

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055897.D
 Acq On : 30 May 2019 13:48
 Operator : JC/SP
 Sample : VN0530WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 17:14:50 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	301163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	456718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	403449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	163560	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	142441	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.09	98	539639	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	178739	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	37627	18.564	ug/l	99
3) Chloromethane	2.06	50	54671	19.252	ug/l	100
4) Vinyl Chloride	2.18	62	58723	19.387	ug/l	100
5) Bromomethane	2.53	94	38518	20.327	ug/l	99
6) Chloroethane	2.68	64	37614	20.626	ug/l	97
7) Trichlorofluoromethane	3.00	101	80019	20.151	ug/l	99
8) Diethyl Ether	3.40	74	36095	20.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	50994	20.572	ug/l	96
10) Methyl Iodide	3.94	142	70954	19.578	ug/l	99
11) Tert butyl alcohol	4.82	59	65353	109.976	ug/l	98
12) 1,1-Dichloroethene	3.72	96	49847	19.462	ug/l	97
13) Acrolein	3.60	56	30201	70.976	ug/l	98
14) Allyl chloride	4.31	41	84235	19.184	ug/l	97
15) Acrylonitrile	4.99	53	146309	107.221	ug/l	99
16) Acetone	3.82	43	131279	96.023	ug/l	98
17) Carbon Disulfide	4.04	76	113844	15.644	ug/l	100
18) Methyl Acetate	4.33	43	67347	23.562	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	176950	20.714	ug/l	98
20) Methylene Chloride	4.54	84	60480	20.427	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	54259	19.718	ug/l	99
22) Diisopropyl ether	5.95	45	178386	20.888	ug/l	96
23) Vinyl Acetate	5.90	43	739703	101.023	ug/l	99
24) 1,1-Dichloroethane	5.84	63	100767	20.266	ug/l	99
25) 2-Butanone	6.84	43	198117	103.761	ug/l	100
26) 2,2-Dichloropropane	6.82	77	74474	17.306	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	66528	20.723	ug/l	98
28) Bromochloromethane	7.19	49	49492	20.906	ug/l	98
29) Tetrahydrofuran	7.22	42	131097	108.422	ug/l	99
30) Chloroform	7.37	83	102315	20.633	ug/l	99
31) Cyclohexane	7.65	56	93072	19.937	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	86348	19.514	ug/l	99
36) 1,1-Dichloropropene	7.79	75	74149	18.630	ug/l	98
37) Ethyl Acetate	6.93	43	77295	20.093	ug/l	100
38) Carbon Tetrachloride	7.77	117	73084	17.628	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	89718	18.203	ug/l	98
40) Benzene	8.04	78	236602	19.725	ug/l	99
41) Methacrylonitrile	7.22	41	115748	59.559	ug/l #	19
42) 1,2-Dichloroethane	8.12	62	78940	20.140	ug/l	100
43) Isopropyl Acetate	8.17	43	123410	19.094	ug/l #	92
44) Trichloroethene	8.83	130	65172	19.489	ug/l	98
45) 1,2-Dichloropropane	9.12	63	61840	19.787	ug/l	94
46) Dibromomethane	9.21	93	41314	20.157	ug/l	97
47) Bromodichloromethane	9.40	83	78243	18.617	ug/l	99
48) Methyl methacrylate	9.20	41	61223	20.553	ug/l	99
49) 1,4-Dioxane	9.20	88	25698	415.147	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	390763	102.369	ug/l	100
52) Toluene	10.16	92	147669	19.574	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	78674	17.537	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	91337	18.379	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	60683	20.079	ug/l	100
56) Ethyl methacrylate	10.43	69	89687	19.201	ug/l	97
57) 1,3-Dichloropropane	10.71	76	98227	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	162965	91.297	ug/l	99
59) 2-Hexanone	10.75	43	269445	99.501	ug/l	99
60) Dibromochloromethane	10.90	129	60901	17.298	ug/l	99
61) 1,2-Dibromoethane	11.00	107	62074	19.801	ug/l	99
64) Tetrachloroethene	10.63	164	64922	19.079	ug/l	99
65) Chlorobenzene	11.43	112	156824	19.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	57953	17.991	ug/l	99
67) Ethyl Benzene	11.51	91	278382	19.220	ug/l	98
68) m/p-Xylenes	11.62	106	210540	38.451	ug/l	99
69) o-Xylene	11.95	106	104330	19.205	ug/l	99
70) Styrene	11.96	104	169577	19.276	ug/l	99
71) Bromoform	12.13	173	42413	15.436	ug/l #	100
73) Isopropylbenzene	12.25	105	276921	22.569	ug/l	100
74) N-amyl acetate	12.07	43	100864	21.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	84510	22.973	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	99278	34.624	ug/l #	100
77) Bromobenzene	12.53	156	72053	20.844	ug/l	99
78) n-propylbenzene	12.59	91	288281	20.476	ug/l	100
79) 2-Chlorotoluene	12.67	91	181178	22.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	226393	21.903	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20389	16.935	ug/l	89
82) 4-Chlorotoluene	12.77	91	168334	20.340	ug/l	99
83) tert-Butylbenzene	12.99	119	201745	22.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	219344	21.308	ug/l	100
85) sec-Butylbenzene	13.17	105	253495	21.920	ug/l	99
86) p-Isopropyltoluene	13.29	119	226025	20.092	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	107867	19.707	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	103051	19.803	ug/l	99
89) n-Butylbenzene	13.61	91	161749	18.765	ug/l	100
90) Hexachloroethane	13.87	117	36962	17.262	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	110599	20.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13497	18.804	ug/l	94

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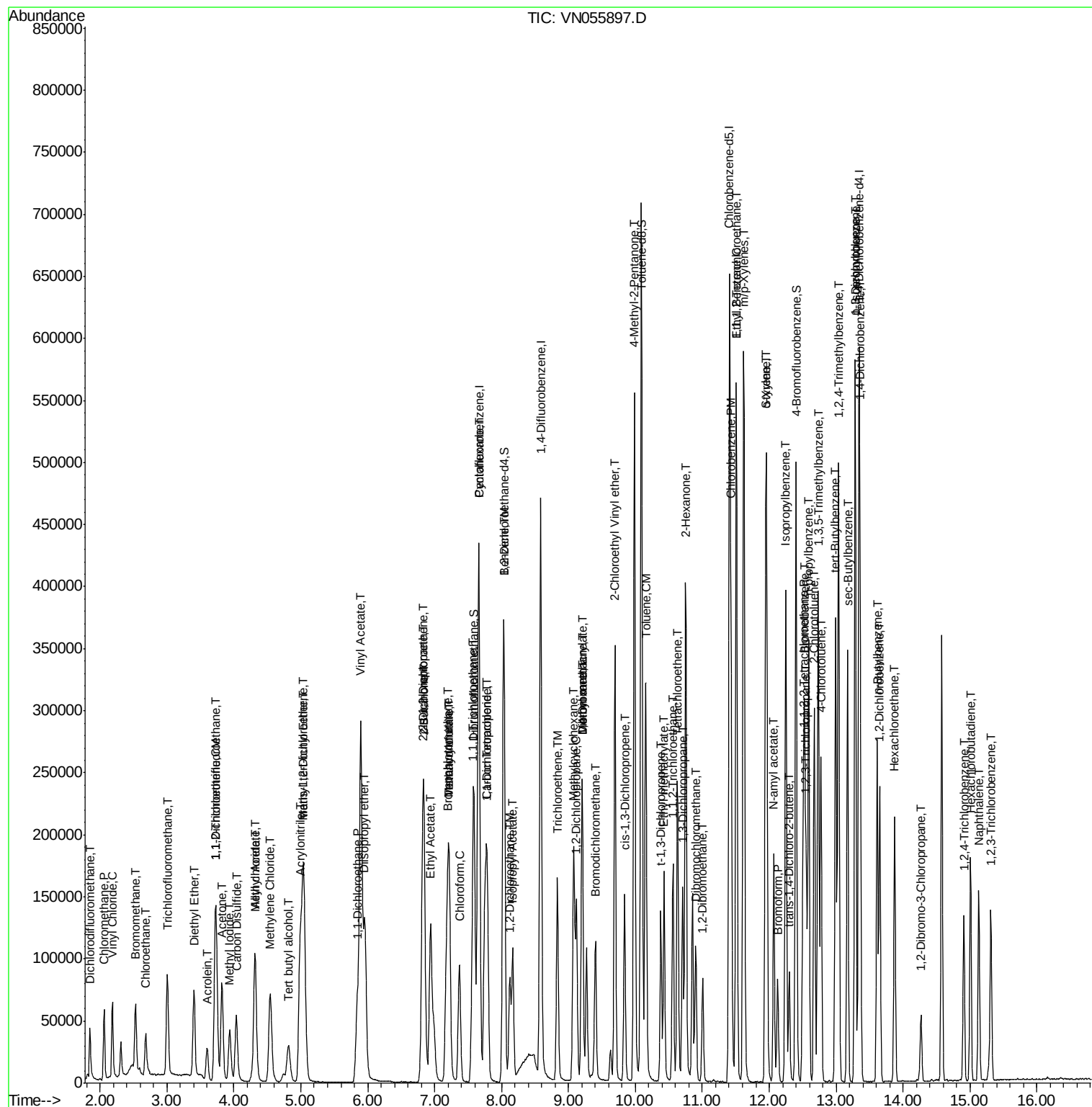
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46659	17.407	ug/l	99
94) Hexachlorobutadiene	15.01	225	39308	19.333	ug/l	99
95) Naphthalene	15.13	128	138652	18.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	52234	18.095	ug/l	100

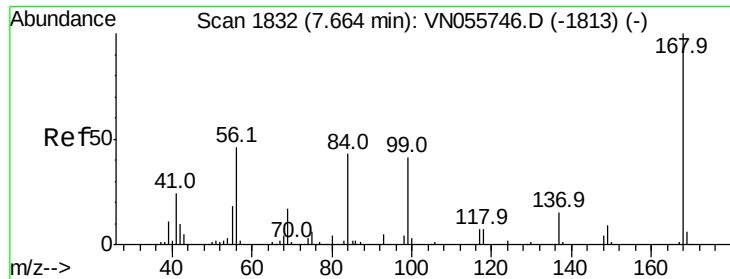
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053019\
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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: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

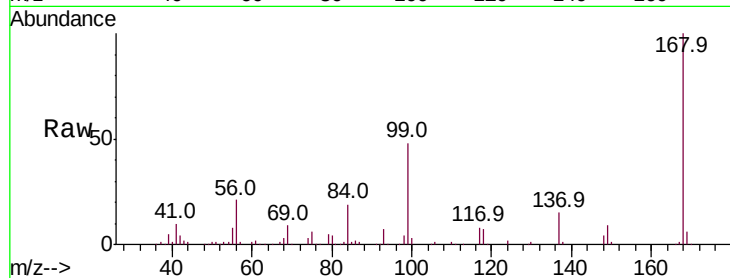
ClientSampleId :

Tot Ion:168 Resp: 301163

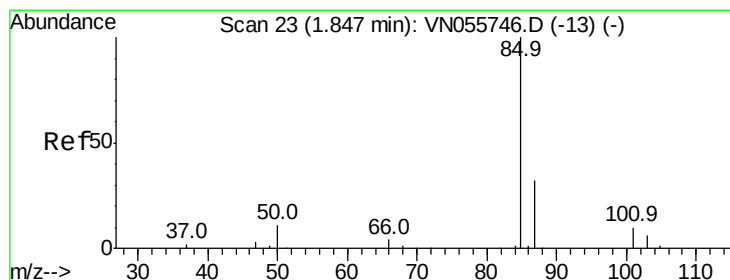
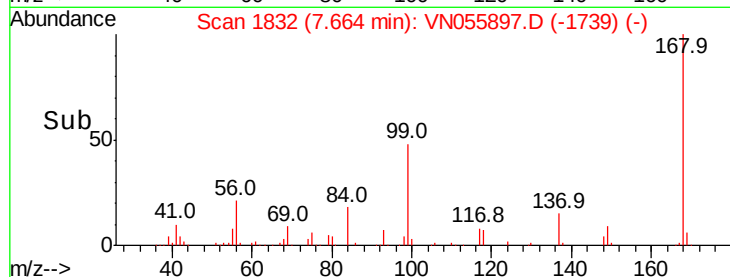
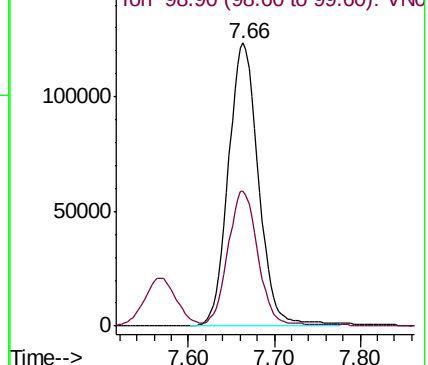
Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)



#2

Dichlorodifluoromethane

Concen: 18.564 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055897.D

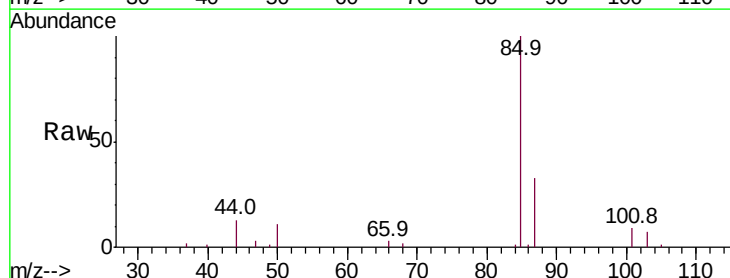
Acq: 30 May 2019 13:48

Tgt Ion: 85 Resp: 37627

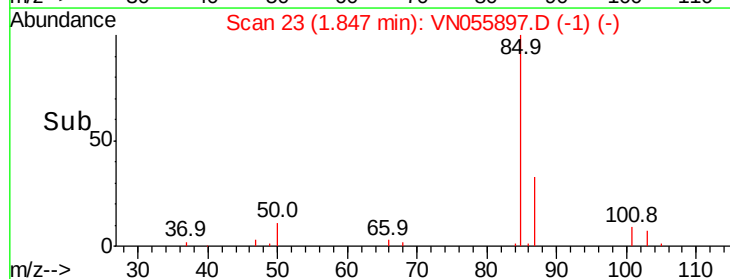
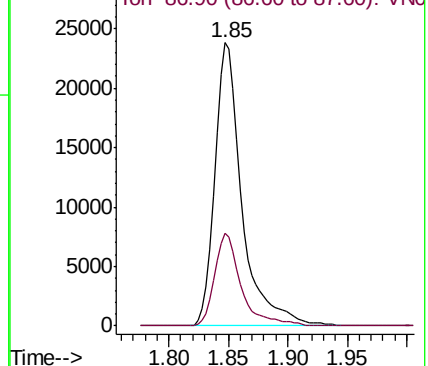
Ion Ratio Lower Upper

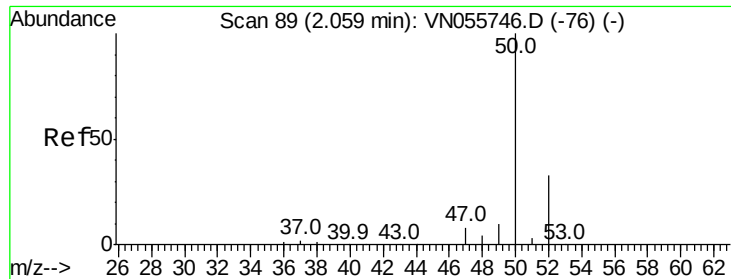
85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055746.D (-13) (-)

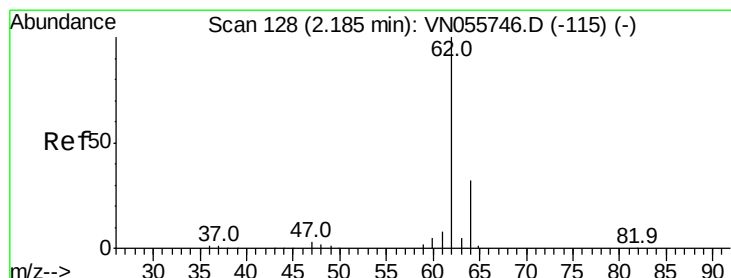
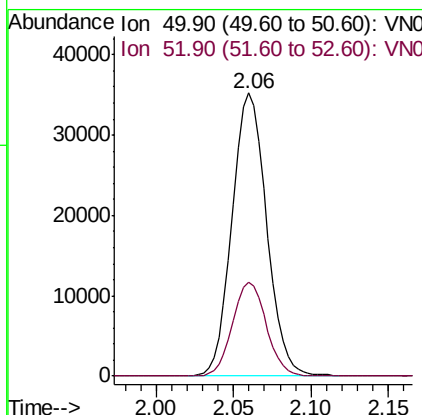
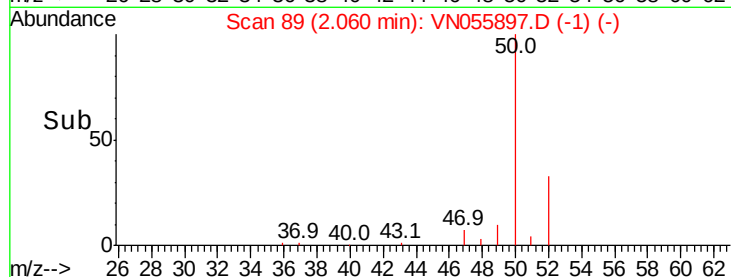
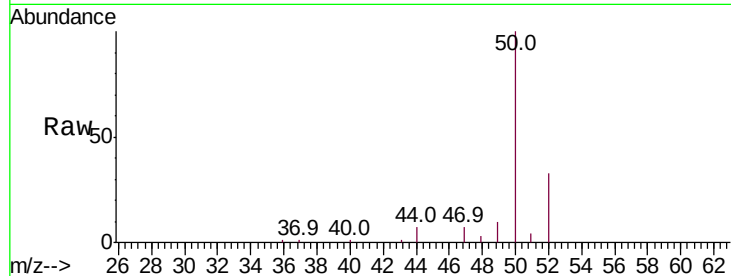




#3
 Chloromethane
 Concen: 19.252 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

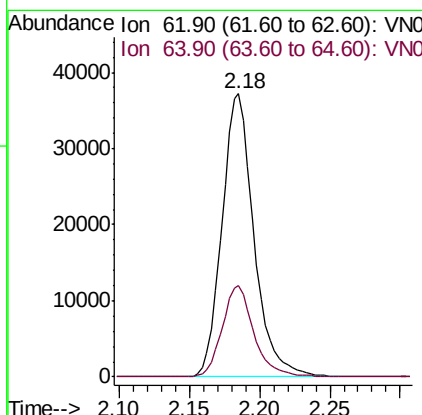
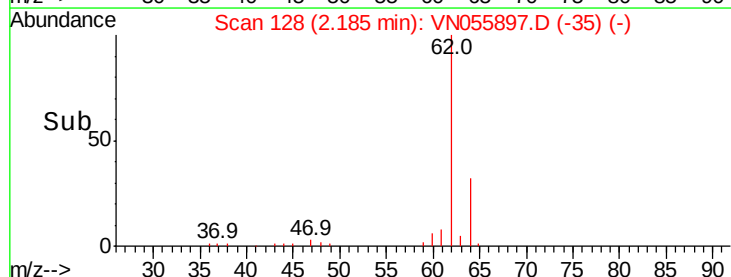
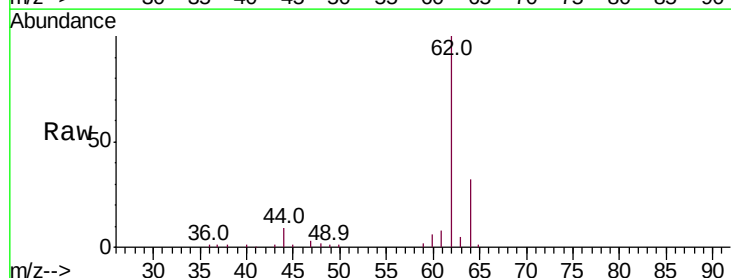
Instrument :
 MSVOA_N
 ClientSampleId :

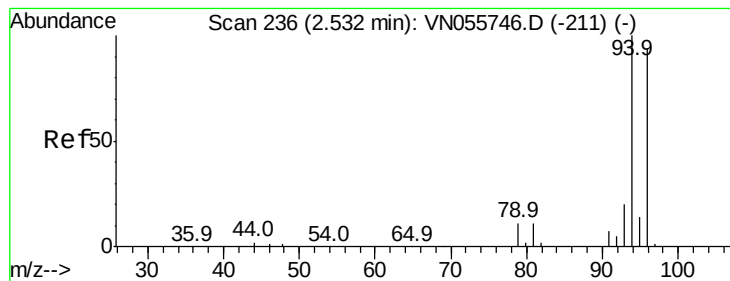
Tot Ion: 50 Resp: 54671
 Ion Ratio Lower Upper
 50 100
 52 33.4 26.6 40.0



#4
 Vinyl Chloride
 Concen: 19.387 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 62 Resp: 58723
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.6 38.4





#5

Bromomethane

Concen: 20.327 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

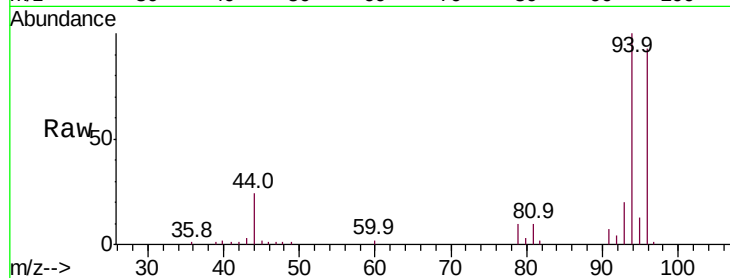
ClientSampled :

Tot Ion: 94 Resp: 38518

Ion Ratio Lower Upper

94 100

96 93.3 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

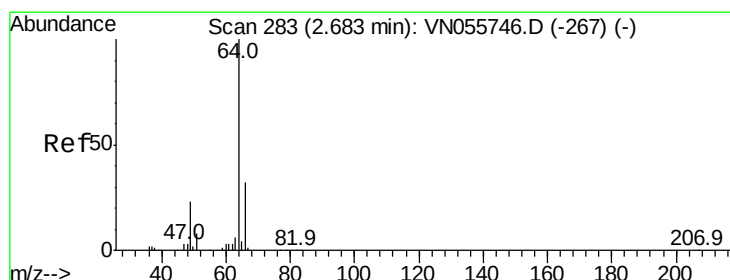
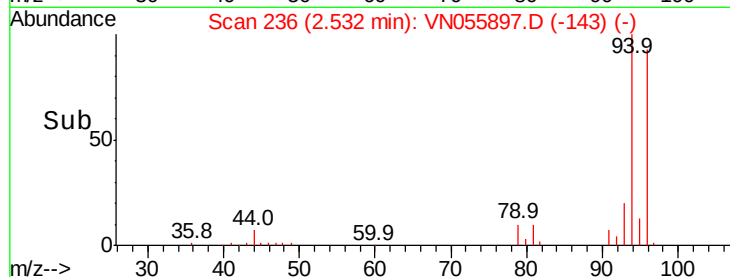
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 20.626 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN055897.D

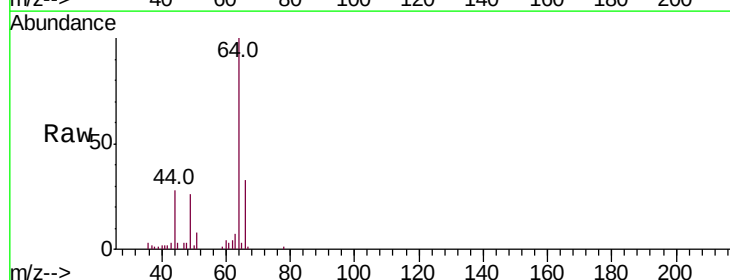
Acq: 30 May 2019 13:48

Tgt Ion: 64 Resp: 37614

Ion Ratio Lower Upper

64 100

66 33.1 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

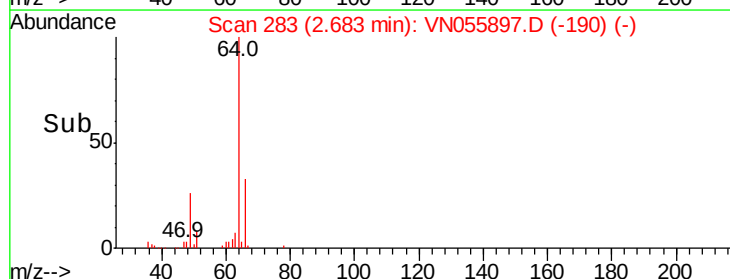
10000

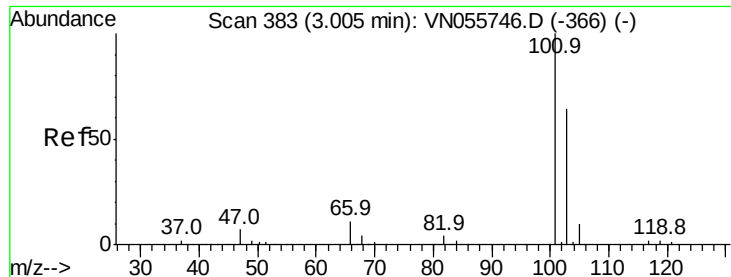
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



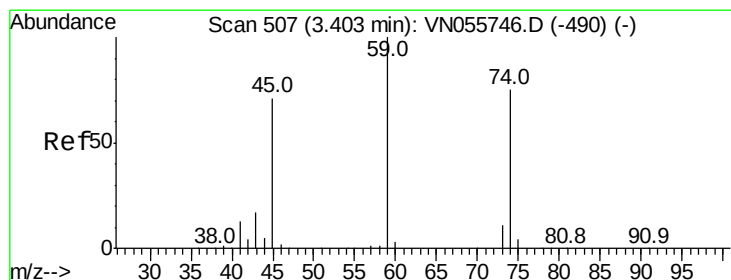
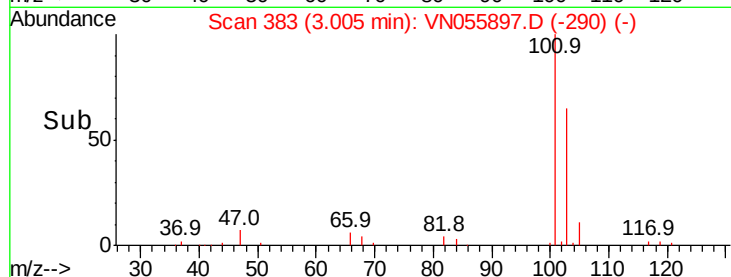
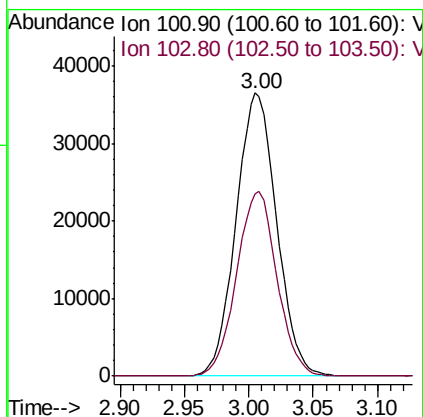
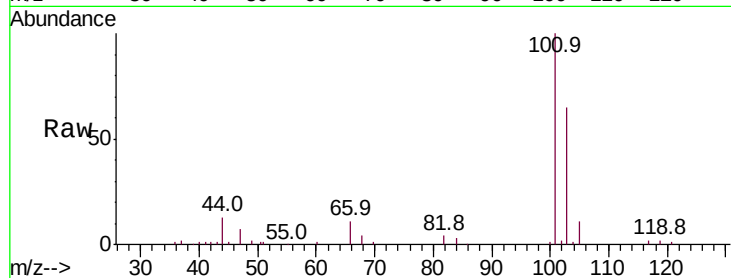


#7

Trichlorofluoromethane
 Concen: 20.151 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampled :

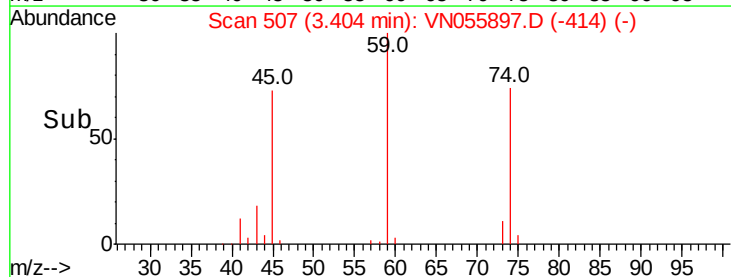
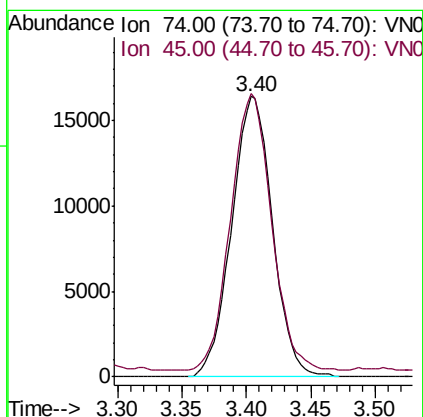
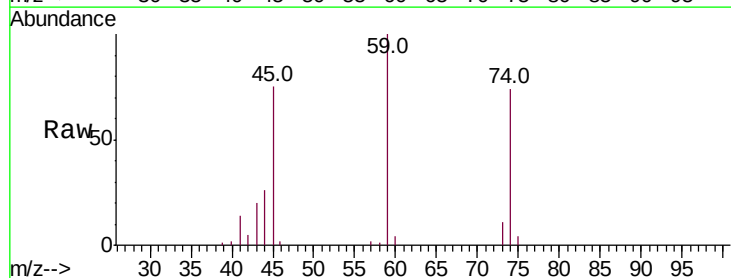
Tot Ion:101 Resp: 80019
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8

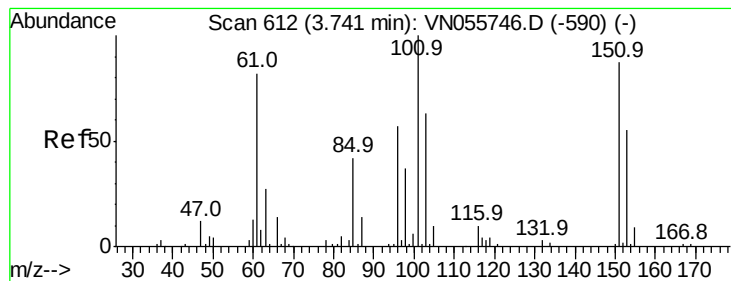


#8

Diethyl Ether
 Concen: 20.280 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 74 Resp: 36095
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.572 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

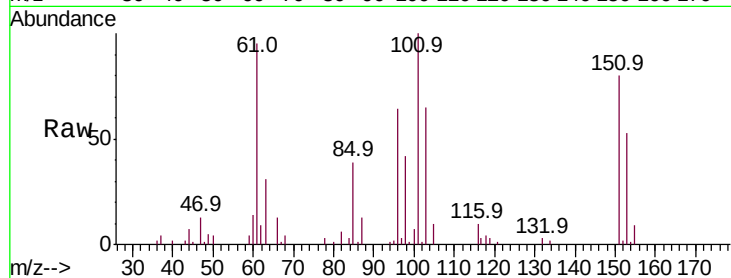
Tot Ion:101 Resp: 50994

Ion Ratio Lower Upper

101 100

85 40.9 33.4 50.2

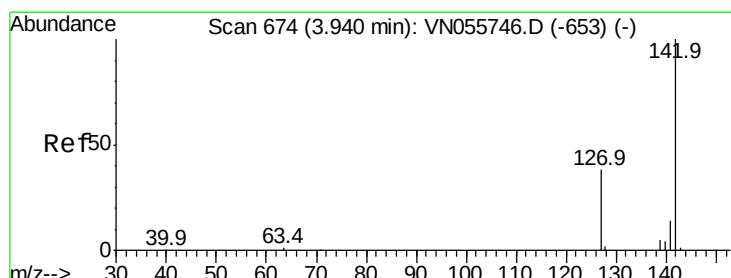
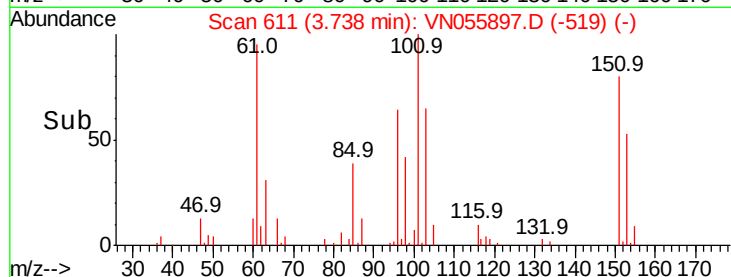
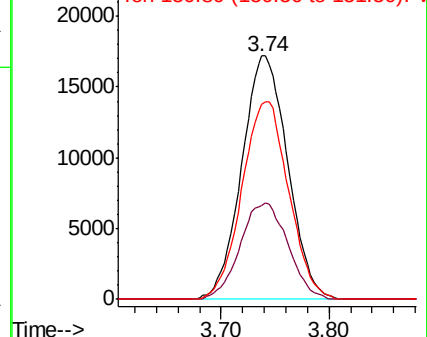
151 82.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.578 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

