

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055905.D
 Acq On : 30 May 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 04:47:14 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	292611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	438421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172277	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	159832	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
35) Dibromofluoromethane	7.59	113	141137	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.09	98	538342	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.40	95	180789	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	88296	44.836	ug/l	96
3) Chloromethane	2.06	50	125970	45.655	ug/l	98
4) Vinyl Chloride	2.18	62	139372	47.358	ug/l	100
5) Bromomethane	2.52	94	79149	42.989	ug/l	100
6) Chloroethane	2.67	64	82788	46.724	ug/l	98
7) Trichlorofluoromethane	3.00	101	189652	49.154	ug/l	99
8) Diethyl Ether	3.40	74	87291	50.478	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	119602	49.659	ug/l	98
10) Methyl Iodide	3.93	142	181658	51.590	ug/l	100
11) Tert butyl alcohol	4.82	59	143804	249.065	ug/l	99
12) 1,1-Dichloroethene	3.72	96	121414	48.789	ug/l	96
13) Acrolein	3.60	56	105791	255.889	ug/l	97
14) Allyl chloride	4.31	41	209781	49.173	ug/l	100
15) Acrylonitrile	4.99	53	360128	271.630	ug/l	100
16) Acetone	3.82	43	342509	257.847	ug/l	98
17) Carbon Disulfide	4.03	76	278670	39.414	ug/l	99
18) Methyl Acetate	4.32	43	157793	58.650	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	430742	51.898	ug/l	98
20) Methylene Chloride	4.54	84	145818	50.688	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	131073	49.026	ug/l	98
22) Diisopropyl ether	5.95	45	440315	53.066	ug/l	100
23) Vinyl Acetate	5.90	43	1855535	260.822	ug/l	100
24) 1,1-Dichloroethane	5.84	63	246574	51.039	ug/l	99
25) 2-Butanone	6.84	43	504091	271.727	ug/l	99
26) 2,2-Dichloropropane	6.82	77	195844	46.841	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	161607	51.811	ug/l	100
28) Bromochloromethane	7.19	49	121427	52.791	ug/l	100
29) Tetrahydrofuran	7.21	42	318338	270.971	ug/l	100
30) Chloroform	7.37	83	251299	52.159	ug/l	98
31) Cyclohexane	7.65	56	219271	48.343	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	210399	48.937	ug/l	99
36) 1,1-Dichloropropene	7.79	75	184131	48.194	ug/l	99
37) Ethyl Acetate	6.93	43	198147	53.660	ug/l	99
38) Carbon Tetrachloride	7.77	117	176995	44.474	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	222039	46.931	ug/l	99
40) Benzene	8.04	78	576924	50.103	ug/l	99
41) Methacrylonitrile	7.17	41	93931	50.350	ug/l	97
42) 1,2-Dichloroethane	8.12	62	189768	50.435	ug/l	100
43) Isopropyl Acetate	8.17	43	311283	50.172	ug/l #	91
44) Trichloroethene	8.83	130	160749	50.076	ug/l	100
45) 1,2-Dichloropropane	9.12	63	153234	51.077	ug/l	100
46) Dibromomethane	9.21	93	100794	51.230	ug/l	98
47) Bromodichloromethane	9.40	83	193951	48.075	ug/l	99
48) Methyl methacrylate	9.20	41	154225	53.936	ug/l	98
49) 1,4-Dioxane	9.21	88	64698	1088.805	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	960765	262.198	ug/l	100
52) Toluene	10.16	92	365058	50.409	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	209337	48.611	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	236431	49.559	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	149380	51.489	ug/l	98
56) Ethyl methacrylate	10.43	69	228348	50.928	ug/l	98
57) 1,3-Dichloropropane	10.71	76	245121	51.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	427486	249.482	ug/l	99
59) 2-Hexanone	10.75	43	663340	255.183	ug/l	100
60) Dibromochloromethane	10.90	129	159672	47.244	ug/l	100
61) 1,2-Dibromoethane	11.00	107	154926	51.483	ug/l	99
64) Tetrachloroethene	10.63	164	155356	46.973	ug/l	99
65) Chlorobenzene	11.43	112	388958	49.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147956	47.257	ug/l	99
67) Ethyl Benzene	11.51	91	690187	49.028	ug/l	99
68) m/p-Xylenes	11.62	106	521567	98.003	ug/l	100
69) o-Xylene	11.95	106	259109	49.073	ug/l	100
70) Styrene	11.96	104	431017	50.408	ug/l	100
71) Bromoform	12.13	173	113203	42.390	ug/l #	99
73) Isopropylbenzene	12.25	105	679967	55.795	ug/l	100
74) N-amyl acetate	12.07	43	250806	53.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	208703	58.034	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	248912	86.189	ug/l #	100
77) Bromobenzene	12.53	156	176902	48.121	ug/l	98
78) n-propylbenzene	12.59	91	732751	48.937	ug/l	100
79) 2-Chlorotoluene	12.67	91	443152	55.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	561220	54.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	57808	45.148	ug/l	94
82) 4-Chlorotoluene	12.77	91	429869	48.840	ug/l	99
83) tert-Butylbenzene	12.99	119	493823	55.730	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	557564	54.345	ug/l	100
85) sec-Butylbenzene	13.17	105	642345	55.655	ug/l	99
86) p-Isopropyltoluene	13.29	119	581066	48.568	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	289492	49.732	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	279371	50.480	ug/l	99
89) n-Butylbenzene	13.61	91	449773	49.065	ug/l	99
90) Hexachloroethane	13.87	117	96115	42.207	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	294980	50.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36865	48.294	ug/l	97

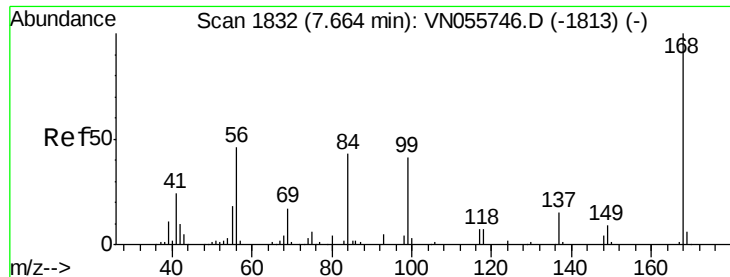
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	154320	46.462	ug/l	99
94) Hexachlorobutadiene	15.01	225	100488	49.134	ug/l	98
95) Naphthalene	15.13	128	434491	54.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	164768	53.671	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

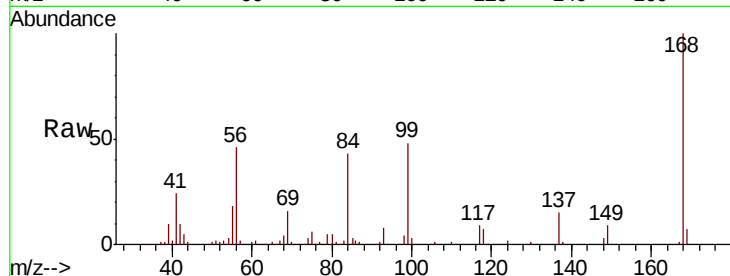
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 292611

Ion Ratio Lower Upper

168 100

99 47.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

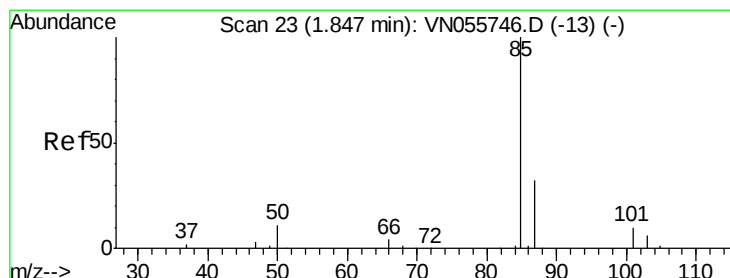
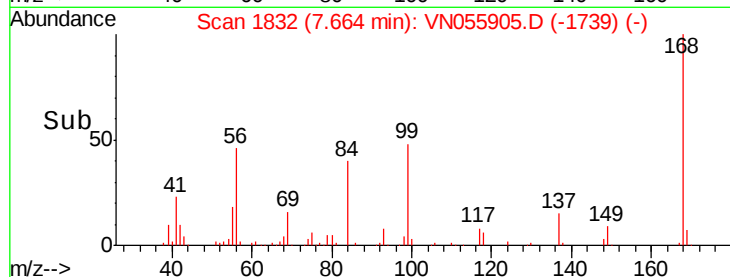
7.66

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 44.836 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055905.D

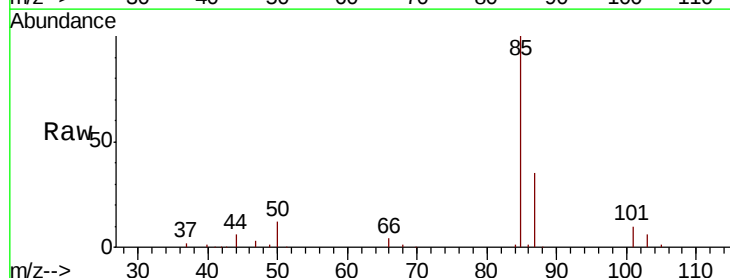
Acq: 30 May 2019 17:29

Tgt Ion: 85 Resp: 88296

Ion Ratio Lower Upper

85 100

87 34.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

60000

50000

40000

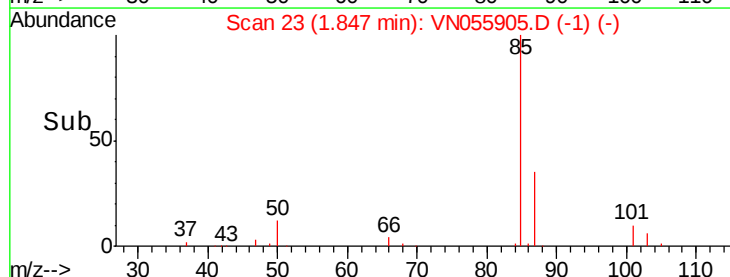
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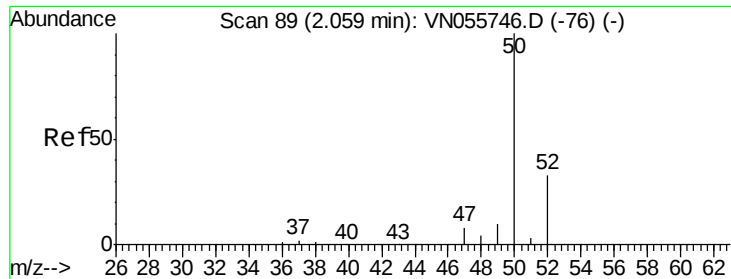
20000

10000

0

Time--> 1.80 1.85 1.90 1.95

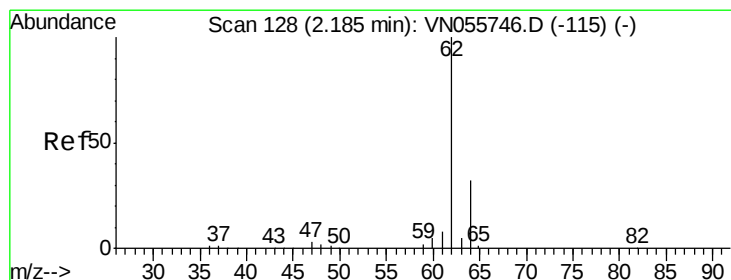
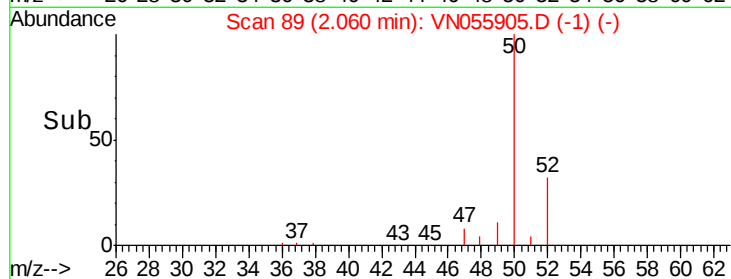
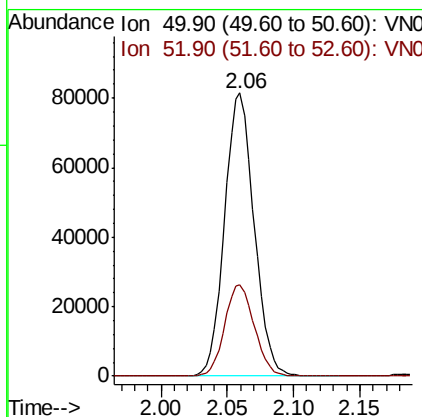
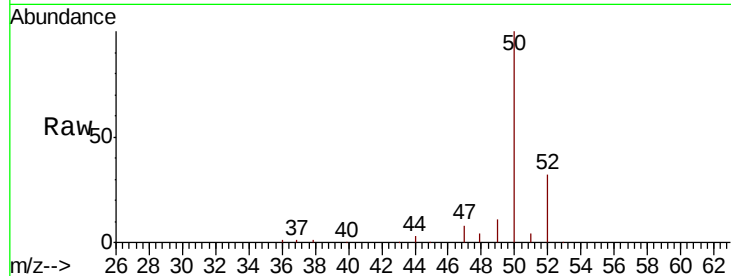




#3
Chloromethane
Concen: 45.655 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

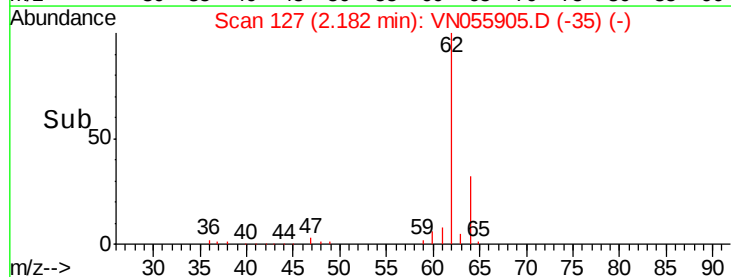
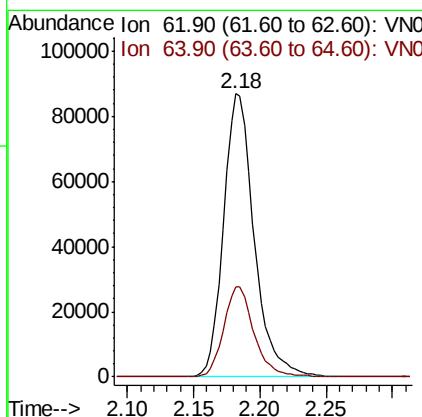
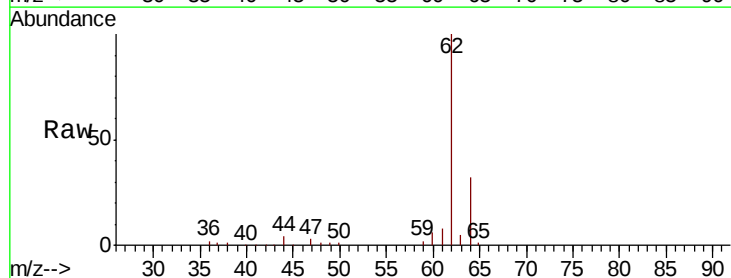
Instrument :
MSVOA_N
ClientSampled :

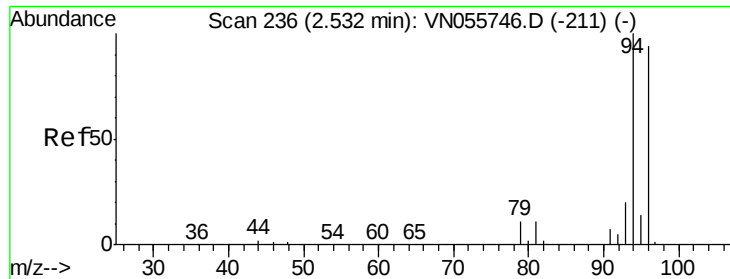
Tot Ion: 50 Resp: 125970
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 47.358 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 62 Resp: 139372
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

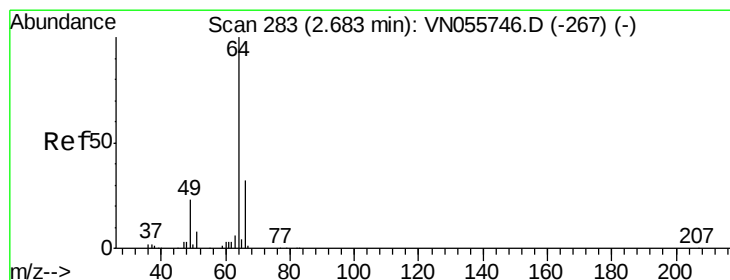
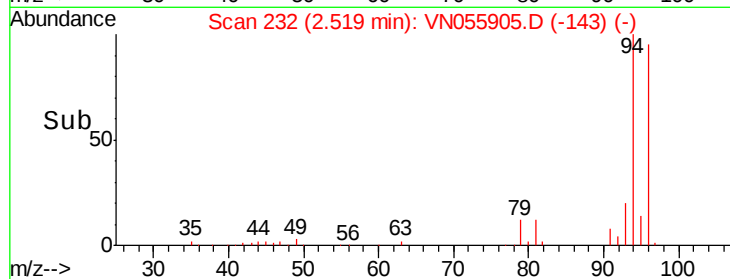
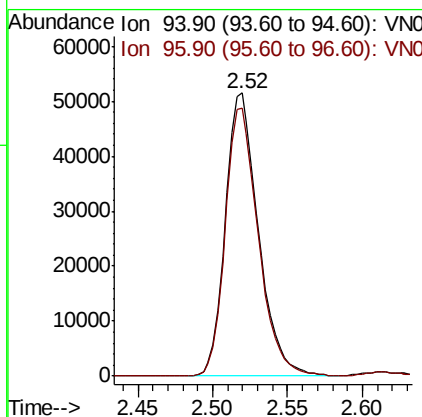
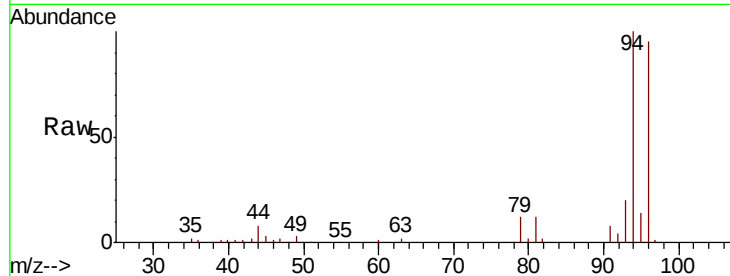




#5
Bromomethane
Concen: 42.989 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

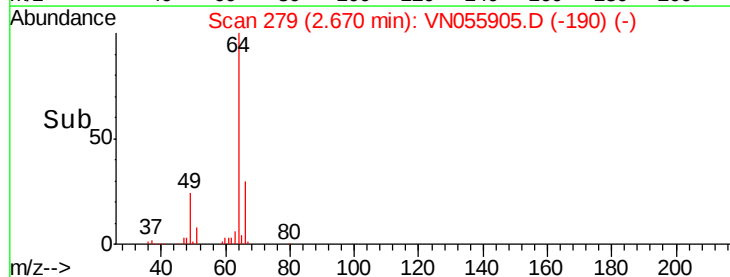
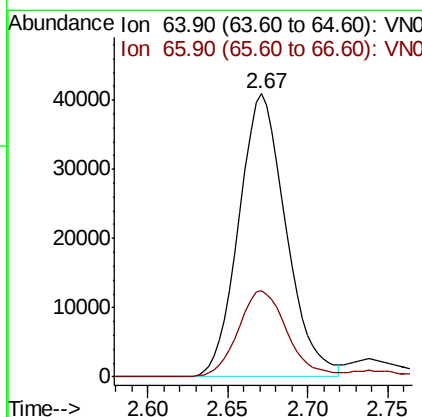
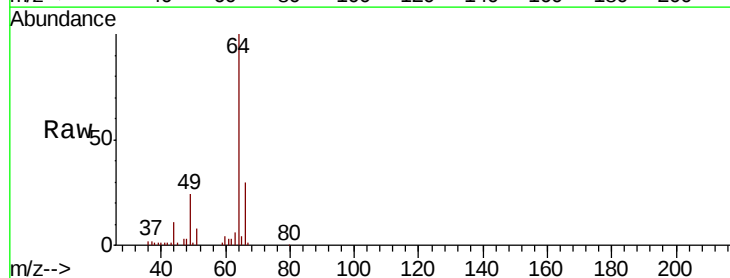
Instrument :
MSVOA_N
ClientSampled :

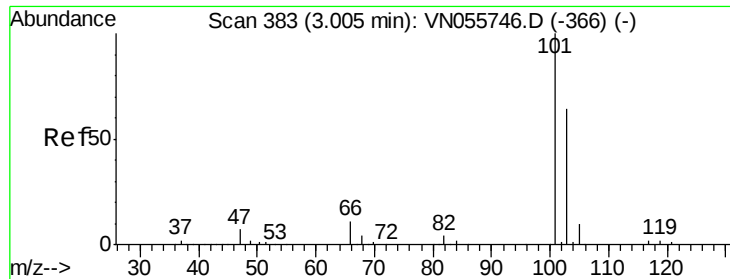
Tot Ion: 94 Resp: 79149
Ion Ratio Lower Upper
94 100
96 94.5 75.5 113.3



#6
Chloroethane
Concen: 46.724 ug/l
RT: 2.67 min Scan# 279
Delta R.T. -0.01 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 64 Resp: 82788
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0



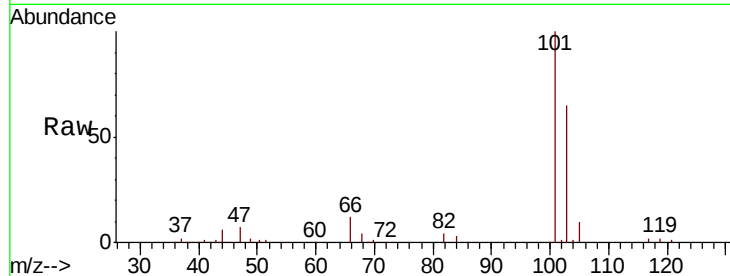


#7

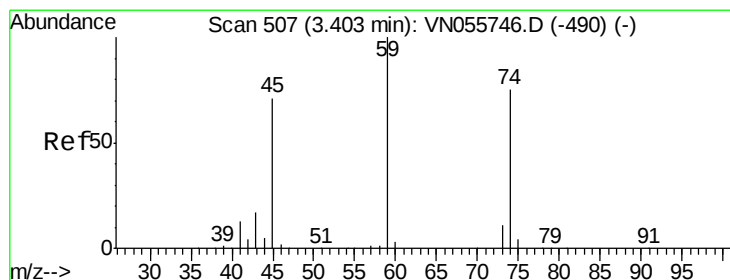
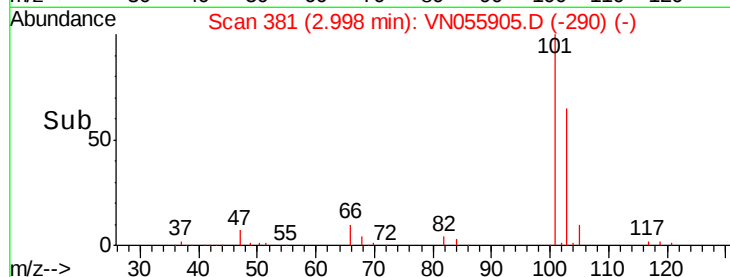
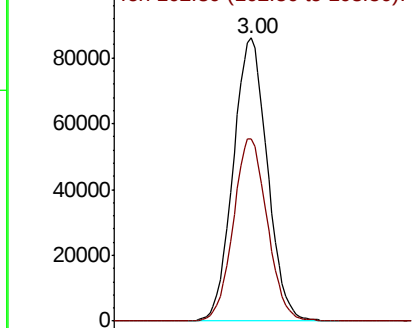
Trichlorofluoromethane
Concen: 49.154 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 189652
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8



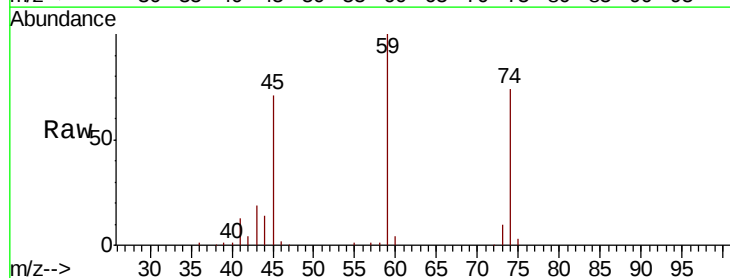
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



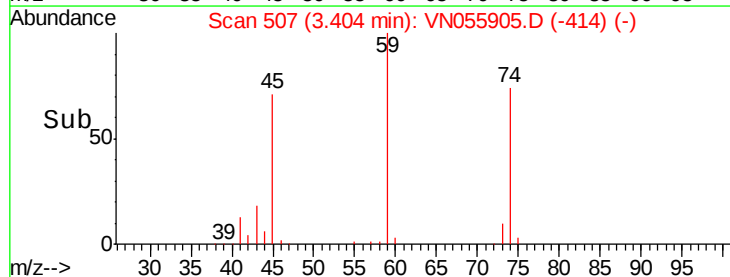
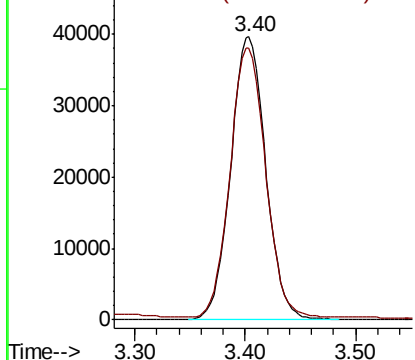
#8

