

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055958.D
 Acq On : 3 Jun 2019 13:50
 Operator : JC/SP
 Sample : VN0603WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:22:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	294700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	387536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157132	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	158312	52.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	137933	50.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	523177	49.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	173990	48.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	35664	17.982	ug/l	99
3) Chloromethane	2.06	50	51204	18.426	ug/l	98
4) Vinyl Chloride	2.18	62	53396	18.015	ug/l	99
5) Bromomethane	2.53	94	38596	20.815	ug/l	98
6) Chloroethane	2.68	64	34546	19.359	ug/l	98
7) Trichlorofluoromethane	3.00	101	73541	18.925	ug/l	96
8) Diethyl Ether	3.40	74	33054	18.979	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	47638	19.639	ug/l	100
10) Methyl Iodide	3.94	142	69278	19.535	ug/l	98
11) Tert butyl alcohol	4.81	59	56933	97.908	ug/l	99
12) 1,1-Dichloroethene	3.72	96	47133	18.806	ug/l	94
13) Acrolein	3.60	56	28023	67.302	ug/l	98
14) Allyl chloride	4.31	41	77917	18.135	ug/l	98
15) Acrylonitrile	4.99	53	143836	107.721	ug/l	99
16) Acetone	3.82	43	132940	99.370	ug/l	97
17) Carbon Disulfide	4.04	76	97135	13.641	ug/l	99
18) Methyl Acetate	4.33	43	65427	23.383	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	166102	19.871	ug/l	98
20) Methylene Chloride	4.54	84	56978	19.666	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	50115	18.612	ug/l	95
22) Diisopropyl ether	5.95	45	169733	20.311	ug/l	98
23) Vinyl Acetate	5.90	43	677193	94.515	ug/l	100
24) 1,1-Dichloroethane	5.84	63	95786	19.686	ug/l	99
25) 2-Butanone	6.84	43	193755	103.702	ug/l	100
26) 2,2-Dichloropropane	6.82	77	70743	16.800	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	61763	19.661	ug/l	99
28) Bromochloromethane	7.19	49	48013	20.726	ug/l	100
29) Tetrahydrofuran	7.22	42	125460	106.035	ug/l	99
30) Chloroform	7.37	83	97792	20.154	ug/l	99
31) Cyclohexane	7.65	56	84963	18.599	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	80480	18.586	ug/l	99
36) 1,1-Dichloropropene	7.79	75	68447	18.033	ug/l	99
37) Ethyl Acetate	6.93	43	73638	20.073	ug/l	99
38) Carbon Tetrachloride	7.77	117	64533	16.322	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	83003	17.659	ug/l	99
40) Benzene	8.04	78	224848	19.655	ug/l	99
41) Methacrylonitrile	7.17	41	32389	17.476	ug/l	89
42) 1,2-Dichloroethane	8.12	62	74766	20.001	ug/l	100
43) Isopropyl Acetate	8.17	43	117200	19.014	ug/l #	92
44) Trichloroethene	8.83	130	62367	19.556	ug/l	97
45) 1,2-Dichloropropane	9.12	63	60417	20.271	ug/l	98
46) Dibromomethane	9.21	93	38907	19.905	ug/l	99
47) Bromodichloromethane	9.40	83	70914	17.693	ug/l	98
48) Methyl methacrylate	9.20	41	56225	19.792	ug/l	97
49) 1,4-Dioxane	9.20	88	24515	415.274	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	376587	103.448	ug/l	100
52) Toluene	10.16	92	144653	20.106	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	71274	16.659	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	86040	18.154	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	58341	20.241	ug/l	98
56) Ethyl methacrylate	10.43	69	86250	19.363	ug/l	99
57) 1,3-Dichloropropane	10.71	76	94985	20.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	155287	91.221	ug/l	99
59) 2-Hexanone	10.75	43	265161	102.676	ug/l	99
60) Dibromochloromethane	10.90	129	55603	16.560	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59295	19.834	ug/l	98
64) Tetrachloroethene	10.63	164	63906	19.552	ug/l	99
65) Chlorobenzene	11.43	112	153640	19.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54916	17.748	ug/l	98
67) Ethyl Benzene	11.51	91	267562	19.232	ug/l	100
68) m/p-Xylenes	11.62	106	202768	38.552	ug/l	100
69) o-Xylene	11.95	106	100848	19.326	ug/l	100
70) Styrene	11.96	104	163154	19.307	ug/l	99
71) Bromoform	12.13	173	38528	14.598	ug/l #	100
73) Isopropylbenzene	12.25	105	269311	22.635	ug/l	100
74) N-amyl acetate	12.07	43	94979	21.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	82613	23.179	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	95628	34.359	ug/l #	100
77) Bromobenzene	12.53	156	70404	20.997	ug/l	98
78) n-propylbenzene	12.59	91	276441	20.242	ug/l	99
79) 2-Chlorotoluene	12.67	91	173385	22.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	218021	21.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18828	16.122	ug/l	87
82) 4-Chlorotoluene	12.77	91	161689	20.141	ug/l	100
83) tert-Butylbenzene	12.99	119	199494	22.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	213173	21.354	ug/l	99
85) sec-Butylbenzene	13.17	105	249457	22.274	ug/l	99
86) p-Isopropyltoluene	13.29	119	218524	20.026	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105470	19.865	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	98762	19.565	ug/l	100
89) n-Butylbenzene	13.61	91	152592	18.250	ug/l	99
90) Hexachloroethane	13.87	117	33350	16.057	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	107690	20.330	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11702	16.808	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
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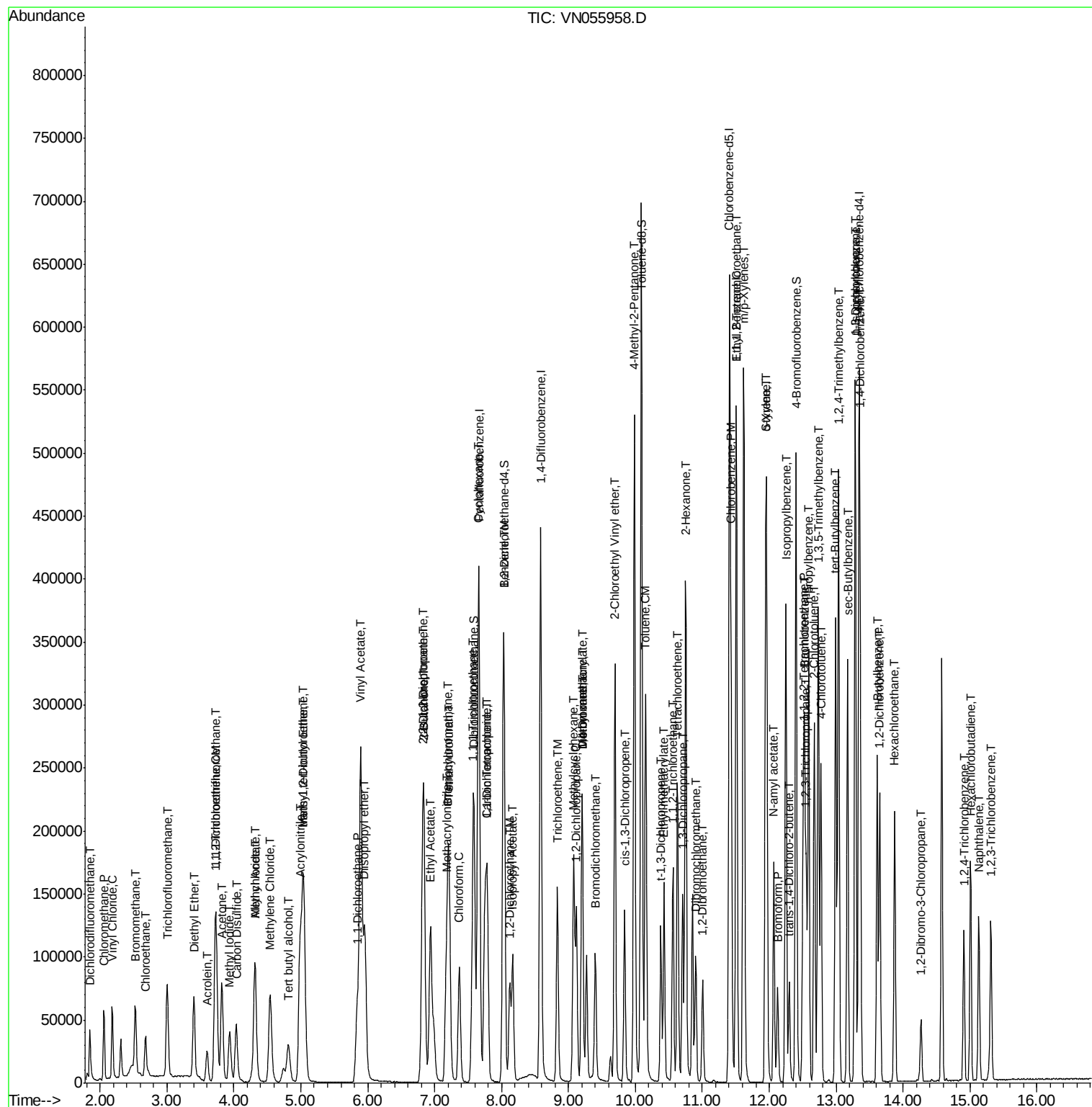
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41856	16.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	39007	19.822	ug/l	99
95) Naphthalene	15.13	128	121267	16.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49848	17.802	ug/l	99

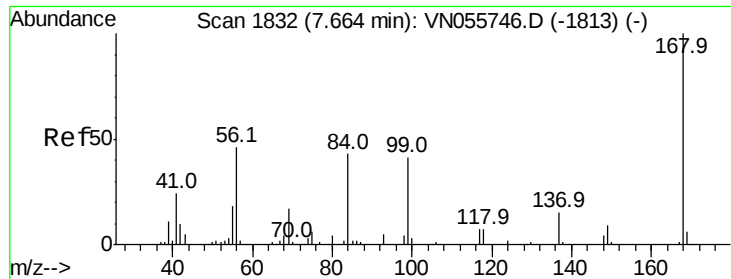
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

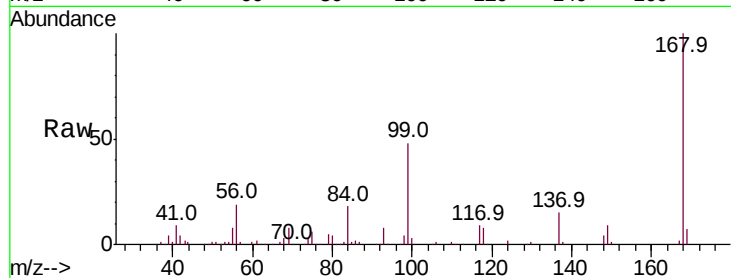
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 294700

Ion Ratio Lower Upper

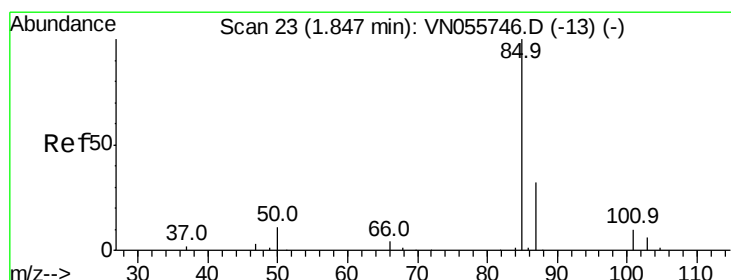
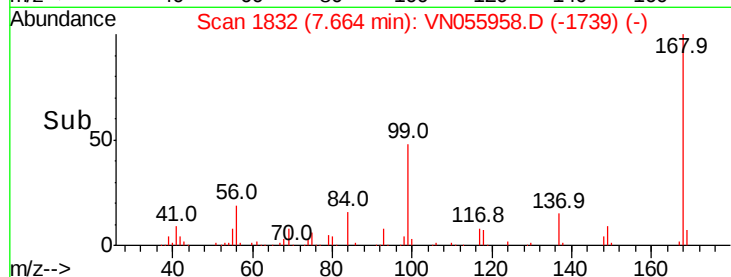
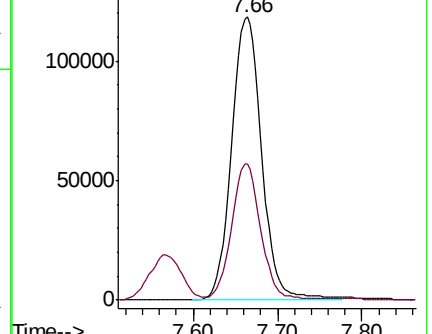
168 100

99 47.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.982 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055958.D

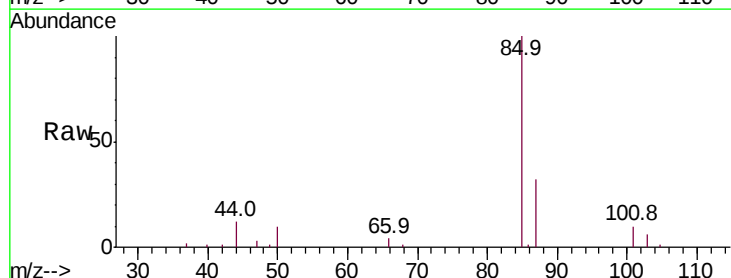
Acq: 3 Jun 2019 13:50

Tgt Ion: 85 Resp: 35664

Ion Ratio Lower Upper

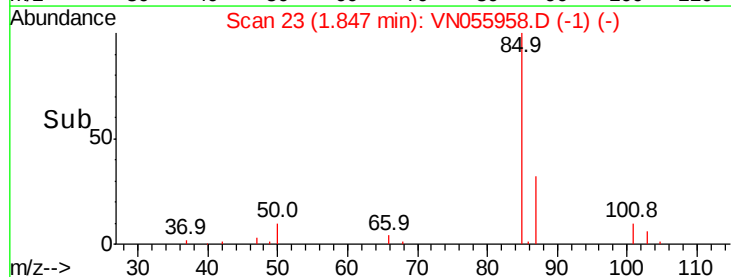
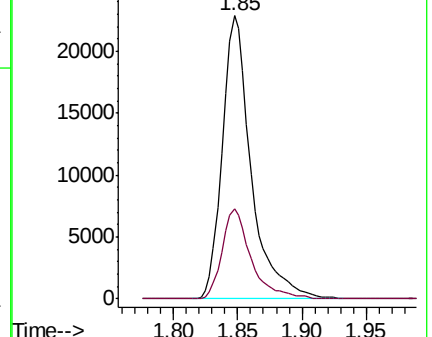
85 100

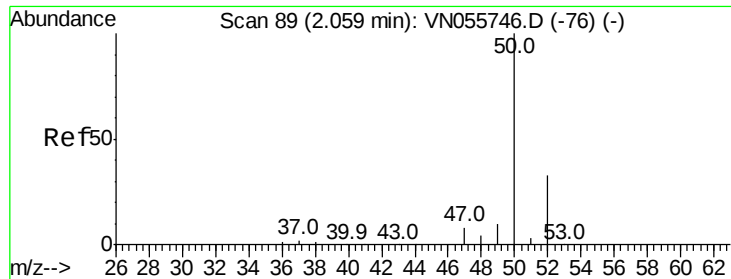
87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

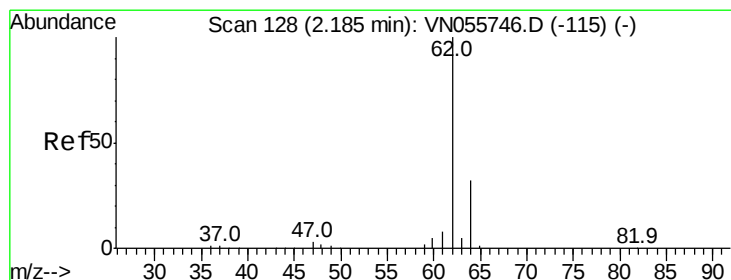
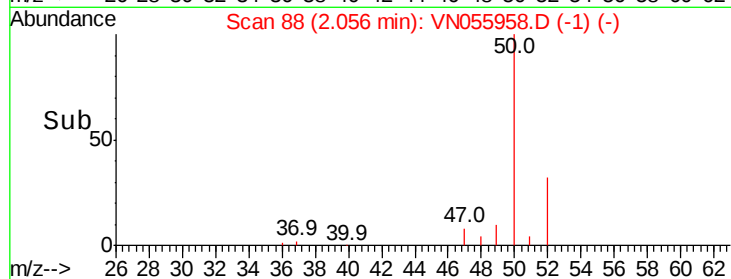
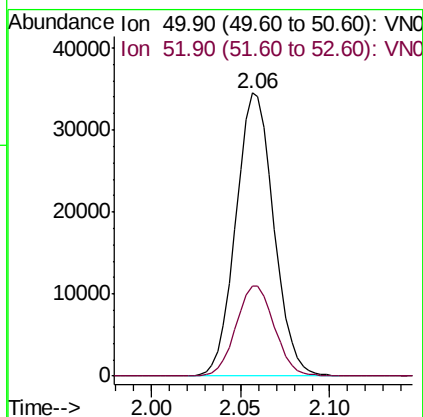
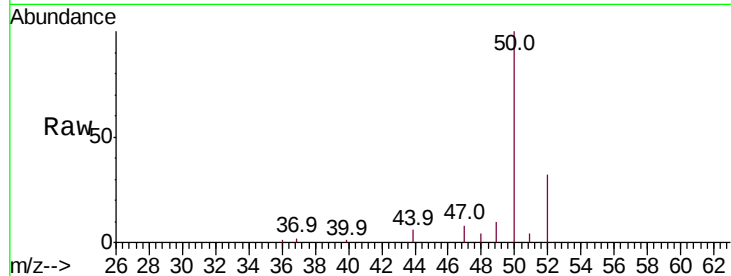




#3
Chloromethane
Concen: 18.426 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

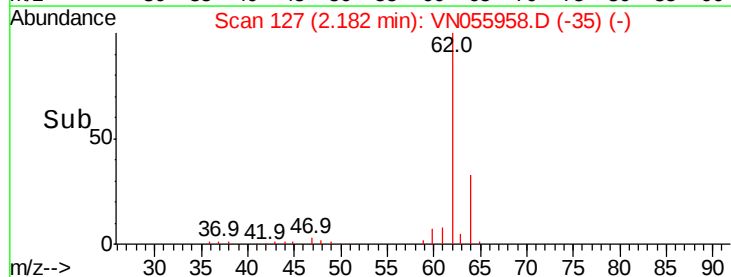
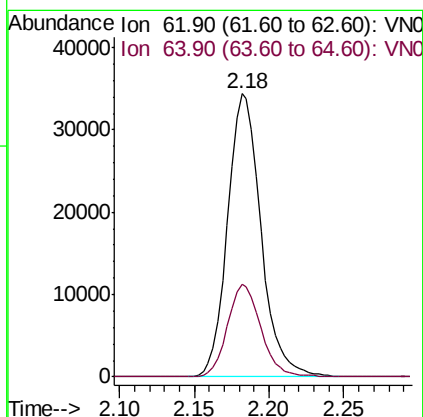
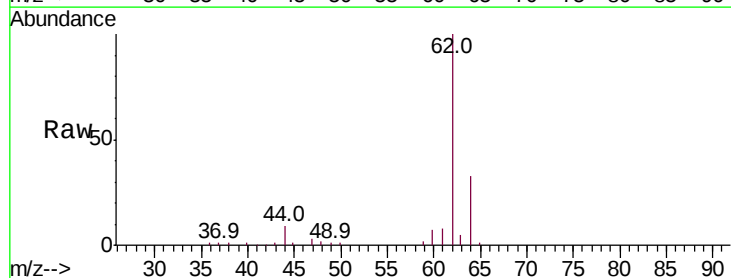
Instrument :
MSVOA_N
ClientSampleId :

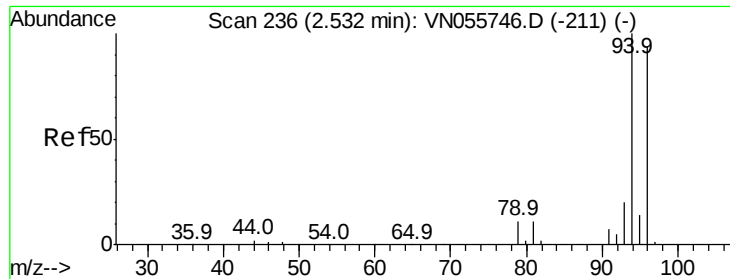
Tot Ion: 50 Resp: 51204
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 18.015 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 62 Resp: 53396
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4





#5

Bromomethane

Concen: 20.815 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

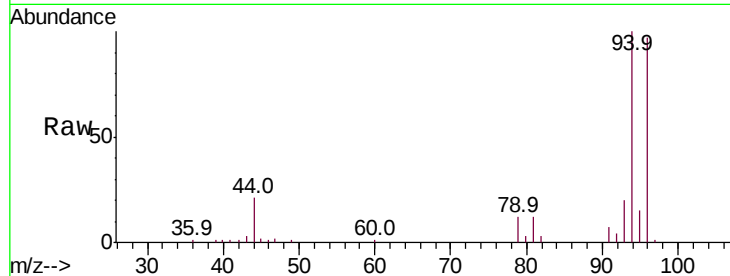
ClientSampled :

Tot Ion: 94 Resp: 38596

Ion Ratio Lower Upper

94 100

96 96.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

20000

15000

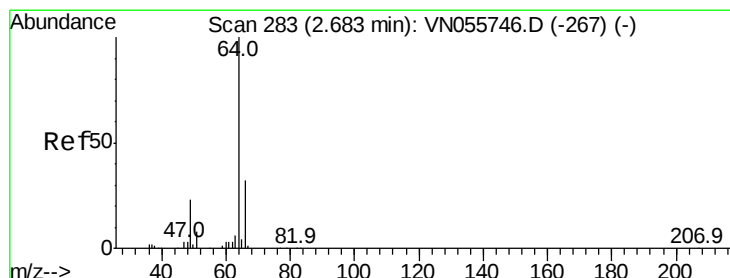
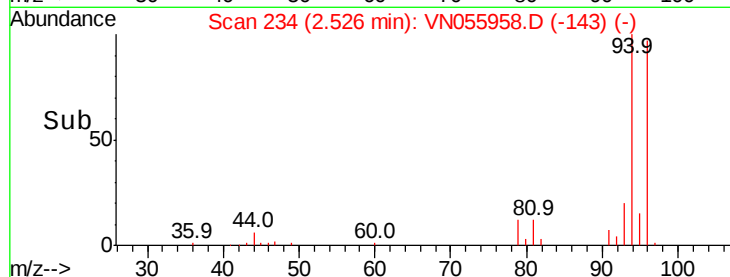
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.359 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN055958.D

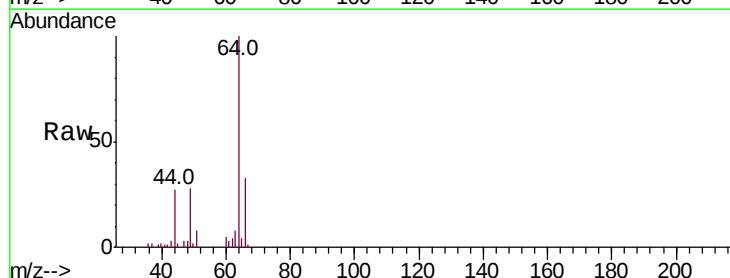
Acq: 3 Jun 2019 13:50

Tgt Ion: 64 Resp: 34546

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.68

15000

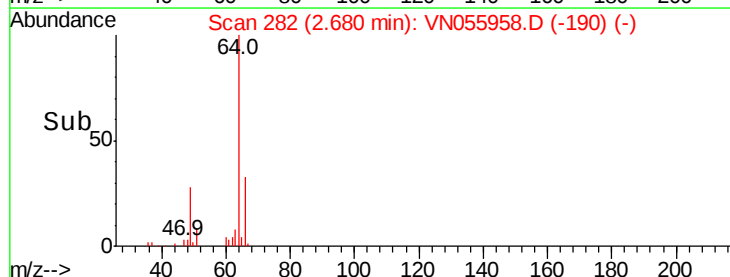
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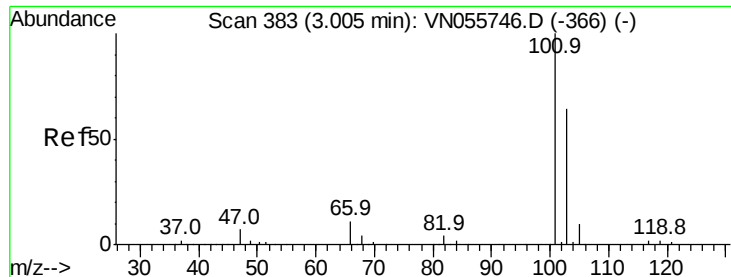
5000

0

Time-->

2.60 2.70 2.80



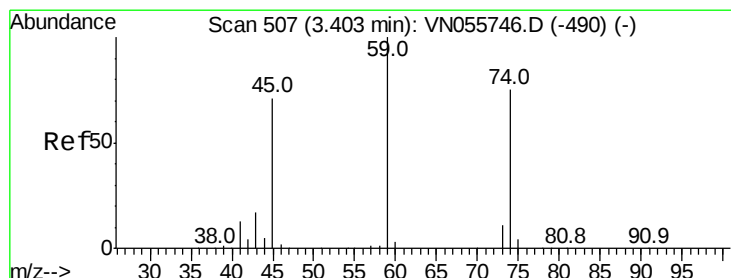
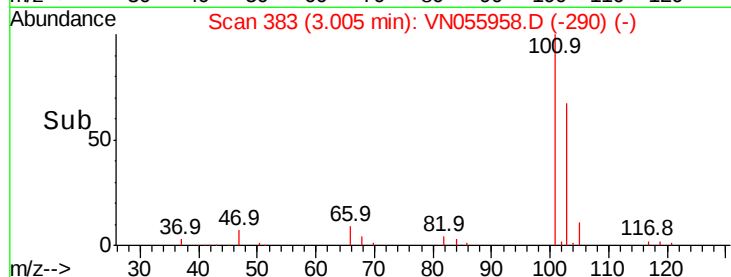
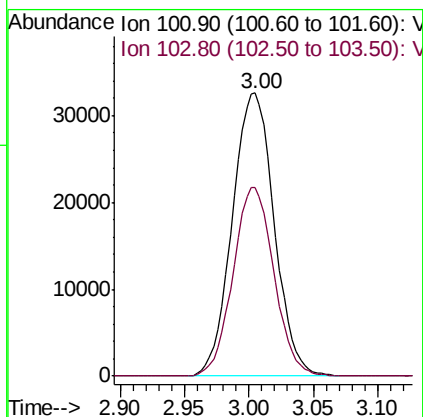
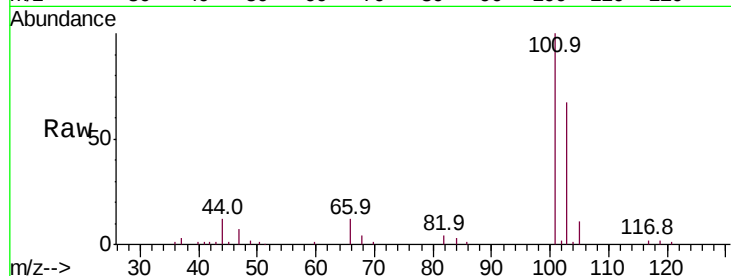


#7

Trichlorofluoromethane
Concen: 18.925 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

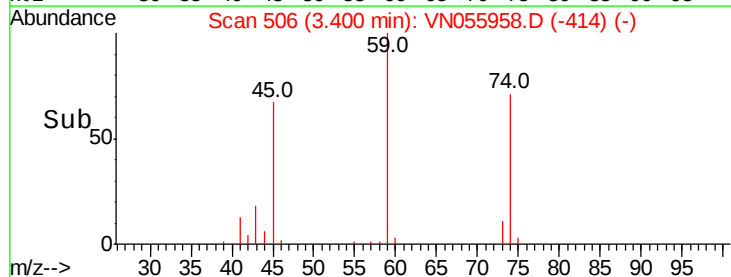
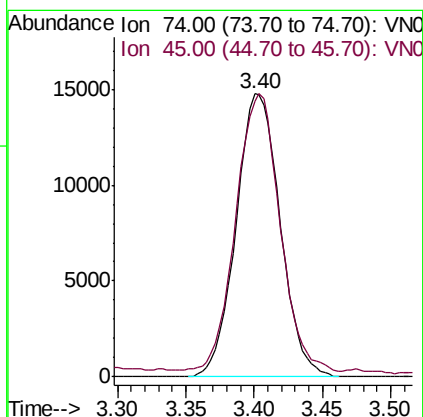
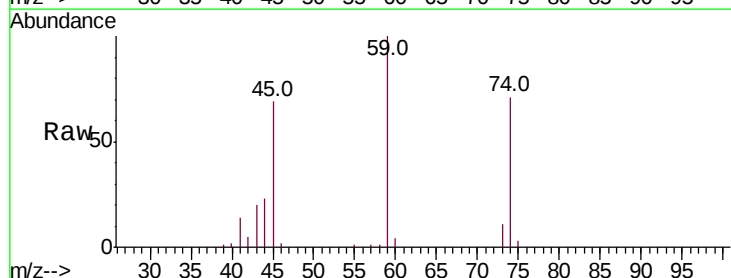
Tot Ion:101 Resp: 73541
Ion Ratio Lower Upper
101 100
103 66.8 51.2 76.8

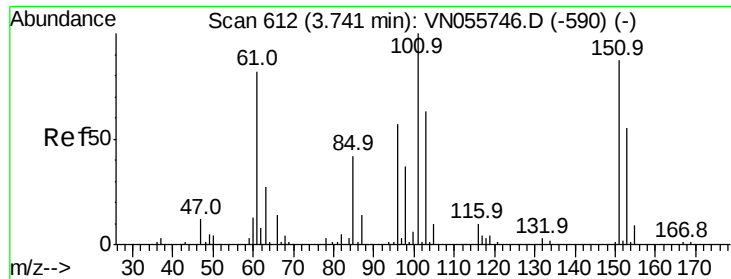


#8

Diethyl Ether
Concen: 18.979 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 74 Resp: 33054
Ion Ratio Lower Upper
74 100
45 97.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.639 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

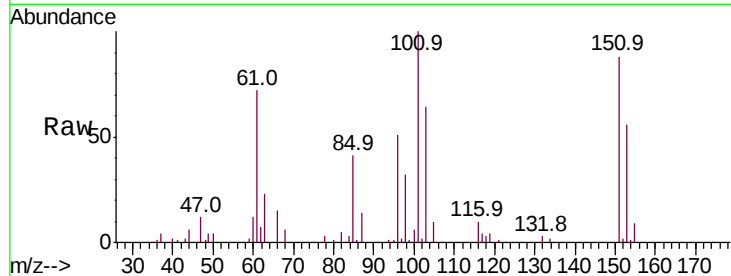
Tot Ion:101 Resp: 47638

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

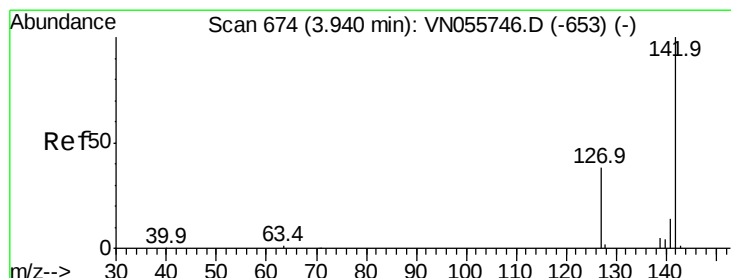
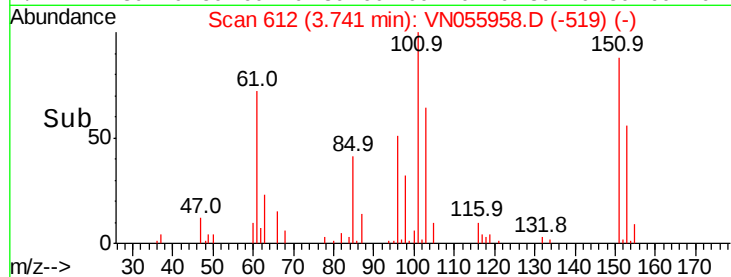
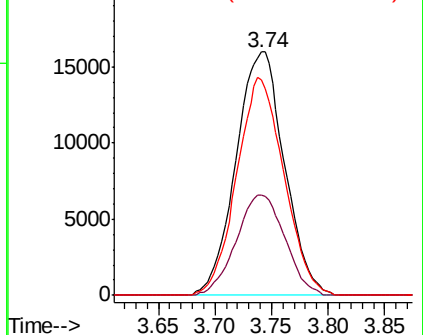
151 87.1 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.535 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