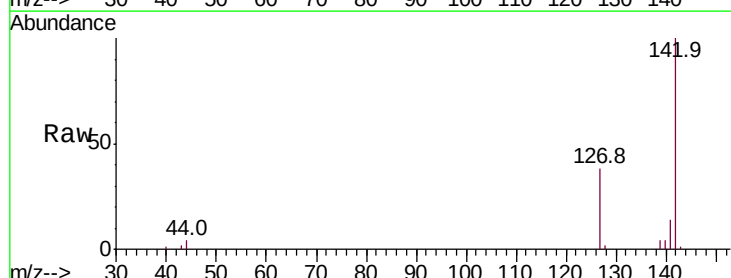
Tgt Ion:142 Resp: 70954

Ion Ratio Lower Upper

142 100

127 39.6 31.0 46.4

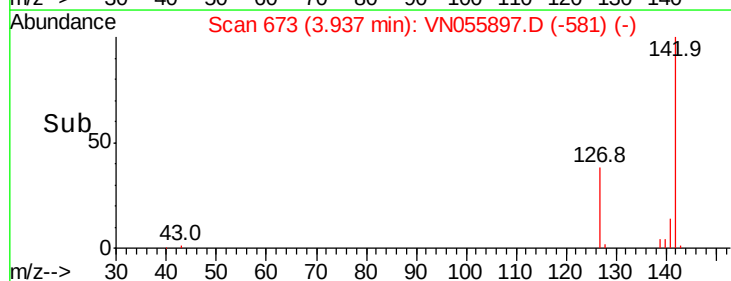
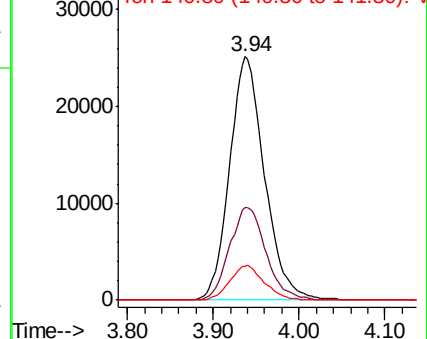
141 13.9 11.4 17.0

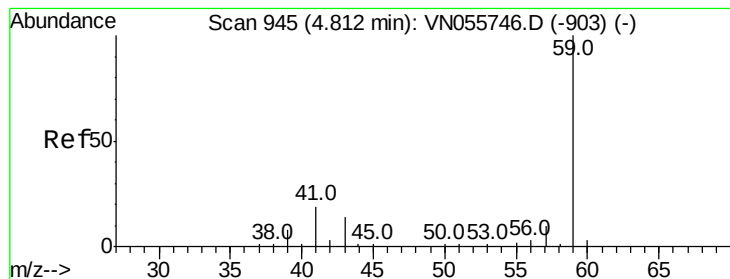


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



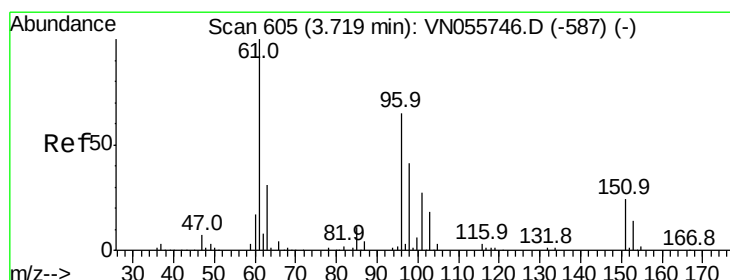
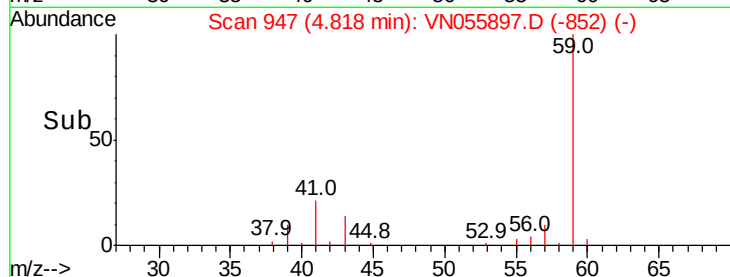
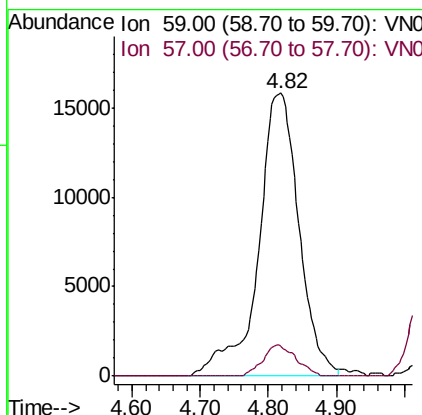
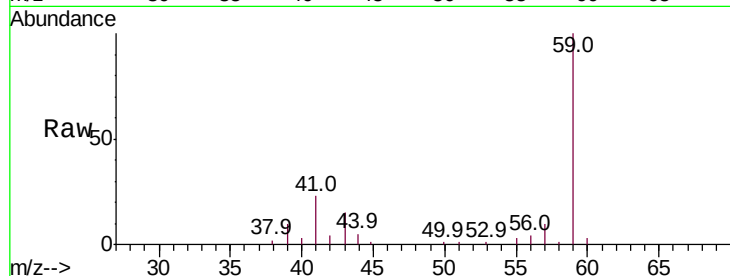


#11

Tert butyl alcohol
 Concen: 109.976 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :

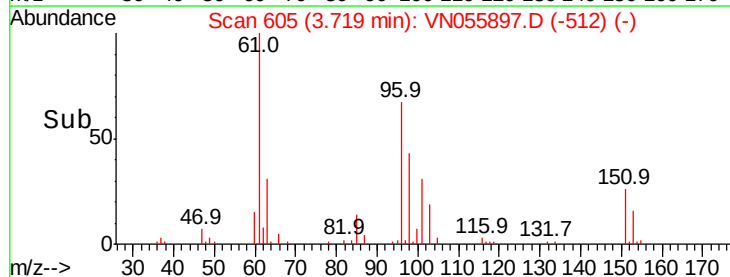
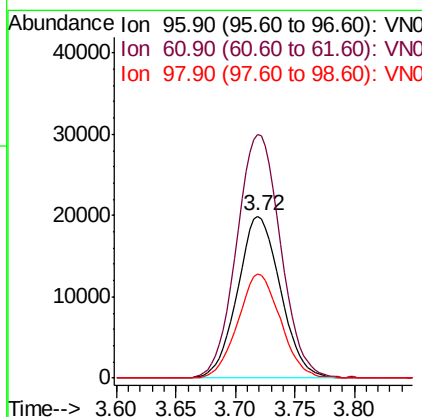
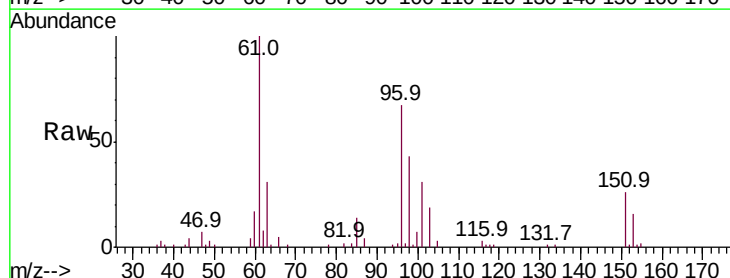
Tot Ion: 59 Resp: 65353
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.6

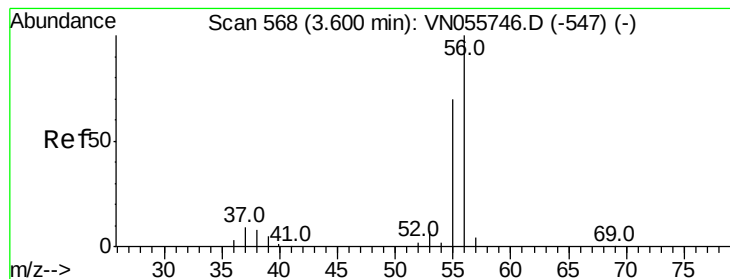


#12

1,1-Dichloroethene
 Concen: 19.462 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 96 Resp: 49847
 Ion Ratio Lower Upper
 96 100
 61 150.1 123.2 184.8
 98 64.1 50.4 75.6





#13

Acrolein

Concen: 70.976 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

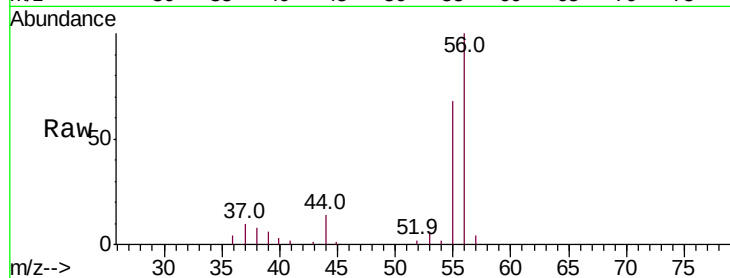
ClientSampled :

Tot Ion: 56 Resp: 30201

Ion Ratio Lower Upper

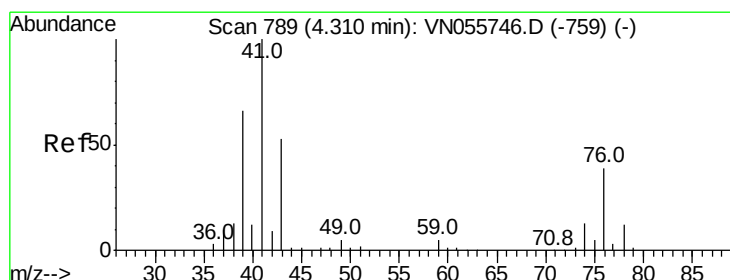
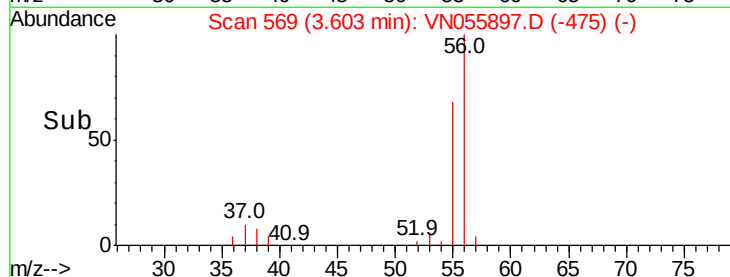
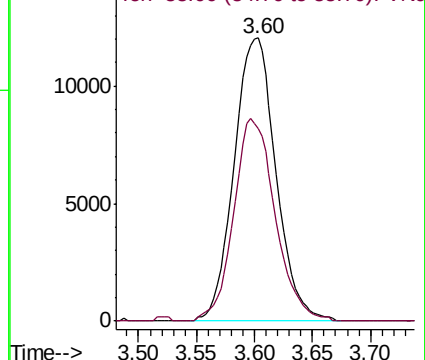
56 100

55 70.8 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.184 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

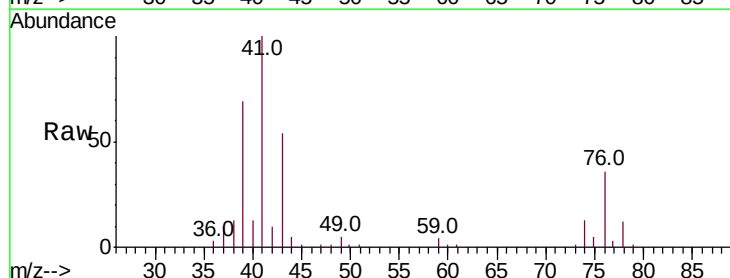
Tgt Ion: 41 Resp: 84235

Ion Ratio Lower Upper

41 100

39 64.4 50.0 75.0

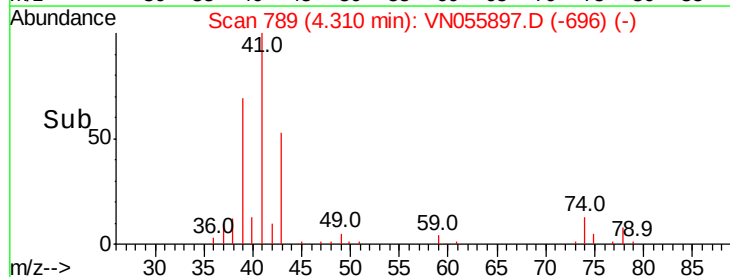
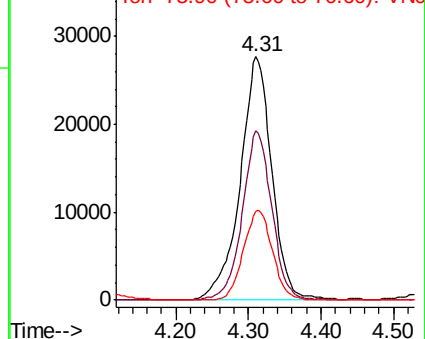
76 33.6 28.2 42.2

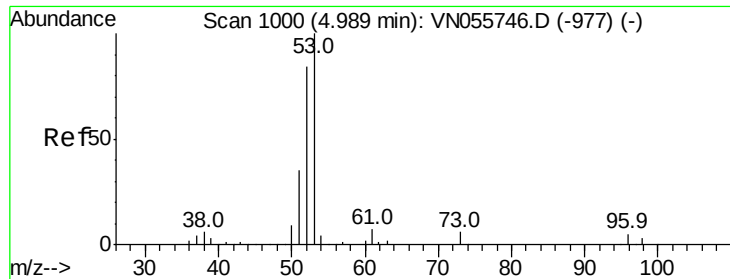


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 107.221 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

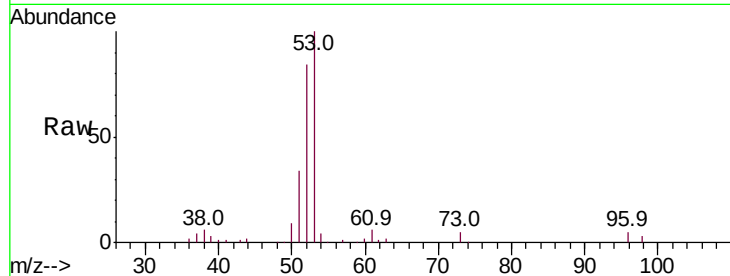
Tot Ion: 53 Resp: 146309

Ion Ratio Lower Upper

53 100

52 81.3 65.8 98.8

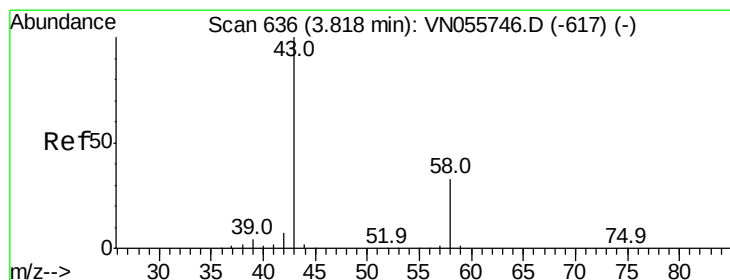
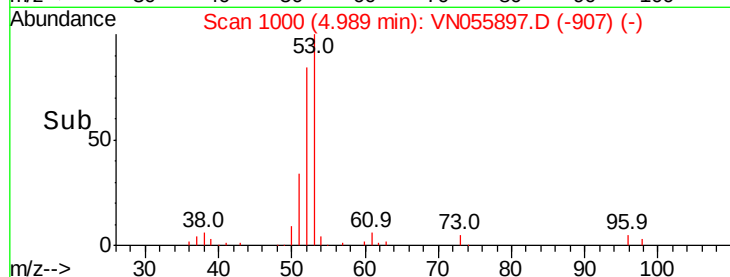
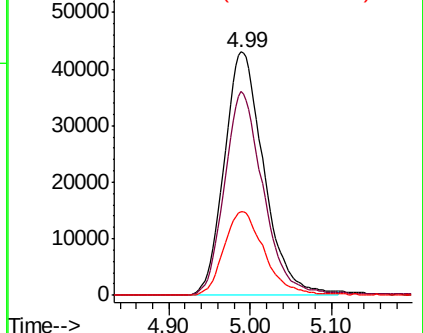
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055897.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055897.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055897.D (-907) (-)



#16

Acetone

Concen: 96.023 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055897.D

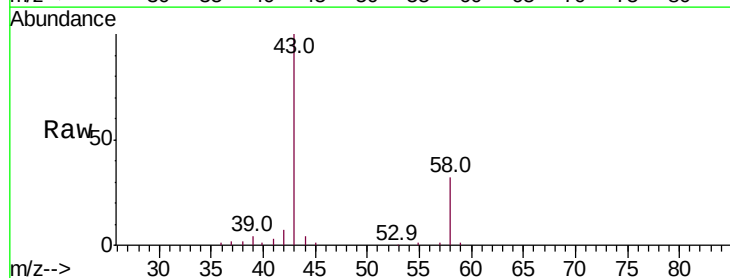
Acq: 30 May 2019 13:48

Tgt Ion: 43 Resp: 131279

Ion Ratio Lower Upper

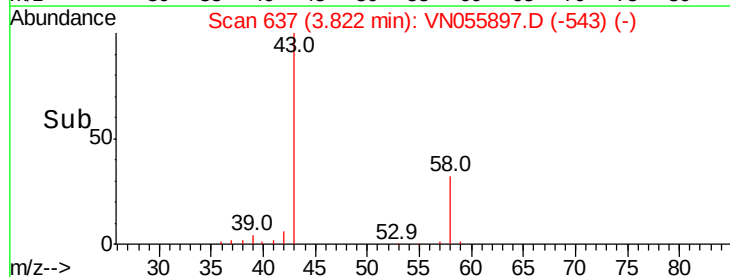
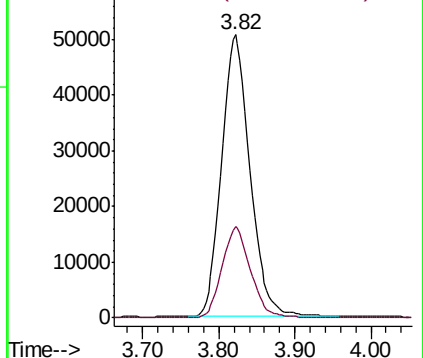
43 100

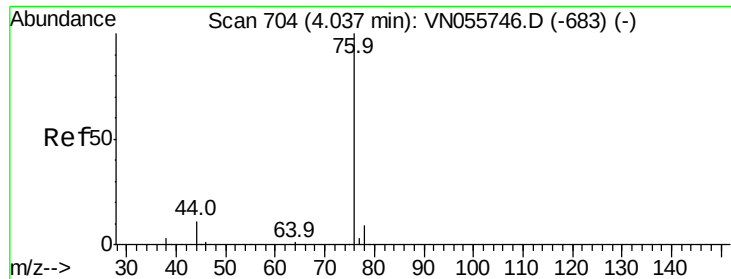
58 32.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055897.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055897.D (-543) (-)





#17

Carbon Disulfide

Concen: 15.644 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

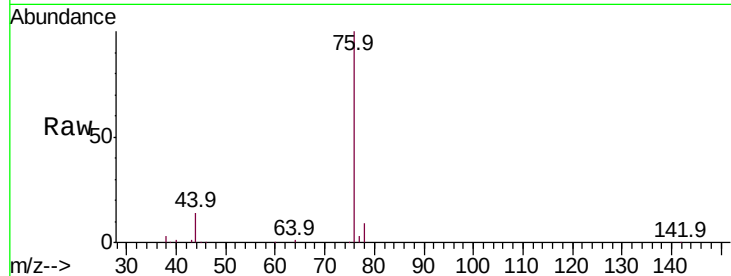
ClientSampleId :

Tot Ion: 76 Resp: 113844

Ion Ratio Lower Upper

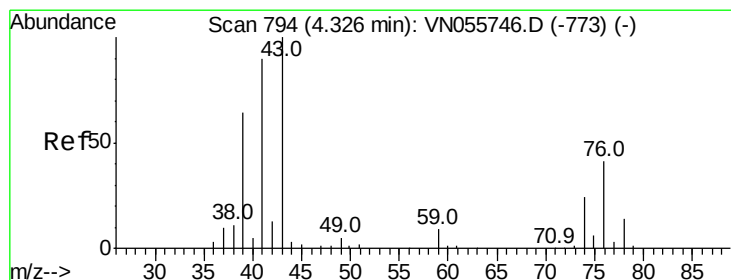
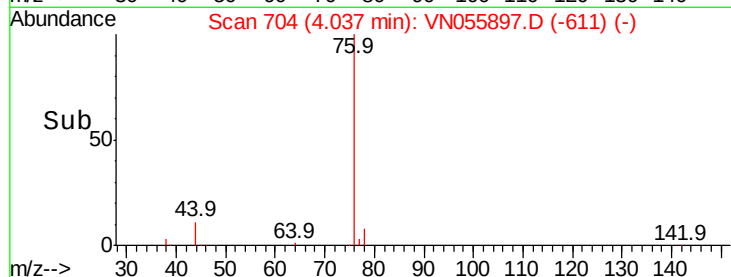
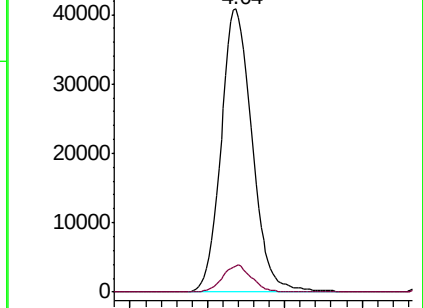
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 23.562 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055897.D

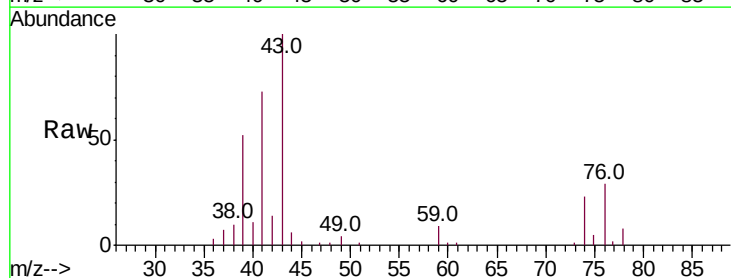
Acq: 30 May 2019 13:48

Tgt Ion: 43 Resp: 67347

Ion Ratio Lower Upper

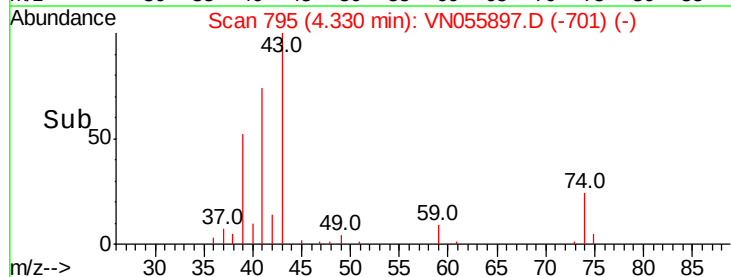
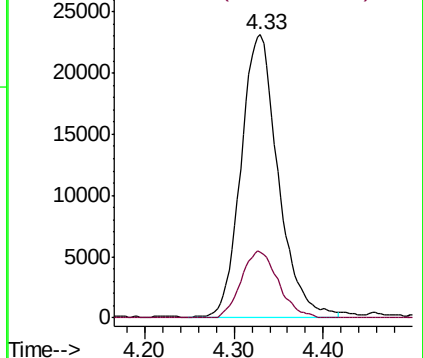
43 100

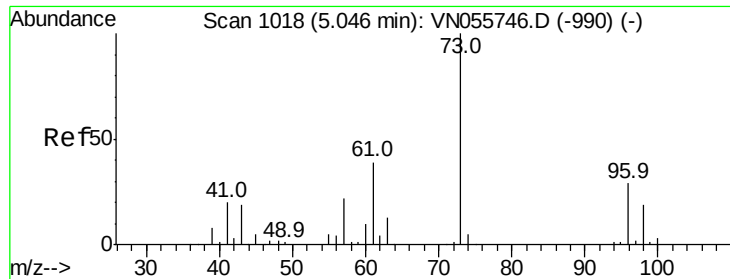
74 23.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

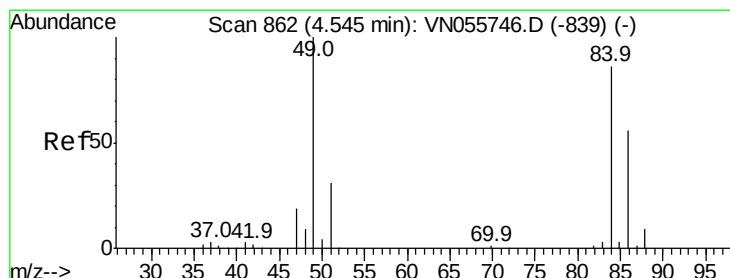
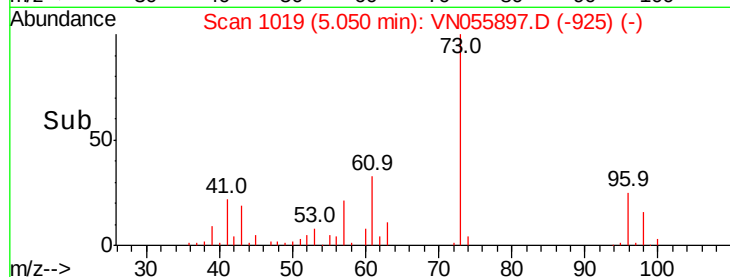
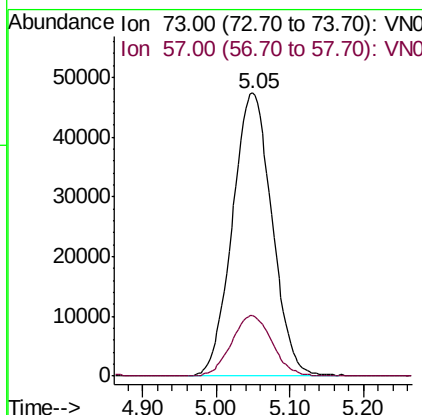
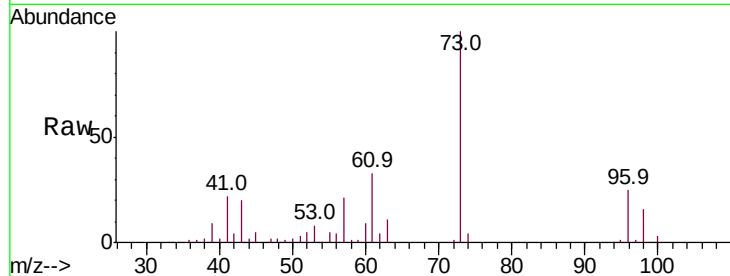




#19
Methyl tert-butyl Ether
Concen: 20.714 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

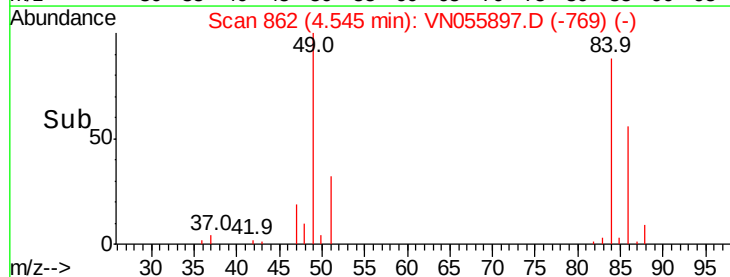
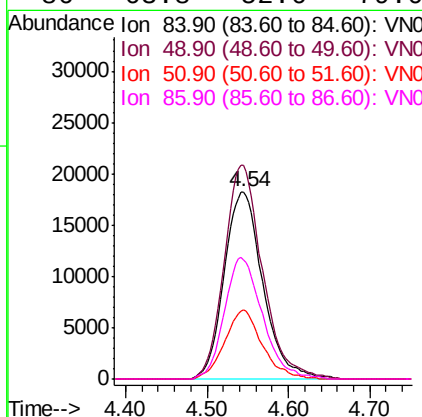
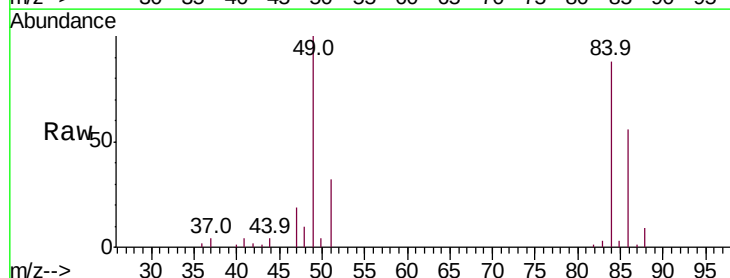
Instrument :
MSVOA_N
ClientSampleId :

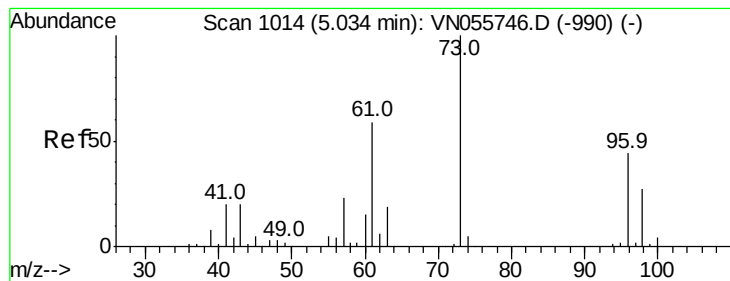
Tot Ion: 73 Resp: 176950
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 20.427 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 84 Resp: 60480
Ion Ratio Lower Upper
84 100
49 114.1 93.5 140.3
51 36.9 28.6 43.0
86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.718 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :

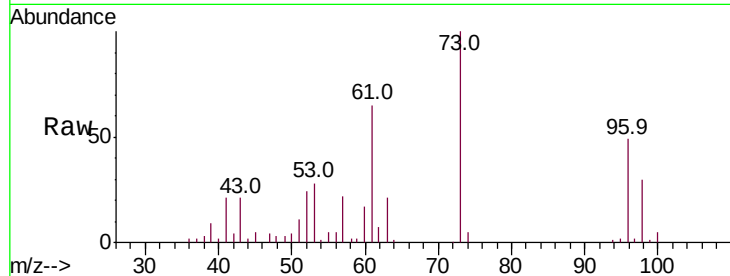
Tot Ion: 96 Resp: 54259

Ion Ratio Lower Upper

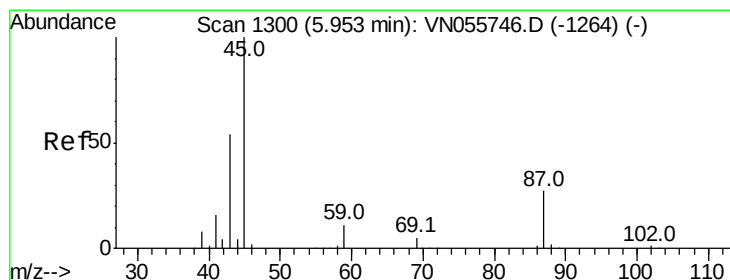
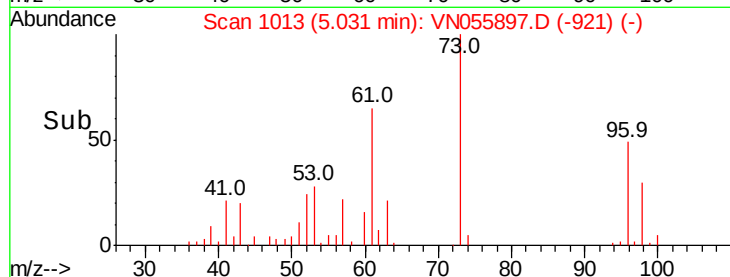
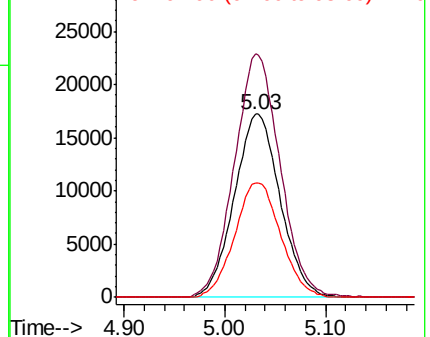
96 100