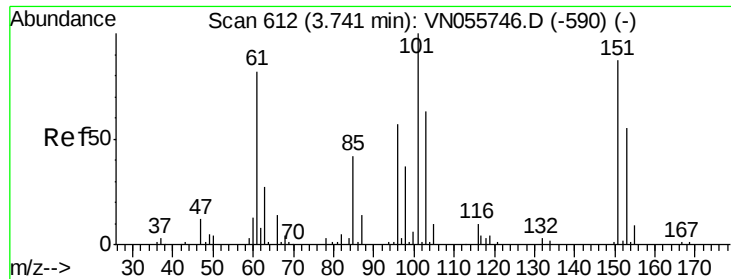
Diethyl Ether
Concen: 50.478 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 74 Resp: 87291
Ion Ratio Lower Upper
74 100
45 96.5 48.6 145.9



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

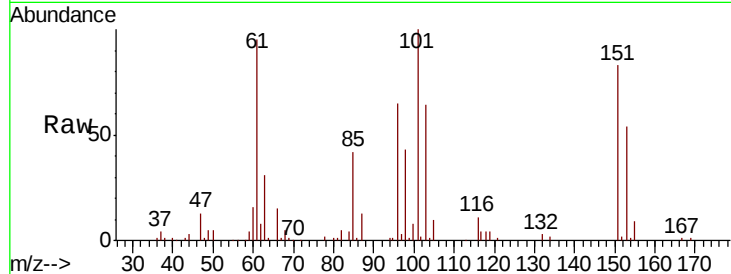




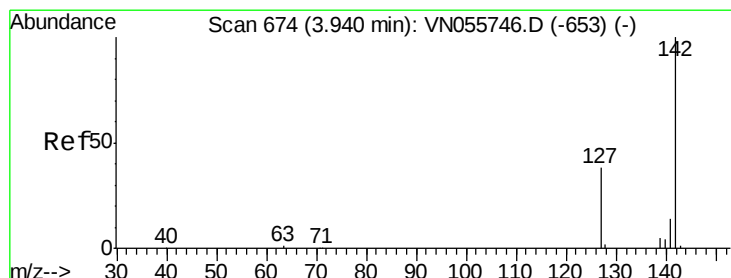
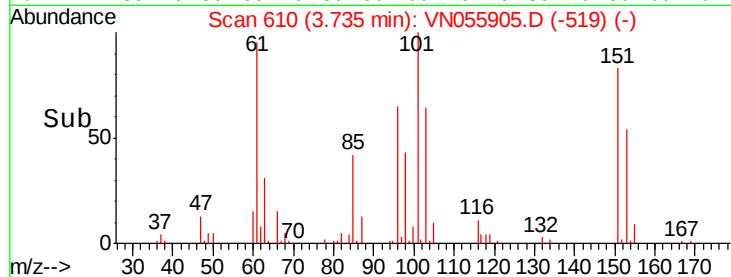
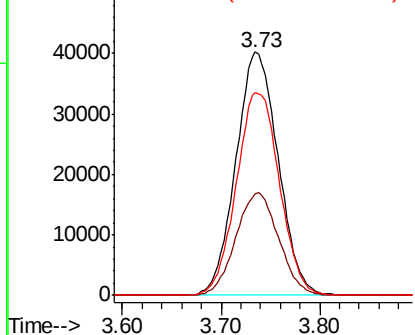
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.659 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 119602
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.4 50.2
 151 84.9 69.4 104.2

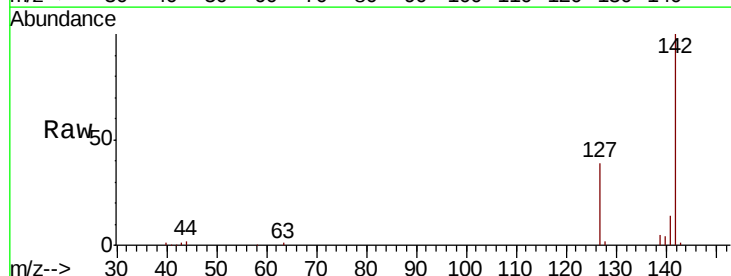


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

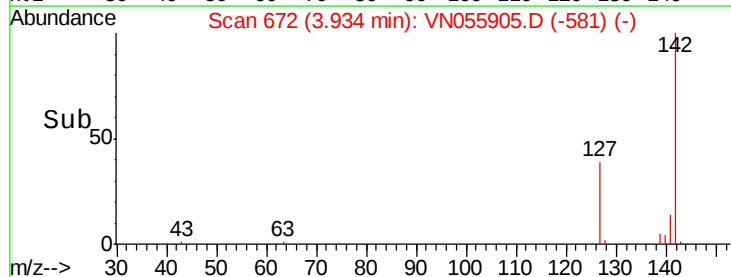
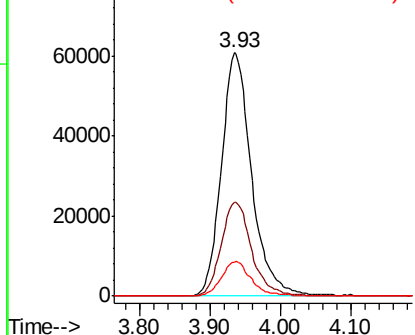


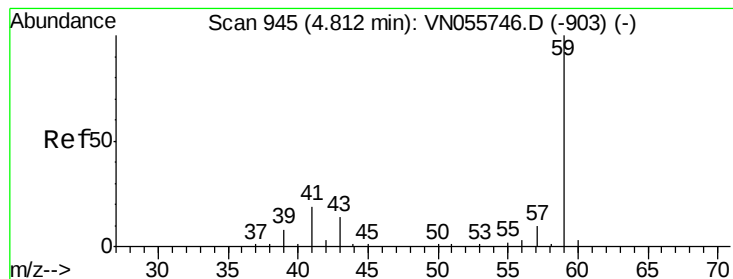
#10
 Methyl Iodide
 Concen: 51.590 ug/l
 RT: 3.93 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion:142 Resp: 181658
 Ion Ratio Lower Upper
 142 100
 127 38.8 31.0 46.4
 141 14.1 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



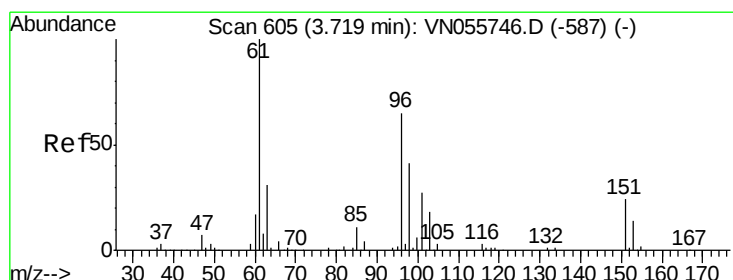
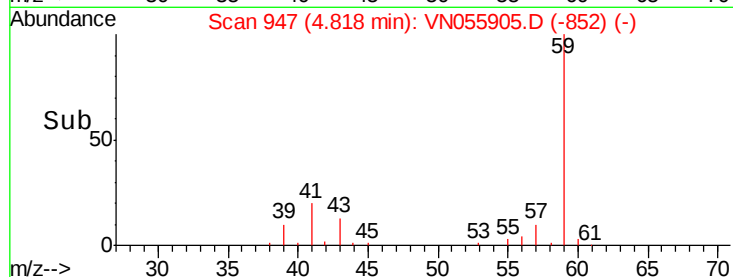
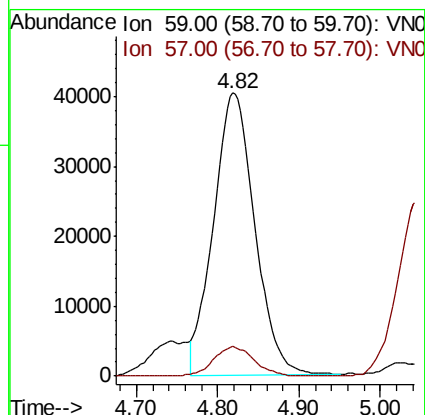
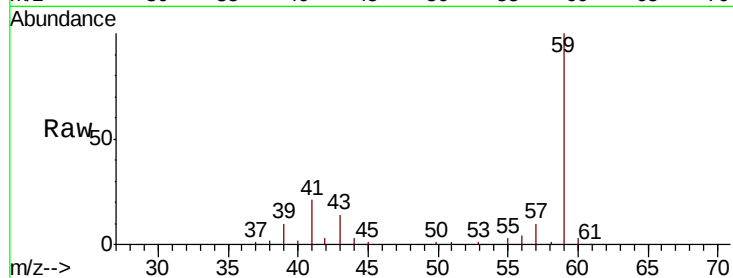


#11

Tert butyl alcohol
 Concen: 249.065 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampleId :

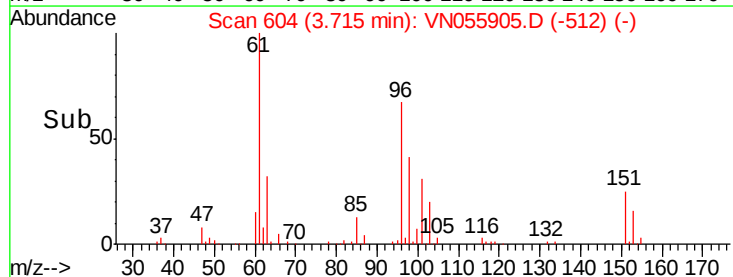
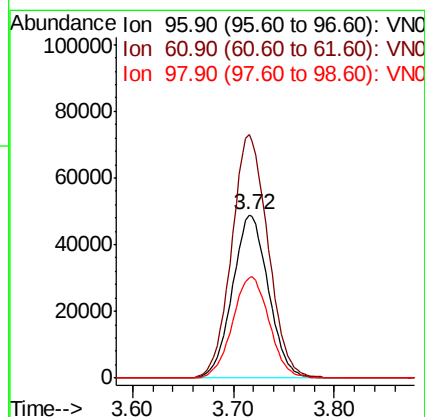
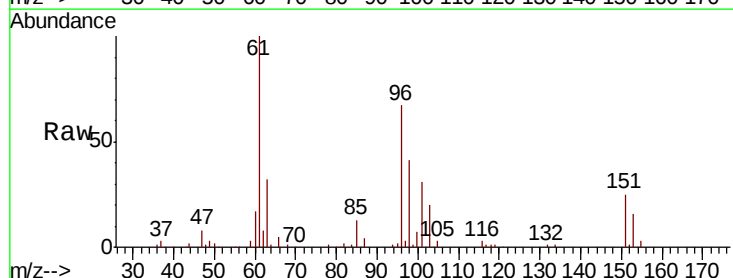
Tot Ion: 59 Resp: 143804
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

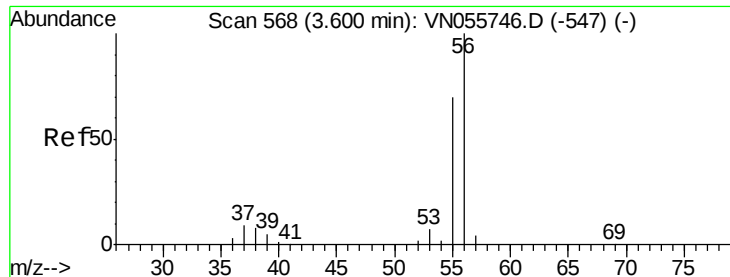


#12

1,1-Dichloroethene
 Concen: 48.789 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion: 96 Resp: 121414
 Ion Ratio Lower Upper
 96 100
 61 148.5 123.2 184.8
 98 61.4 50.4 75.6





#13

Acrolein

Concen: 255.889 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

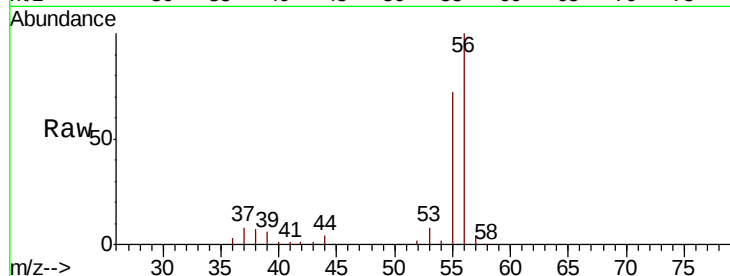
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 105791

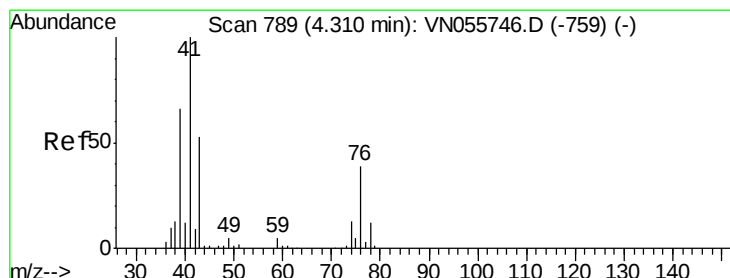
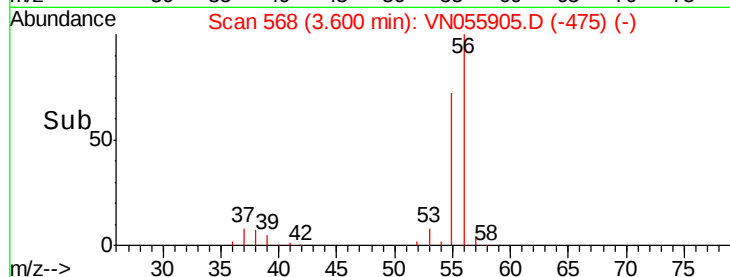
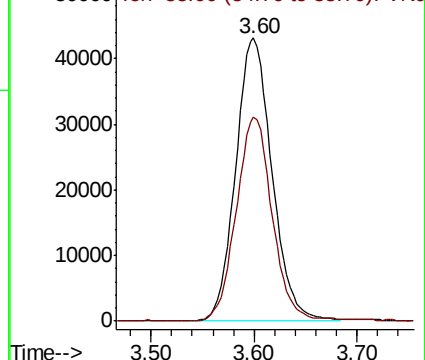
Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 49.173 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

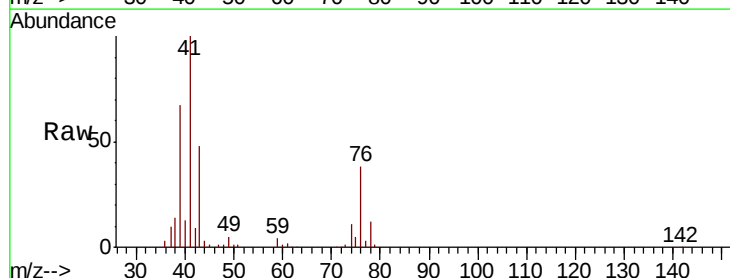
Tgt Ion: 41 Resp: 209781

Ion Ratio Lower Upper

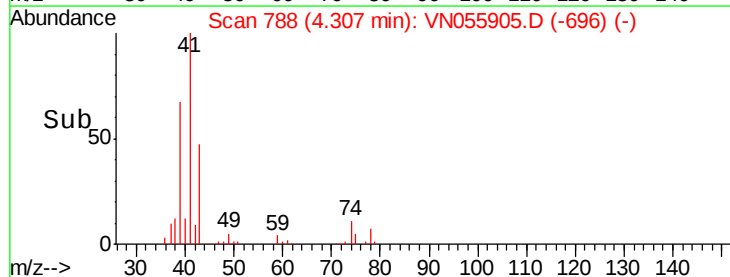
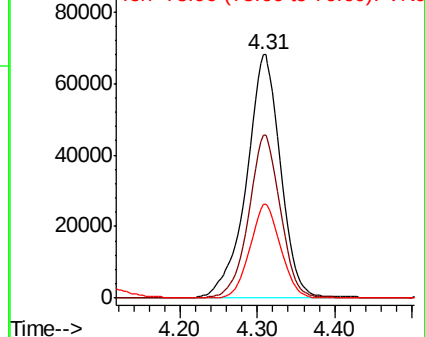
41 100

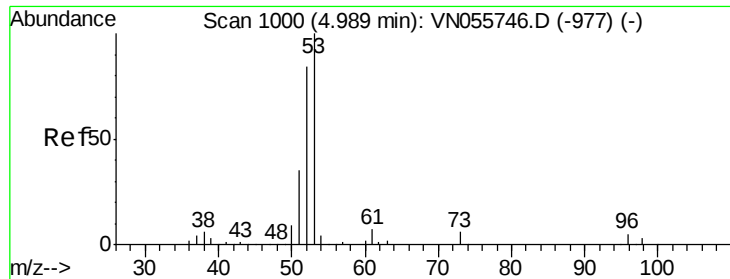
39 62.5 50.0 75.0

76 34.6 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 271.630 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

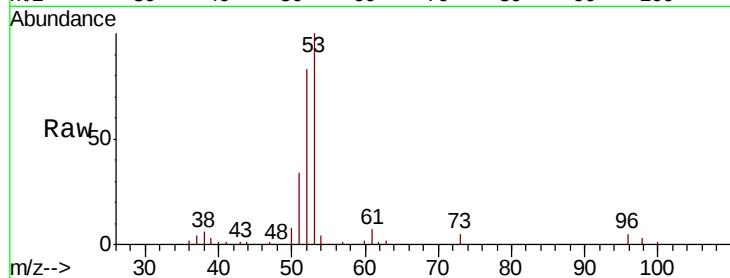
Tot Ion: 53 Resp: 360128

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

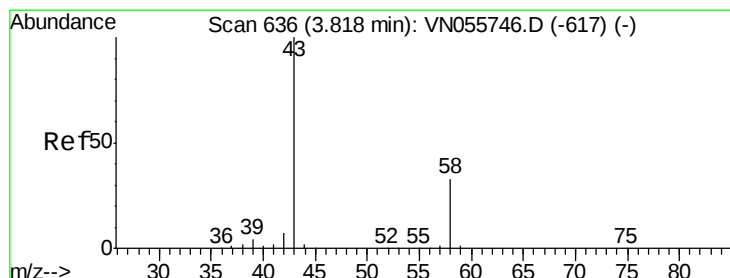
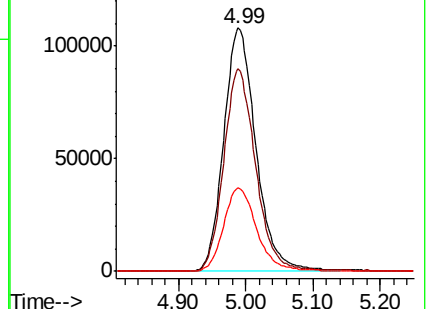
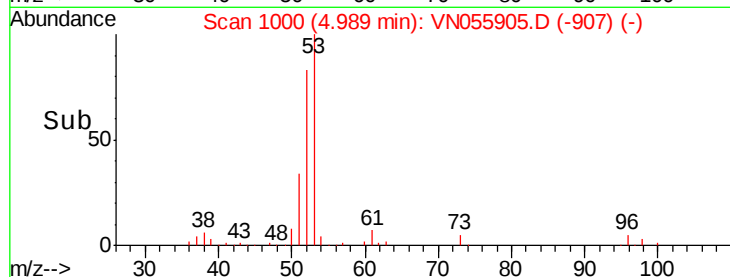
51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055905.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055905.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055905.D (-907) (-)



#16

Acetone

Concen: 257.847 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055905.D

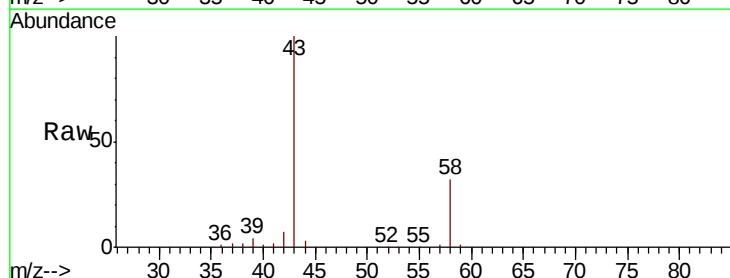
Acq: 30 May 2019 17:29

Tgt Ion: 43 Resp: 342509

Ion Ratio Lower Upper

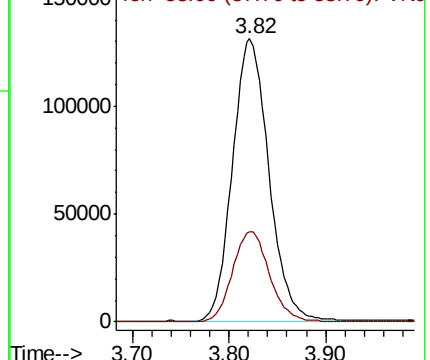
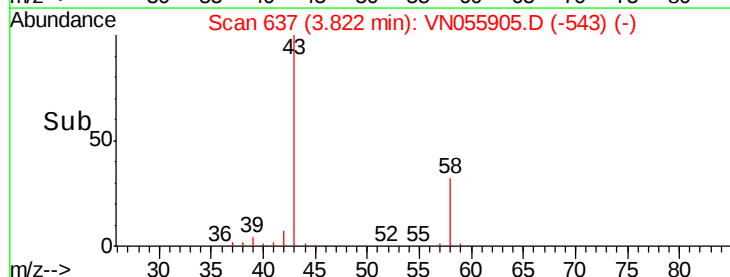
43 100

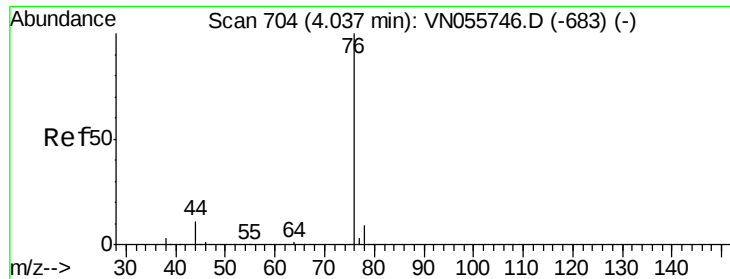
58 32.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055905.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055905.D (-543) (-)

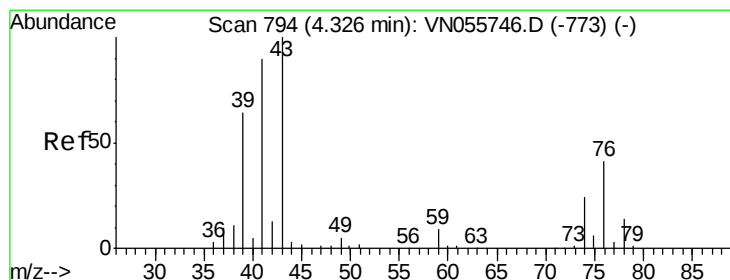
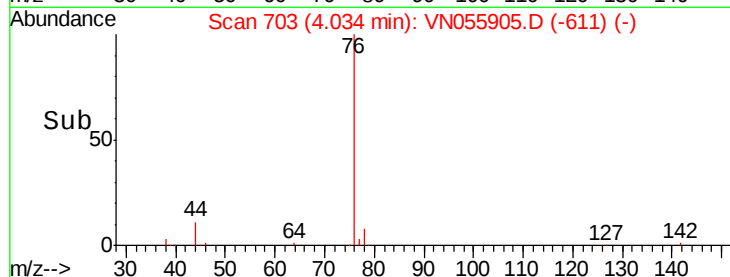
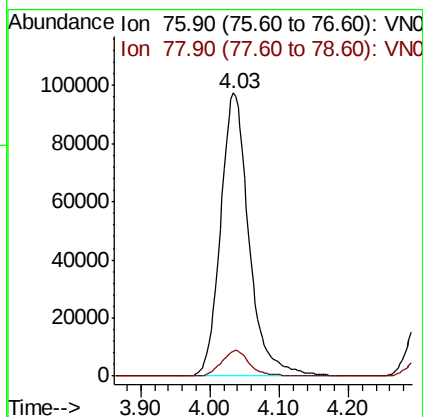
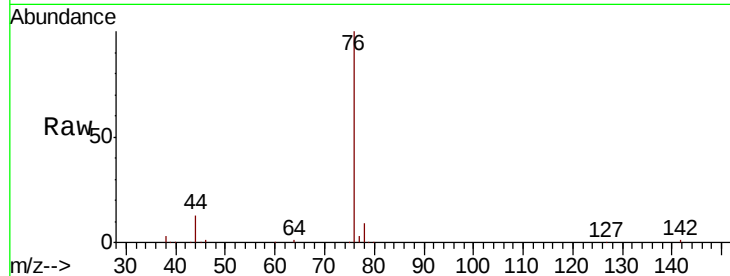




#17
Carbon Disulfide
Concen: 39.414 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