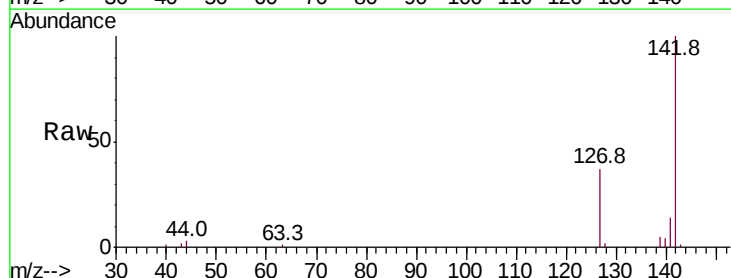
Tgt Ion:142 Resp: 69278

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

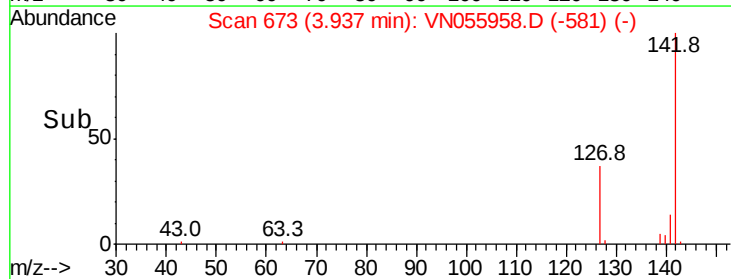
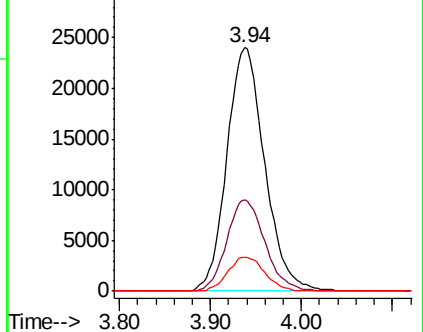
141 13.5 11.4 17.0

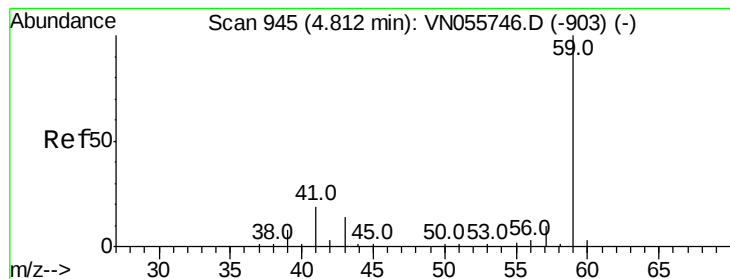


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



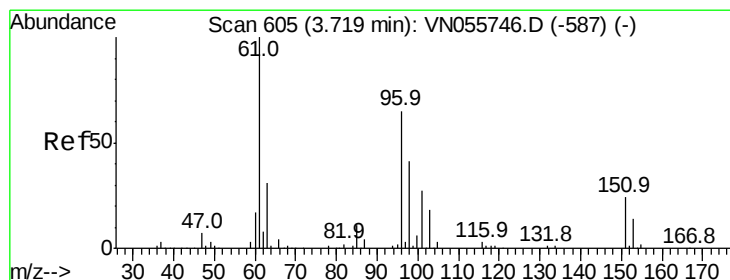
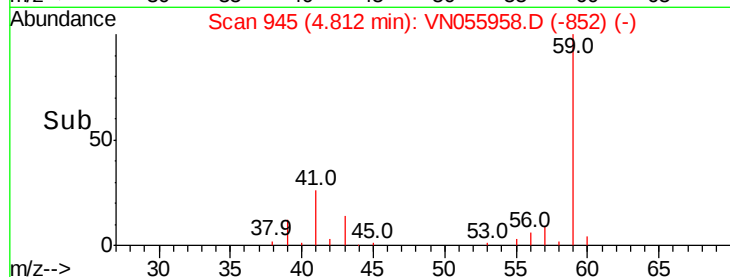
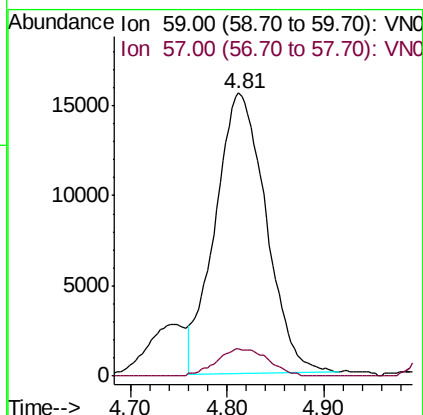
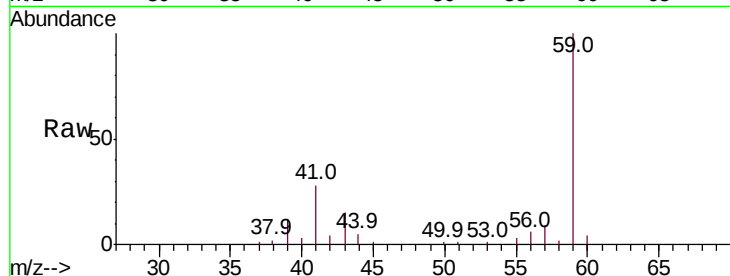


#11

Tert butyl alcohol
Concen: 97.908 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :

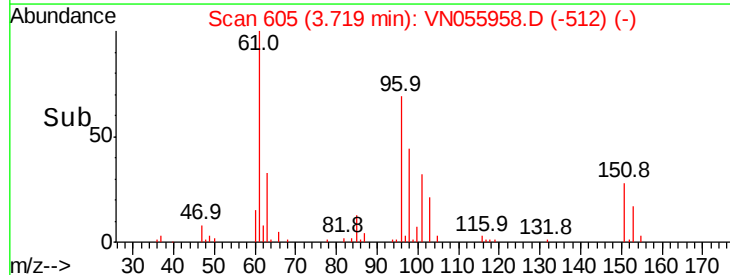
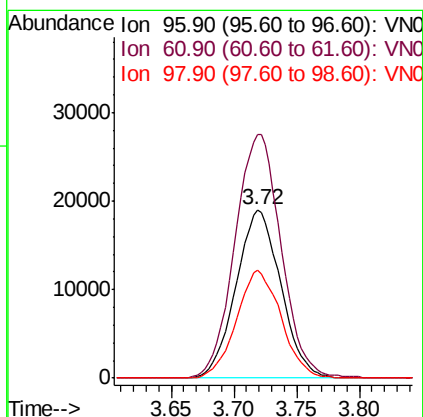
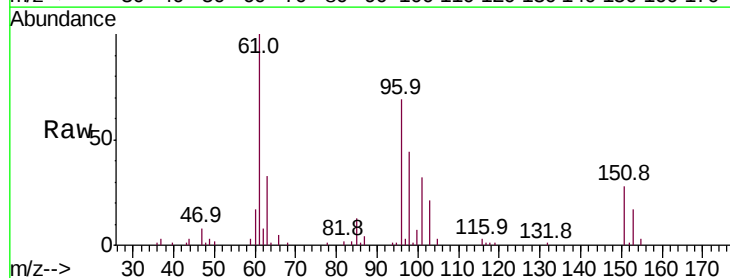
Tot Ion: 59 Resp: 56933
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6

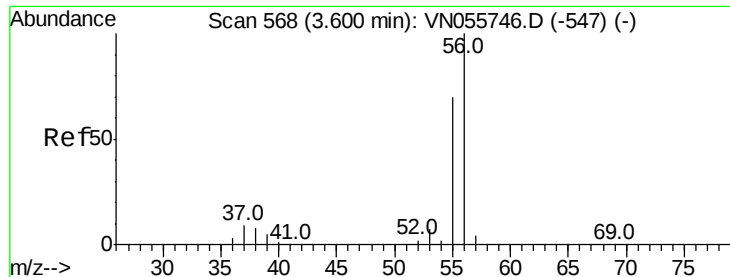


#12

1,1-Dichloroethene
Concen: 18.806 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 96 Resp: 47133
Ion Ratio Lower Upper
96 100
61 144.4 123.2 184.8
98 63.9 50.4 75.6





#13

Acrolein

Concen: 67.302 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

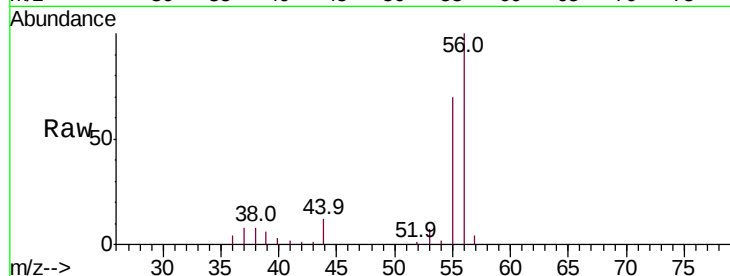
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 28023

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12000

10000

8000

6000

4000

2000

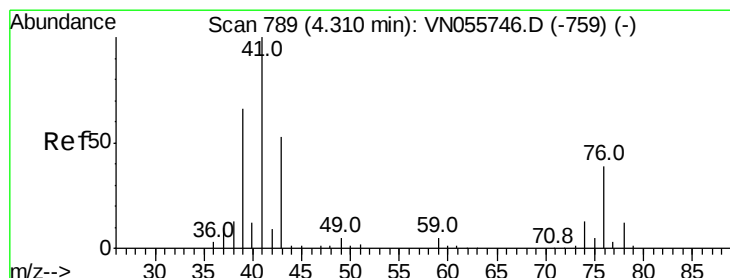
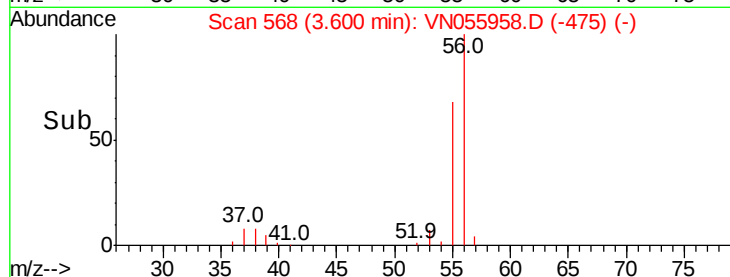
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 18.135 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

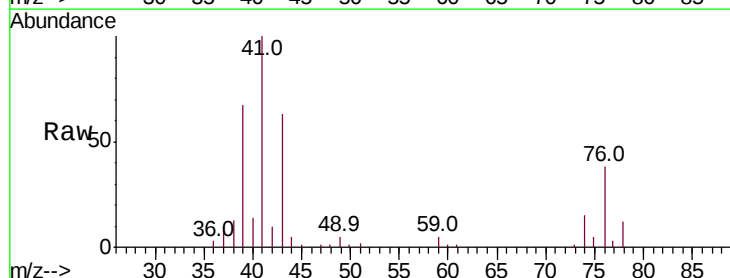
Tgt Ion: 41 Resp: 77917

Ion Ratio Lower Upper

41 100

39 62.0 50.0 75.0

76 32.9 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

30000

25000

20000

15000

10000

5000

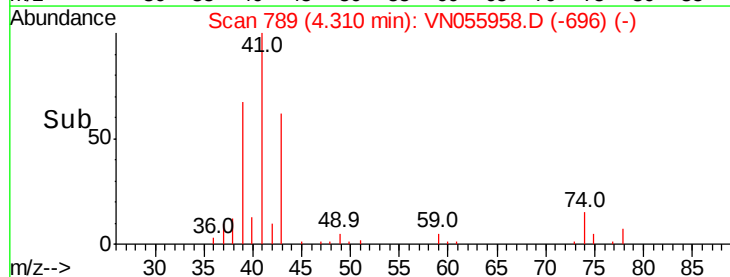
0

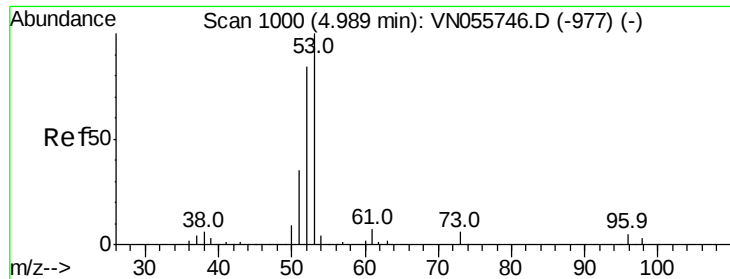
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 107.721 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

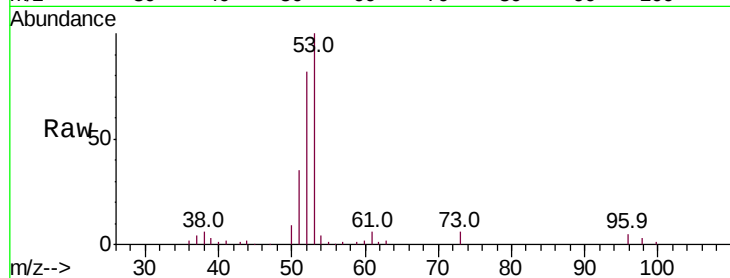
Tot Ion: 53 Resp: 143836

Ion Ratio Lower Upper

53 100

52 81.5 65.8 98.8

51 35.1 28.2 42.4



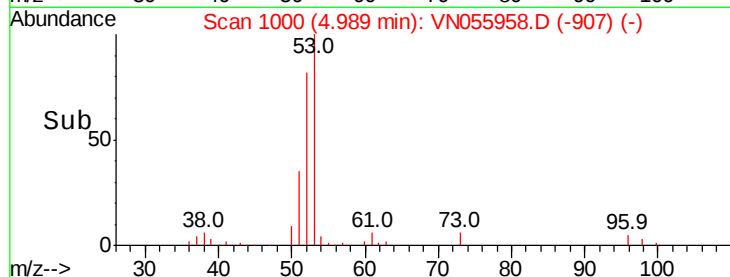
Abundance Ion 53.00 (52.70 to 53.70): VN055958.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN055958.D (-977) (-)

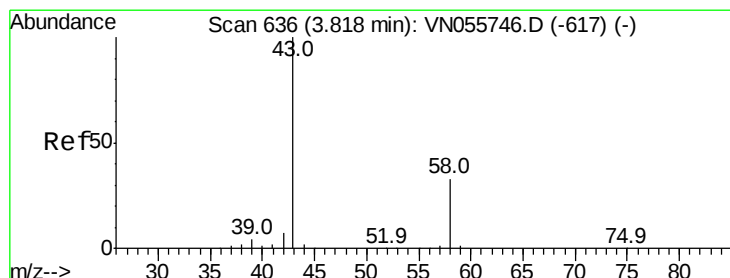
Ion 51.00 (50.70 to 51.70): VN055958.D (-977) (-)

4.99

Time-->



Time-->



#16

Acetone

Concen: 99.370 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055958.D

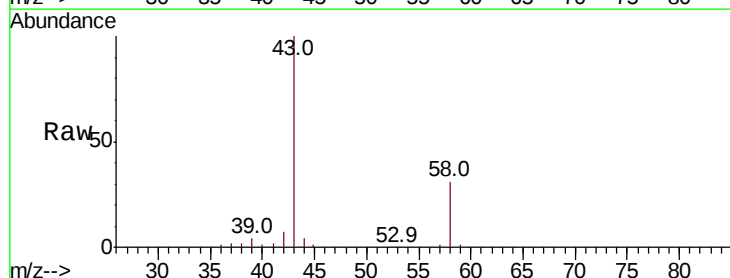
Acq: 3 Jun 2019 13:50

Tgt Ion: 43 Resp: 132940

Ion Ratio Lower Upper

43 100

58 31.5 26.6 39.8

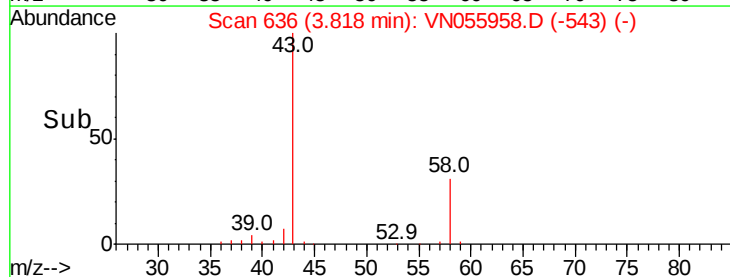


Abundance Ion 43.00 (42.70 to 43.70): VN055958.D (-543) (-)

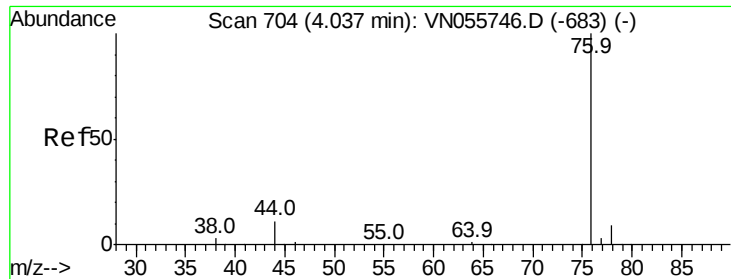
Ion 58.00 (57.70 to 58.70): VN055958.D (-543) (-)

3.82

Time-->



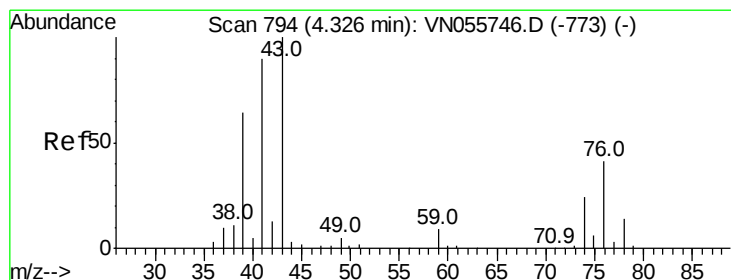
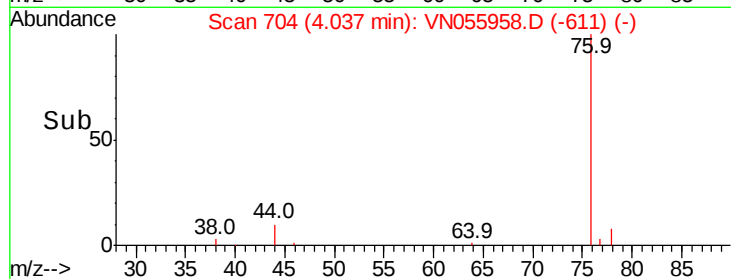
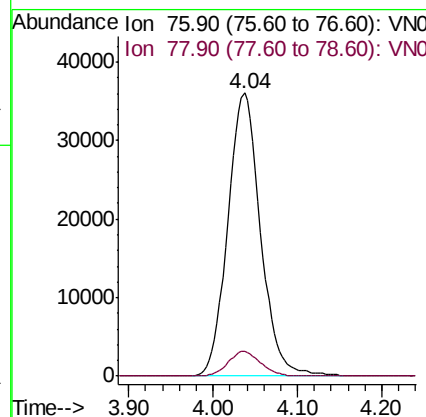
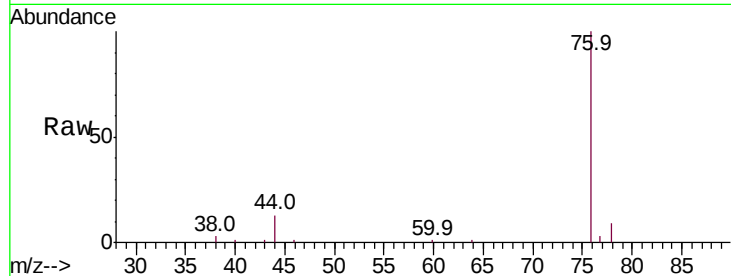
Time-->



#17
Carbon Disulfide
Concen: 13.641 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

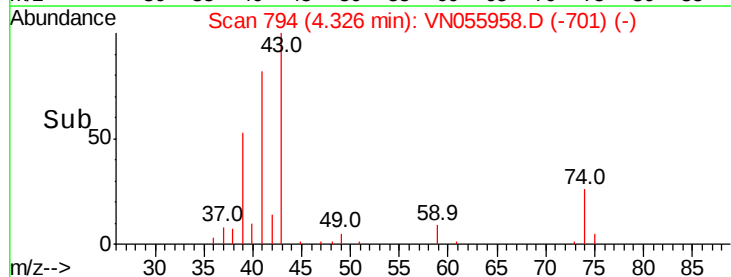
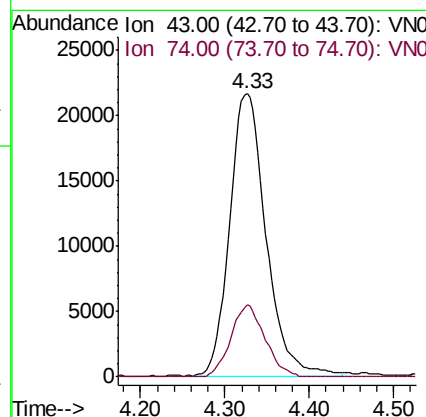
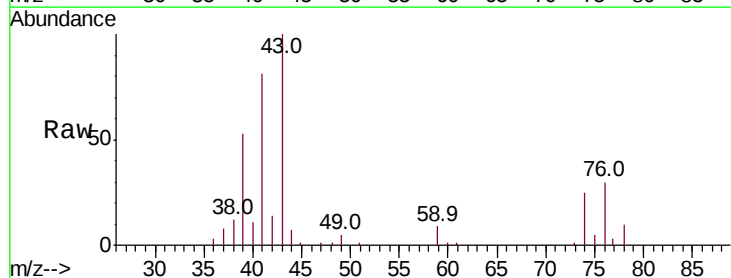
Instrument :
MSVOA_N
ClientSampled :

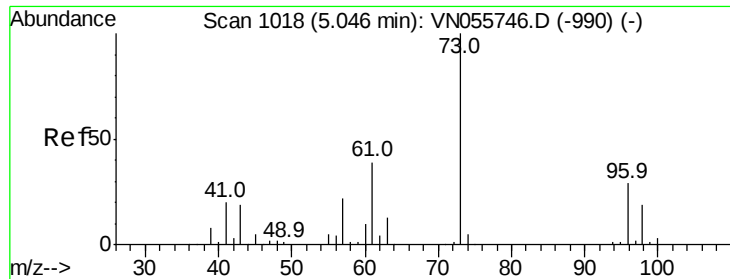
Tot Ion: 76 Resp: 97135
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 23.383 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 43 Resp: 65427
Ion Ratio Lower Upper
43 100
74 23.6 19.3 28.9

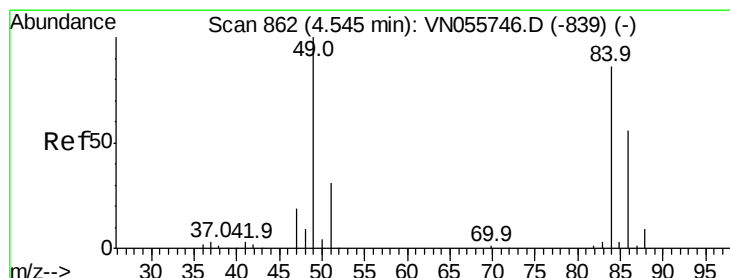
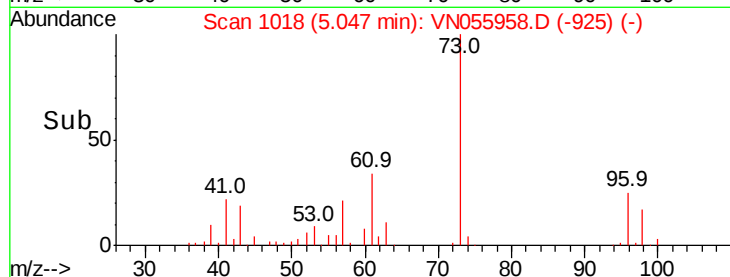
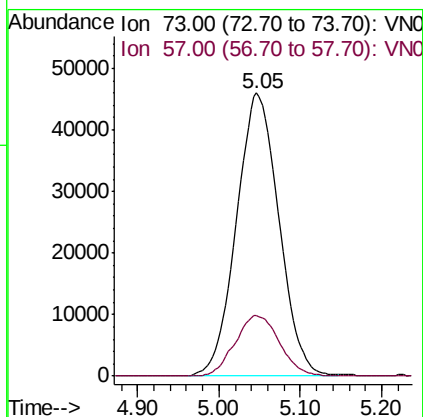
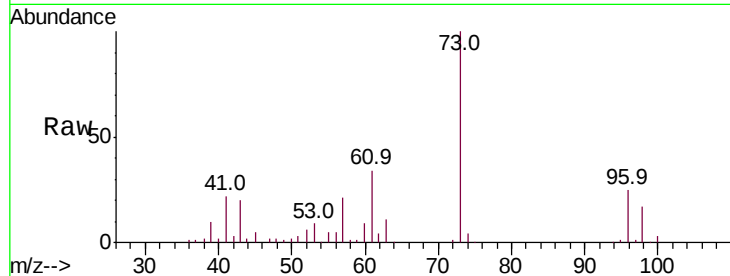




#19
Methvl tert-butvl Ether
Concen: 19.871 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

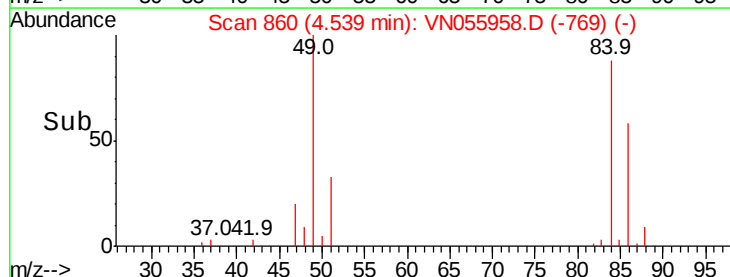
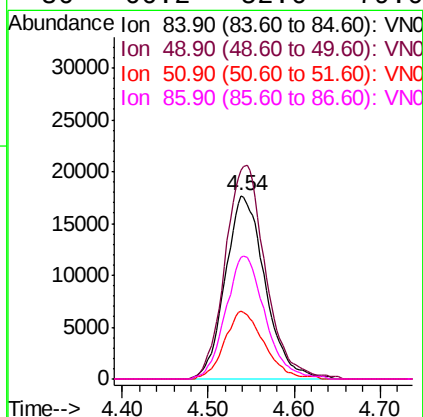
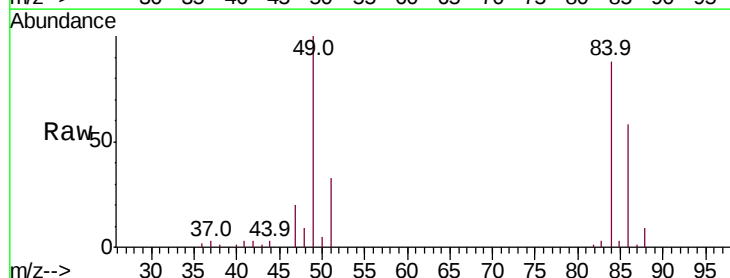
Instrument :
MSVOA_N
ClientSampleId :

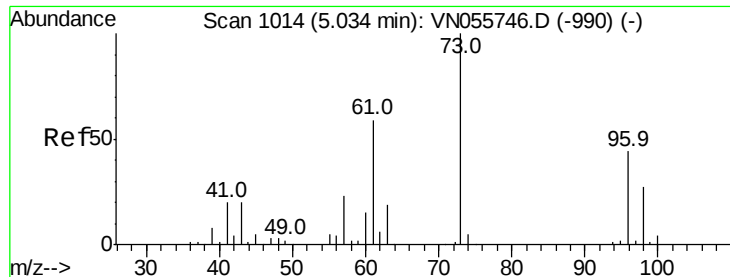
Tot Ion: 73 Resp: 166102
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 19.666 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 84 Resp: 56978
Ion Ratio Lower Upper
84 100
49 114.1 93.5 140.3
51 37.2 28.6 43.0
86 66.2 52.6 79.0



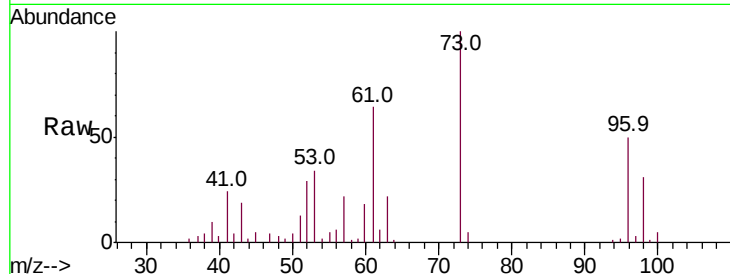


#21

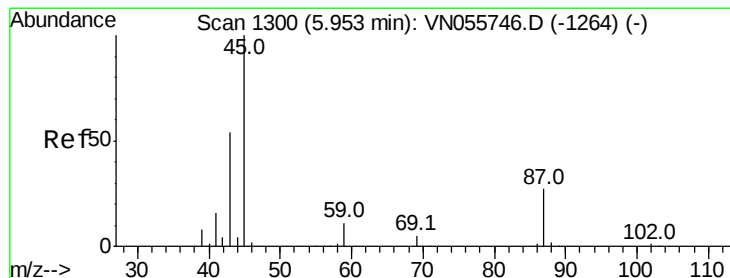
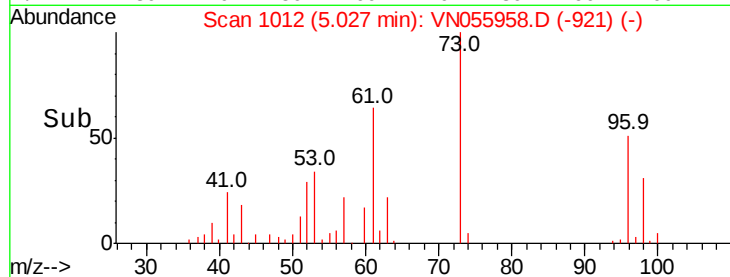
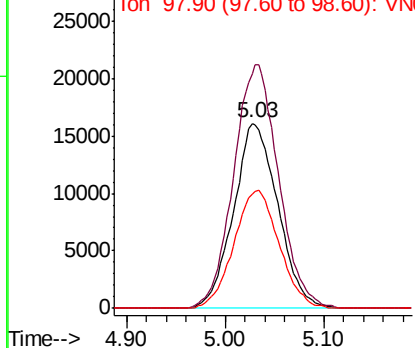
trans-1,2-Dichloroethene
Concen: 18.612 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 50115
Ion Ratio Lower Upper
96 100
61 127.1 107.8 161.8
98 61.7 49.8 74.8



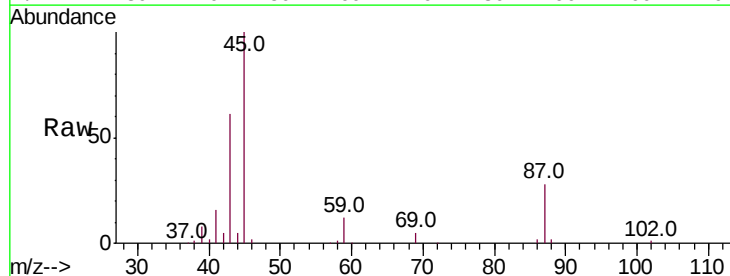
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



