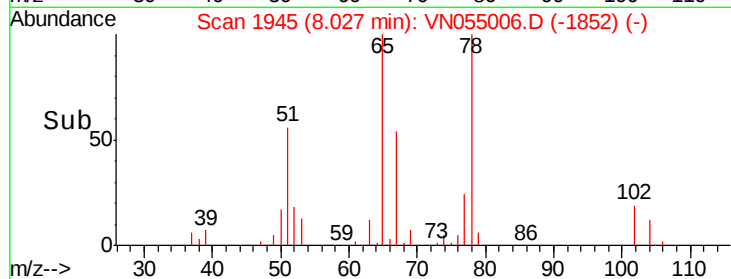
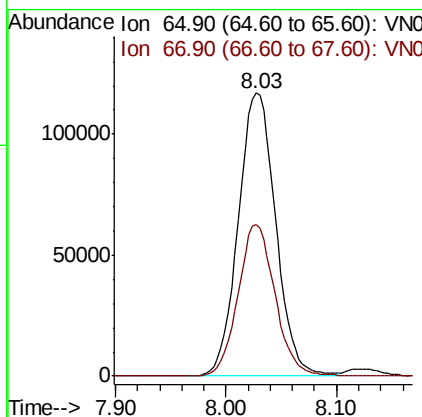
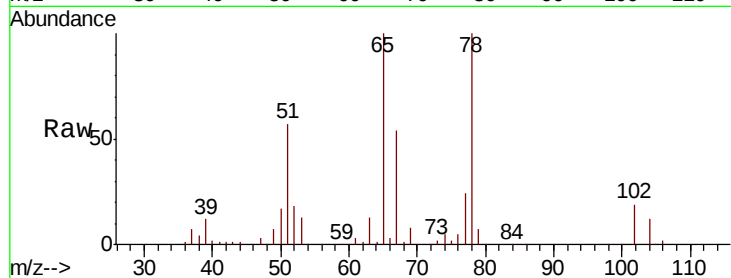




#33
 1,2-Dichloroethane-d4
 Concen: 50.381 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

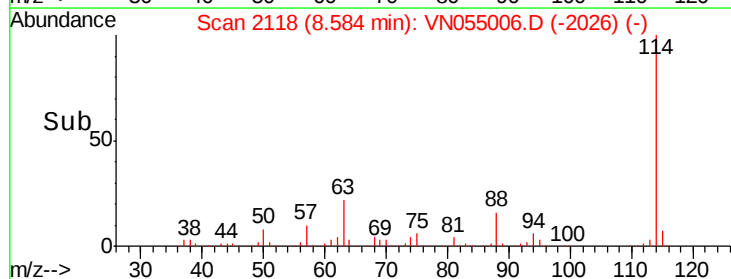
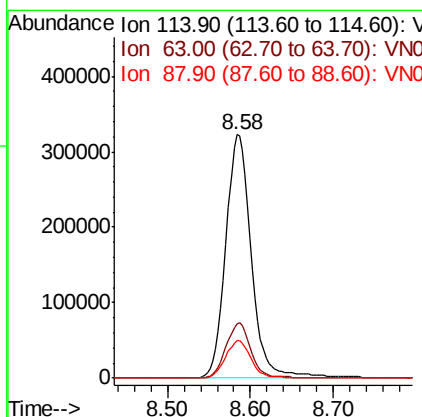
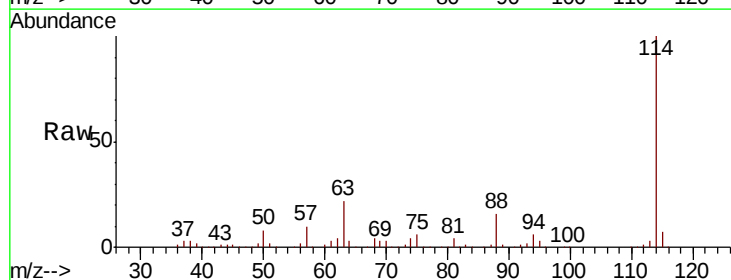
Instrument :
 MSVOA_N
 ClientSampled :

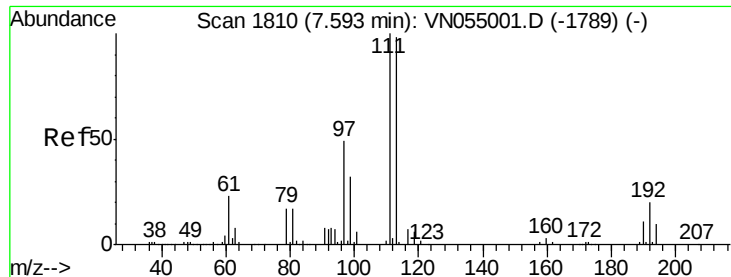
Tot Ion: 65 Resp: 275686
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion: 114 Resp: 693646
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 15.5 0.0 31.8

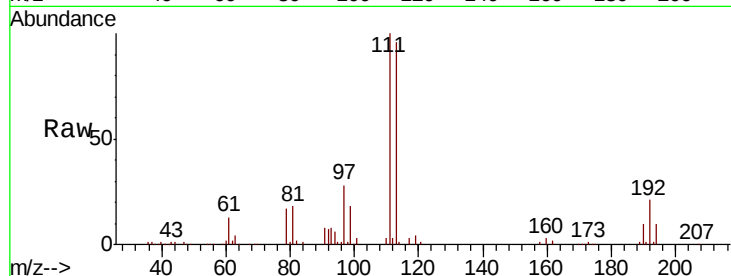




#35
 Dibromofluoromethane
 Concen: 49.936 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	20.6	16.5	24.7

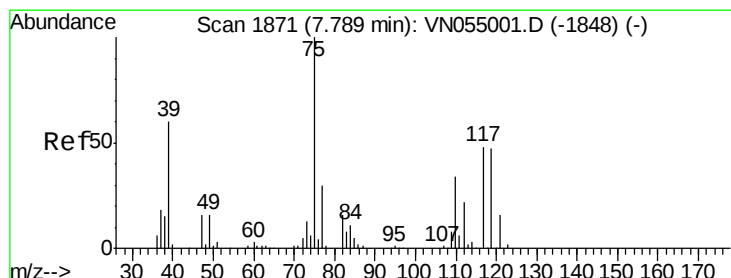
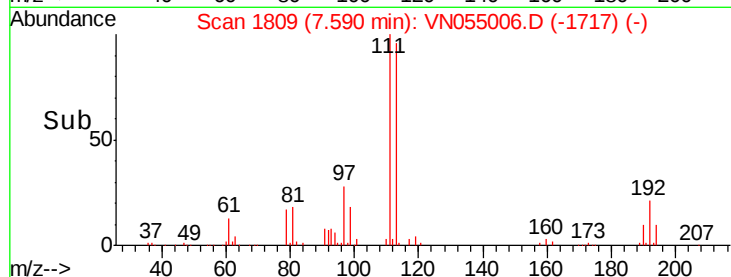
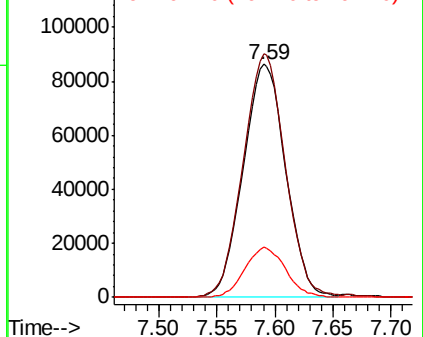


Abundance

Ion 112.80 (112.50 to 113.50): V

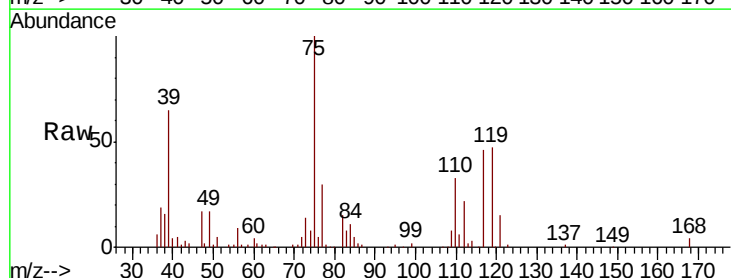
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.262 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.5
77	30.9	24.9	37.3

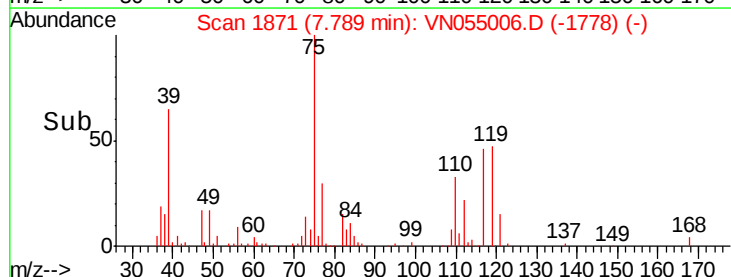
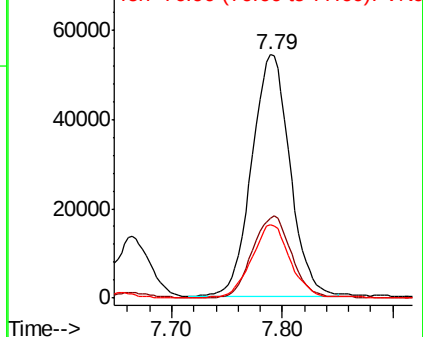


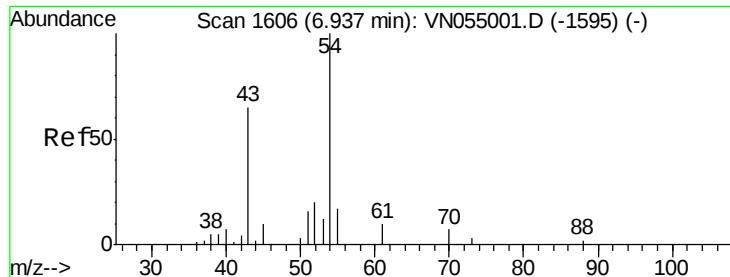
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

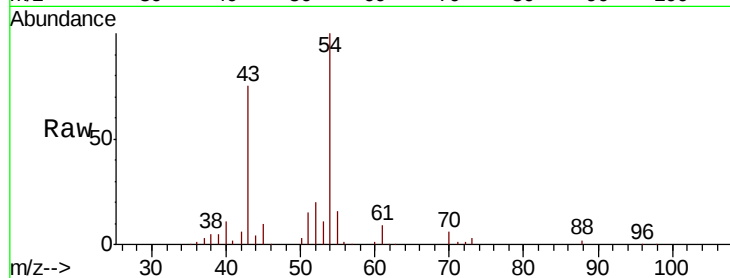




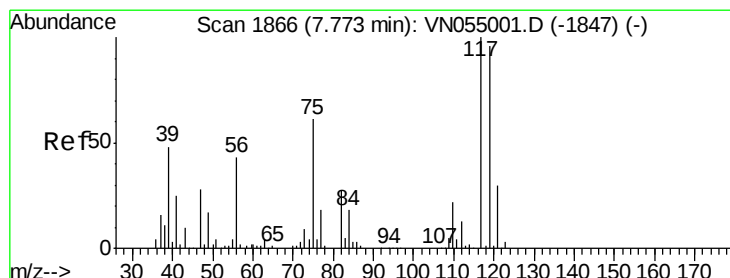
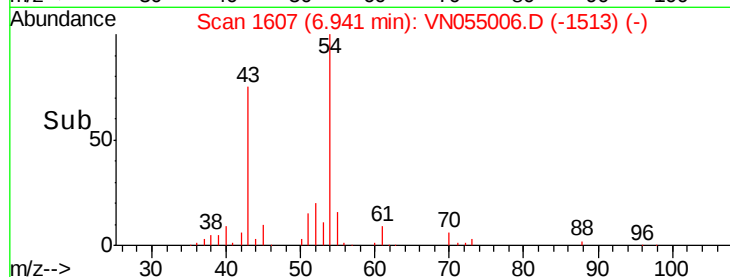
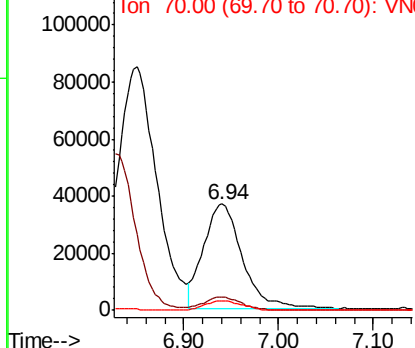
#37
Ethyl Acetate
Concen: 21.786 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 104849
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 8.6 7.1 10.7

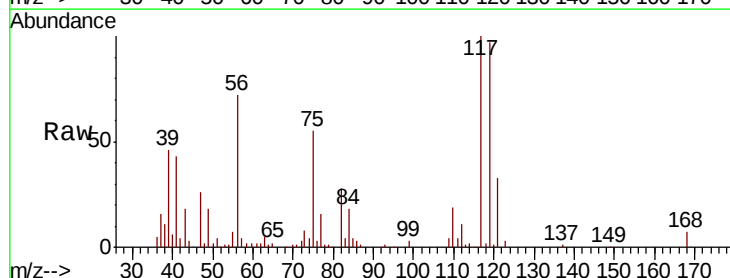


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

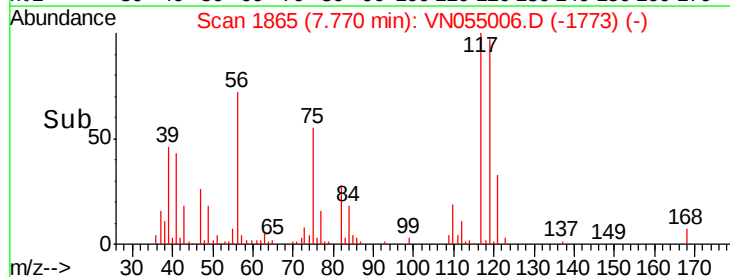
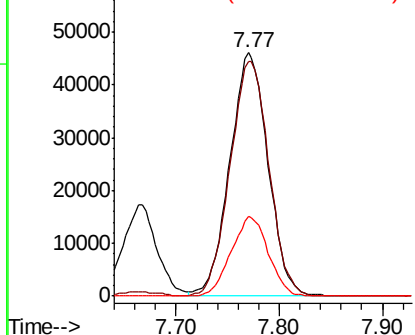


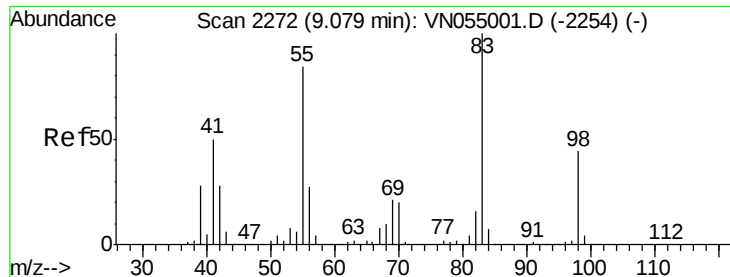
#38
Carbon Tetrachloride
Concen: 19.684 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 117 Resp: 118780
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5
121 32.5 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

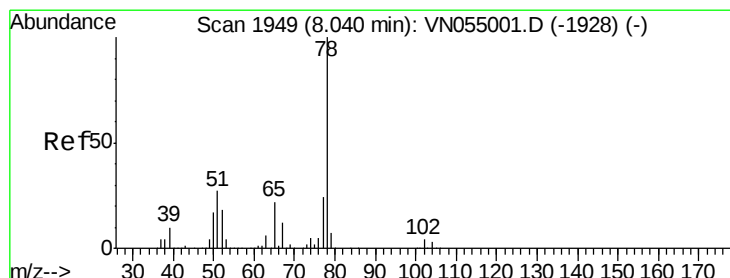
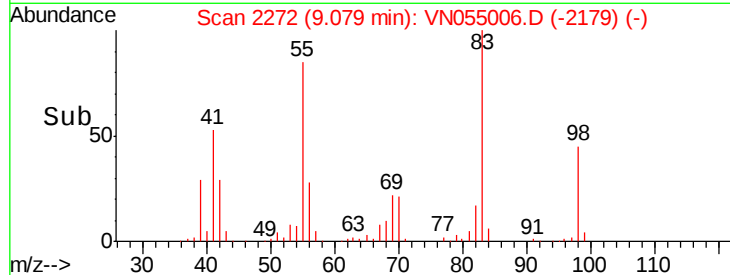
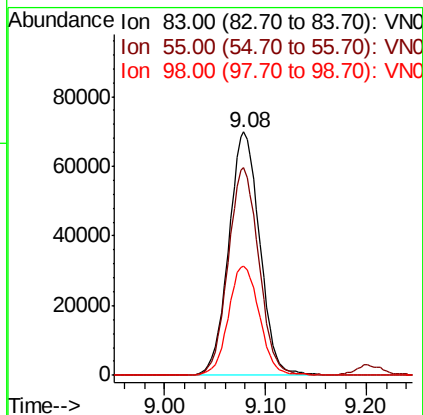
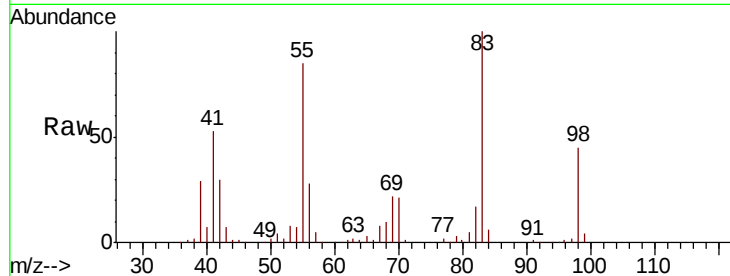




#39
Methvlcvclohexane
Concen: 20.352 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

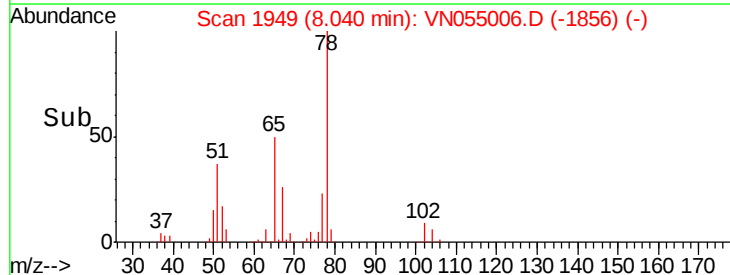
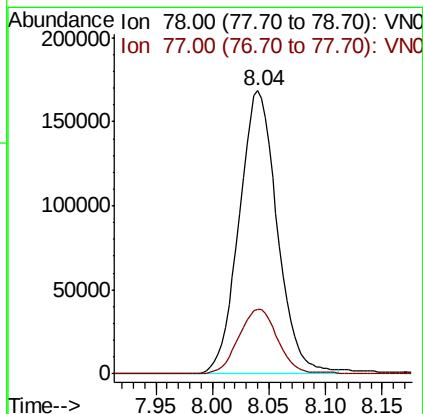
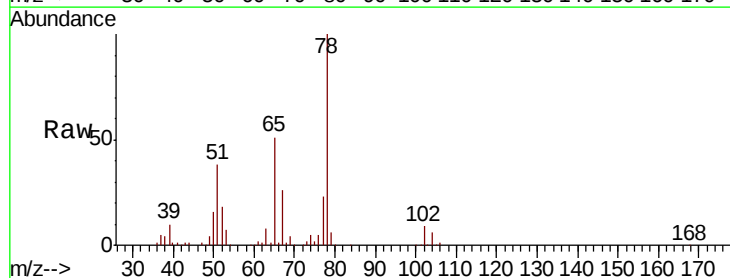
Instrument :
MSVOA_N
ClientSampleId :

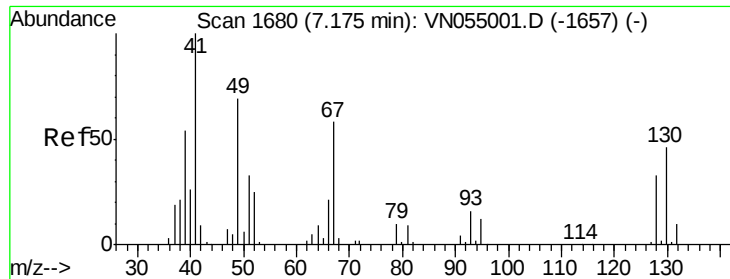
Tot Ion: 83 Resp: 149364
Ion Ratio Lower Upper
83 100
55 85.3 67.0 100.4
98 44.7 35.6 53.4



#40
Benzene
Concen: 20.403 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 78 Resp: 395442
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