61 132.8 107.8 161.8

98 62.3 49.8 74.8



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



#22

Diisopropyl ether

Concen: 20.888 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Tgt Ion: 45 Resp: 178386

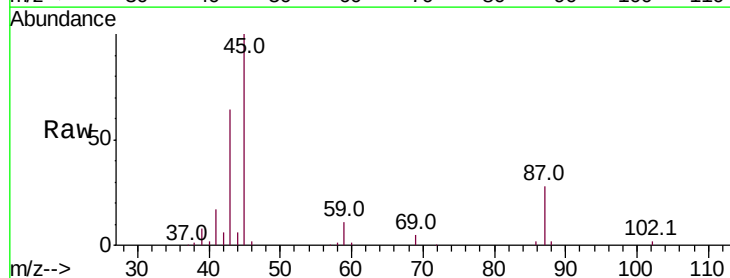
Ion Ratio Lower Upper

45 100

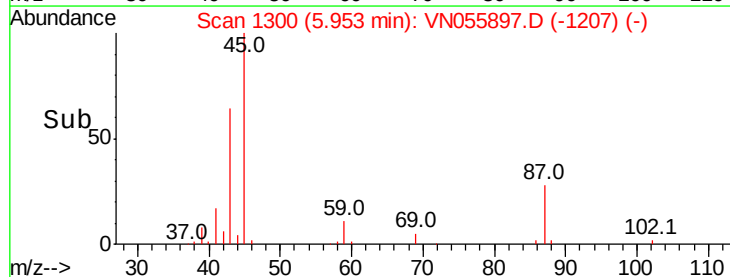
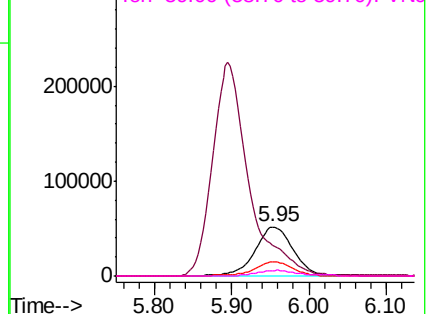
43 61.1 45.0 67.6

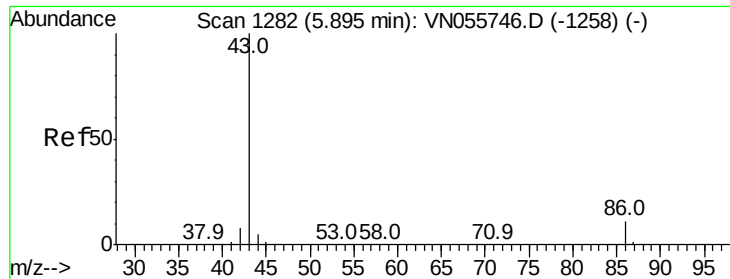
87 27.8 22.2 33.4

59 11.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

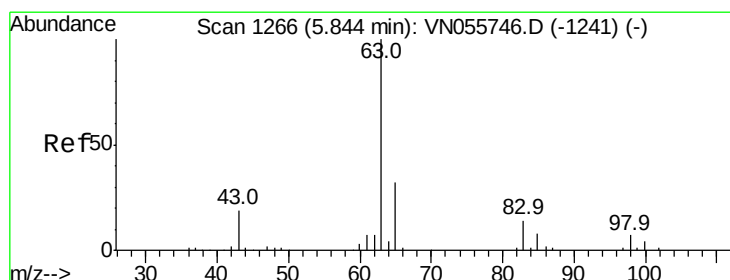
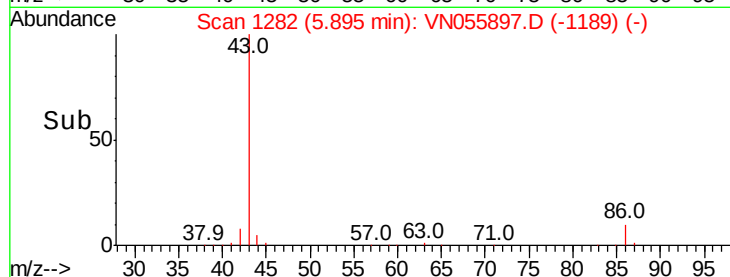
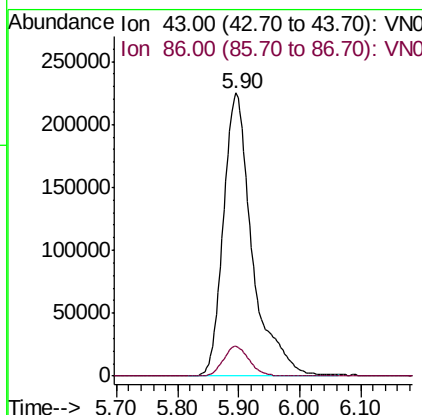
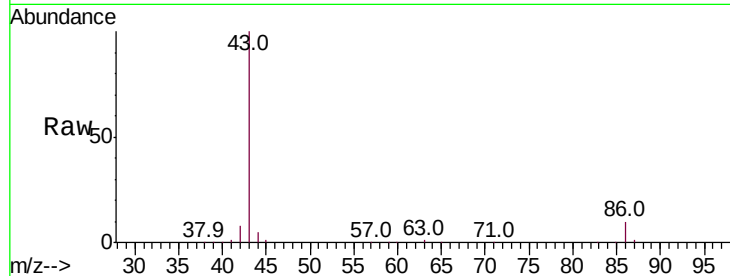




#23
Vinyl Acetate
Concen: 101.023 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

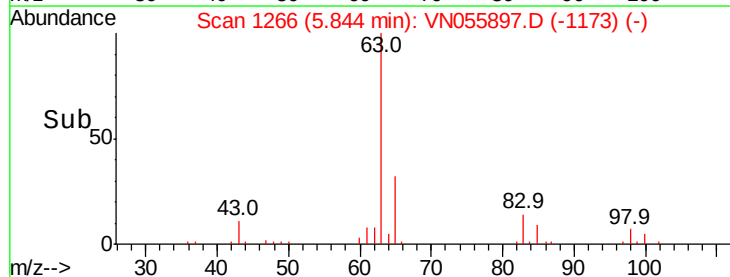
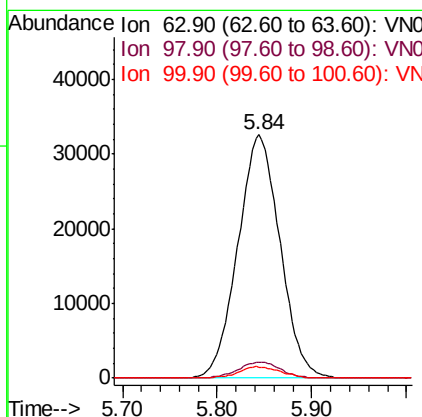
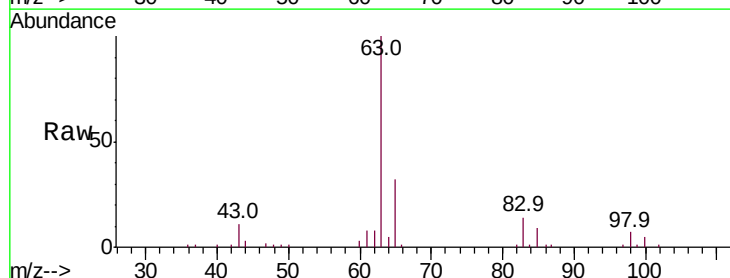
Instrument :
MSVOA_N
ClientSampled :

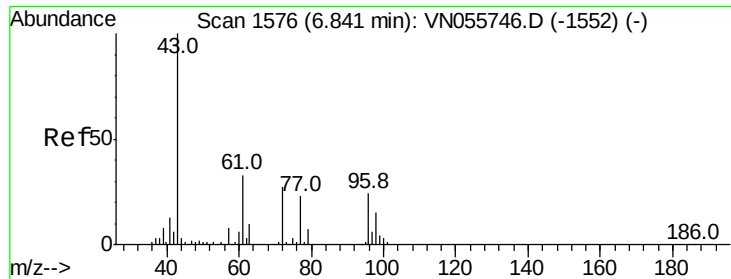
Tot Ion: 43 Resp: 739703
Ion Ratio Lower Upper
43 100
86 10.5 8.6 13.0



#24
1,1-Dichloroethane
Concen: 20.266 ug/l
RT: 5.84 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 63 Resp: 100767
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.1
100 4.6 2.2 6.6





#25

2-Butanone

Concen: 103.761 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

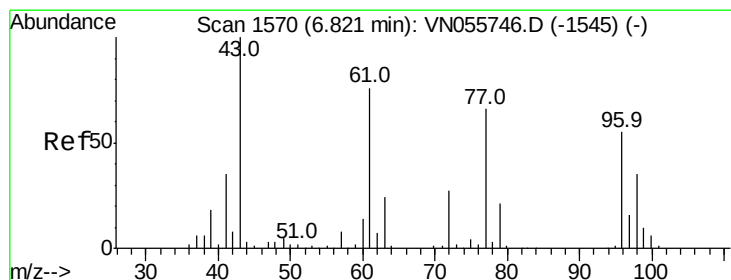
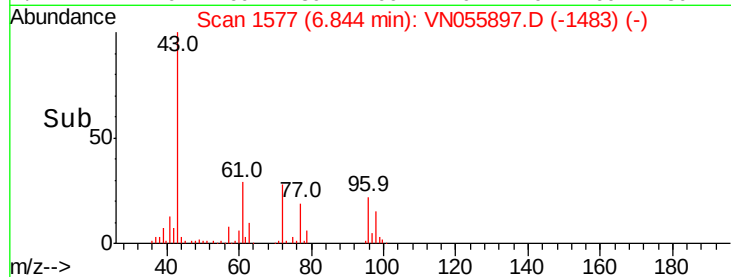
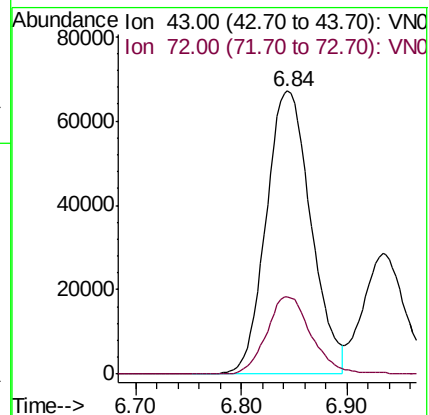
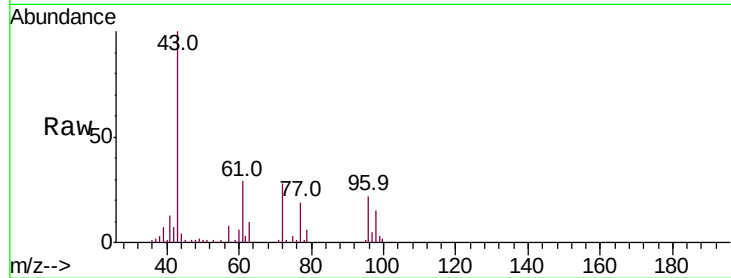
ClientSampleId :

Tot Ion: 43 Resp: 198117

Ion Ratio Lower Upper

43 100

72 27.5 21.9 32.9



#26

2,2-Dichloropropane

Concen: 17.306 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055897.D

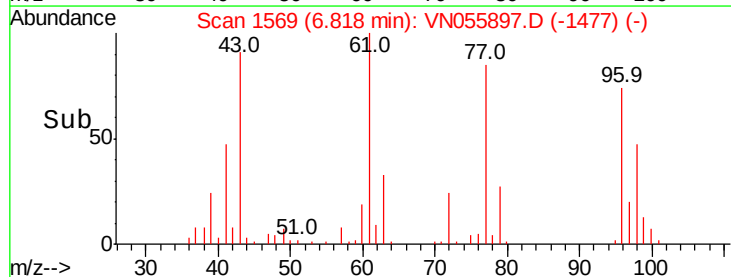
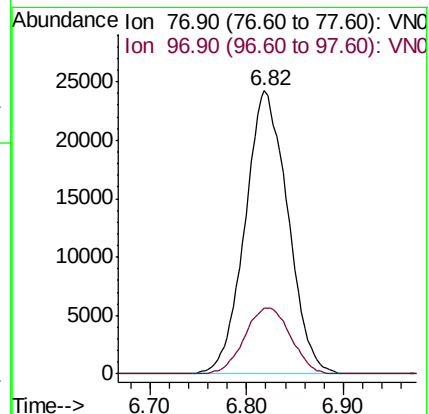
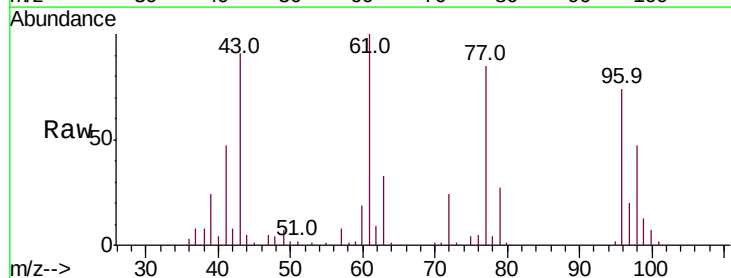
Acq: 30 May 2019 13:48

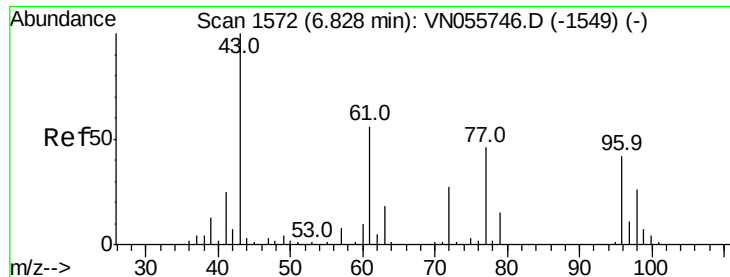
Tgt Ion: 77 Resp: 74474

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.723 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

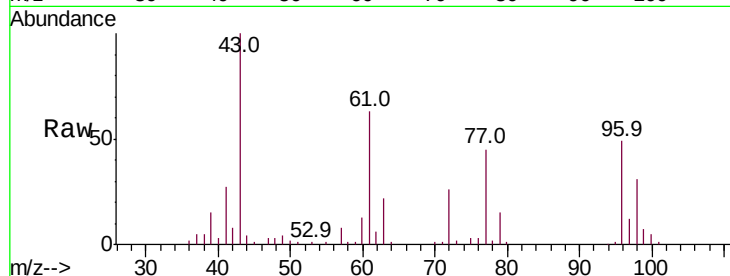
Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 66528

Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	275.8
98	64.3	0.0	128.4

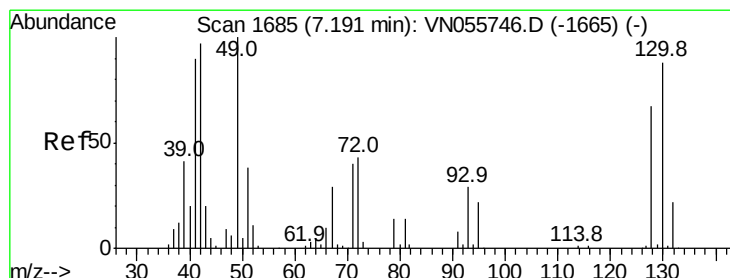
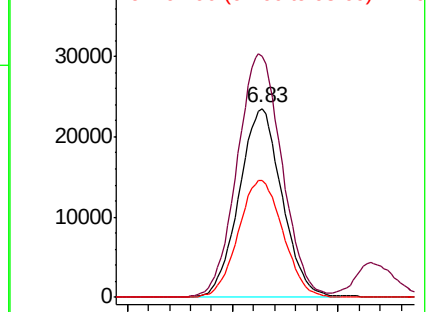
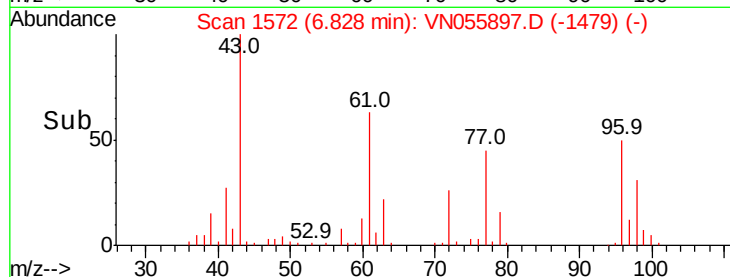


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.906 ug/l

RT: 7.19 min Scan# 1685

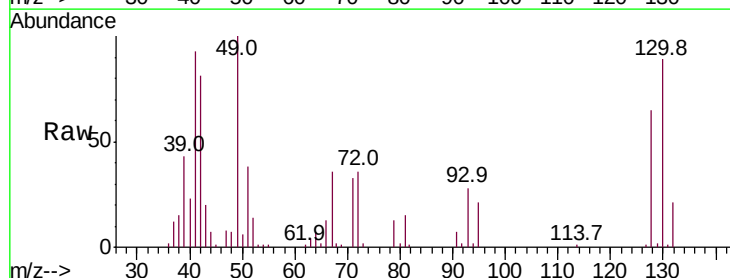
Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Tgt Ion: 49 Resp: 49492

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	86.7	71.2	106.8

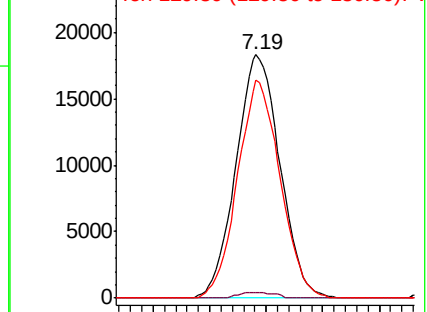
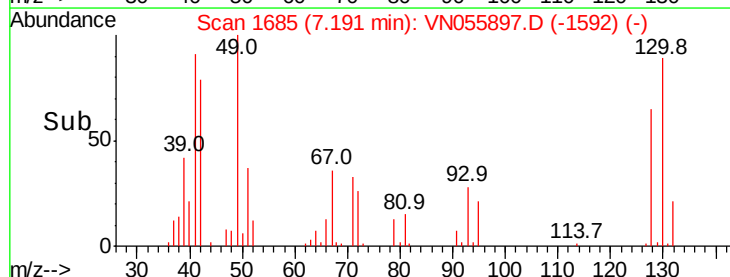


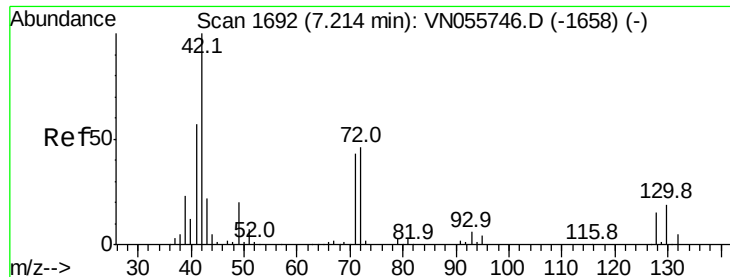
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

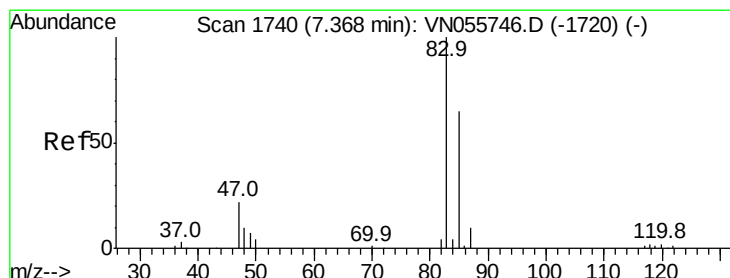
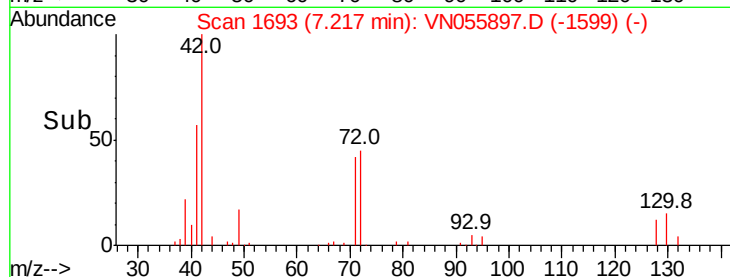
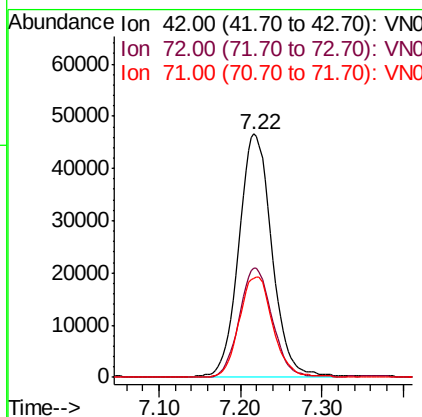
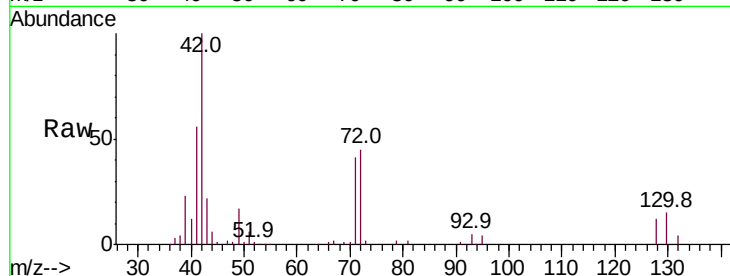




#29
Tetrahydrofuran
Concen: 108.422 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

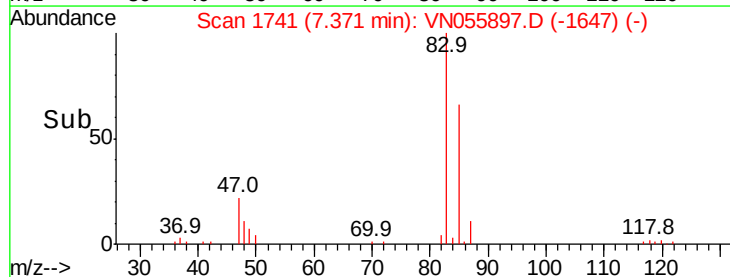
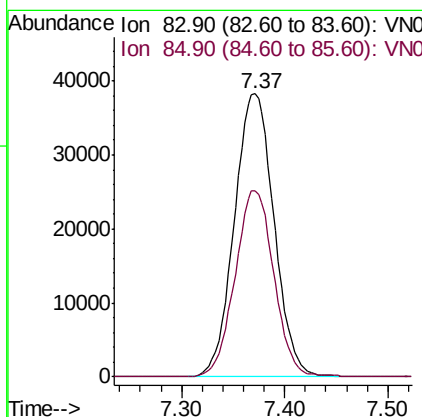
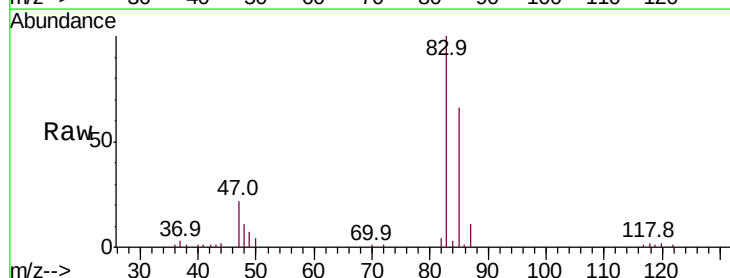
Instrument :
MSVOA_N
ClientSampleId :

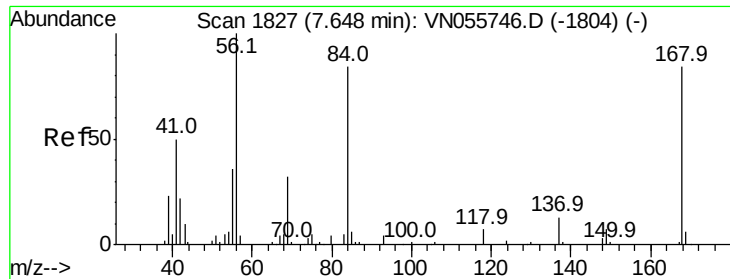
Tot Ion: 42 Resp: 131097
Ion Ratio Lower Upper
42 100
72 44.3 35.9 53.9
71 41.7 34.0 51.0



#30
Chloroform
Concen: 20.633 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 83 Resp: 102315
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8

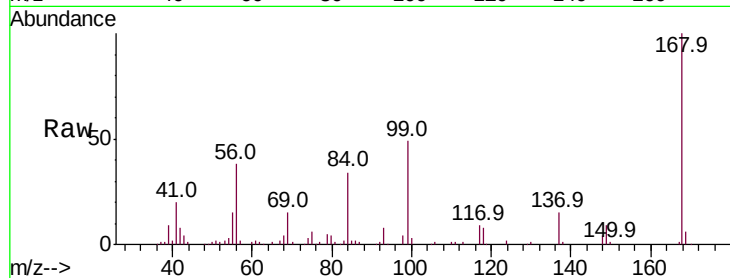




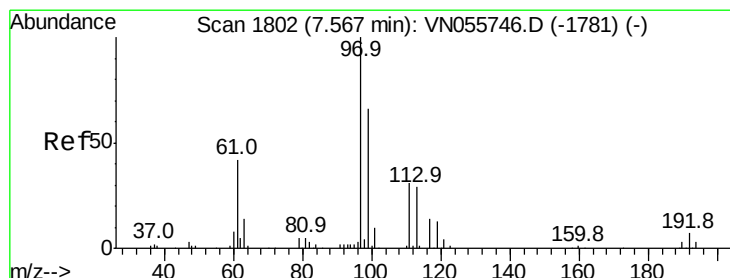
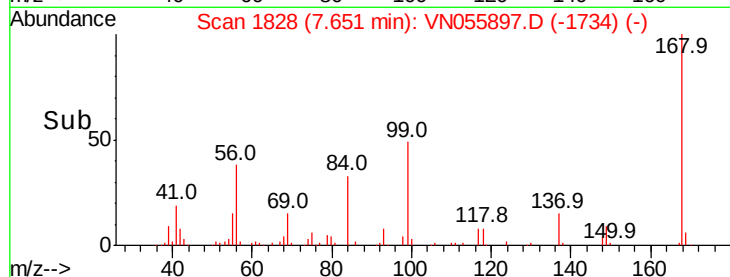
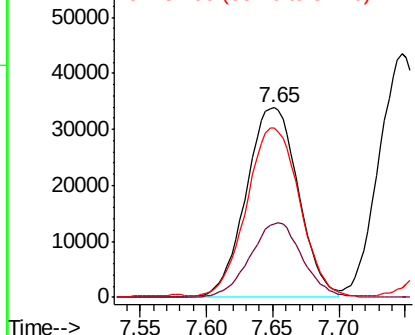
#31
Cyclohexane
Concen: 19.937 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 93072
Ion Ratio Lower Upper
56 100
69 38.7 25.6 38.4#
84 88.2 67.4 101.0

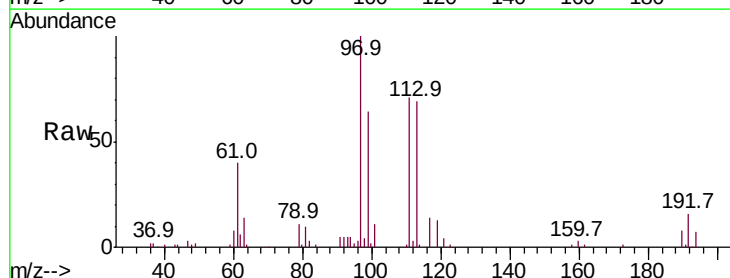


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

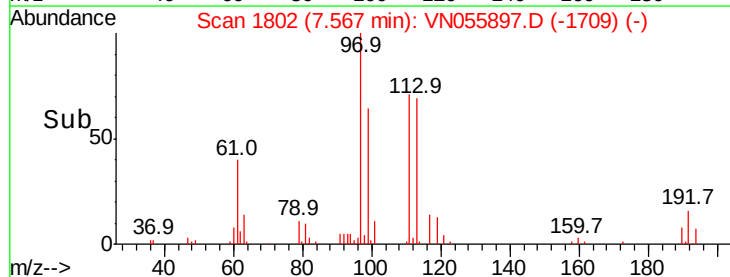
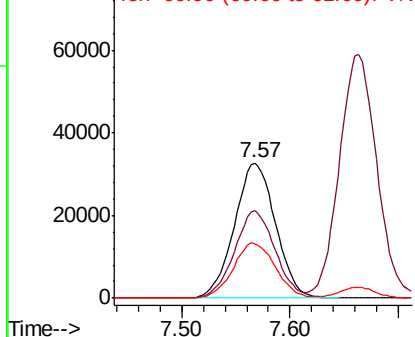


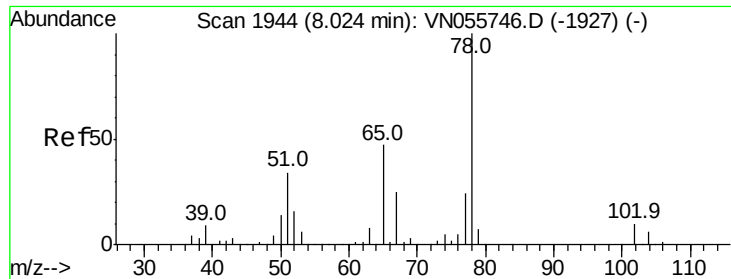
#32
1,1,1-Trichloroethane
Concen: 19.514 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 97 Resp: 86348
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.0 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

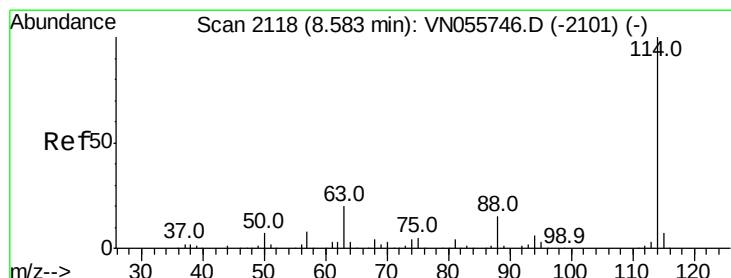
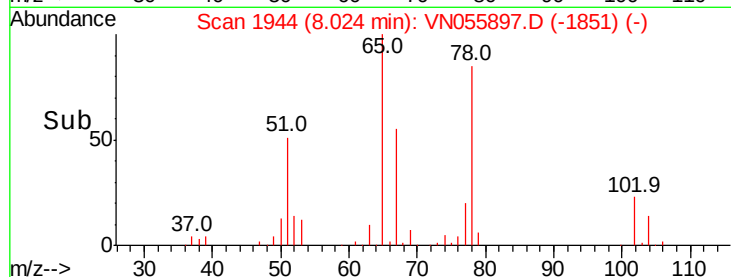
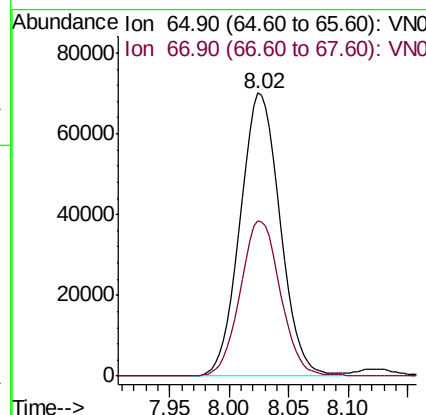
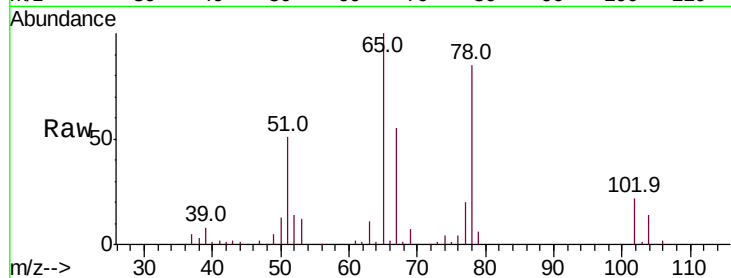




#33
 1,2-Dichloroethane-d4
 Concen: 52.589 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