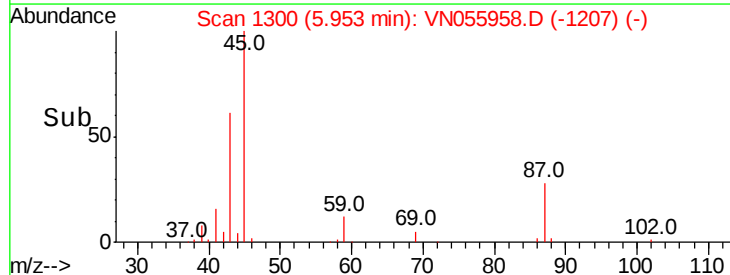
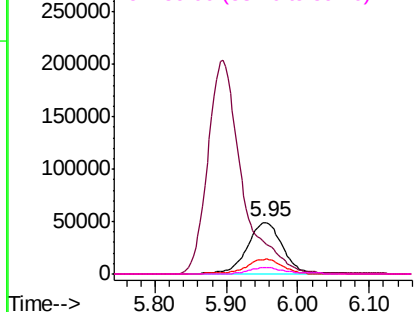
#22

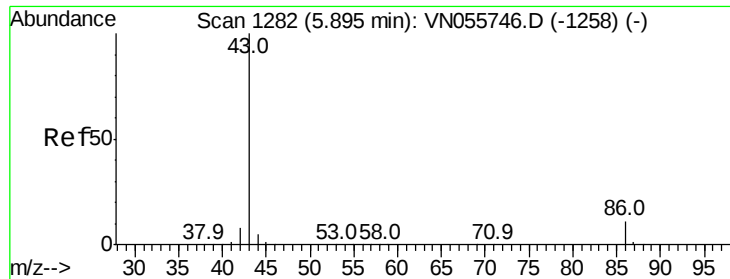
Diisopropyl ether
Concen: 20.311 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 45 Resp: 169733
Ion Ratio Lower Upper
45 100
43 58.8 45.0 67.6
87 27.8 22.2 33.4
59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC

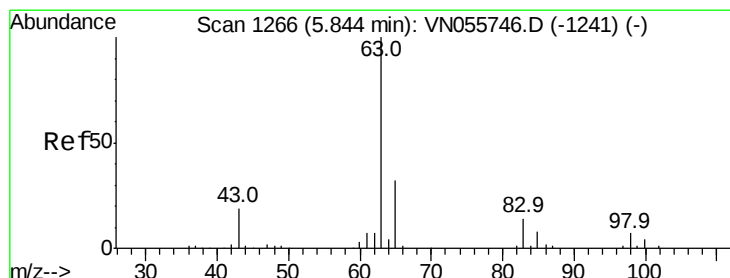
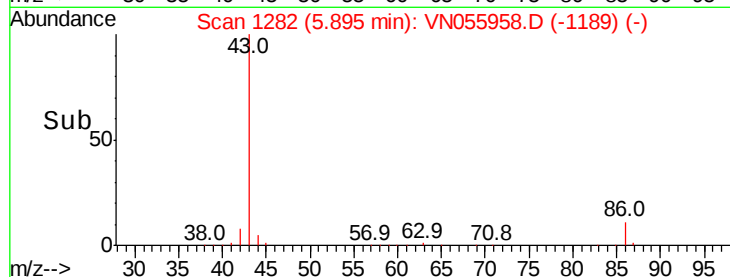
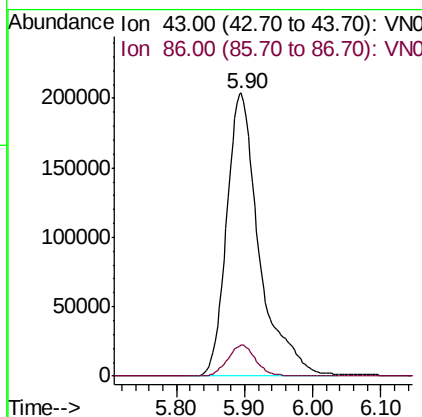
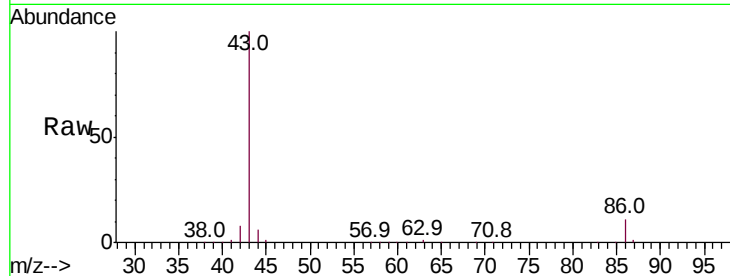




#23
 Vinyl Acetate
 Concen: 94.515 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

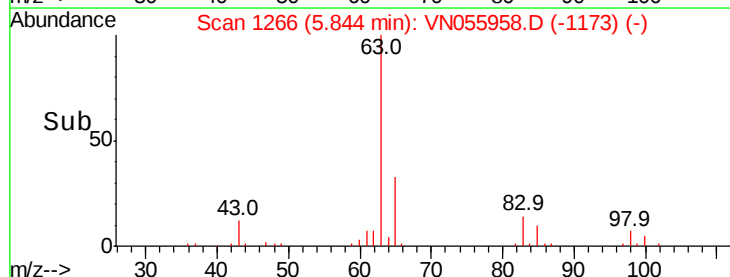
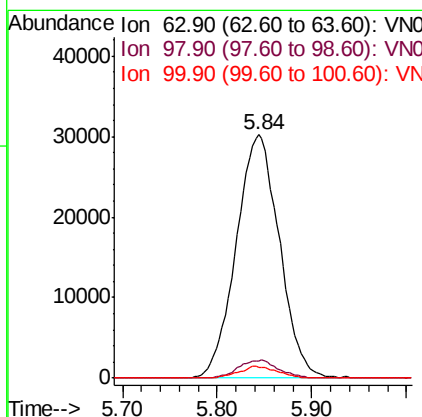
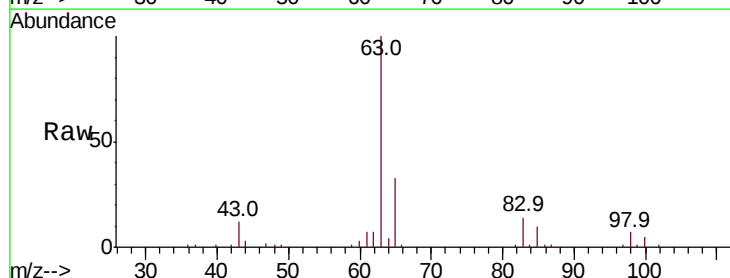
Instrument :
 MSVOA_N
 ClientSampled :

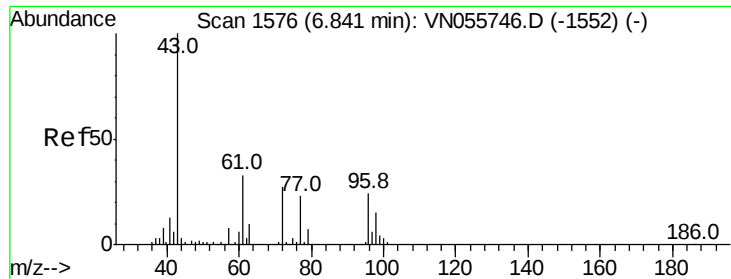
Tot Ion: 43 Resp: 677193
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.686 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion: 63 Resp: 95786
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 103.702 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

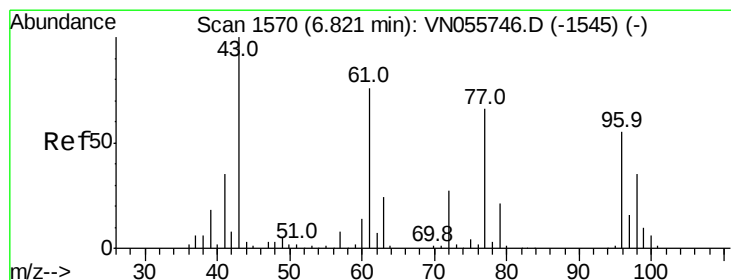
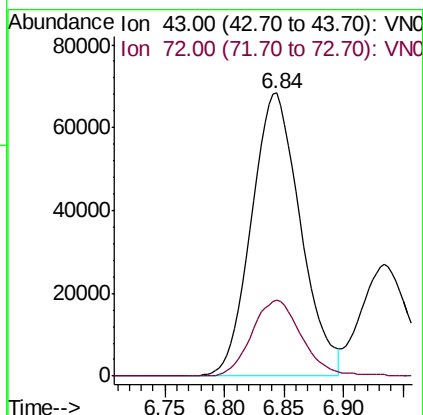
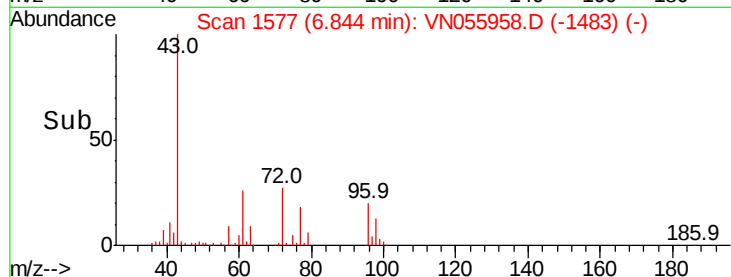
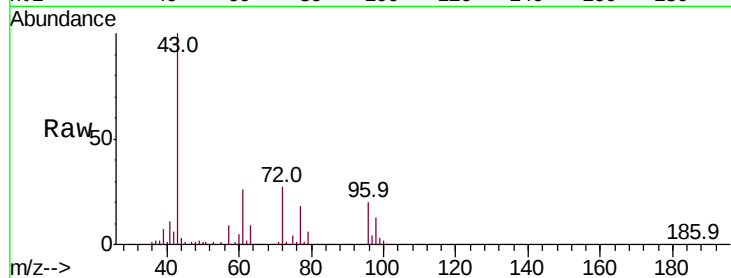
ClientSampled :

Tot Ion: 43 Resp: 193755

Ion Ratio Lower Upper

43 100

72 27.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 16.800 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055958.D

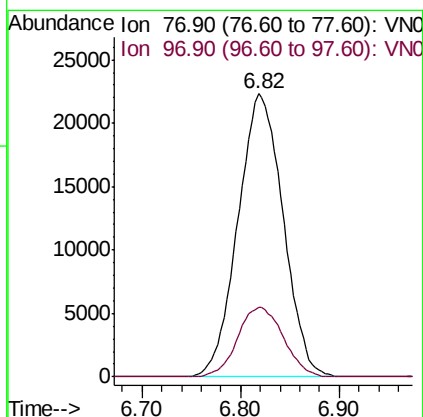
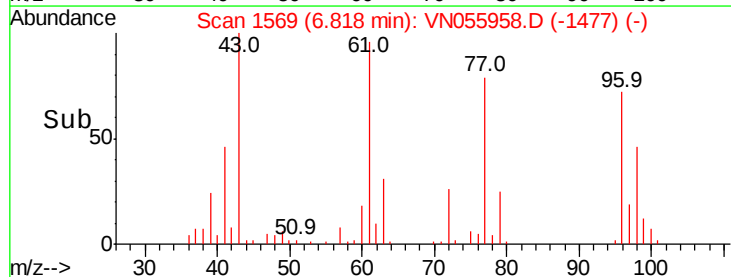
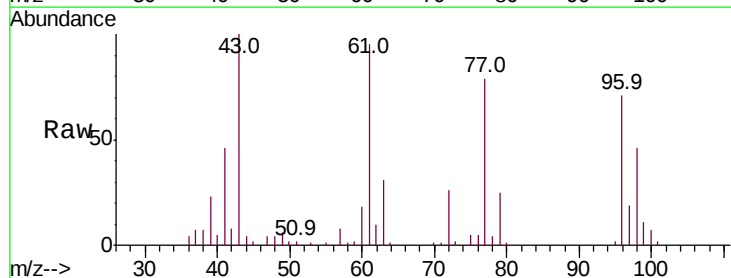
Acq: 3 Jun 2019 13:50

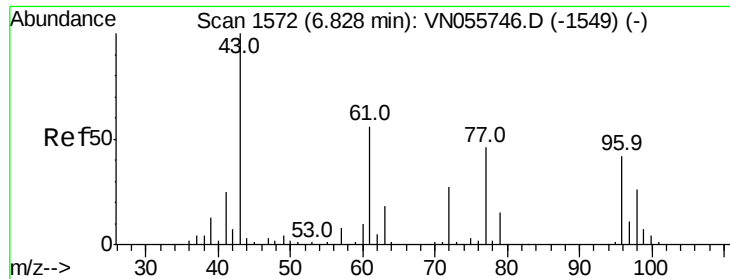
Tgt Ion: 77 Resp: 70743

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.661 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

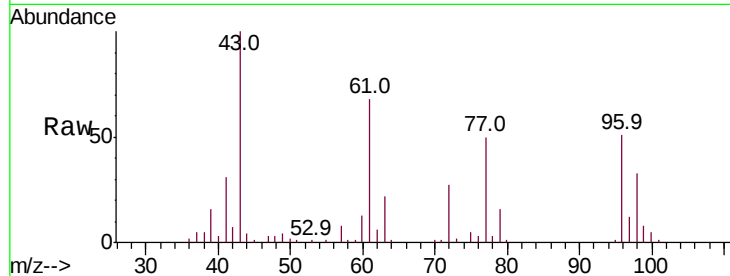
Tot Ion: 96 Resp: 61763

Ion Ratio Lower Upper

96 100

61 138.1 0.0 275.8

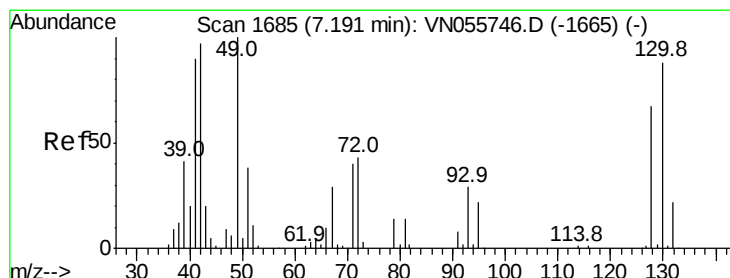
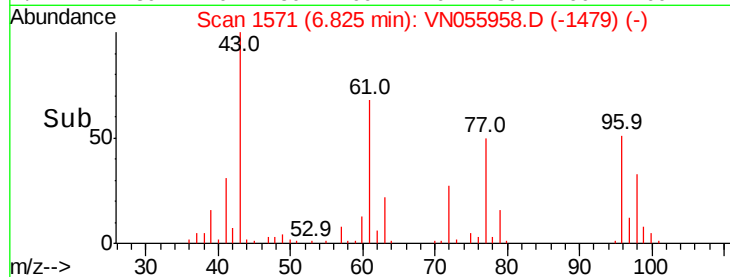
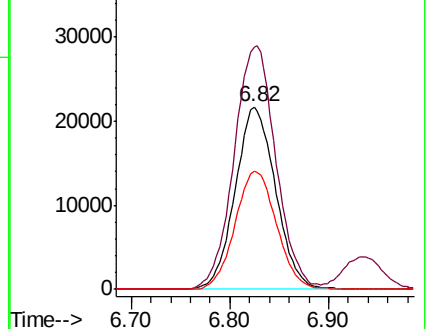
98 66.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055746.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-1549) (-)



#28

Bromochloromethane

Concen: 20.726 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

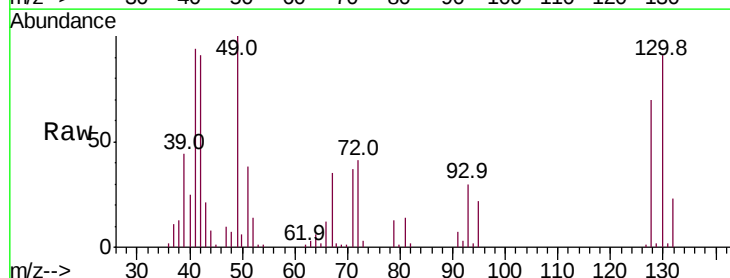
Tgt Ion: 49 Resp: 48013

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

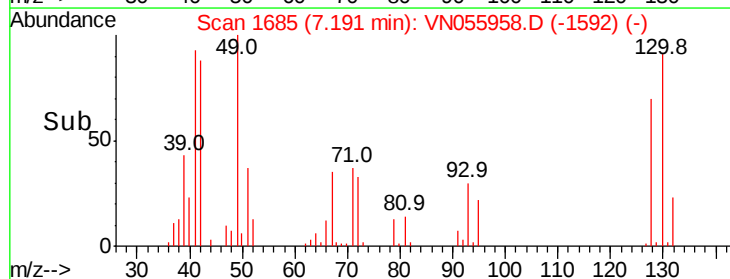
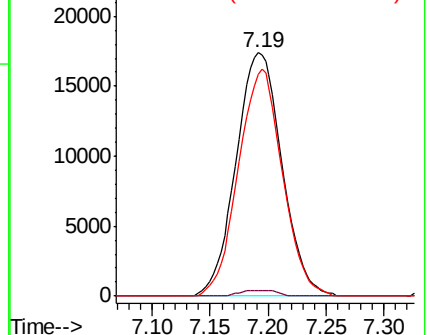
130 89.3 71.2 106.8

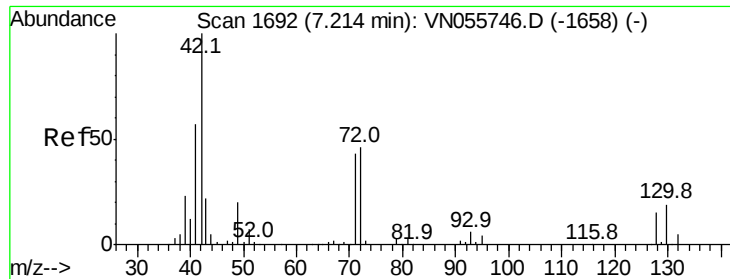


Abundance Ion 48.90 (48.60 to 49.60): VN055746.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055746.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055746.D (-1665) (-)

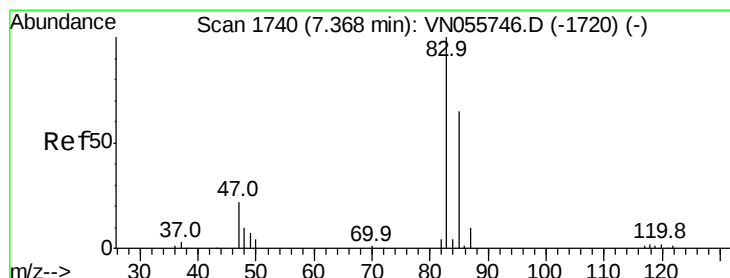
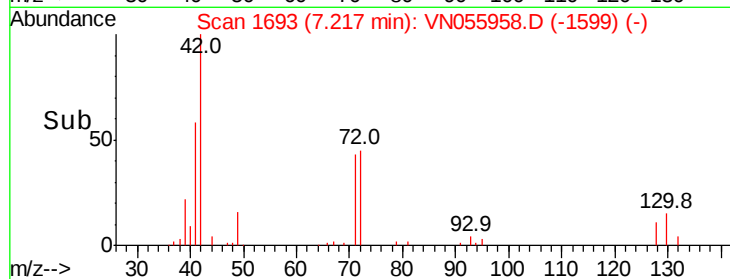
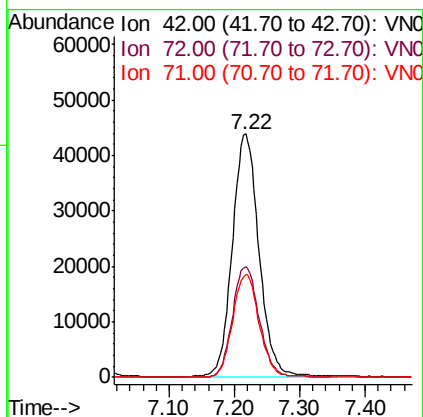
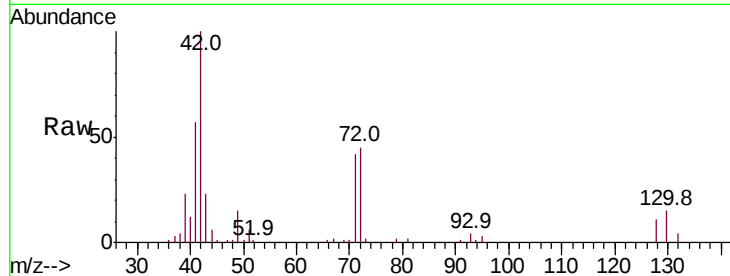




#29
Tetrahydrofuran
Concen: 106.035 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

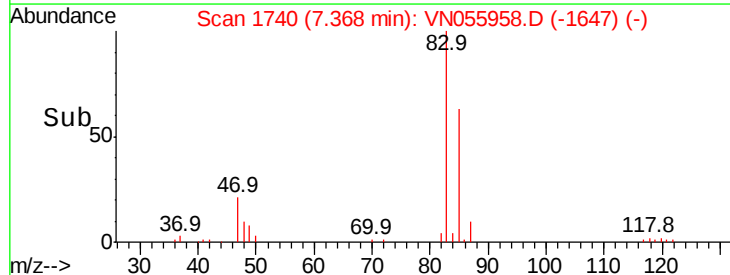
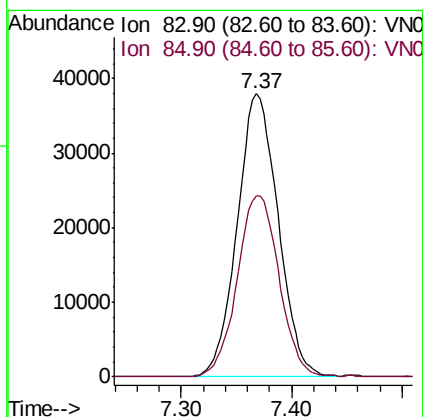
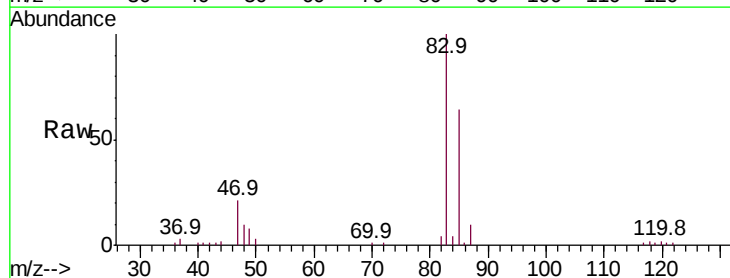
Instrument :
MSVOA_N
ClientSampled :

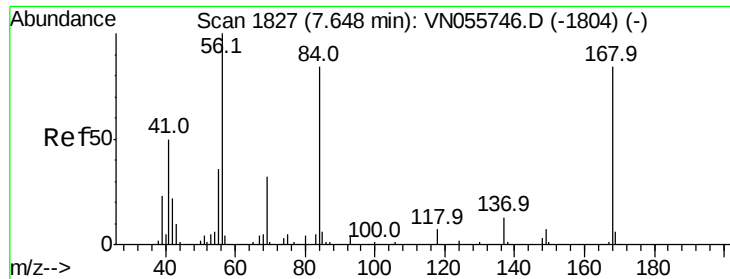
Tot Ion: 42 Resp: 125460
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 41.4 34.0 51.0



#30
Chloroform
Concen: 20.154 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 83 Resp: 97792
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 18.599 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

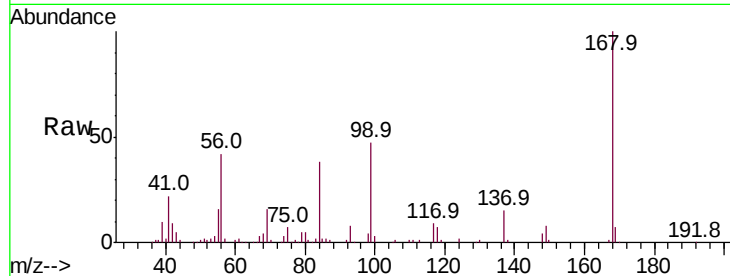
Tot Ion: 56 Resp: 84963

Ion Ratio Lower Upper

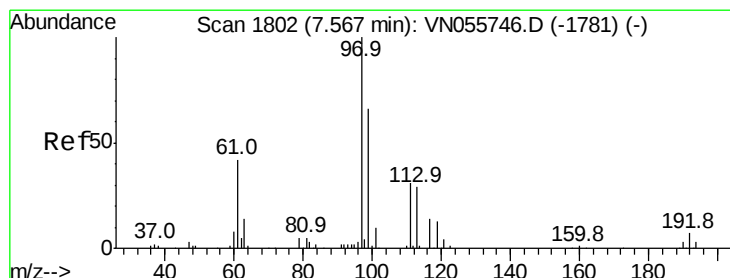
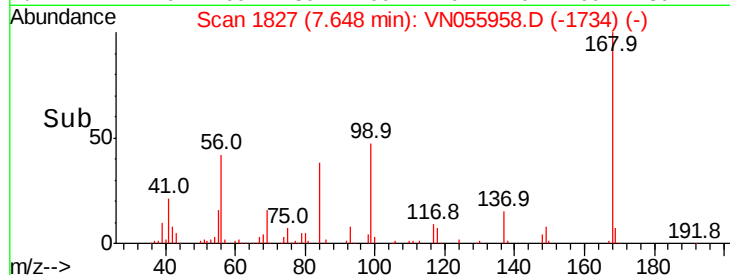
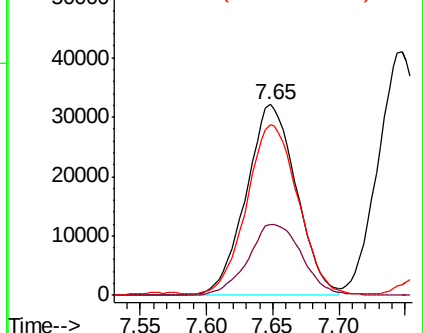
56 100

69 37.4 25.6 38.4

84 88.5 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 18.586 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

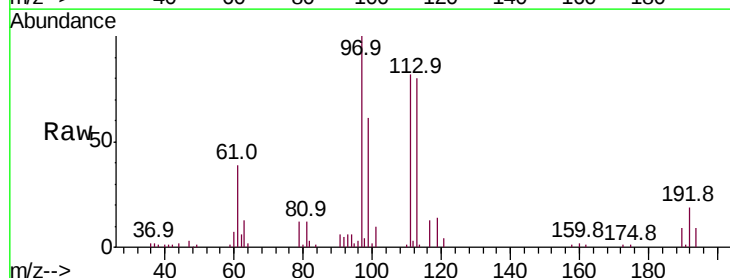
Tgt Ion: 97 Resp: 80480

Ion Ratio Lower Upper

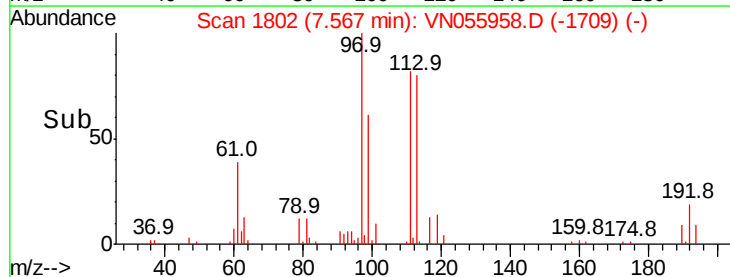
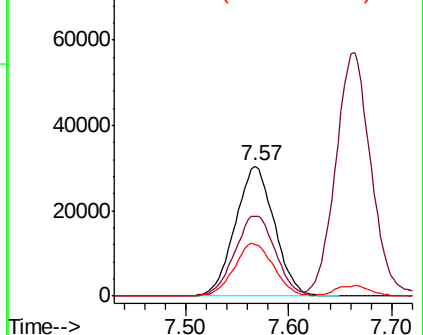
97 100

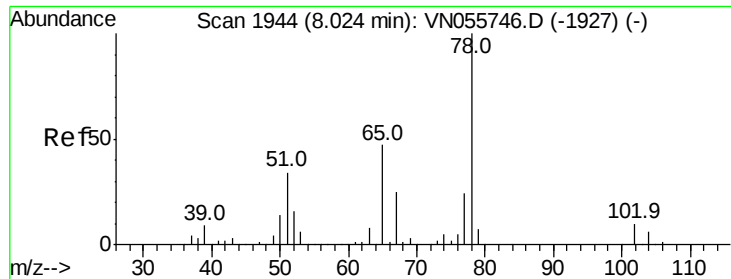
99 63.7 52.0 78.0

61 40.7 32.9 49.3



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

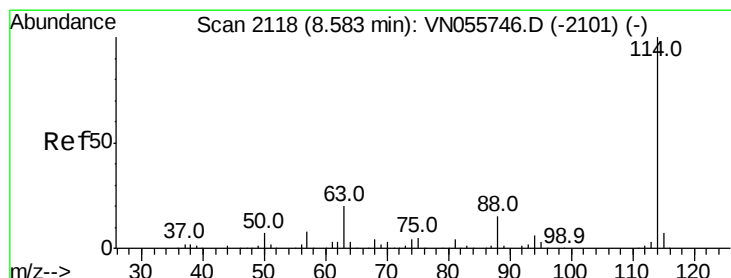
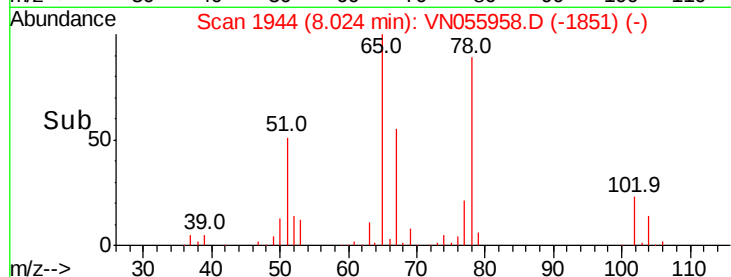
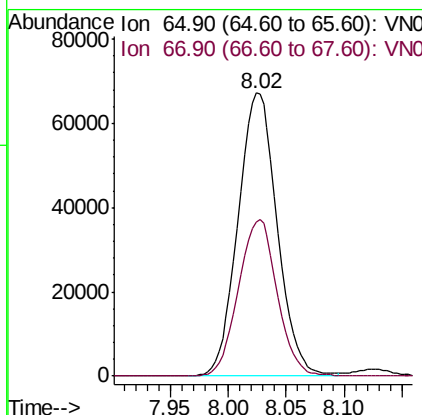
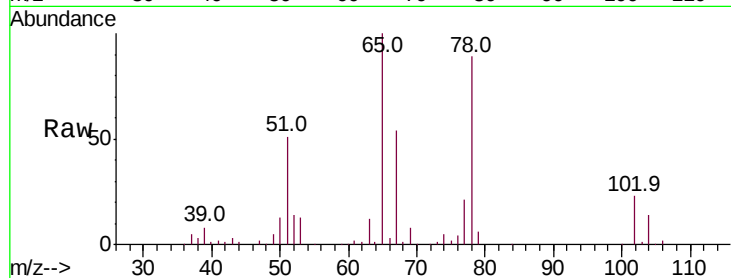




#33
 1,2-Dichloroethane-d4
 Concen: 52.018 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

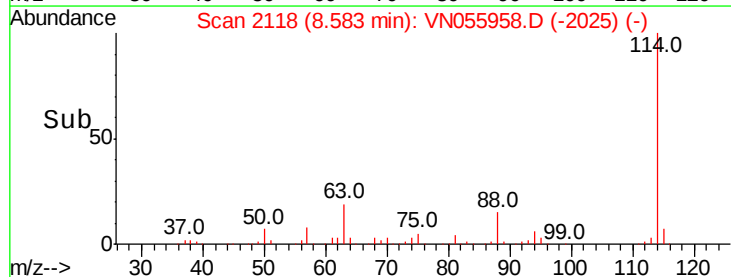
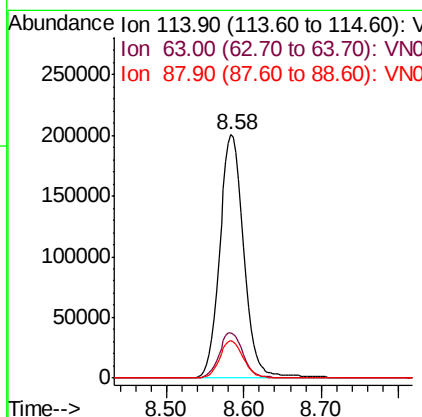
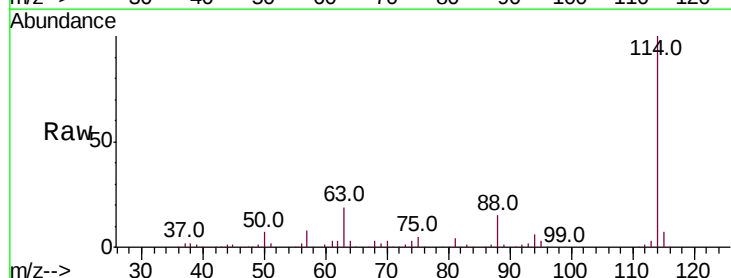
Instrument :
 MSVOA_N
 ClientSampleId :