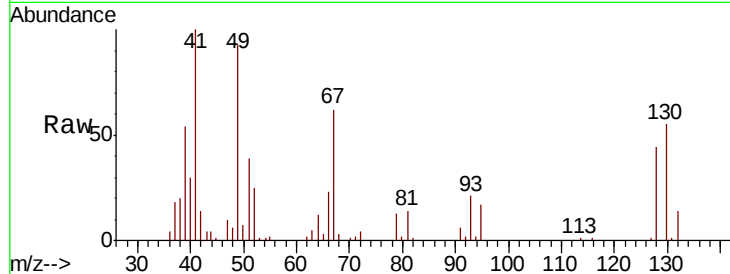




#41
Methacrylonitrile
Concen: 19.011 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	56296
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.6	68.4
67	72.4	57.0	85.6
52	31.6	23.6	35.4



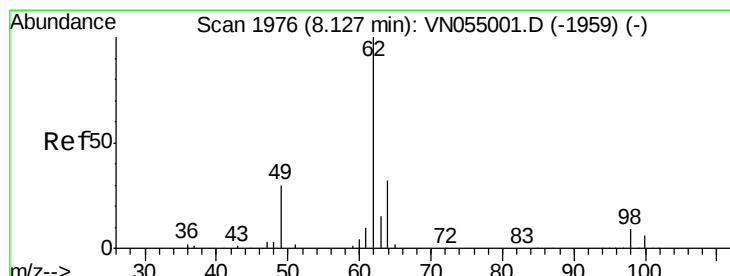
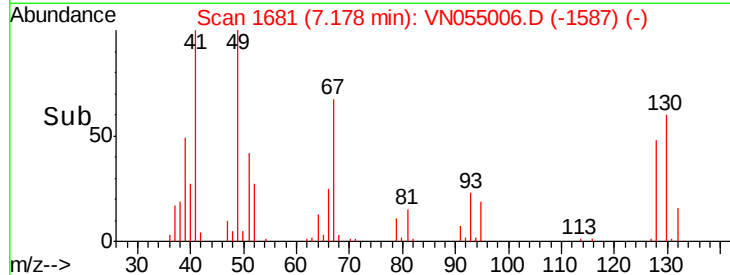
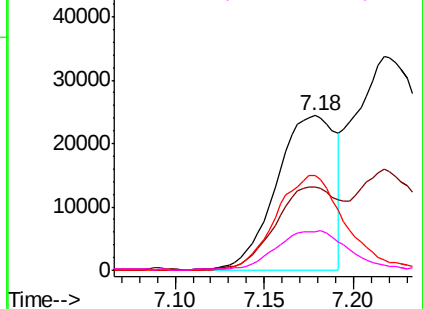
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

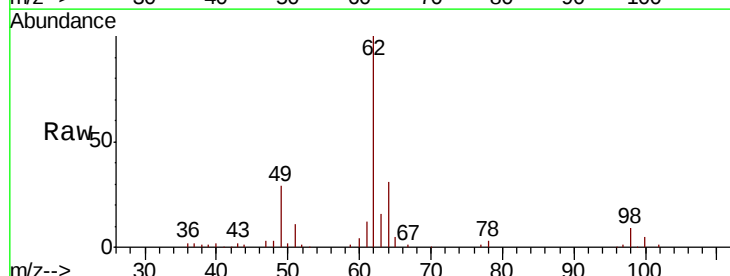
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

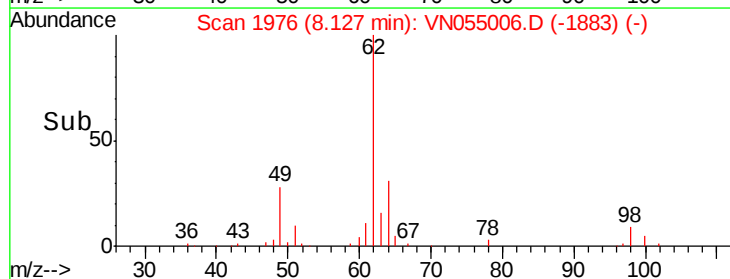
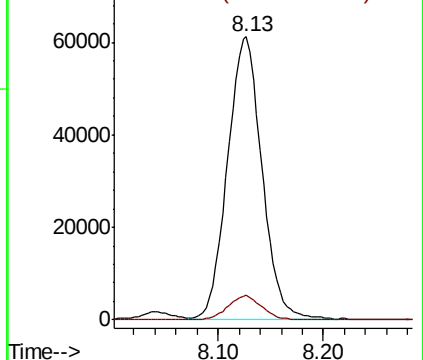
Tgt Ion:	62	Resp:	137809
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4

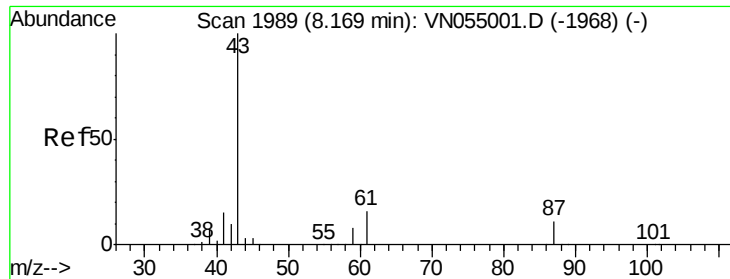


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



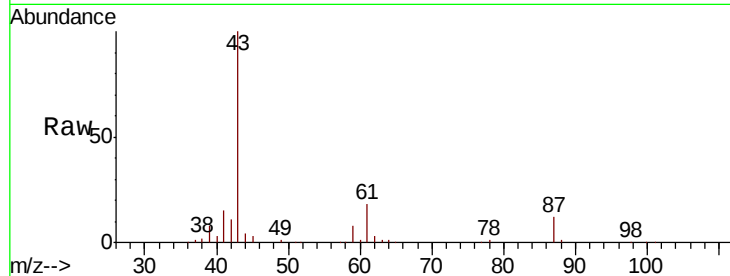


#43

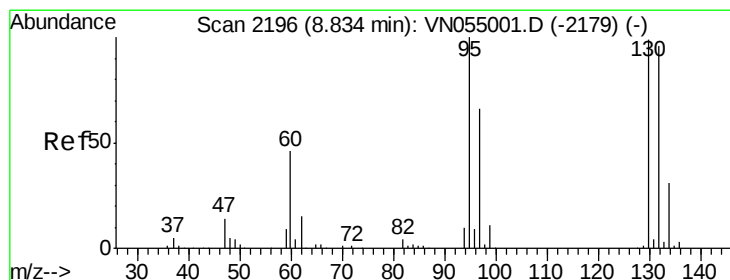
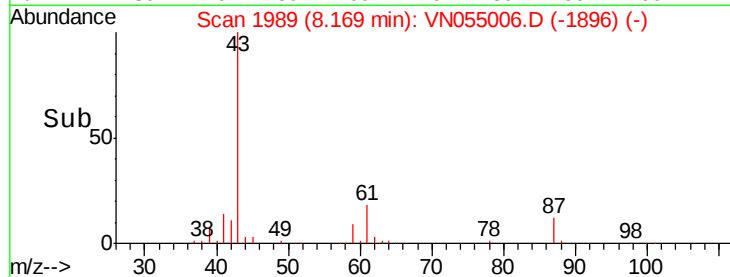
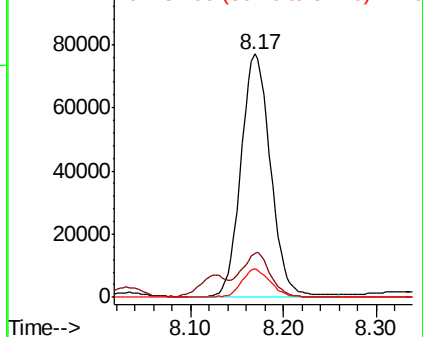
Isopropyl Acetate
 Concen: 20.910 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 172070
 Ion Ratio Lower Upper
 43 100
 61 17.4 14.3 21.5
 87 11.2 8.6 13.0



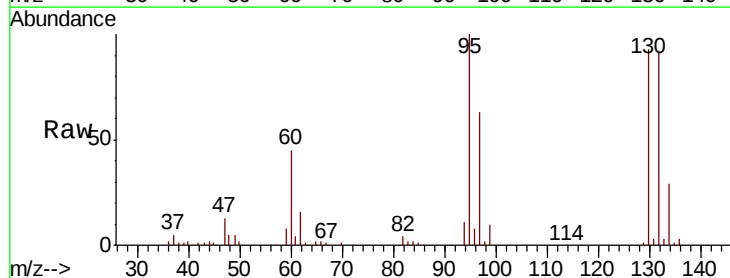
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



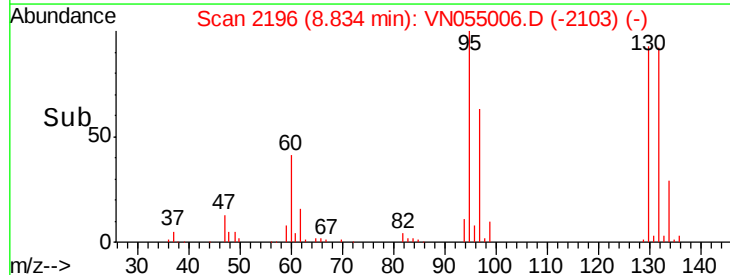
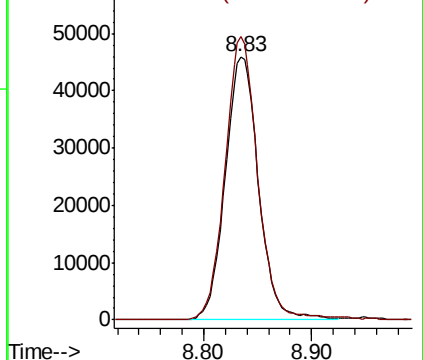
#44

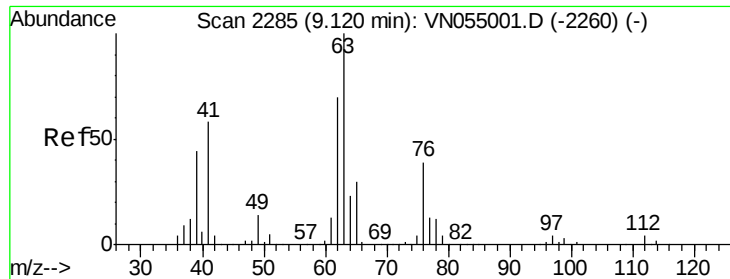
Trichloroethene
 Concen: 19.947 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion:130 Resp: 98798
 Ion Ratio Lower Upper
 130 100
 95 107.6 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.290 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

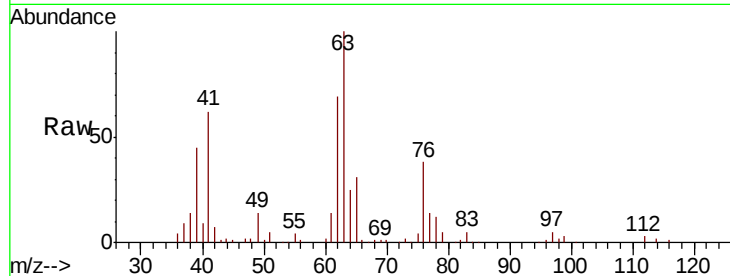
ClientSampled :

Tot Ion: 63 Resp: 110976

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

50000

40000

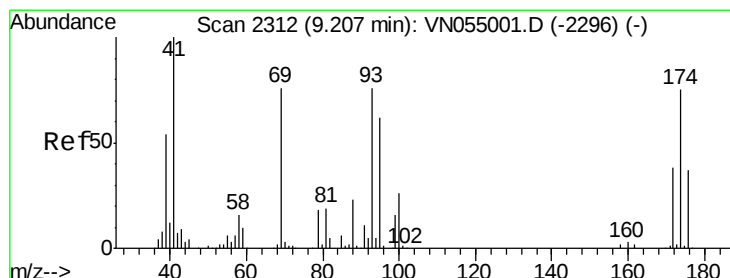
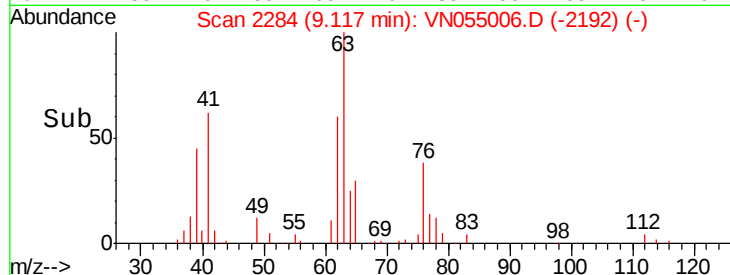
30000

20000

10000

0

Time--> 9.00 9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 19.916 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

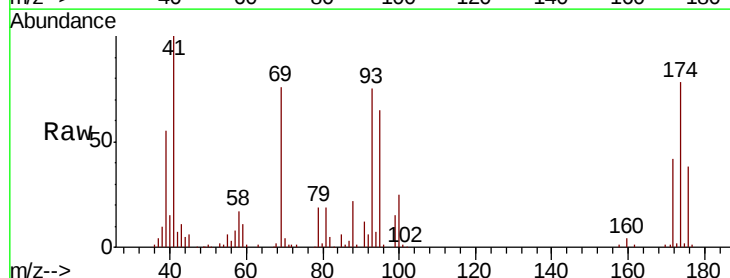
Tgt Ion: 93 Resp: 62415

Ion Ratio Lower Upper

93 100

95 84.4 65.0 97.6

174 105.5 81.0 121.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

40000

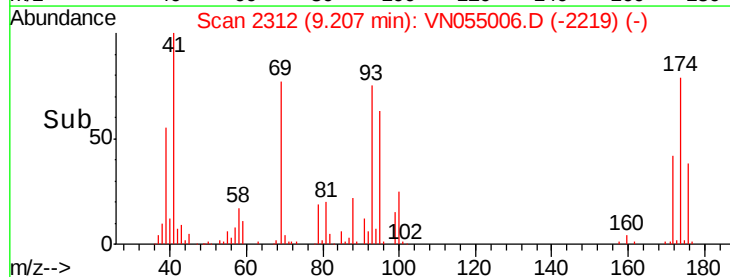
30000

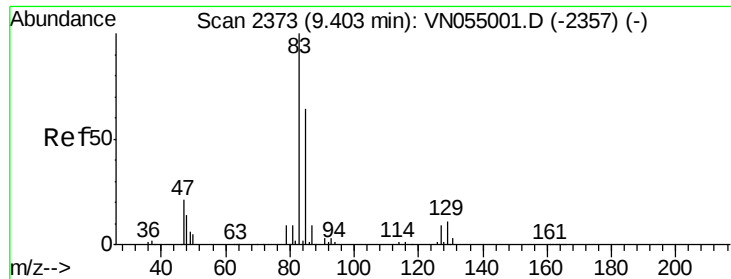
20000

10000

0

Time--> 9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 20.281 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

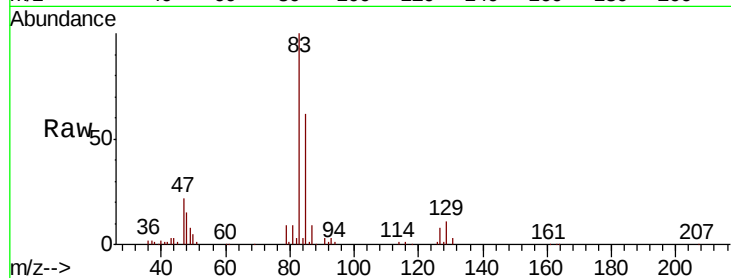
Tot Ion: 83 Resp: 129256

Ion Ratio Lower Upper

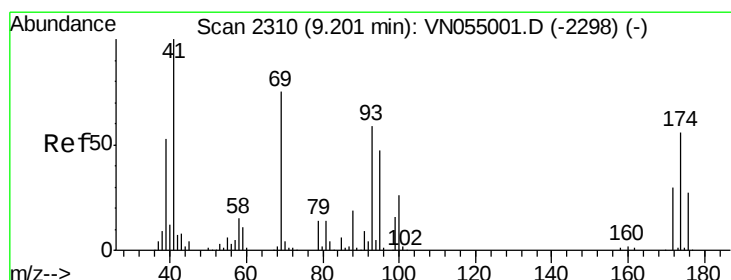
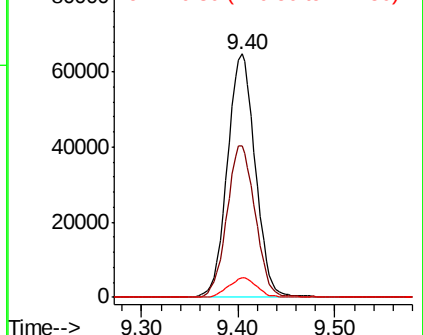
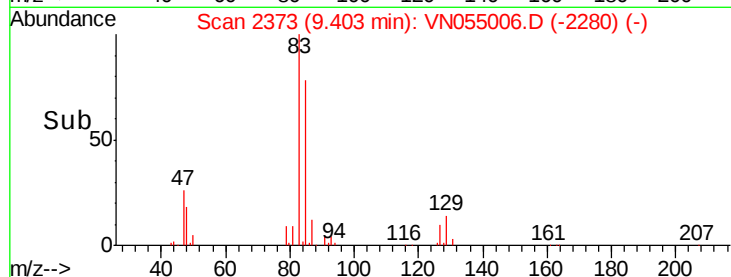
83 100

85 62.3 51.2 76.8

127 8.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055006.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.246 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

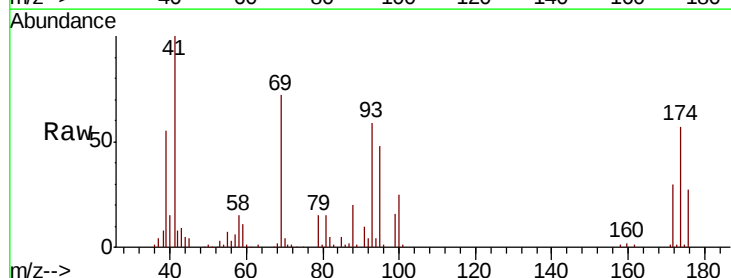
Tgt Ion: 41 Resp: 85828

Ion Ratio Lower Upper

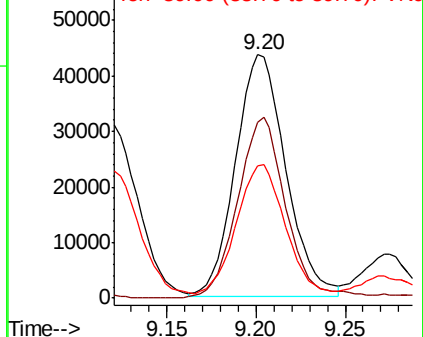
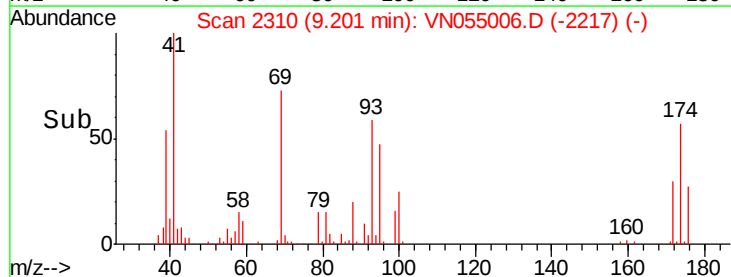
41 100

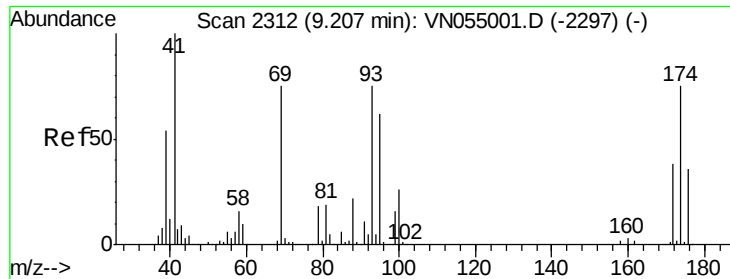
69 71.8 60.5 90.7

39 53.9 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VN055006.D (-2217) (-)





#49

1,4-Dioxane

Concen: 436.737 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampled :