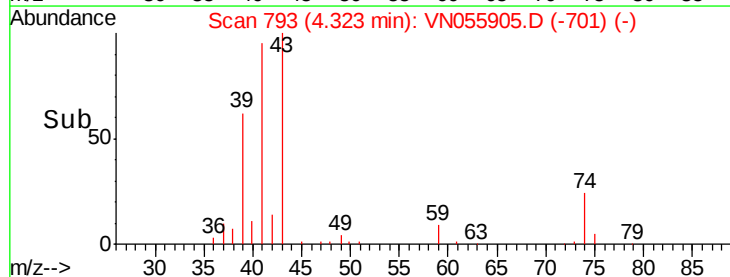
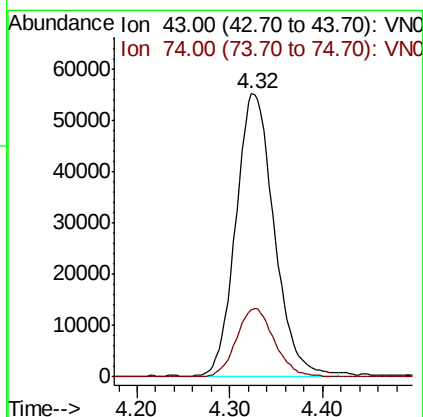
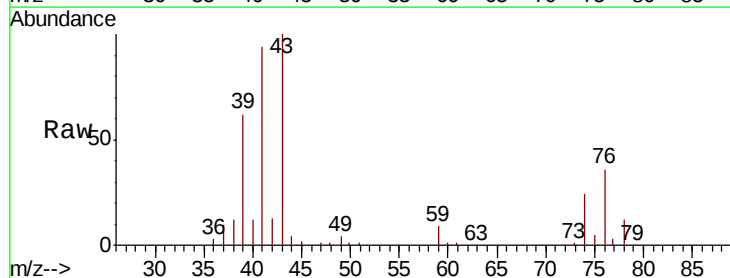
Instrument :
MSVOA_N
ClientSampled :

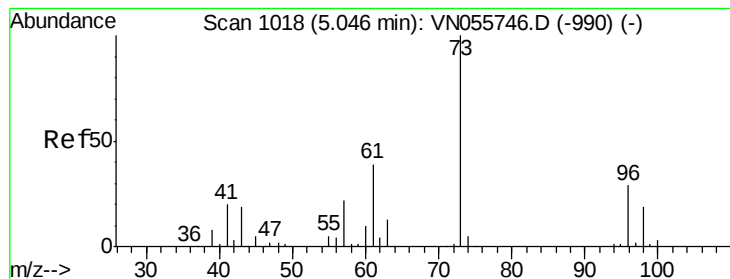
Tot Ion: 76 Resp: 278670
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.650 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 43 Resp: 157793
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



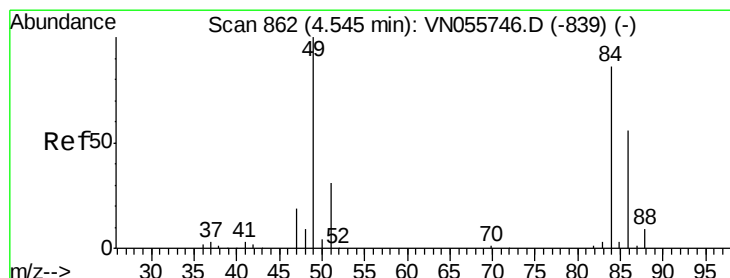
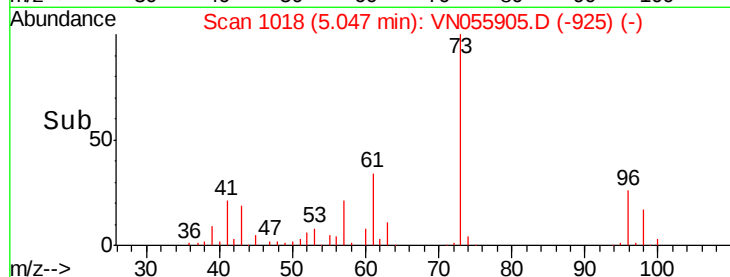
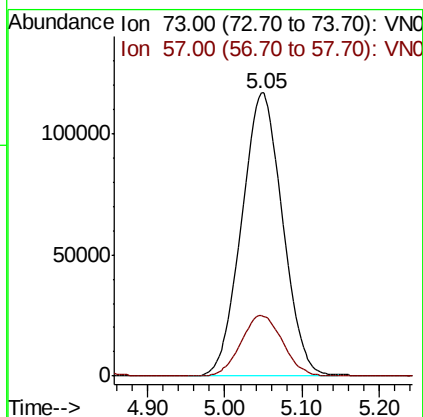
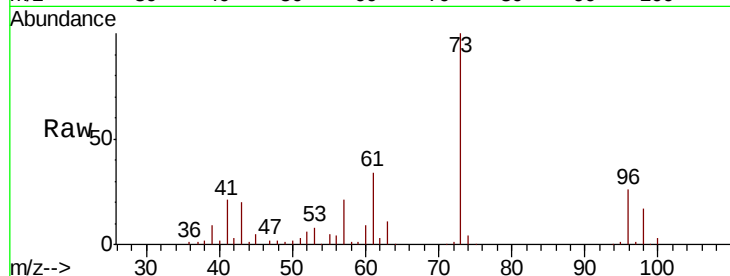


#19

Methyl tert-butyl Ether
 Concen: 51.898 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :

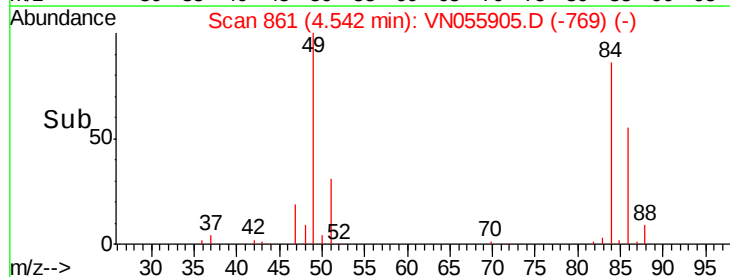
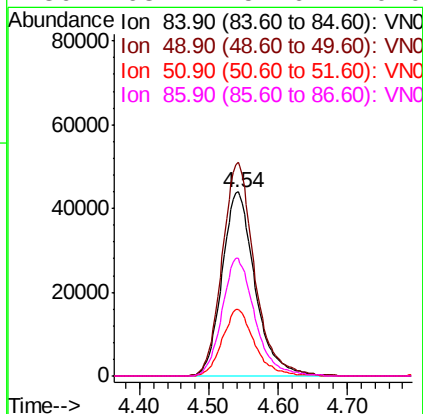
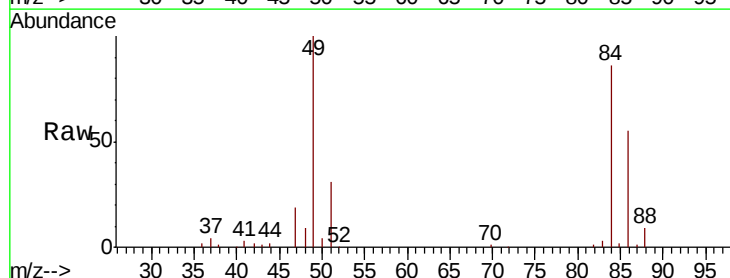
Tot Ion: 73 Resp: 430742
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.8 26.8

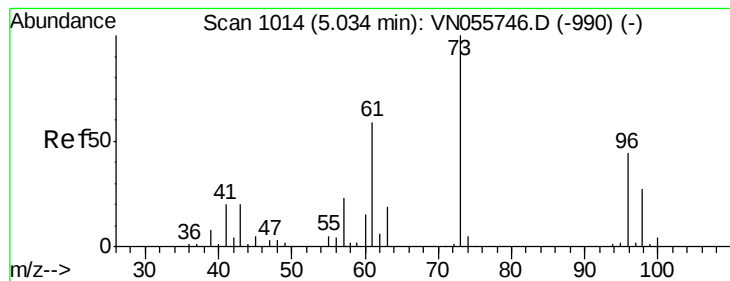


#20

Methylene Chloride
 Concen: 50.688 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion: 84 Resp: 145818
 Ion Ratio Lower Upper
 84 100
 49 115.9 93.5 140.3
 51 36.4 28.6 43.0
 86 63.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.026 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

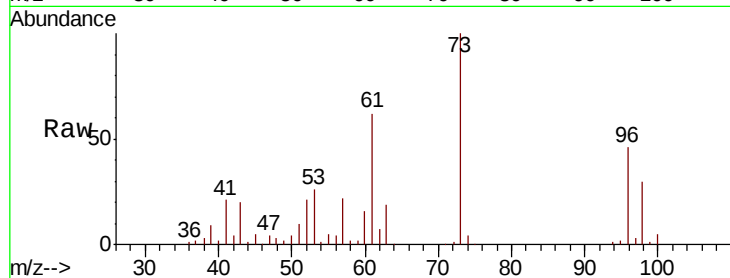
Tot Ion: 96 Resp: 131073

Ion Ratio Lower Upper

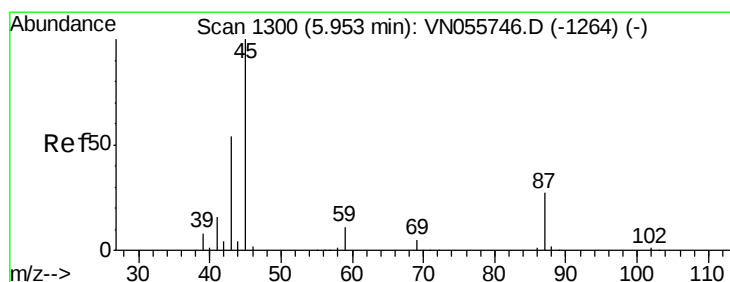
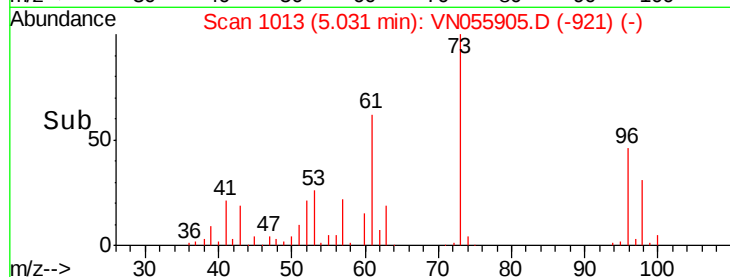
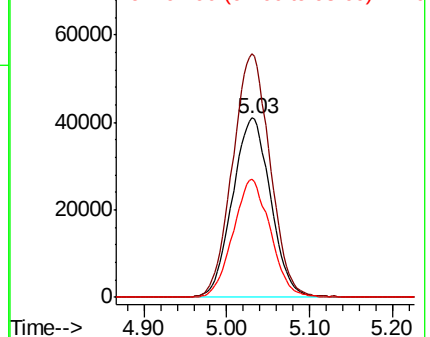
96 100

61 135.7 107.8 161.8

98 66.2 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: 53.066 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Tgt Ion: 45 Resp: 440315

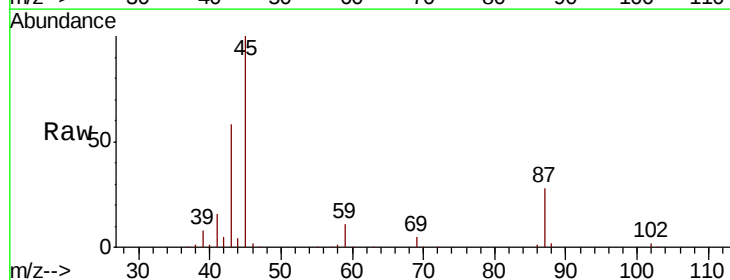
Ion Ratio Lower Upper

45 100

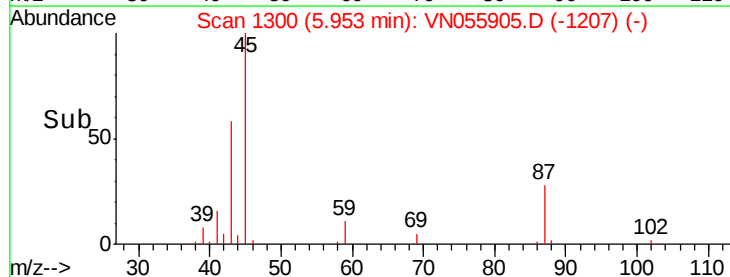
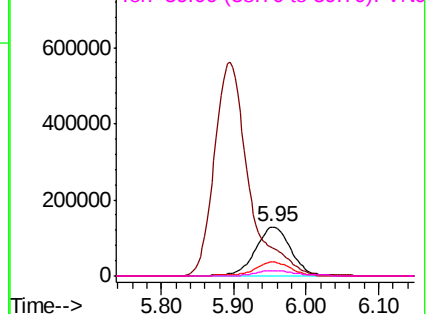
43 56.5 45.0 67.6

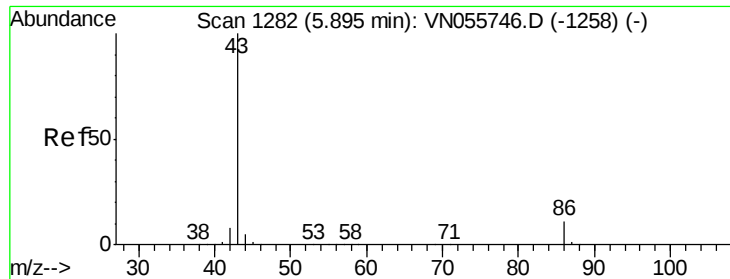
87 27.8 22.2 33.4

59 11.1 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: 260.822 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

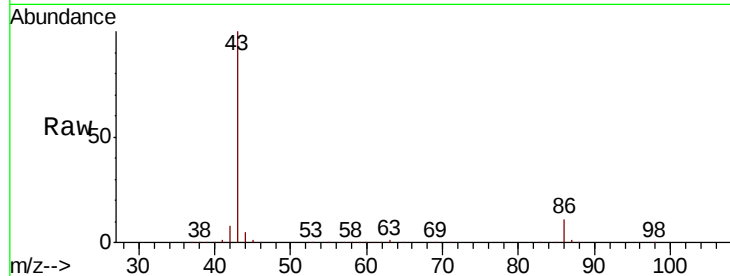
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 185535

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055905.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055905.D (-1189) (-)

5.90

600000

500000

400000

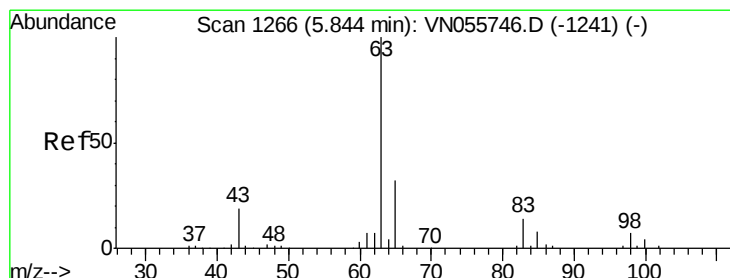
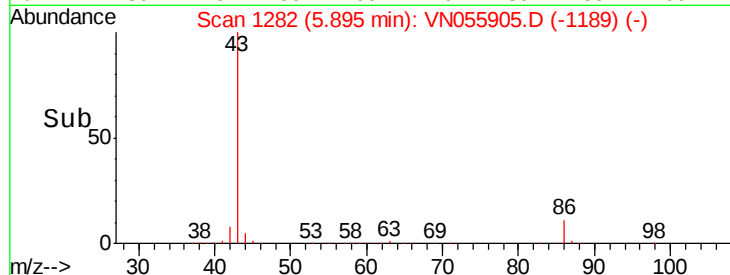
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.039 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

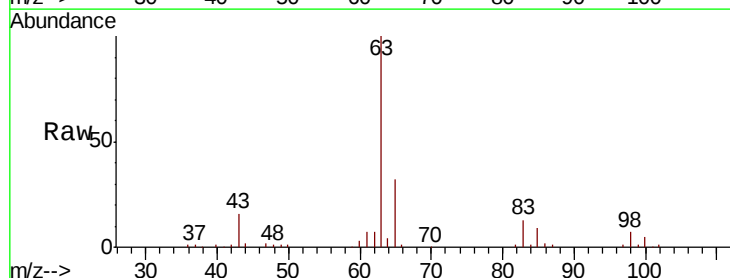
Tgt Ion: 63 Resp: 246574

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055905.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055905.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055905.D (-1173) (-)

100000

80000

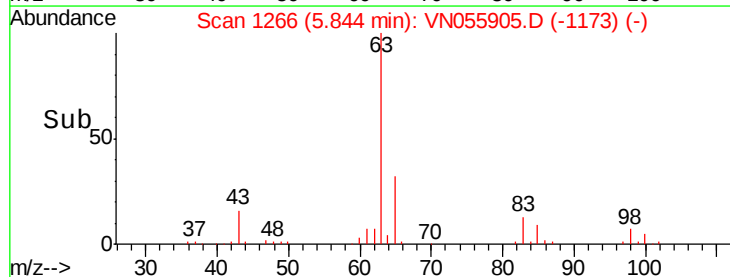
60000

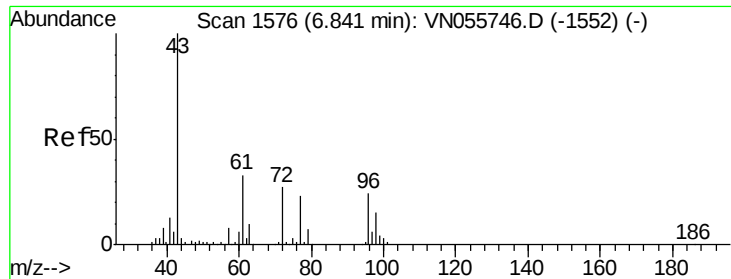
40000

20000

0

Time-->

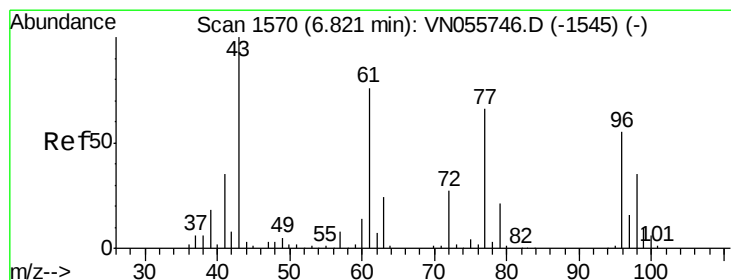
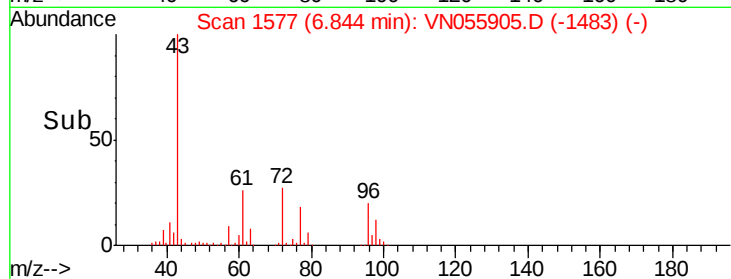
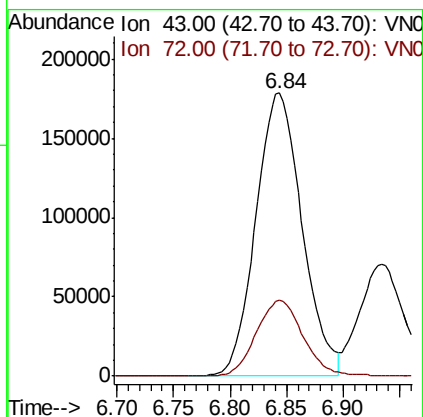
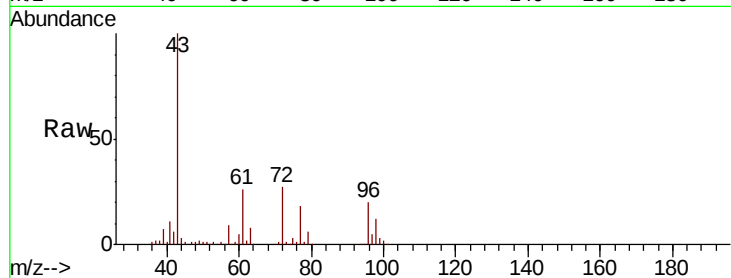




#25
2-Butanone
Concen: 271.727 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

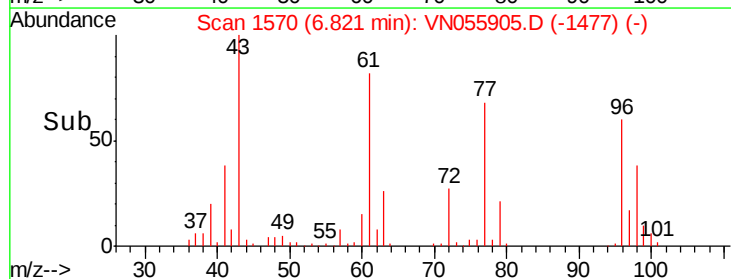
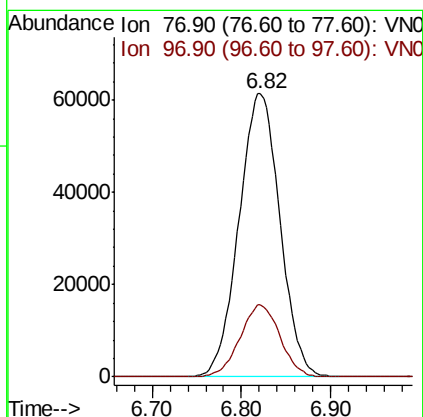
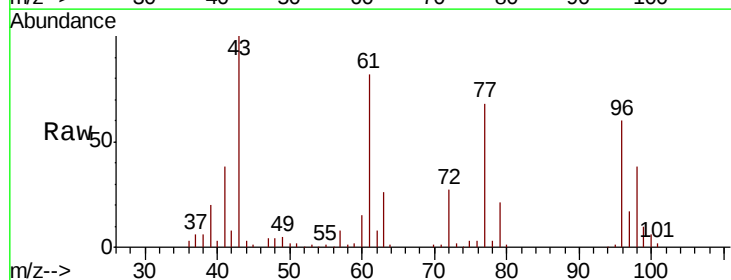
Instrument :
MSVOA_N
ClientSampled :

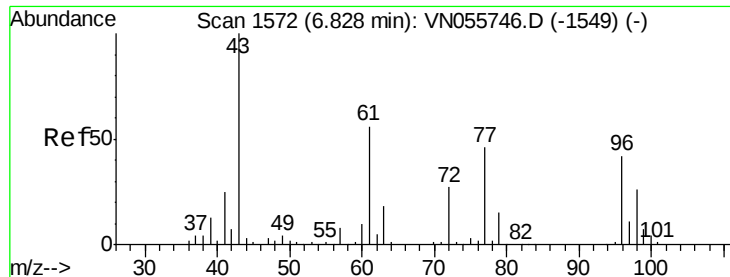
Tot Ion: 43 Resp: 504091
Ion Ratio Lower Upper
43 100
72 26.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 46.841 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 77 Resp: 195844
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.811 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

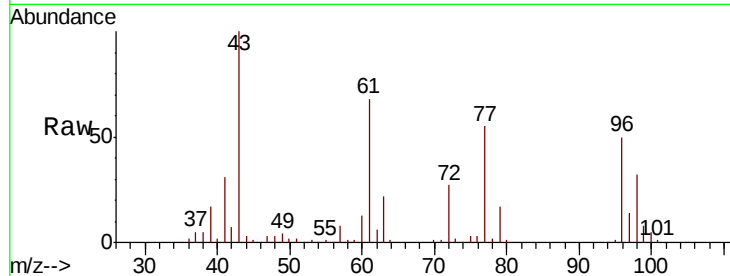
Tot Ion: 96 Resp: 161607

Ion Ratio Lower Upper

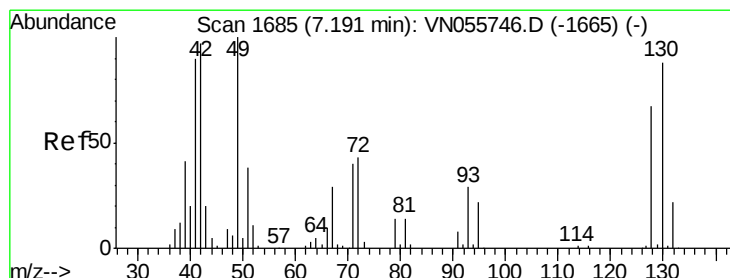
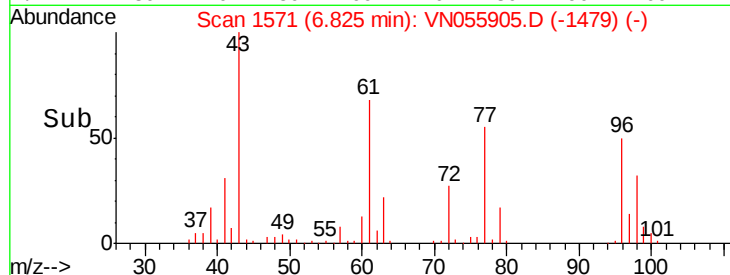
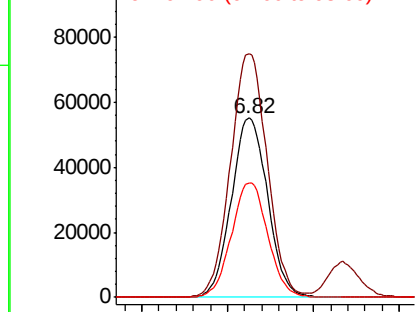
96 100

61 137.6 0.0 275.8

98 63.9 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: 52.791 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