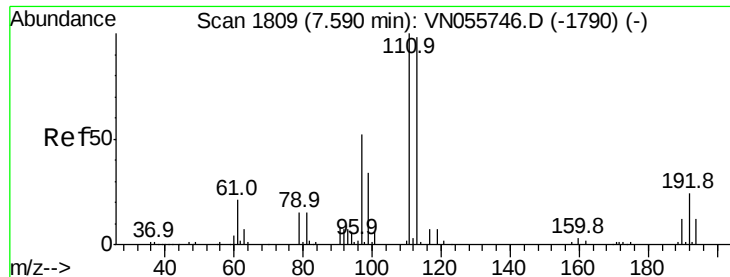
Tot Ion: 65 Resp: 158312
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion: 114 Resp: 435560
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :

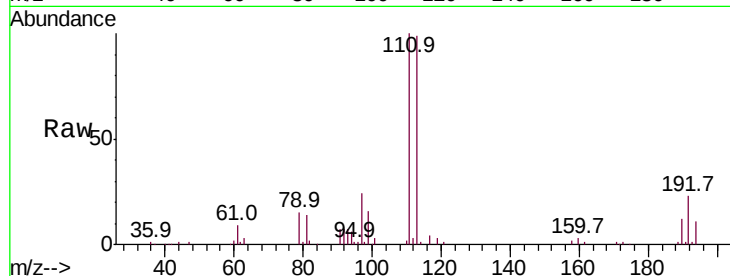
Tot Ion:113 Resp: 137933

Ion Ratio Lower Upper

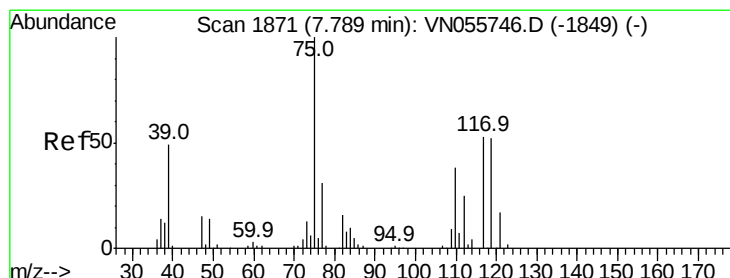
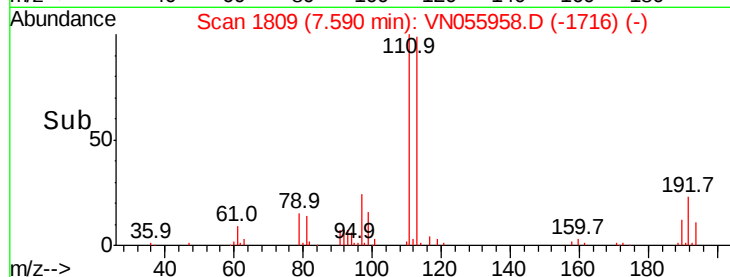
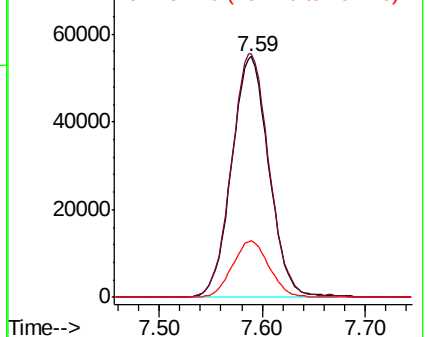
113 100

111 101.8 81.9 122.9

192 23.2 19.5 29.3



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: 18.033 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

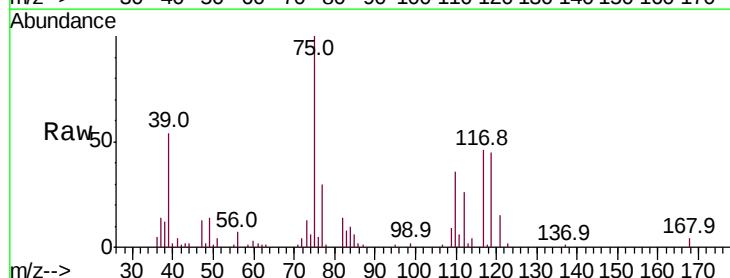
Tgt Ion: 75 Resp: 68447

Ion Ratio Lower Upper

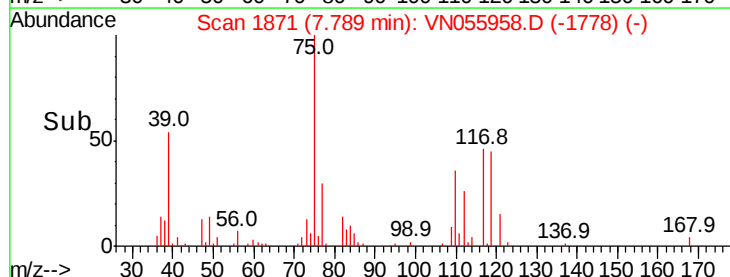
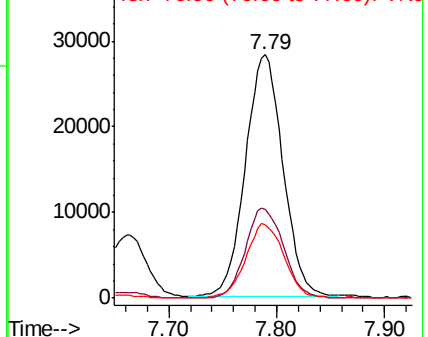
75 100

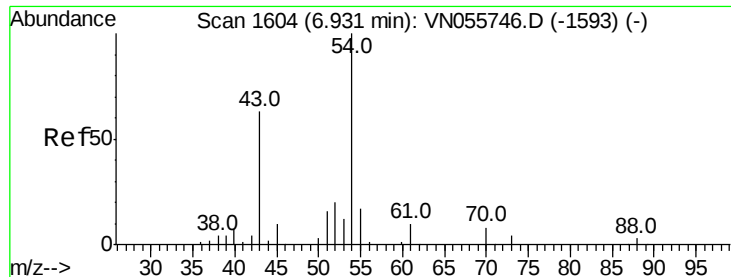
110 37.6 19.0 57.0

77 31.2 25.1 37.7



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

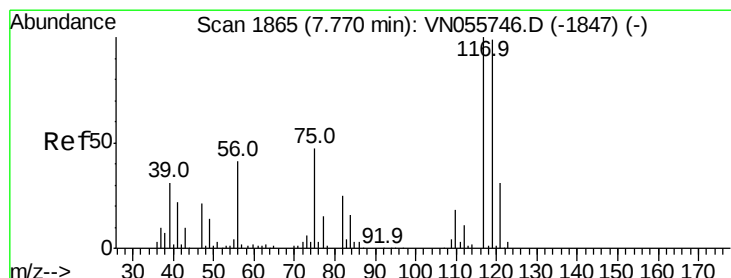
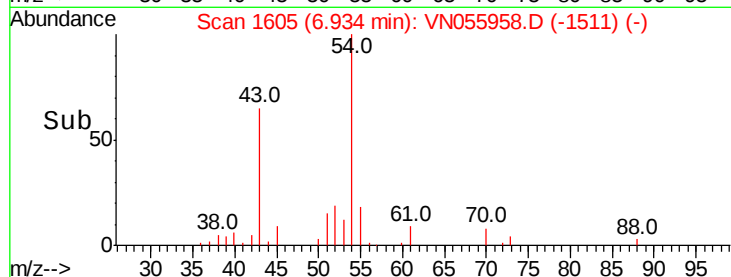
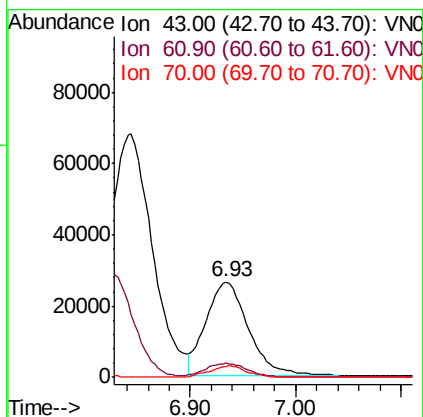
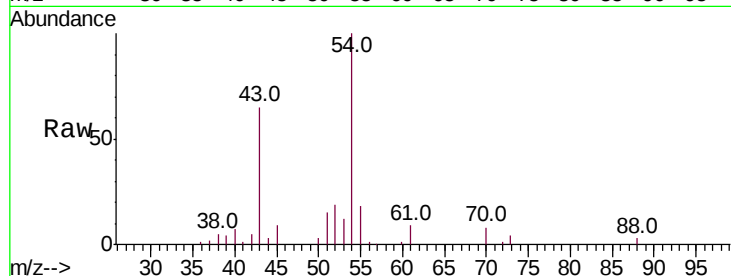




#37
Ethyl Acetate
Concen: 20.073 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

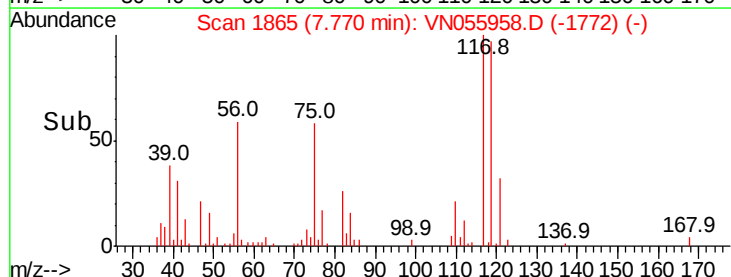
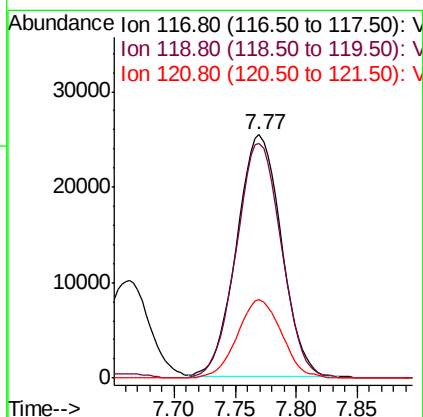
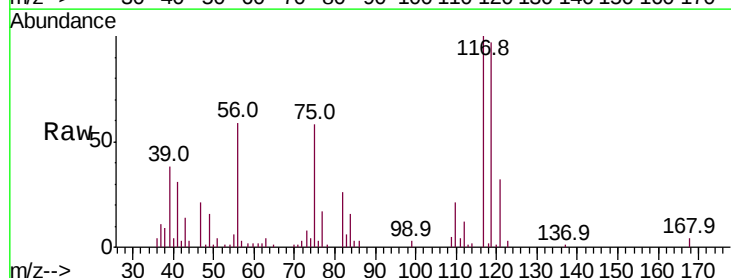
Instrument :
MSVOA_N
ClientSampled :

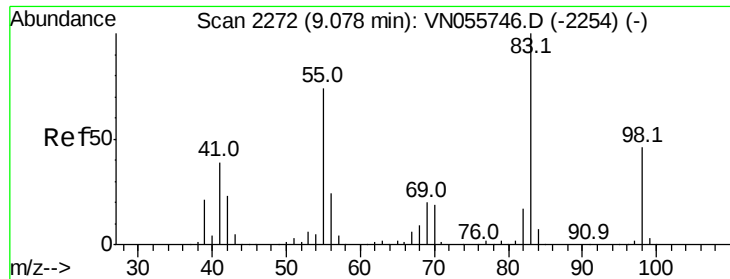
Tot Ion: 43 Resp: 73638
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 16.322 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 117 Resp: 64533
Ion Ratio Lower Upper
117 100
119 97.2 79.0 118.6
121 32.3 24.7 37.1

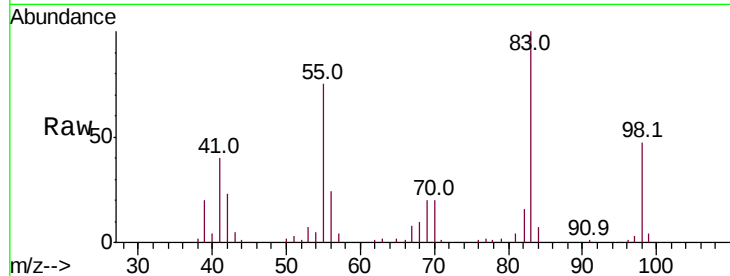




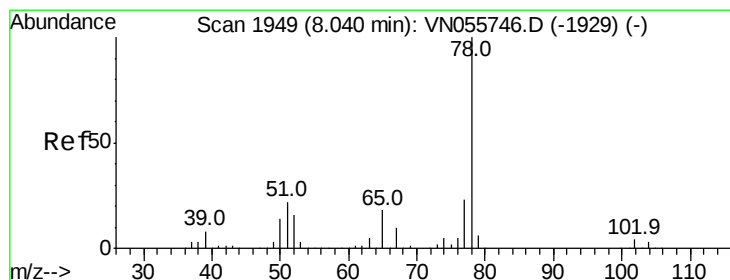
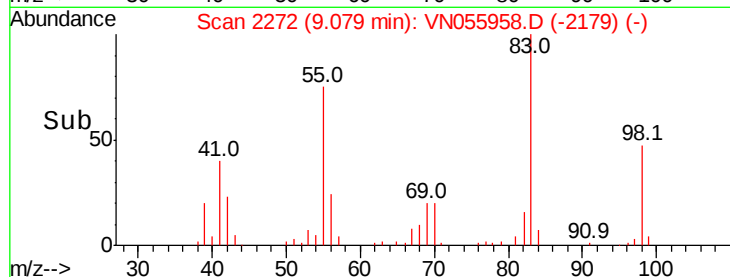
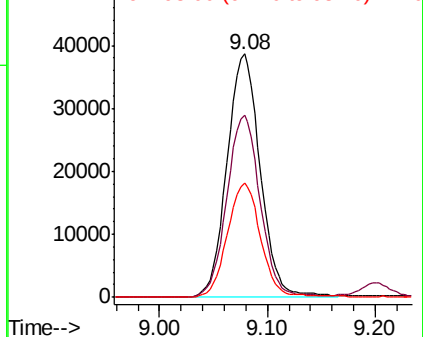
#39
Methvlcvclohexane
Concen: 17.659 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 83003
Ion Ratio Lower Upper
83 100
55 74.6 59.3 88.9
98 46.8 36.6 54.8

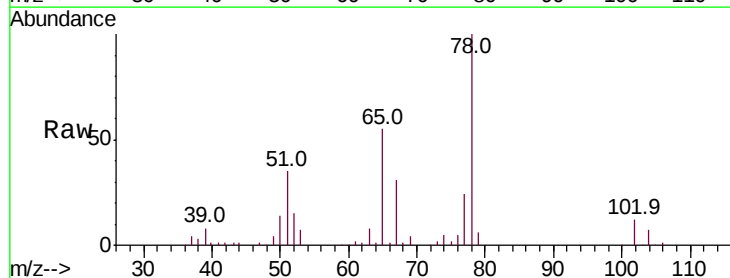


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

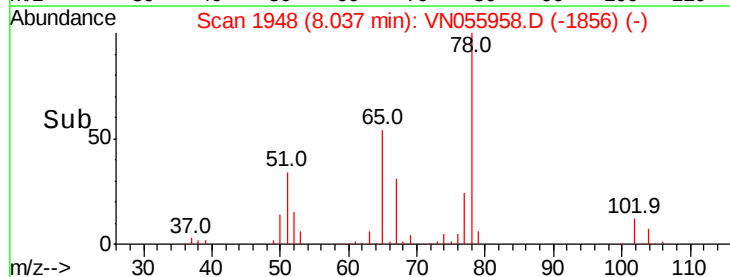
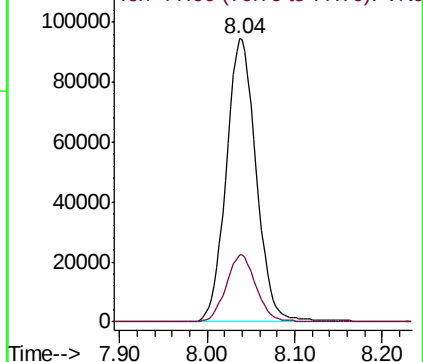


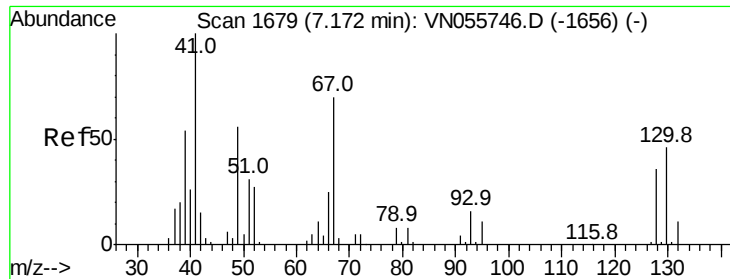
#40
Benzene
Concen: 19.655 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 78 Resp: 224848
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

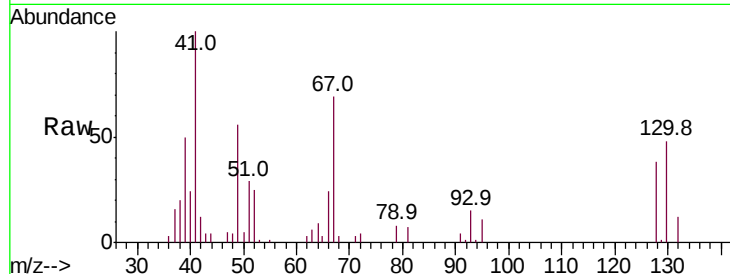




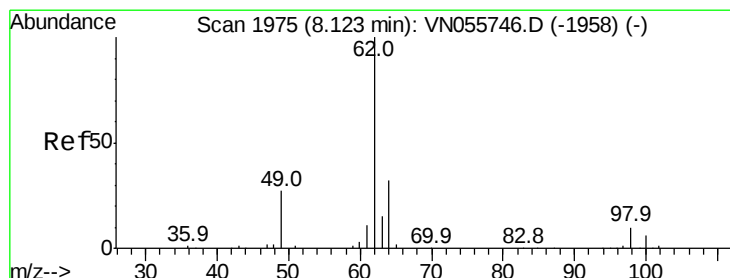
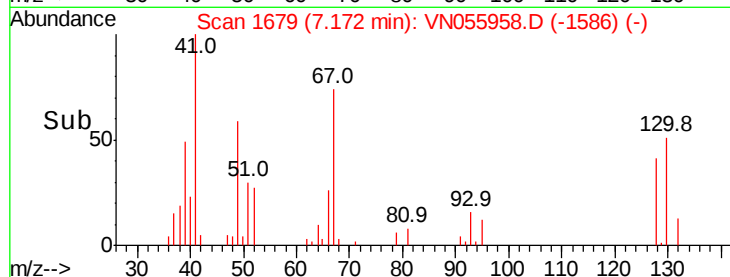
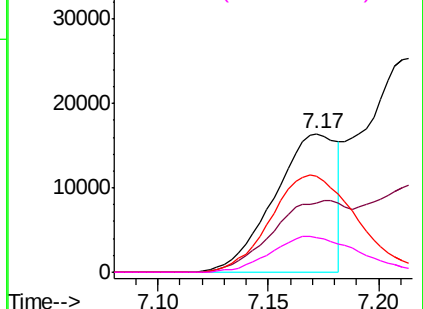
#41
Methacrylonitrile
Concen: 17.476 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 32389
Ion Ratio Lower Upper
41 100
39 62.6 45.6 68.4
67 97.7 67.7 101.5
52 37.1 26.6 40.0

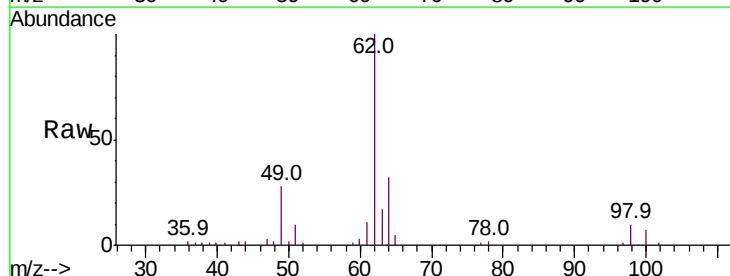


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

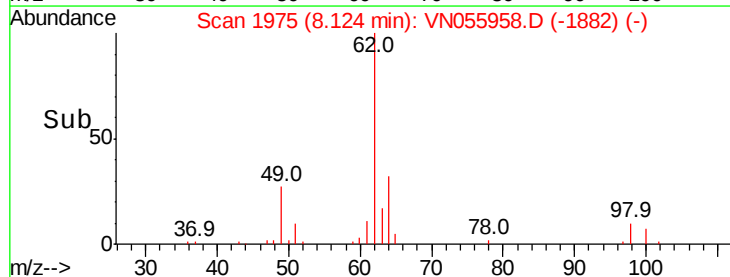
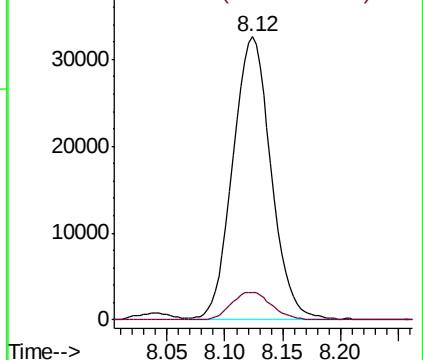


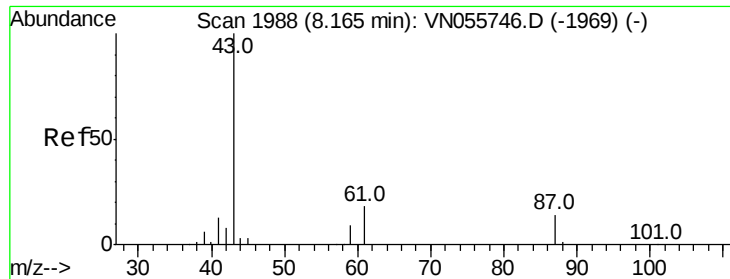
#42
1,2-Dichloroethane
Concen: 20.001 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 62 Resp: 74766
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 19.014 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

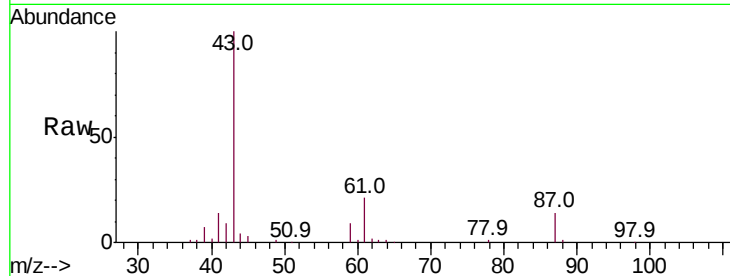
Tot Ion: 43 Resp: 117200

Ion Ratio Lower Upper

43 100

61 21.9 22.2 33.4#

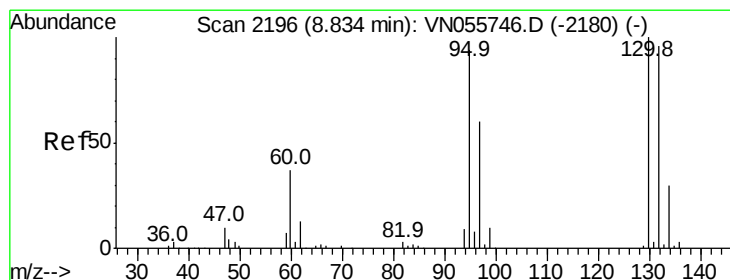
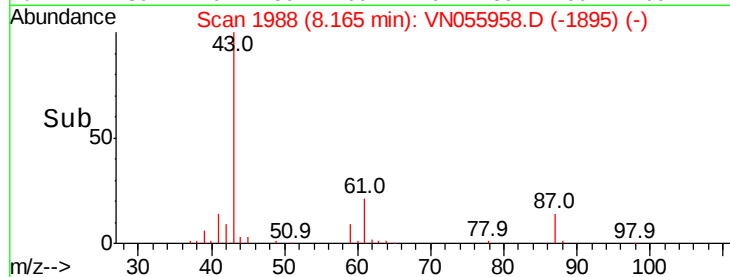
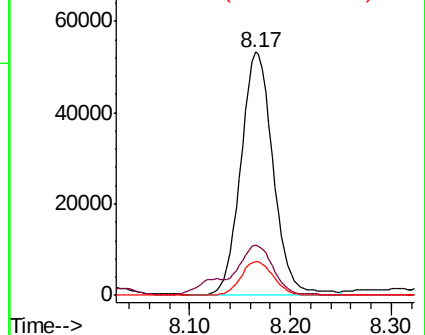
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#44

Trichloroethene

Concen: 19.556 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055958.D

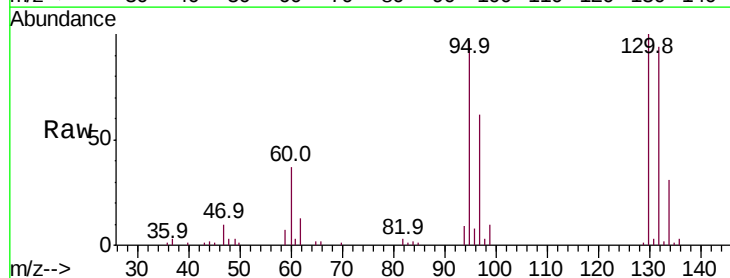
Acq: 3 Jun 2019 13:50

Tgt Ion:130 Resp: 62367

Ion Ratio Lower Upper

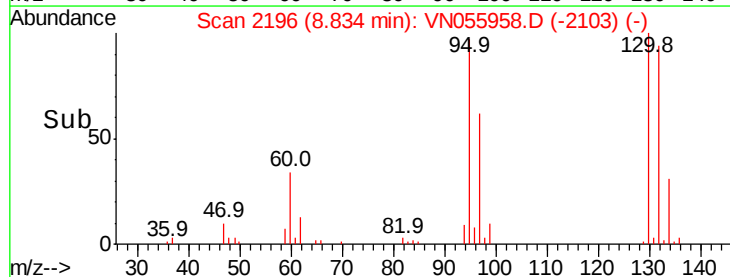
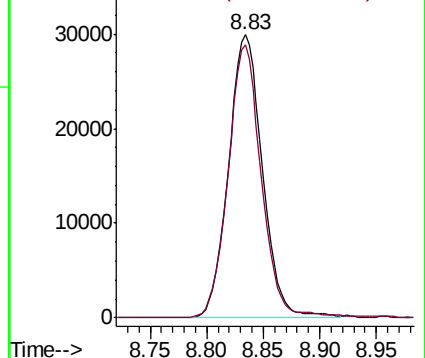
130 100

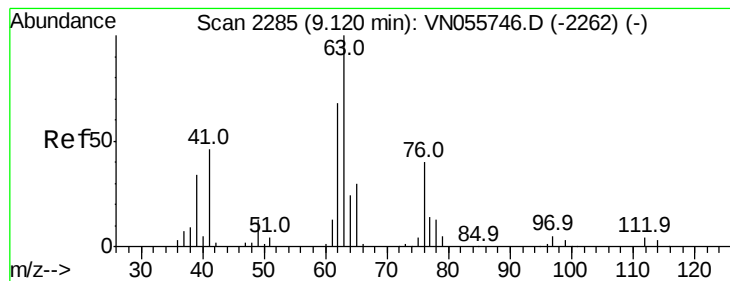
95 96.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.271 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

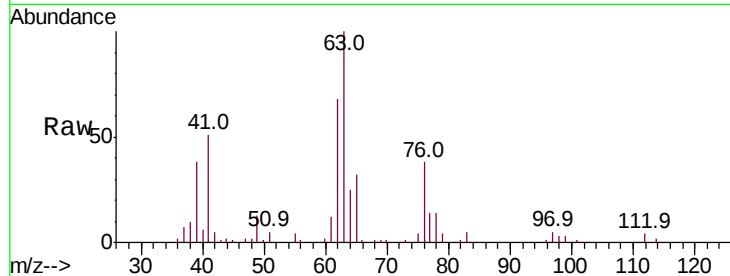
ClientSampleId :

Tot Ion: 63 Resp: 60417

Ion Ratio Lower Upper

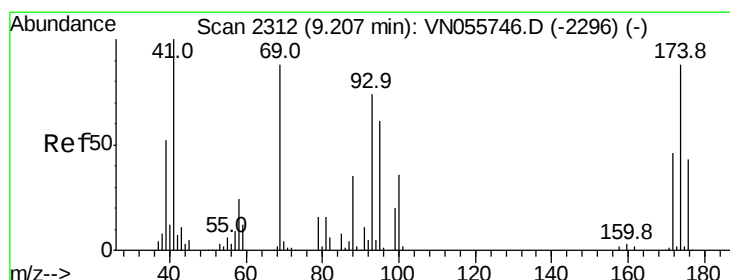
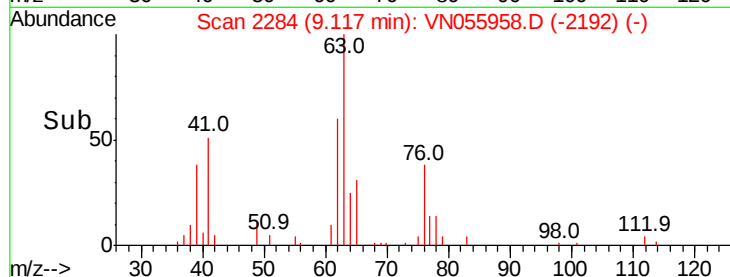
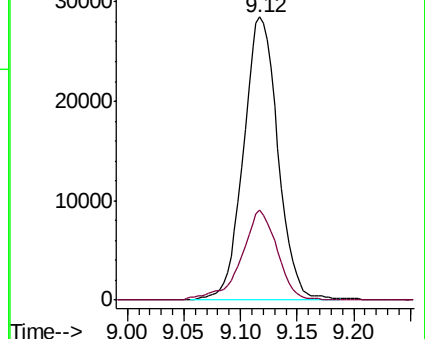
63 100

65 31.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#46

Dibromomethane

Concen: 19.905 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

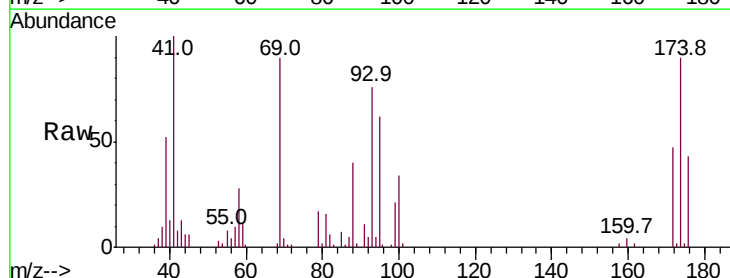
Tgt Ion: 93 Resp: 38907

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

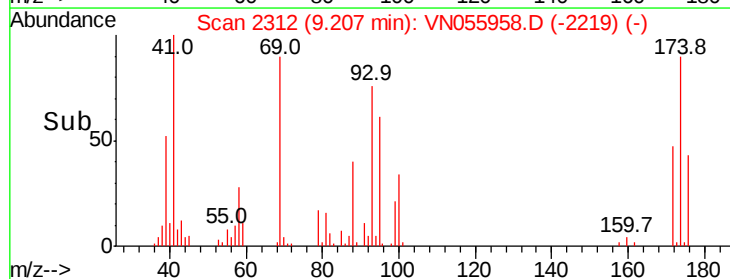
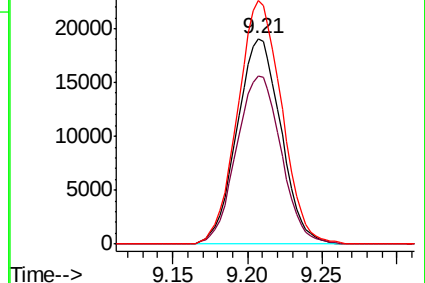
174 119.2 96.4 144.6