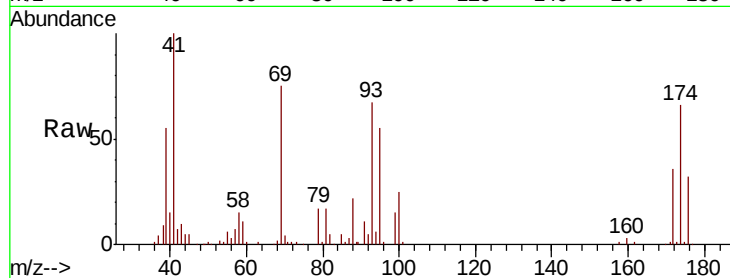
Tot Ion: 88 Resp: 19911

Ion Ratio Lower Upper

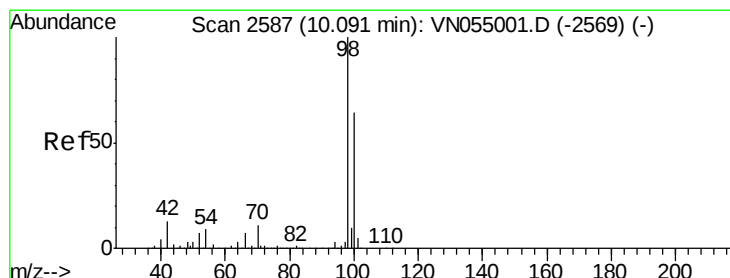
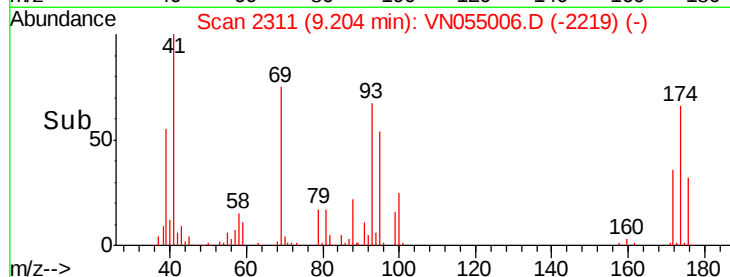
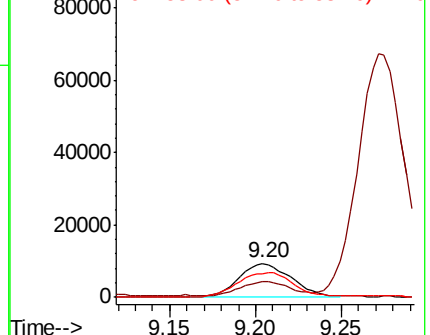
88 100

43 35.7 31.8 47.8

58 77.7 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.268 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055006.D

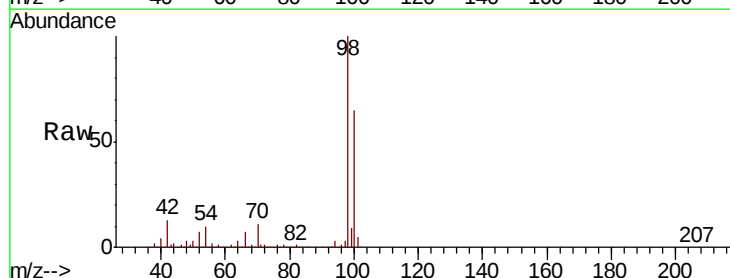
Acq: 12 Apr 2019 18:26

Tgt Ion: 98 Resp: 816396

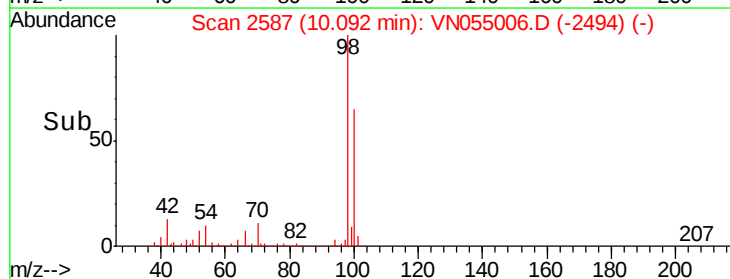
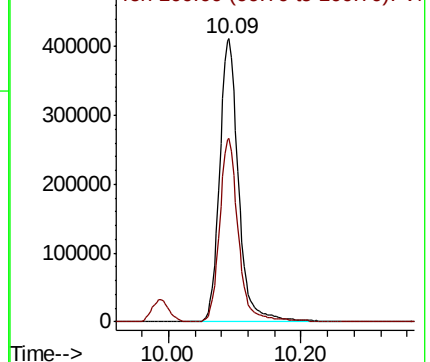
Ion Ratio Lower Upper

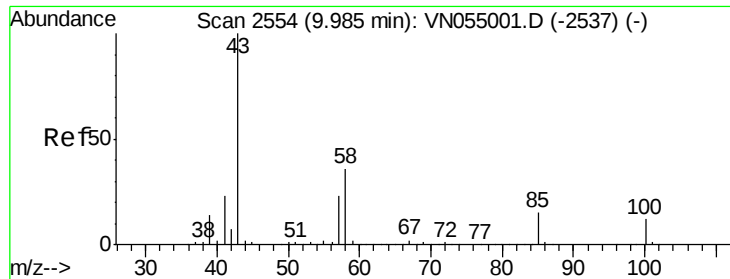
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.974 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

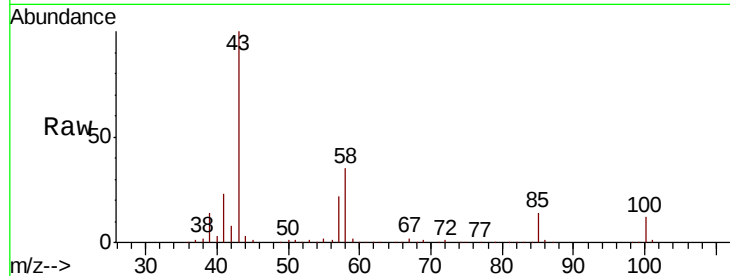
ClientSampled :

Tot Ion: 43 Resp: 500985

Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

9.99

250000

200000

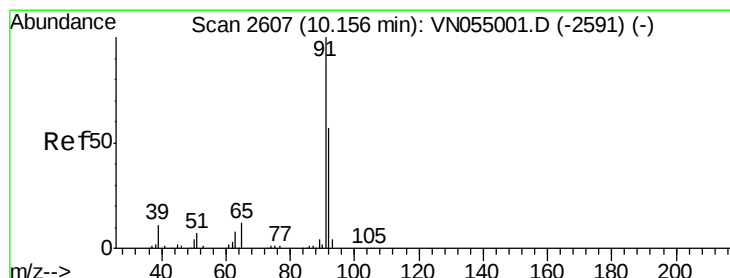
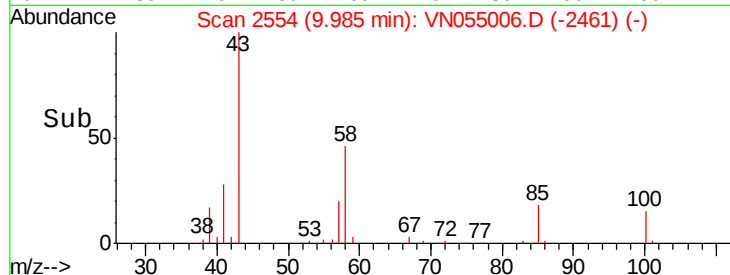
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.632 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055006.D

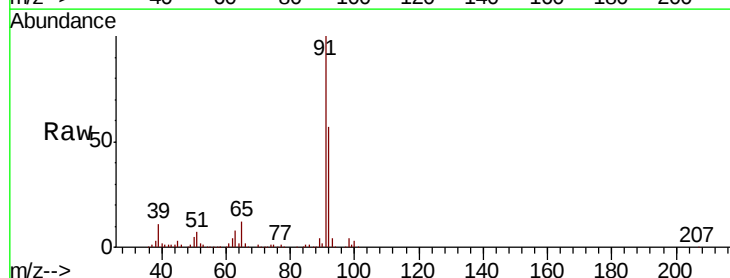
Acq: 12 Apr 2019 18:26

Tgt Ion: 92 Resp: 236492

Ion Ratio Lower Upper

92 100

91 174.7 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055001.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055001.D (-2591) (-)

250000

200000

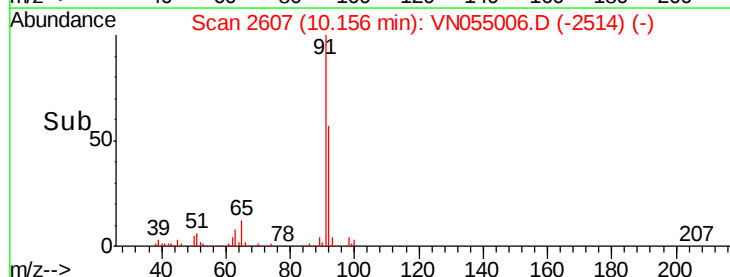
150000

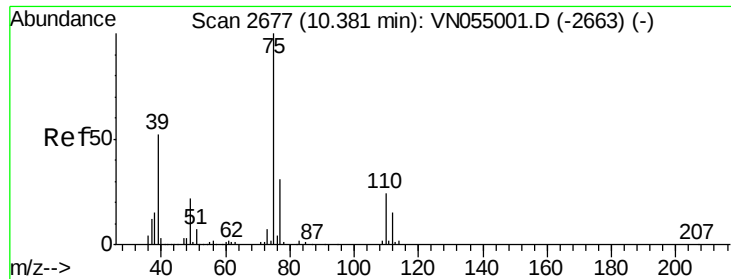
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.799 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

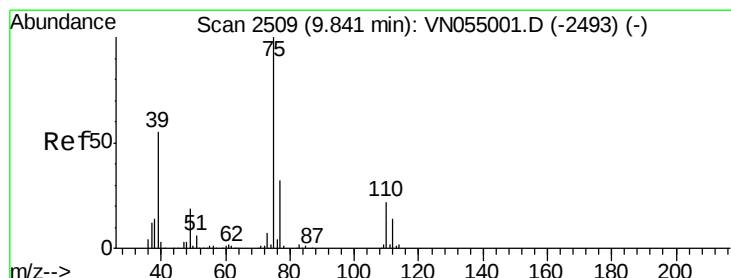
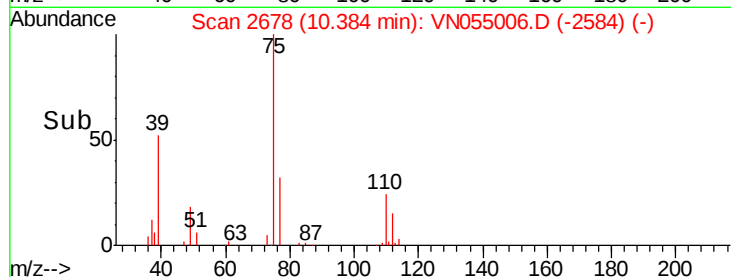
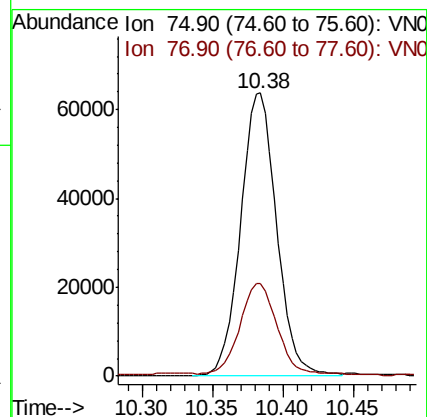
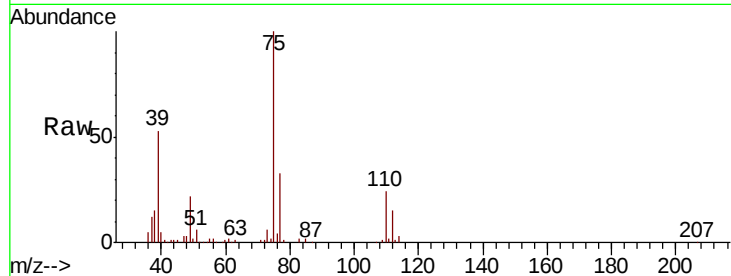
ClientSampleId :

Tot Ion: 75 Resp: 114260

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.220 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

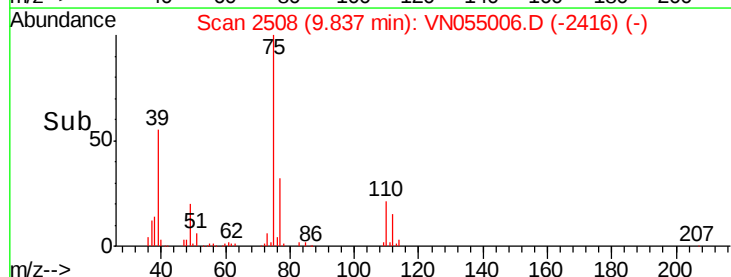
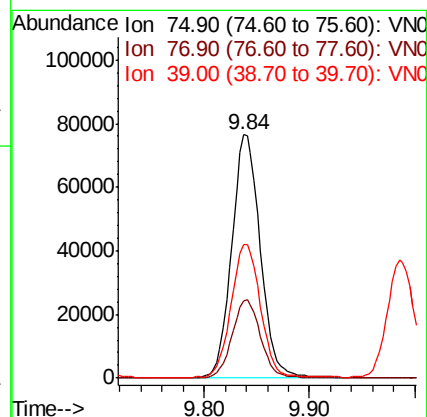
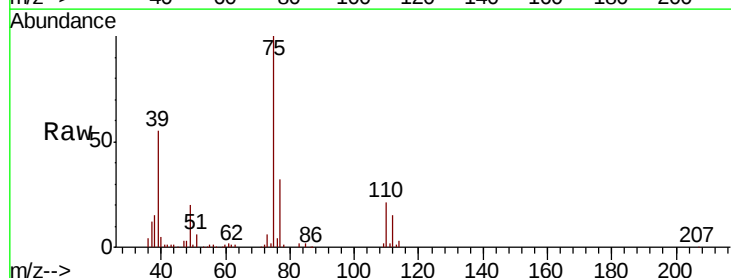
Tgt Ion: 75 Resp: 143740

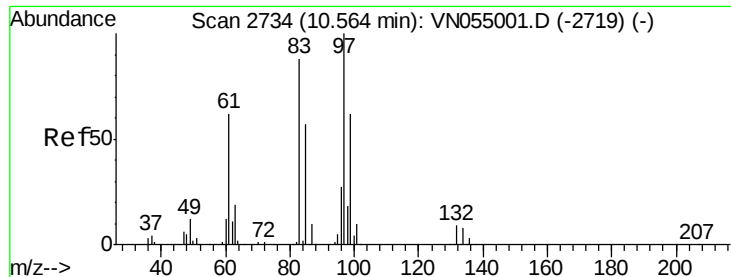
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 54.8 43.8 65.8

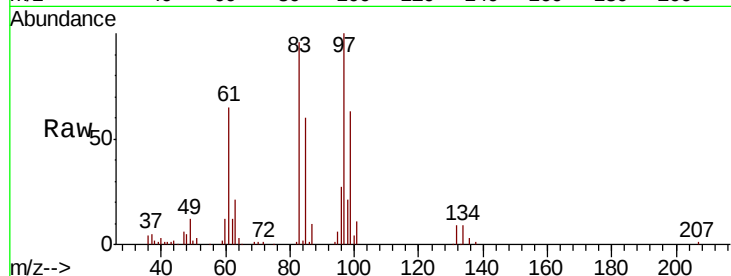




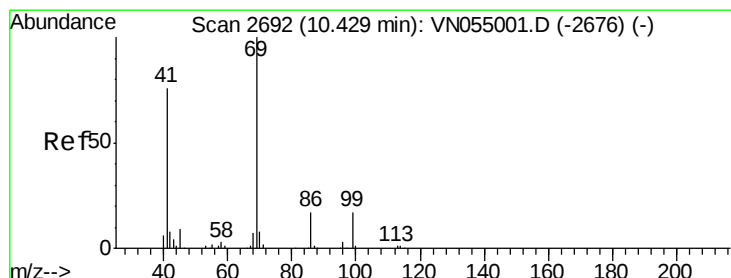
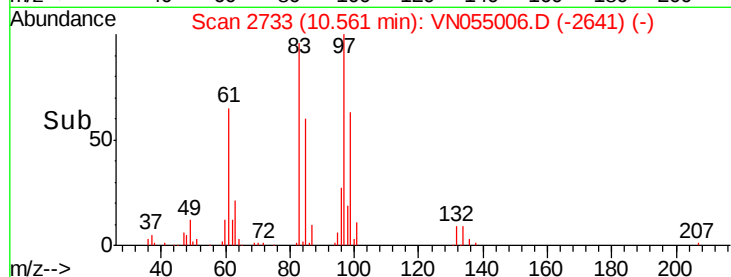
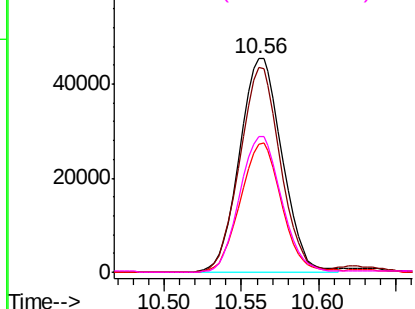
#55
 1,1,2-Trichloroethane
 Concen: 20.354 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 86911
 Ion Ratio Lower Upper
 97 100
 83 96.0 70.5 105.7
 85 60.1 45.5 68.3
 99 63.4 49.4 74.0

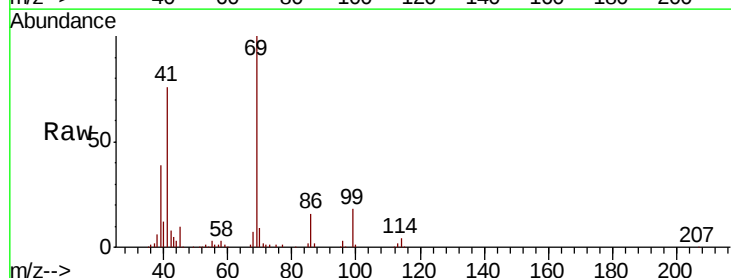


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

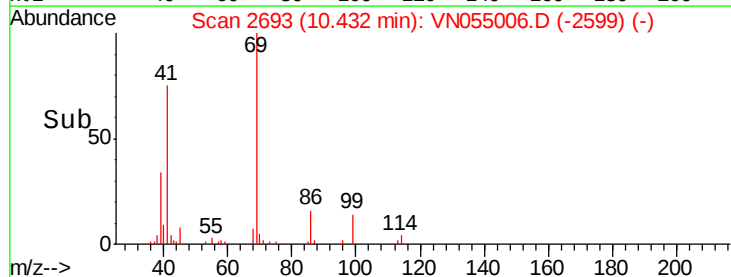
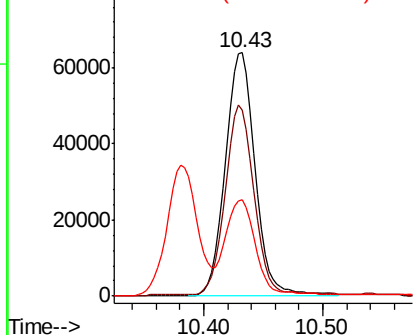


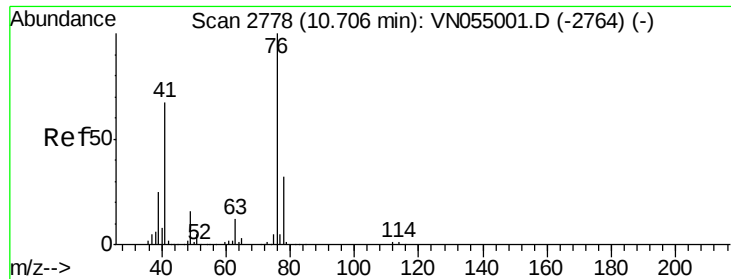
#56
 Ethyl methacrylate
 Concen: 20.305 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion: 69 Resp: 111565
 Ion Ratio Lower Upper
 69 100
 41 74.8 61.4 92.0
 39 37.4 30.8 46.2



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.857 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

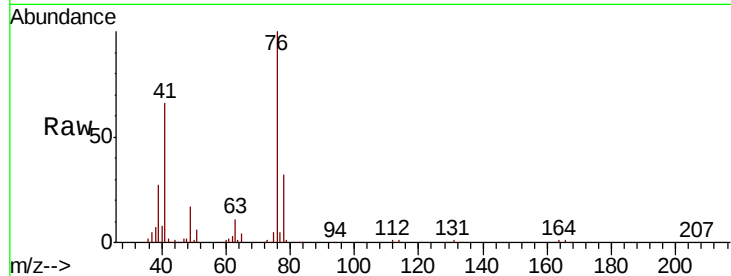
ClientSampleId :