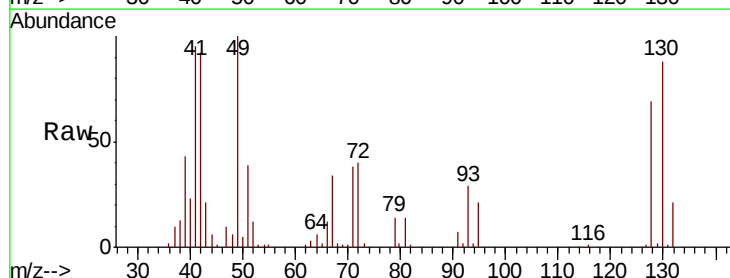
Tgt Ion: 49 Resp: 121427

Ion Ratio Lower Upper

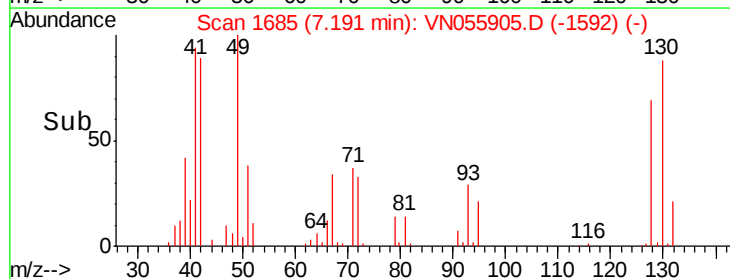
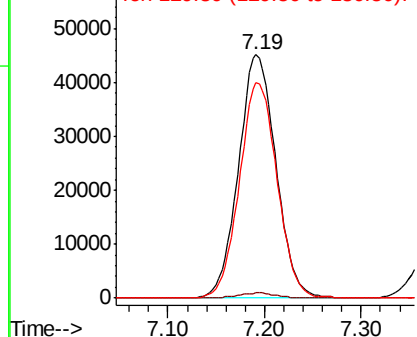
49 100

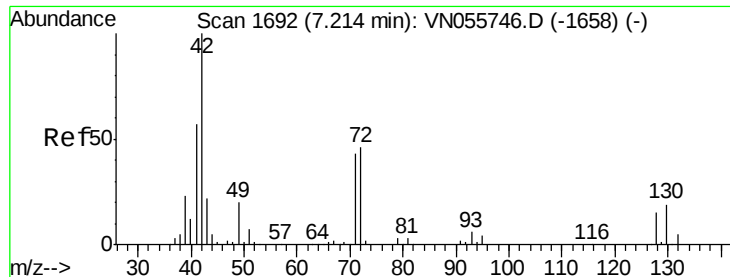
129 2.0 0.0 4.4

130 89.0 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

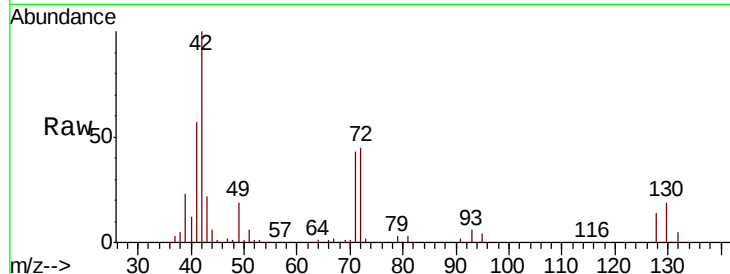




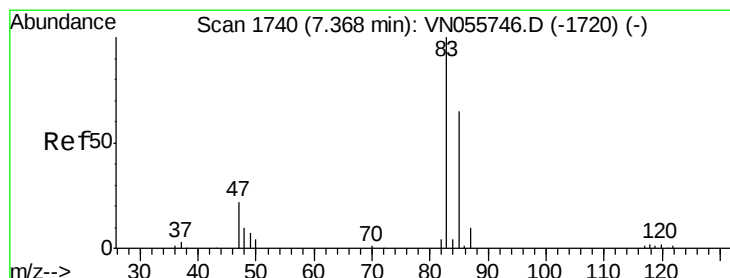
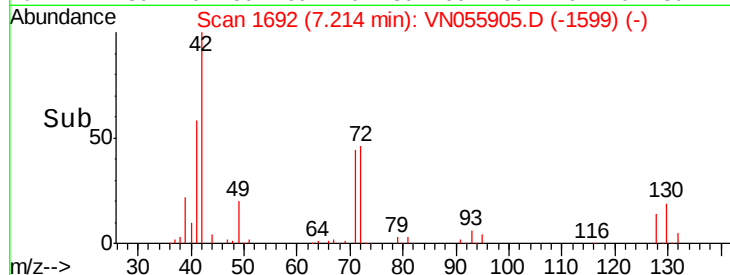
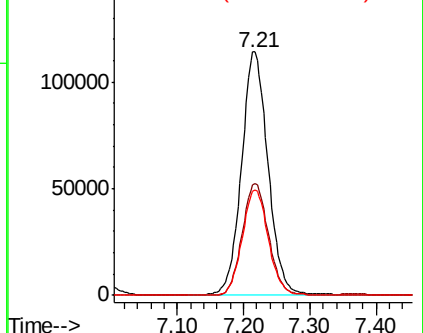
#29
Tetrahydrofuran
Concen: 270.971 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 318338
Ion Ratio Lower Upper
42 100
72 45.5 35.9 53.9
71 42.5 34.0 51.0

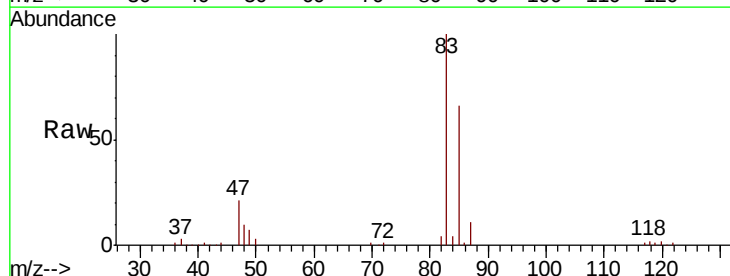


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

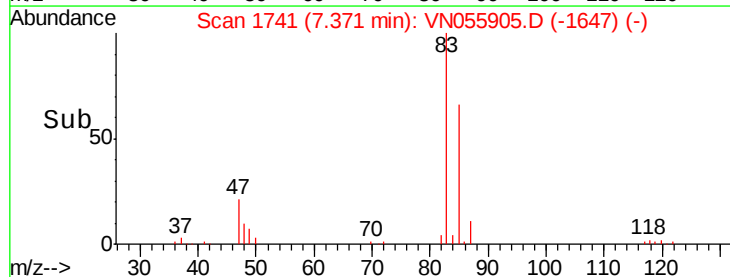
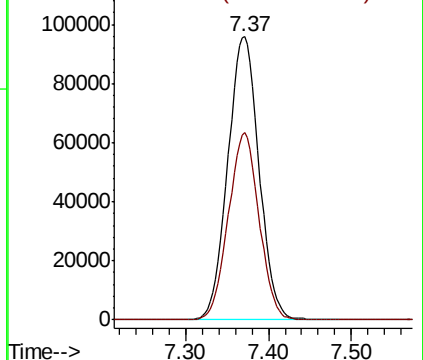


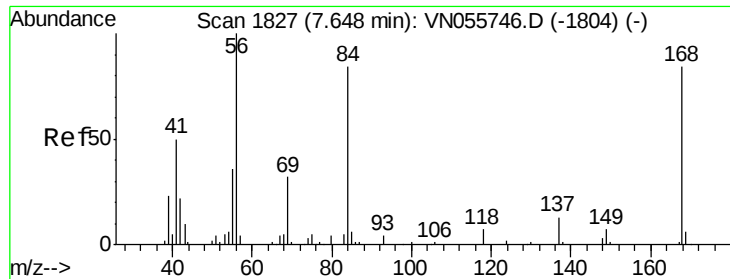
#30
Chloroform
Concen: 52.159 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 83 Resp: 251299
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

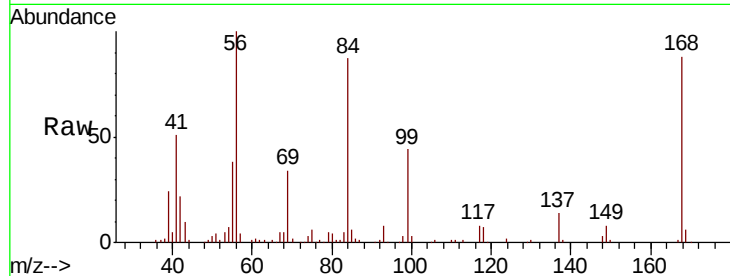




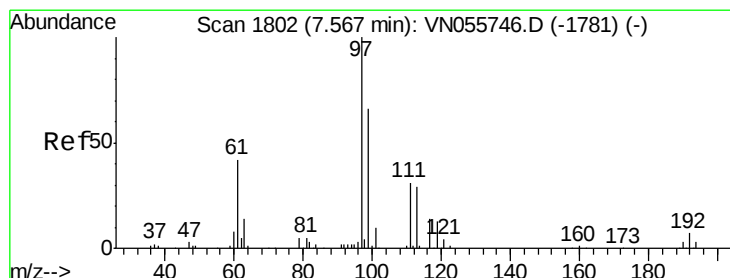
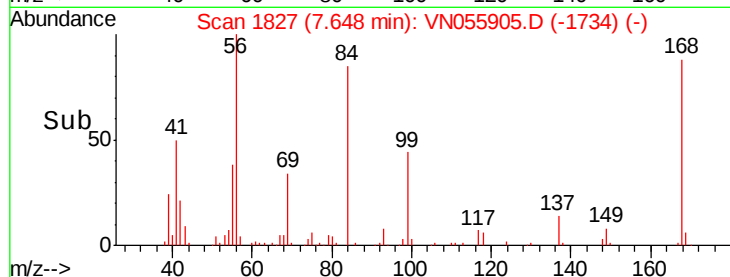
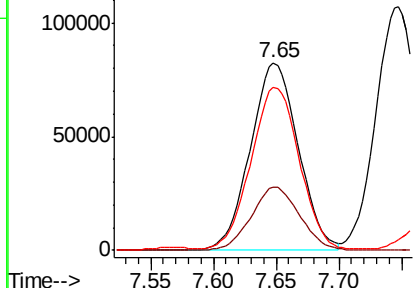
#31
Cyclohexane
Concen: 48.343 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 219271
Ion Ratio Lower Upper
56 100
69 33.9 25.6 38.4
84 85.9 67.4 101.0

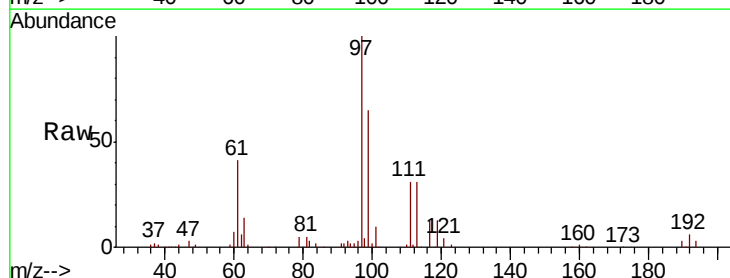


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

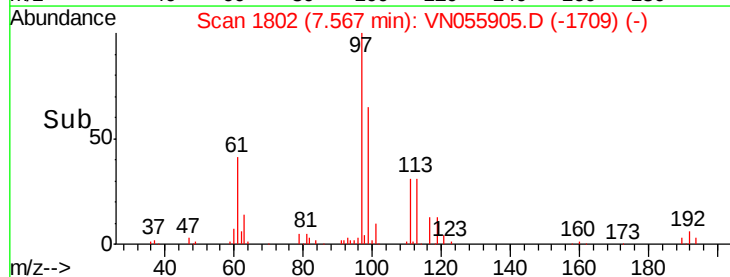
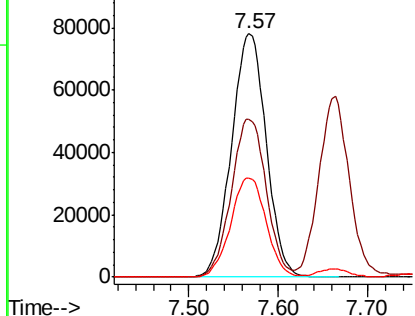


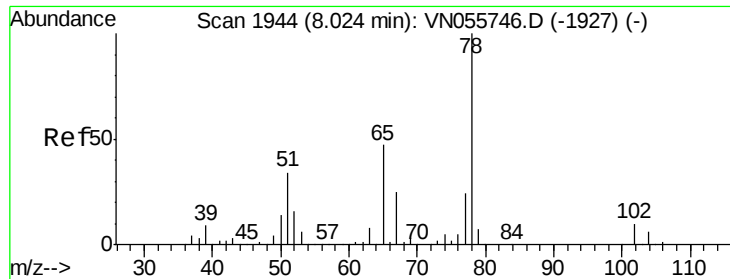
#32
1,1,1-Trichloroethane
Concen: 48.937 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 97 Resp: 210399
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 41.6 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: 52.892 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

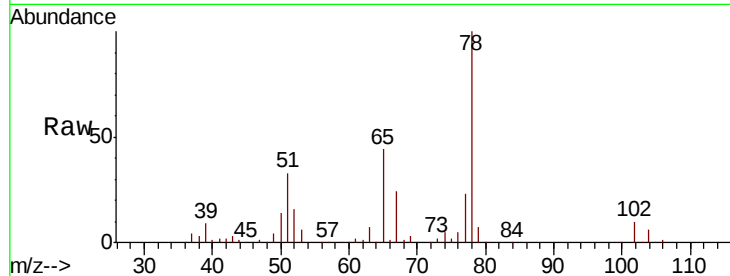
ClientSampled :

Tot Ion: 65 Resp: 159832

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055905.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055905.D (-1851) (-)

8.02

60000

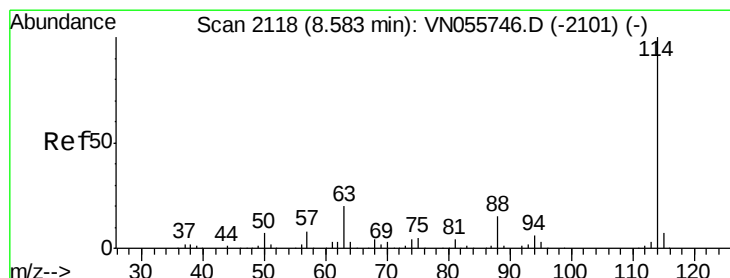
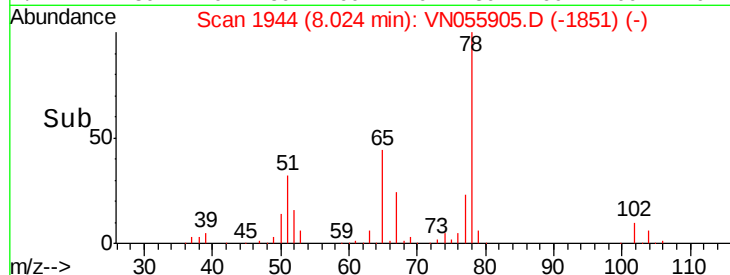
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

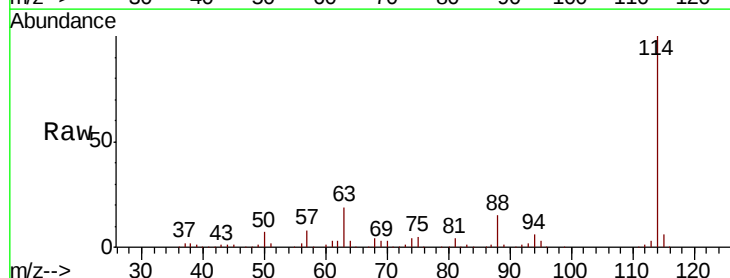
Tgt Ion: 114 Resp: 438421

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055905.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055905.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055905.D (-2025) (-)

8.58

250000

200000

150000

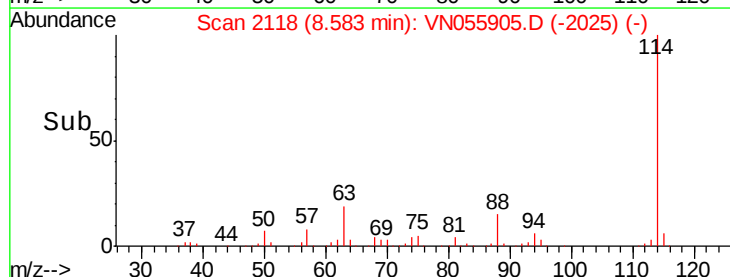
100000

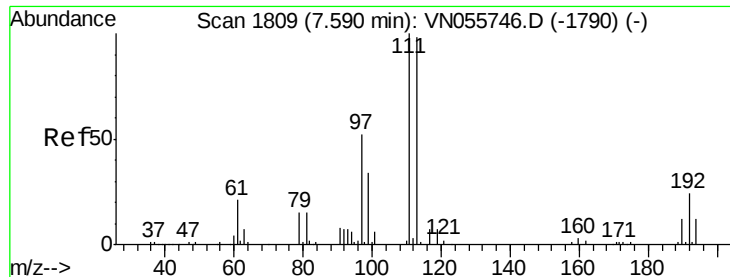
50000

0

8.50 8.60 8.70

Time-->

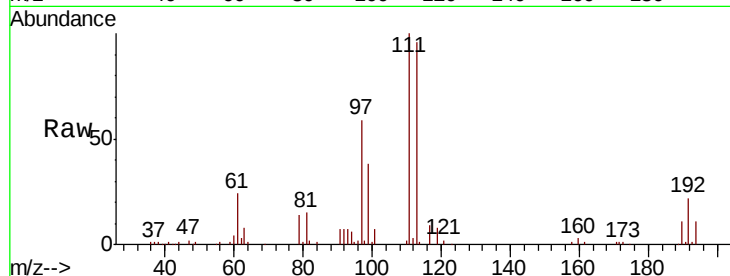




#35
 Dibromofluoromethane
 Concen: 50.918 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	22.8	19.5	29.3

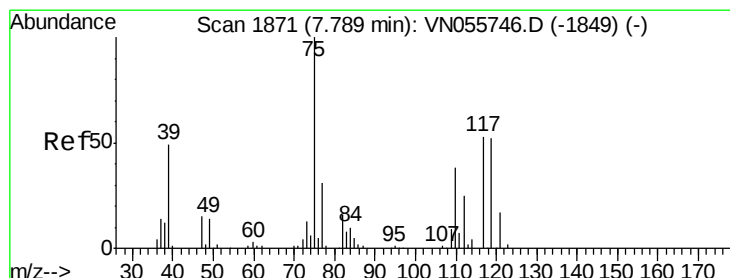
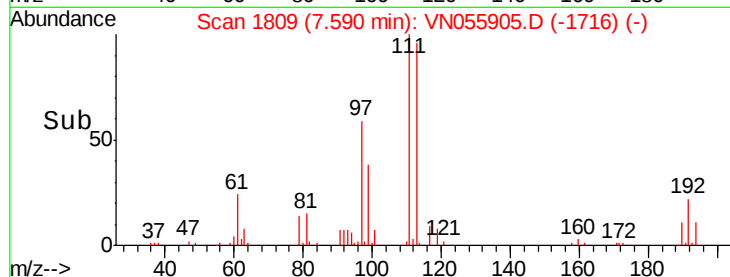
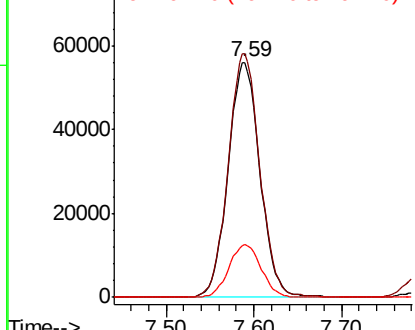


Abundance

Ion 112.80 (112.50 to 113.50): V

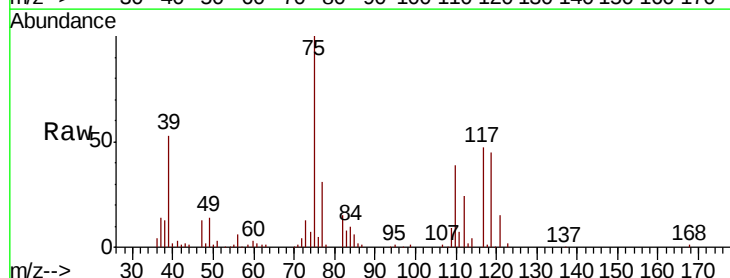
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.194 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.0	57.0
77	30.6	25.1	37.7

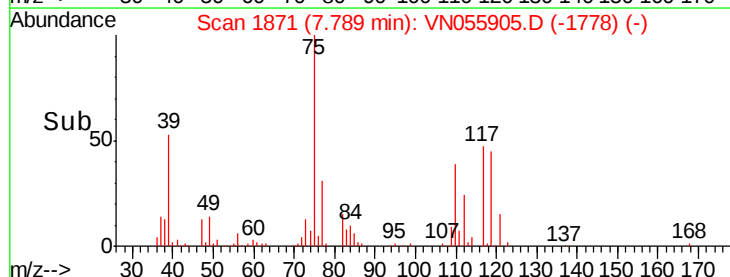
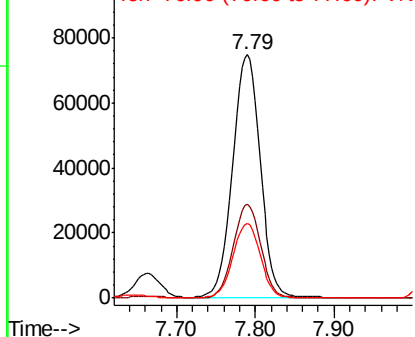


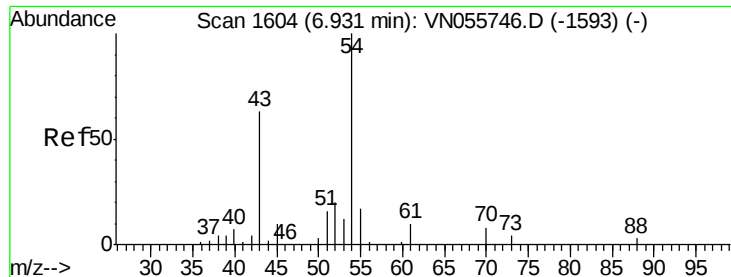
Abundance

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

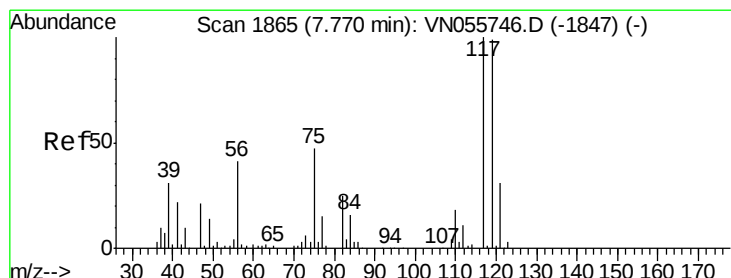
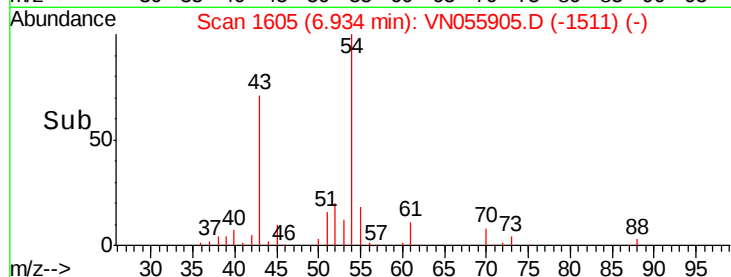
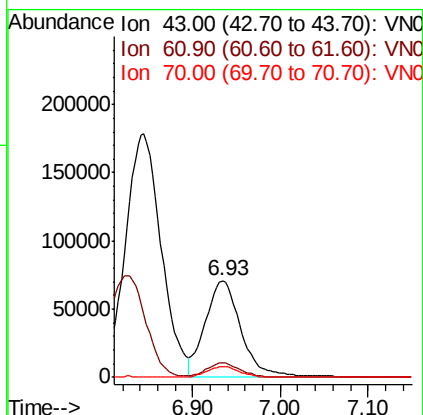
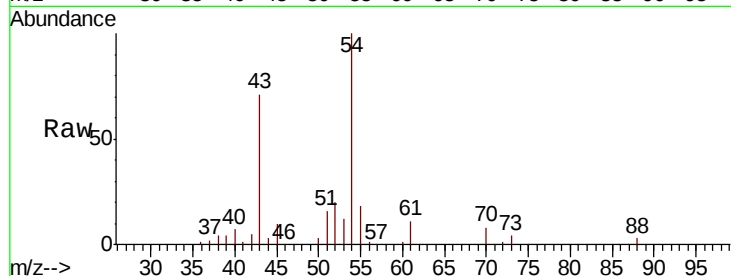




#37
Ethyl Acetate
Concen: 53.660 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