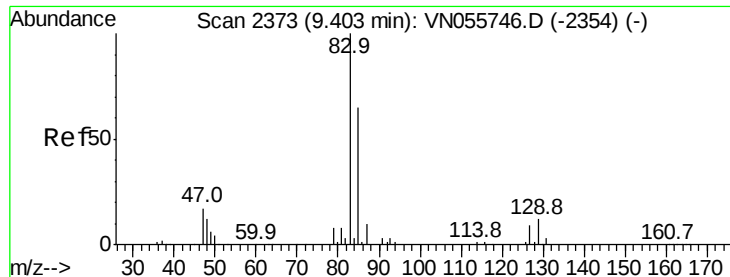


Abundance Ion 92.80 (92.50 to 93.50): VNC

Ion 94.80 (94.50 to 95.50): VNC

Ion 173.70 (173.40 to 174.40): VNC





#47

Bromodichloromethane

Concen: 17.693 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :

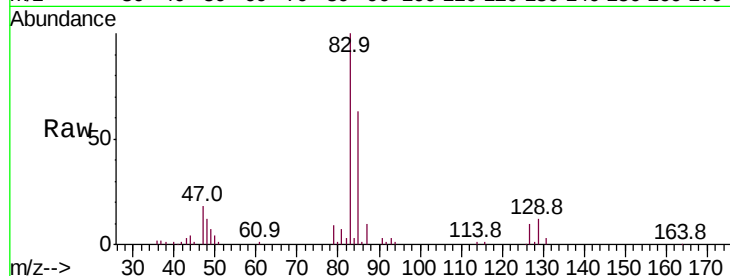
Tot Ion: 83 Resp: 70914

Ion Ratio Lower Upper

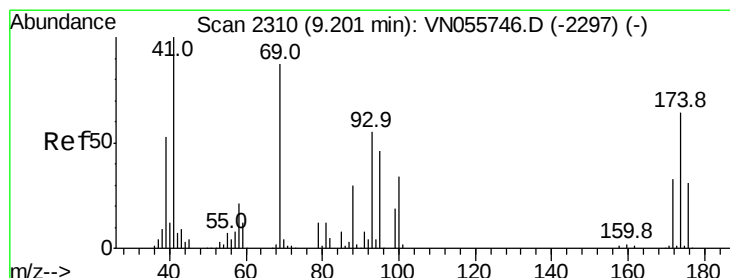
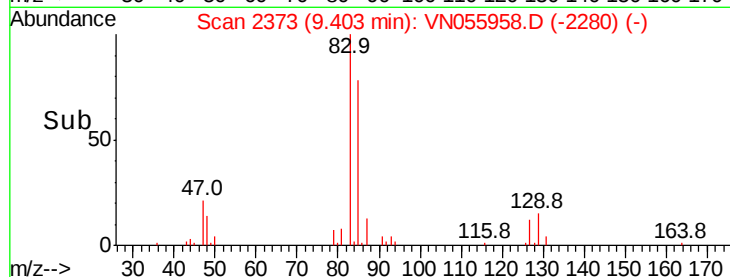
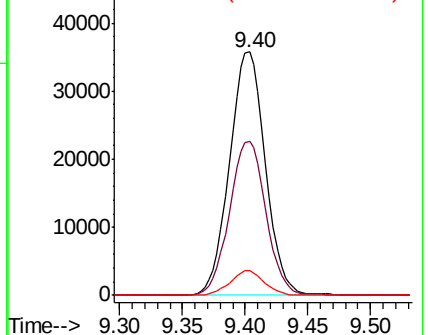
83 100

85 63.3 52.2 78.2

127 10.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 19.792 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

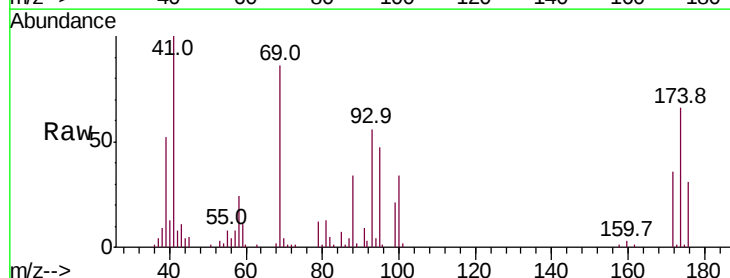
Tgt Ion: 41 Resp: 56225

Ion Ratio Lower Upper

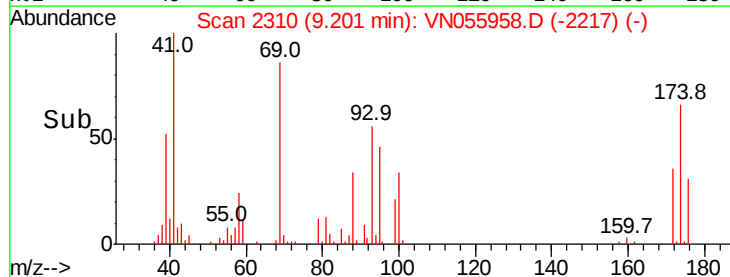
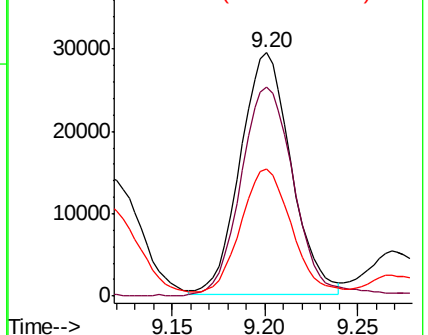
41 100

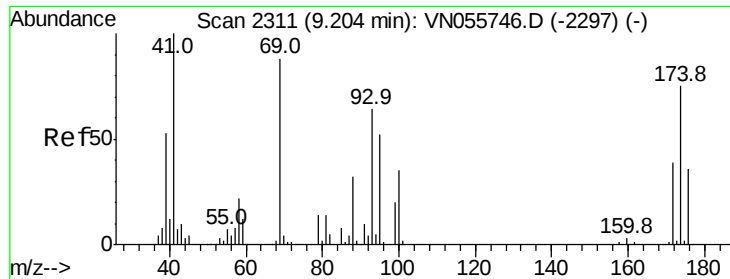
69 91.5 71.0 106.6

39 53.0 44.2 66.2



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





#49

1,4-Dioxane

Concen: 415.274 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

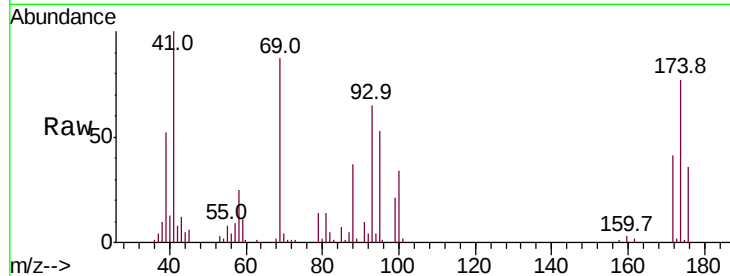
Tot Ion: 88 Resp: 24515

Ion Ratio Lower Upper

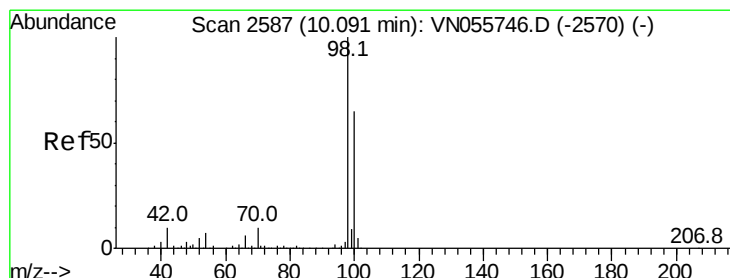
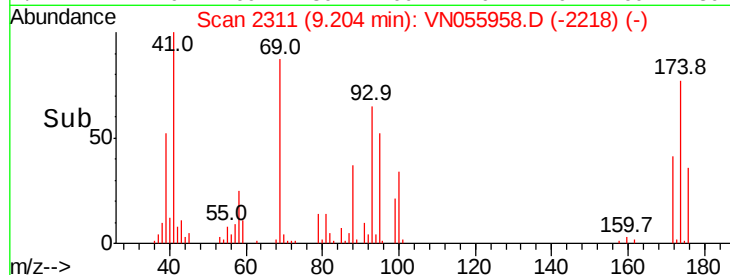
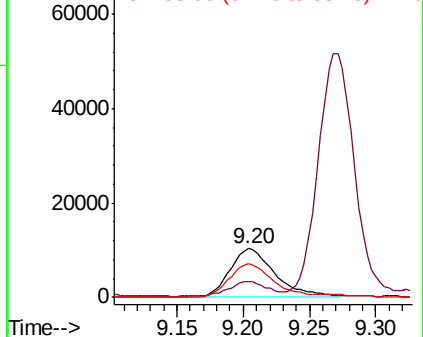
88 100

43 26.1 20.5 30.7

58 72.5 55.8 83.6



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: 49.529 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055958.D

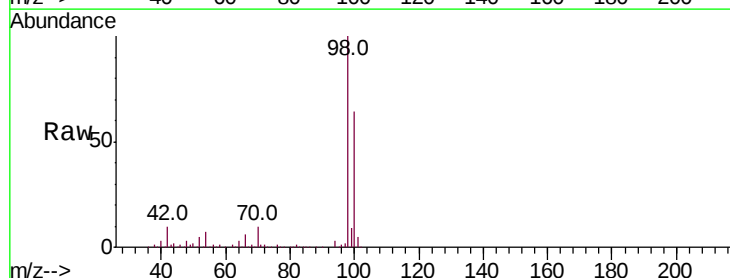
Acq: 3 Jun 2019 13:50

Tgt Ion: 98 Resp: 523177

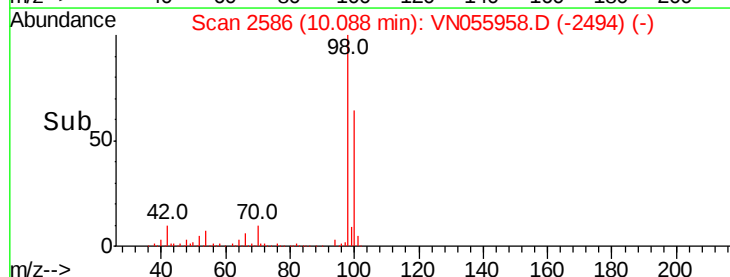
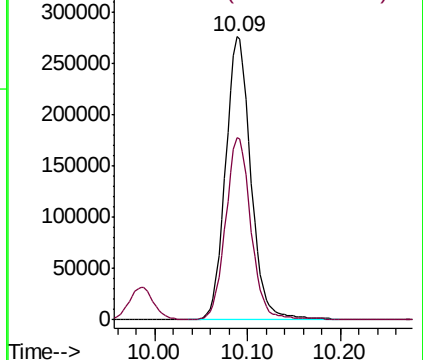
Ion Ratio Lower Upper

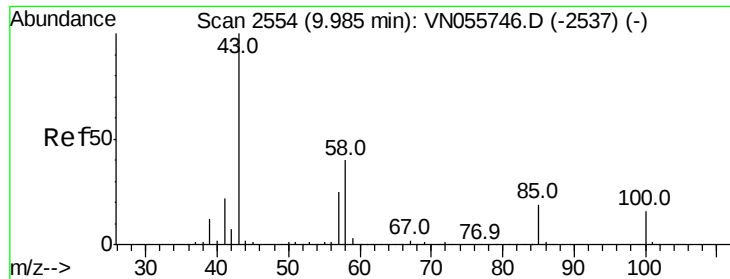
98 100

100 64.5 51.9 77.9



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

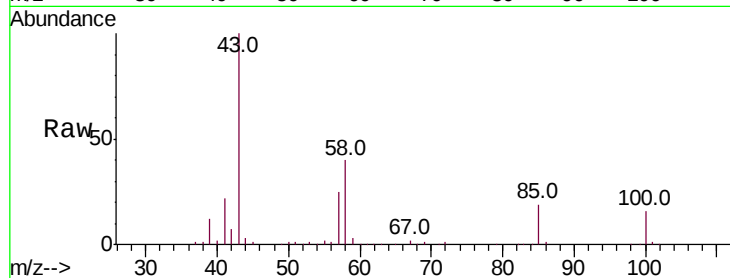




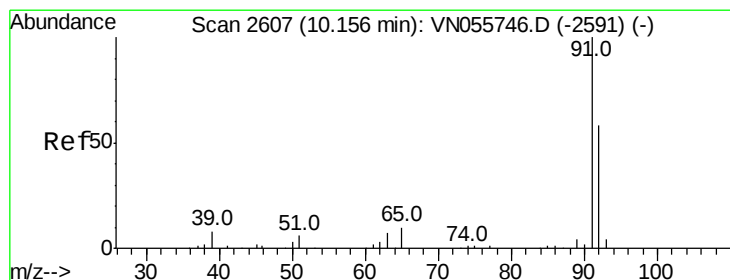
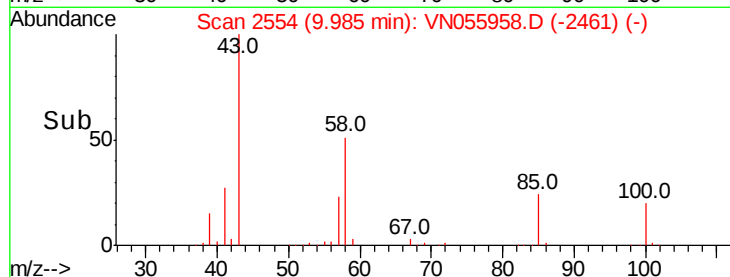
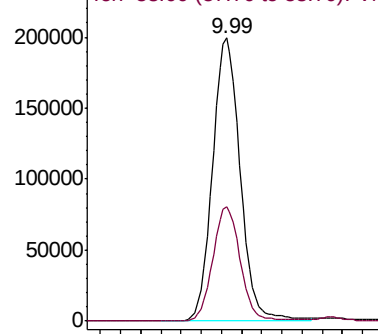
#51
4-Methyl-2-Pentanone
Concen: 103.448 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 376587
Ion Ratio Lower Upper
43 100
58 40.3 32.1 48.1

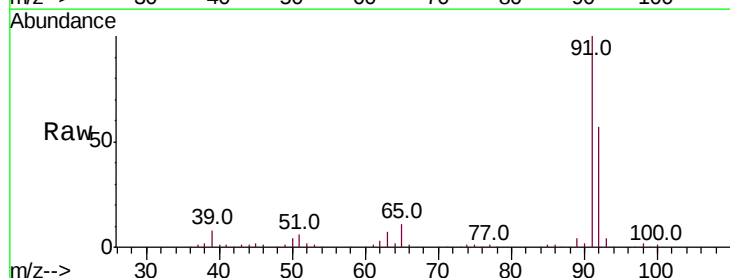


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

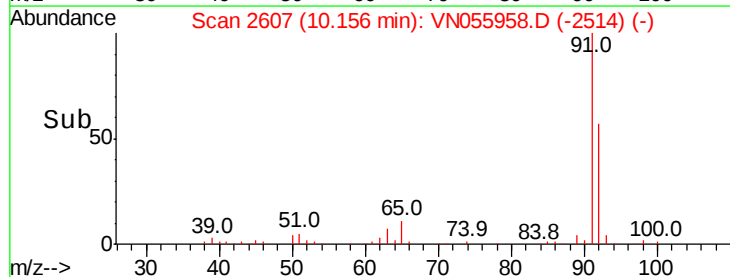
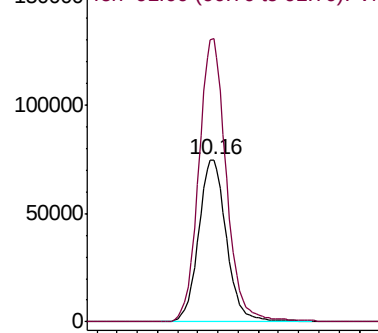


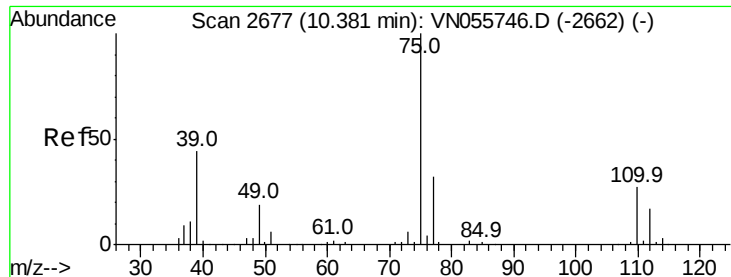
#52
Toluene
Concen: 20.106 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 92 Resp: 144653
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 16.659 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

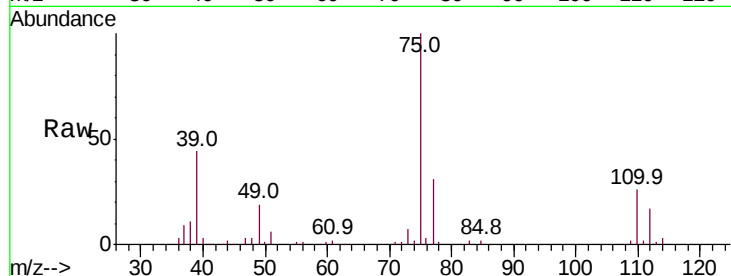
ClientSampleId :

Tot Ion: 75 Resp: 71274

Ion Ratio Lower Upper

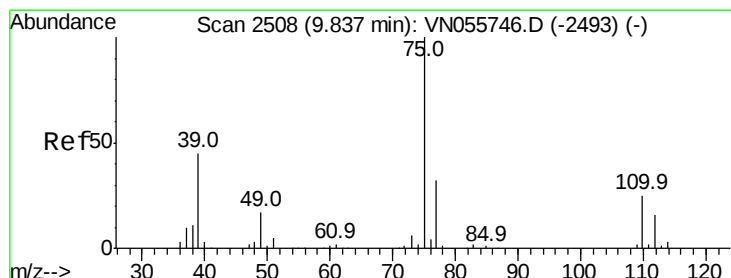
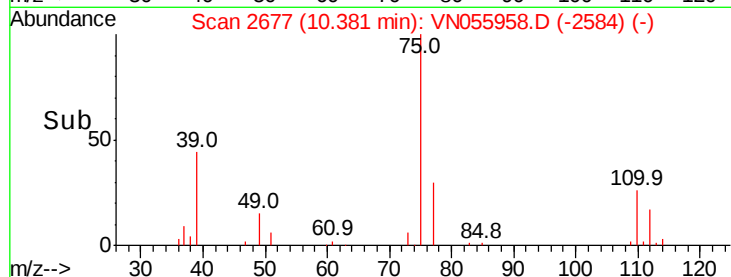
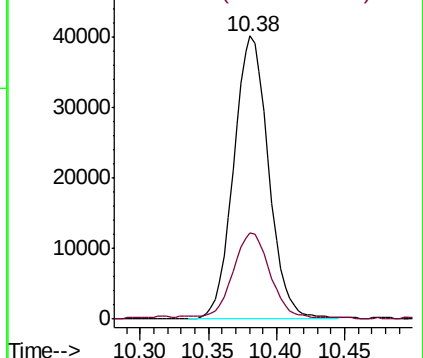
75 100

77 30.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.154 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

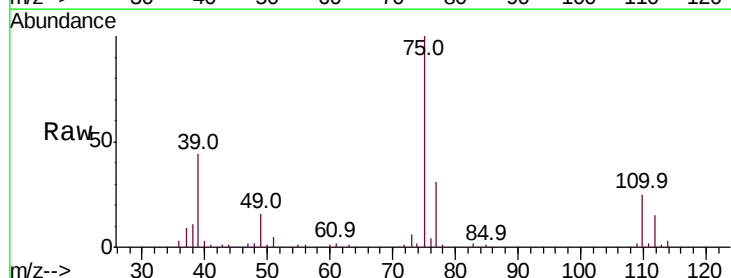
Tgt Ion: 75 Resp: 86040

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

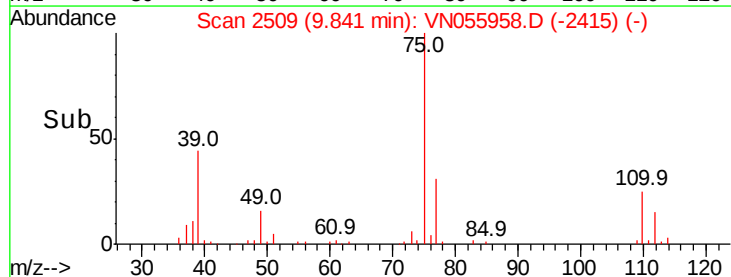
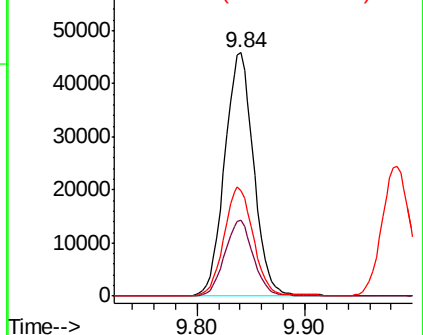
39 43.5 36.3 54.5

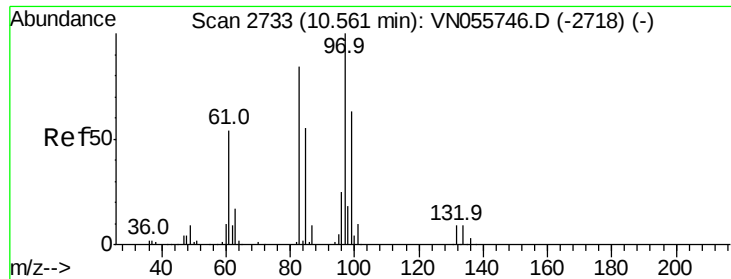


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

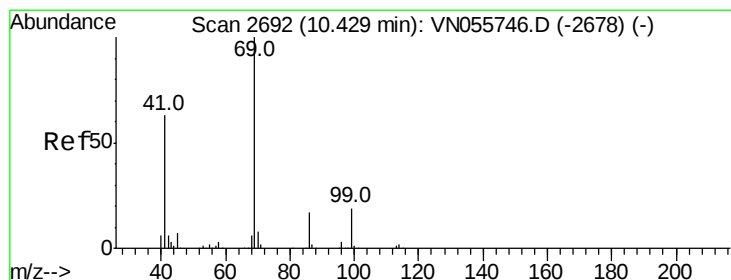
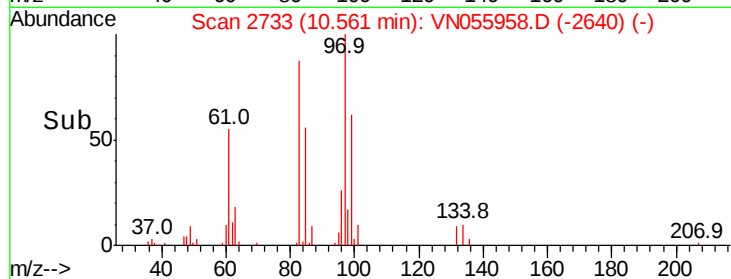
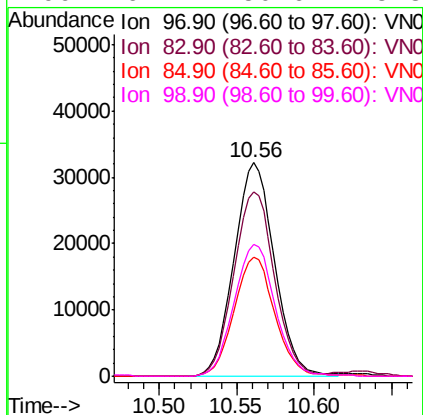
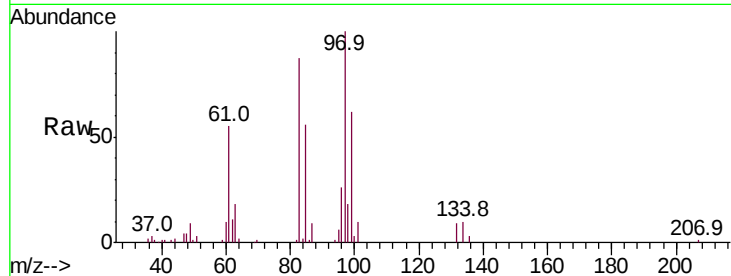




#55
 1,1,2-Trichloroethane
 Concen: 20.241 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

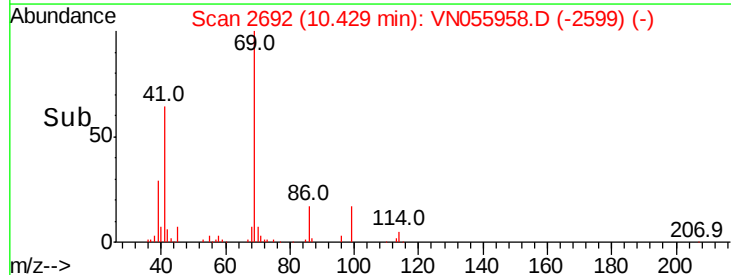
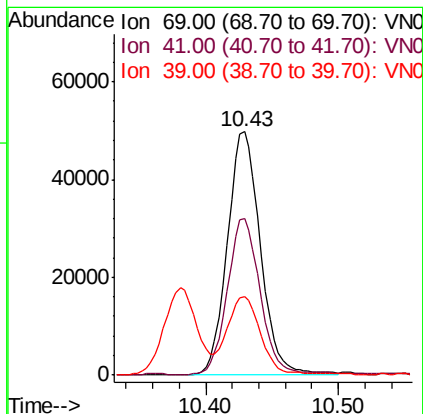
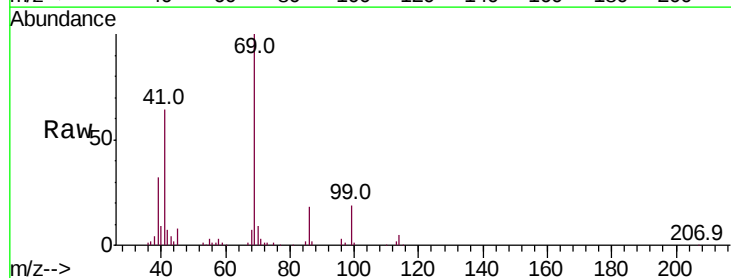
Instrument :
 MSVOA_N
 ClientSampleId :

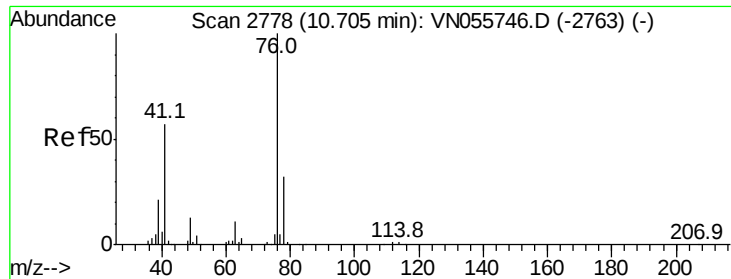
Tot Ion:	97	Resp:	58341
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	56.0	44.0	66.0
99	61.7	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.363 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion:	69	Resp:	86250
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.7	74.5
39	31.6	24.7	37.1

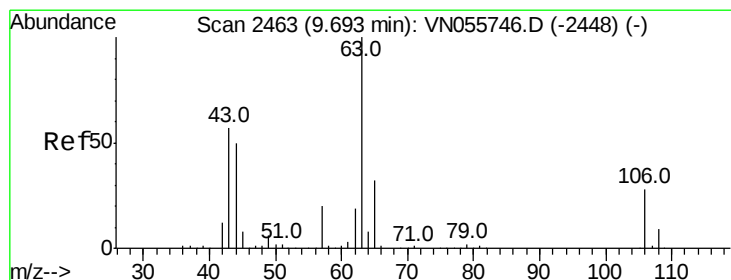
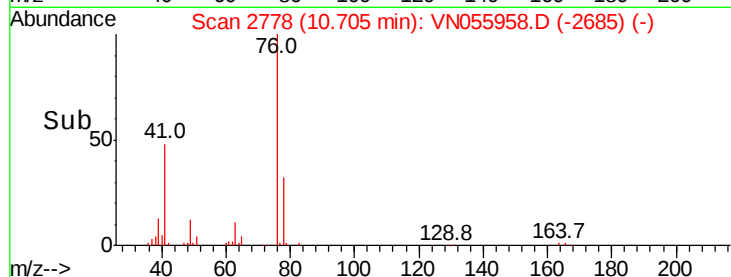
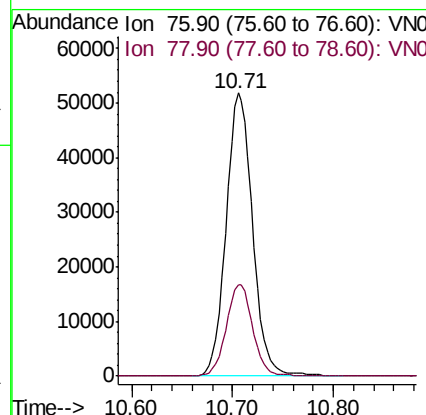
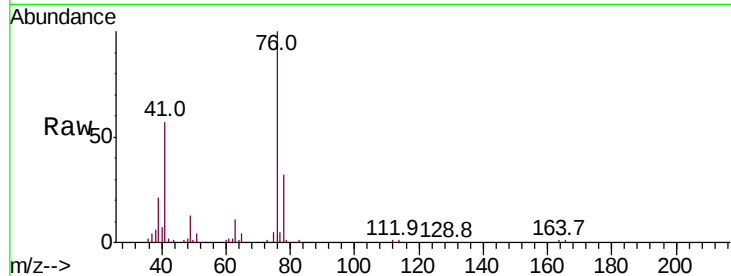




#57
 1,3-Dichloropropane
 Concen: 20.274 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

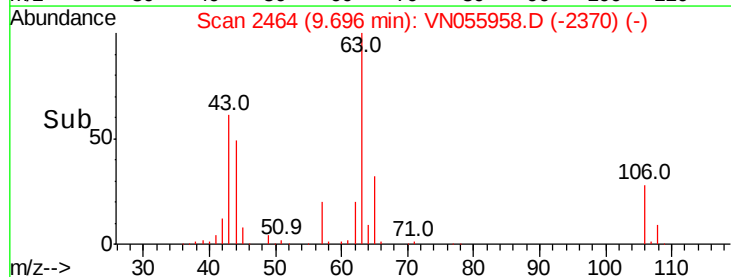
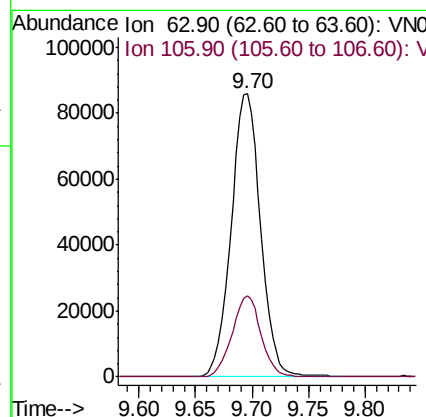
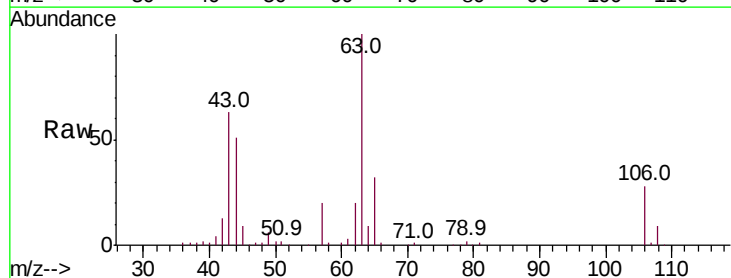
Instrument :
 MSVOA_N
 ClientSampled :