Tot Ion: 76 Resp: 153631

Ion Ratio Lower Upper

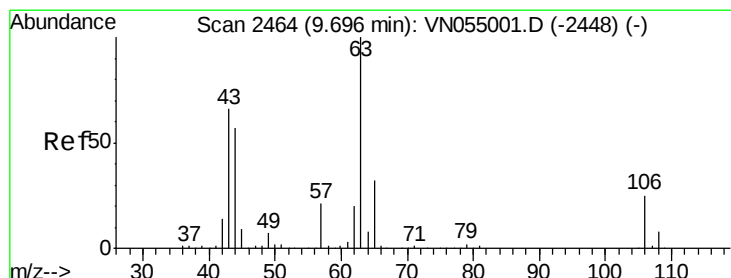
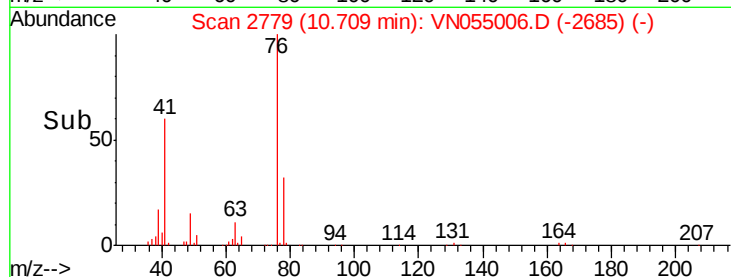
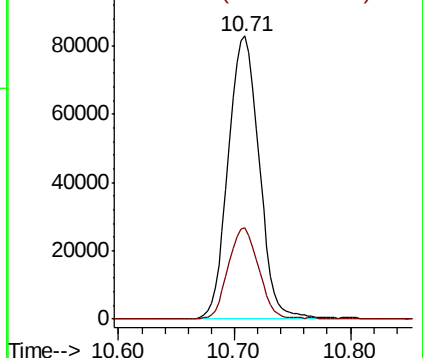
76 100

78 31.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 99.718 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055006.D

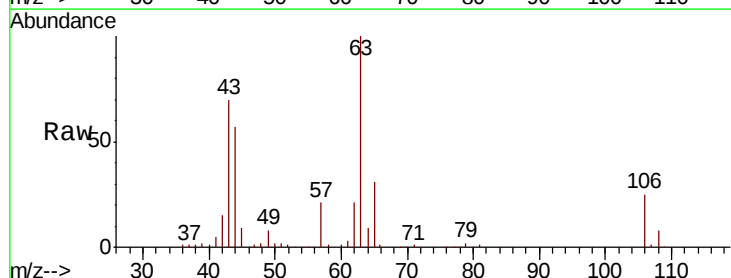
Acq: 12 Apr 2019 18:26

Tgt Ion: 63 Resp: 217052

Ion Ratio Lower Upper

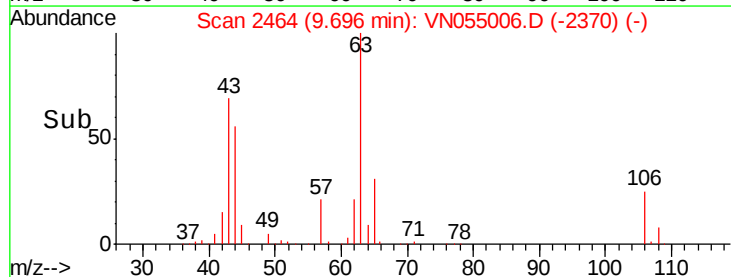
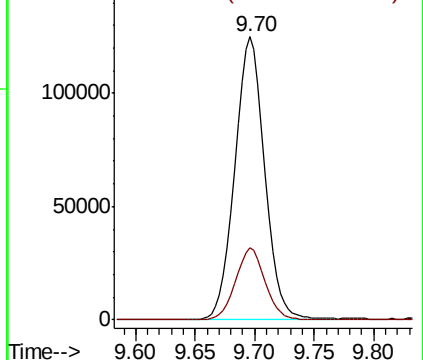
63 100

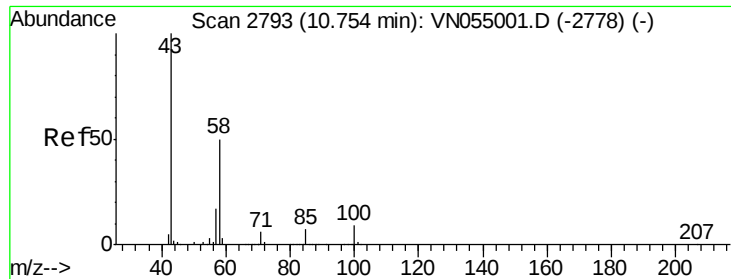
106 25.2 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

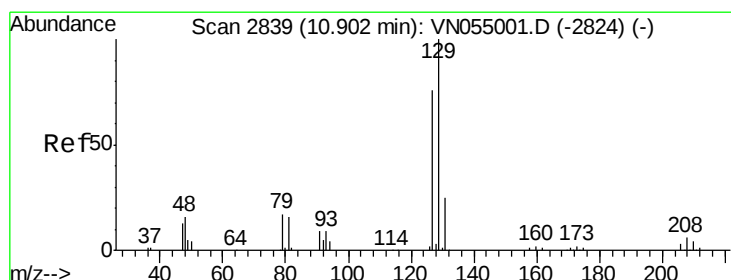
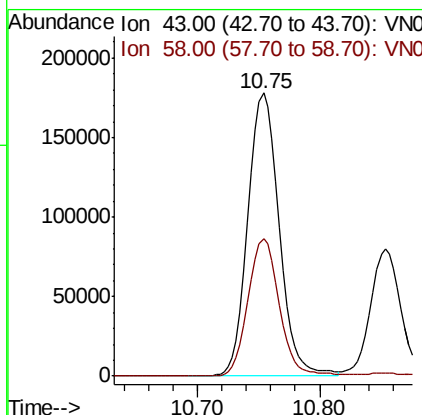
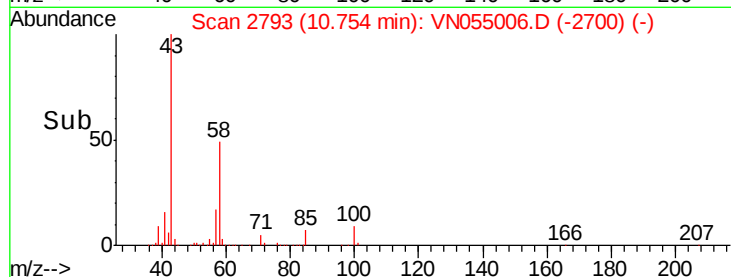
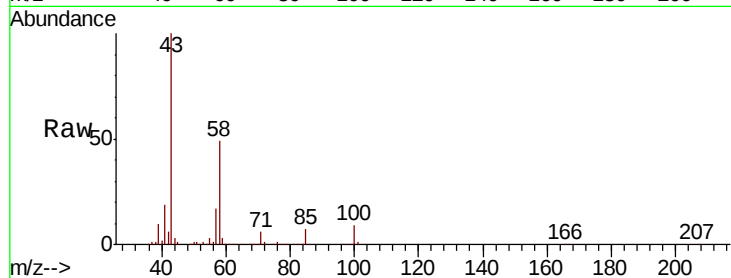




#59
2-Hexanone
Concen: 104.124 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

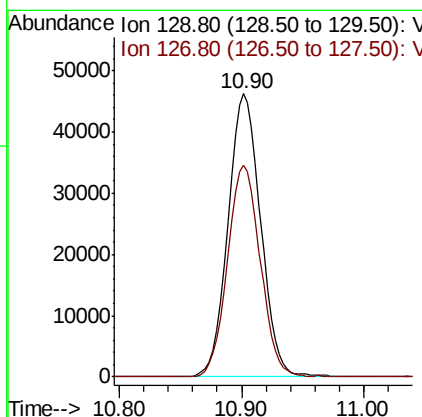
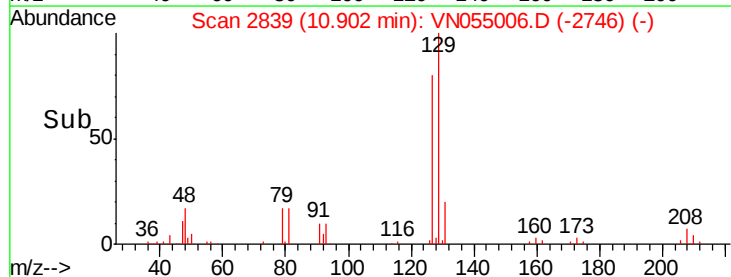
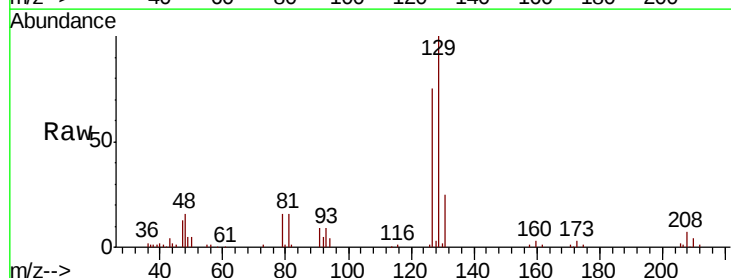
Instrument :
MSVOA_N
ClientSampleId :

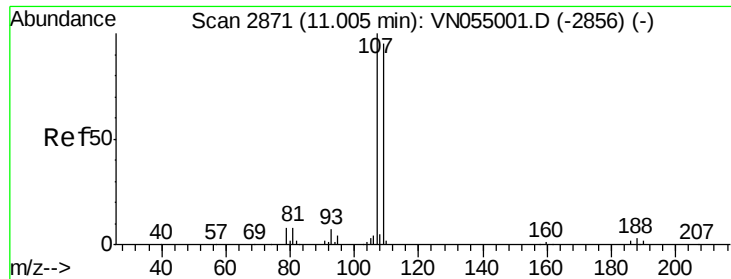
Tot Ion: 43 Resp: 313515
Ion Ratio Lower Upper
43 100
58 48.8 25.1 75.2



#60
Dibromochloromethane
Concen: 20.212 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 129 Resp: 85906
Ion Ratio Lower Upper
129 100
127 75.3 38.2 114.6

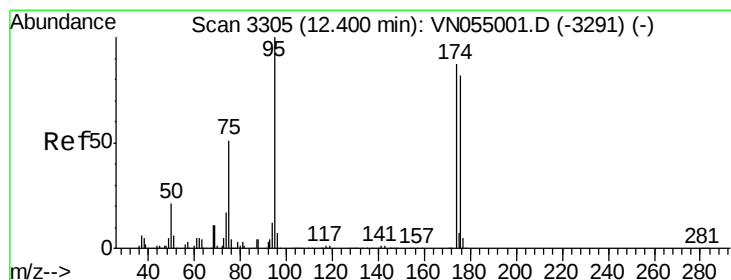
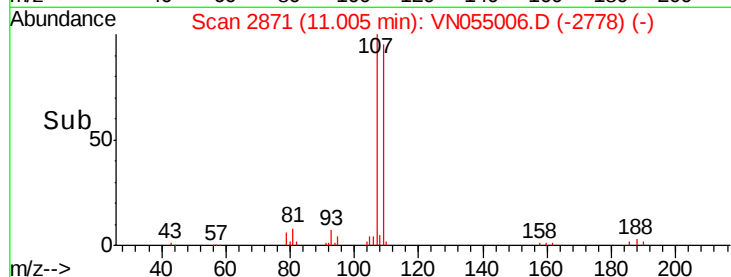
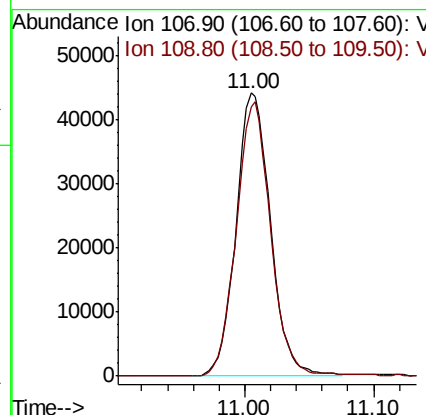
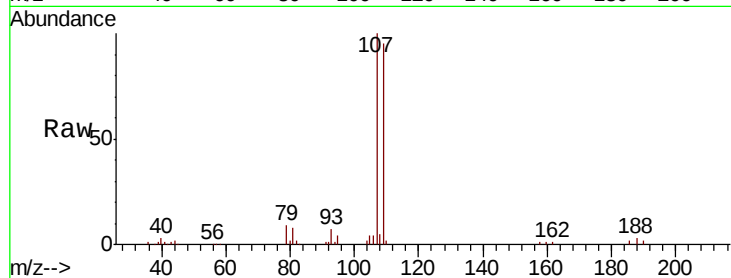




#61
 1,2-Dibromoethane
 Concen: 20.055 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

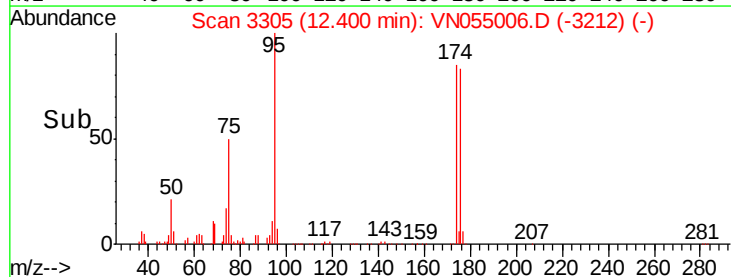
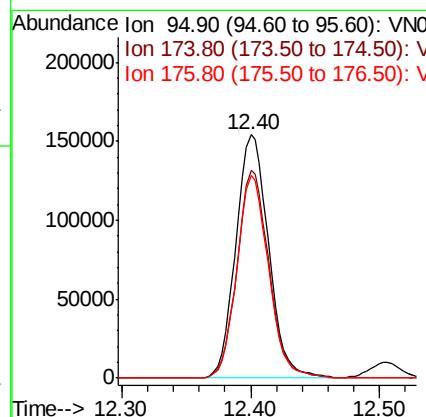
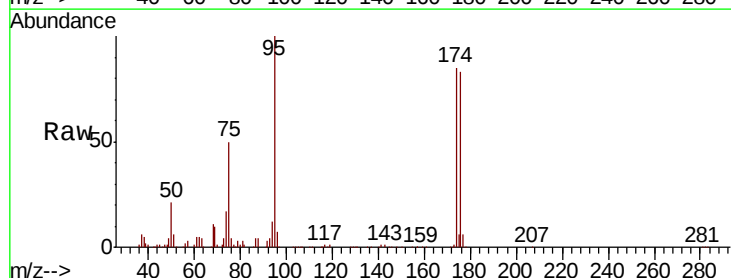
Instrument :
 MSVOA_N
 ClientSampled :

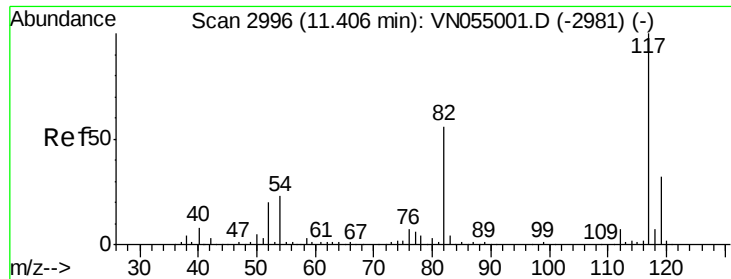
Tot Ion:107 Resp: 81990
 Ion Ratio Lower Upper
 107 100
 109 96.7 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 49.809 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion: 95 Resp: 272486
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 174.4
 176 80.7 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

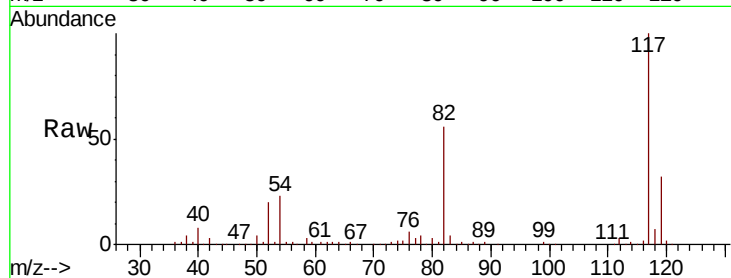
Tot Ion:117 Resp: 608444

Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

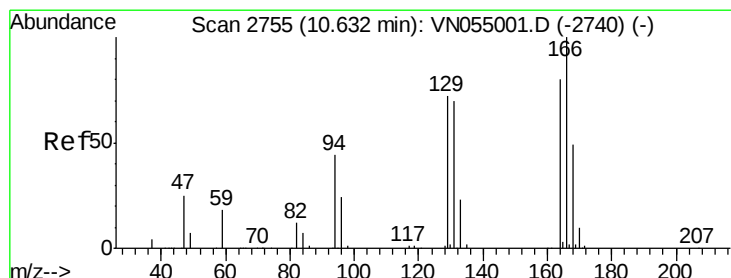
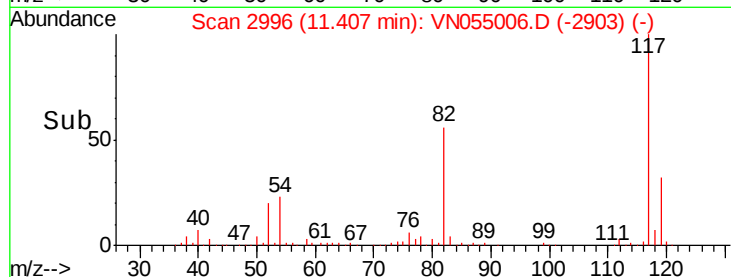
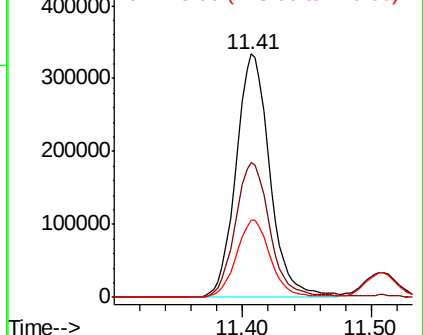
119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.646 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Tgt Ion:164 Resp: 98264

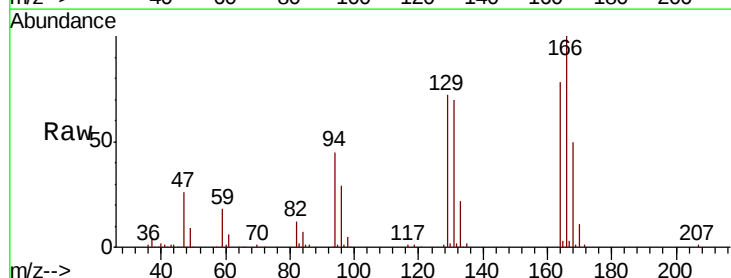
Ion Ratio Lower Upper

164 100

166 127.9 100.0 150.0

129 92.4 72.0 108.0

131 89.2 69.7 104.5

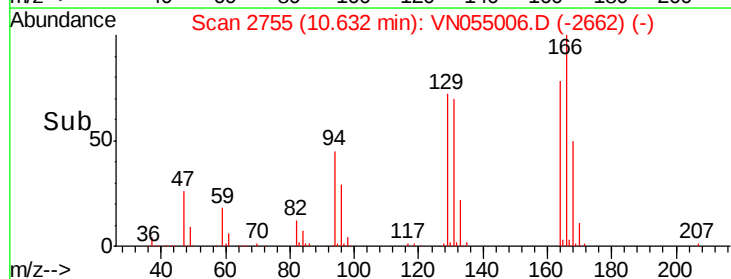
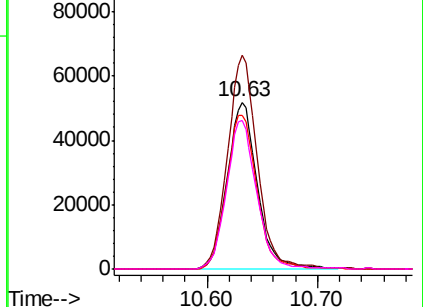


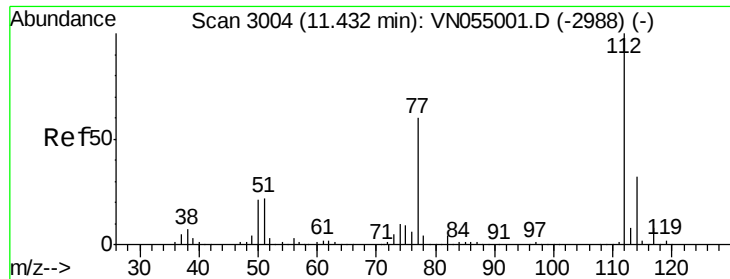
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