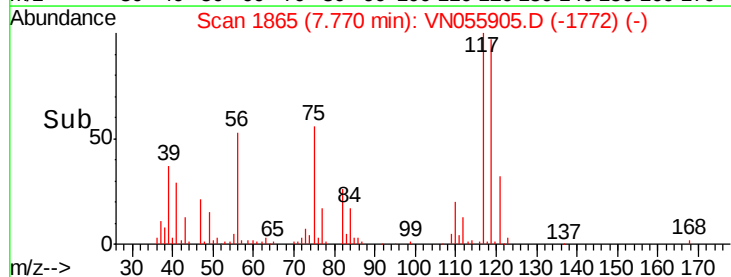
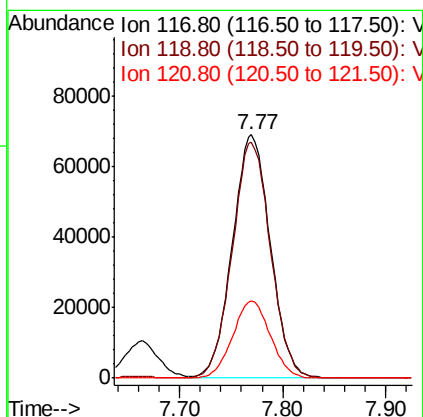
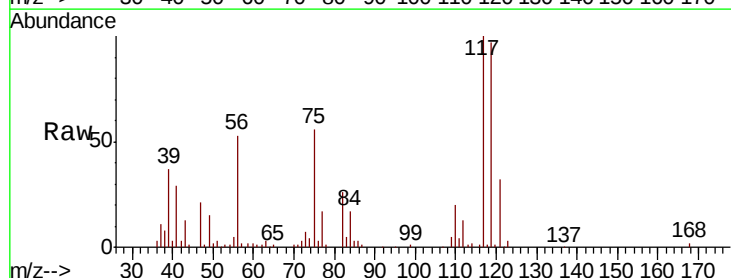
Instrument :
MSVOA_N
ClientSampled :

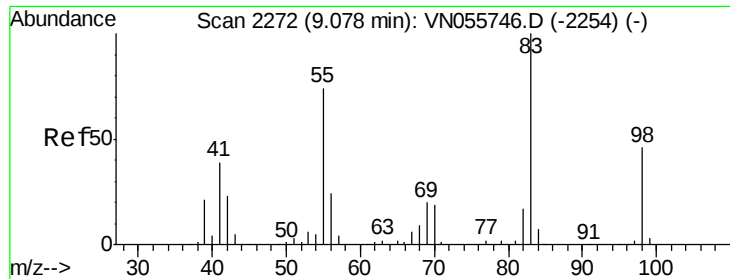
Tot Ion: 43 Resp: 198147
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 44.474 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 117 Resp: 176995
Ion Ratio Lower Upper
117 100
119 96.7 79.0 118.6
121 31.8 24.7 37.1

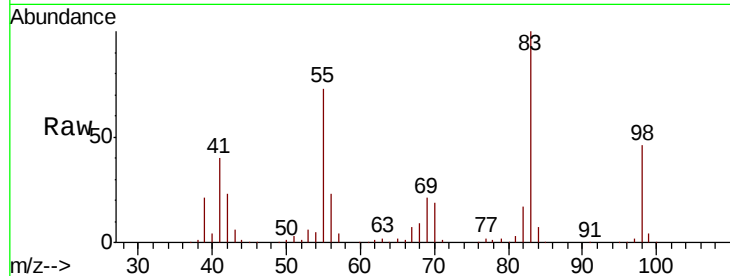




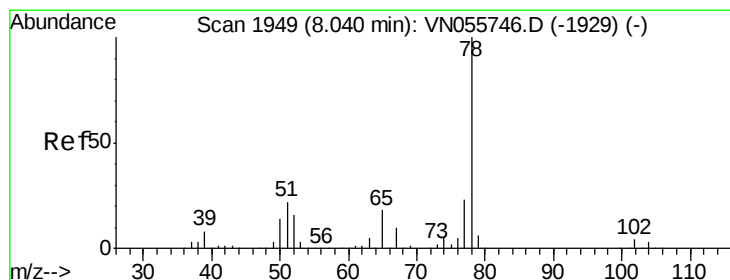
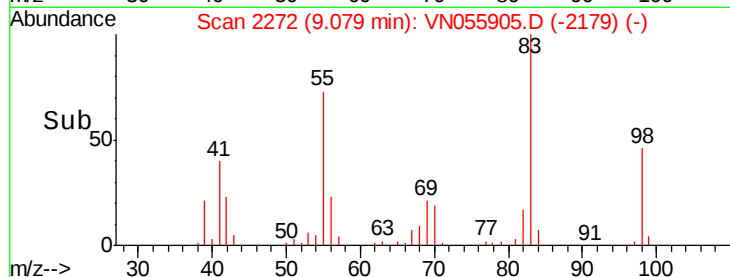
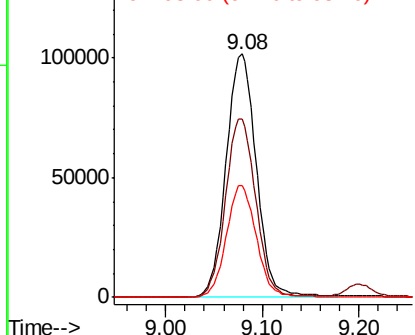
#39
Methvlcvclohexane
Concen: 46.931 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 222039
Ion Ratio Lower Upper
83 100
55 73.2 59.3 88.9
98 46.0 36.6 54.8

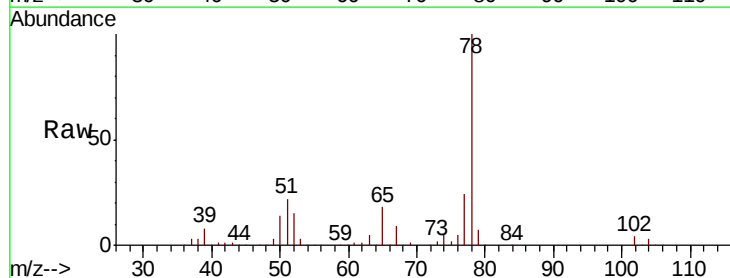


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

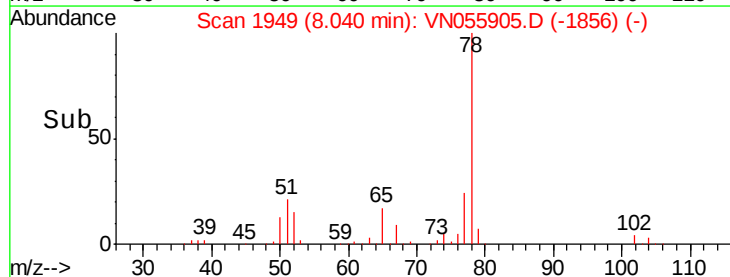
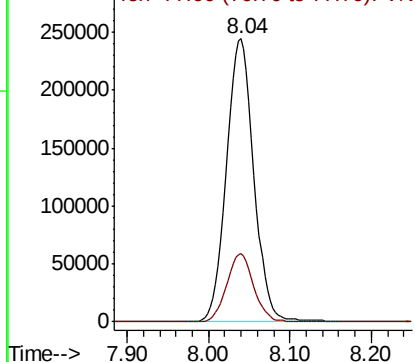


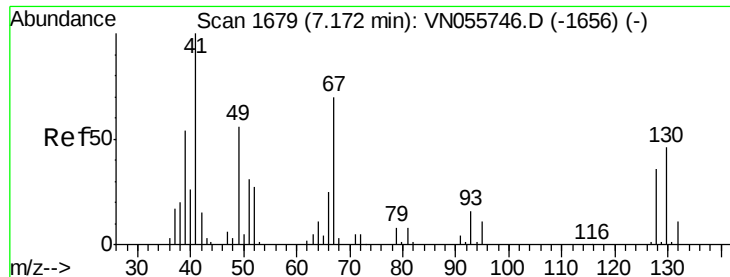
#40
Benzene
Concen: 50.103 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 78 Resp: 576924
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



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

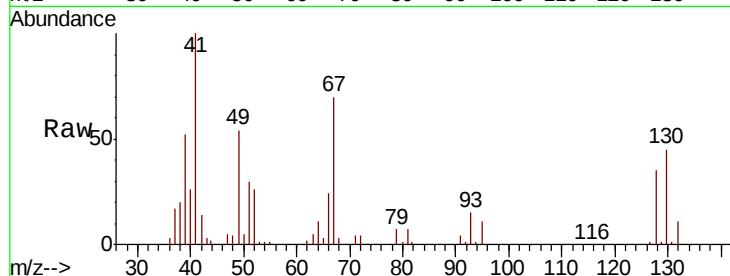




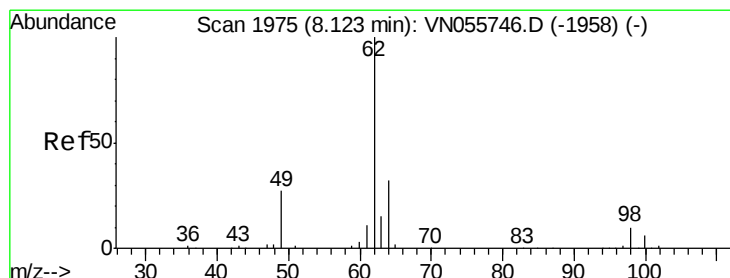
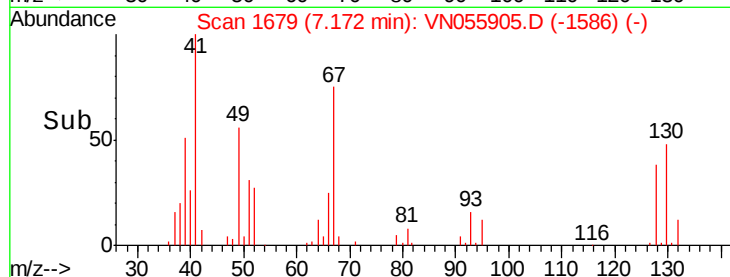
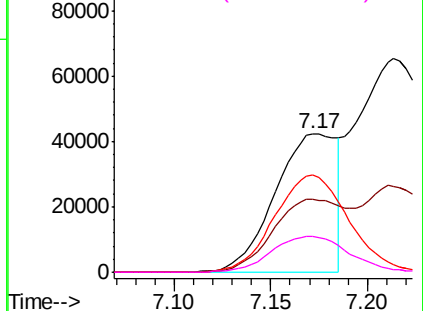
#41
Methacrylonitrile
Concen: 50.350 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 93931
Ion Ratio Lower Upper
41 100
39 61.6 45.6 68.4
67 85.8 67.7 101.5
52 33.2 26.6 40.0

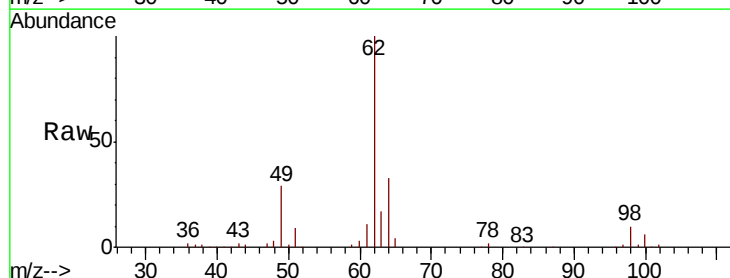


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

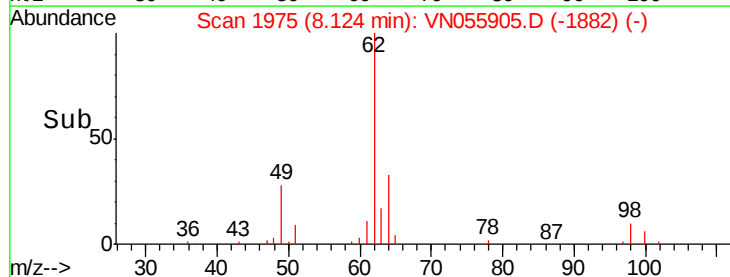
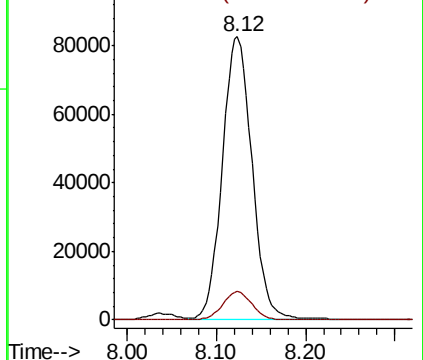


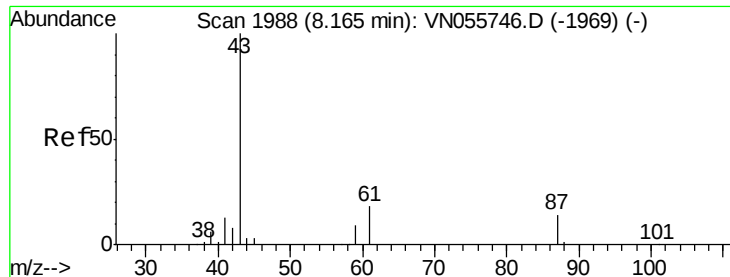
#42
1,2-Dichloroethane
Concen: 50.435 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 62 Resp: 189768
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 50.172 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

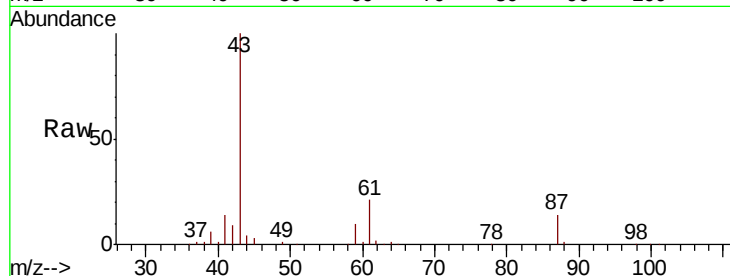
Tot Ion: 43 Resp: 311283

Ion Ratio Lower Upper

43 100

61 21.1 22.2 33.4#

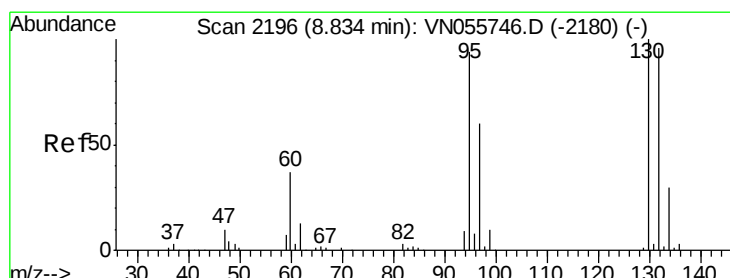
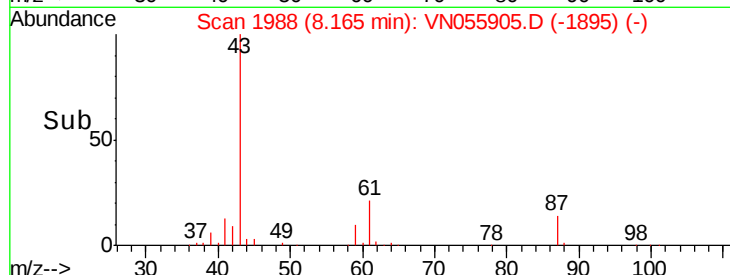
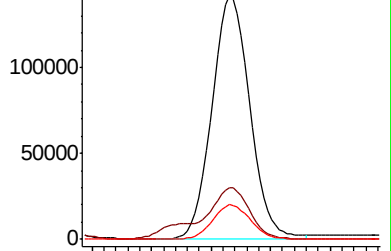
87 14.5 11.4 17.2



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

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

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



#44

Trichloroethene

Concen: 50.076 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055905.D

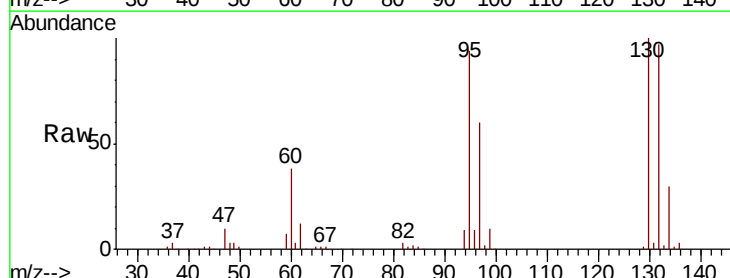
Acq: 30 May 2019 17:29

Tgt Ion:130 Resp: 160749

Ion Ratio Lower Upper

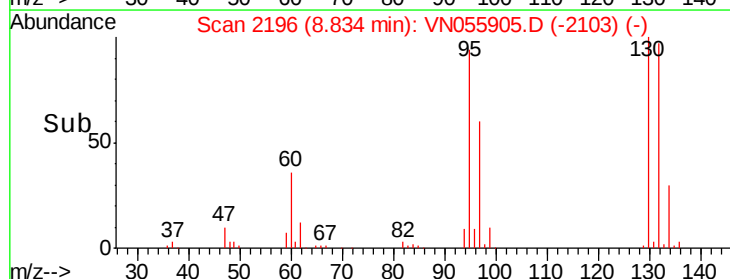
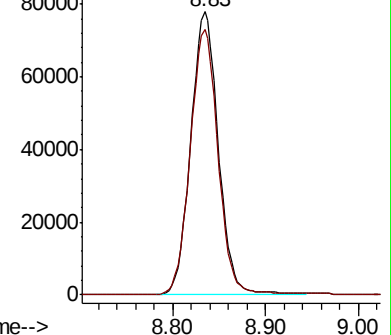
130 100

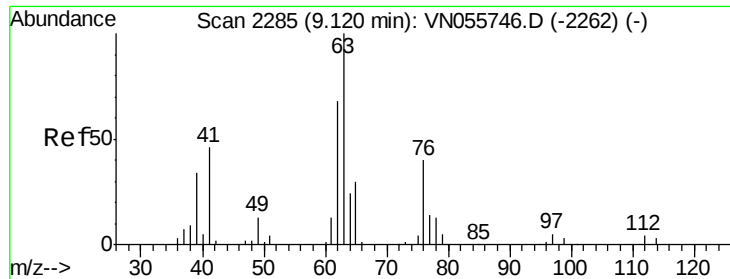
95 93.6 0.0 188.0



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

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





#45

1,2-Dichloropropane

Concen: 51.077 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

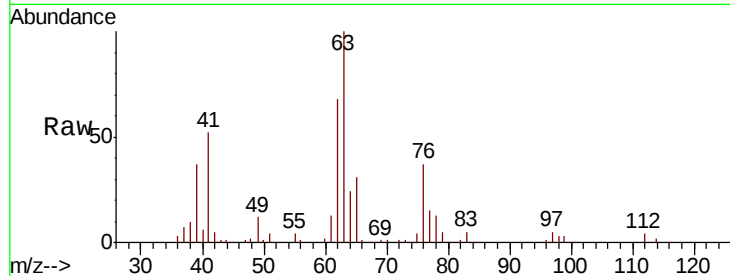
ClientSampleId :

Tot Ion: 63 Resp: 153234

Ion Ratio Lower Upper

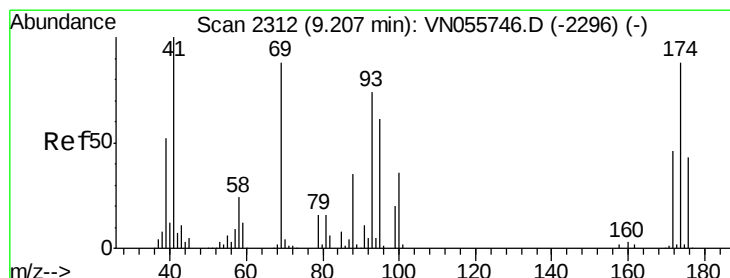
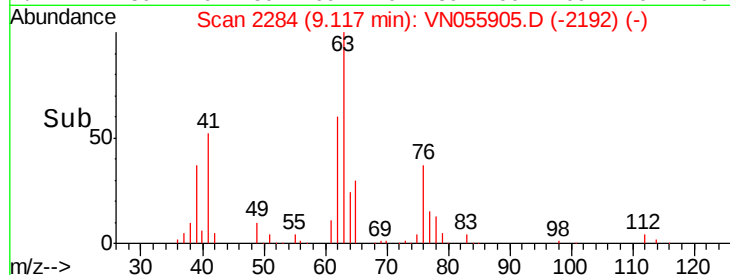
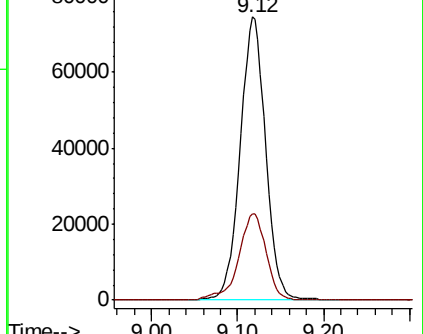
63 100

65 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.230 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

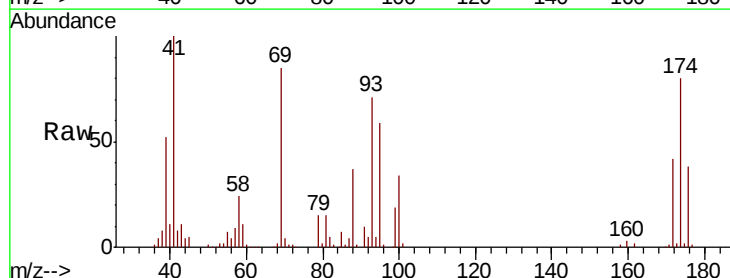
Tgt Ion: 93 Resp: 100794

Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

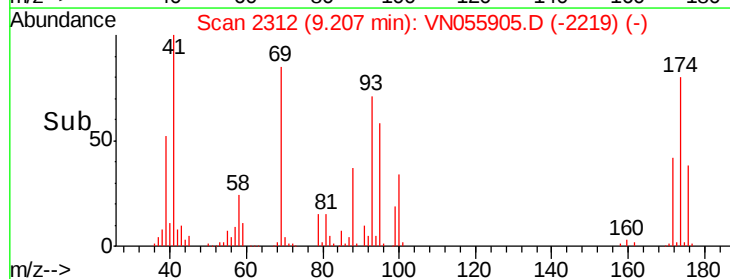
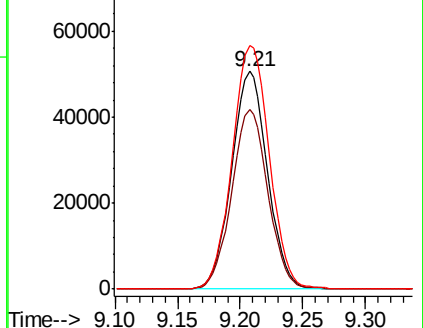
174 116.1 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.075 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

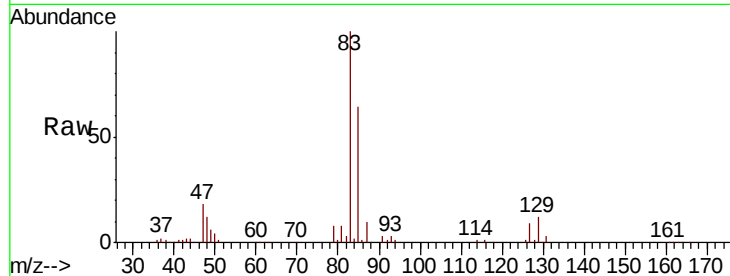
Tot Ion: 83 Resp: 193951

Ion Ratio Lower Upper

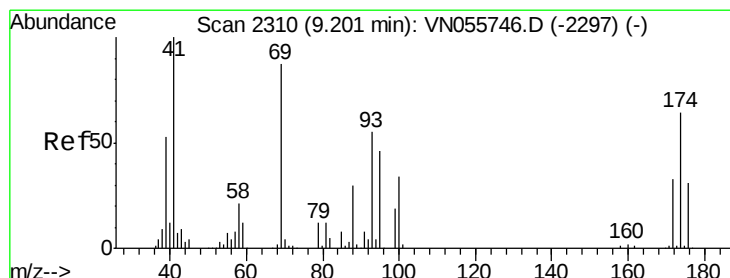
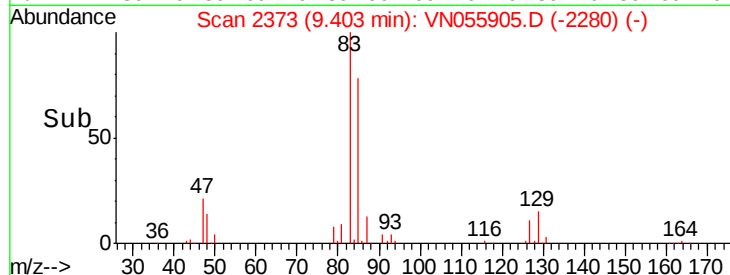
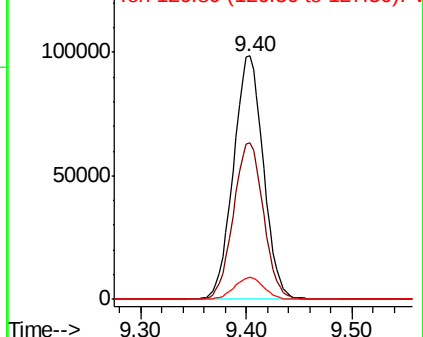
83 100