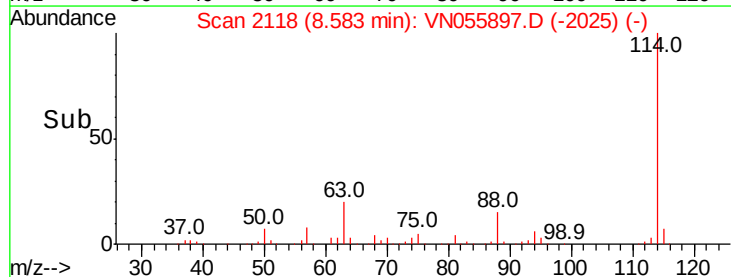
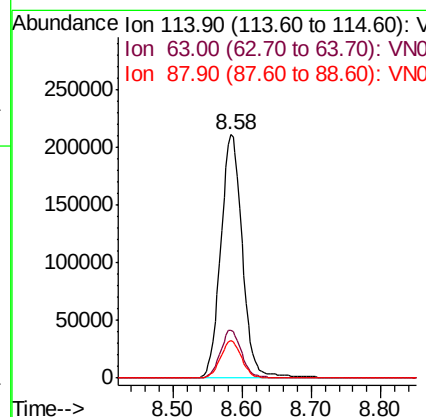
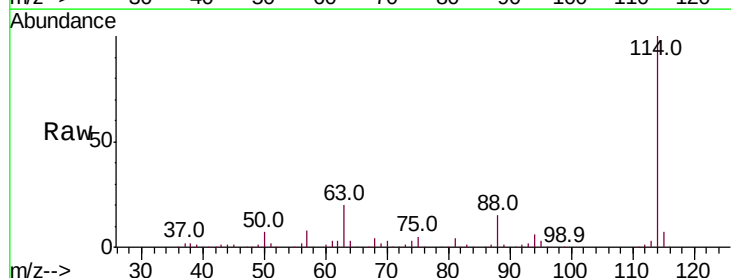
Instrument :
 MSVOA_N
 ClientSampled :

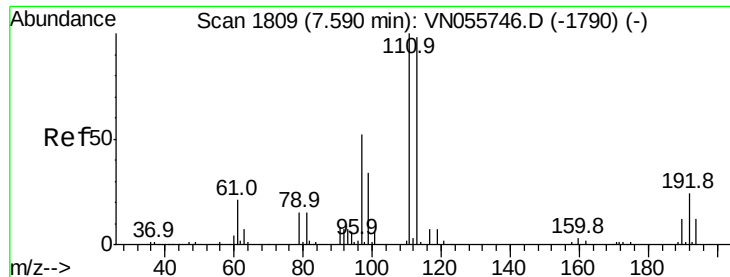
Tot Ion: 65 Resp: 163560
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 114 Resp: 456718
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.3 0.0 31.0

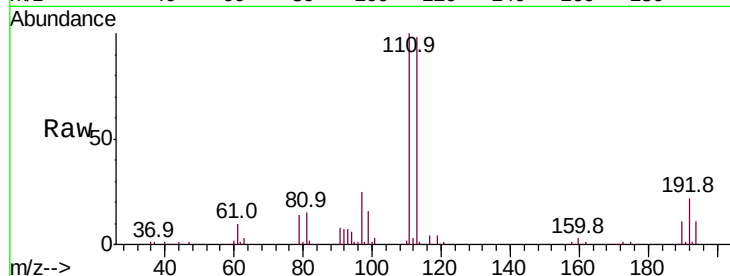




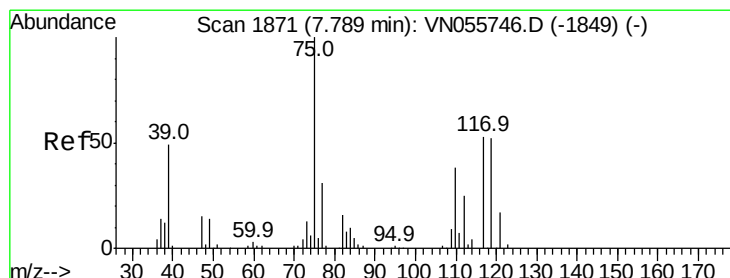
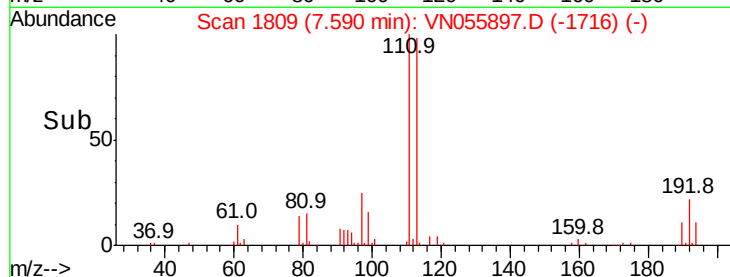
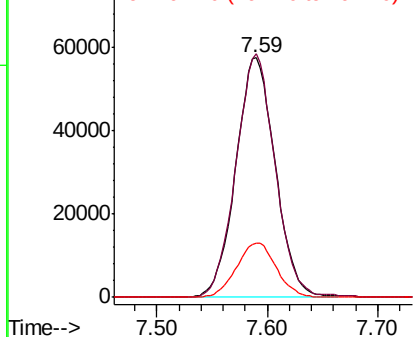
#35
 Dibromofluoromethane
 Concen: 49.330 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 142441
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.9 122.9
 192 23.0 19.5 29.3

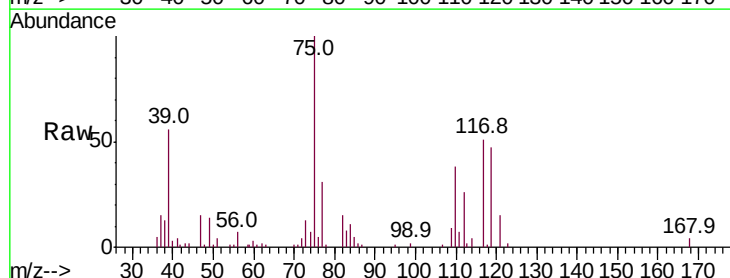


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

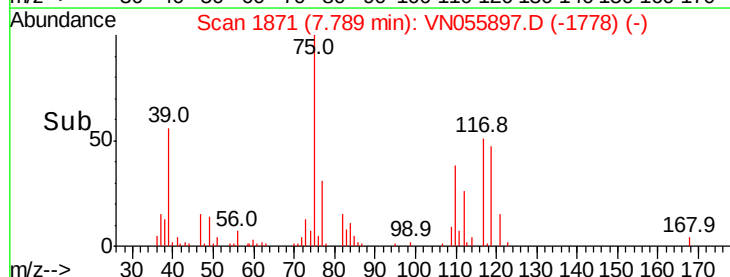
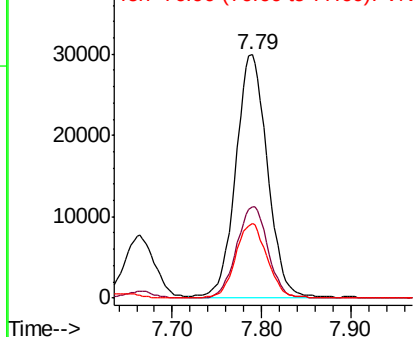


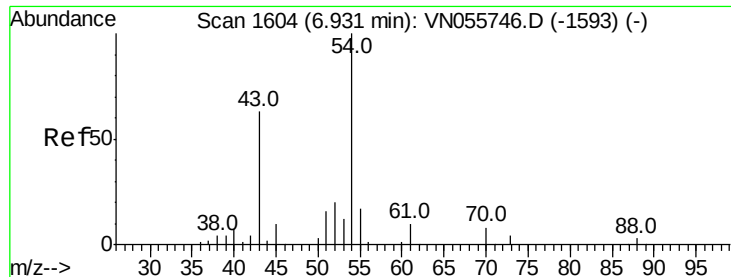
#36
 1,1-Dichloropropene
 Concen: 18.630 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 75 Resp: 74149
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.0 57.0
 77 30.4 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

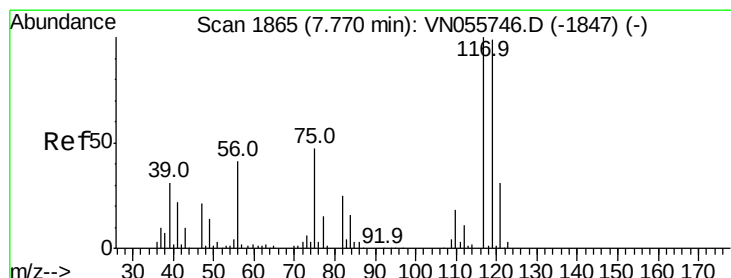
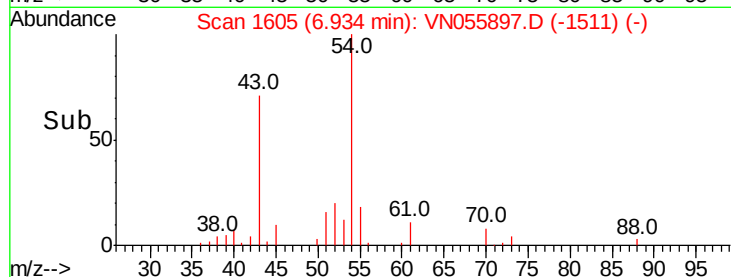
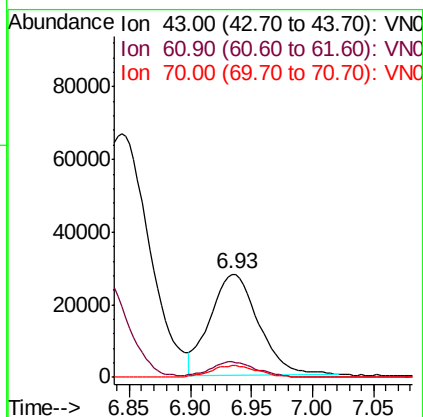
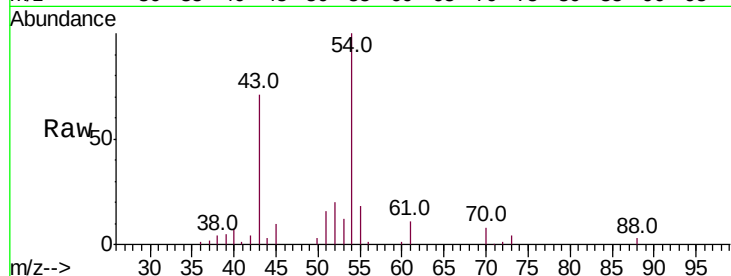




#37
Ethyl Acetate
Concen: 20.093 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

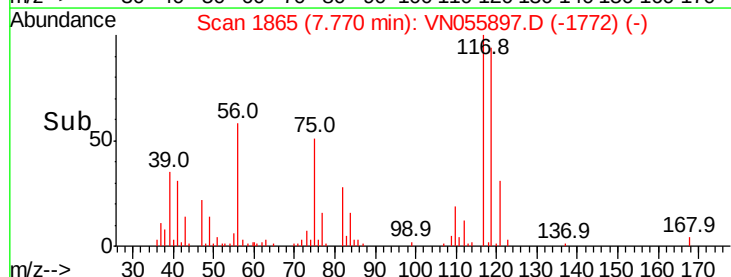
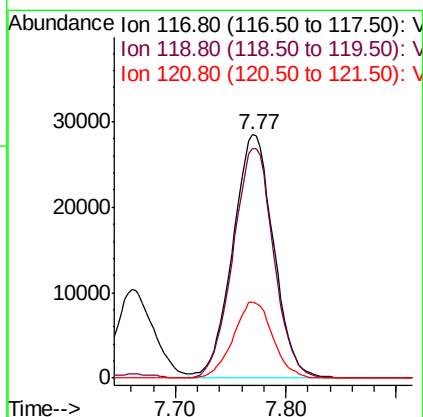
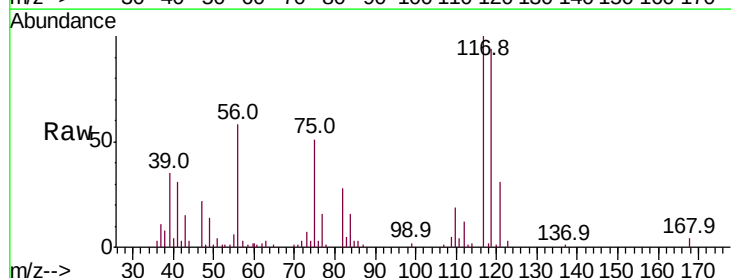
Instrument :
MSVOA_N
ClientSampled :

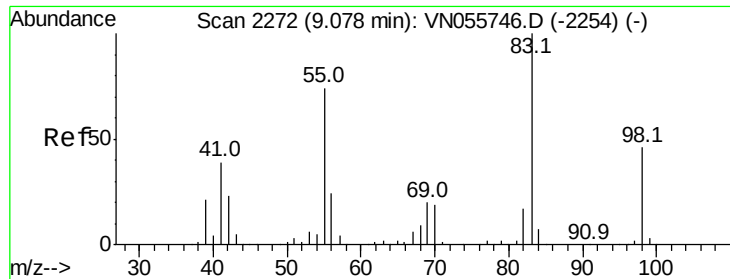
Tot Ion: 43 Resp: 77295
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 17.628 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 117 Resp: 73084
Ion Ratio Lower Upper
117 100
119 94.2 79.0 118.6
121 31.4 24.7 37.1

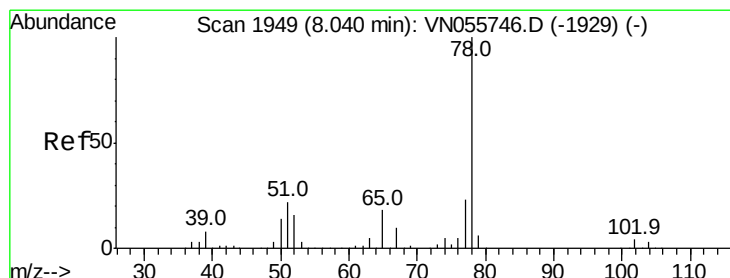
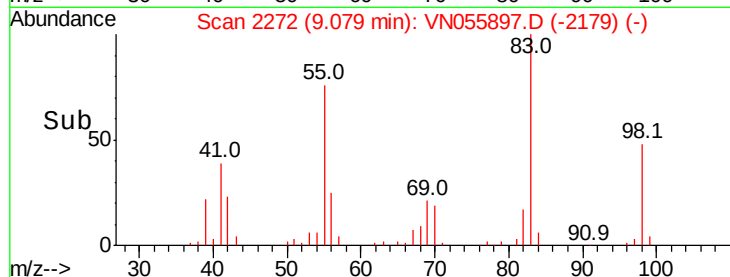
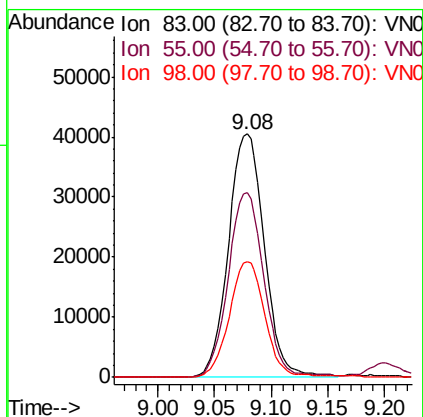
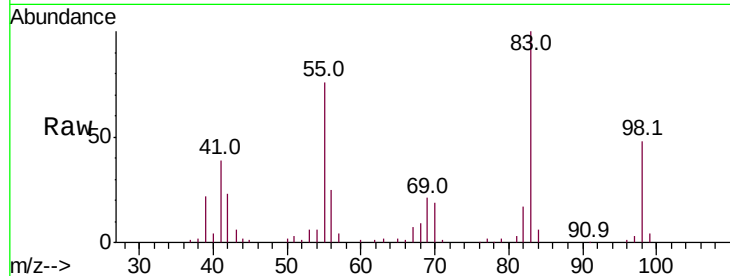




#39
Methylvlcyclohexane
Concen: 18.203 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

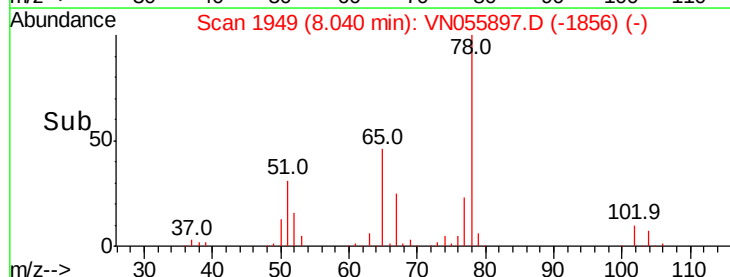
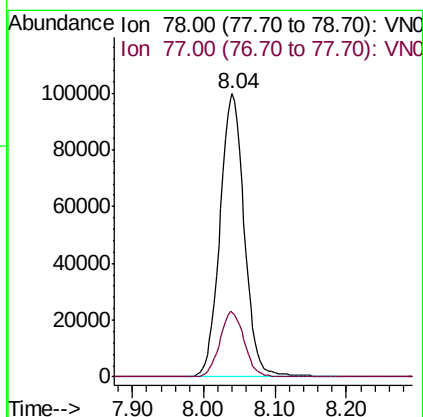
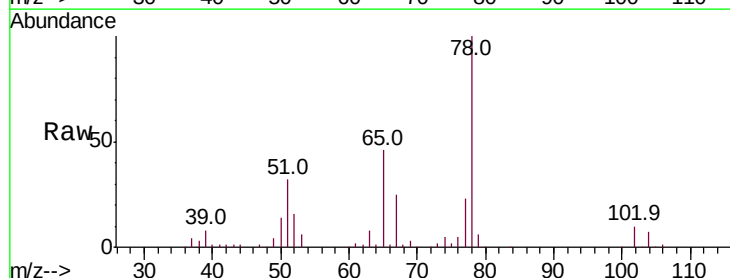
Instrument :
MSVOA_N
ClientSampleId :

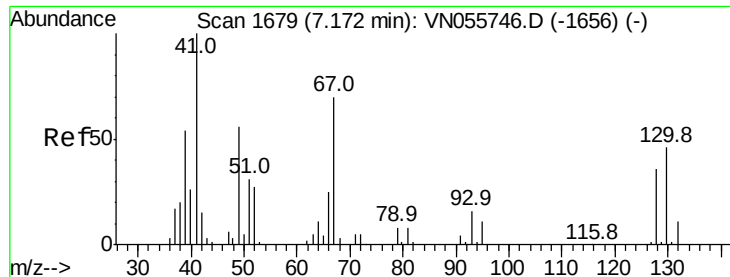
Tot Ion: 83 Resp: 89718
Ion Ratio Lower Upper
83 100
55 75.8 59.3 88.9
98 47.7 36.6 54.8



#40
Benzene
Concen: 19.725 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 78 Resp: 236602
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

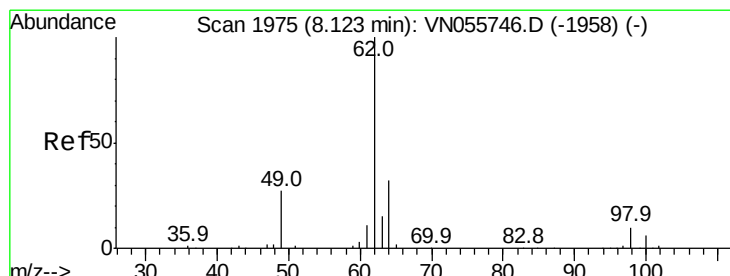
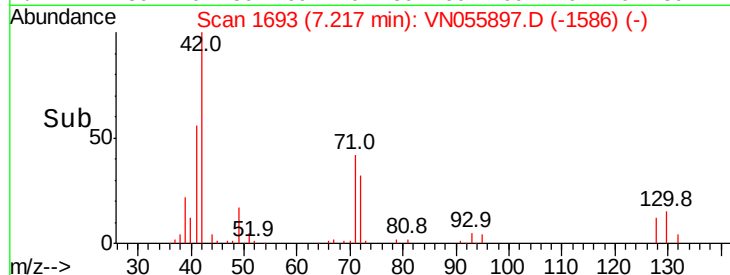
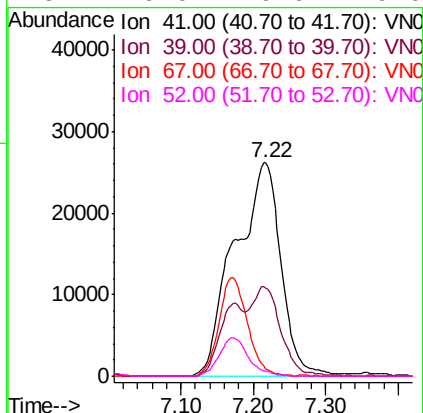
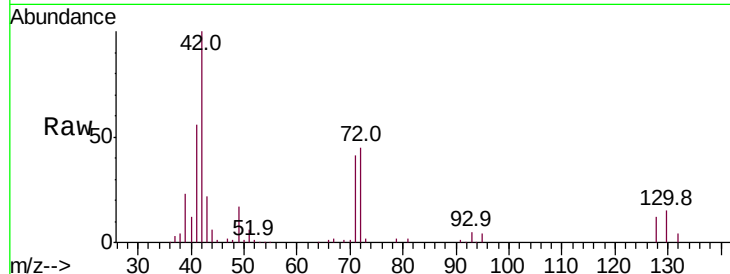




#41
Methacrylonitrile
Concen: 59.559 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

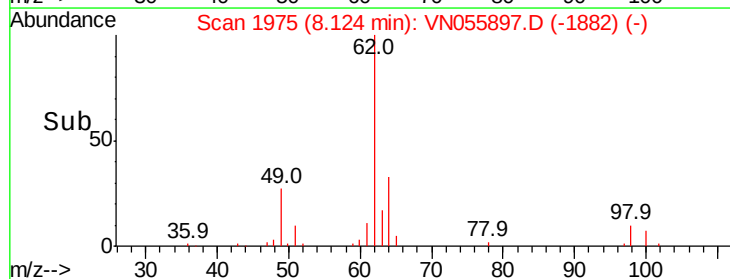
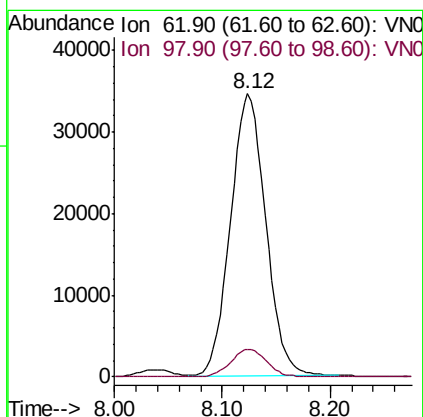
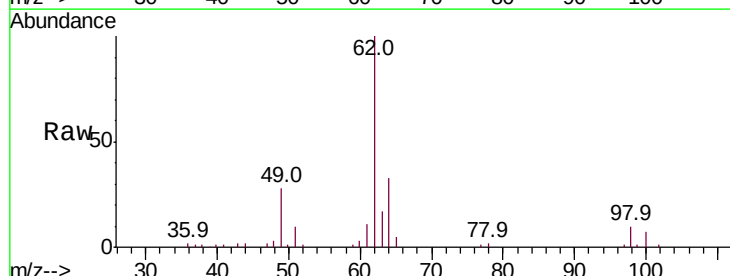
Instrument :
MSVOA_N
ClientSampleId :

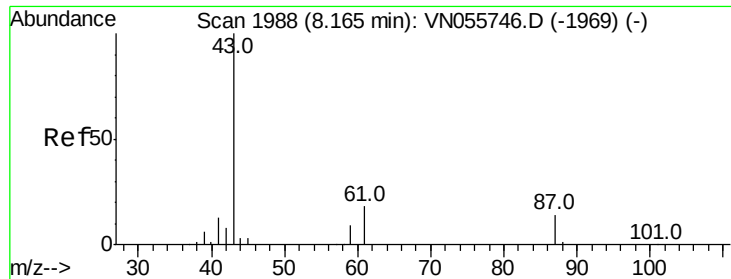
Tot Ion:	41	Resp:	115748
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.6	68.4#
67	0.0	67.7	101.5#
52	0.0	26.6	40.0#



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion:	62	Resp:	78940
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.094 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

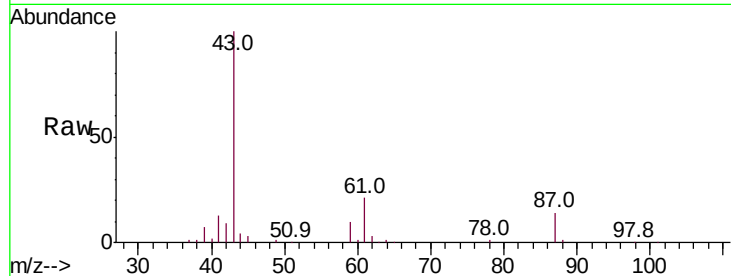
Tot Ion: 43 Resp: 123410

Ion Ratio Lower Upper

43 100

61 21.2 22.2 33.4#

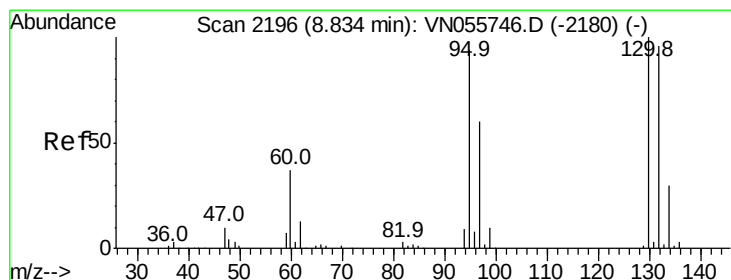
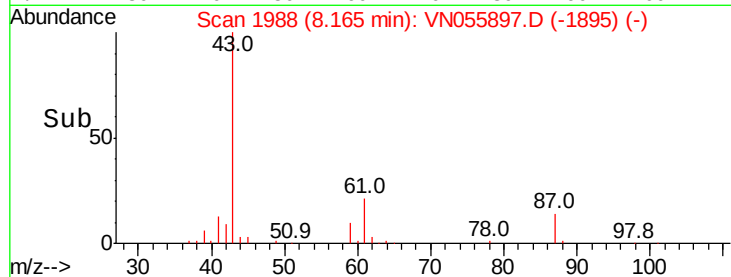
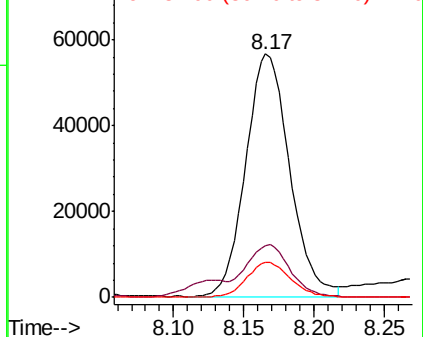
87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.489 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055897.D

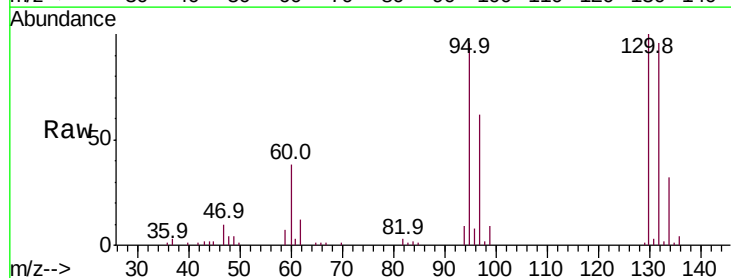
Acq: 30 May 2019 13:48

Tgt Ion:130 Resp: 65172

Ion Ratio Lower Upper

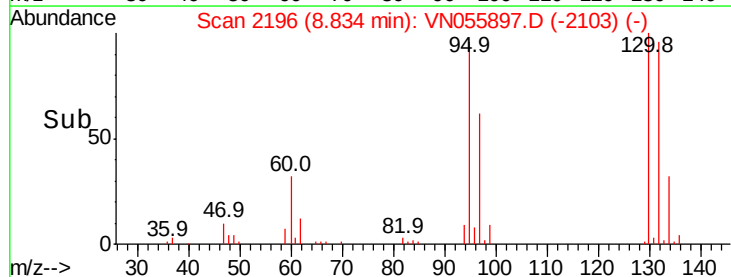
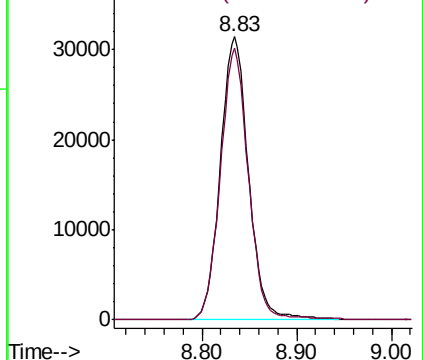
130 100

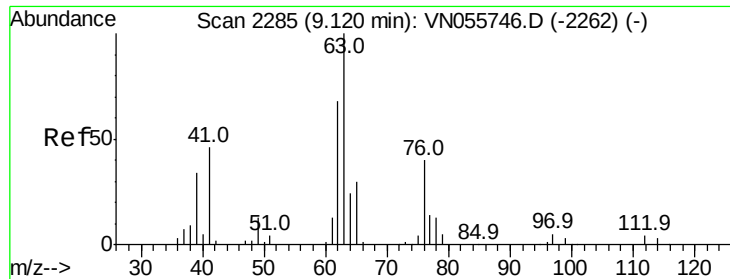
95 95.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

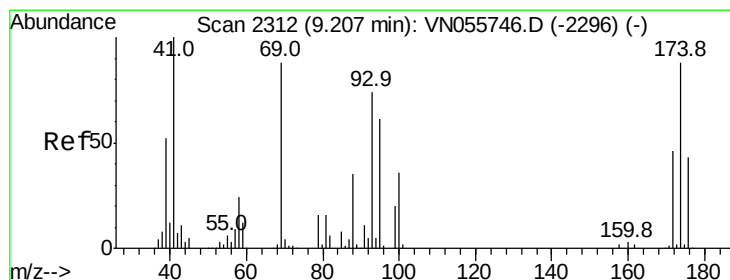
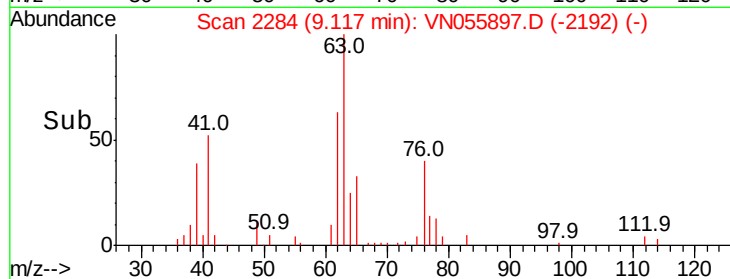
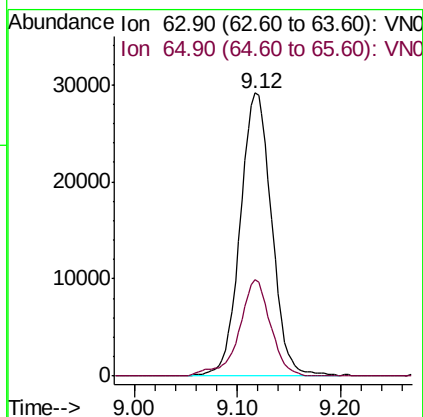
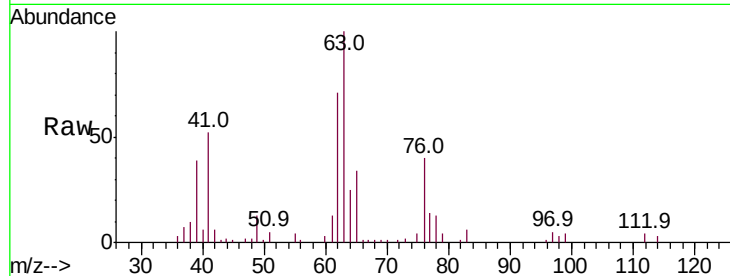




#45
 1,2-Dichloropropane
 Concen: 19.787 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

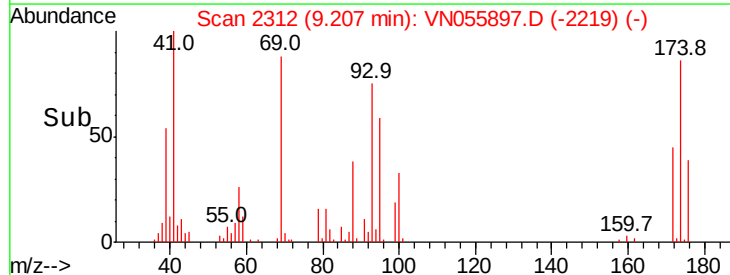
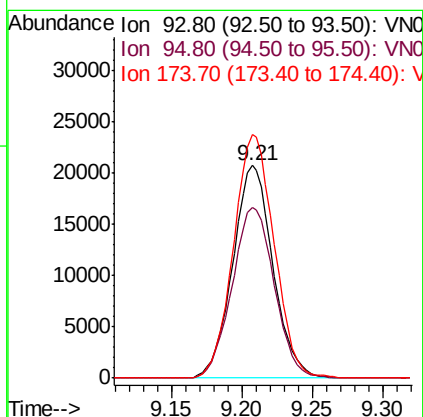
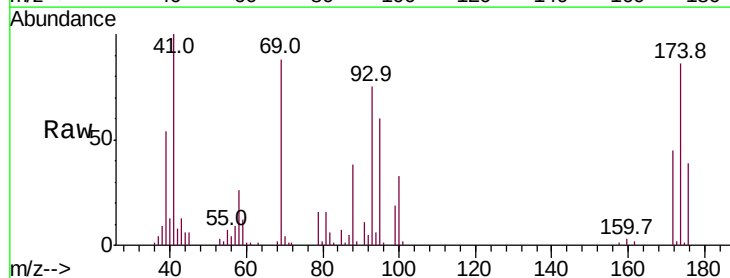
Instrument :
 MSVOA_N
 ClientSampleId :