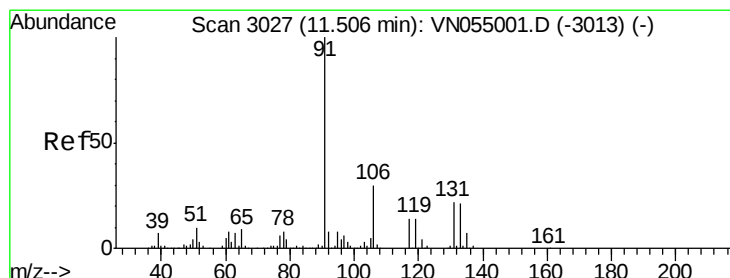
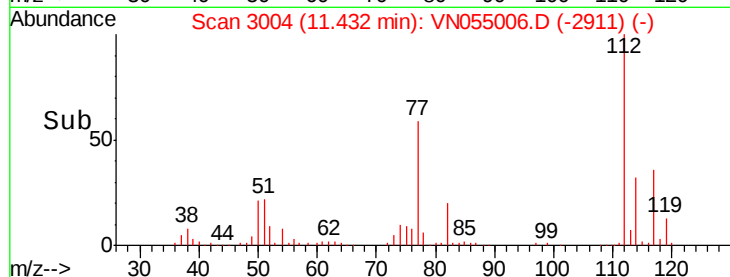
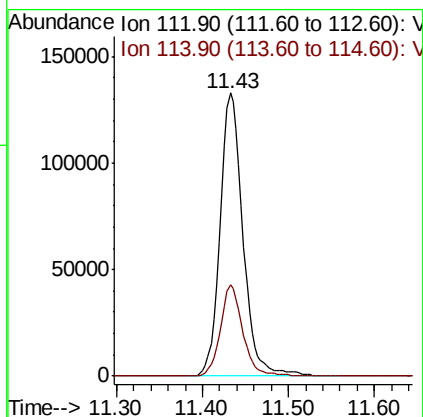
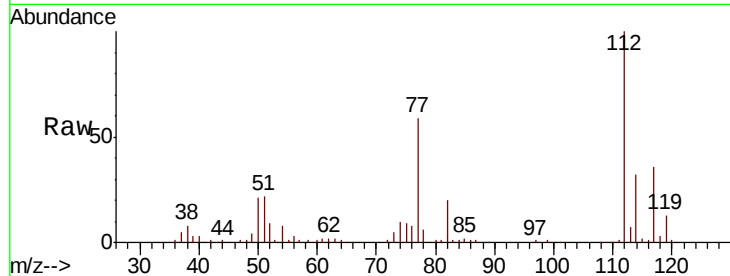




#65
Chlorobenzene
Concen: 20.932 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

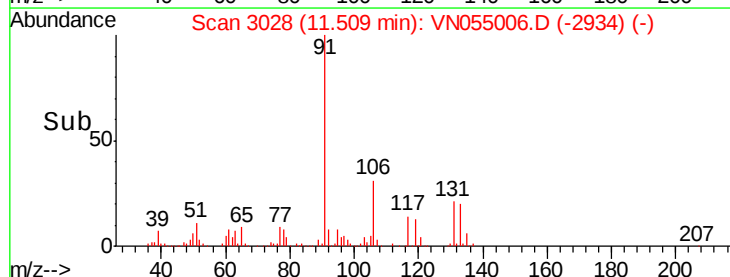
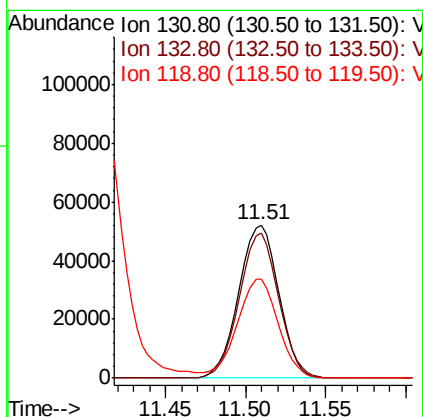
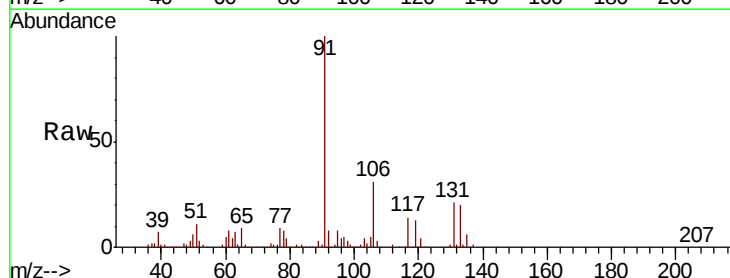
Instrument :
MSVOA_N
ClientSampled :

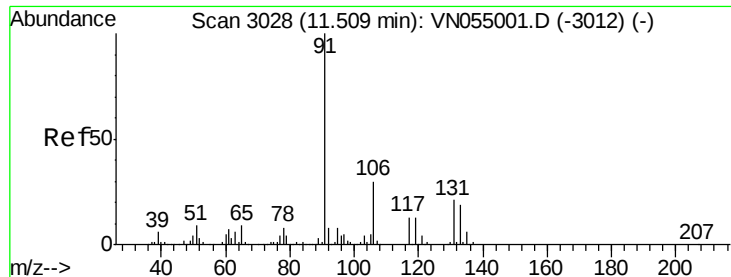
Tot Ion:112 Resp: 245571
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.591 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion:131 Resp: 89026
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 66.4 33.6 100.6

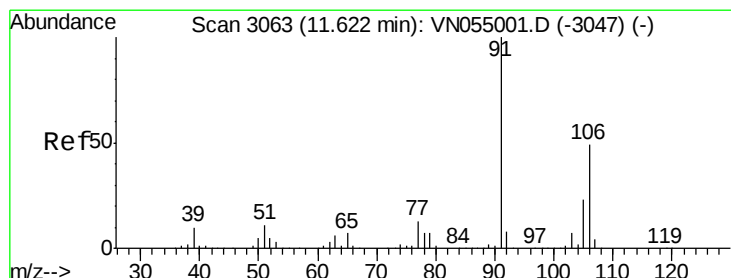
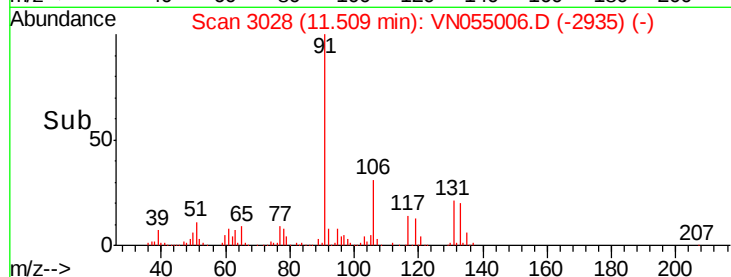
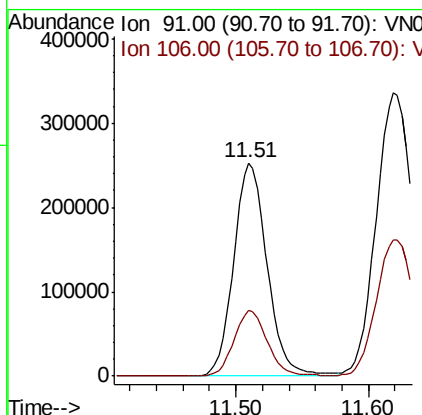
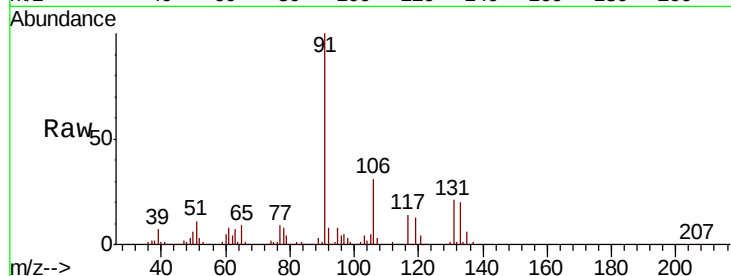




#67
Ethyl Benzene
Concen: 20.582 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

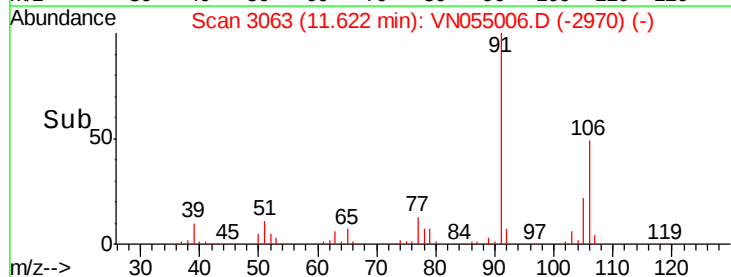
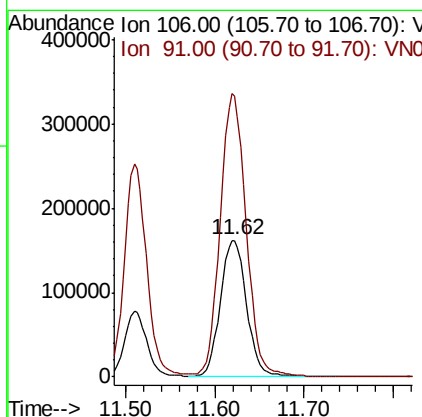
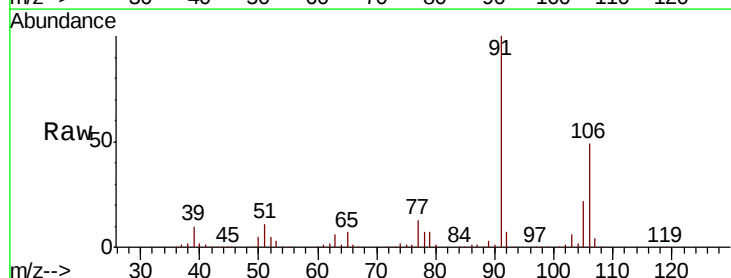
Instrument :
MSVOA_N
ClientSampled :

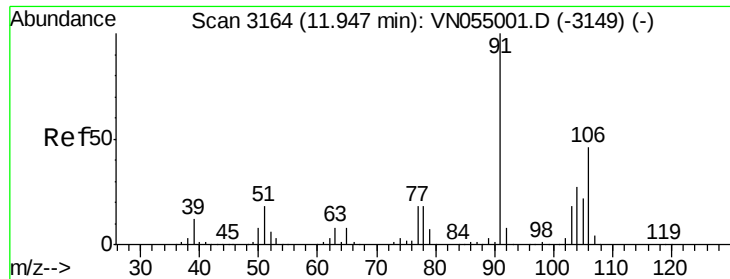
Tot Ion: 91 Resp: 443541
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 41.986 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 106 Resp: 331036
Ion Ratio Lower Upper
106 100
91 204.1 165.9 248.9

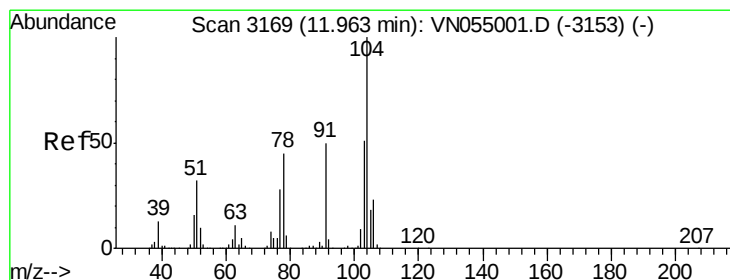
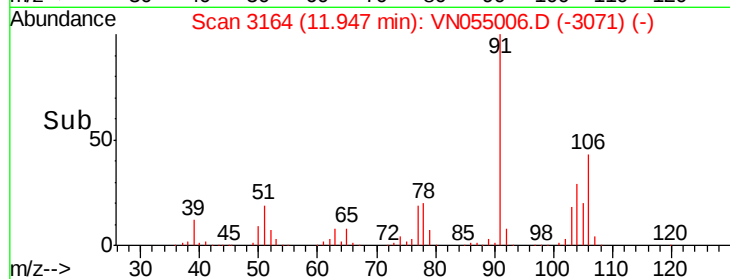
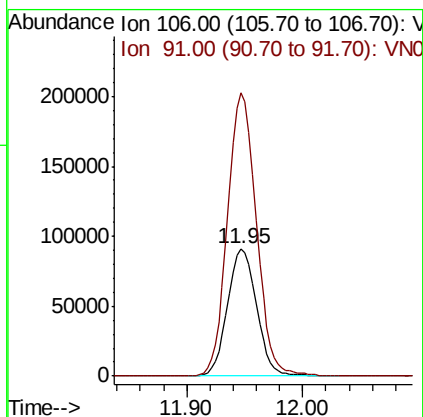
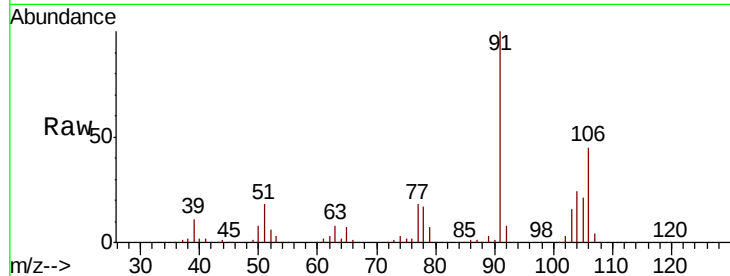




#69
o-Xylene
Concen: 20.227 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

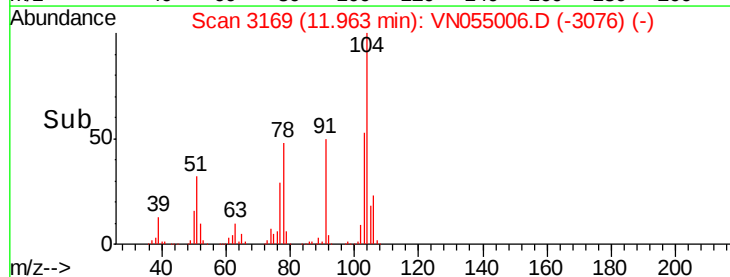
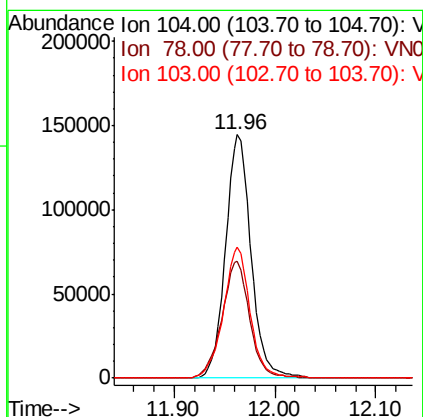
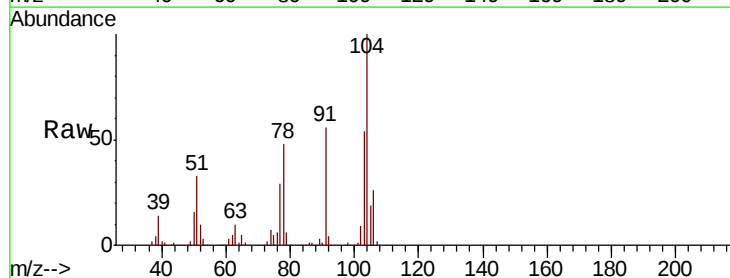
Instrument :
MSVOA_N
ClientSampled :

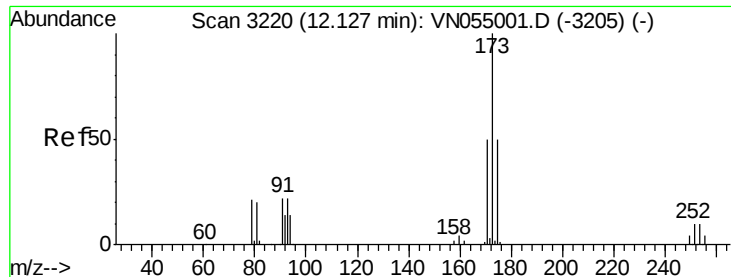
Tot Ion:106 Resp: 157790
Ion Ratio Lower Upper
106 100
91 220.8 109.9 329.8



#70
Styrene
Concen: 20.694 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion:104 Resp: 255972
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 56.1 44.3 66.5

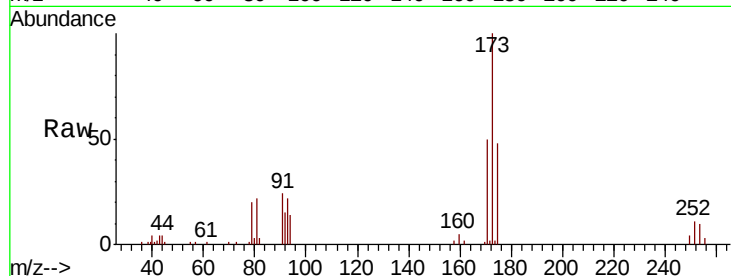




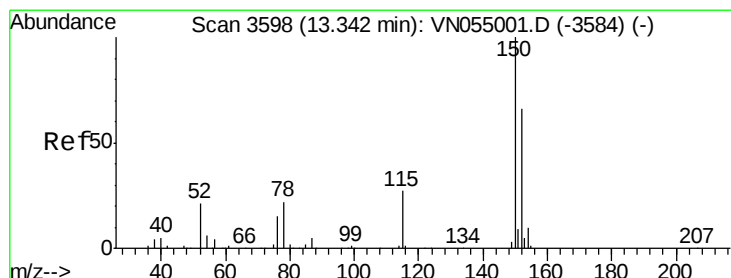
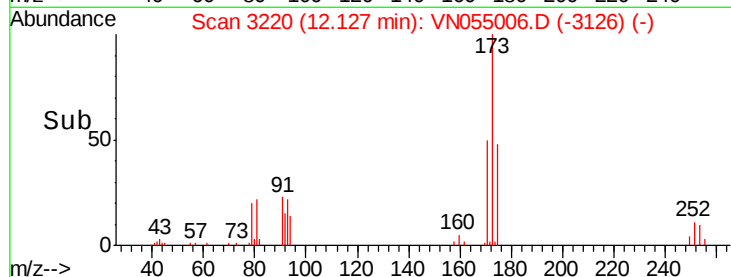
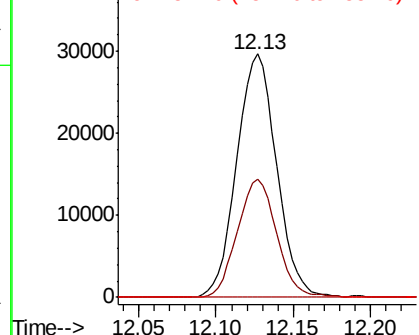
#71
Bromoform
Concen: 19.534 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 52985
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.1 0.1#

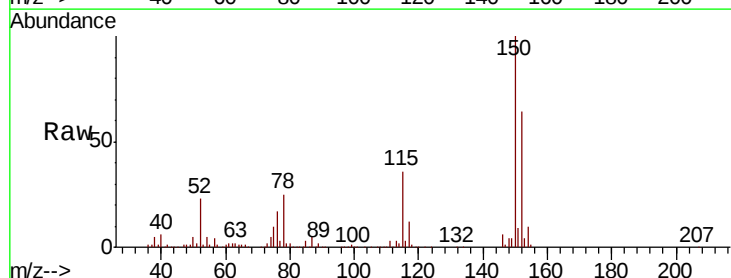


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

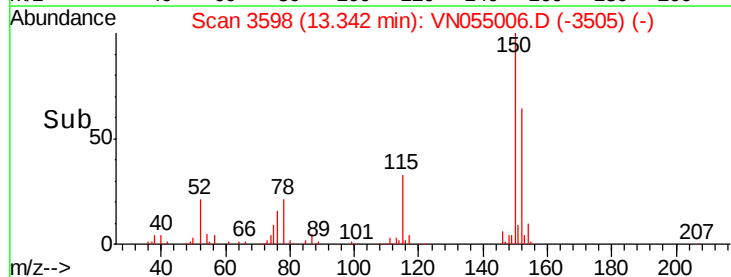
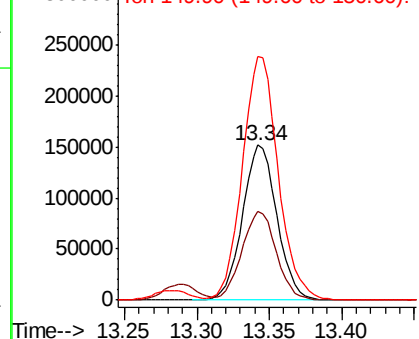


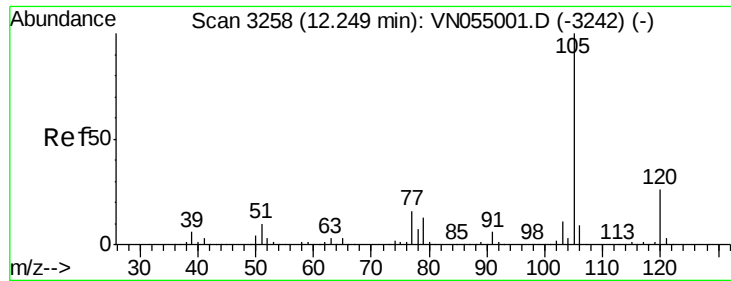
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion:152 Resp: 250003
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.6
150 163.3 0.0 347.2