85 64.2 52.2 78.2

127 9.0 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): VN0



#48

Methyl methacrylate

Concen: 53.936 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

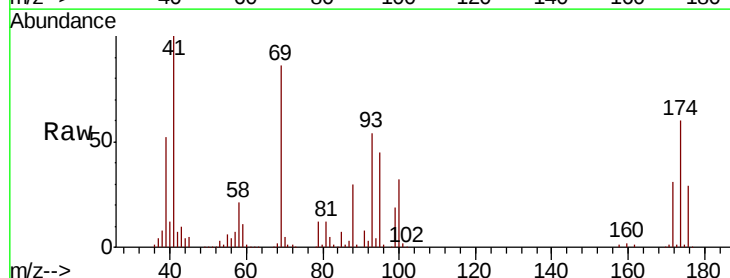
Tgt Ion: 41 Resp: 154225

Ion Ratio Lower Upper

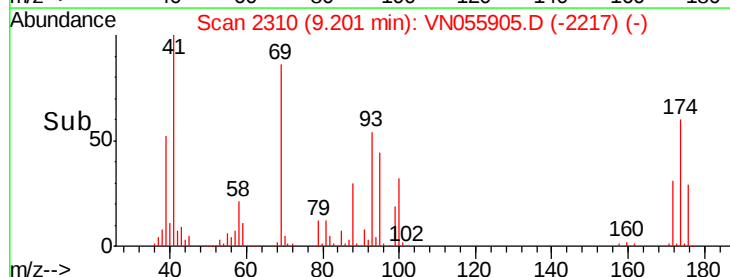
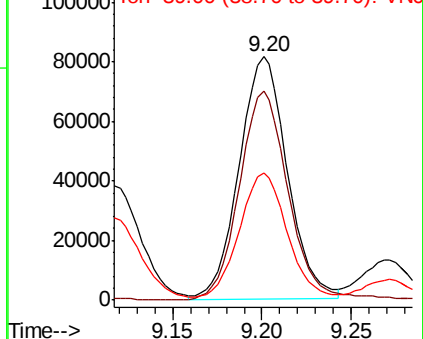
41 100

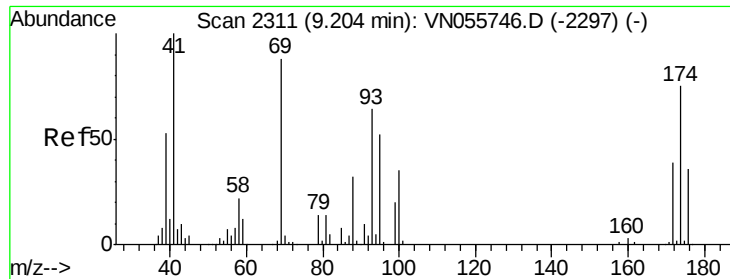
69 87.8 71.0 106.6

39 52.4 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: 1088.805 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

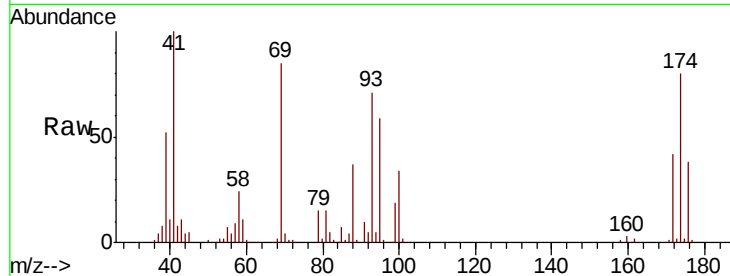
Tot Ion: 88 Resp: 64698

Ion Ratio Lower Upper

88 100

43 26.0 20.5 30.7

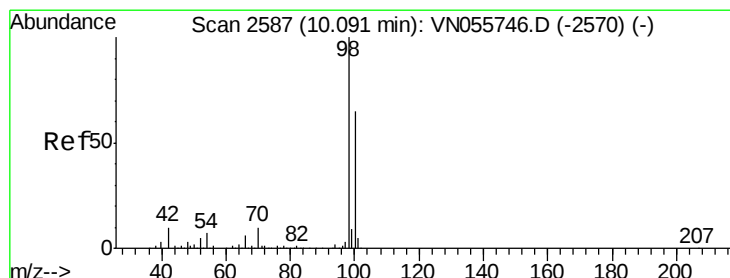
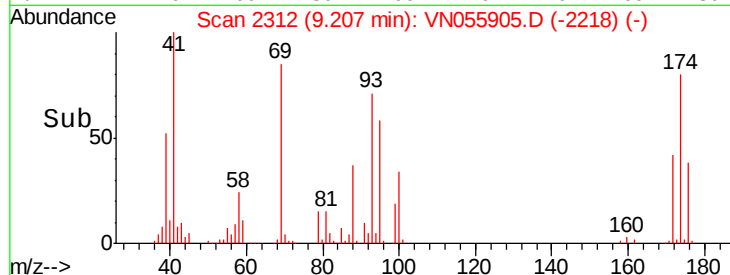
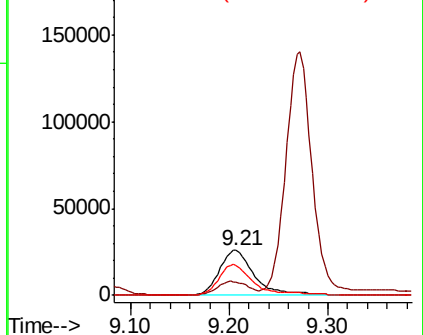
58 69.6 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055905.D (-2312) (-)

Ion 43.00 (42.70 to 43.70): VN055905.D (-2312) (-)

Ion 58.00 (57.70 to 58.70): VN055905.D (-2312) (-)



#50

Toluene-d8

Concen: 50.632 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055905.D

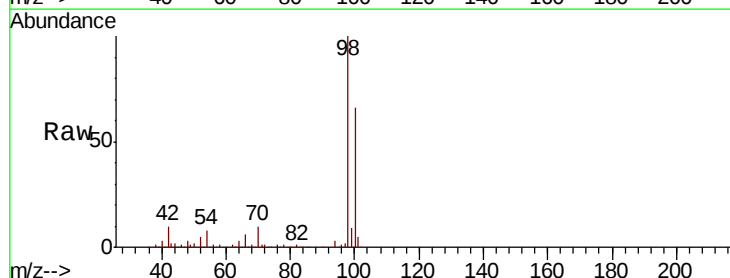
Acq: 30 May 2019 17:29

Tgt Ion: 98 Resp: 538342

Ion Ratio Lower Upper

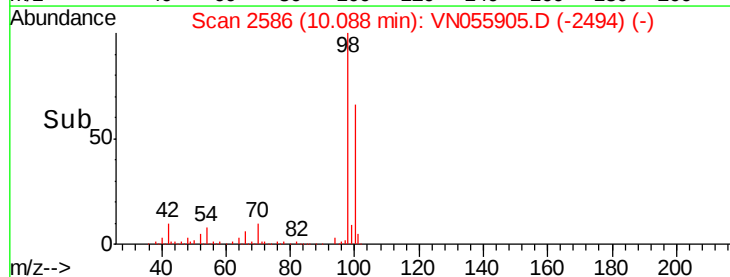
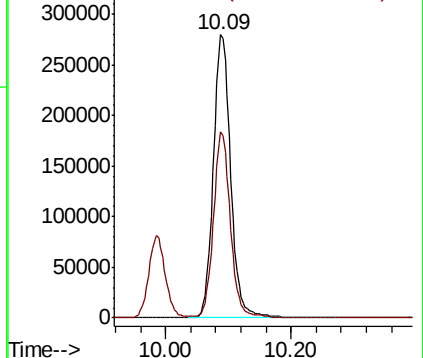
98 100

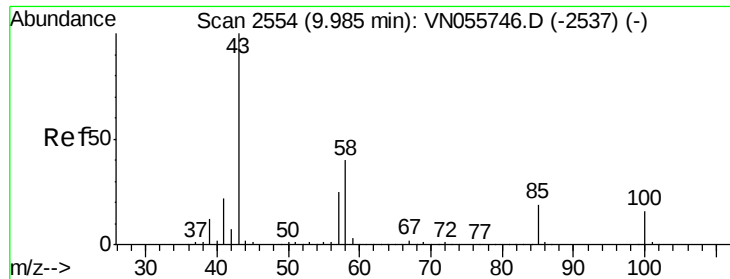
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055905.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN055905.D (-2587) (-)





#51

4-Methyl-2-Pentanone

Concen: 262.198 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

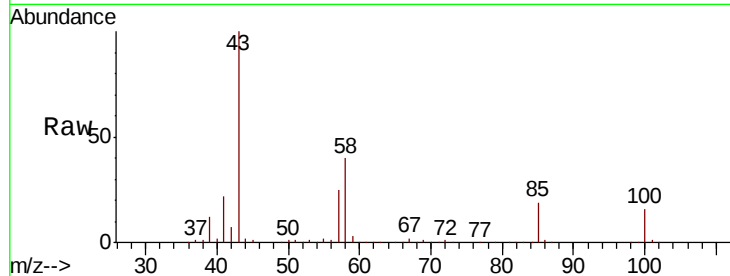
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 960765

Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2537) (-)

9.99

600000

500000

400000

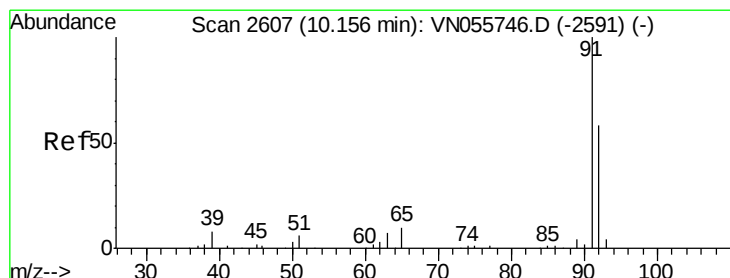
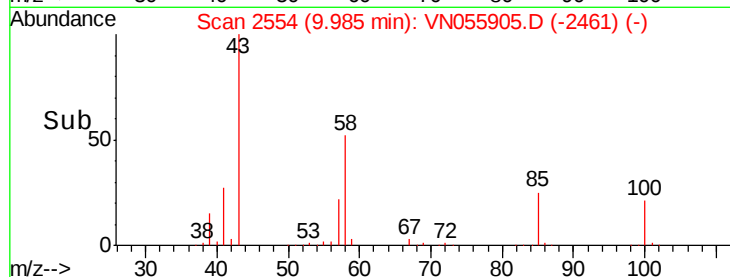
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.409 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055905.D

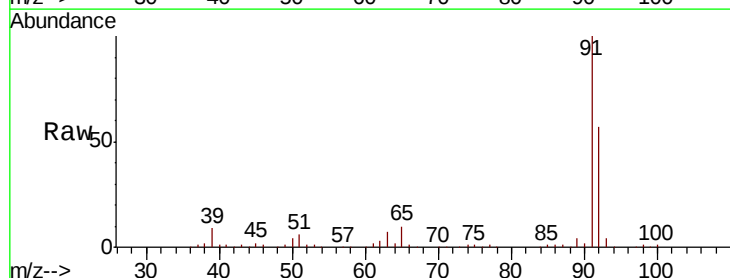
Acq: 30 May 2019 17:29

Tgt Ion: 92 Resp: 365058

Ion Ratio Lower Upper

92 100

91 174.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)

10.16

400000

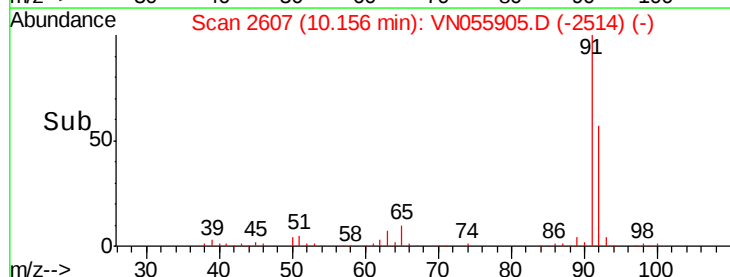
300000

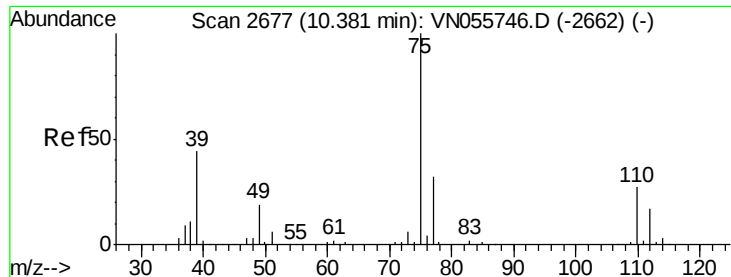
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.611 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

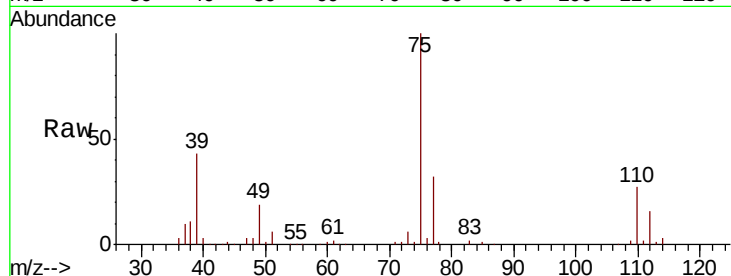
ClientSampled :

Tot Ion: 75 Resp: 209337

Ion Ratio Lower Upper

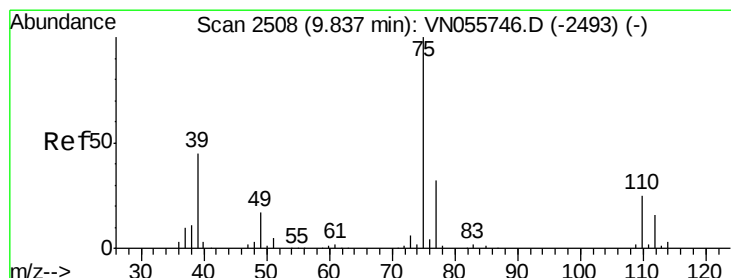
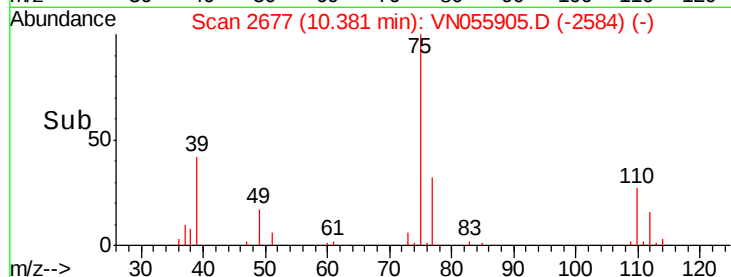
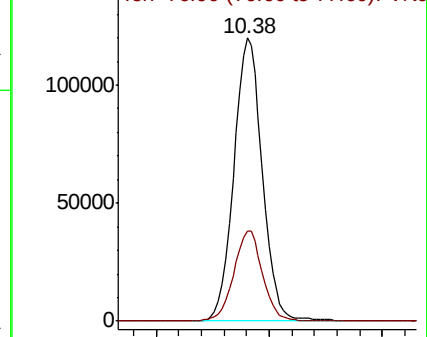
75 100

77 31.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.559 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

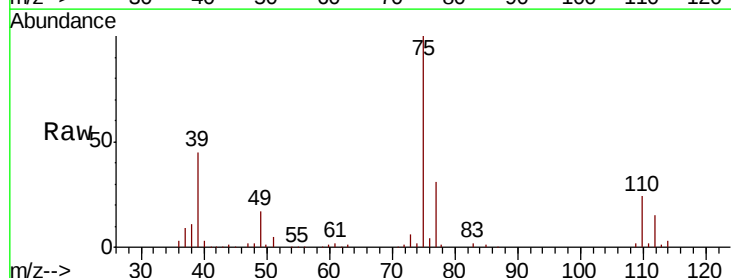
Tgt Ion: 75 Resp: 236431

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

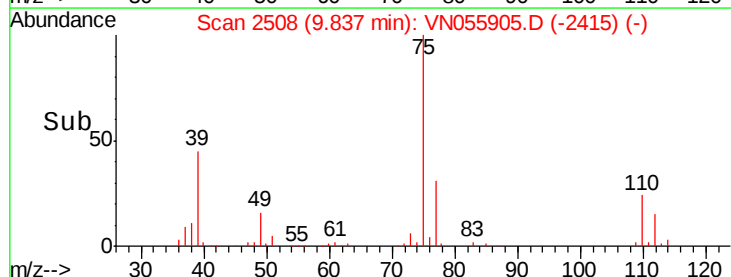
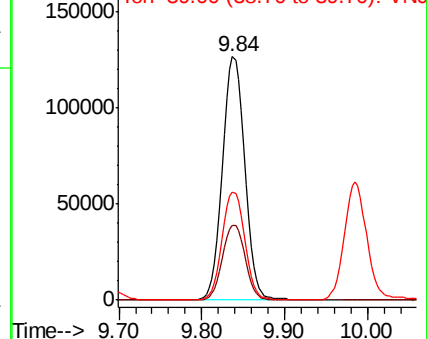
39 44.5 36.3 54.5

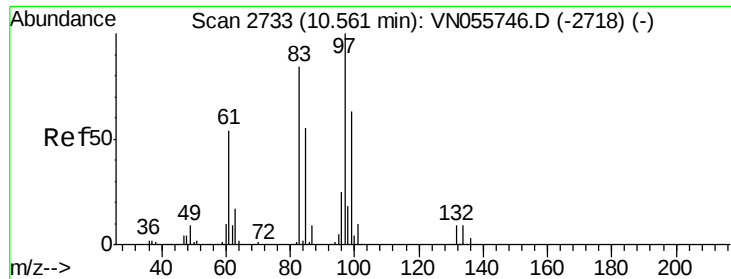


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

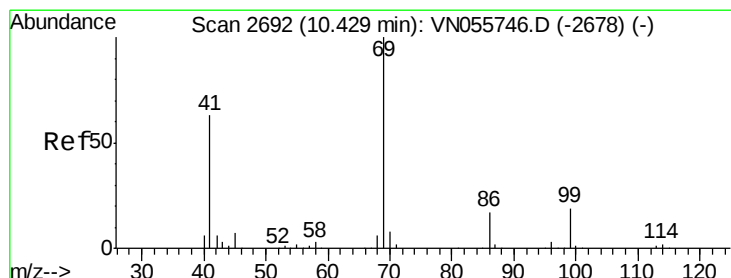
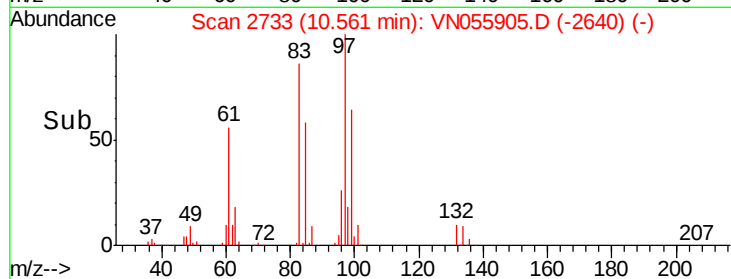
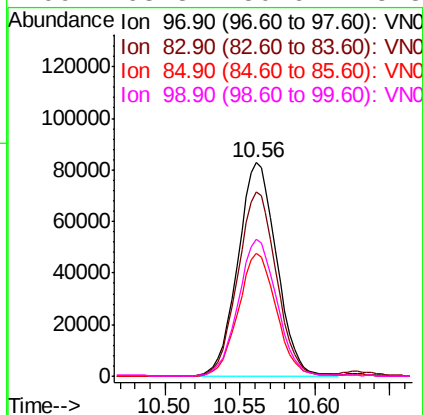
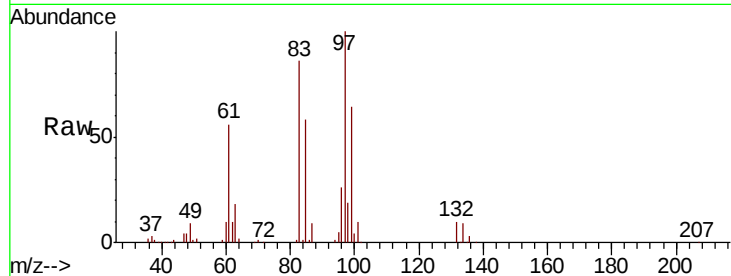




#55
 1,1,2-Trichloroethane
 Concen: 51.489 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

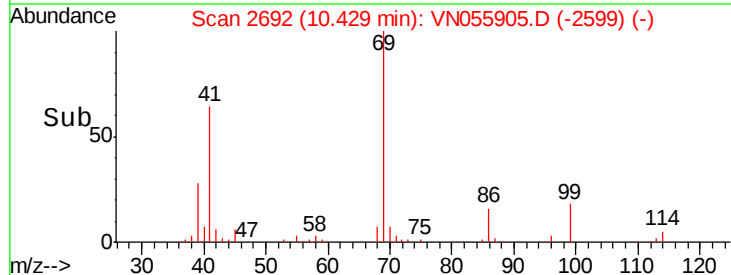
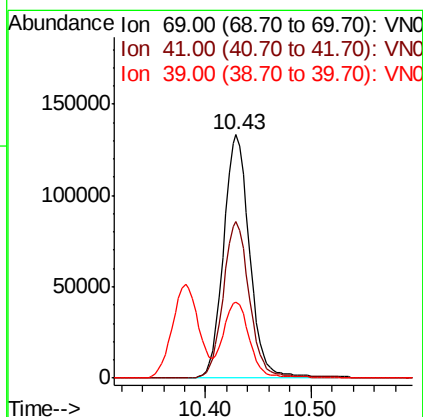
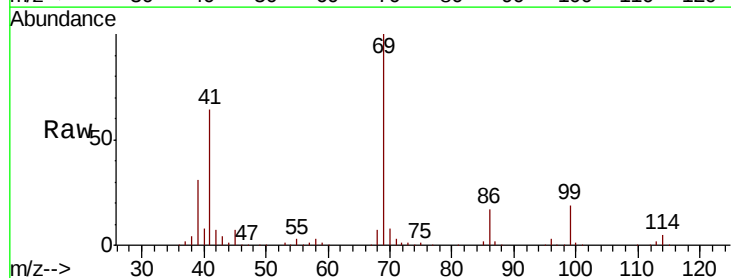
Instrument :
 MSVOA_N
 ClientSampleId :

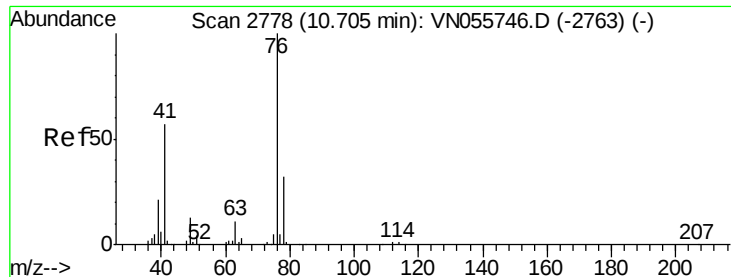
Tot Ion:	97	Resp:	149380
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.0	100.6
85	57.6	44.0	66.0
99	63.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 50.928 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion:	69	Resp:	228348
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.7	74.5
39	31.2	24.7	37.1

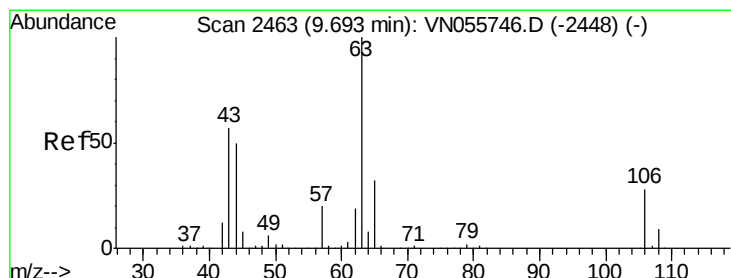
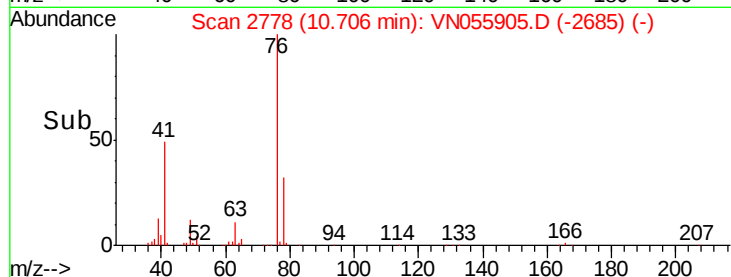
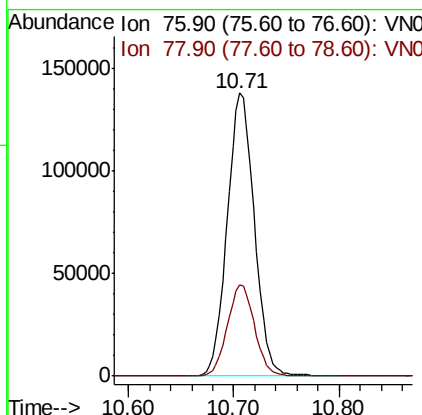
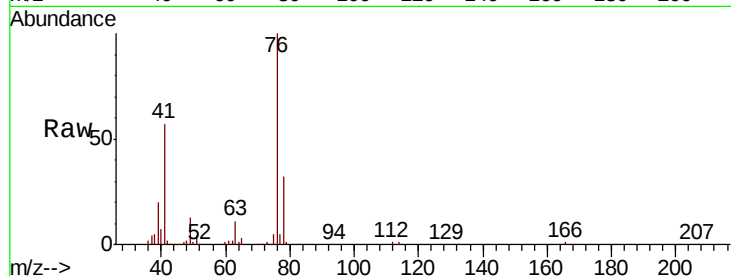