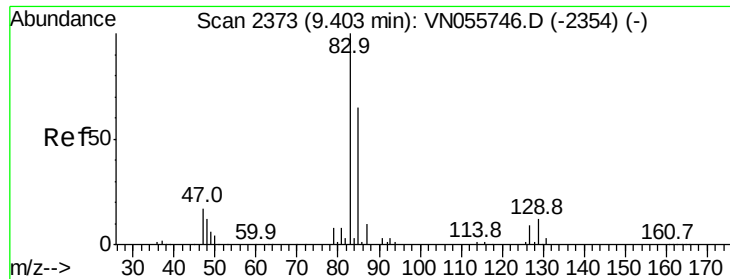
Tot Ion: 63 Resp: 61840
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.6 36.8



#46
 Dibromomethane
 Concen: 20.157 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 93 Resp: 41314
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 115.7 96.4 144.6





#47

Bromodichloromethane

Concen: 18.617 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :

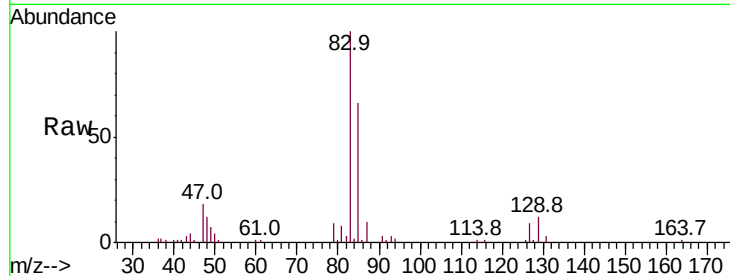
Tot Ion: 83 Resp: 78243

Ion Ratio Lower Upper

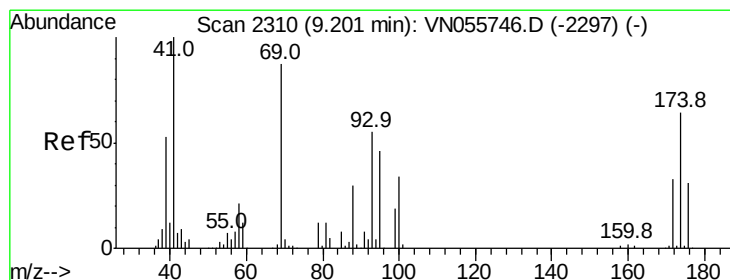
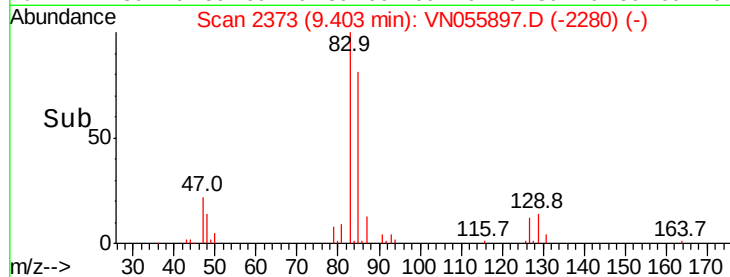
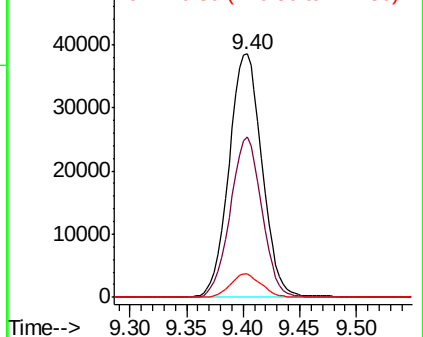
83 100

85 65.7 52.2 78.2

127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.553 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

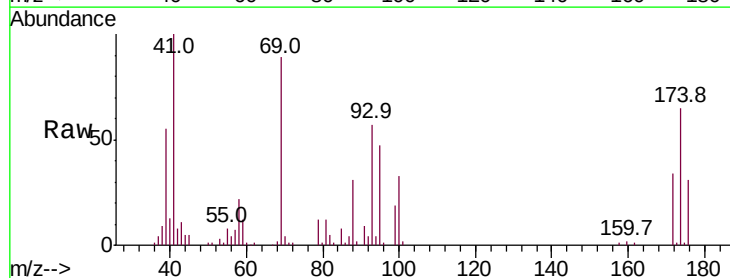
Tgt Ion: 41 Resp: 61223

Ion Ratio Lower Upper

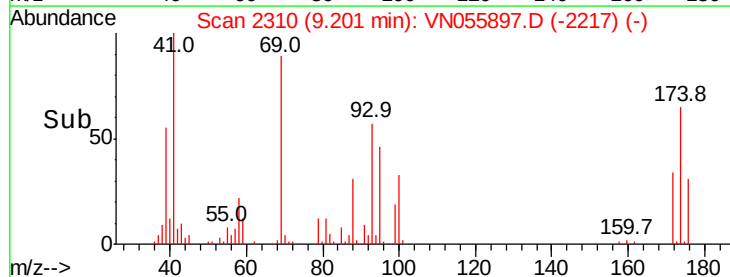
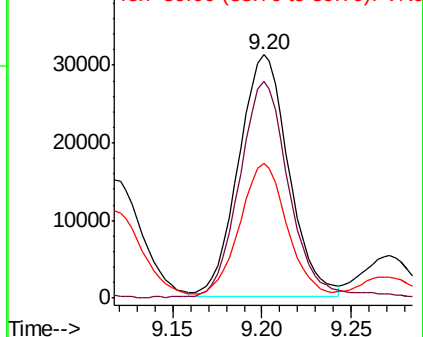
41 100

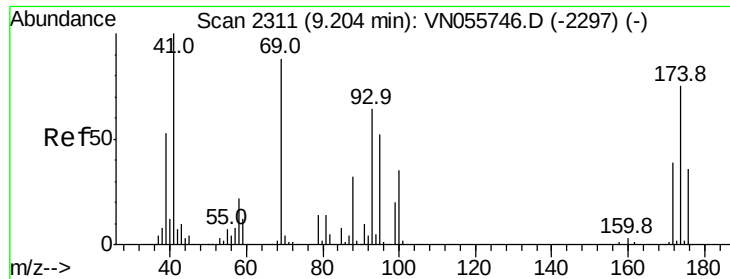
69 89.9 71.0 106.6

39 53.8 44.2 66.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

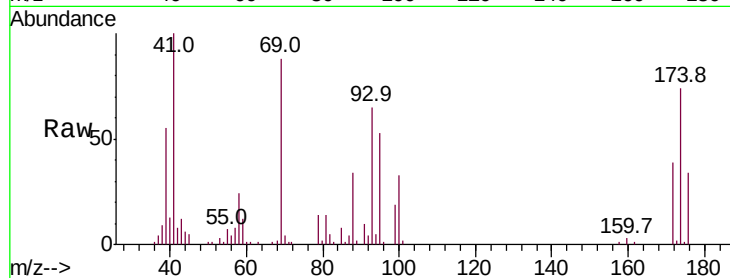




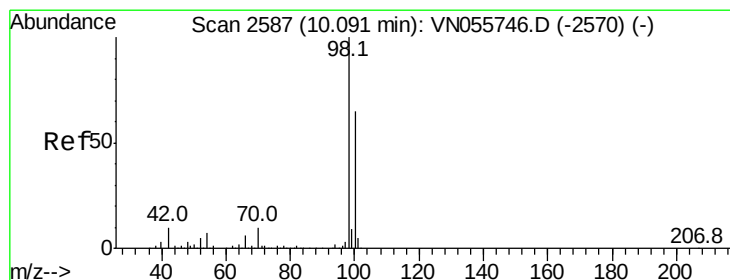
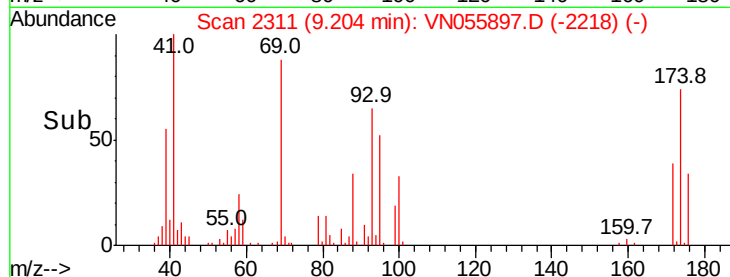
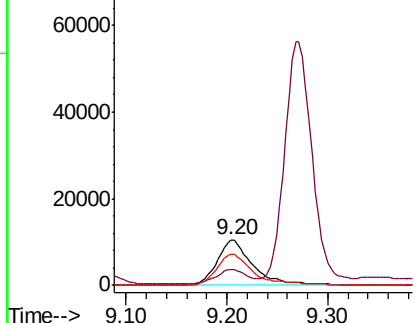
#49
 1,4-Dioxane
 Concen: 415.147 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 25698
 Ion Ratio Lower Upper
 88 100
 43 27.0 20.5 30.7
 58 71.2 55.8 83.6

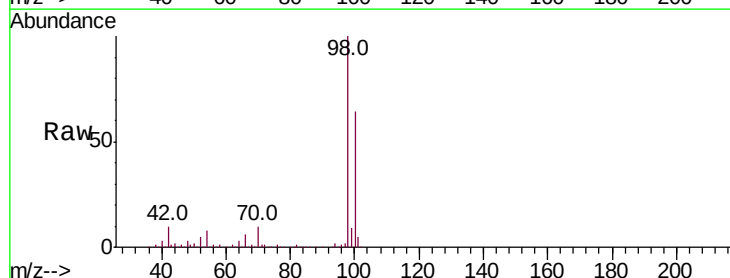


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

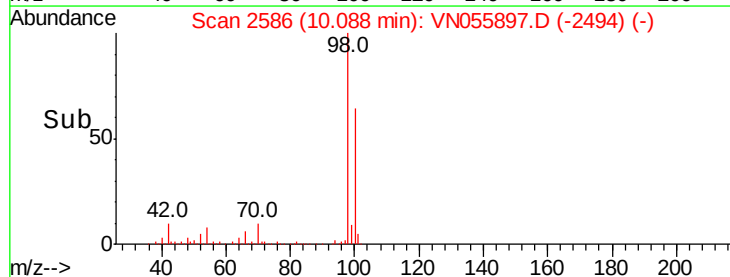
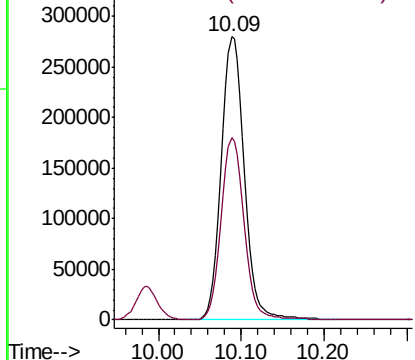


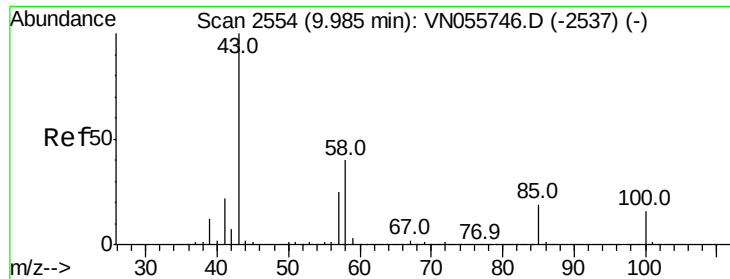
#50
 Toluene-d8
 Concen: 48.720 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 98 Resp: 539639
 Ion Ratio Lower Upper
 98 100
 100 63.9 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: 102.369 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

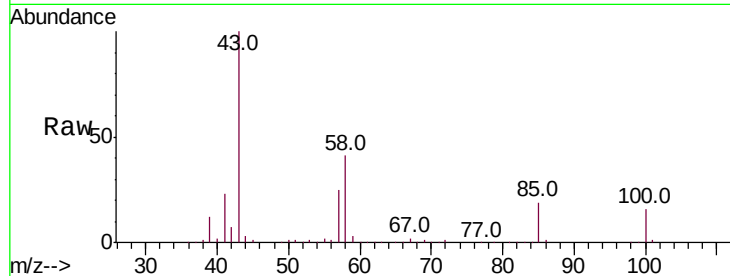
ClientSampled :

Tot Ion: 43 Resp: 390763

Ion Ratio Lower Upper

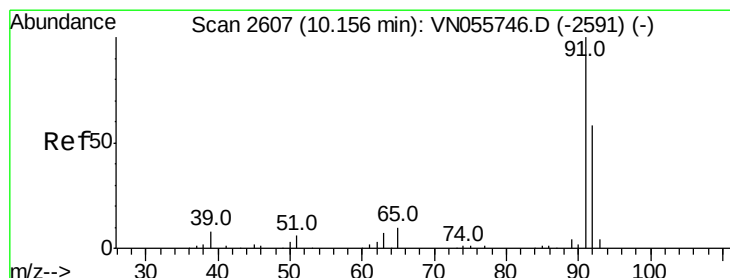
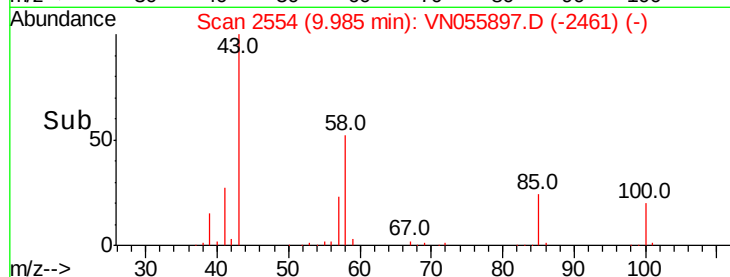
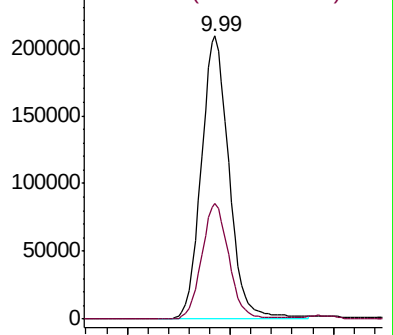
43 100

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: 19.574 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055897.D

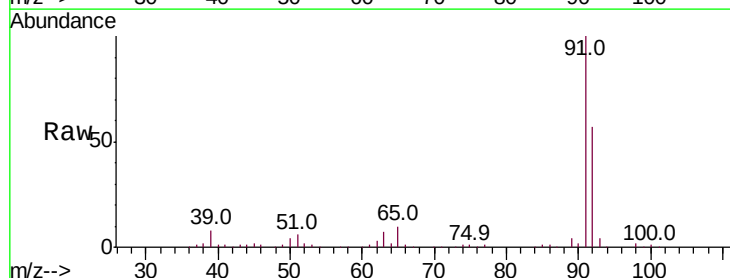
Acq: 30 May 2019 13:48

Tgt Ion: 92 Resp: 147669

Ion Ratio Lower Upper

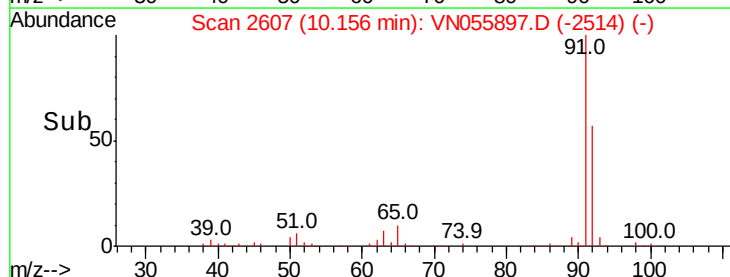
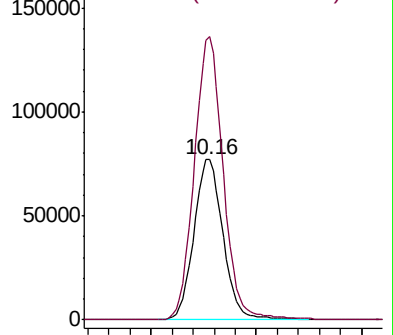
92 100

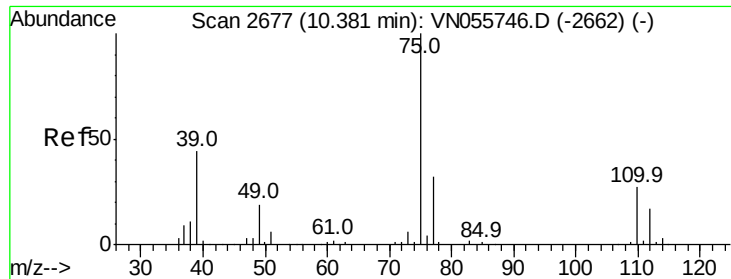
91 175.0 139.4 209.2



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: 17.537 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

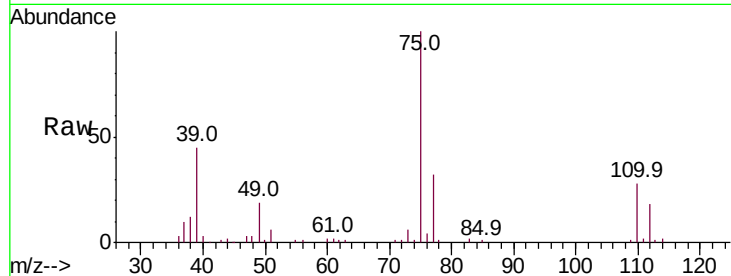
ClientSampleId :

Tot Ion: 75 Resp: 78674

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

40000

30000

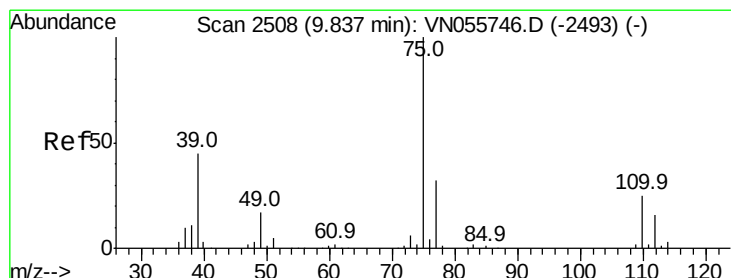
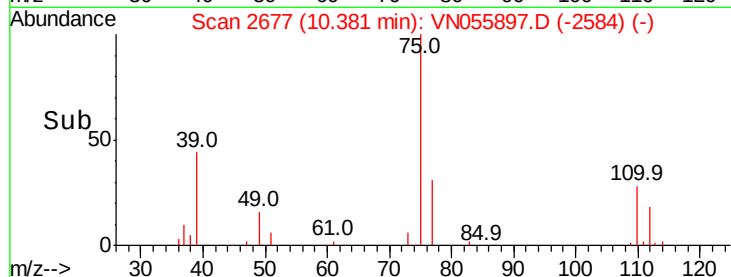
20000

10000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 18.379 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

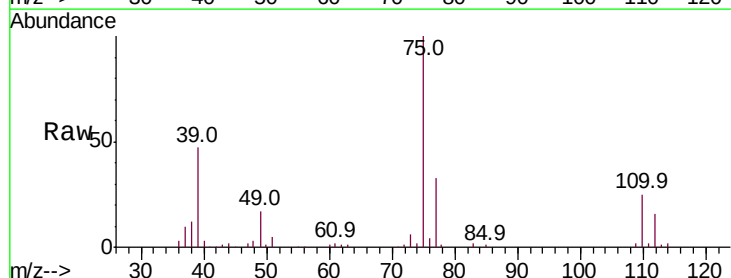
Tgt Ion: 75 Resp: 91337

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

39 46.8 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

9.84

60000

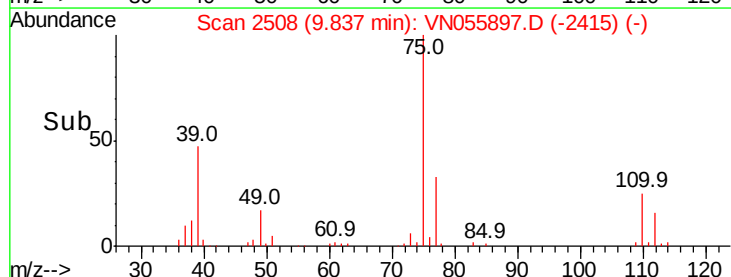
40000

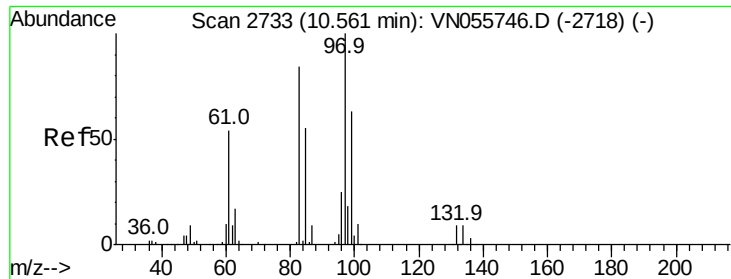
20000

0

Time-->

9.75 9.80 9.85 9.90 9.95

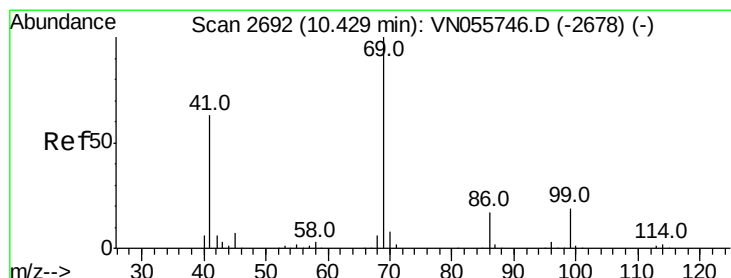
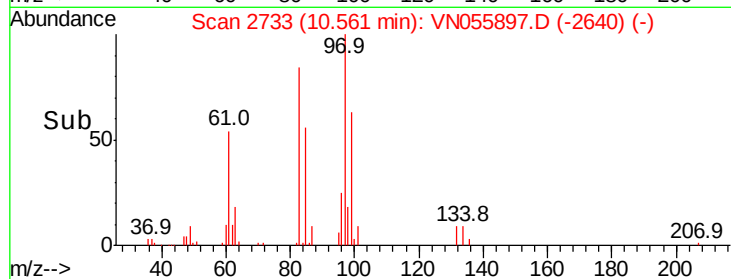
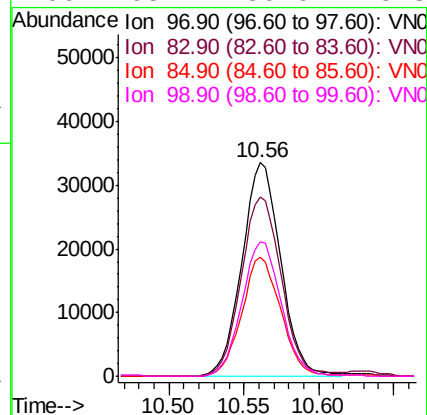
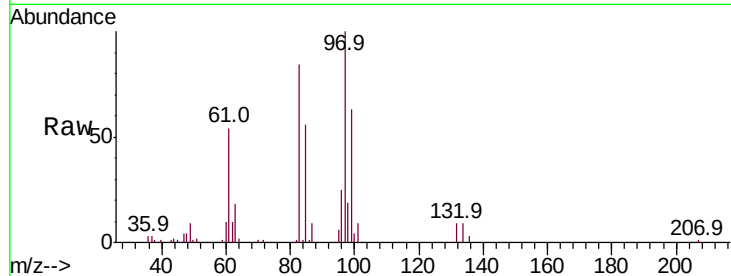




#55
 1,1,2-Trichloroethane
 Concen: 20.079 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

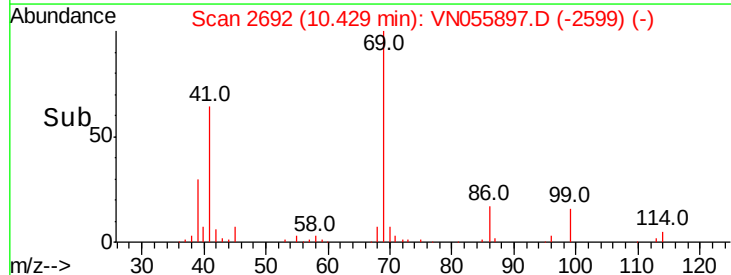
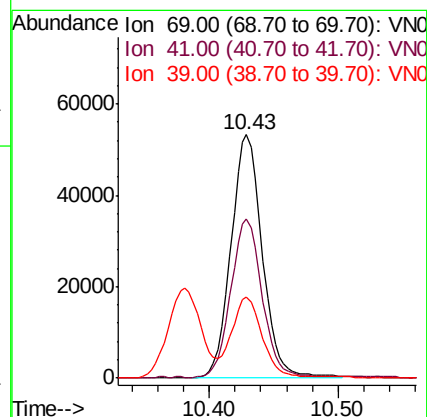
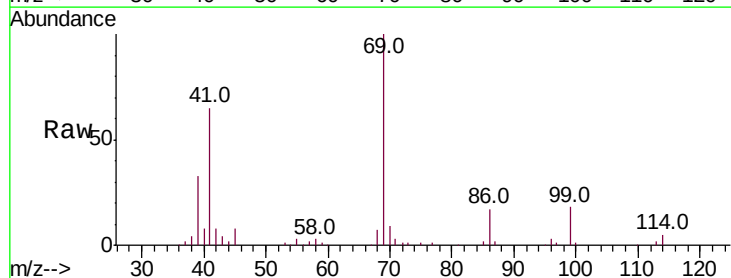
Instrument :
 MSVOA_N
 ClientSampled :

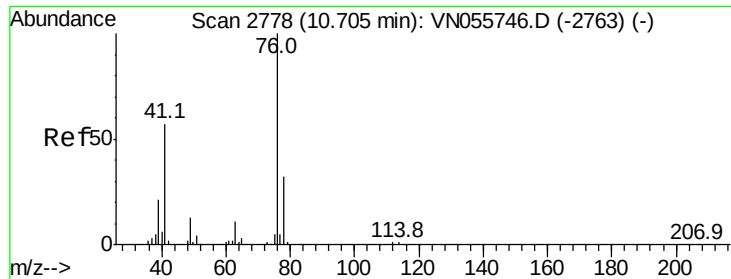
Tot Ion:	97	Resp:	60683
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.0	100.6
85	56.0	44.0	66.0
99	63.1	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.201 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion:	69	Resp:	89687
Ion	Ratio	Lower	Upper
69	100		
41	64.7	49.7	74.5
39	32.2	24.7	37.1

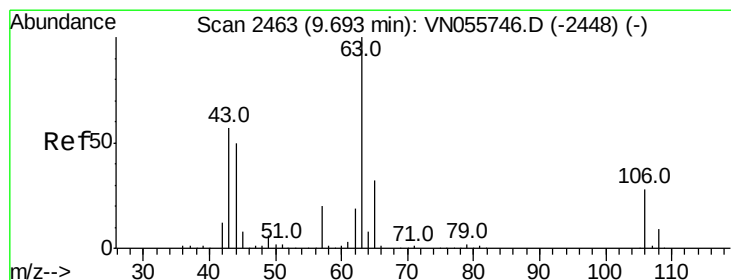
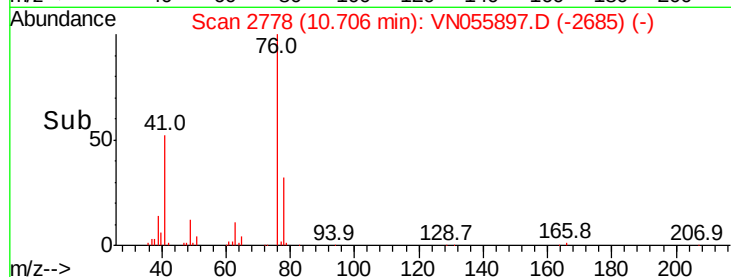
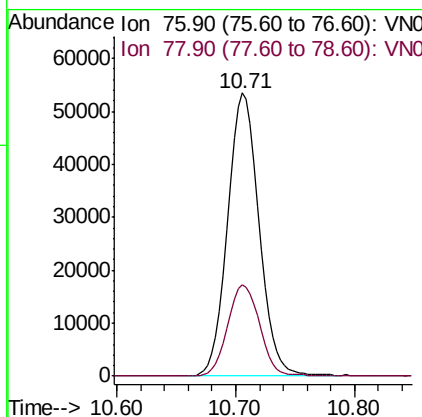
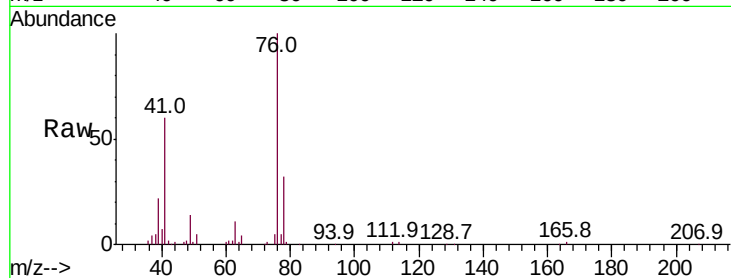




#57
 1,3-Dichloropropane
 Concen: 19.995 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

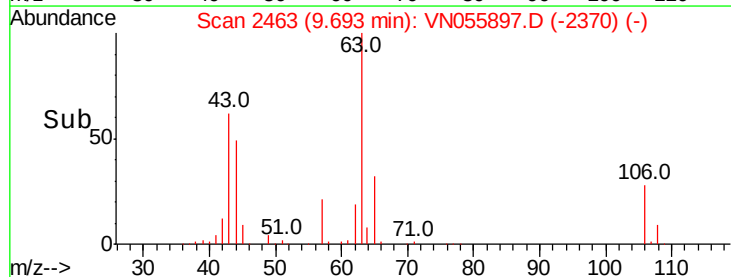
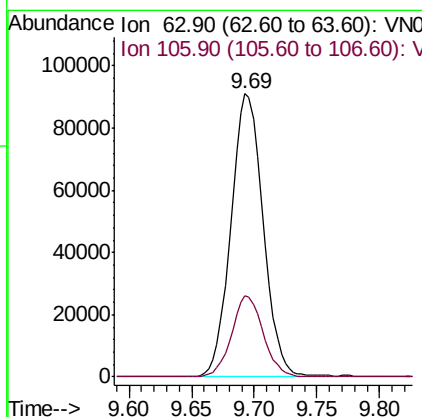
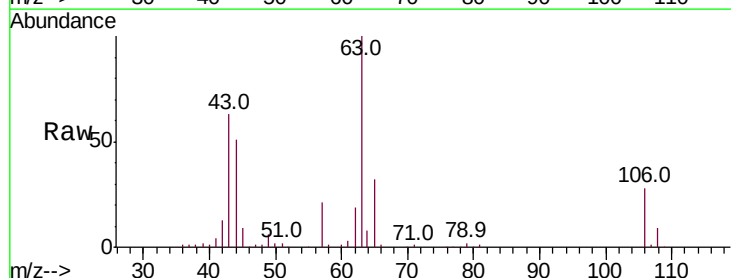
Instrument :
 MSVOA_N
 ClientSampled :

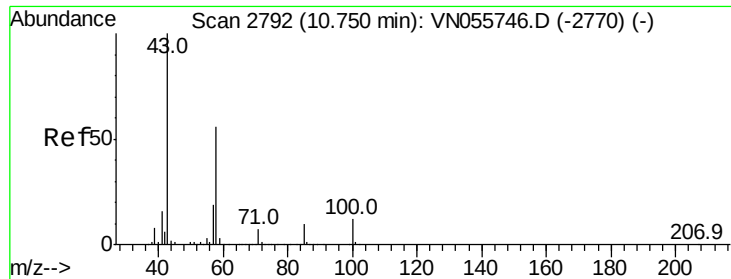
Tot Ion: 76 Resp: 98227
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.297 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 63 Resp: 162965
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