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

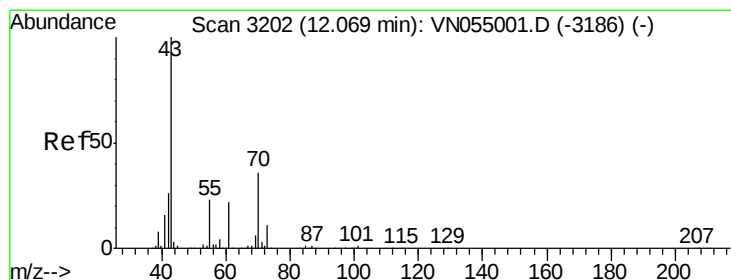
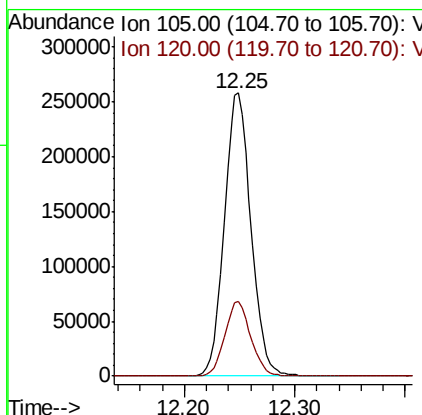
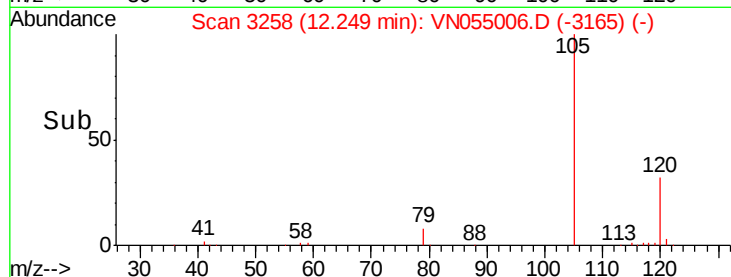
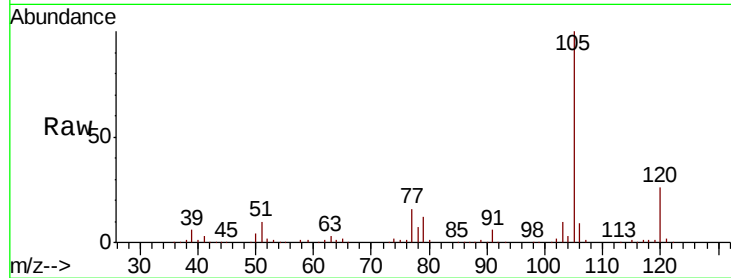




#73
Isopropylbenzene
Concen: 20.281 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

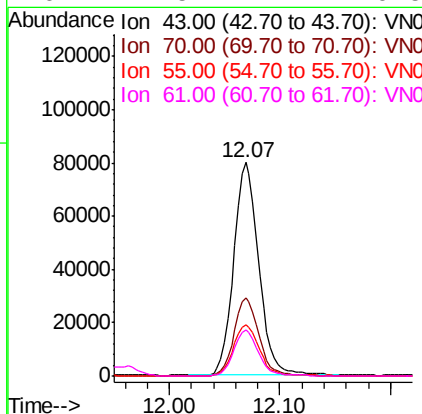
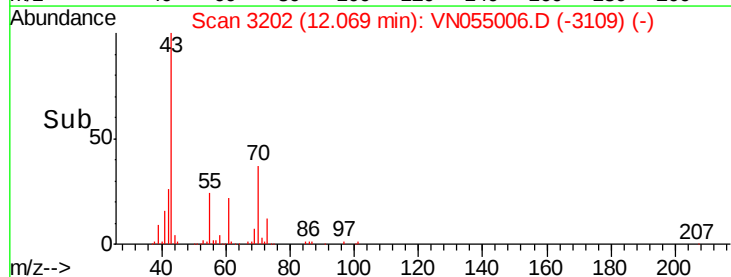
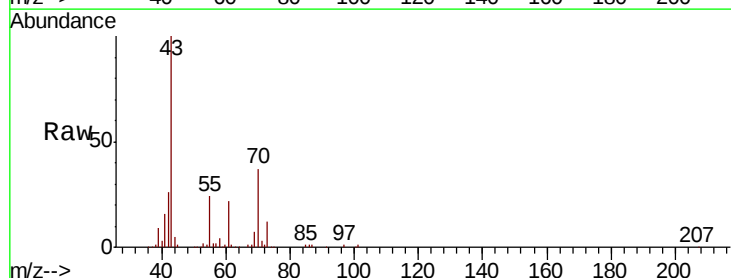
Instrument :
MSVOA_N
ClientSampled :

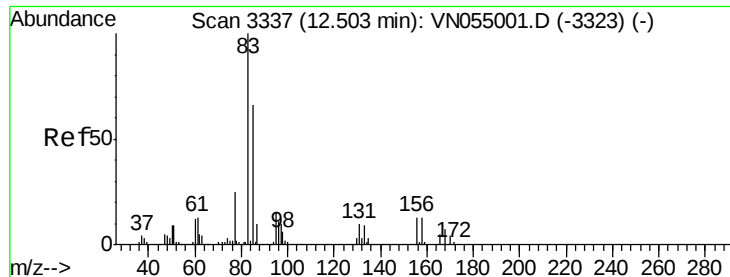
Tot Ion:105 Resp: 431095
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#74
N-ethyl acetate
Concen: 19.727 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion: 43 Resp: 126388
Ion Ratio Lower Upper
43 100
70 36.5 29.4 44.0
55 25.2 19.0 28.4
61 21.5 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.757 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

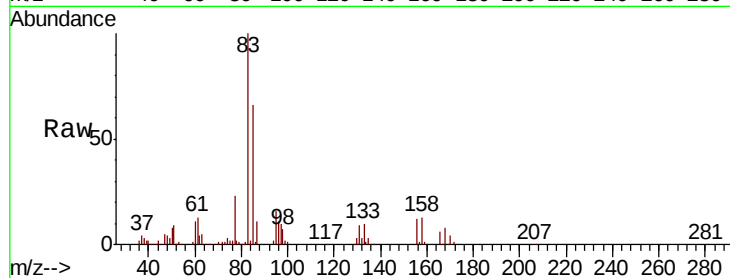
Tot Ion: 83 Resp: 108727

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	66.0	32.3	96.9

83 100

131 9.9 5.0 15.0

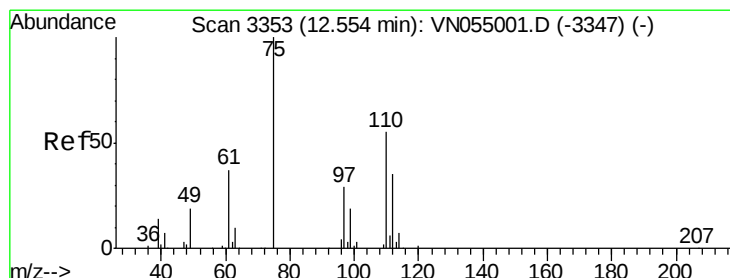
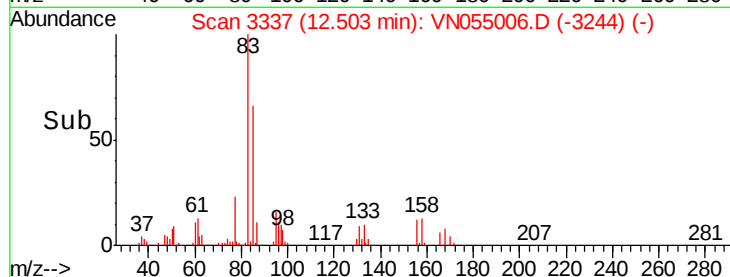
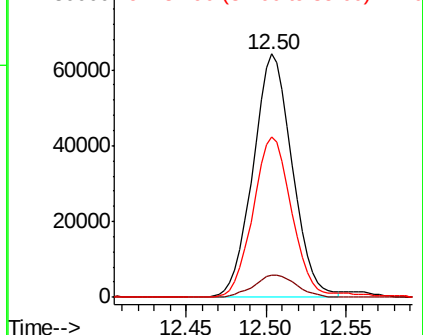
85 66.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055006.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN055006.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN055006.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 27.042 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055006.D

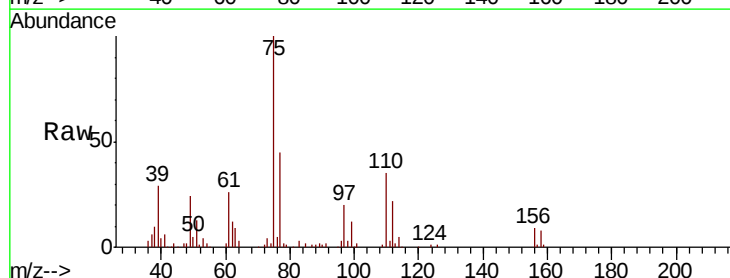
Acq: 12 Apr 2019 18:26

Tgt Ion: 75 Resp: 124376

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

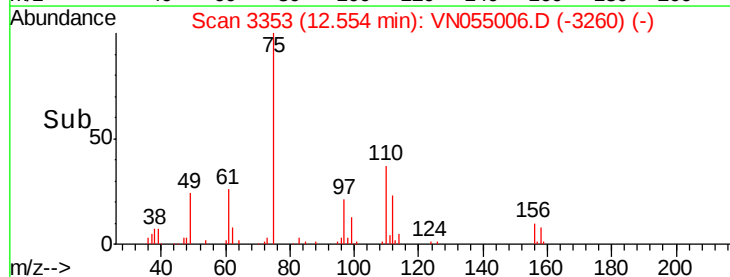
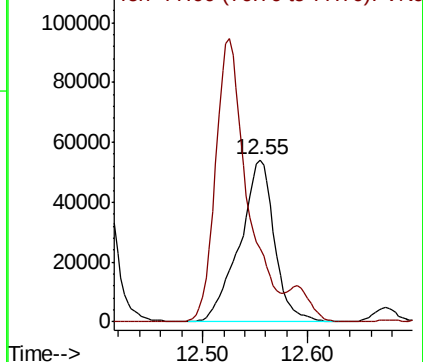
75 100

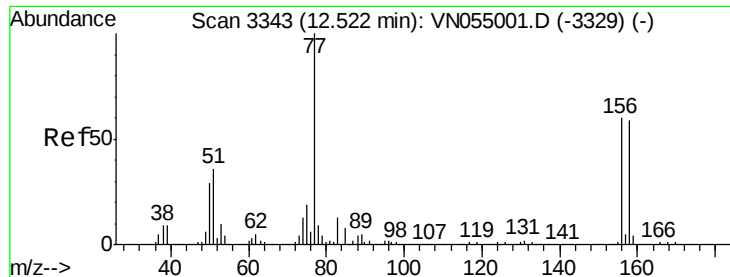
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055006.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055006.D (-3353) (-)





#77

Bromobenzene

Concen: 21.336 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

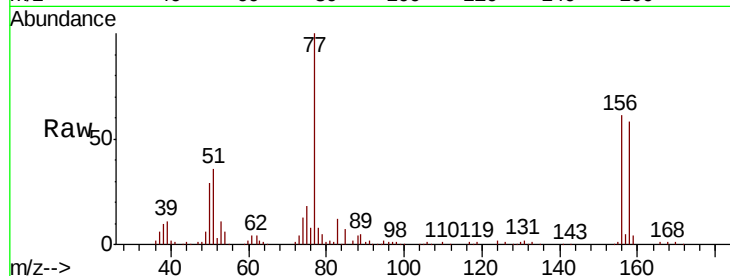
Tot Ion:156 Resp: 104225

Ion Ratio Lower Upper

156 100

77 189.7 97.2 291.5

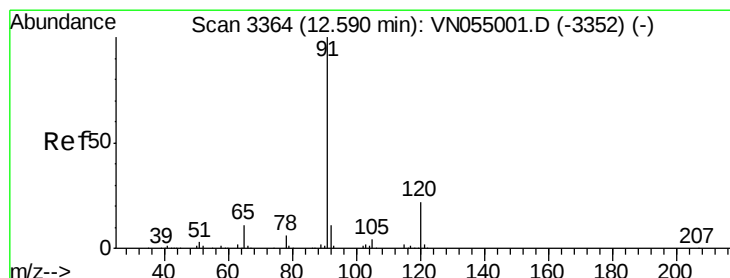
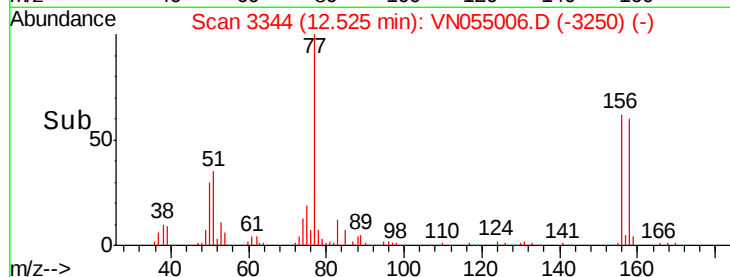
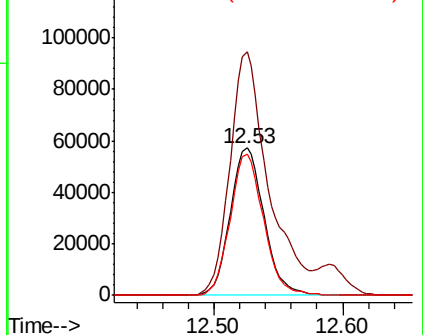
158 94.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.641 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055006.D

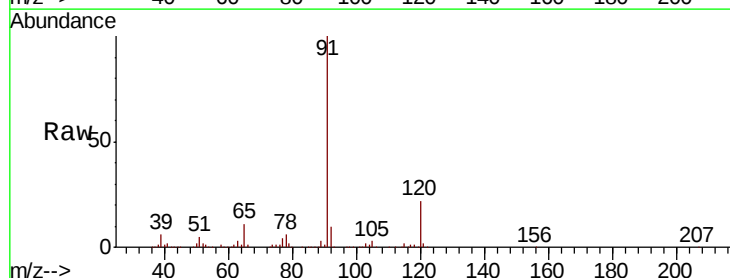
Acq: 12 Apr 2019 18:26

Tgt Ion: 91 Resp: 478012

Ion Ratio Lower Upper

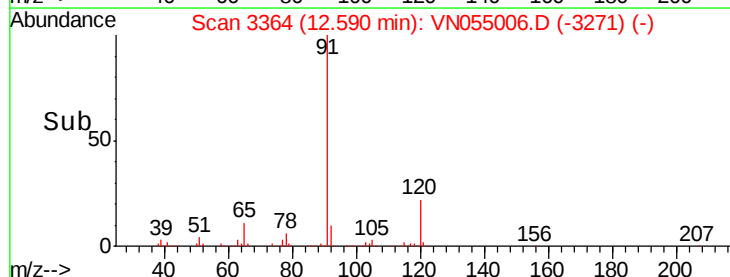
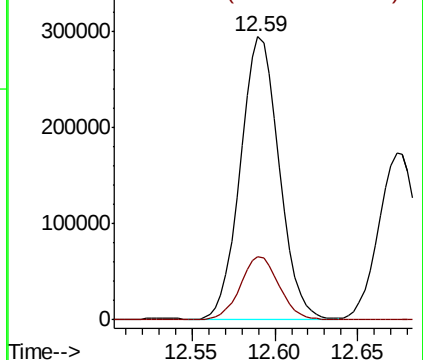
91 100

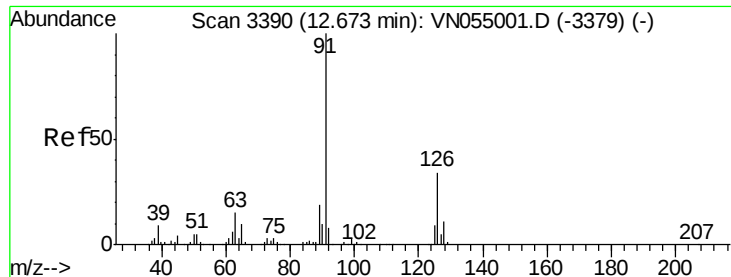
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.132 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

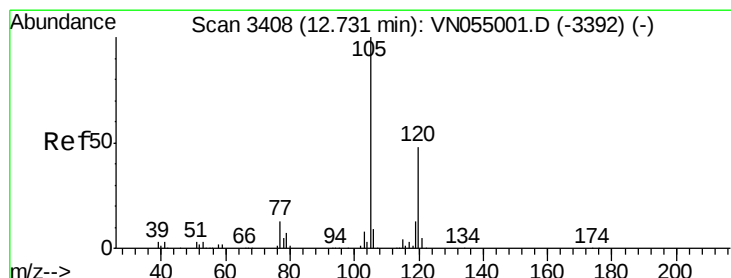
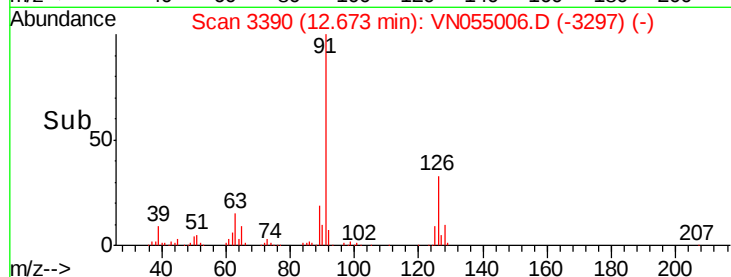
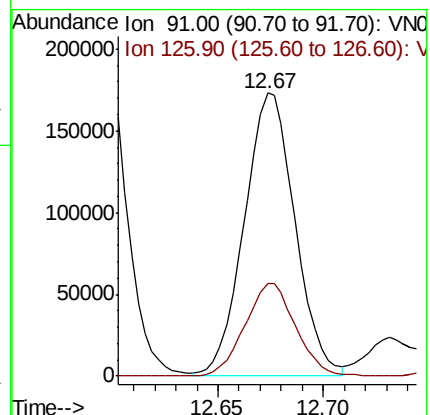
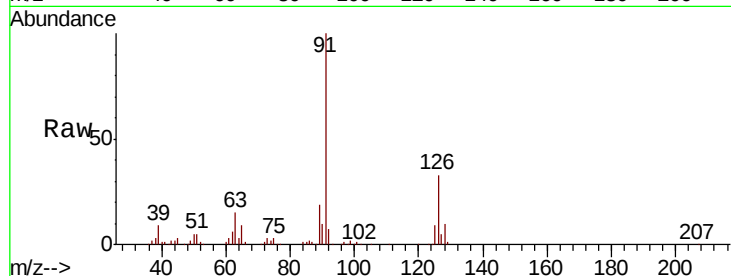
ClientSampled :

Tot Ion: 91 Resp: 288022

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.121 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055006.D

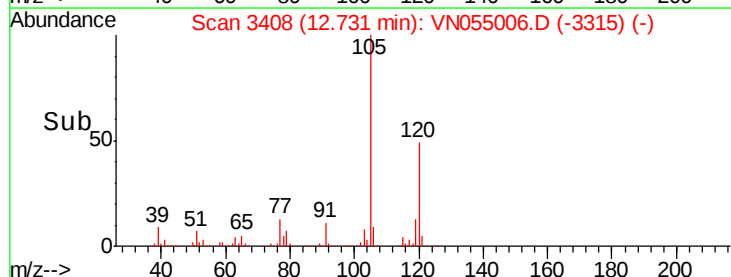
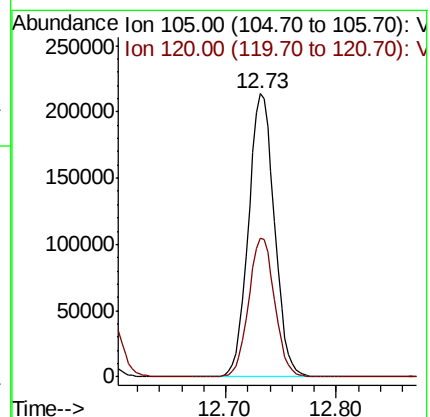
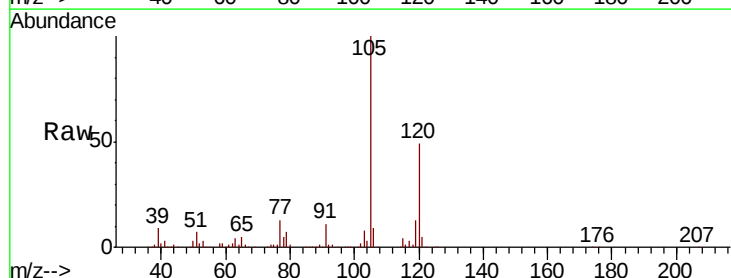
Acq: 12 Apr 2019 18:26