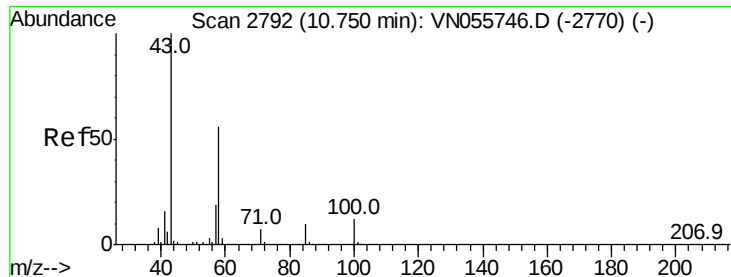
Tot Ion: 76 Resp: 94985
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.221 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion: 63 Resp: 155287
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

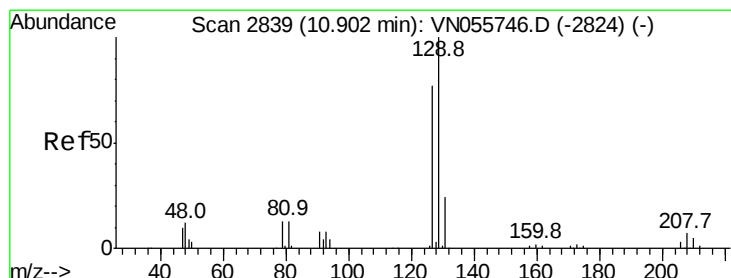
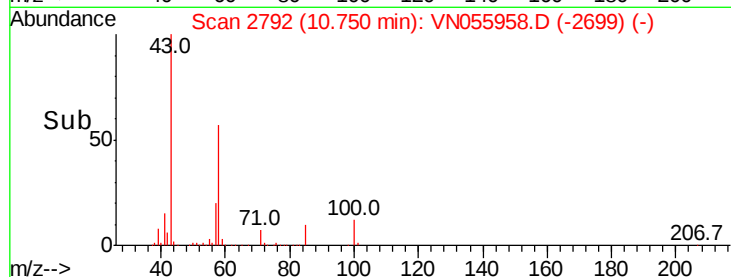
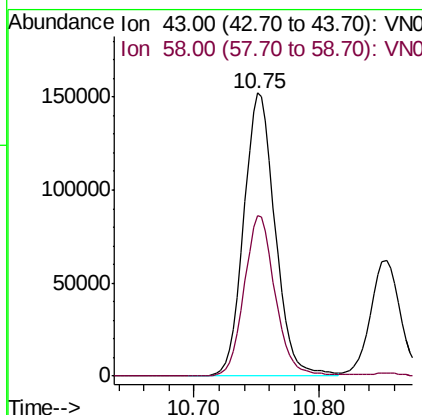
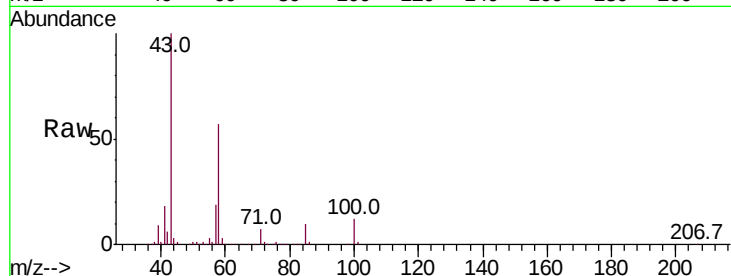




#59
2-Hexanone
Concen: 102.676 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

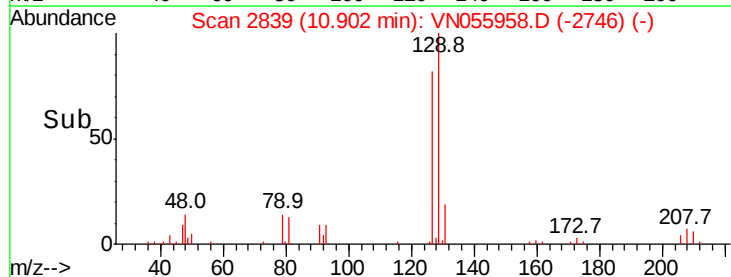
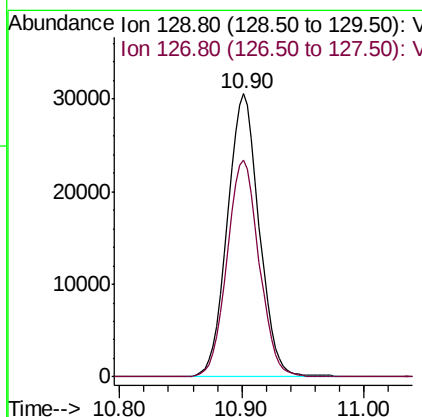
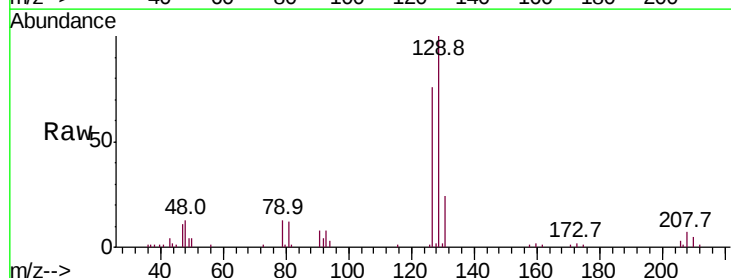
Instrument :
MSVOA_N
ClientSampleId :

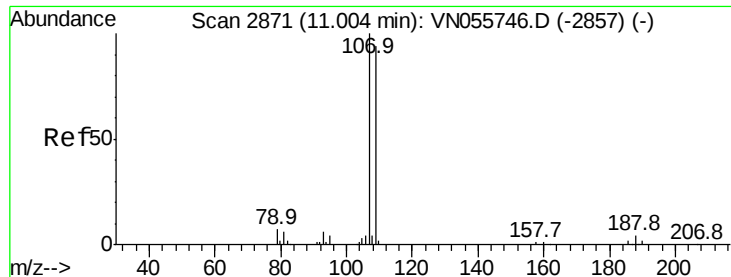
Tot Ion: 43 Resp: 265161
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.7



#60
Dibromochloromethane
Concen: 16.560 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 129 Resp: 55603
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.834 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

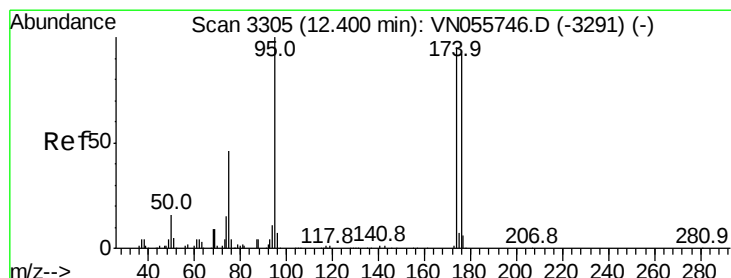
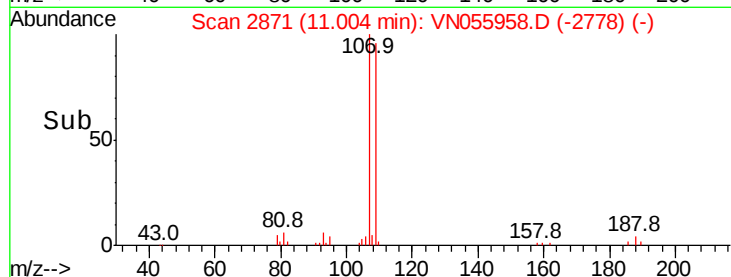
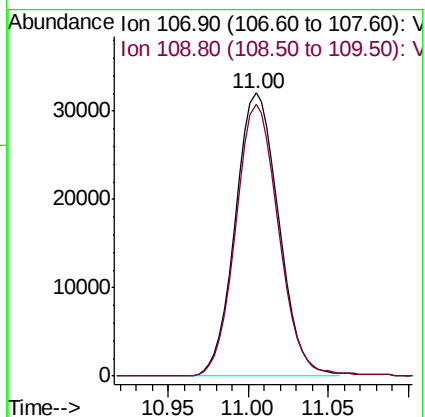
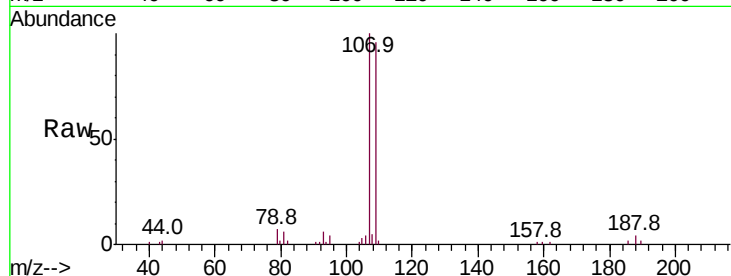
ClientSampleId :

Tot Ion:107 Resp: 59295

Ion Ratio Lower Upper

107 100

109 94.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 48.037 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

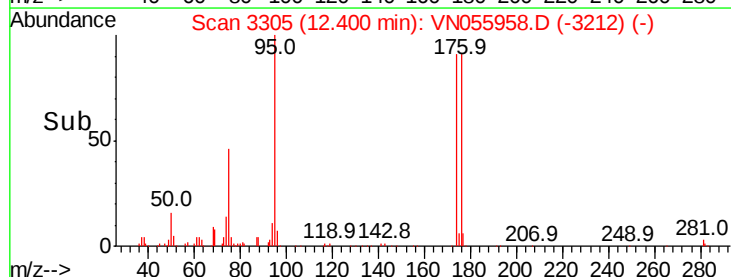
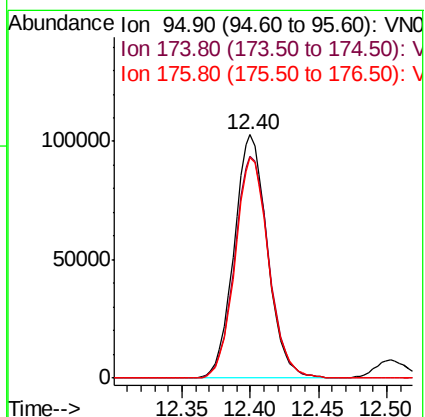
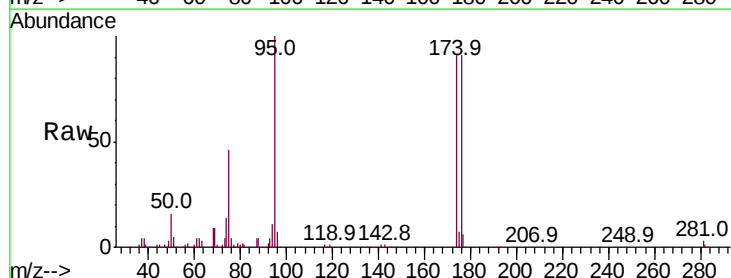
Tgt Ion: 95 Resp: 173990

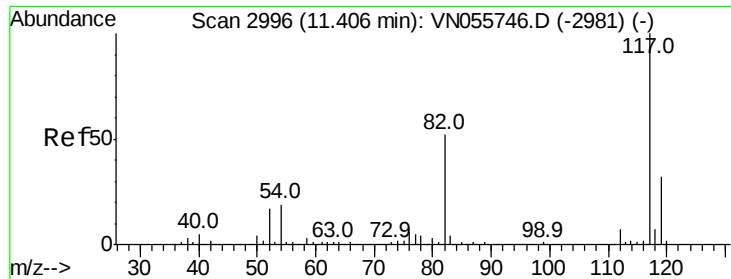
Ion Ratio Lower Upper

95 100

174 93.6 0.0 191.0

176 91.5 0.0 185.2

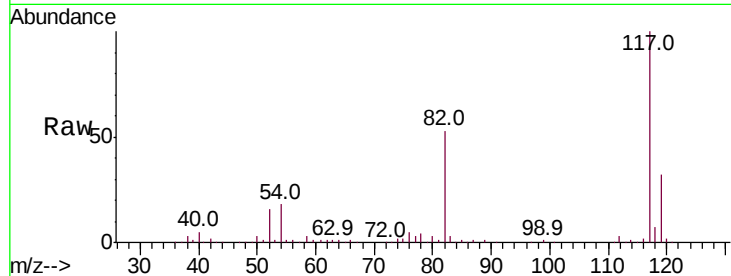




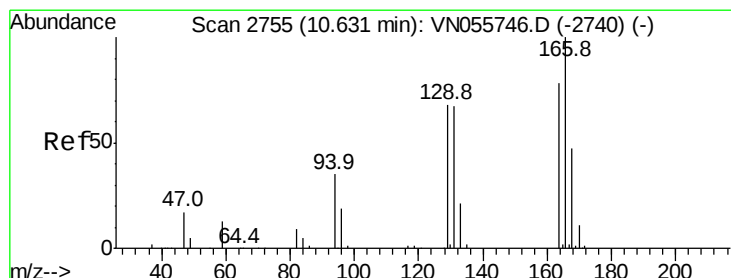
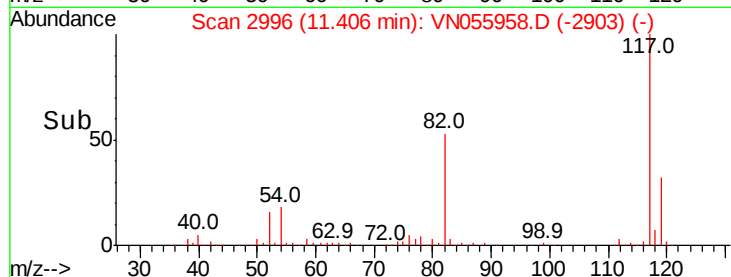
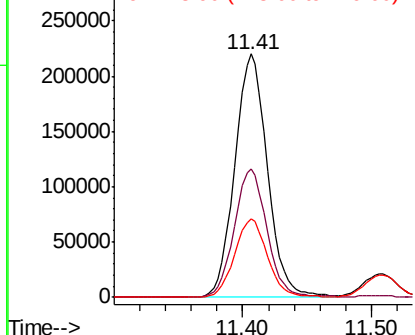
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 387536
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.2 25.4 38.0

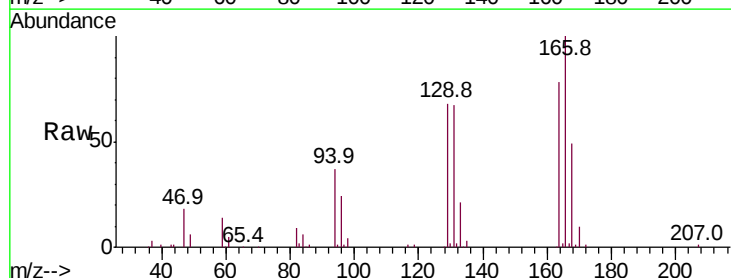


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

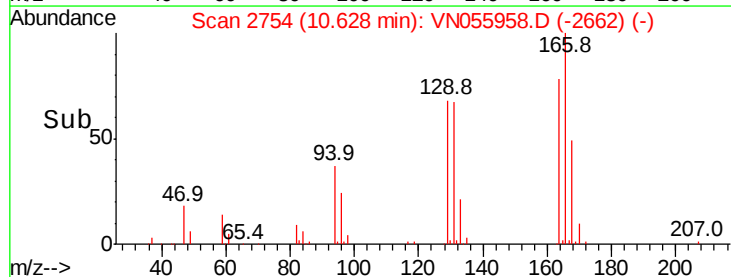
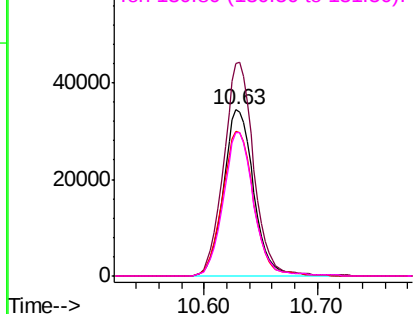


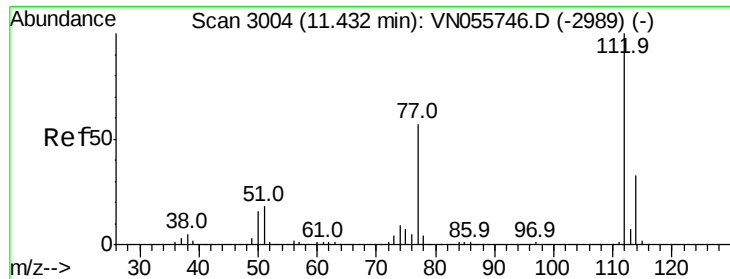
#64
Tetrachloroethene
Concen: 19.552 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:164 Resp: 63906
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 86.9 70.6 105.8
131 85.9 68.6 102.8



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

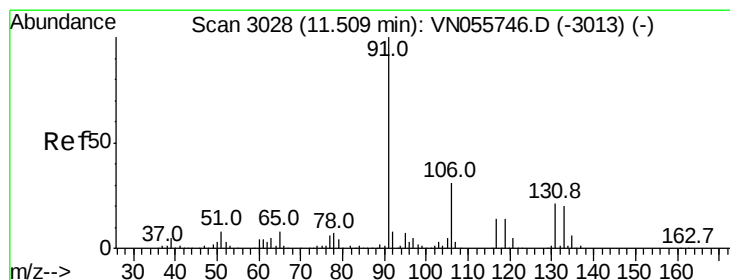
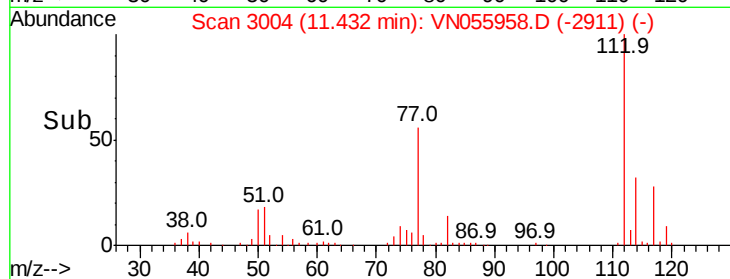
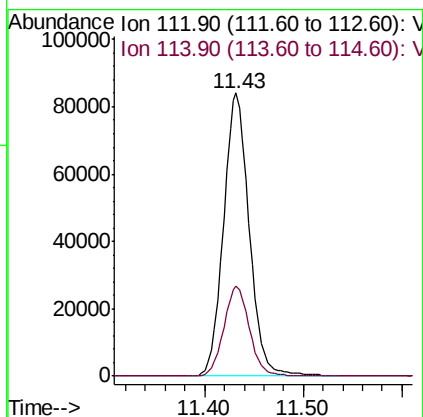
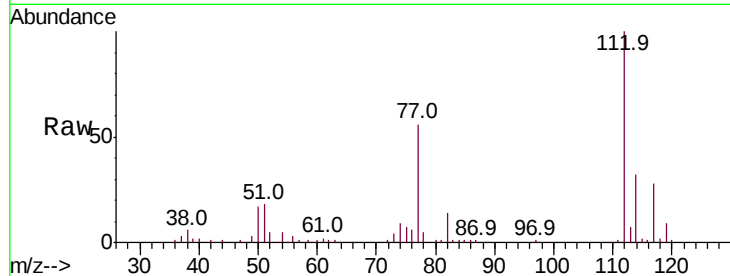




#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

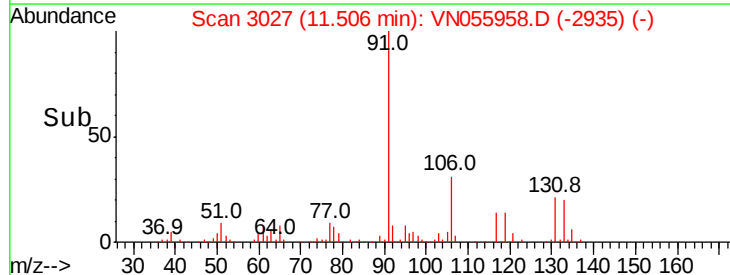
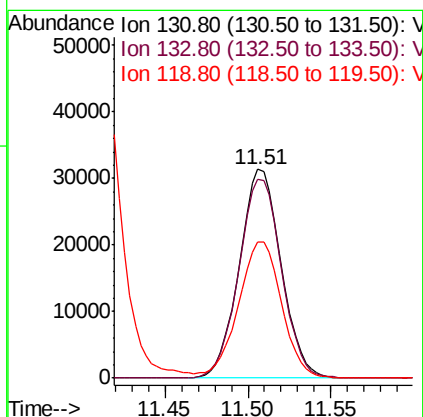
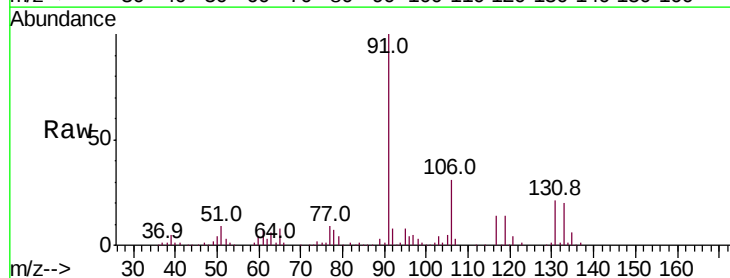
Instrument :
MSVOA_N
ClientSampled :

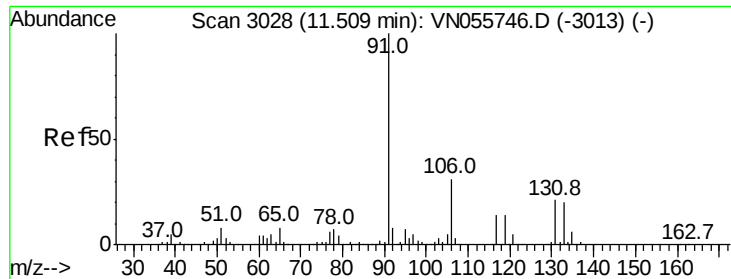
Tot Ion:112 Resp: 153640
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.748 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:131 Resp: 54916
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.0
119 67.8 33.1 99.5





#67

Ethyl Benzene

Concen: 19.232 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

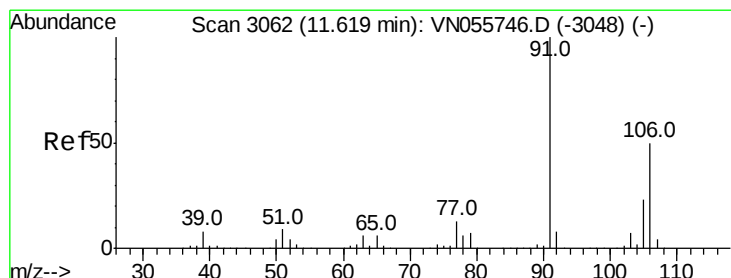
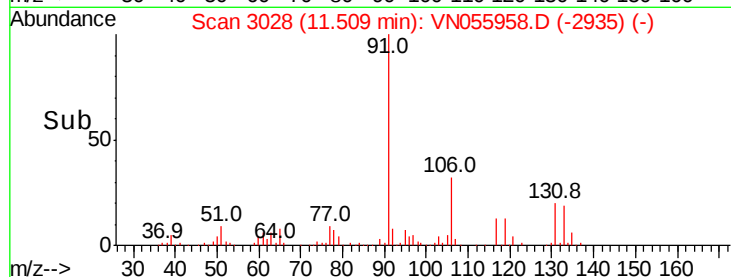
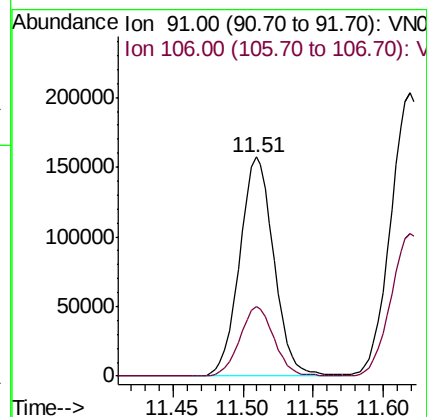
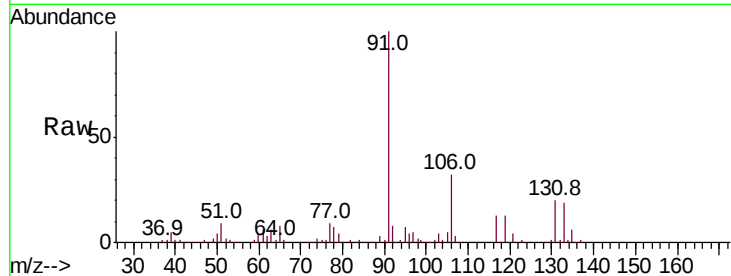
ClientSampleId :

Tot Ion: 91 Resp: 267562

Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



#68

m/p-Xylenes

Concen: 38.552 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055958.D

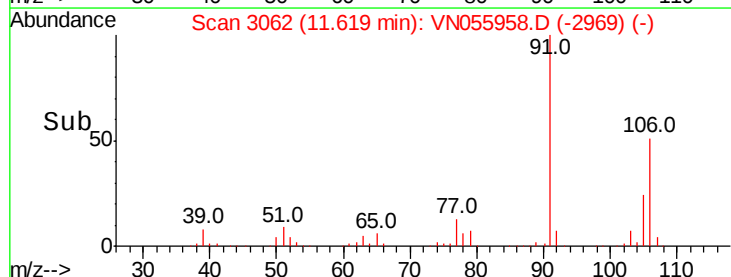
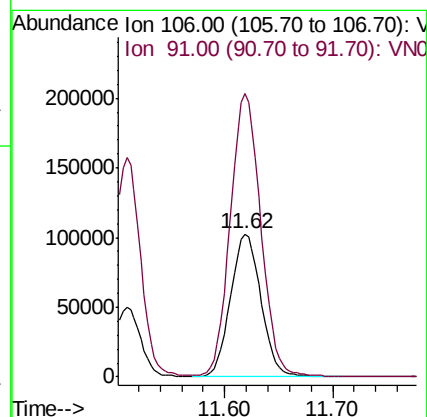
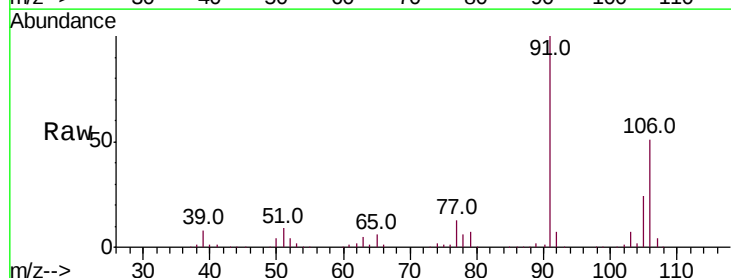
Acq: 3 Jun 2019 13:50

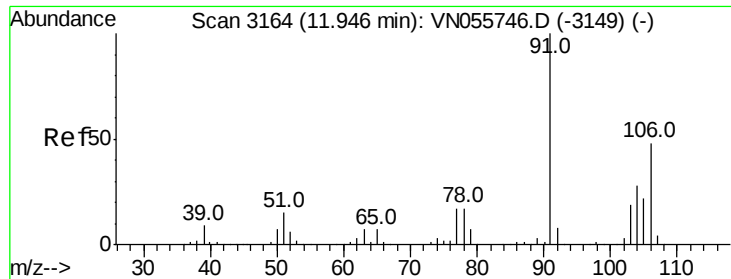
Tgt Ion: 106 Resp: 202768

Ion Ratio Lower Upper

106 100

91 198.4 159.3 238.9

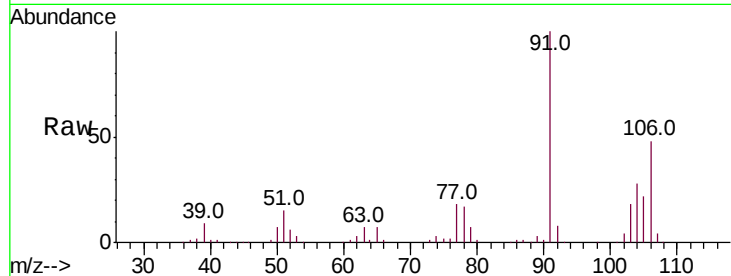




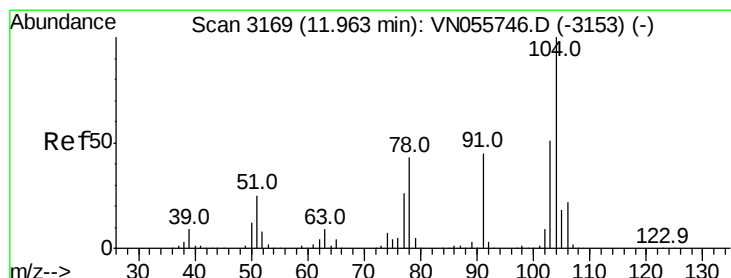
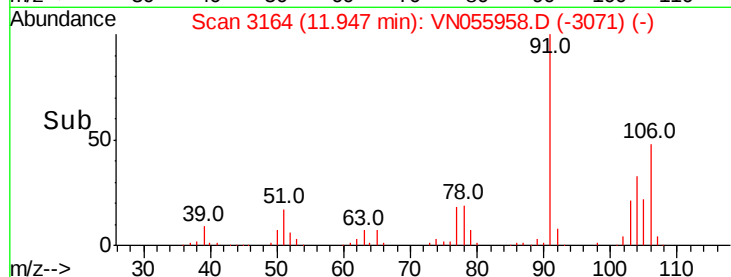
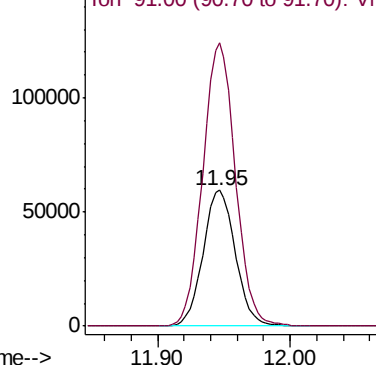
#69
o-Xylene
Concen: 19.326 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 100848
Ion Ratio Lower Upper
106 100
91 210.1 104.7 314.1

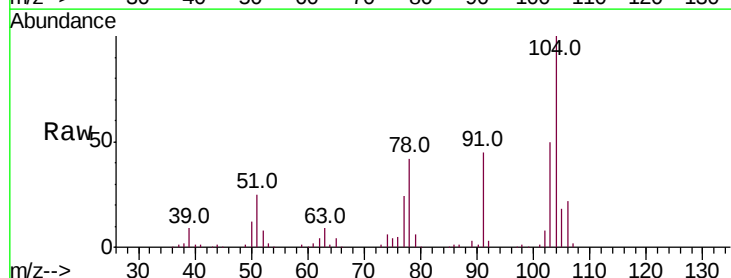


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

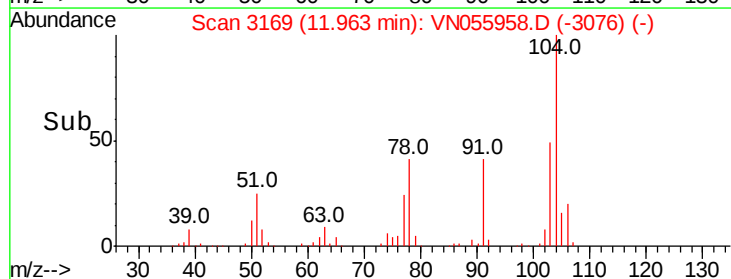
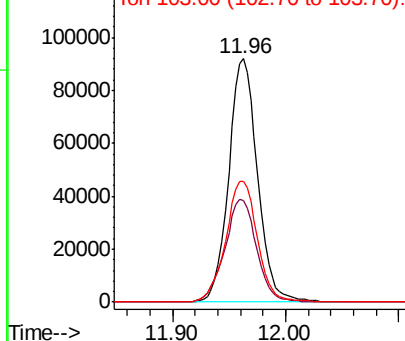


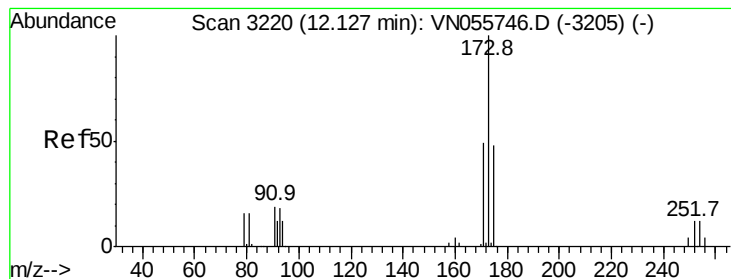
#70
Styrene
Concen: 19.307 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:104 Resp: 163154
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 54.6 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 14.598 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