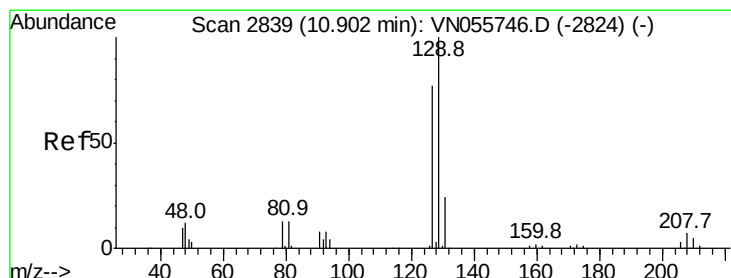
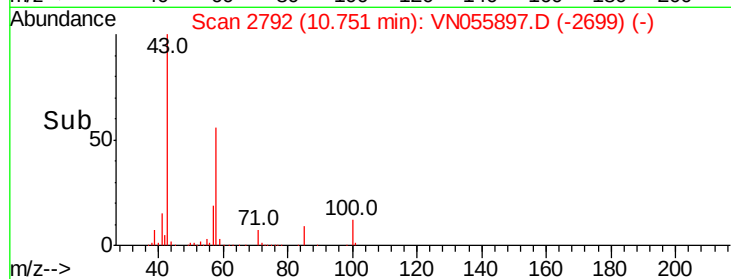
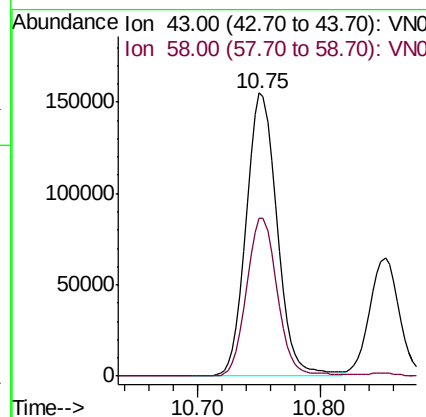
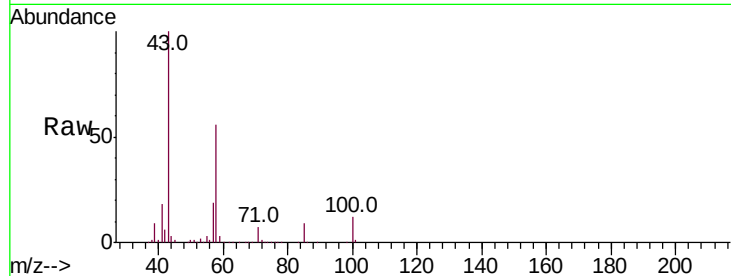




#59
2-Hexanone
Concen: 99.501 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

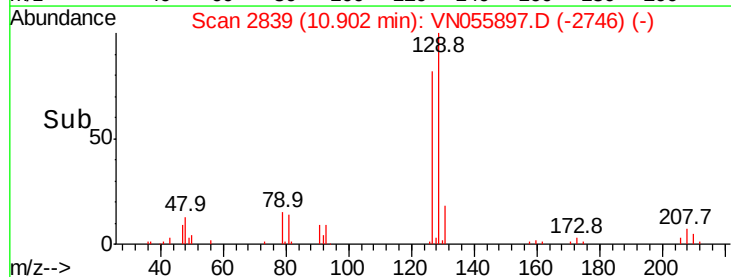
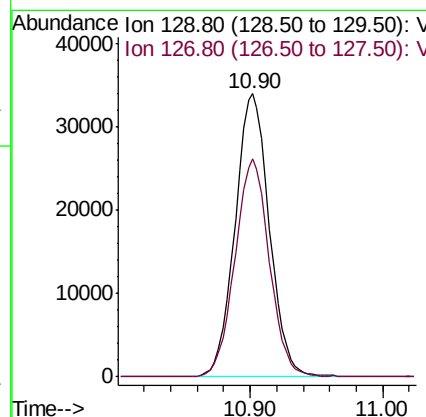
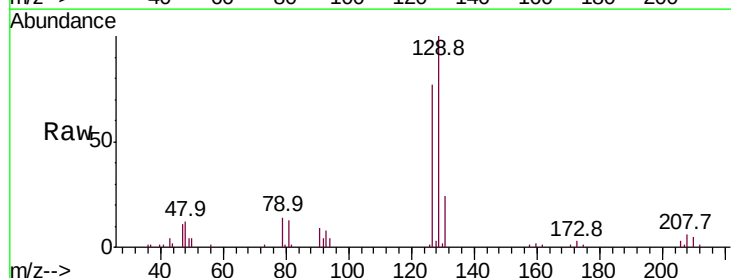
Instrument :
MSVOA_N
ClientSampleId :

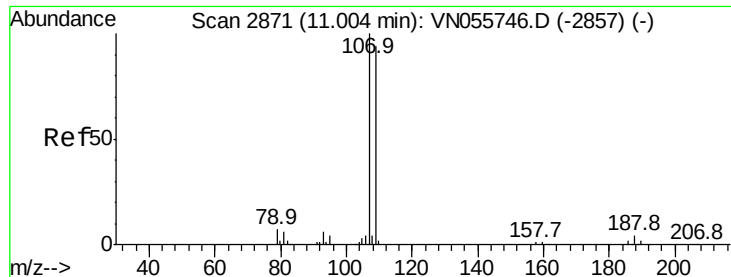
Tot Ion: 43 Resp: 269445
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.7



#60
Dibromochloromethane
Concen: 17.298 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 129 Resp: 60901
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3

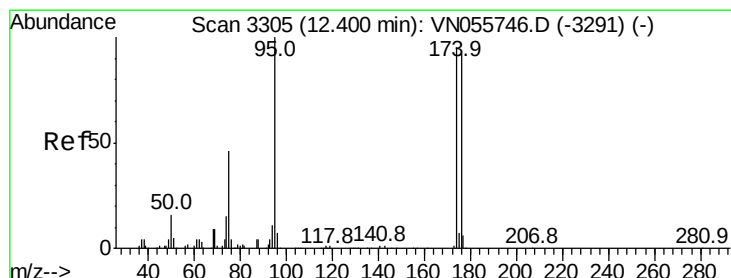
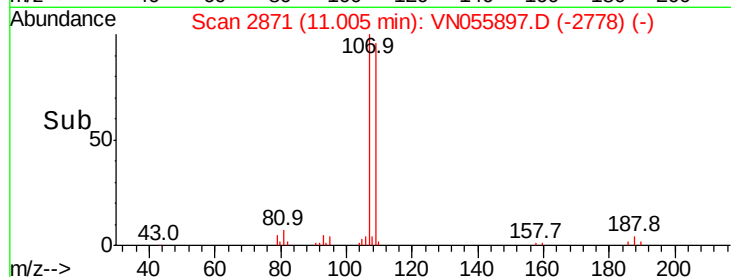
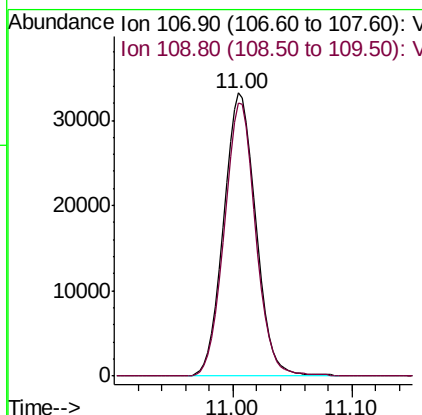
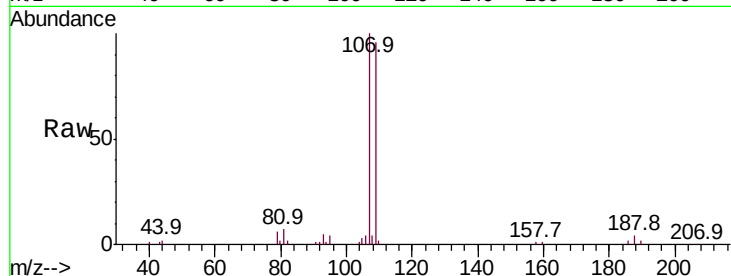




#61
 1,2-Dibromoethane
 Concen: 19.801 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

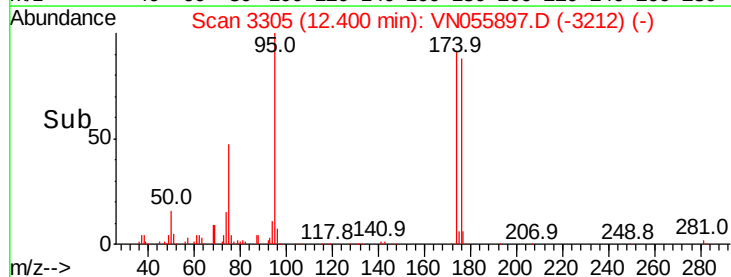
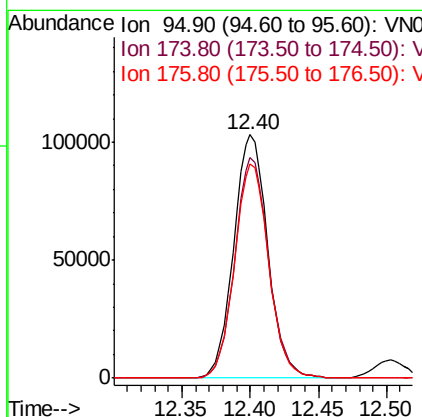
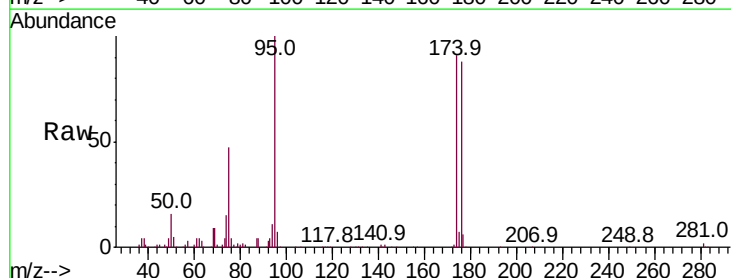
Instrument :
 MSVOA_N
 ClientSampleId :

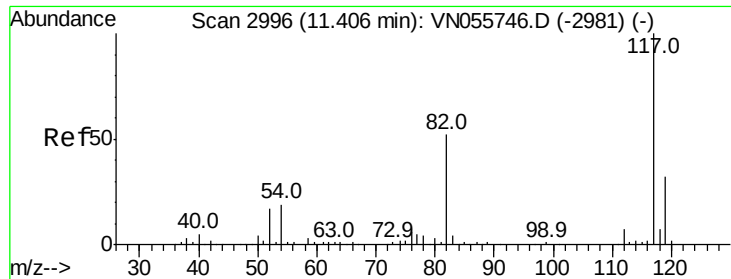
Tot Ion:107 Resp: 62074
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.062 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion: 95 Resp: 178739
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 191.0
 176 88.0 0.0 185.2

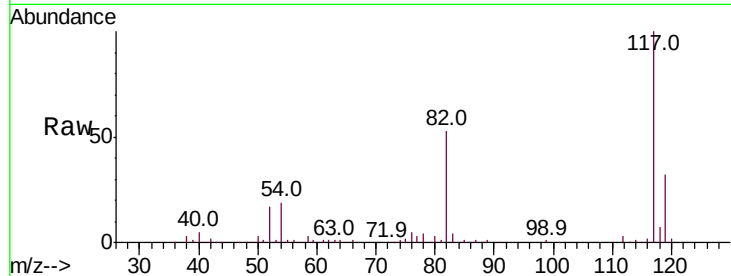




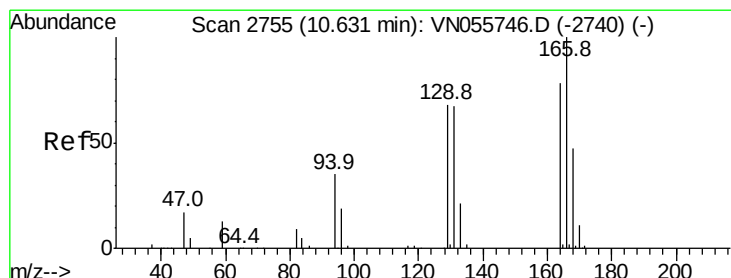
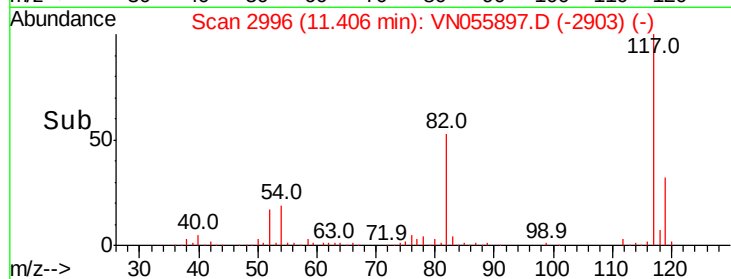
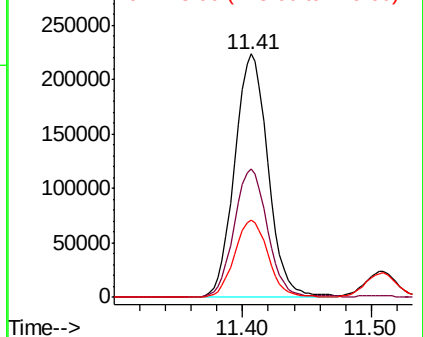
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 403449
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 31.6 25.4 38.0

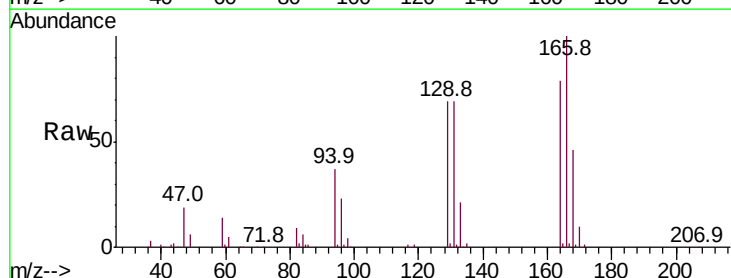


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

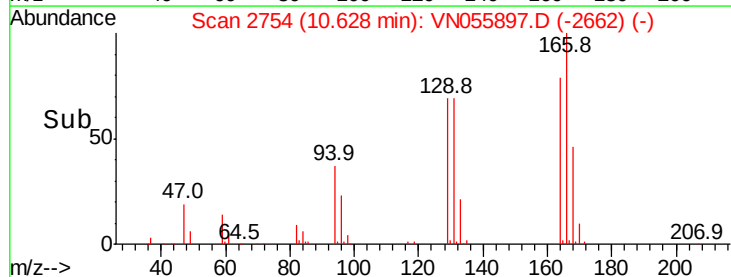
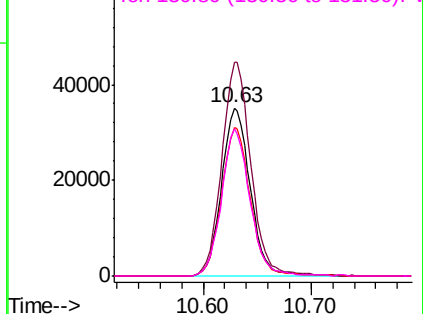


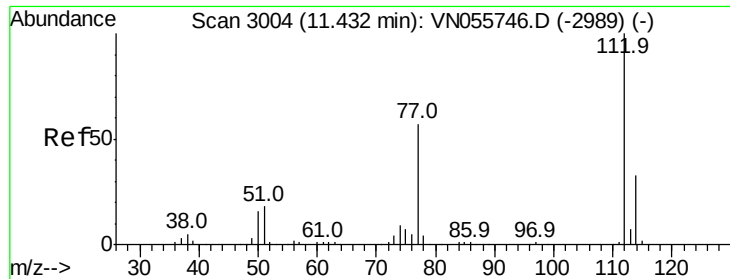
#64
Tetrachloroethene
Concen: 19.079 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion:164 Resp: 64922
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.6
129 88.4 70.6 105.8
131 87.6 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

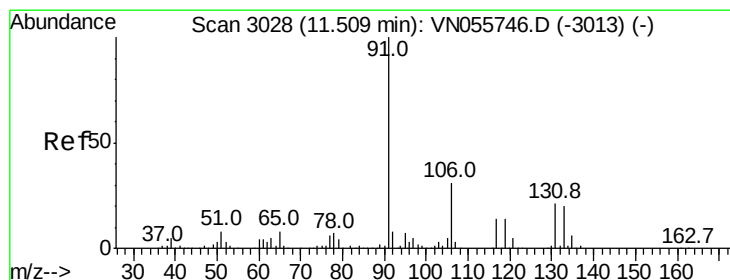
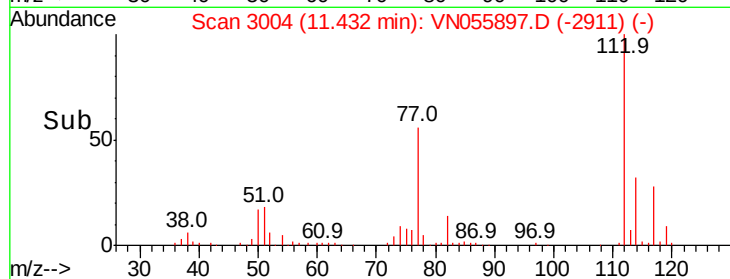
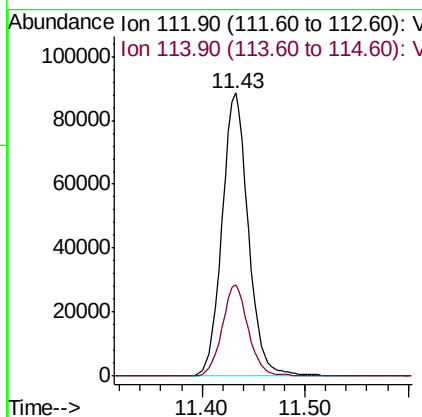
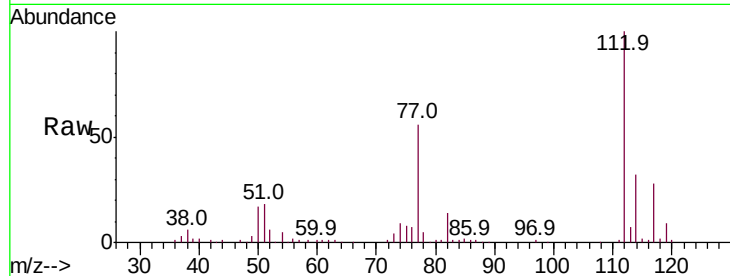




#65
Chlorobenzene
Concen: 19.417 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

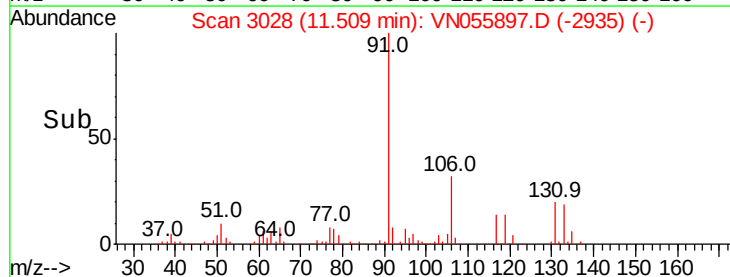
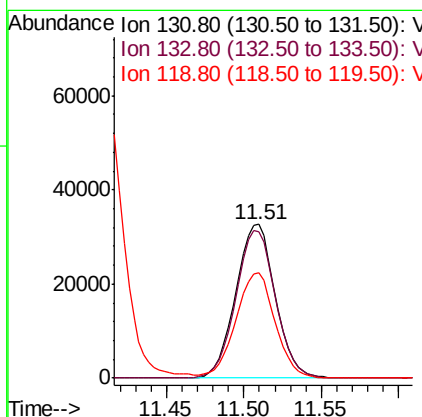
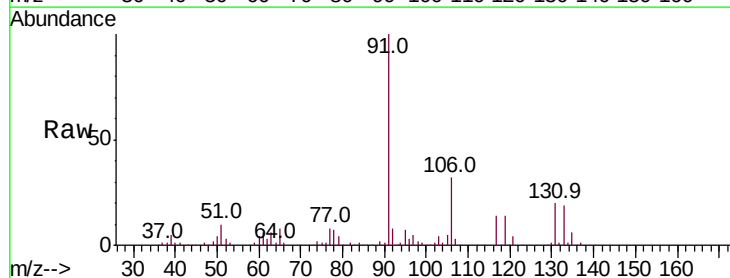
Instrument :
MSVOA_N
ClientSampled :

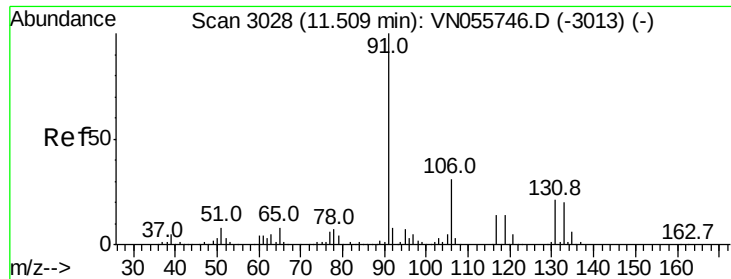
Tot Ion:112 Resp: 156824
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.991 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion:131 Resp: 57953
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 68.4 33.1 99.5

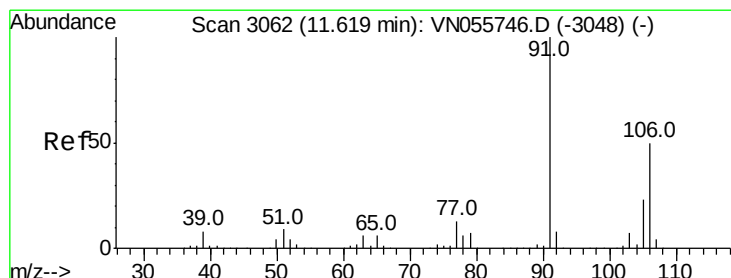
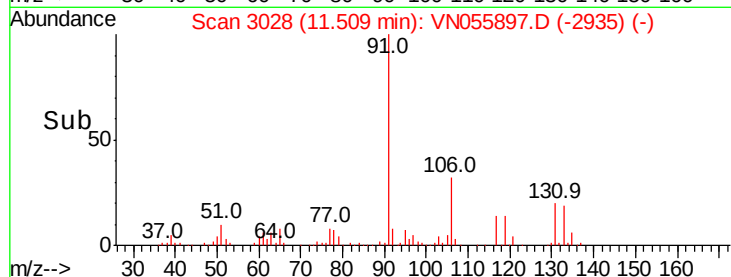
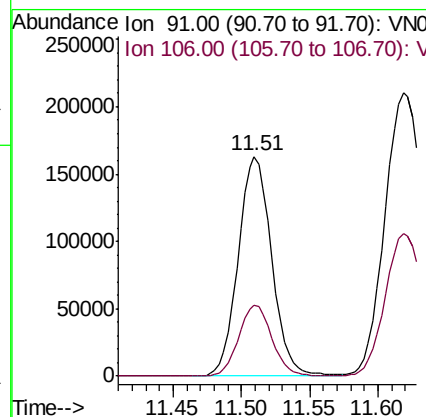
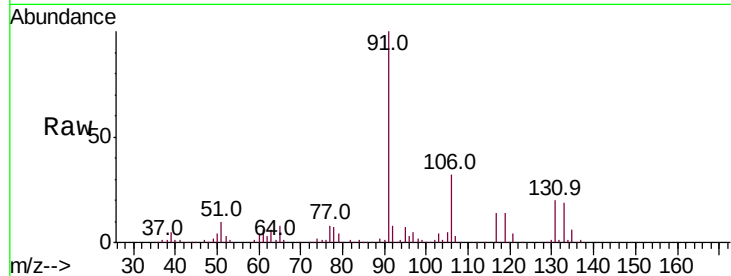




#67
Ethyl Benzene
Concen: 19.220 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

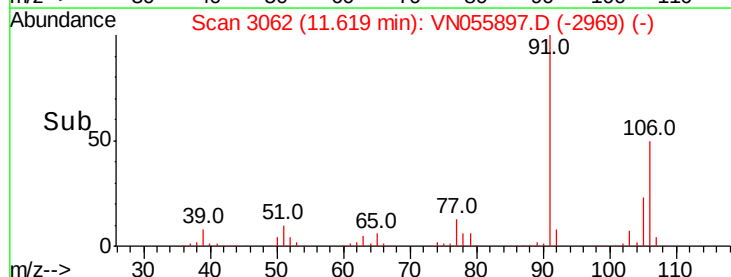
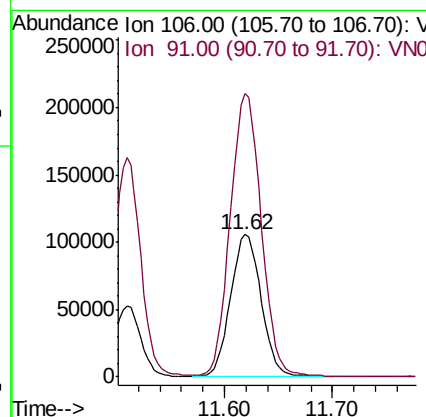
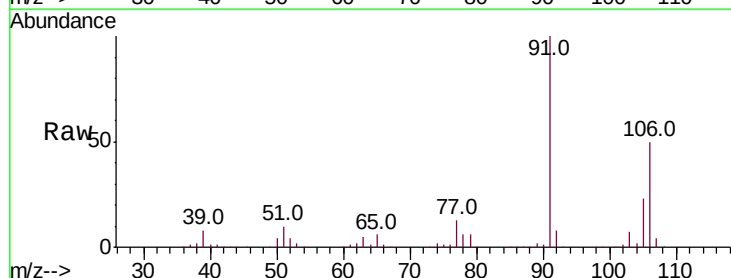
Instrument :
MSVOA_N
ClientSampled :

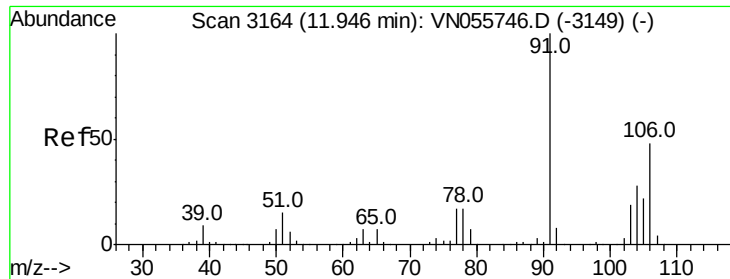
Tot Ion: 91 Resp: 278382
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 38.451 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 106 Resp: 210540
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

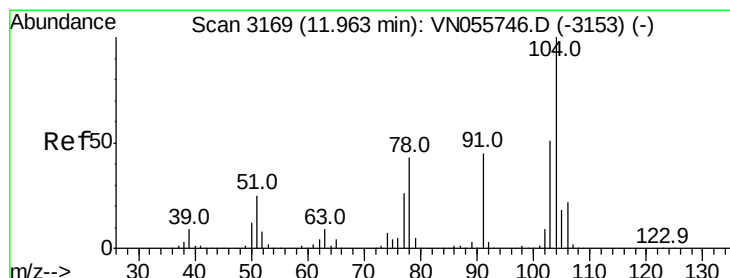
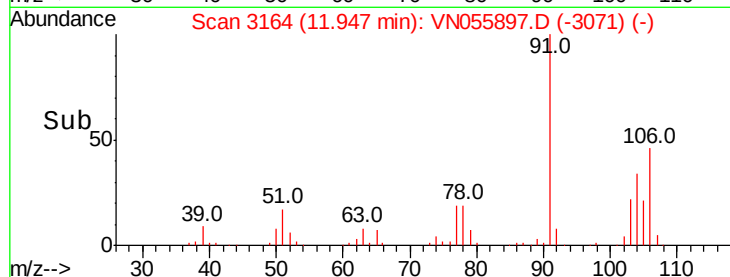
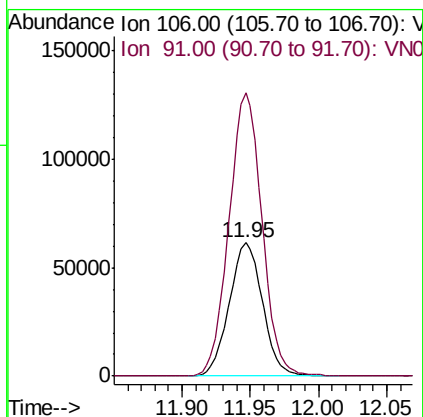
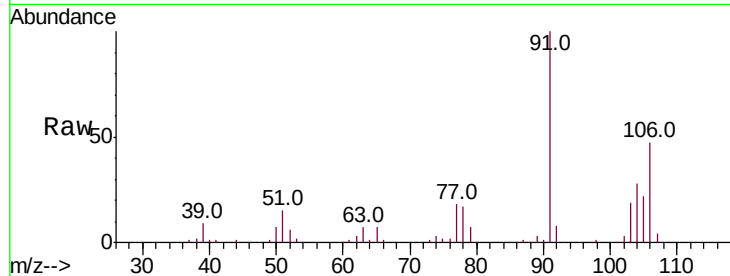




#69
o-Xylene
Concen: 19.205 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

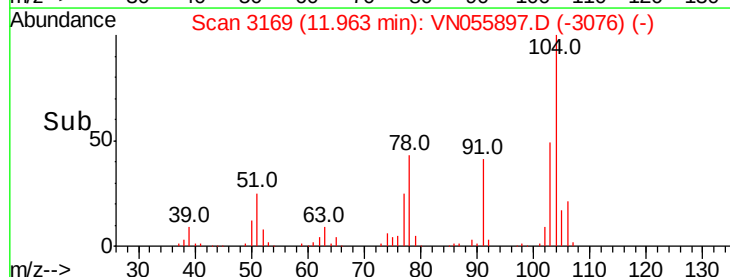
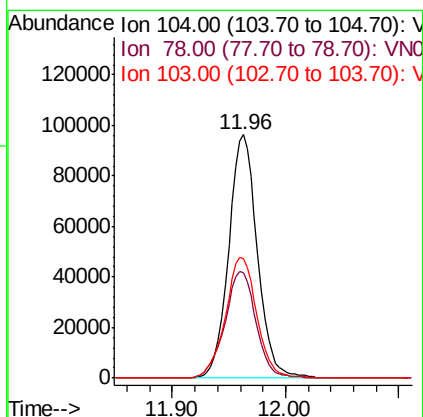
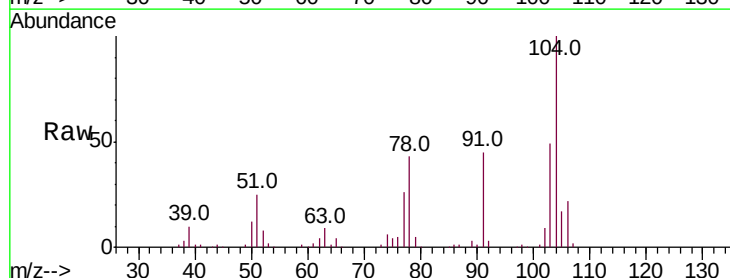
Instrument :
MSVOA_N
ClientSampleId :

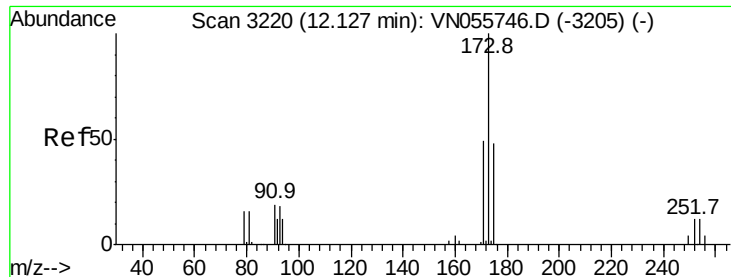
Tot Ion:106 Resp: 104330
Ion Ratio Lower Upper
106 100
91 210.4 104.7 314.1



#70
Styrene
Concen: 19.276 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion:104 Resp: 169577
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 54.4 44.2 66.2