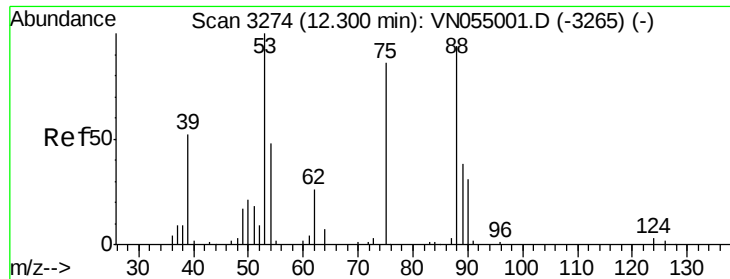
Tgt Ion: 105 Resp: 348165

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.804 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

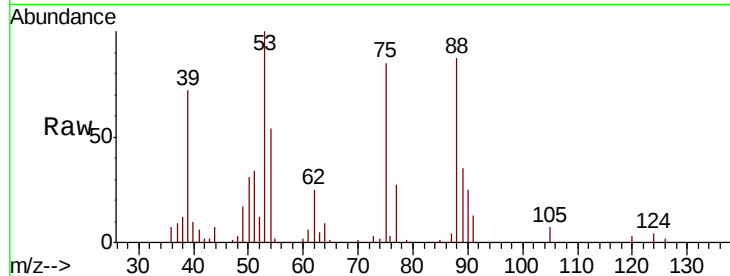
Tot Ion: 75 Resp: 22069

Ion Ratio Lower Upper

75 100

53 125.4 96.3 144.5

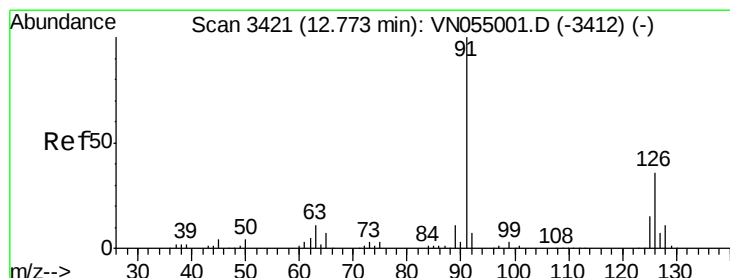
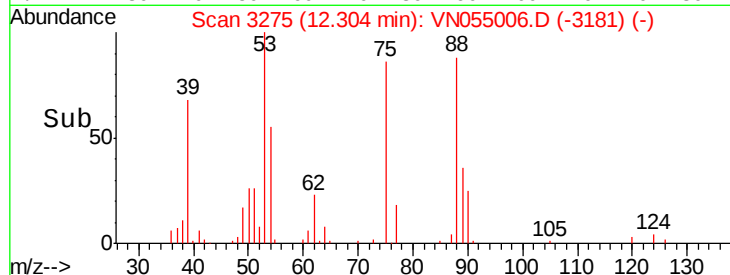
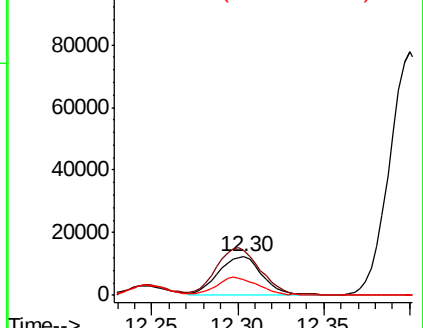
89 43.8 38.6 57.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.900 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055006.D

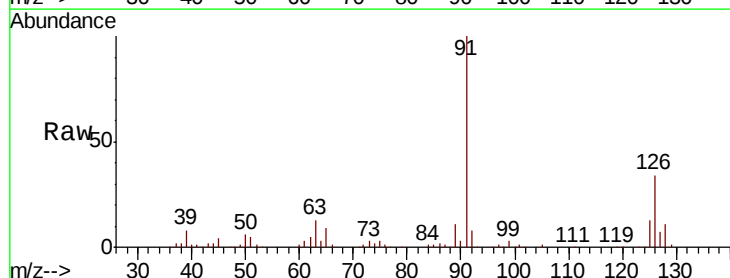
Acq: 12 Apr 2019 18:26

Tgt Ion: 91 Resp: 275341

Ion Ratio Lower Upper

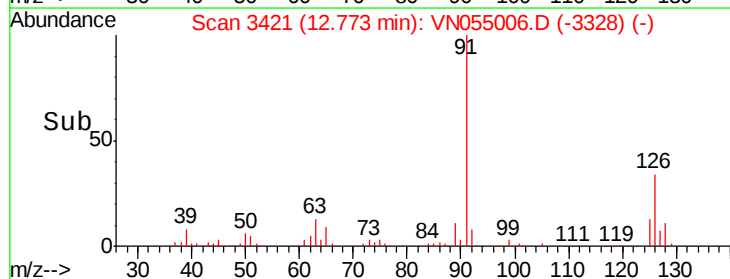
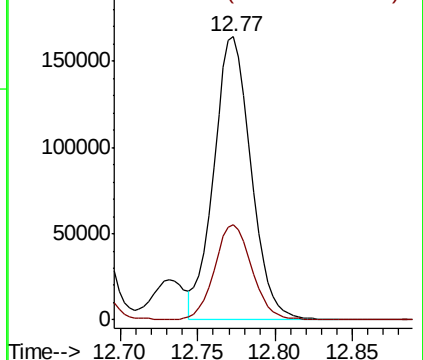
91 100

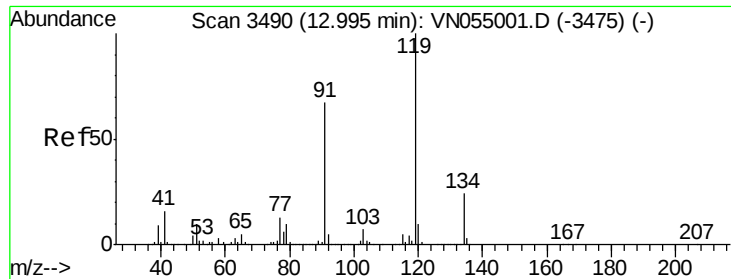
126 33.8 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

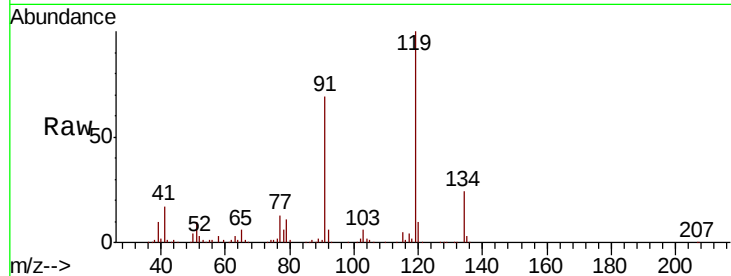




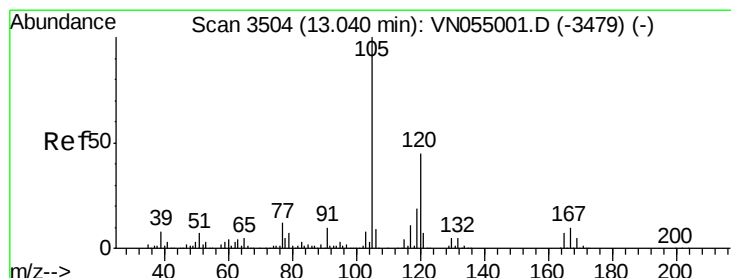
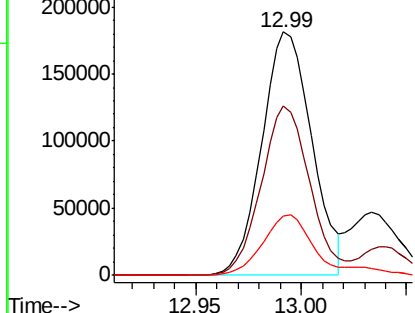
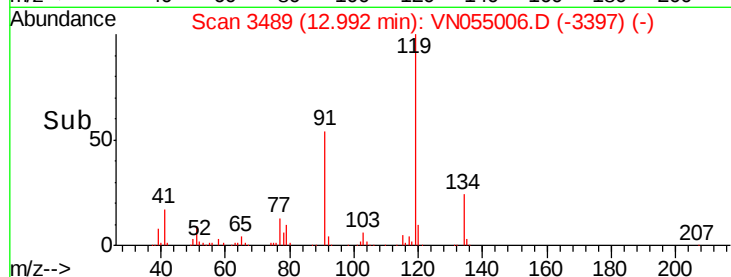
#83
tert-Butylbenzene
Concen: 20.197 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 299402
Ion Ratio Lower Upper
119 100
91 67.4 33.3 99.8
134 26.8 12.3 36.9

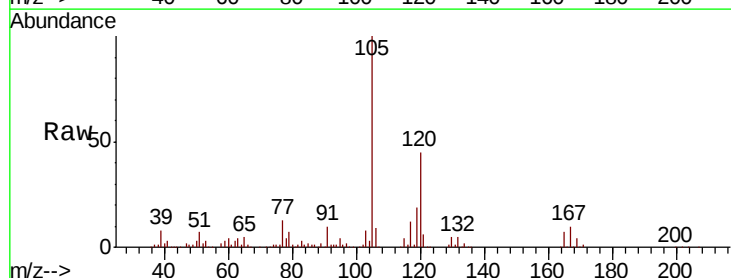


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

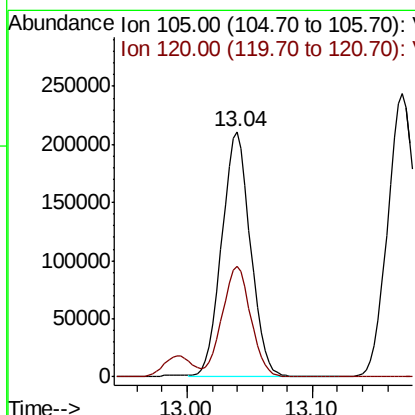
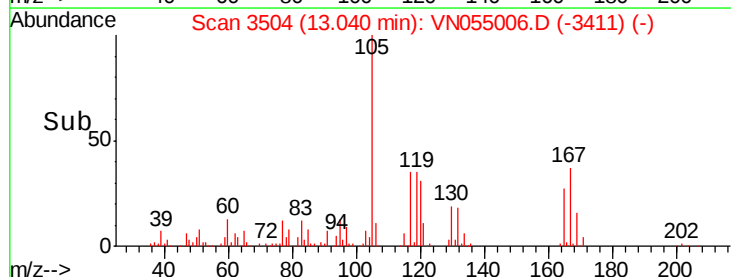


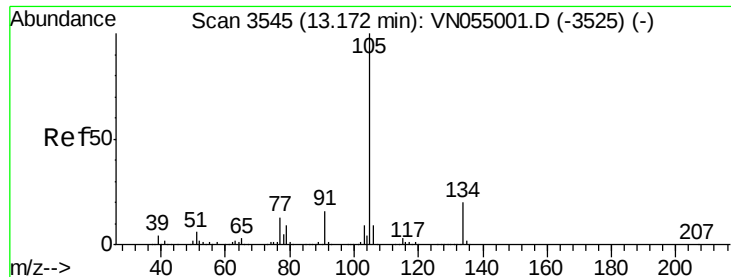
#84
1,2,4-Trimethylbenzene
Concen: 20.340 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055006.D
Acq: 12 Apr 2019 18:26

Tgt Ion:105 Resp: 337482
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.657 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

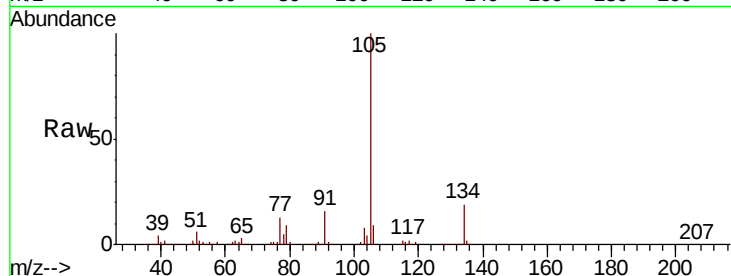
ClientSampled :

Tot Ion:105 Resp: 390971

Ion Ratio Lower Upper

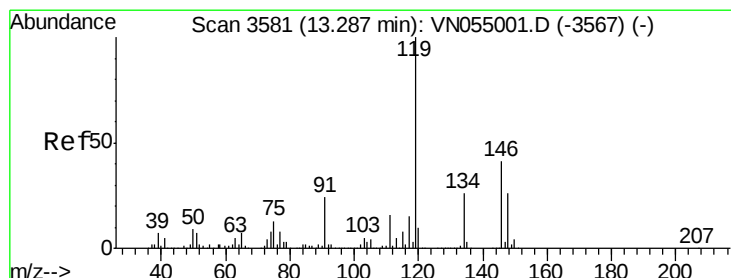
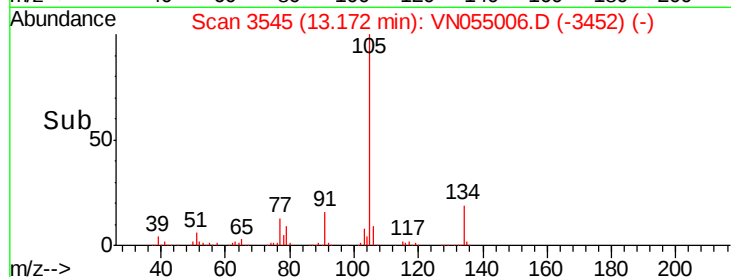
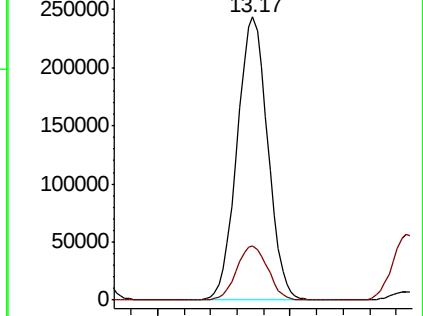
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.601 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

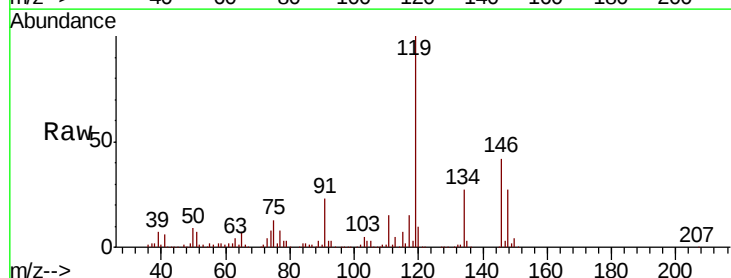
Tgt Ion:119 Resp: 339162

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

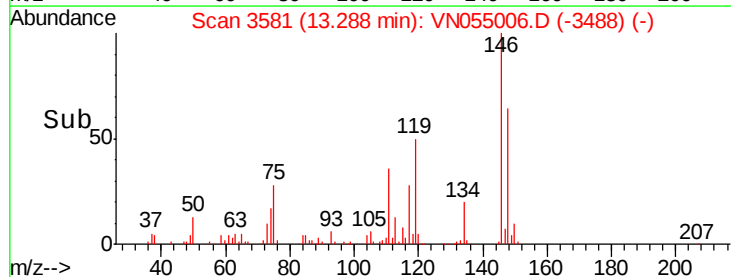
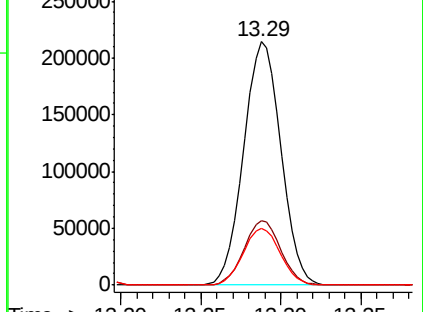
91 23.3 11.7 35.1

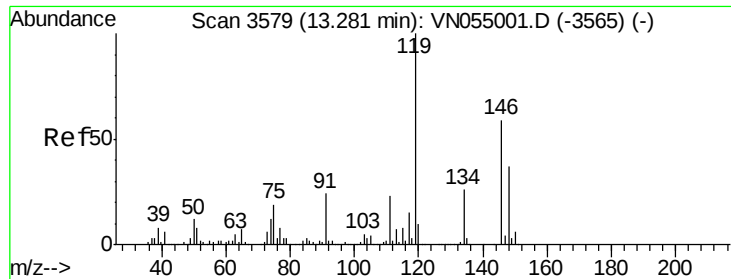


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

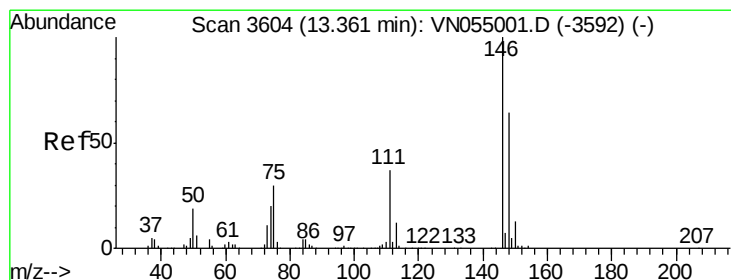
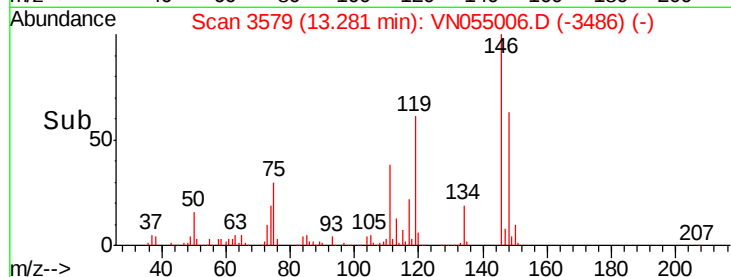
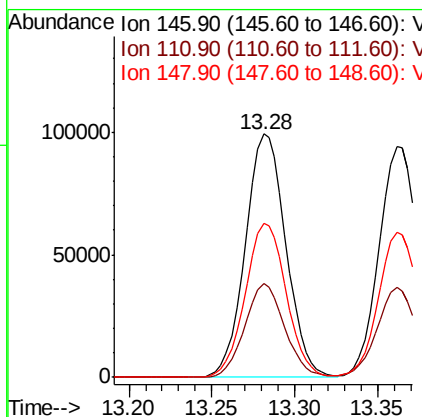
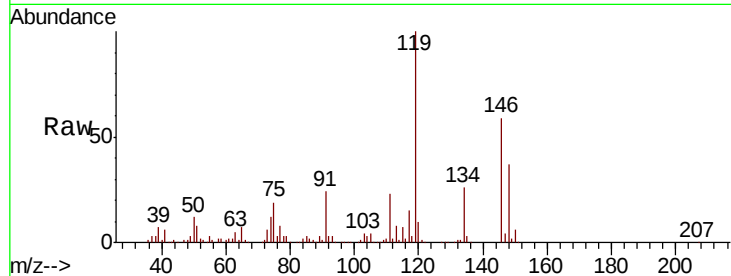




#87
 1,3-Dichlorobenzene
 Concen: 19.847 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

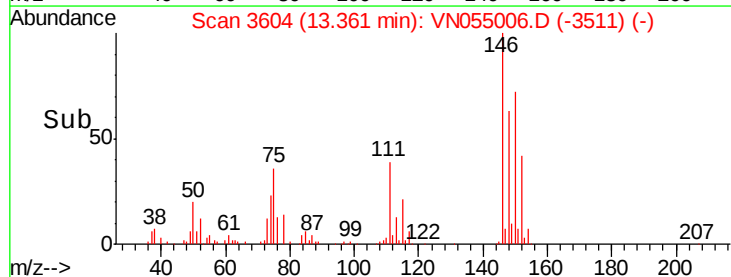
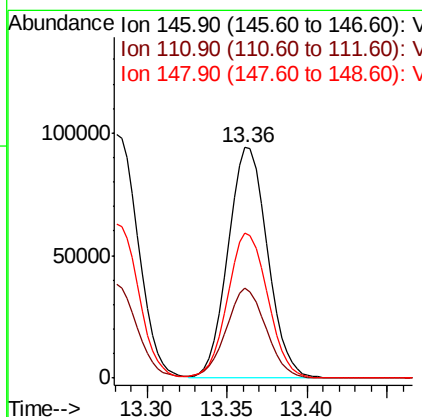
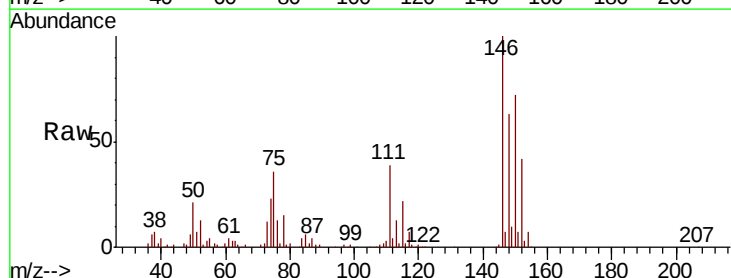
Instrument :
 MSVOA_N
 ClientSampled :