#57
 1,3-Dichloropropane
 Concen: 51.978 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

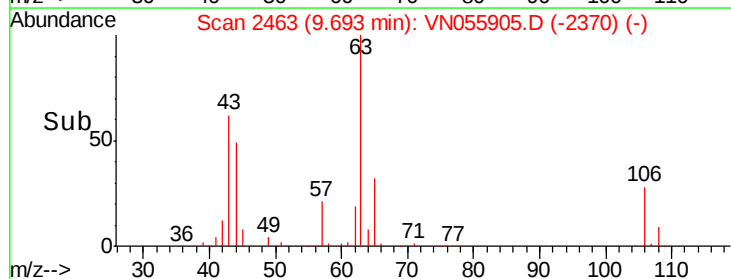
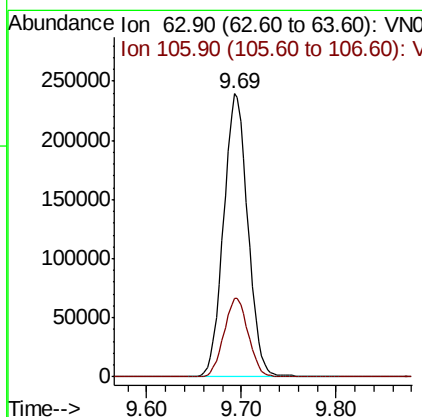
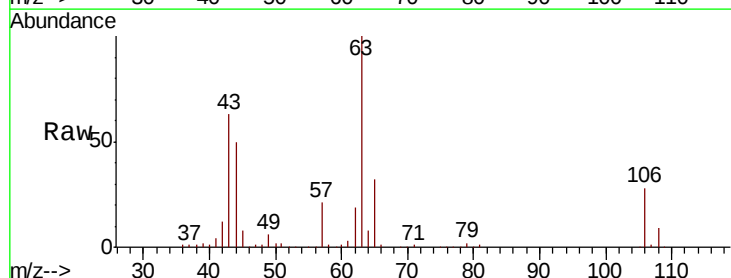
Instrument :
 MSVOA_N
 ClientSampled :

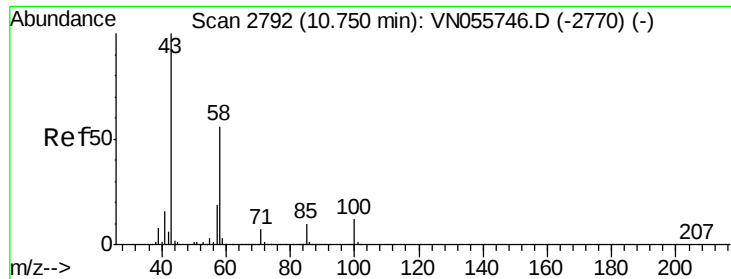
Tot Ion: 76 Resp: 245121
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.482 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion: 63 Resp: 427486
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1

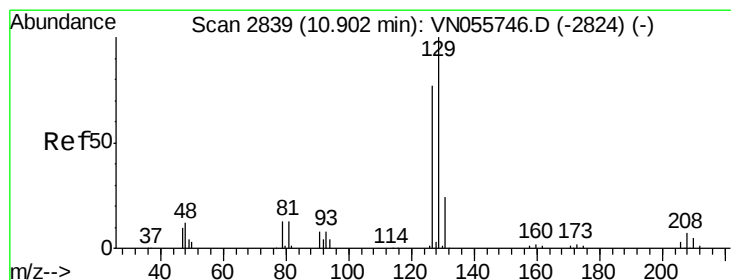
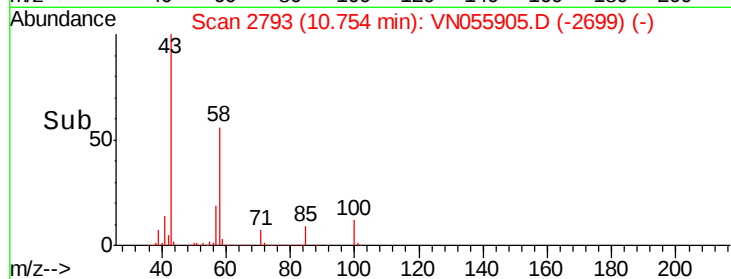
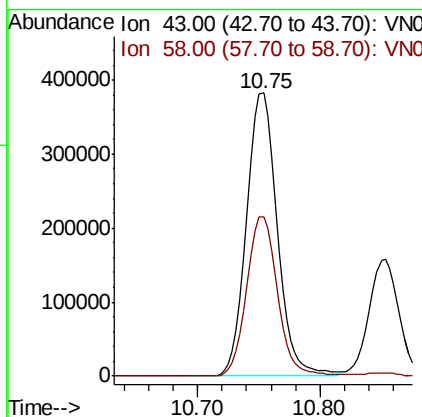
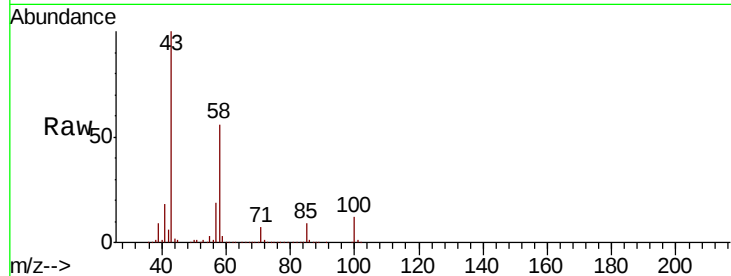




#59
2-Hexanone
Concen: 255.183 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

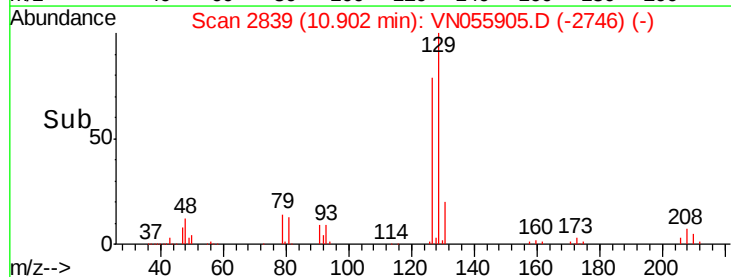
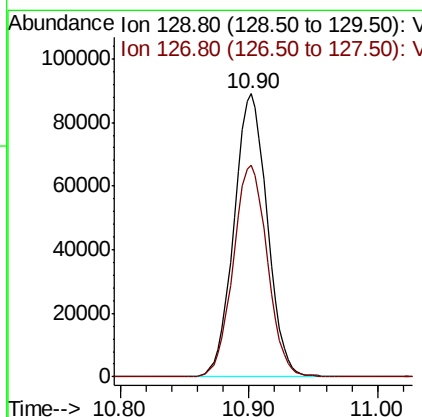
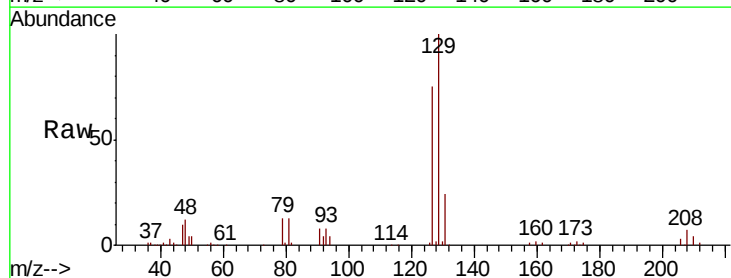
Instrument :
MSVOA_N
ClientSampled :

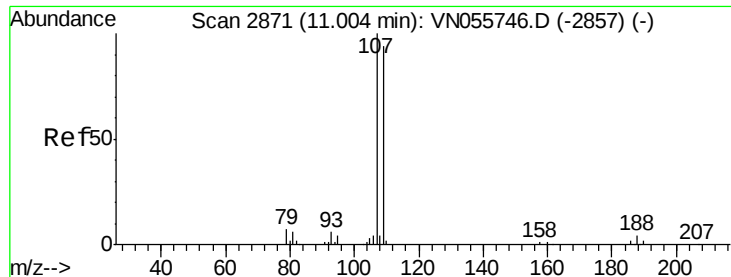
Tot Ion: 43 Resp: 663340
Ion Ratio Lower Upper
43 100
58 56.7 28.2 84.7



#60
Dibromochloromethane
Concen: 47.244 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 129 Resp: 159672
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

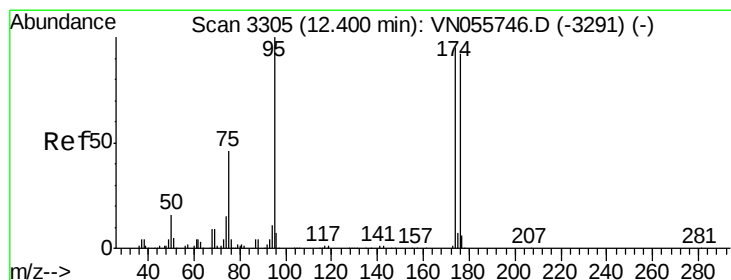
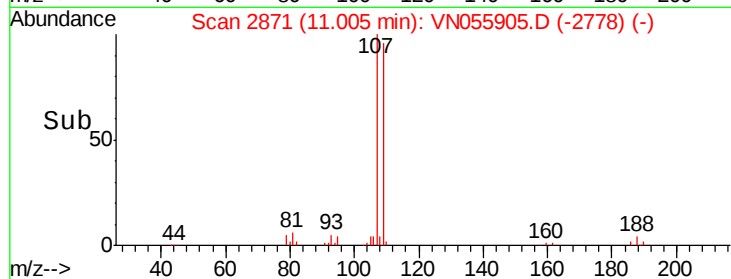
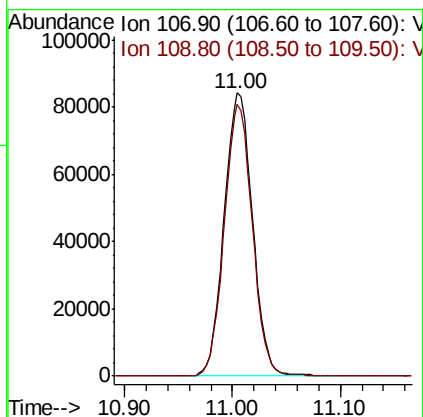
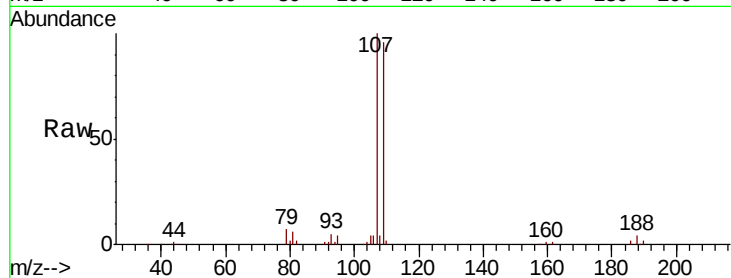




#61
 1,2-Dibromoethane
 Concen: 51.483 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

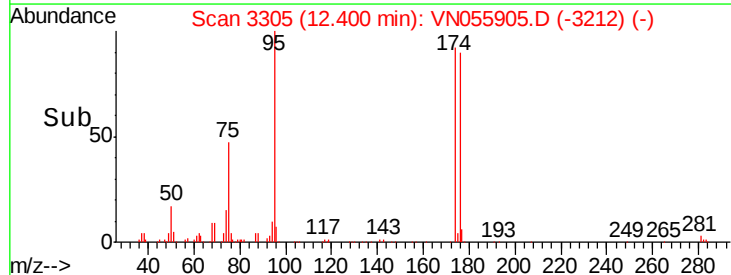
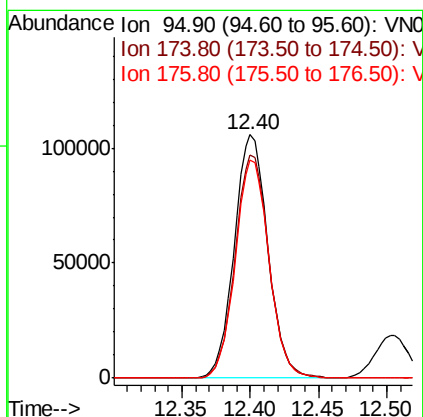
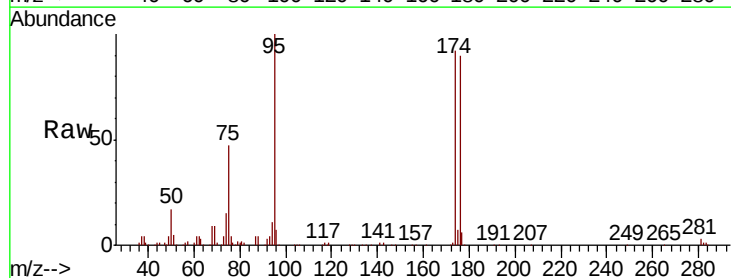
Instrument :
 MSVOA_N
 ClientSampleId :

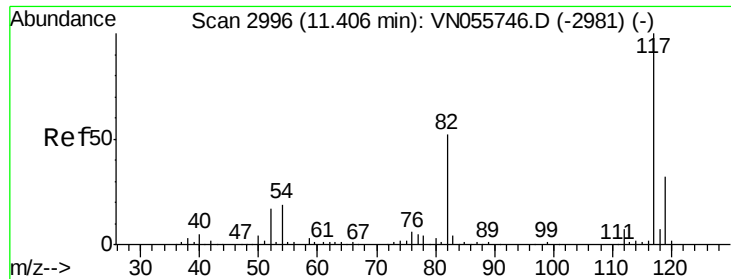
Tot Ion:107 Resp: 154926
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.589 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion: 95 Resp: 180789
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 191.0
 176 89.9 0.0 185.2

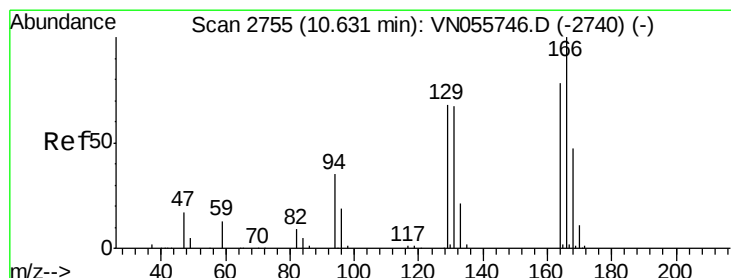
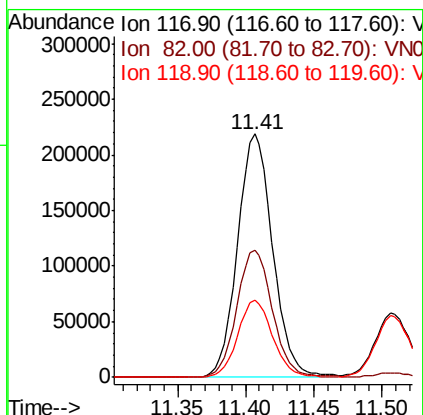
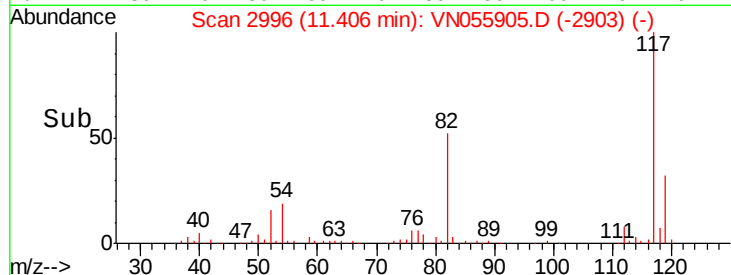
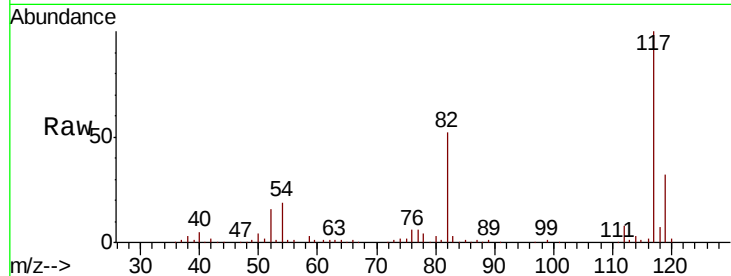




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

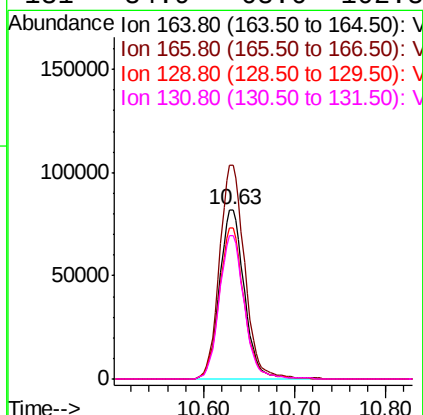
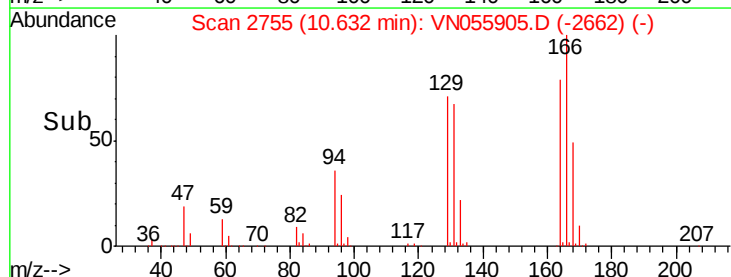
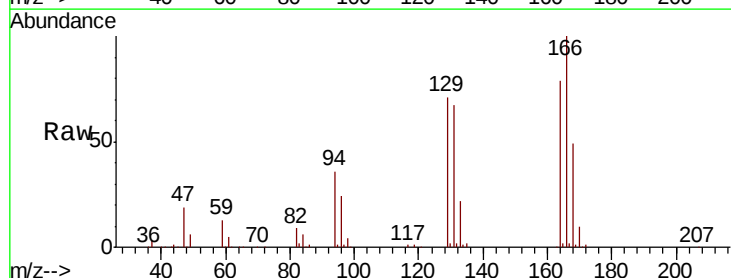
Instrument :
MSVOA_N
ClientSampled :

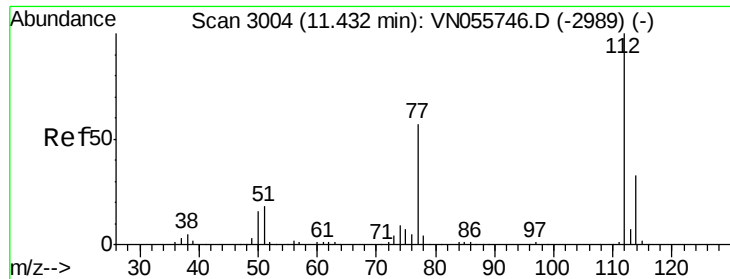
Tot Ion:117 Resp: 392135
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 46.973 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:164 Resp: 155356
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 89.2 70.6 105.8
131 84.9 68.6 102.8

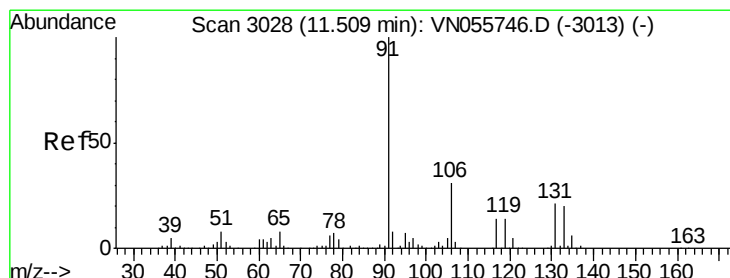
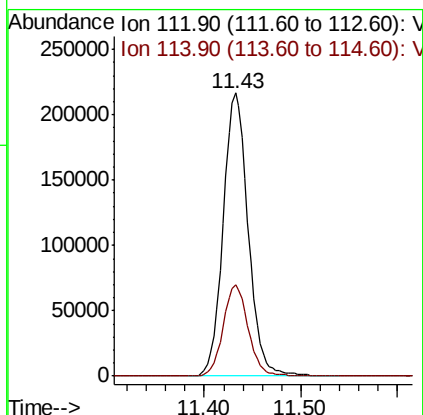
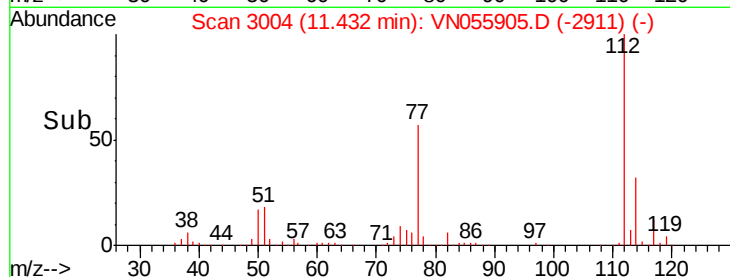
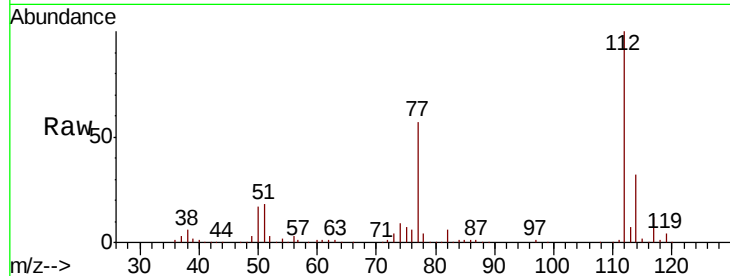




#65
Chlorobenzene
Concen: 49.548 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

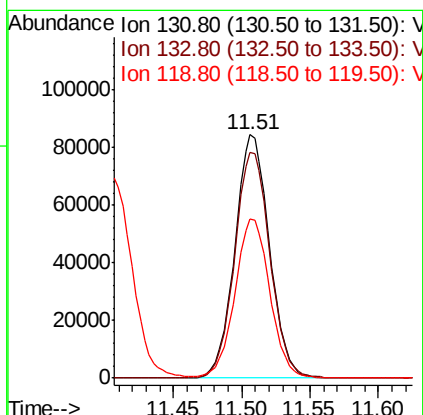
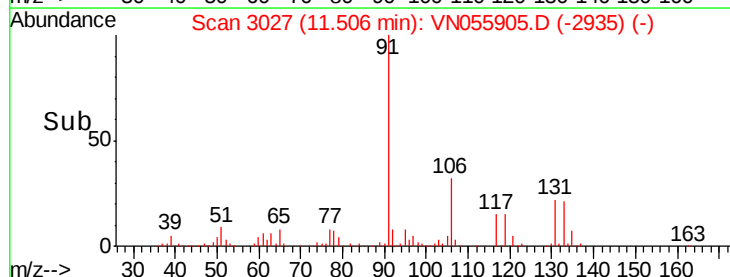
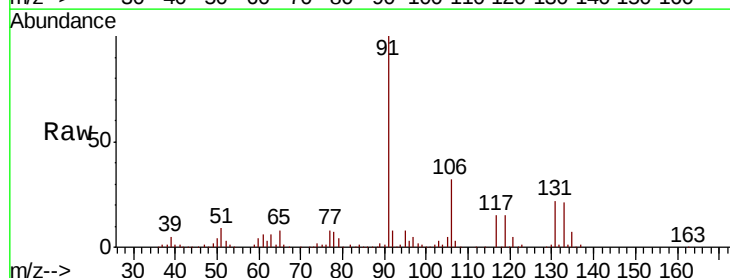
Instrument :
MSVOA_N
ClientSampleId :

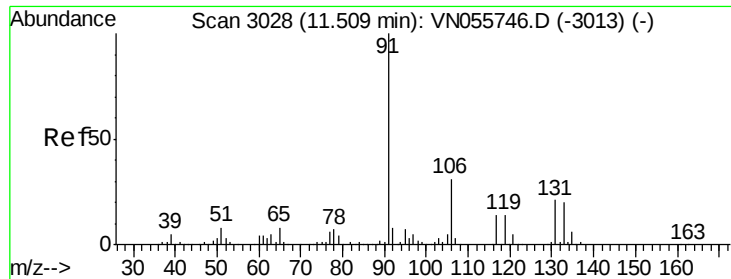
Tot Ion:112 Resp: 388958
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.257 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:131 Resp: 147956
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 66.2 33.1 99.5