#71

Bromoform

Concen: 15.436 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

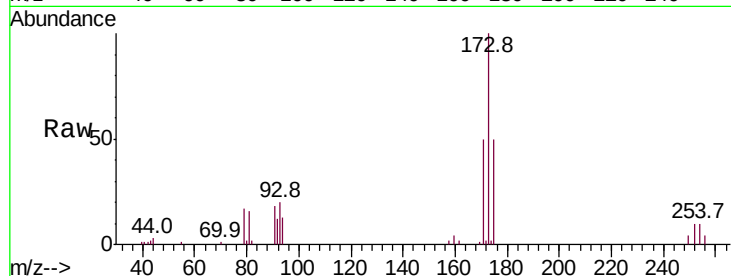
Tot Ion:173 Resp: 42413

Ion Ratio Lower Upper

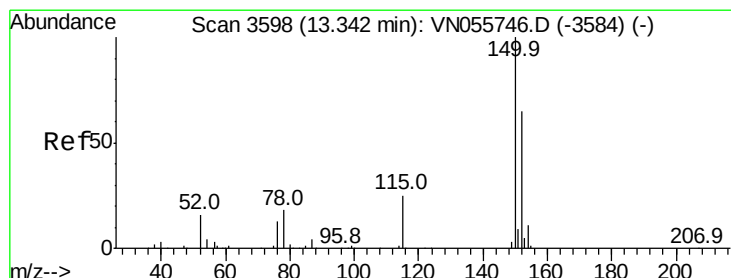
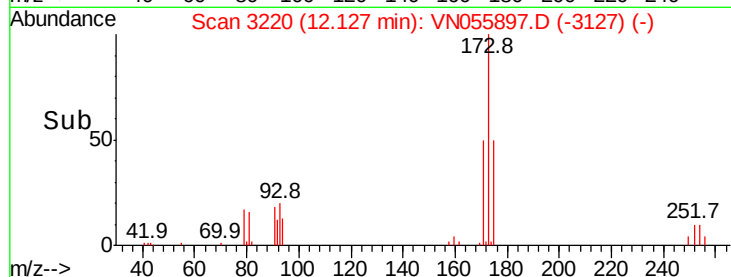
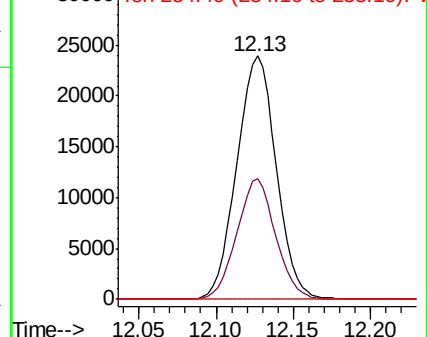
173 100

175 48.5 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: VN055897.D

Acq: 30 May 2019 13:48

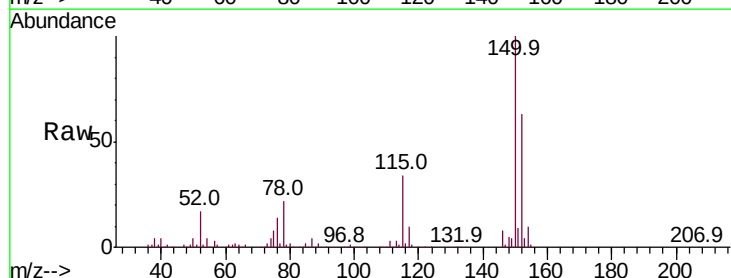
Tgt Ion:152 Resp: 161990

Ion Ratio Lower Upper

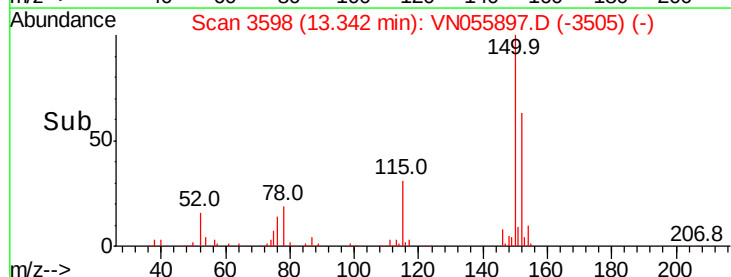
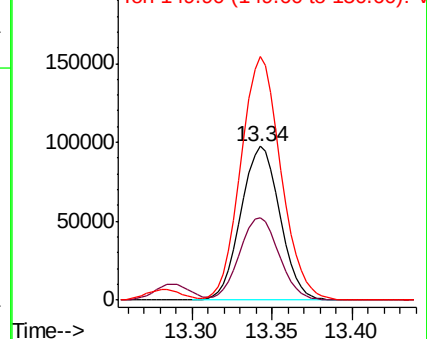
152 100

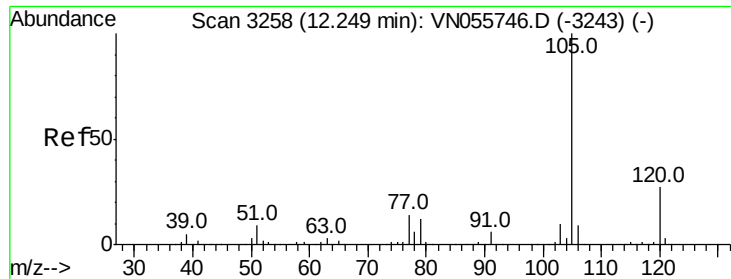
115 54.5 27.0 81.0

150 163.3 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: 22.569 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

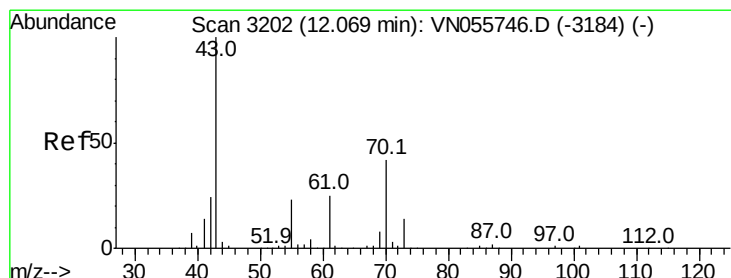
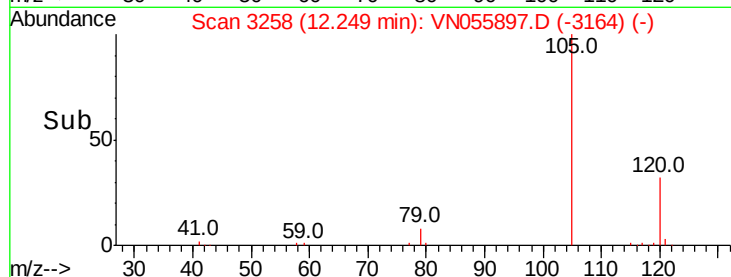
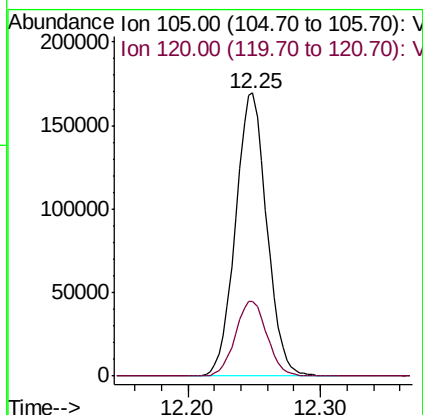
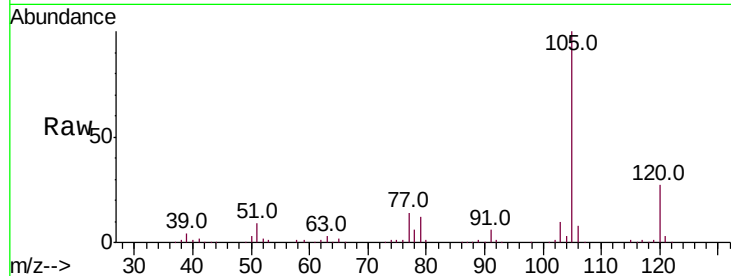
ClientSampleId :

Tot Ion:105 Resp: 276921

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 21.704 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Tgt Ion: 43 Resp: 100864

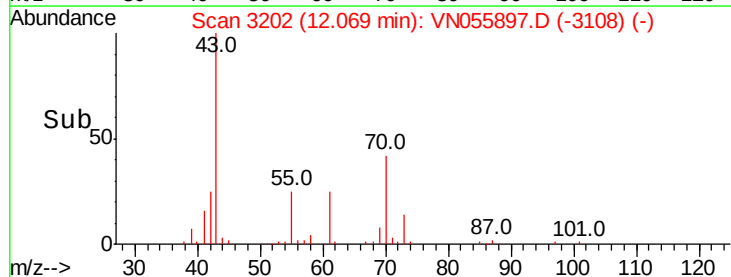
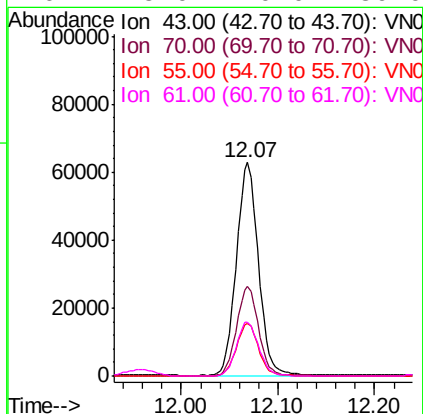
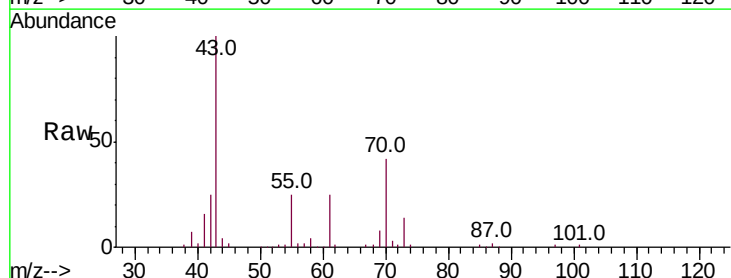
Ion Ratio Lower Upper

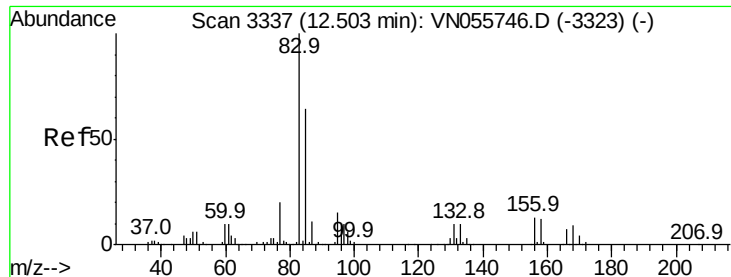
43 100

70 41.5 34.0 51.0

55 24.5 18.6 28.0

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.973 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampleId :

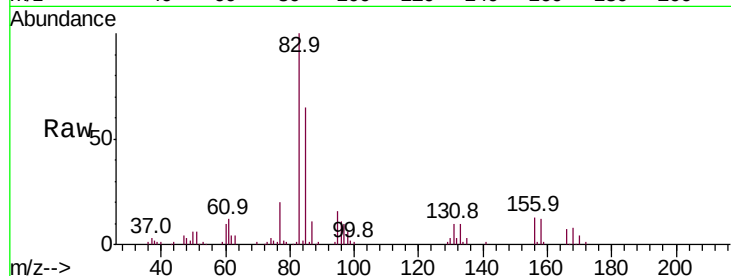
Tot Ion: 83 Resp: 84510

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

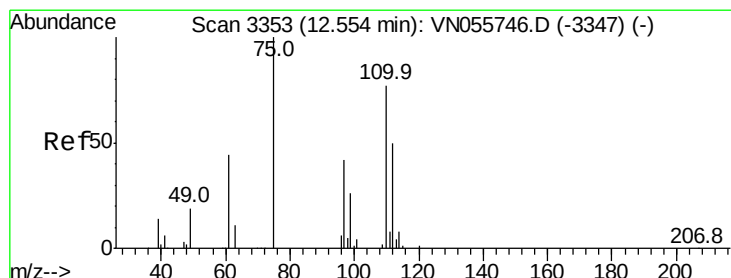
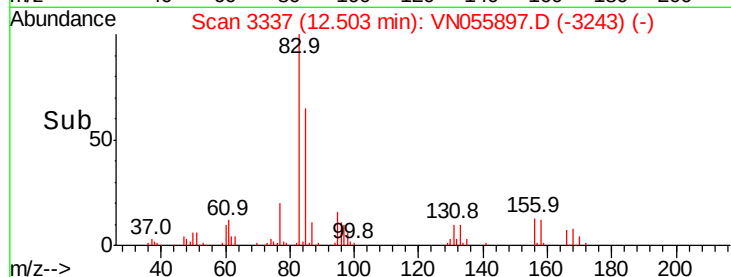
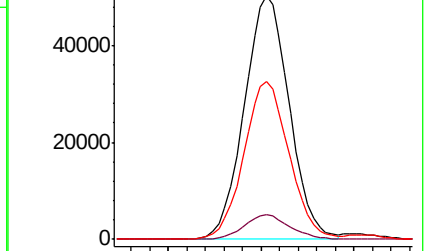
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055897.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055897.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055897.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 34.624 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055897.D

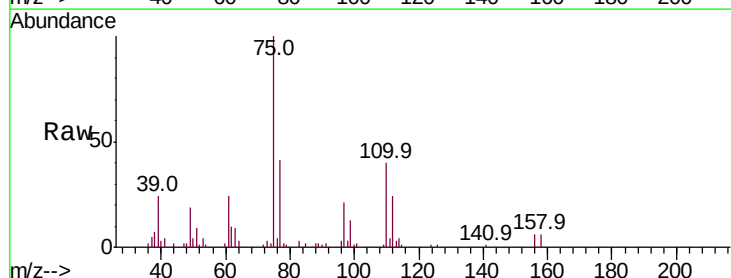
Acq: 30 May 2019 13:48

Tgt Ion: 75 Resp: 99278

Ion Ratio Lower Upper

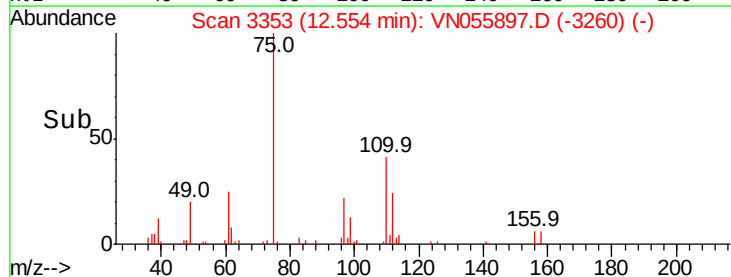
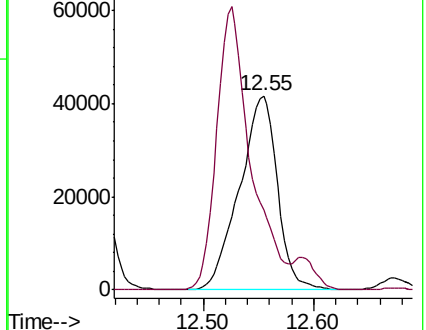
75 100

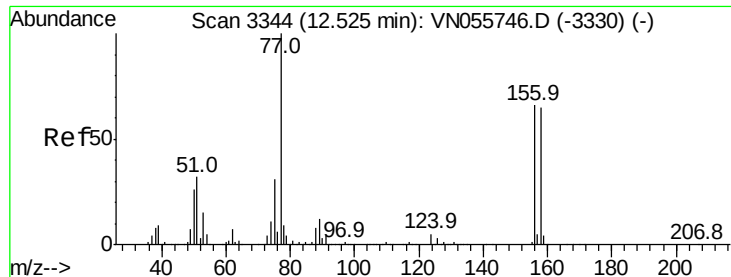
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055897.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055897.D (-3260) (-)





#77

Bromobenzene

Concen: 20.844 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

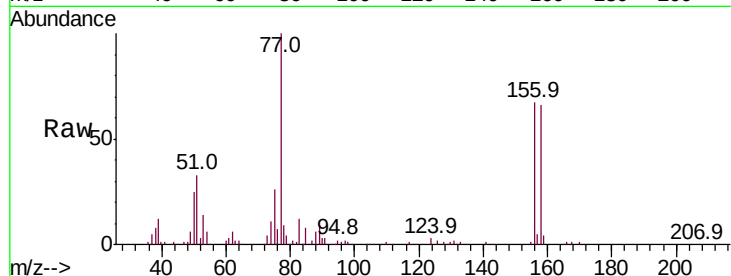
Tot Ion:156 Resp: 72053

Ion Ratio Lower Upper

156 100

77 180.7 90.8 272.5

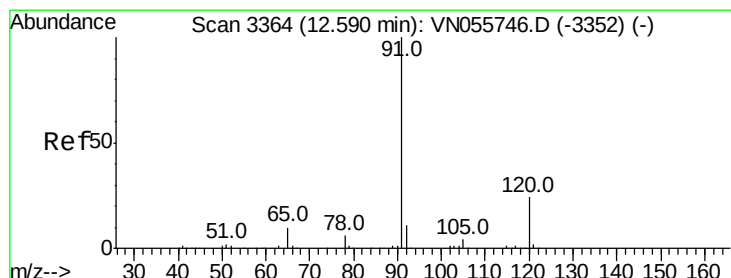
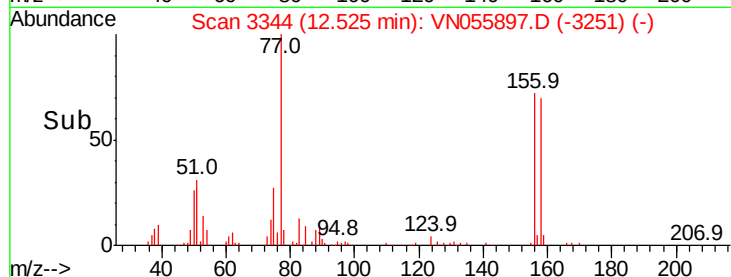
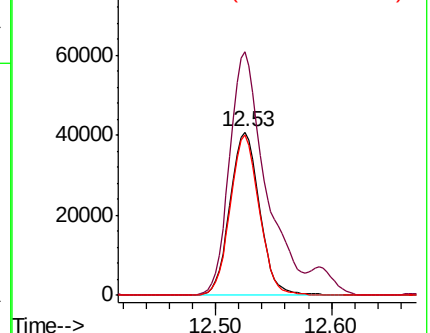
158 95.6 49.3 147.8



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: 20.476 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055897.D

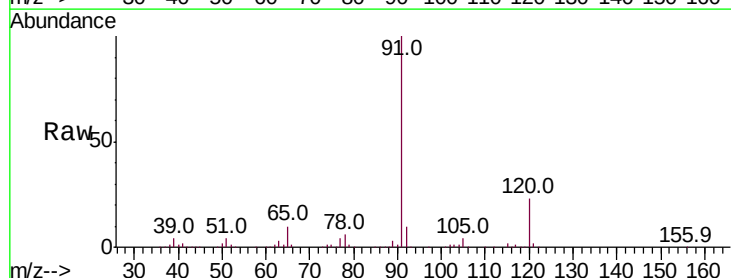
Acq: 30 May 2019 13:48

Tgt Ion: 91 Resp: 288281

Ion Ratio Lower Upper

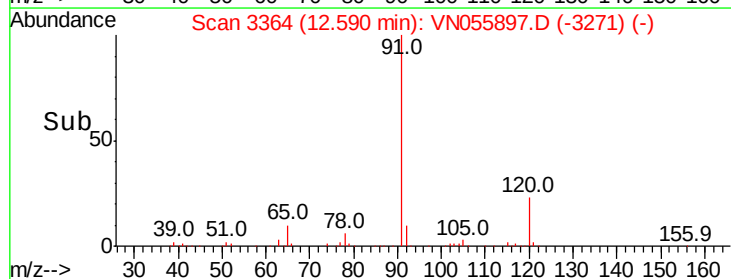
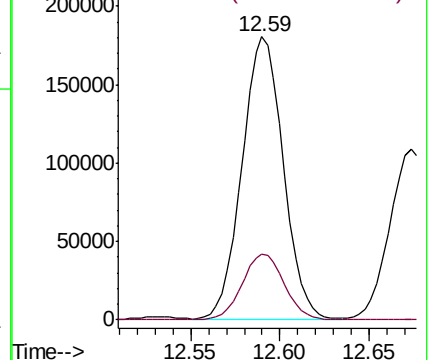
91 100

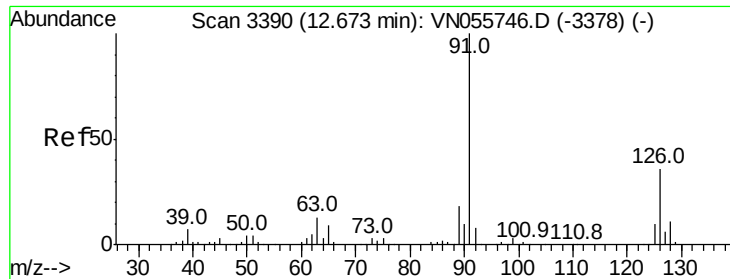
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

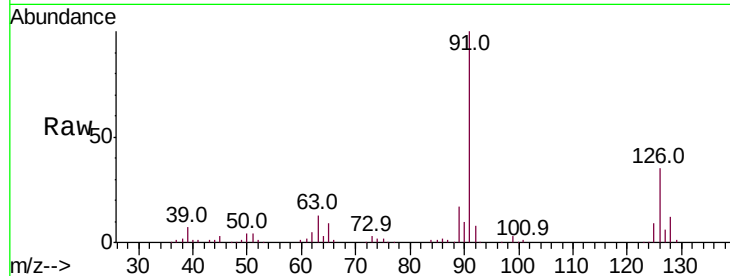




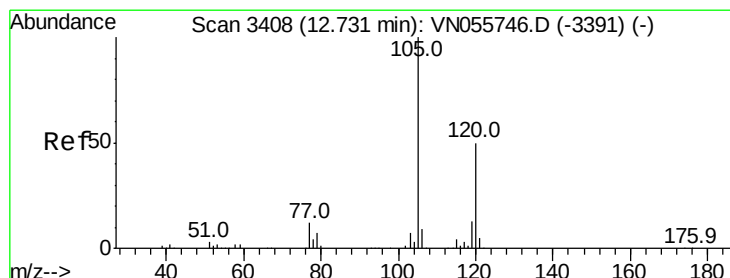
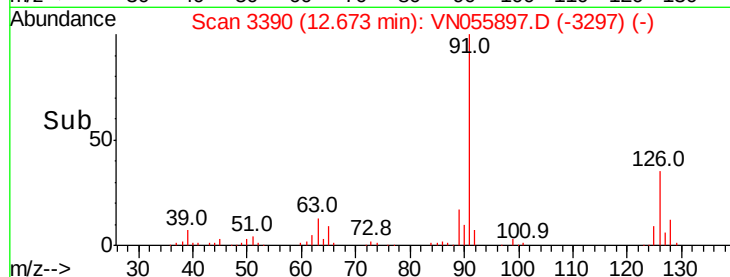
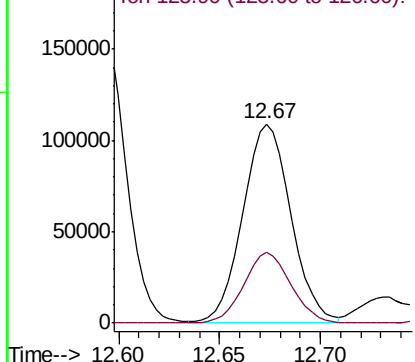
#79
2-Chlorotoluene
Concen: 22.488 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 181178
Ion Ratio Lower Upper
91 100
126 35.2 18.1 54.4

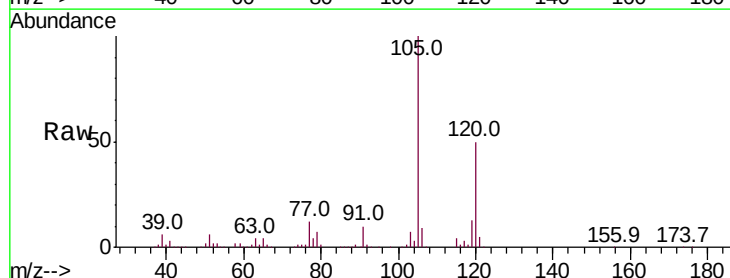


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

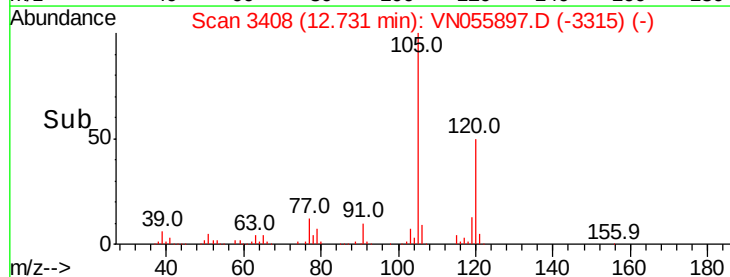
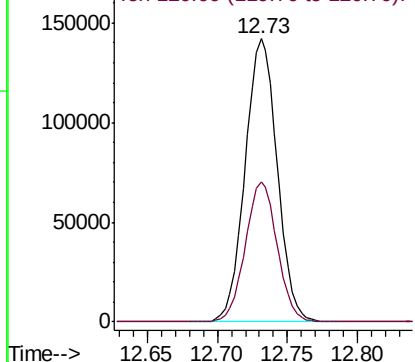


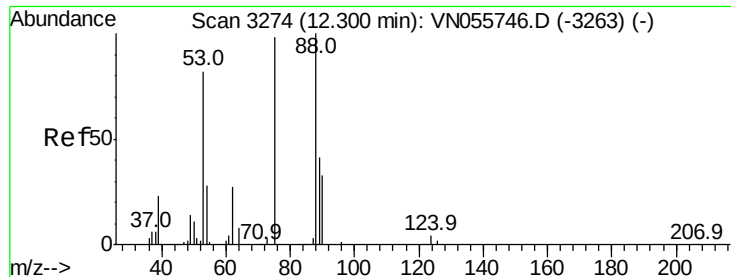
#80
1,3,5-Trimethylbenzene
Concen: 21.903 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion:105 Resp: 226393
Ion Ratio Lower Upper
105 100
120 49.3 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) (-)

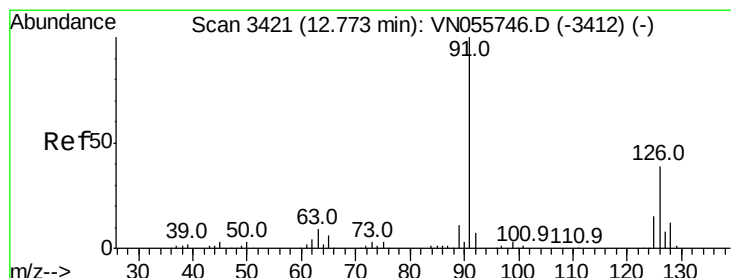
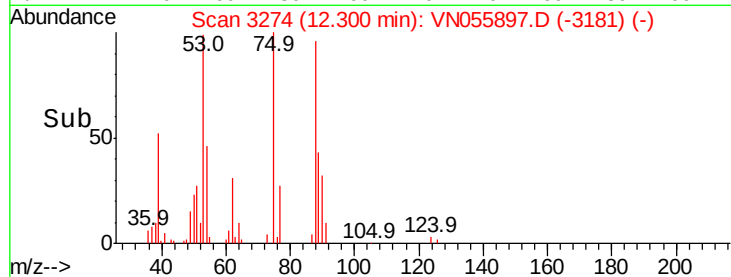
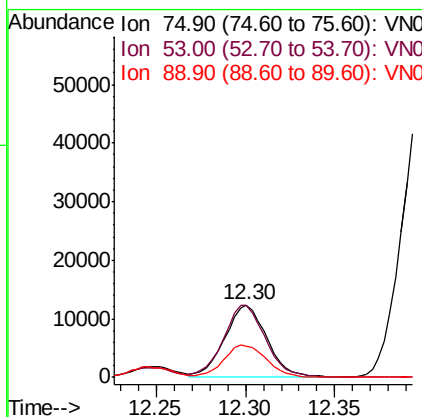
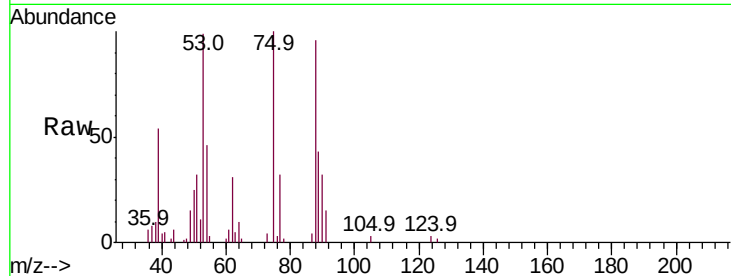




#81
trans-1,4-Dichloro-2-butene
Concen: 16.935 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

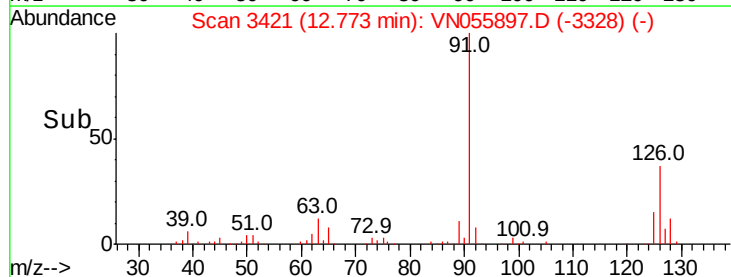
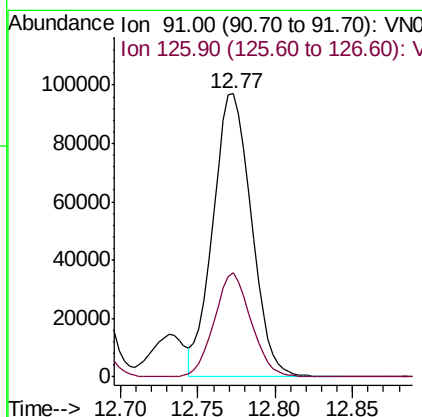
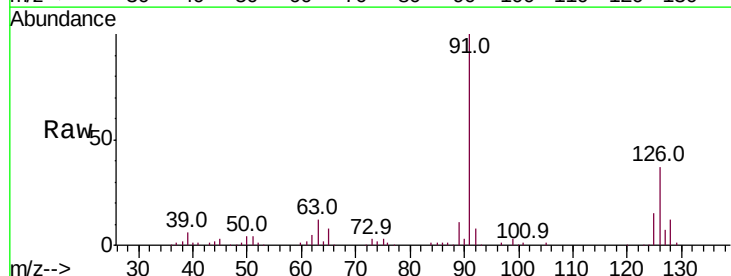
Instrument :
MSVOA_N
ClientSampled :

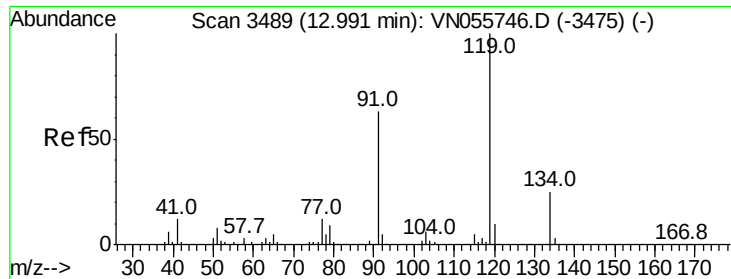
Tot Ion: 75 Resp: 20389
Ion Ratio Lower Upper
75 100
53 99.3 68.1 102.1
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.340 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 91 Resp: 168334
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3

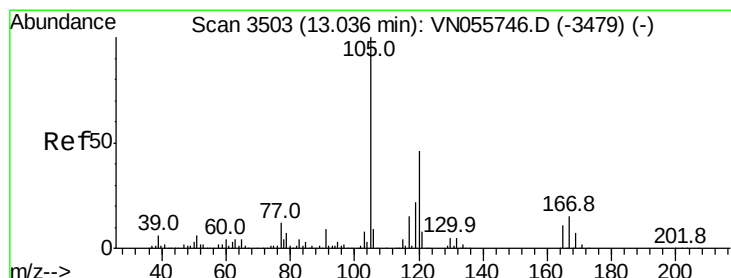
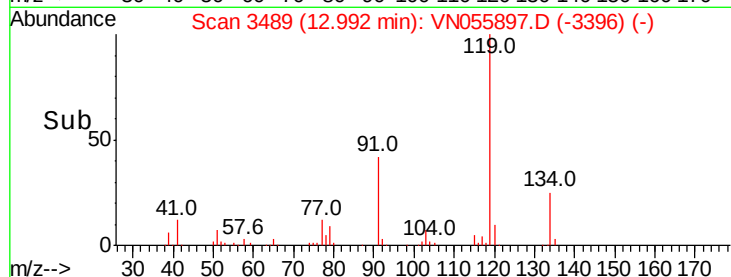
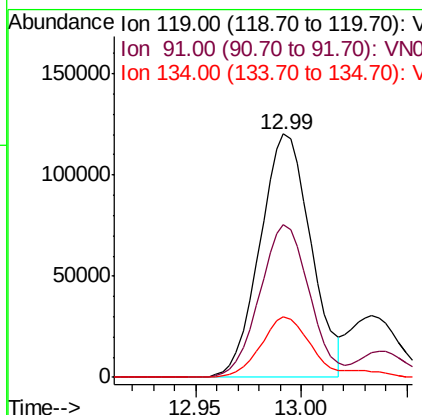
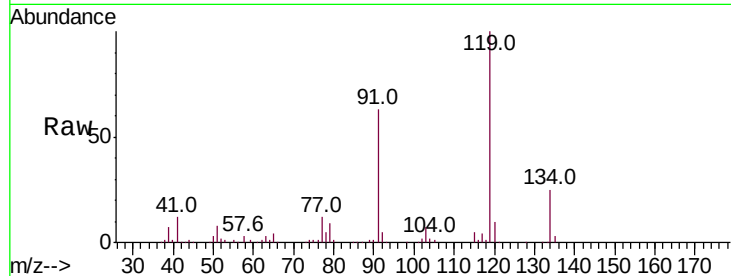