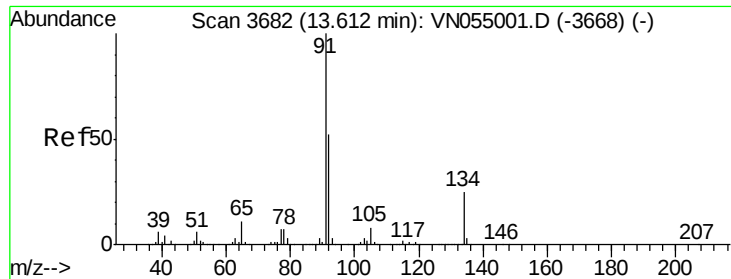
Tot Ion:146 Resp: 168536
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.5 58.5
 148 64.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.541 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion:146 Resp: 158702
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.8 56.4
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.694 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

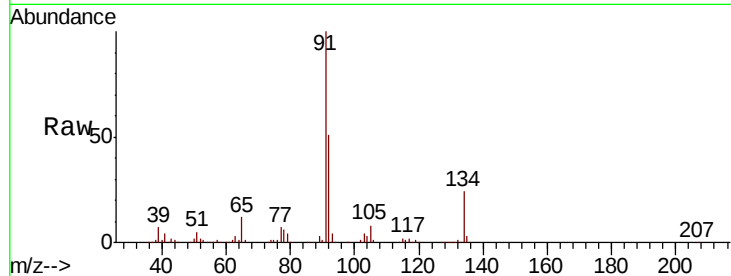
Tot Ion: 91 Resp: 254640

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.7

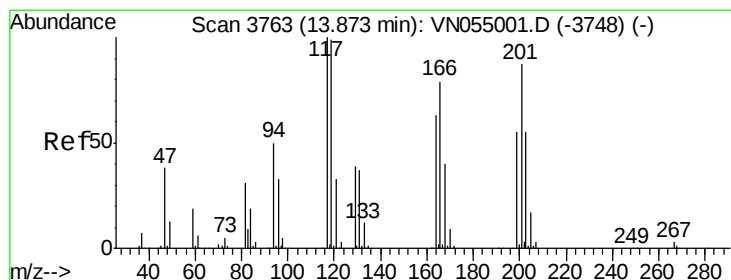
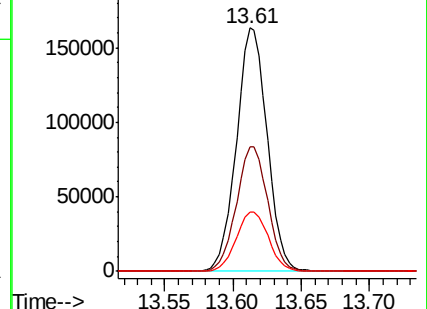
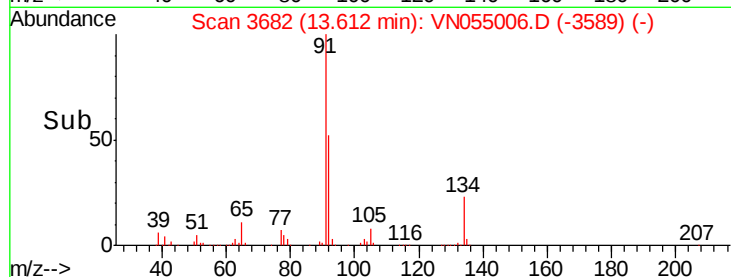
134 25.5 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN055006.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055006.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055006.D (-3682) (-)



#90

Hexachloroethane

Concen: 18.903 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055006.D

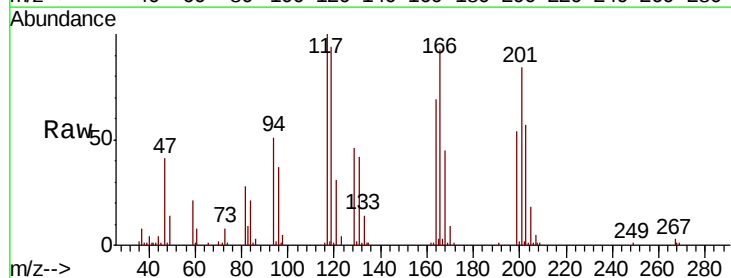
Acq: 12 Apr 2019 18:26

Tgt Ion: 117 Resp: 51424

Ion Ratio Lower Upper

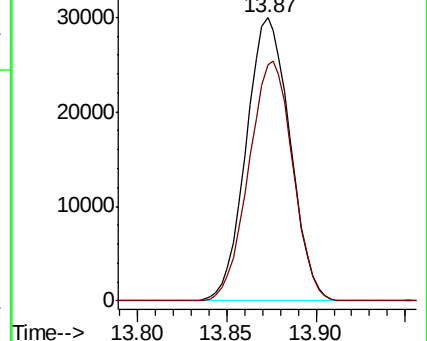
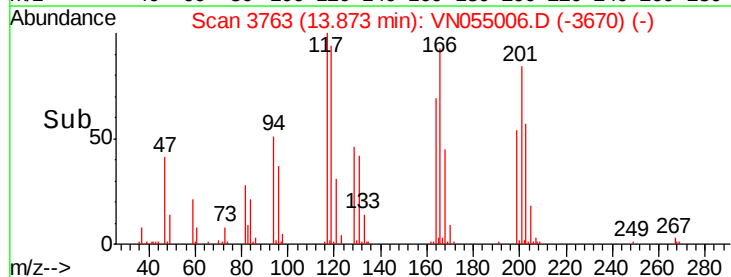
117 100

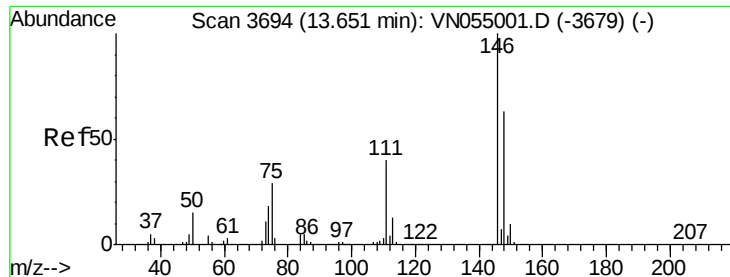
201 85.1 43.4 130.2



Abundance Ion 116.80 (116.50 to 117.50): VN055006.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055006.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 20.271 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

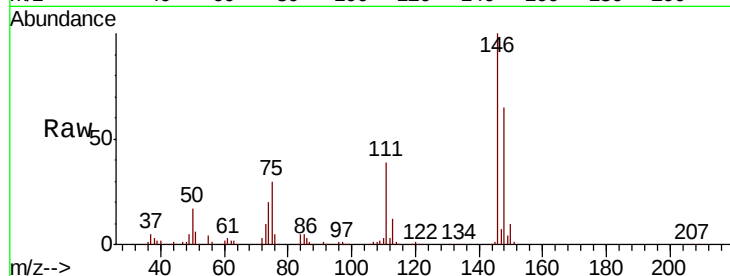
Tot Ion:146 Resp: 167101

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

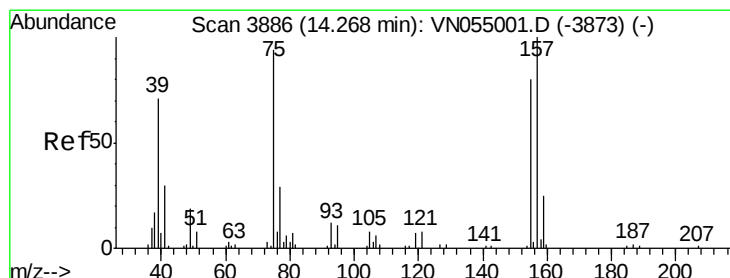
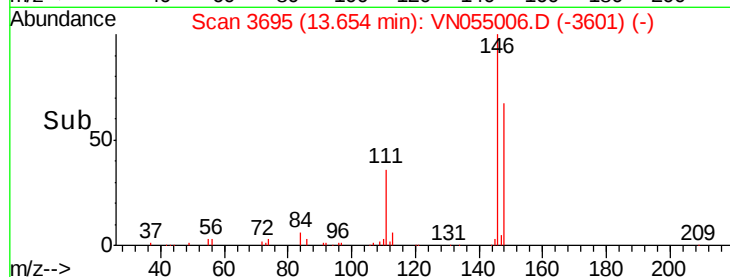
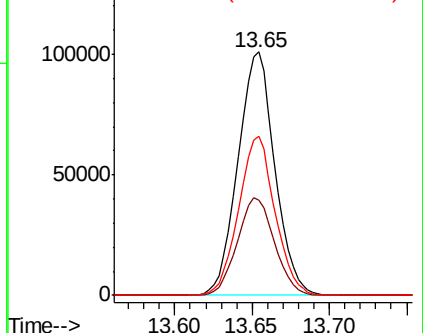
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.191 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

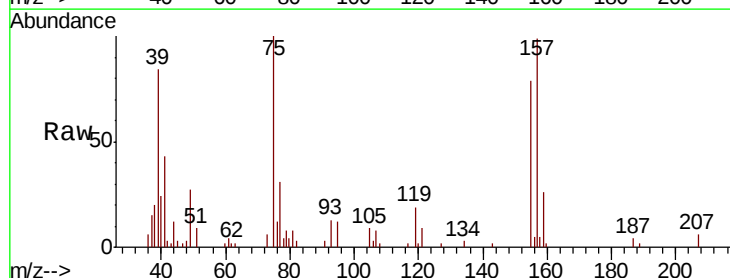
Tgt Ion: 75 Resp: 14449

Ion Ratio Lower Upper

75 100

155 84.4 42.0 126.0

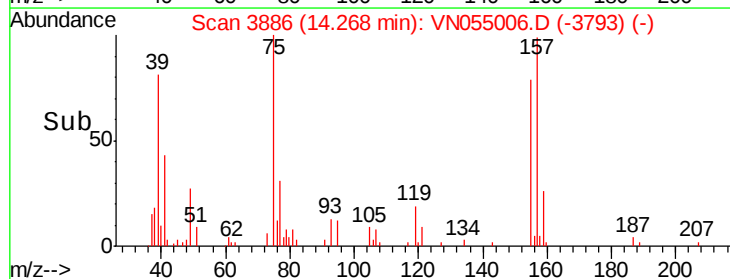
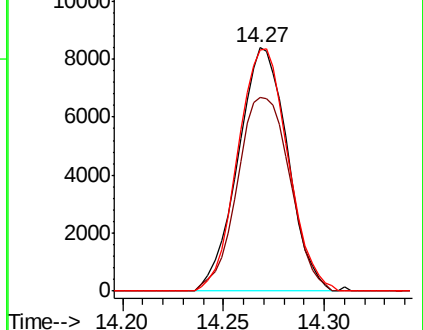
157 100.6 52.1 156.4

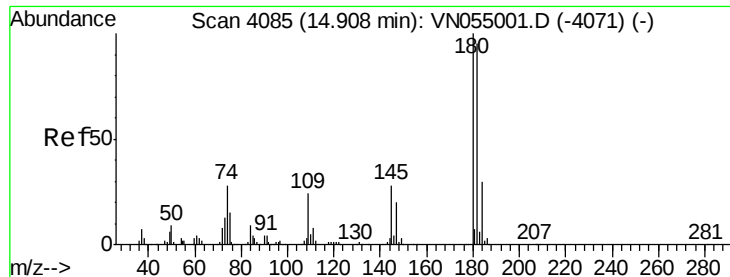


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

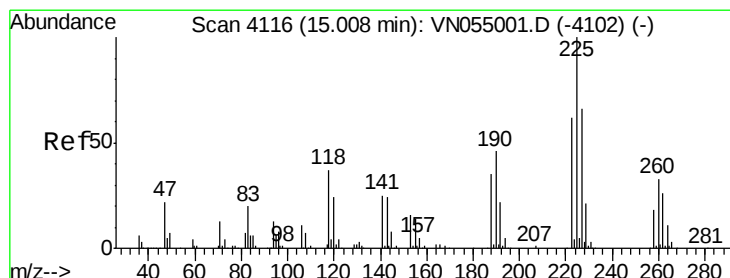
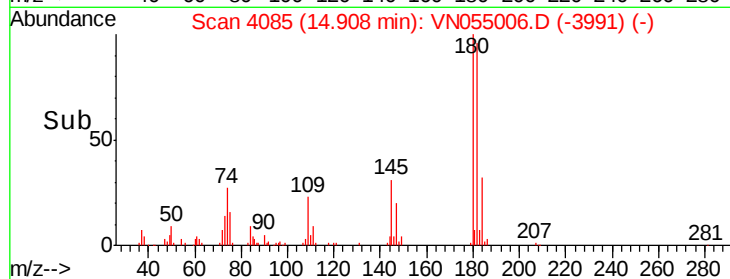
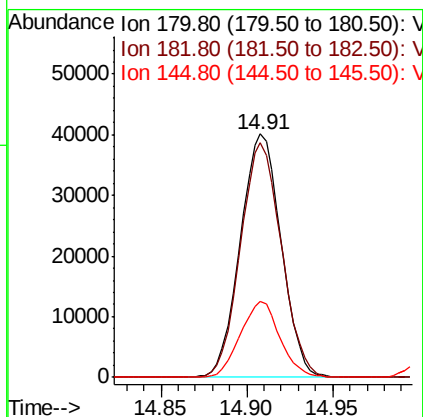
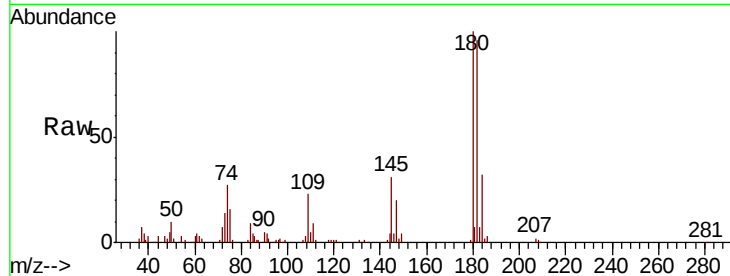




#93
 1,2,4-Trichlorobenzene
 Concen: 18.559 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

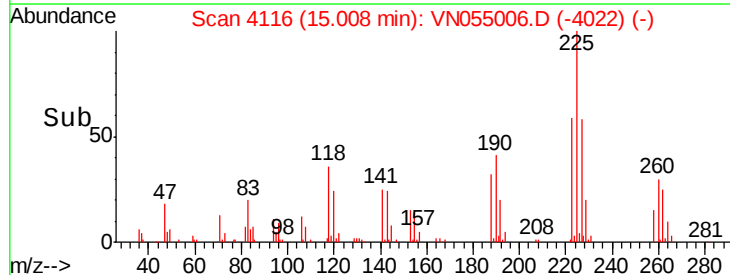
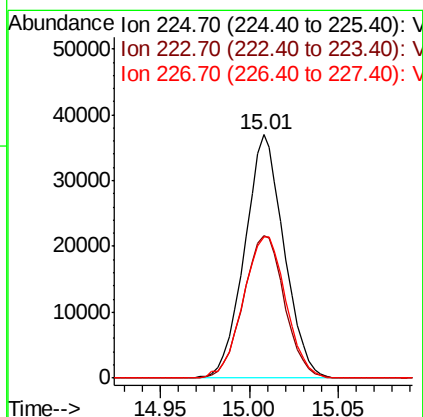
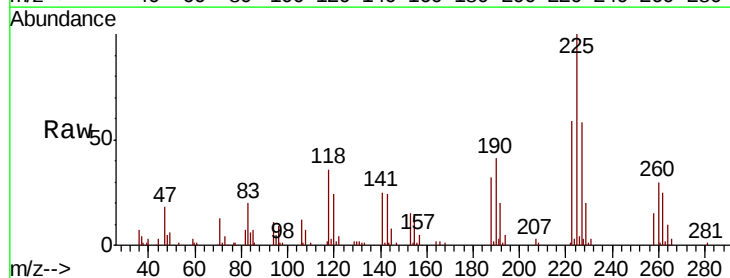
Instrument :
 MSVOA_N
 ClientSampled :

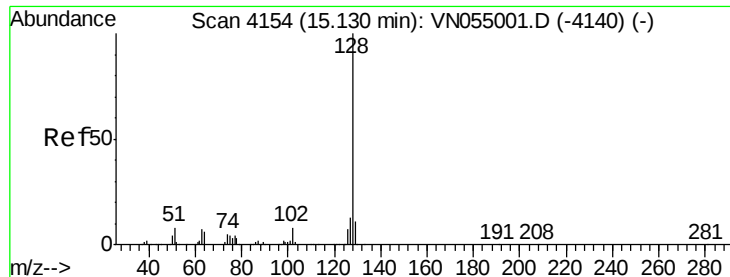
Tot Ion:180 Resp: 66202
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.6
 145 30.1 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 21.906 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055006.D
 Acq: 12 Apr 2019 18:26

Tgt Ion:225 Resp: 57081
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.4 94.0
 227 62.7 32.6 97.7





#95

Naphthalene

Concen: 18.579 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

Instrument :

MSVOA_N

ClientSampled :

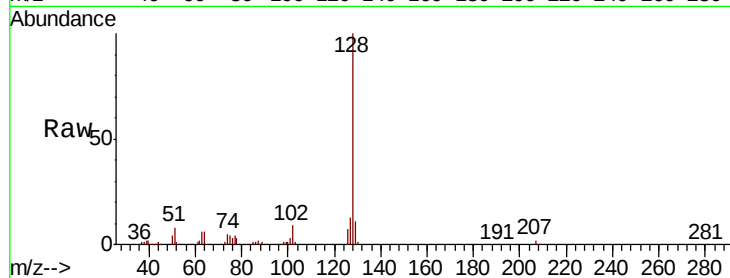
Tot Ion:128 Resp: 146540

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

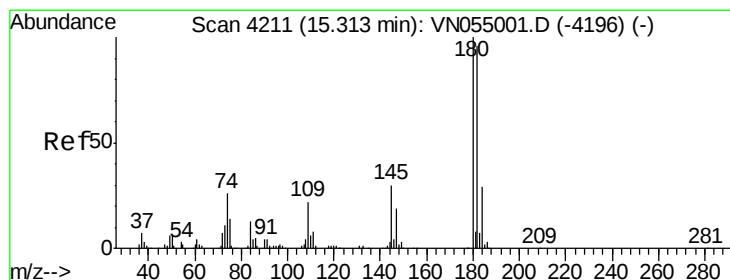
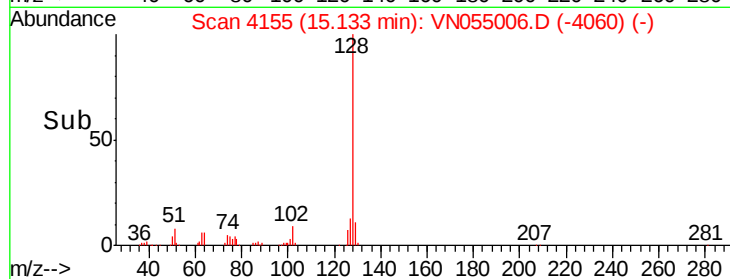
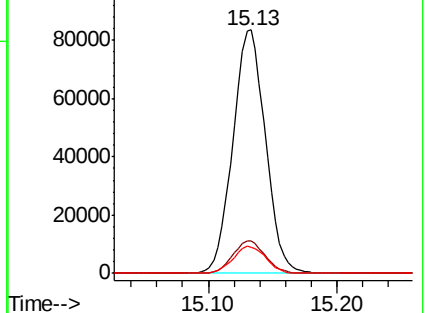
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.107 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055006.D

Acq: 12 Apr 2019 18:26

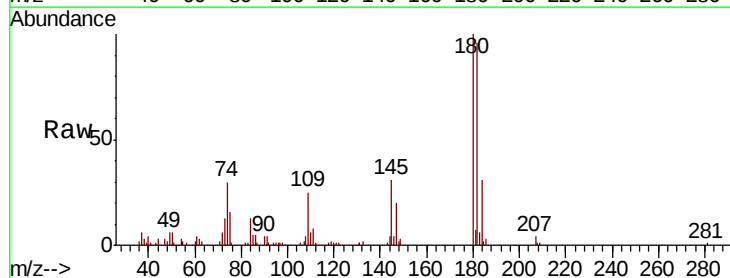
Tgt Ion:180 Resp: 71050

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 31.0 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