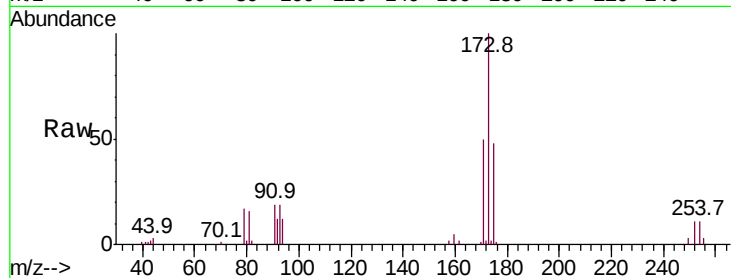
Tot Ion:173 Resp: 38528

Ion Ratio Lower Upper

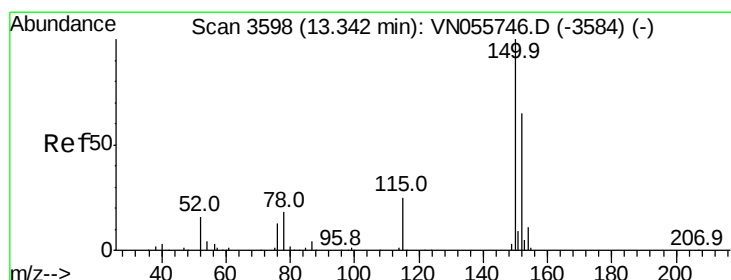
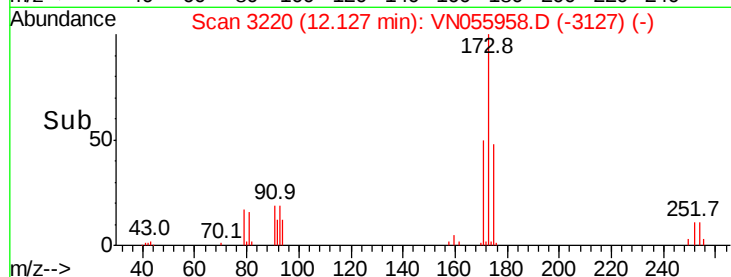
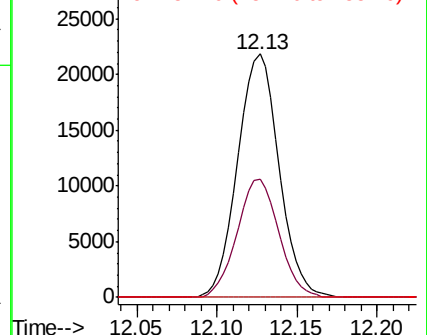
173 100

175 48.8 24.3 72.8

254 0.0 0.0 0.0



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: VN055958.D

Acq: 3 Jun 2019 13:50

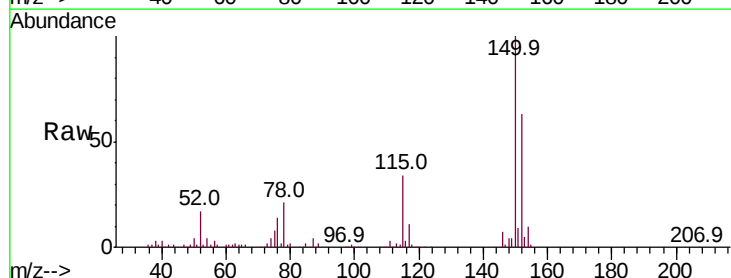
Tgt Ion:152 Resp: 157132

Ion Ratio Lower Upper

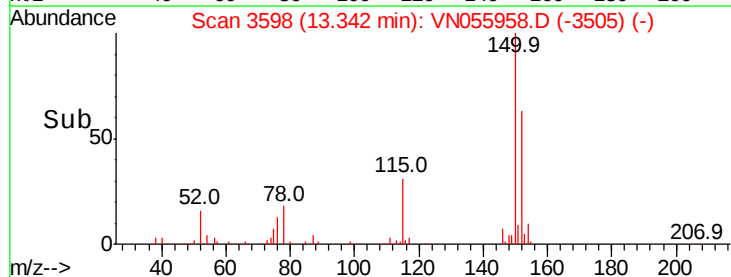
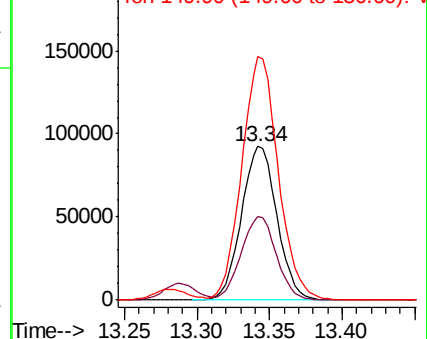
152 100

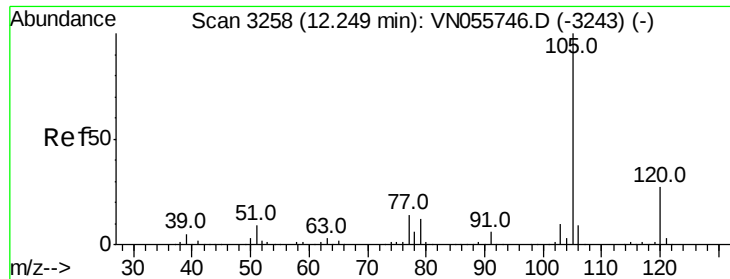
115 54.2 27.0 81.0

150 163.0 0.0 343.2



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: 22.635 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

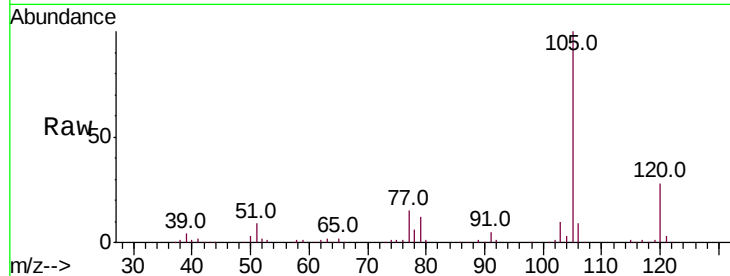
ClientSampleId :

Tot Ion:105 Resp: 269311

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

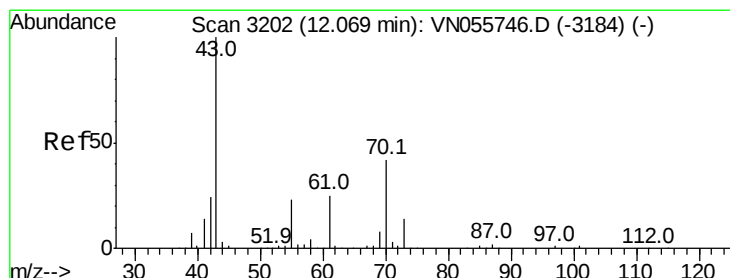
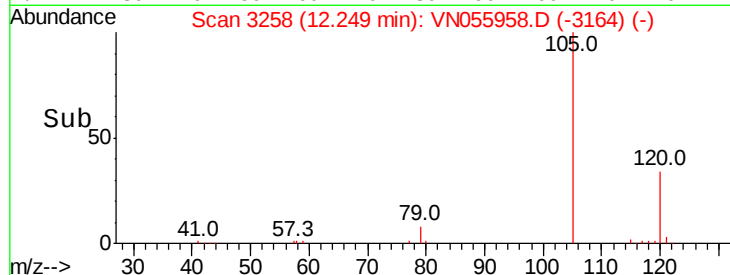
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.000 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Tgt Ion: 43 Resp: 94979

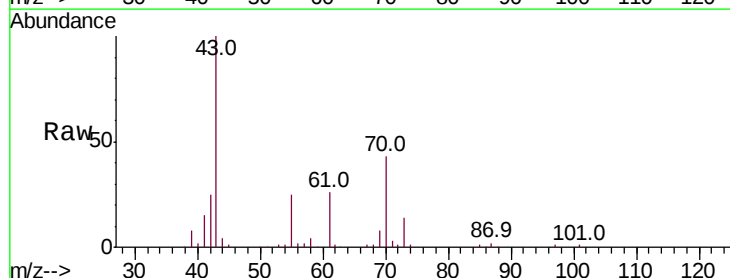
Ion Ratio Lower Upper

43 100

70 43.3 34.0 51.0

55 25.5 18.6 28.0

61 25.2 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

80000

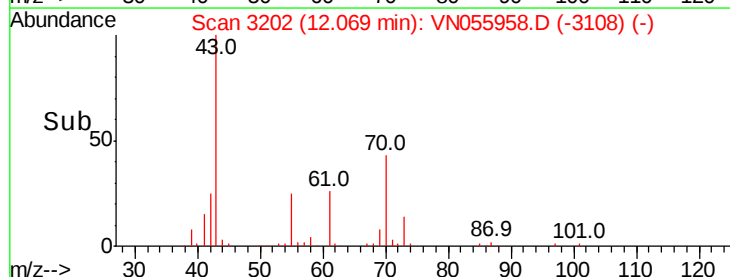
60000

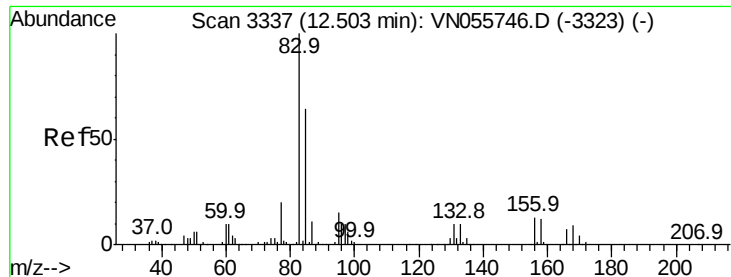
40000

20000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 23.179 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

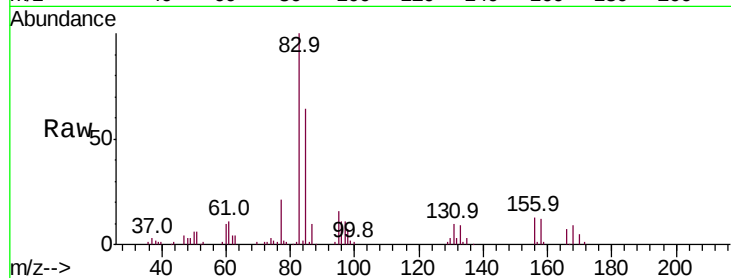
Tot Ion: 83 Resp: 82613

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.4	16.2
85	65.1	32.4	97.0

83 100

131 10.2 5.4 16.2

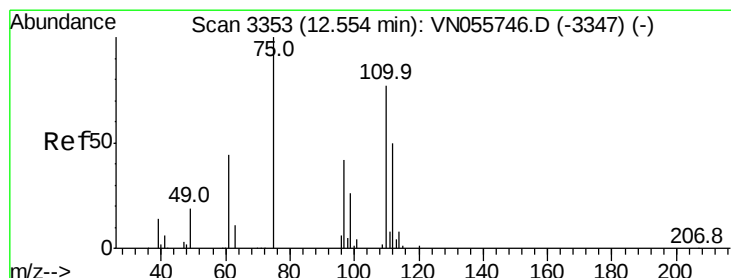
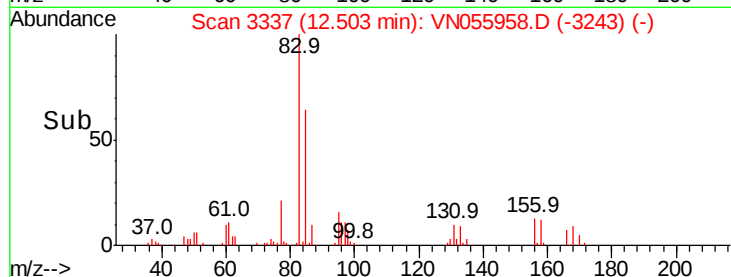
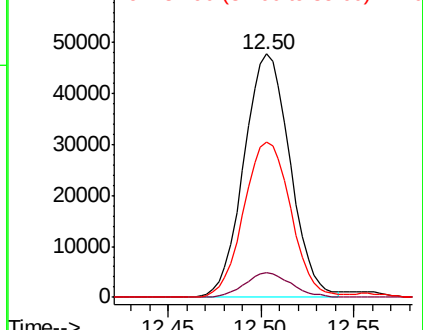
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 34.359 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055958.D

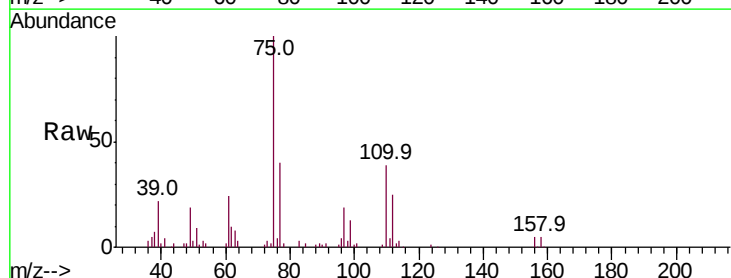
Acq: 3 Jun 2019 13:50

Tgt Ion: 75 Resp: 95628

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

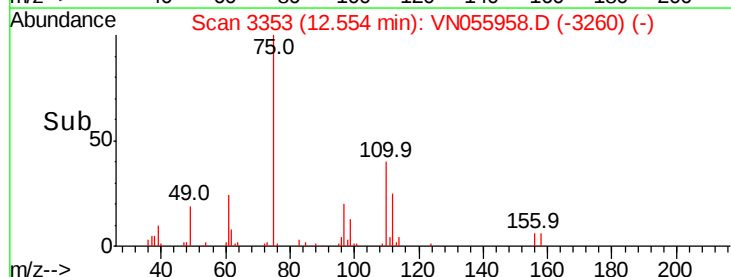
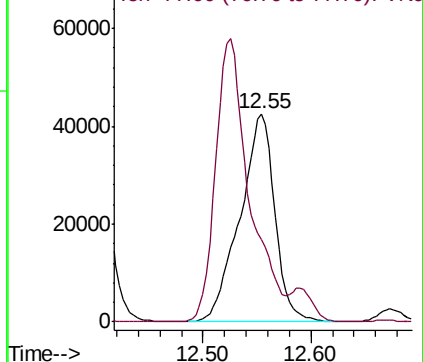
75 100

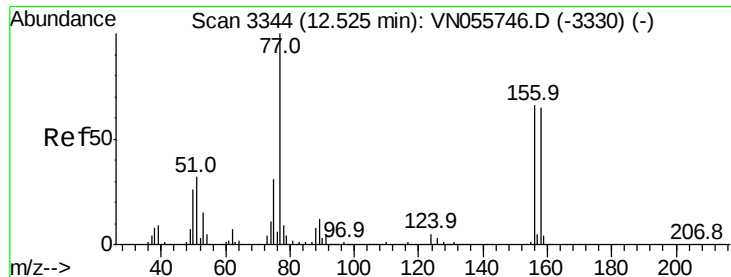
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.997 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

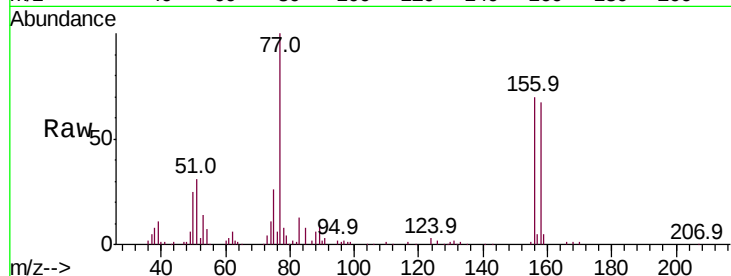
Tot Ion:156 Resp: 70404

Ion Ratio Lower Upper

156 100

77 178.9 90.8 272.5

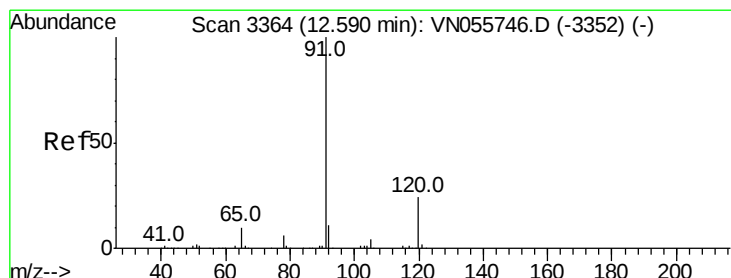
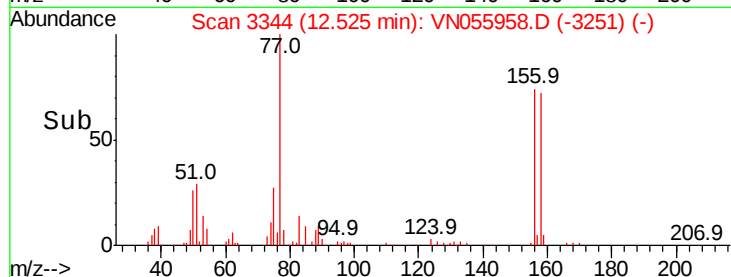
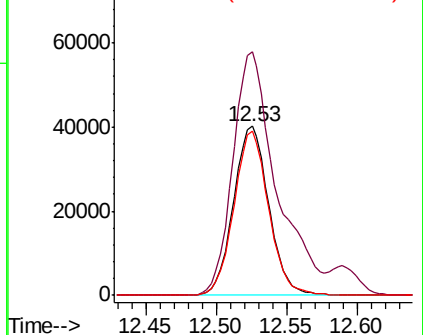
158 95.5 49.3 147.8



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: 20.242 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055958.D

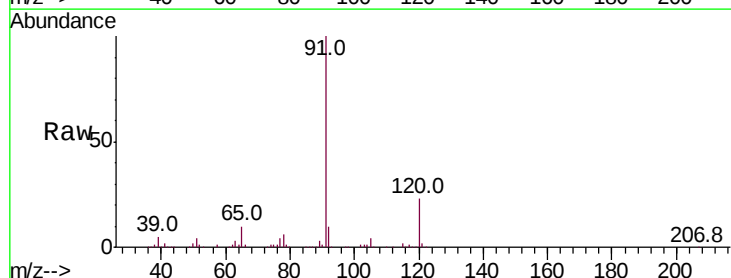
Acq: 3 Jun 2019 13:50

Tgt Ion: 91 Resp: 276441

Ion Ratio Lower Upper

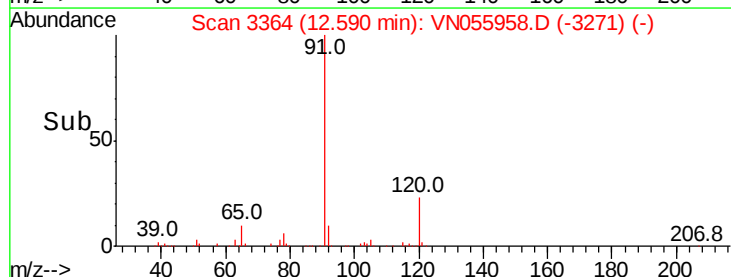
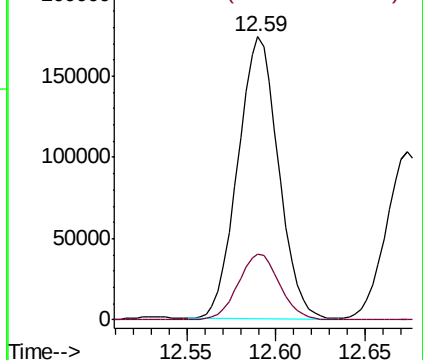
91 100

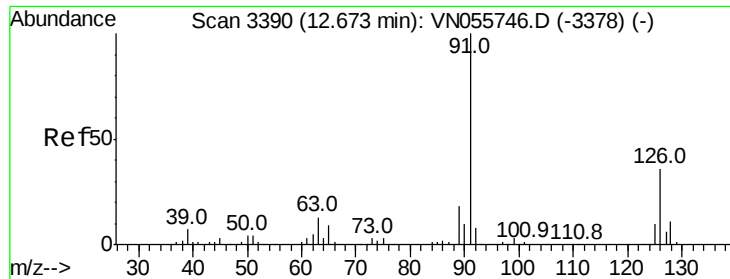
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

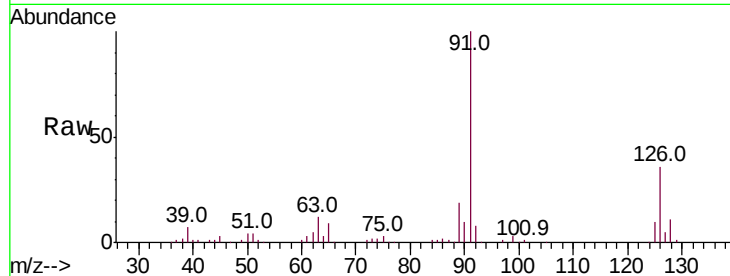




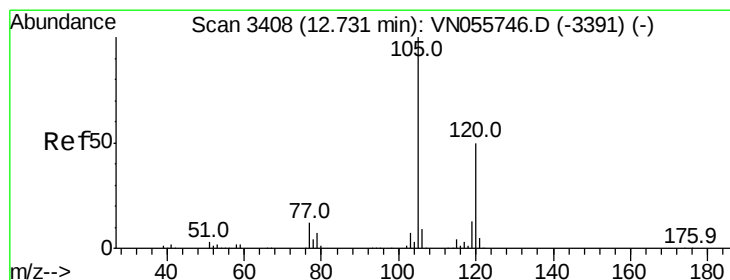
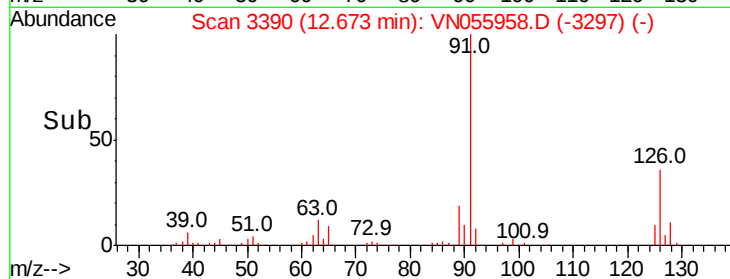
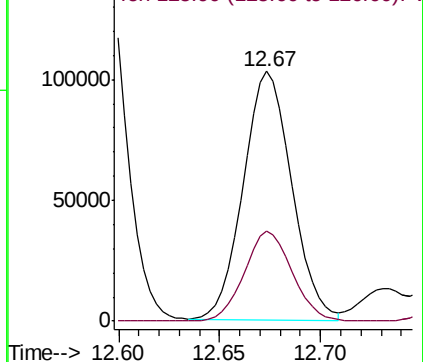
#79
2-Chlorotoluene
Concen: 22.150 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 173385
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.4

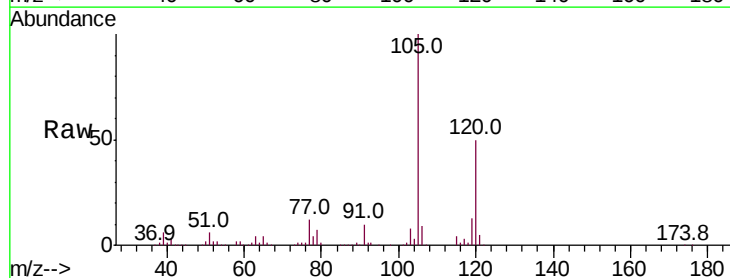


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

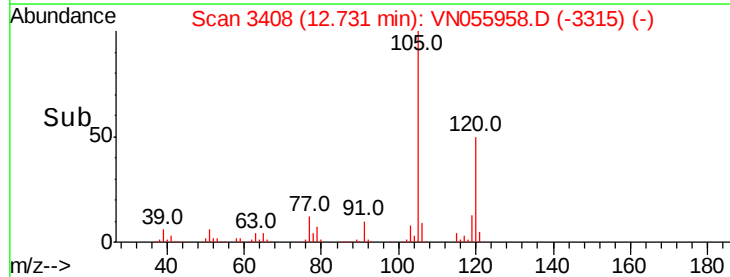
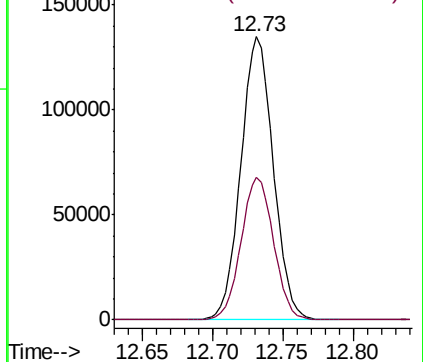


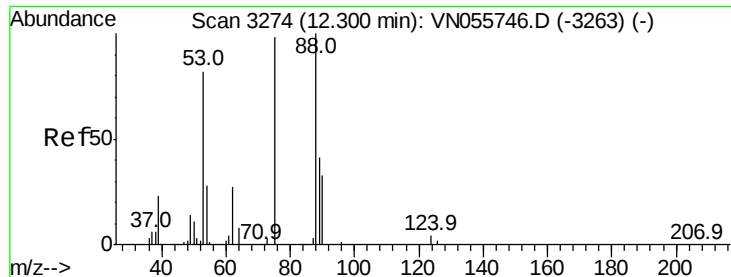
#80
1,3,5-Trimethylbenzene
Concen: 21.726 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:105 Resp: 218021
Ion Ratio Lower Upper
105 100
120 50.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)
Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)

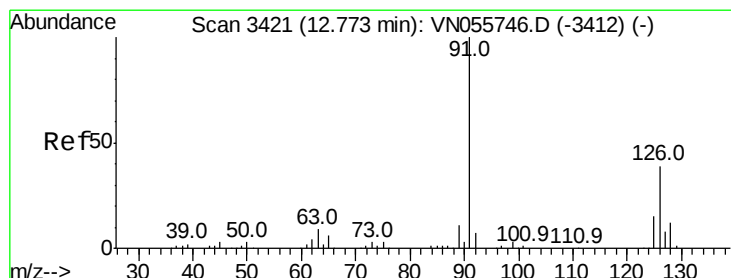
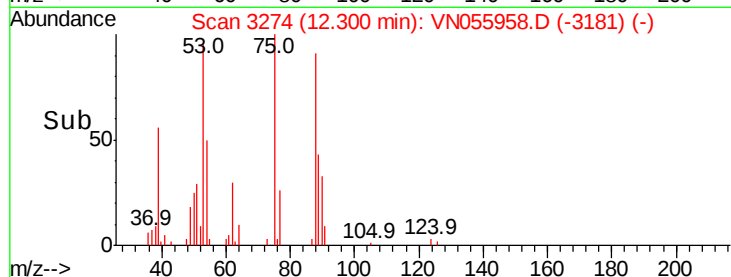
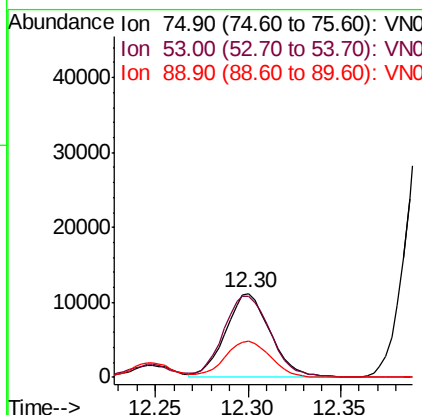
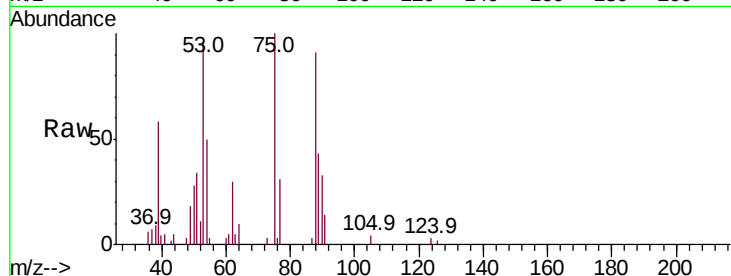




#81
trans-1,4-Dichloro-2-butene
Concen: 16.122 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

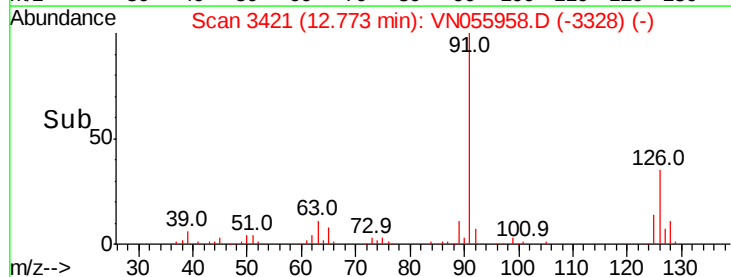
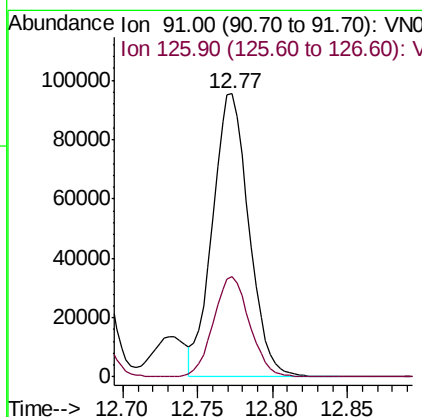
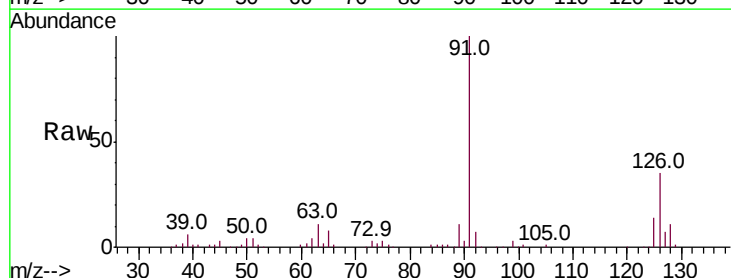
Instrument :
MSVOA_N
ClientSampleId :

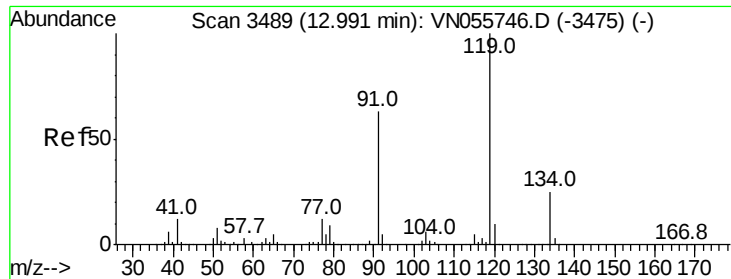
Tot Ion: 75 Resp: 18828
Ion Ratio Lower Upper
75 100
53 101.6 68.1 102.1
89 43.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.141 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 91 Resp: 161689
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.3

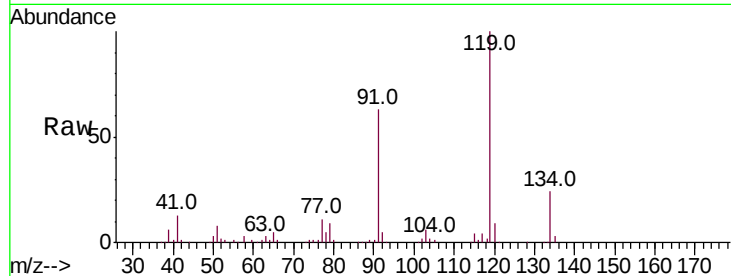




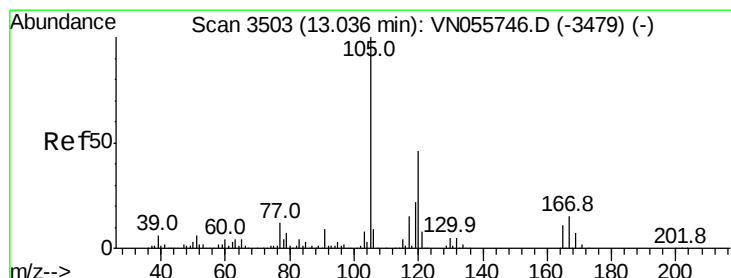
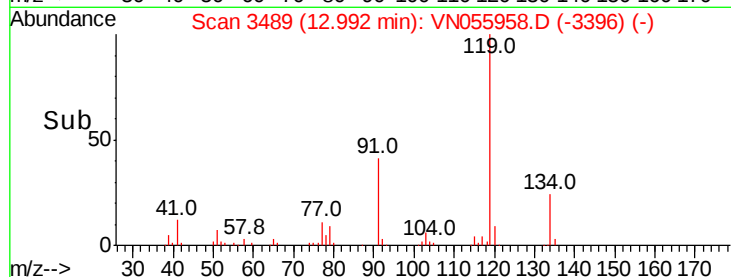
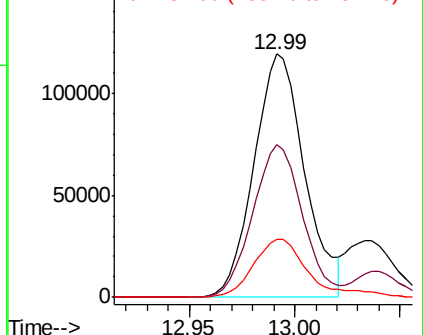
#83
tert-Butylbenzene
Concen: 22.890 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 199494
Ion Ratio Lower Upper
119 100
91 61.5 30.9 92.8
134 26.1 13.3 39.8