#83
 tert-Butylbenzene
 Concen: 22.392 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

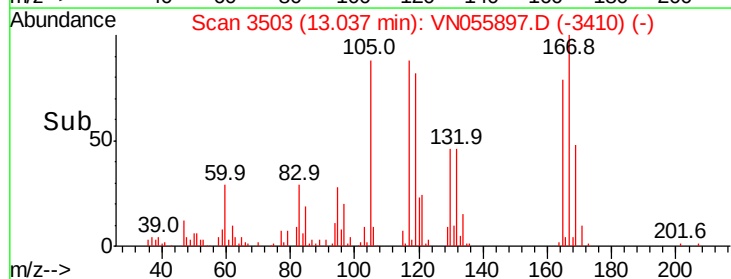
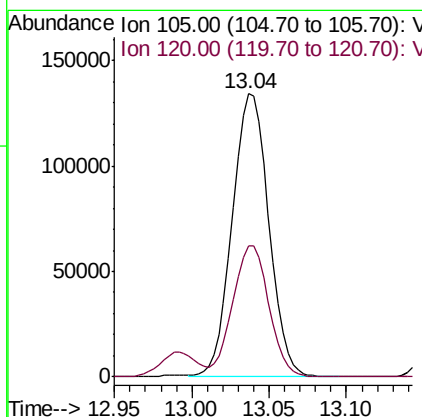
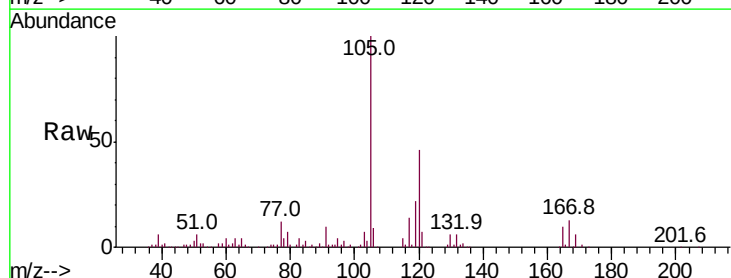
Instrument :
 MSVOA_N
 ClientSampleId :

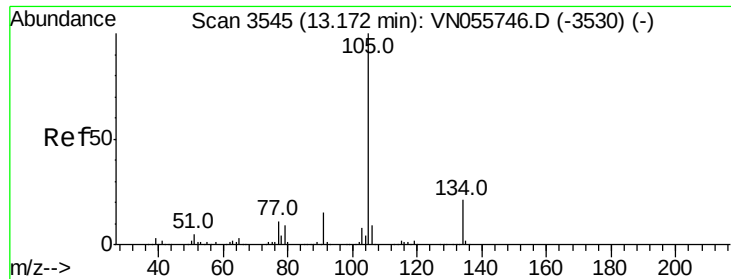
Tot Ion:119 Resp: 201745
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.9 92.8
 134 24.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.308 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion:105 Resp: 219344
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.920 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

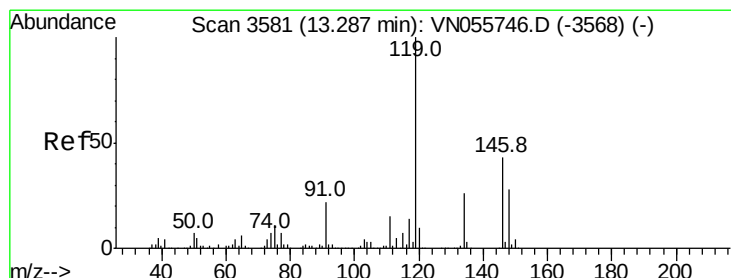
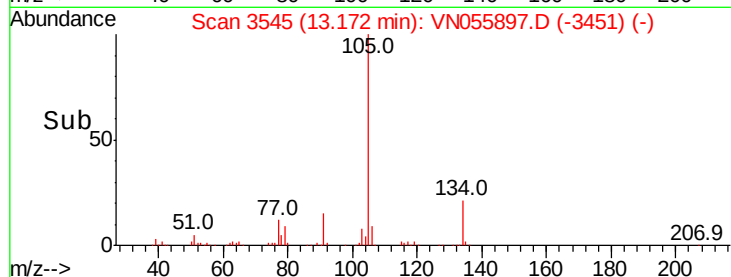
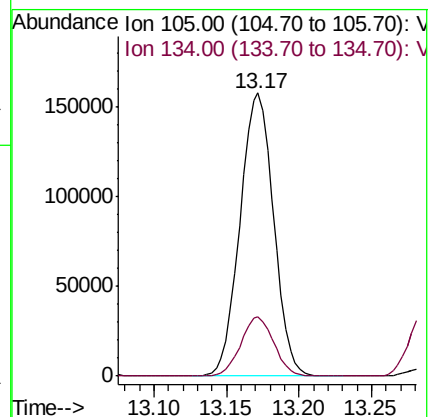
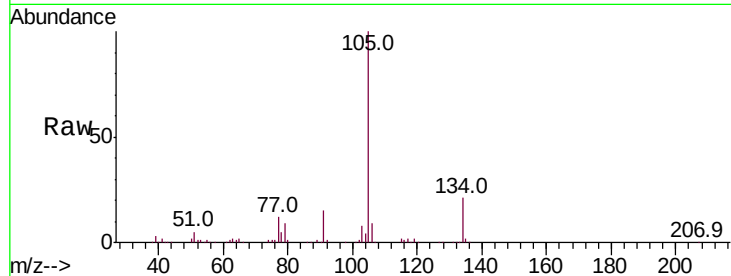
ClientSampleId :

Tot Ion:105 Resp: 253495

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.092 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

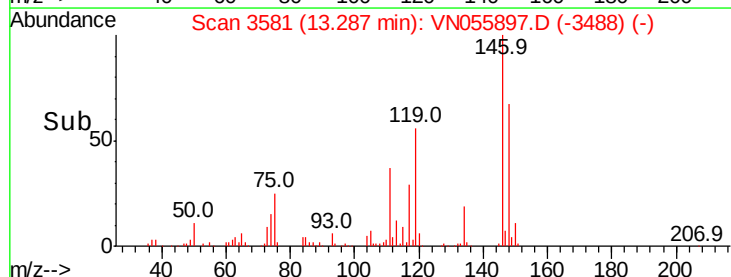
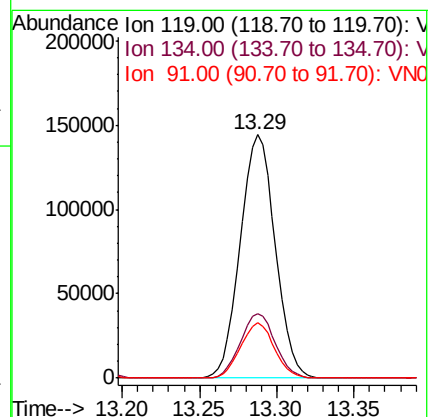
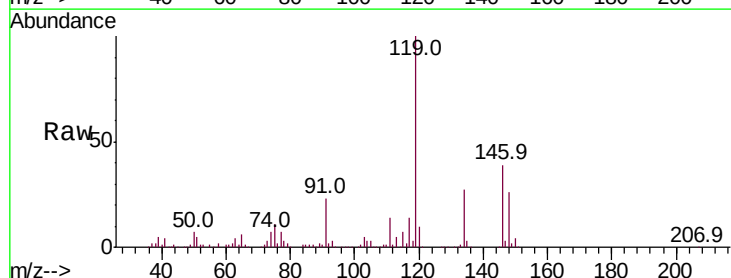
Tgt Ion:119 Resp: 226025

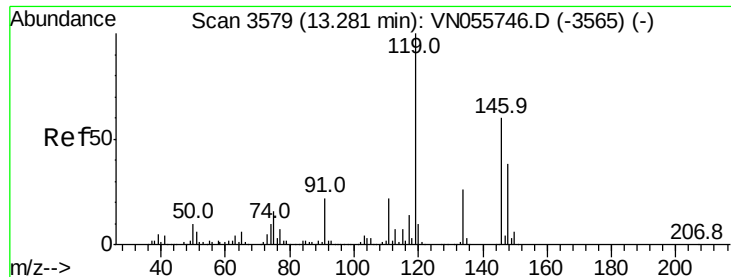
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.1 10.9 32.9

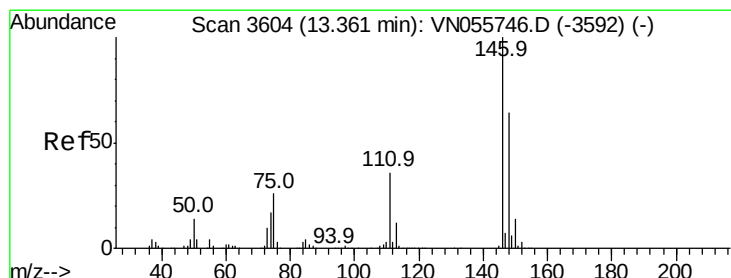
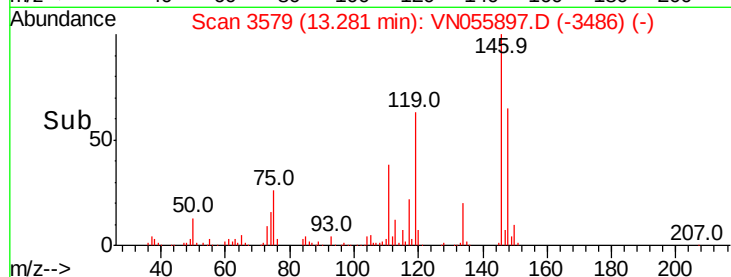
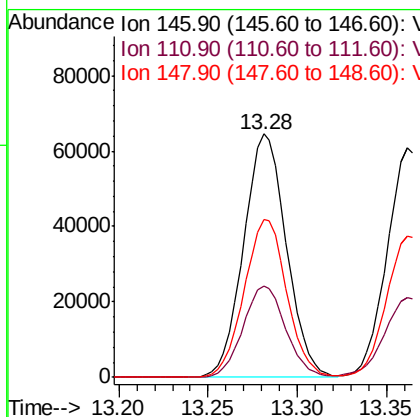
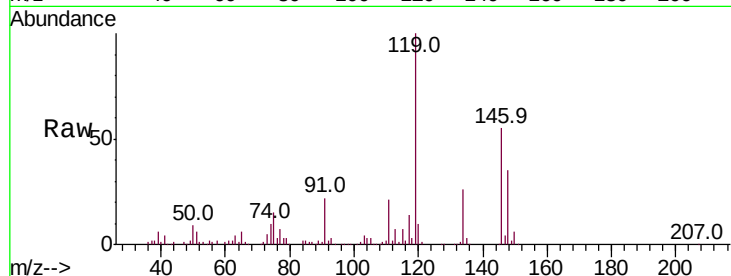




#87
 1,3-Dichlorobenzene
 Concen: 19.707 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

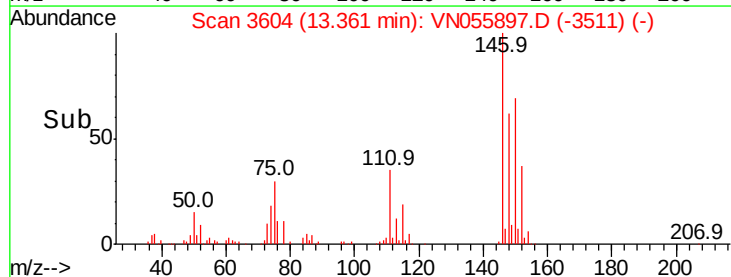
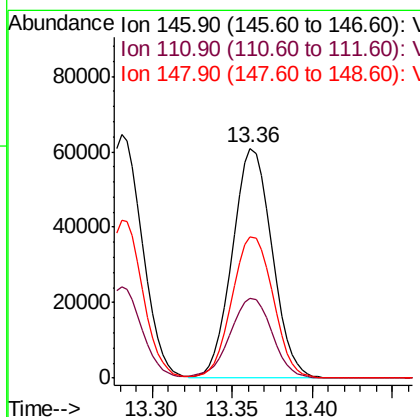
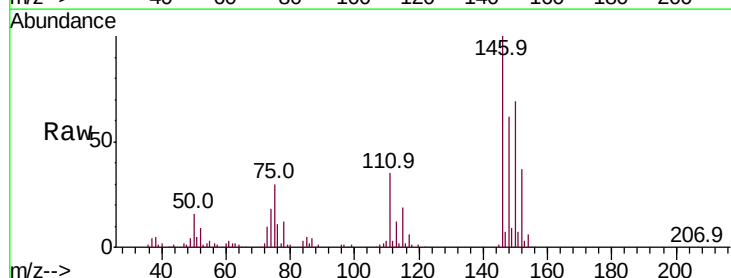
Instrument :
 MSVOA_N
 ClientSampleId :

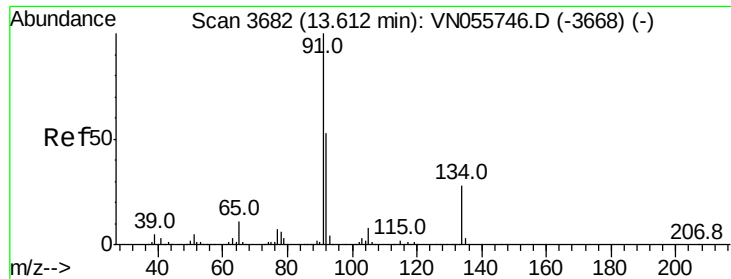
Tot Ion:146 Resp: 107867
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.5 55.5
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.803 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion:146 Resp: 103051
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.4
 148 63.7 32.1 96.5

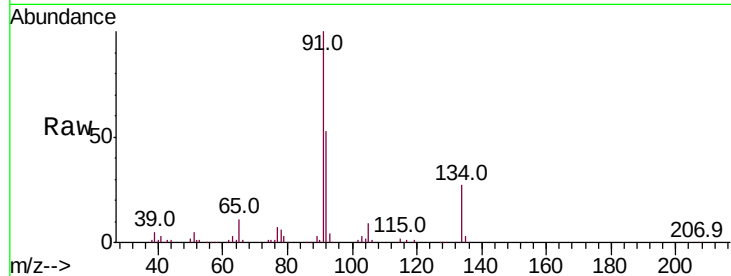




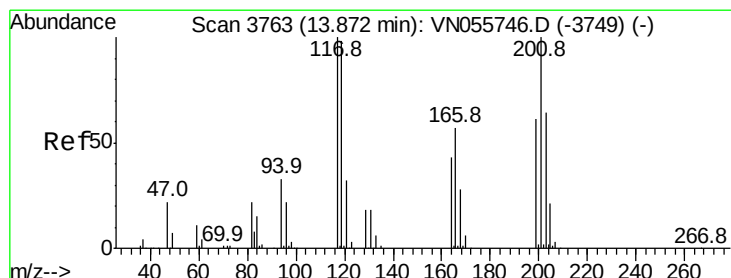
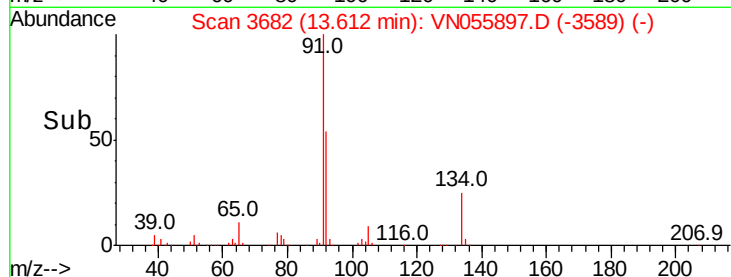
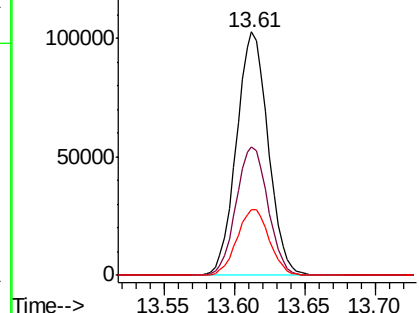
#89
n-Butylbenzene
Concen: 18.765 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 161749
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 27.5 13.9 41.7

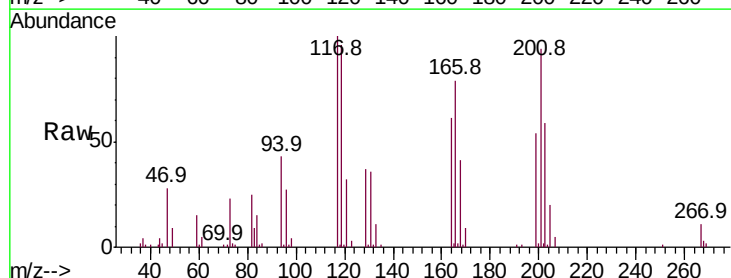


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN055746.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN055746.D (-3668) (-)

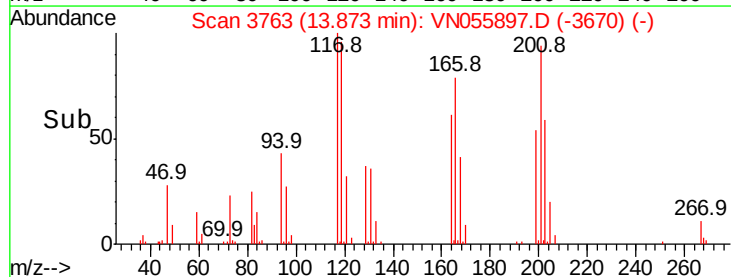
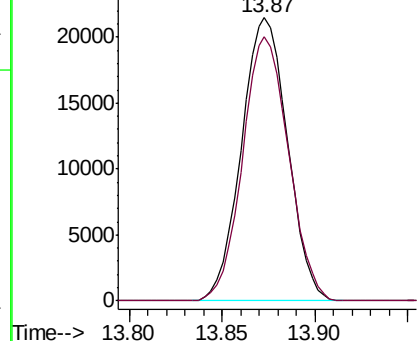


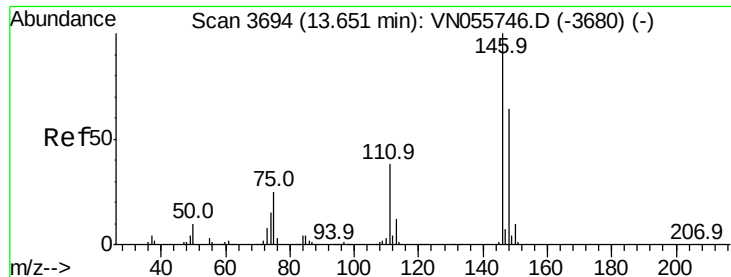
#90
Hexachloroethane
Concen: 17.262 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055897.D
Acq: 30 May 2019 13:48

Tgt Ion: 117 Resp: 36962
Ion Ratio Lower Upper
117 100
201 93.0 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN055746.D (-3749) (-)

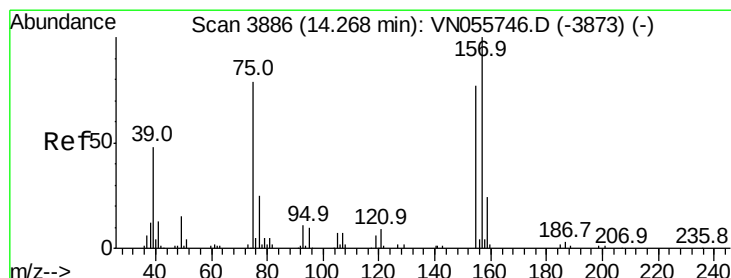
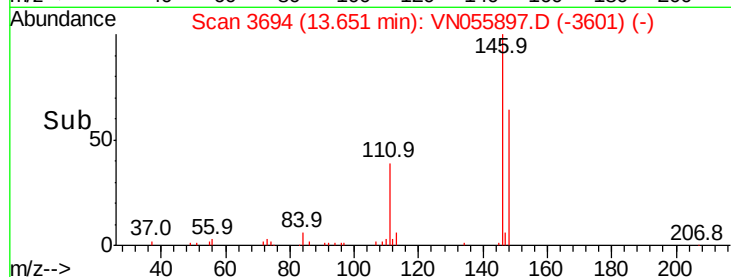
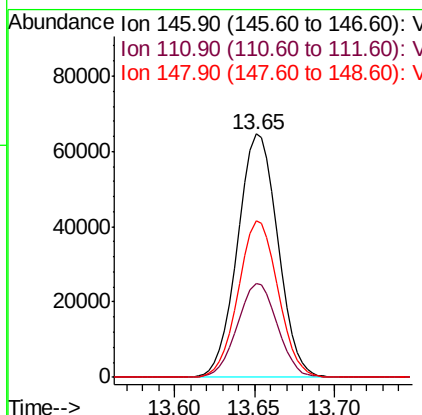
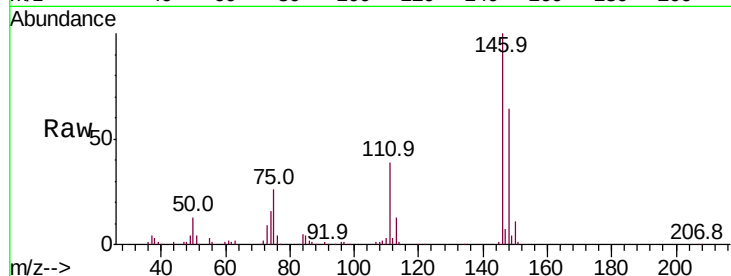




#91
 1,2-Dichlorobenzene
 Concen: 20.253 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

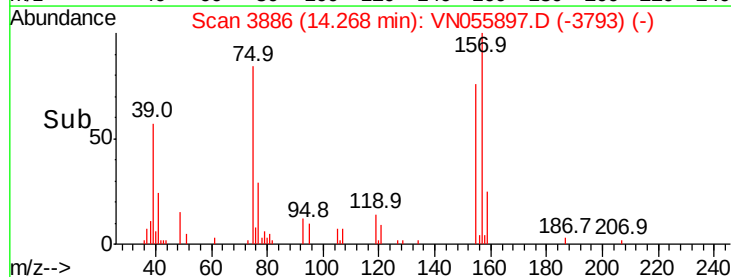
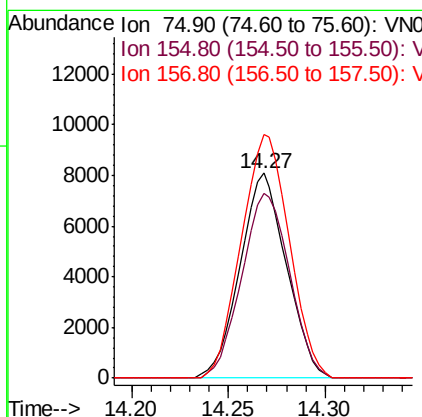
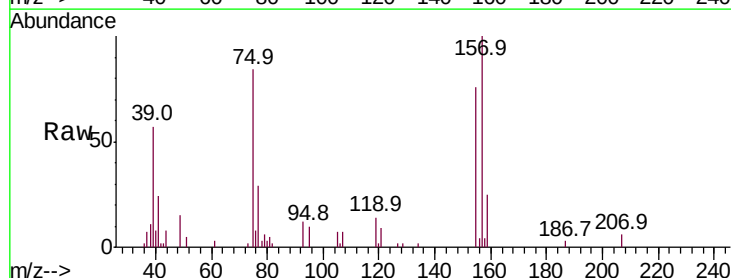
Instrument :
 MSVOA_N
 ClientSampled :

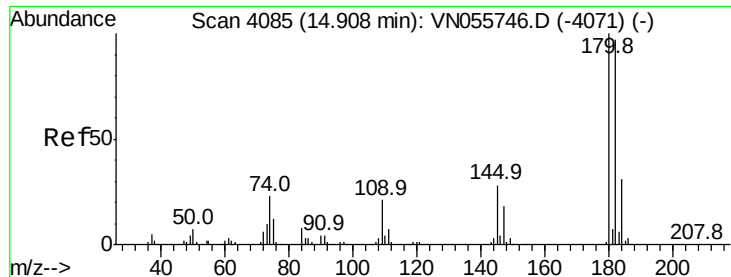
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.804 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	50.0	150.1
157	123.0	64.8	194.3

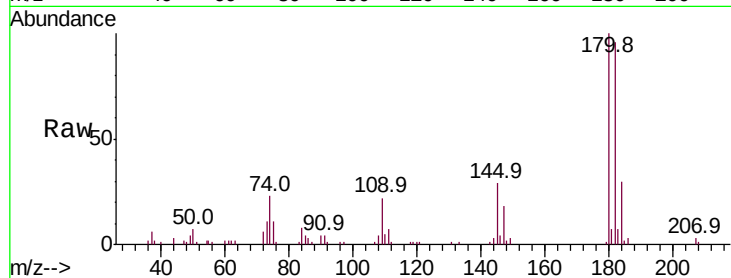




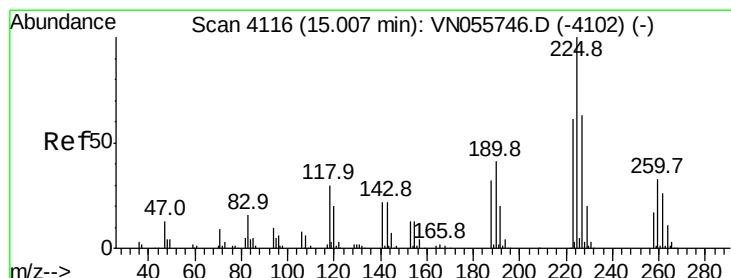
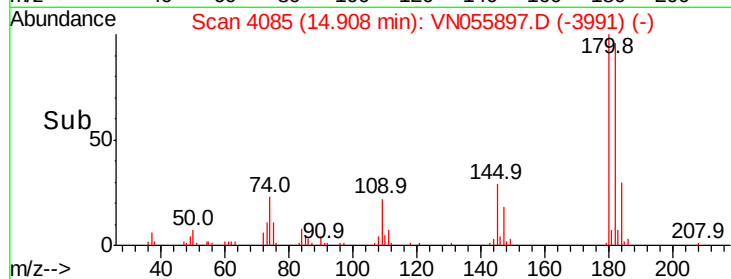
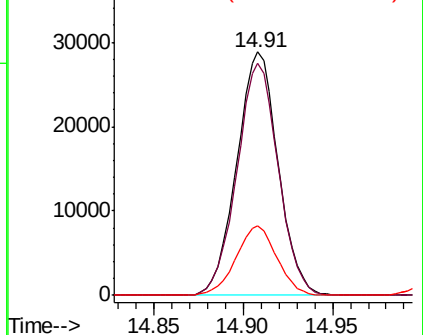
#93
 1,2,4-Trichlorobenzene
 Concen: 17.407 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.9
145	28.2	14.0	41.9

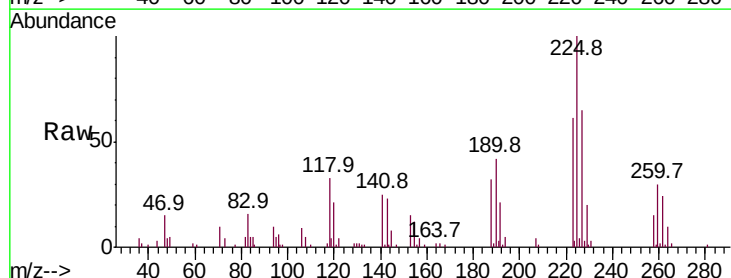


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

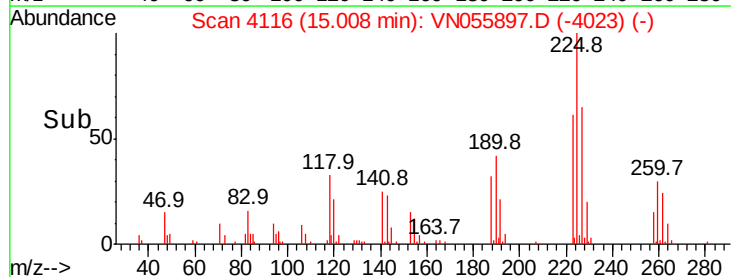
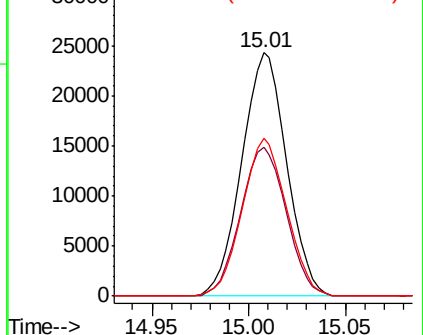


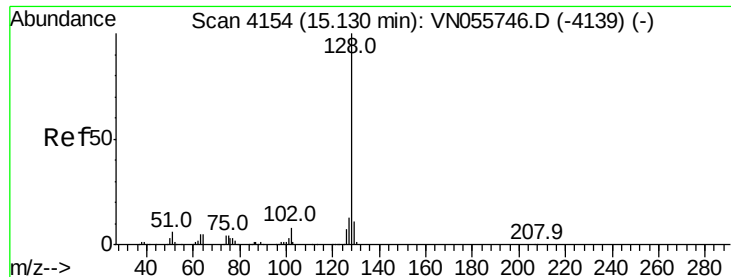
#94
 Hexachlorobutadiene
 Concen: 19.333 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055897.D
 Acq: 30 May 2019 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.9	92.7
227	63.9	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.503 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

Instrument :

MSVOA_N

ClientSampled :

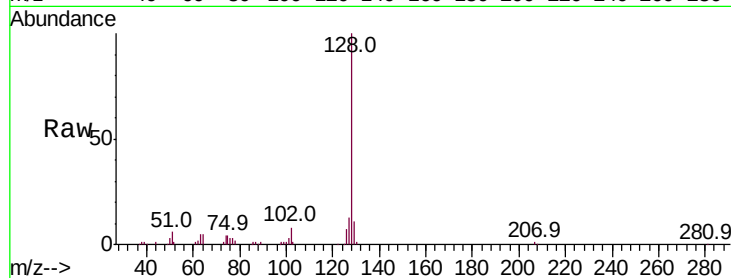
Tot Ion:128 Resp: 138652

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

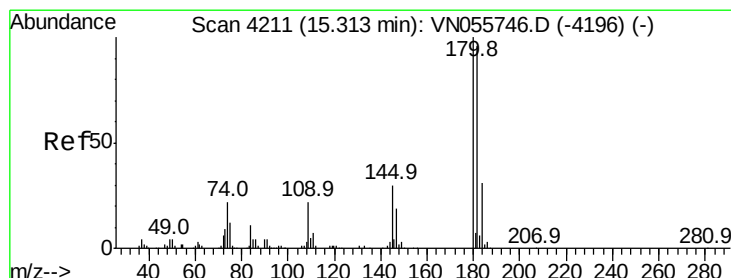
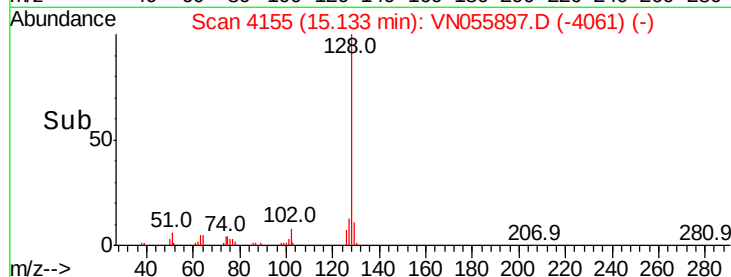
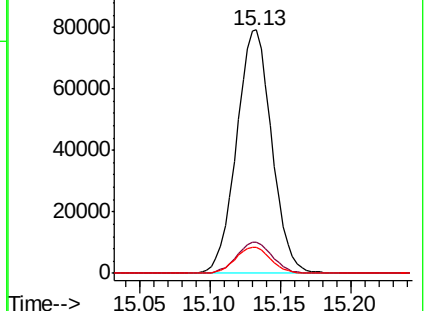
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.095 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055897.D

Acq: 30 May 2019 13:48

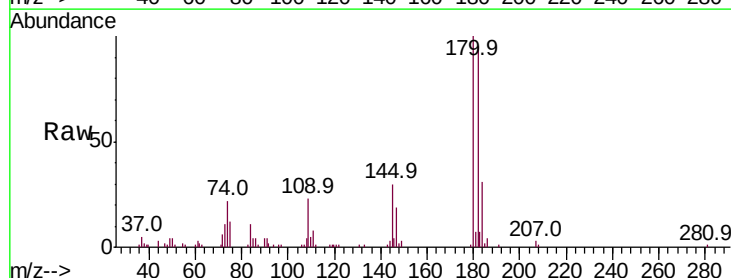
Tgt Ion:180 Resp: 52234

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 29.9 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