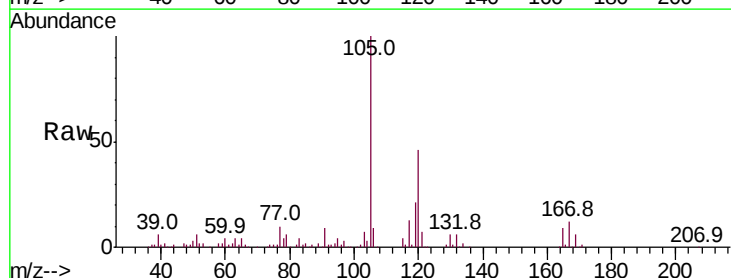


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

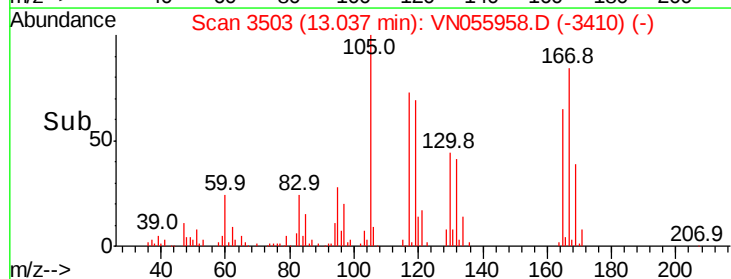
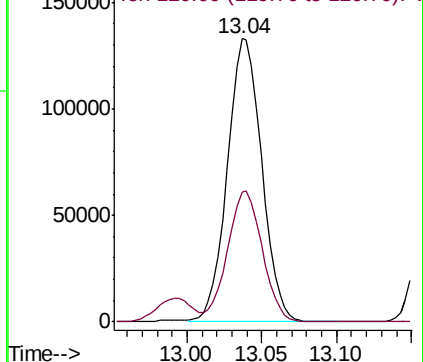


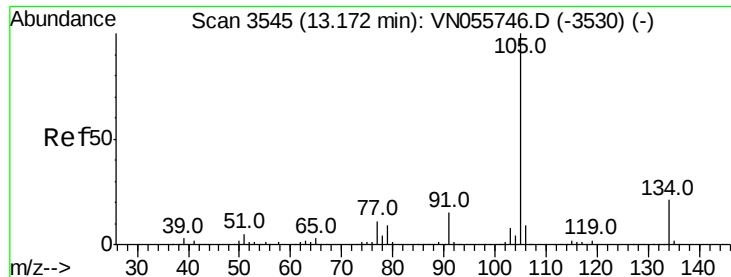
#84
1,2,4-Trimethylbenzene
Concen: 21.354 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:105 Resp: 213173
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 22.274 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

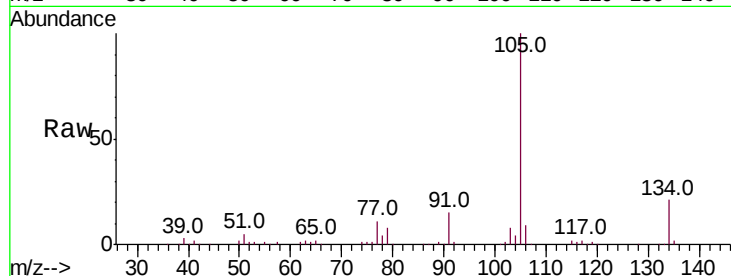
ClientSampleId :

Tot Ion:105 Resp: 249457

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

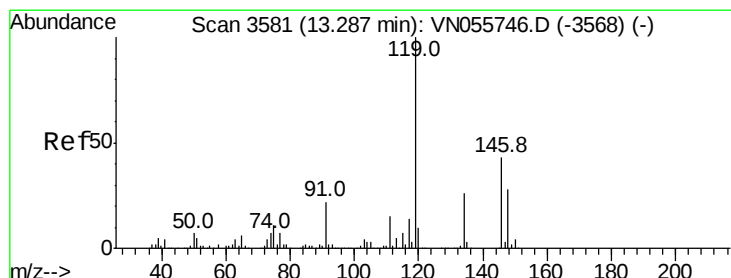
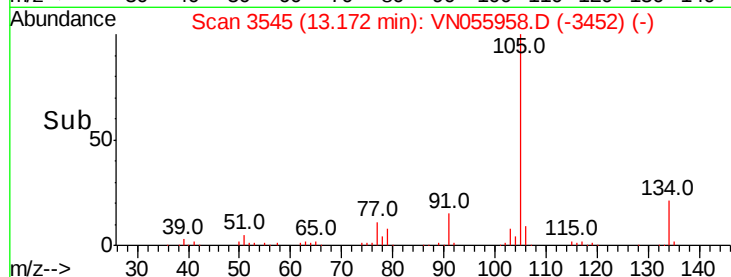
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.026 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

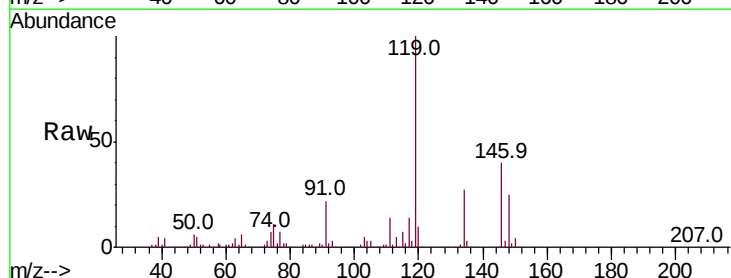
Tgt Ion:119 Resp: 218524

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.0 10.9 32.9



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

13.29

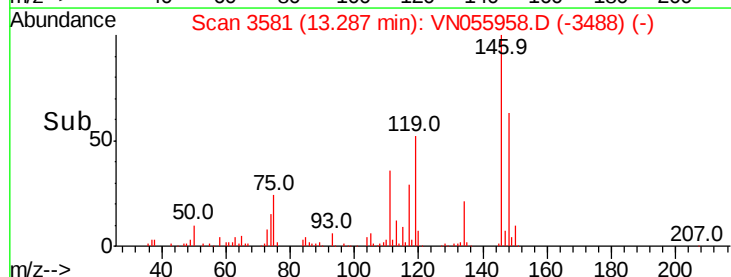
150000

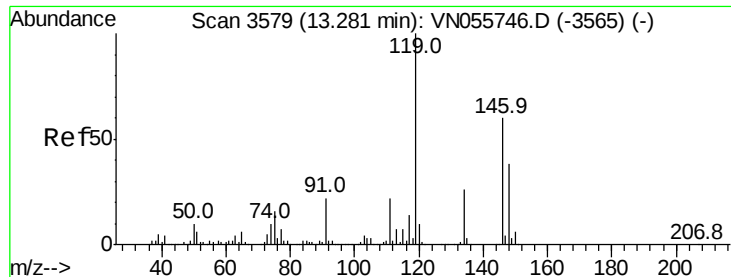
100000

50000

0

Time-->

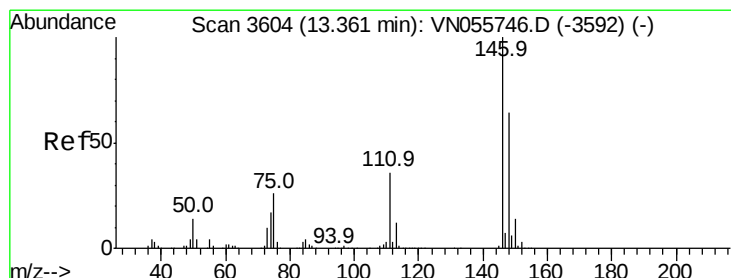
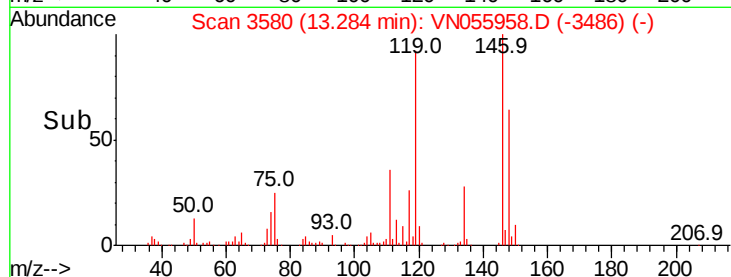
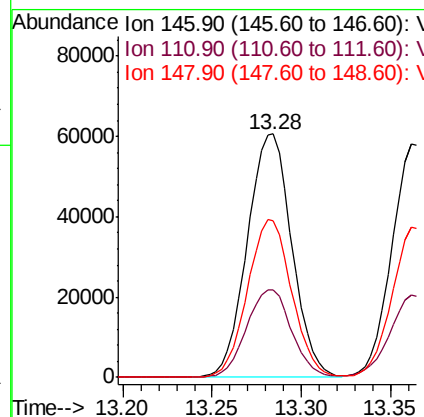
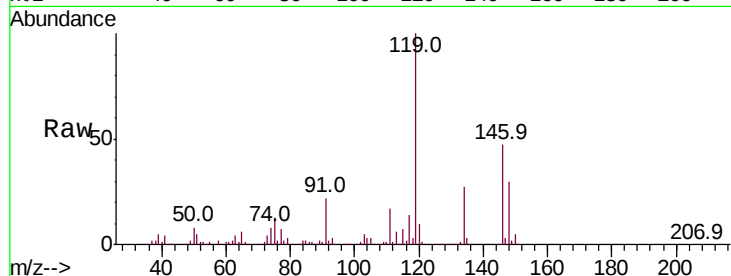




#87
 1,3-Dichlorobenzene
 Concen: 19.865 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

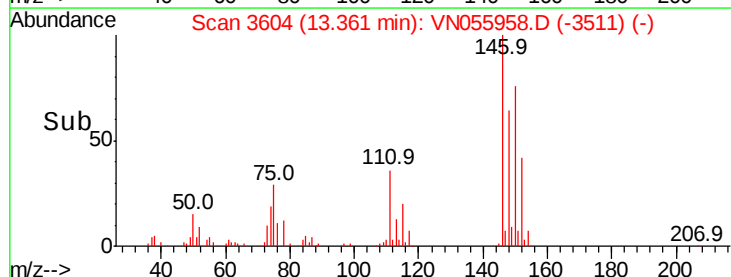
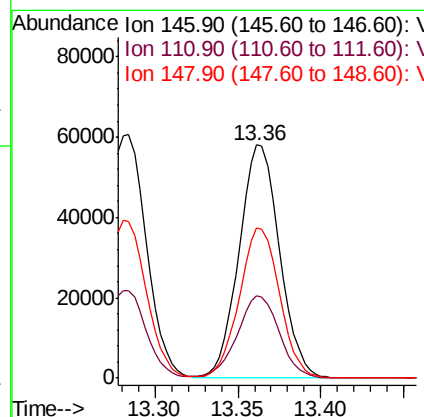
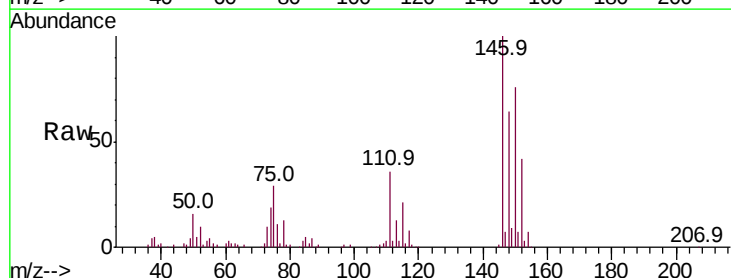
Instrument :
 MSVOA_N
 ClientSampled :

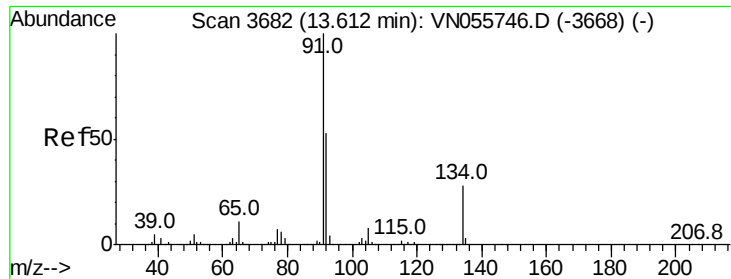
Tot Ion:146 Resp: 105470
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.5 55.5
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.565 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion:146 Resp: 98762
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.4
 148 64.1 32.1 96.5

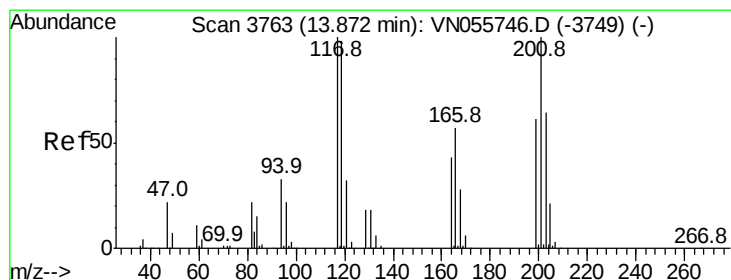
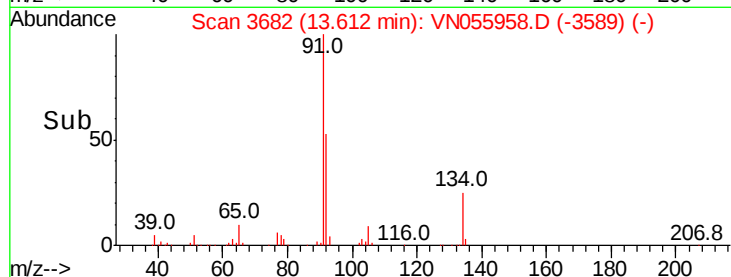
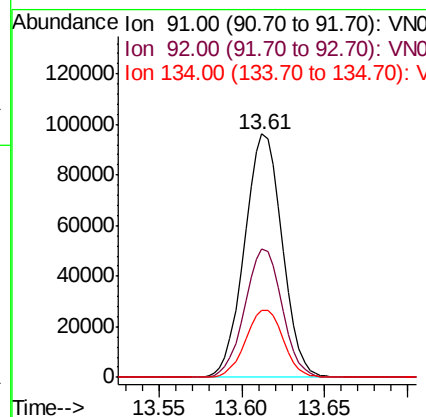
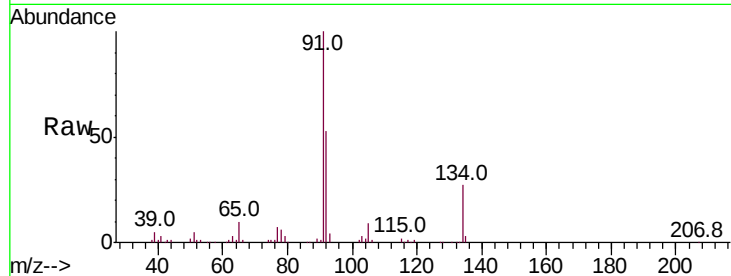




#89
n-Butylbenzene
Concen: 18.250 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

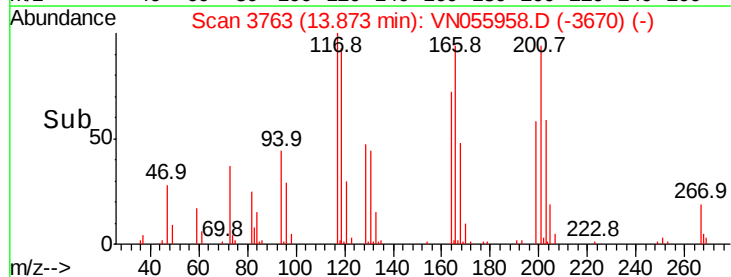
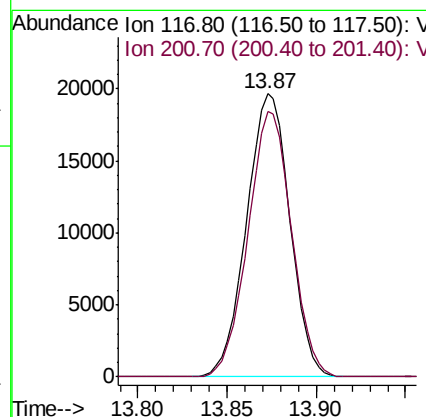
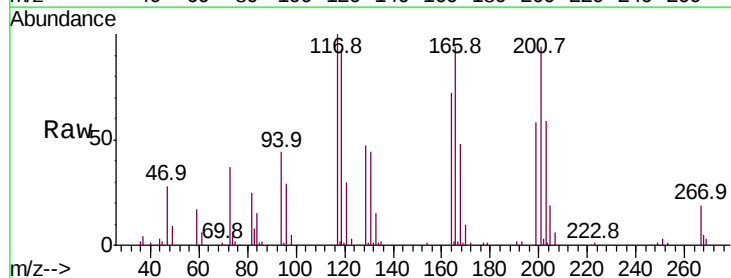
Instrument :
MSVOA_N
ClientSampled :

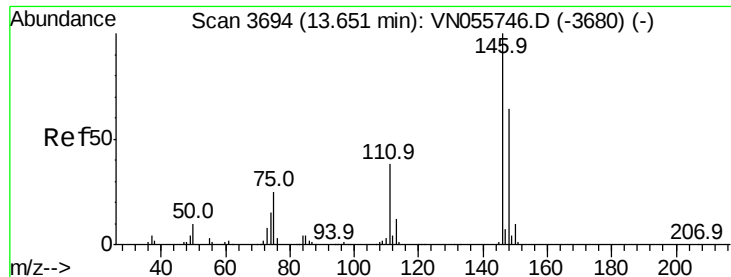
Tot Ion: 91 Resp: 152592
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 27.4 13.9 41.7



#90
Hexachloroethane
Concen: 16.057 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 117 Resp: 33350
Ion Ratio Lower Upper
117 100
201 93.8 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.330 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

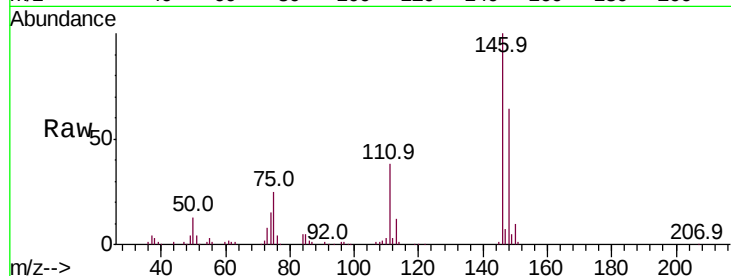
Tot Ion:146 Resp: 107690

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

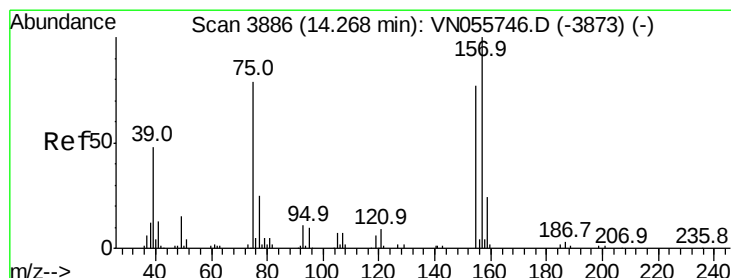
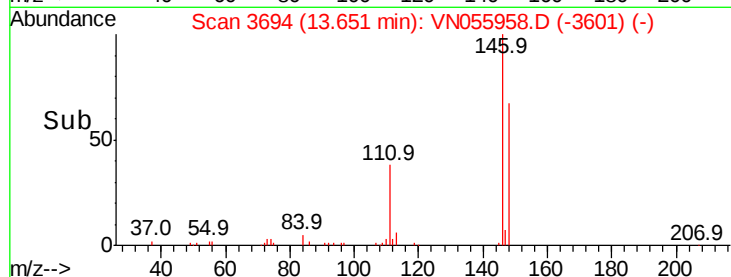
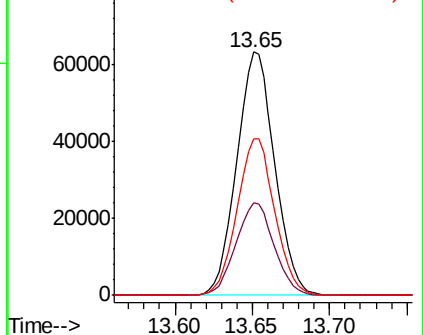
148 63.9 31.9 95.9



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: 16.808 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055958.D

Acq: 3 Jun 2019 13:50

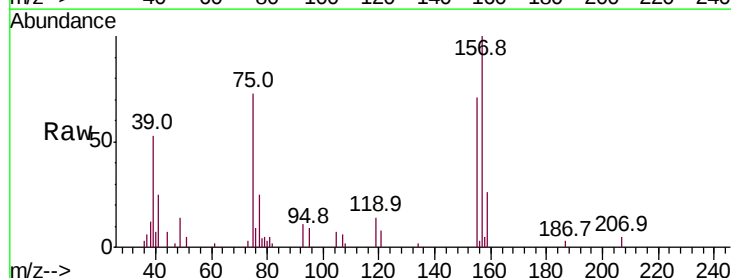
Tgt Ion: 75 Resp: 11702

Ion Ratio Lower Upper

75 100

155 100.5 50.0 150.1

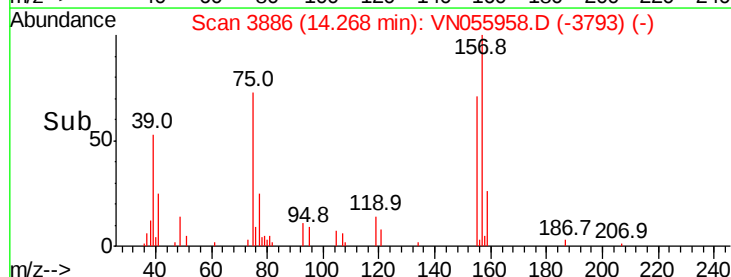
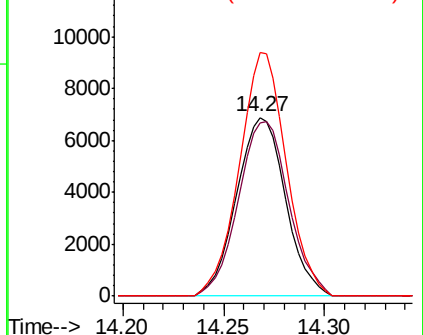
157 130.7 64.8 194.3

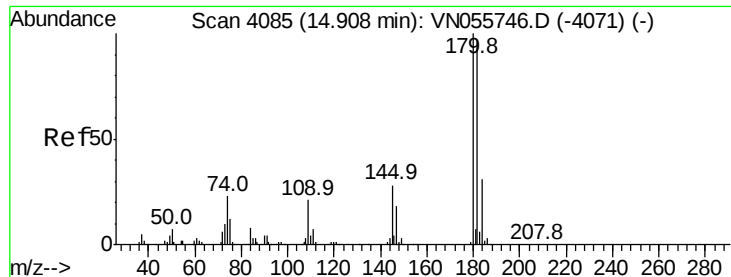


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

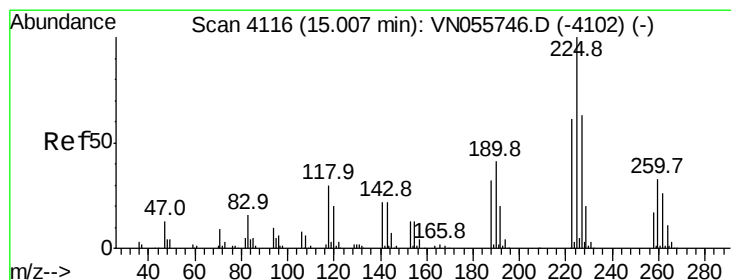
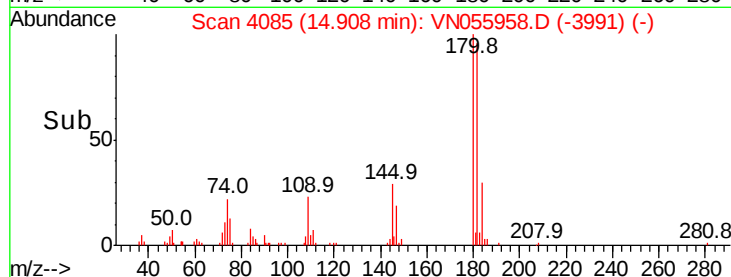
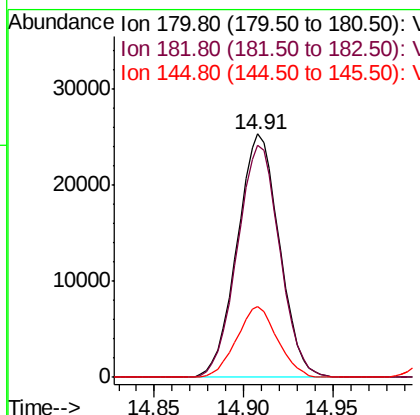
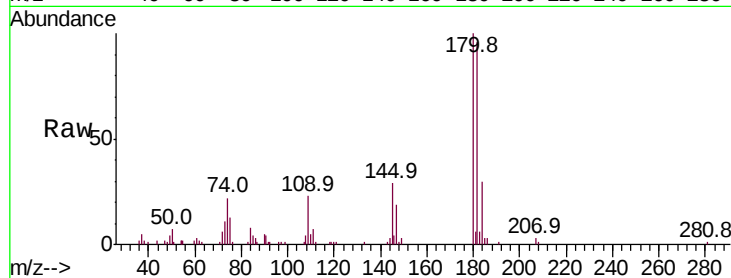




#93
 1,2,4-Trichlorobenzene
 Concen: 16.372 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

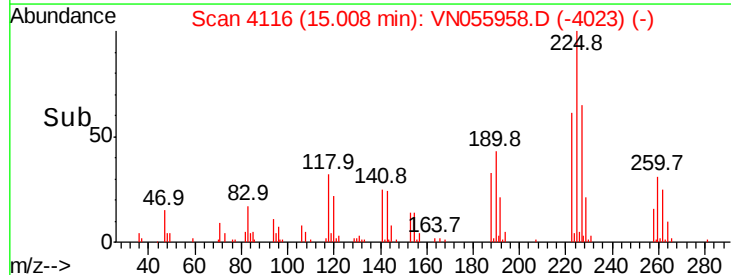
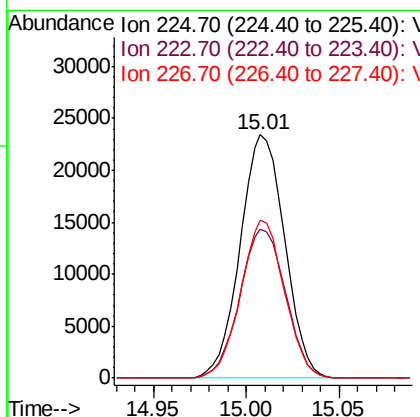
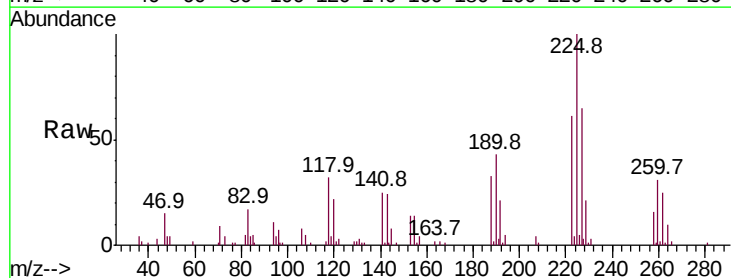
Instrument :
 MSVOA_N
 ClientSampleId :

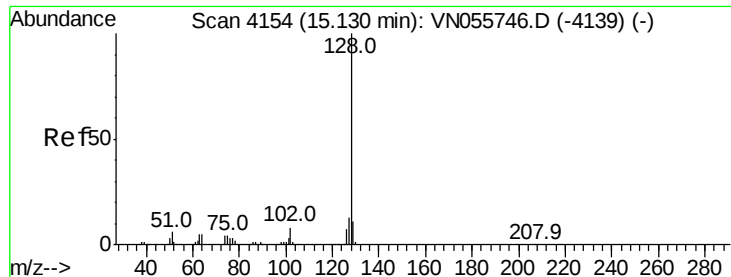
Tot Ion:180 Resp: 41856
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.9
 145 28.1 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 19.822 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055958.D
 Acq: 3 Jun 2019 13:50

Tgt Ion:225 Resp: 39007
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 63.8 31.6 94.7

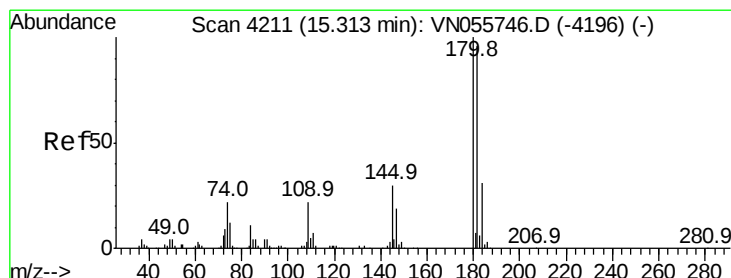
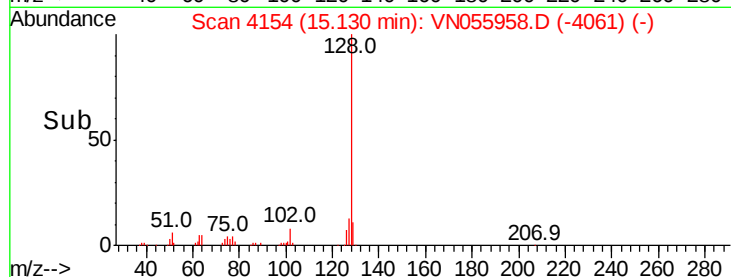
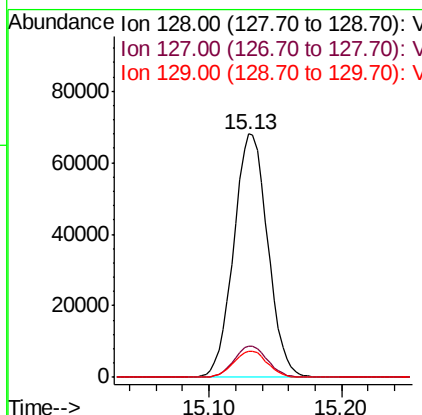
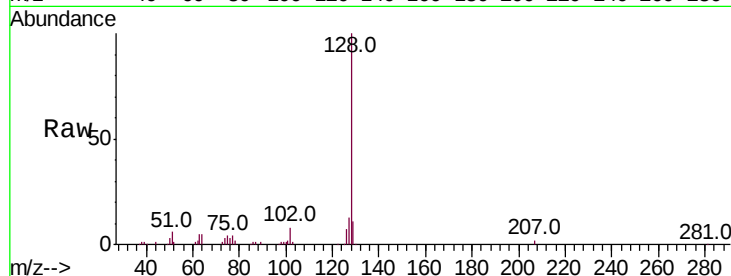




#95
Naphthalene
Concen: 16.683 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 121267
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055958.D
Acq: 3 Jun 2019 13:50

Tgt Ion:180 Resp: 49848
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.7
145 29.5 14.9 44.7