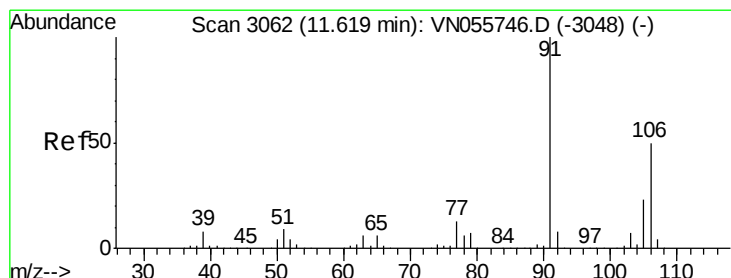
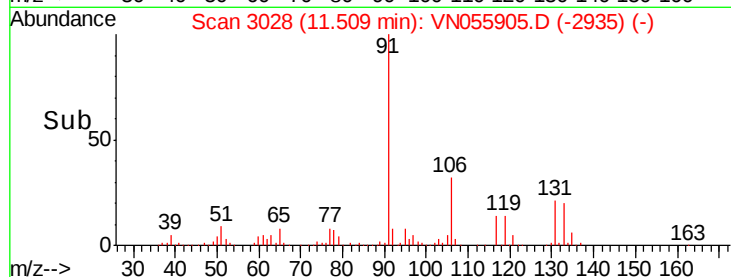
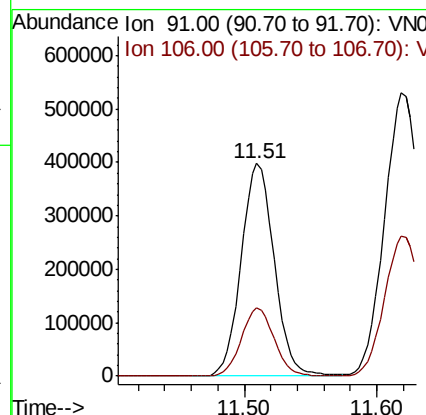
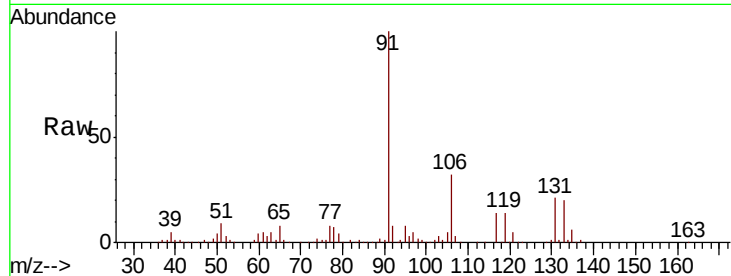




#67
Ethyl Benzene
Concen: 49.028 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

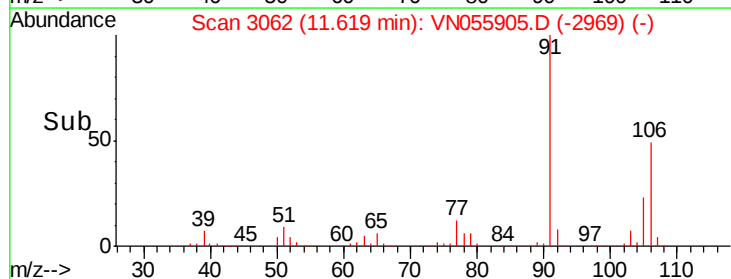
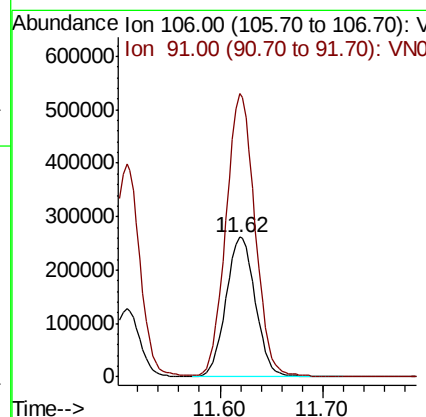
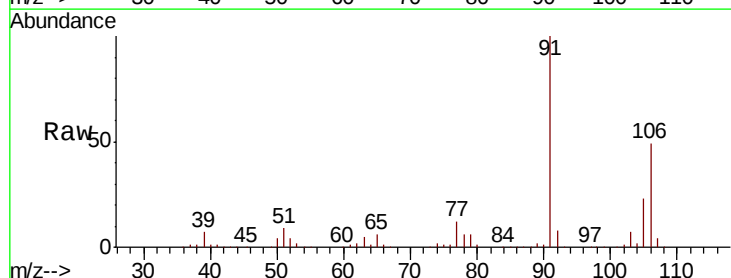
Instrument :
MSVOA_N
ClientSampled :

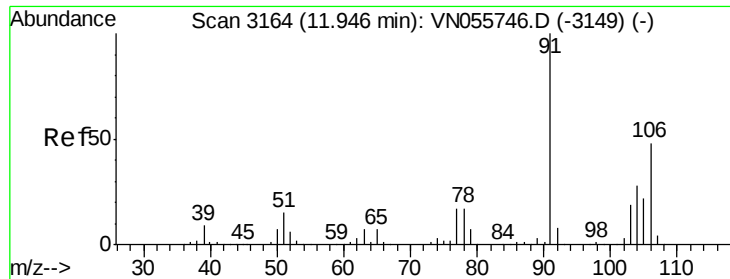
Tot Ion: 91 Resp: 690187
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 98.003 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:106 Resp: 521567
Ion Ratio Lower Upper
106 100
91 199.7 159.3 238.9

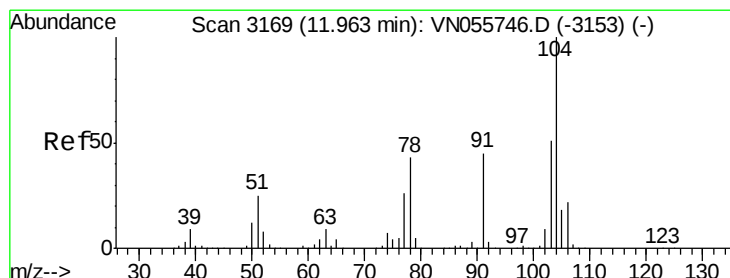
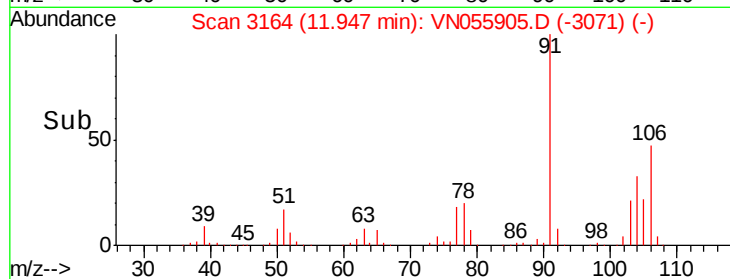
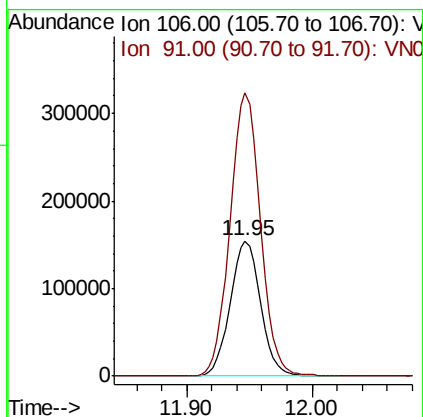
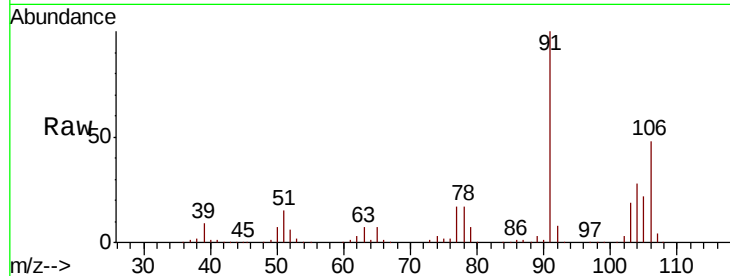




#69
o-Xylene
Concen: 49.073 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

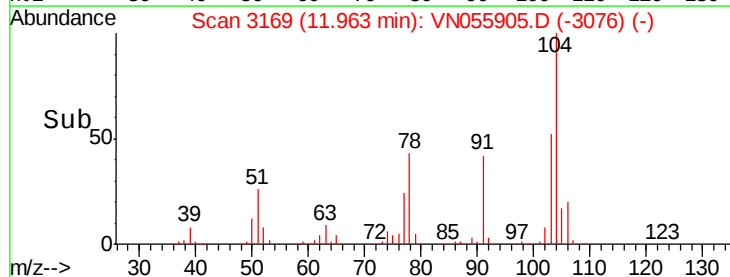
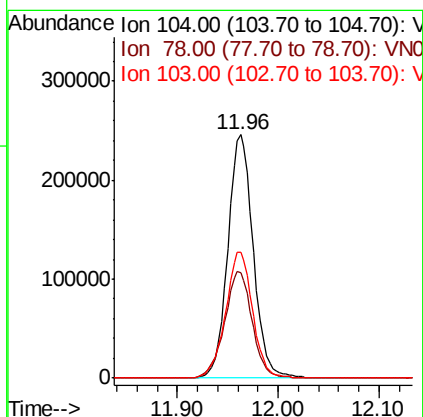
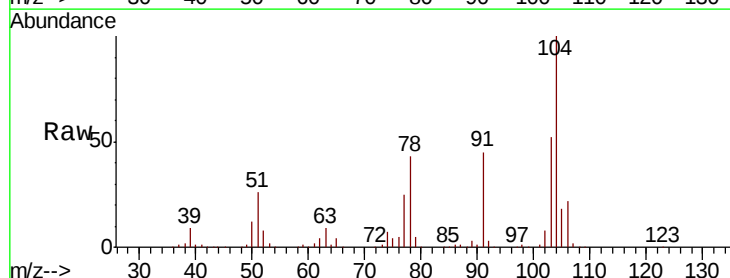
Instrument :
MSVOA_N
ClientSampled :

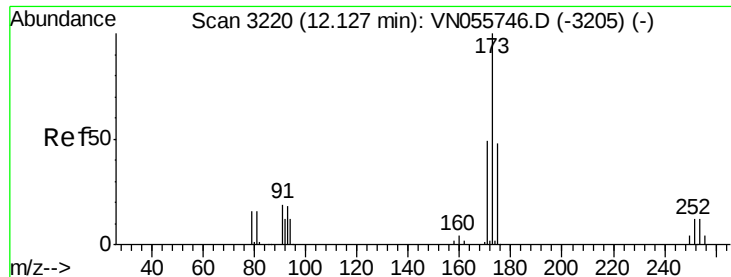
Tot Ion:106 Resp: 259109
Ion Ratio Lower Upper
106 100
91 209.8 104.7 314.1



#70
Styrene
Concen: 50.408 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:104 Resp: 431017
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.6
103 55.2 44.2 66.2

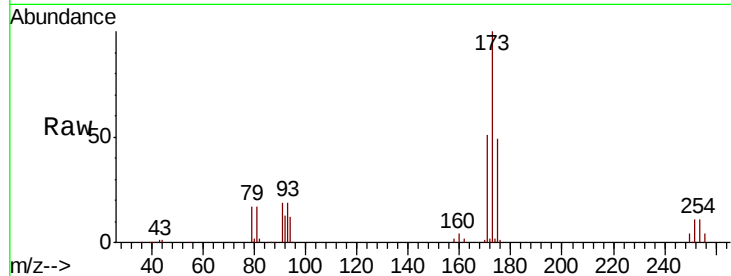




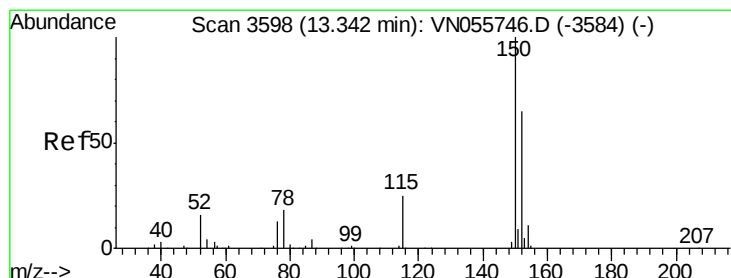
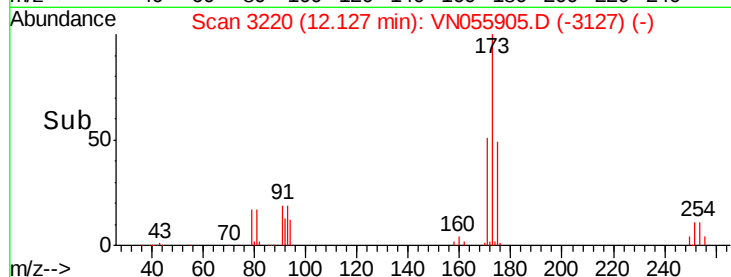
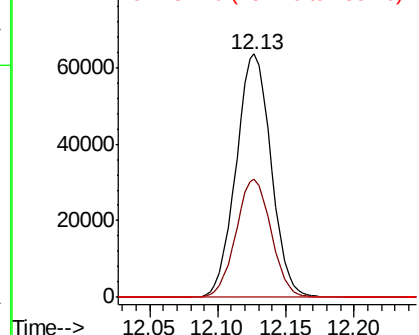
#71
Bromoform
Concen: 42.390 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 113203
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

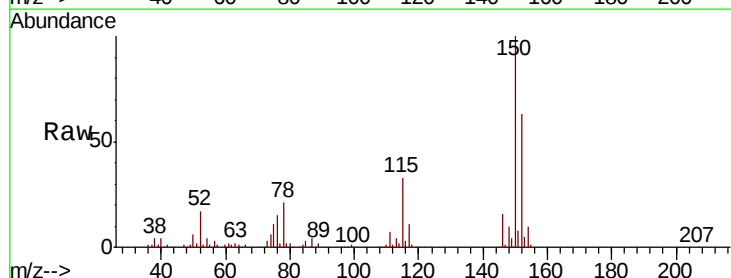


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

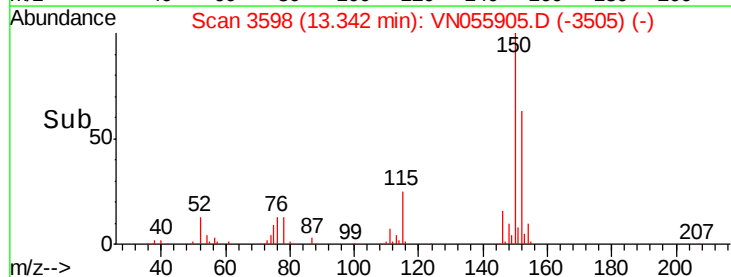
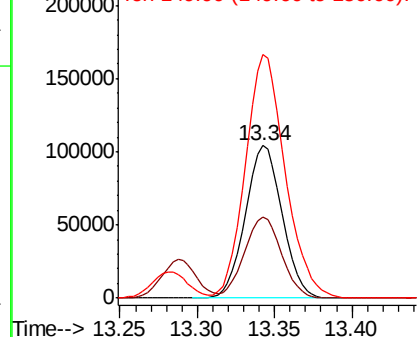


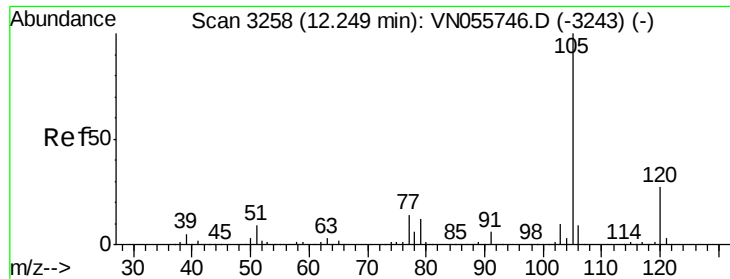
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:152 Resp: 172277
Ion Ratio Lower Upper
152 100
115 53.7 27.0 81.0
150 173.0 0.0 343.2



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





#73

Isopropylbenzene

Concen: 55.795 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

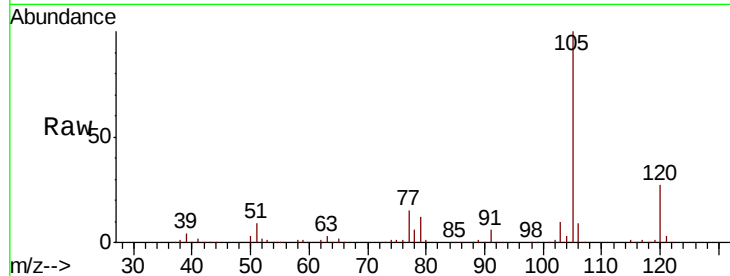
ClientSampleId :

Tot Ion:105 Resp: 679967

Ion Ratio Lower Upper

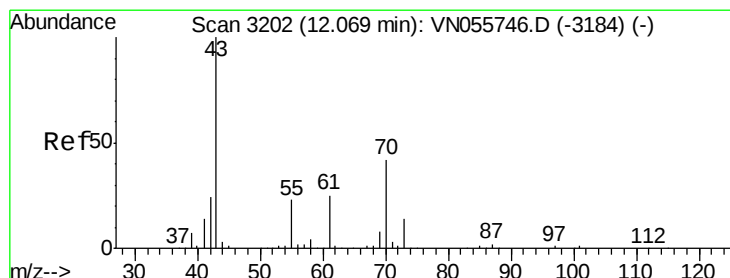
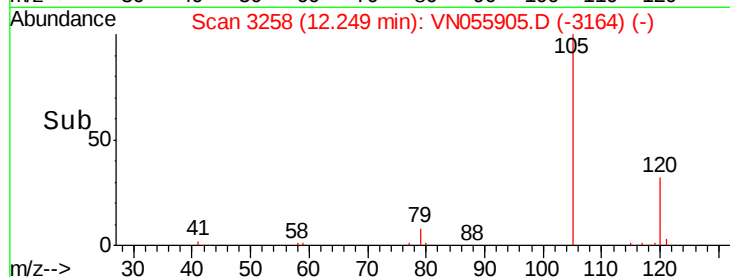
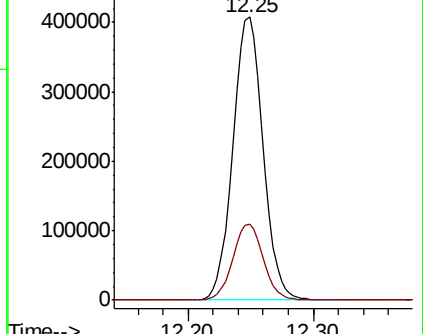
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.942 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Tgt Ion: 43 Resp: 250806

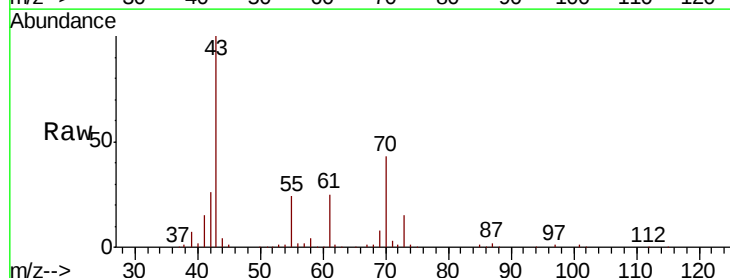
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 24.0 18.6 28.0

61 25.1 20.0 30.0

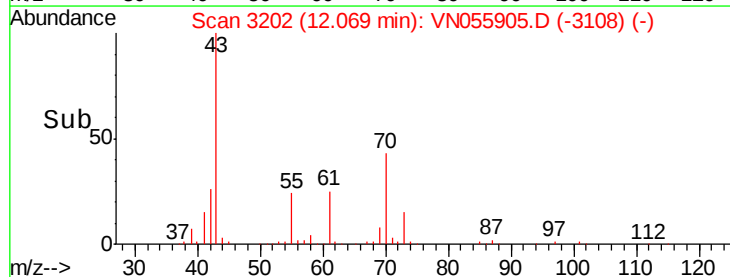
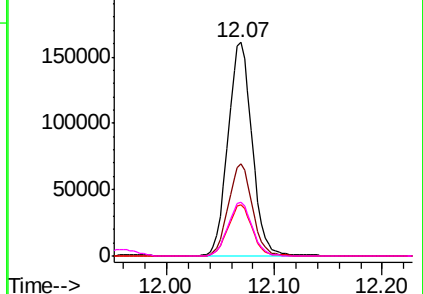


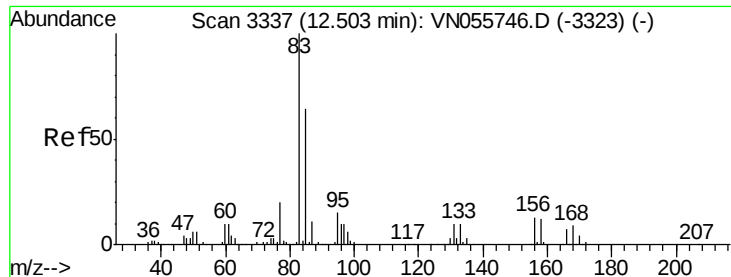
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 58.034 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

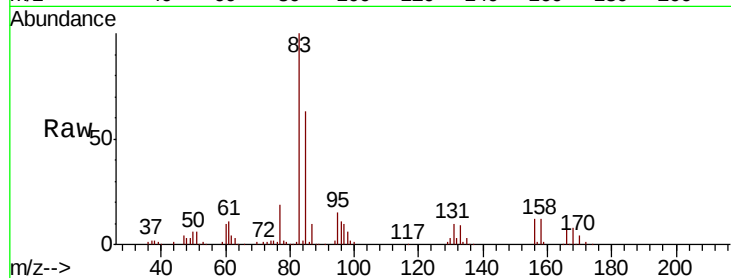
Tot Ion: 83 Resp: 208703

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

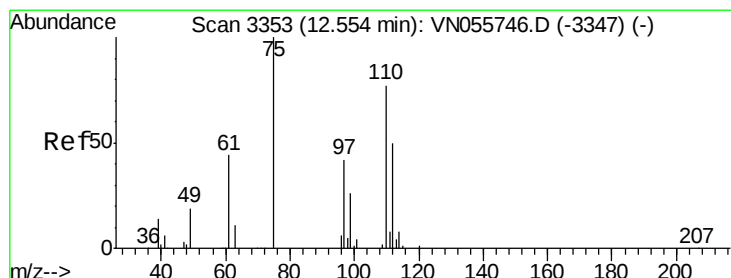
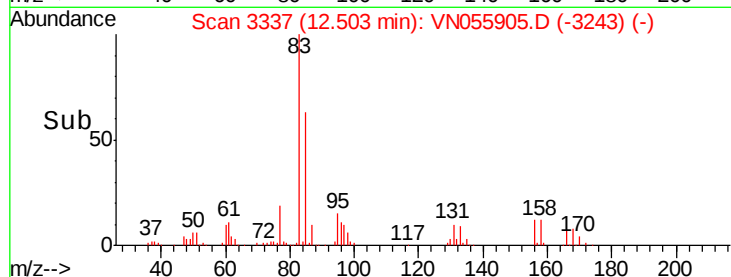
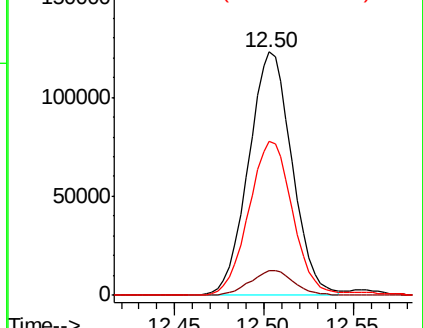
85 63.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 86.189 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055905.D

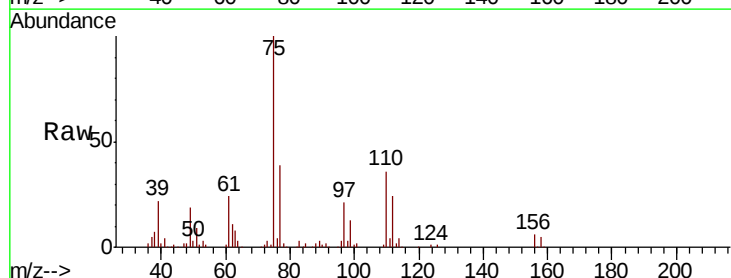
Acq: 30 May 2019 17:29

Tgt Ion: 75 Resp: 248912

Ion Ratio Lower Upper

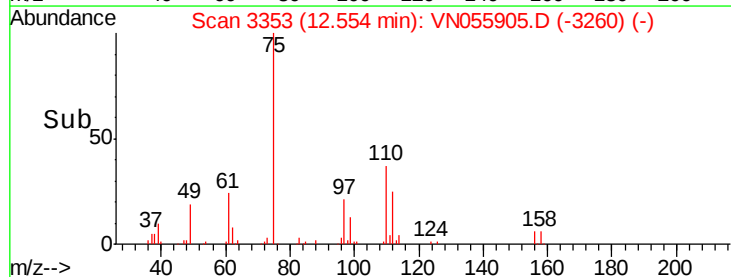
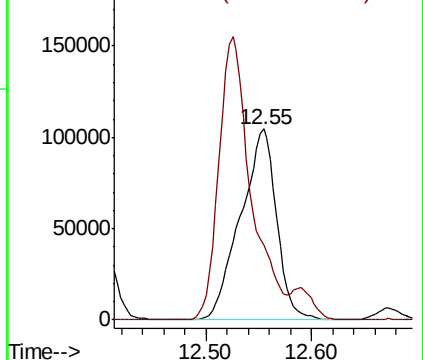
75 100

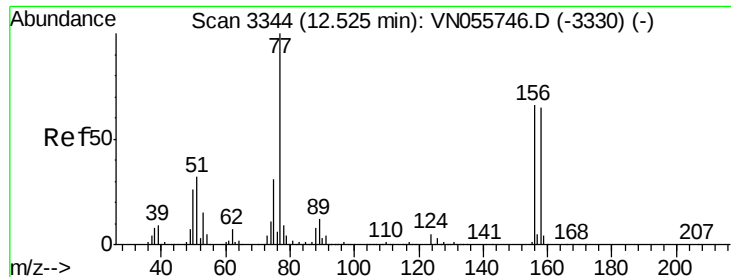
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.121 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

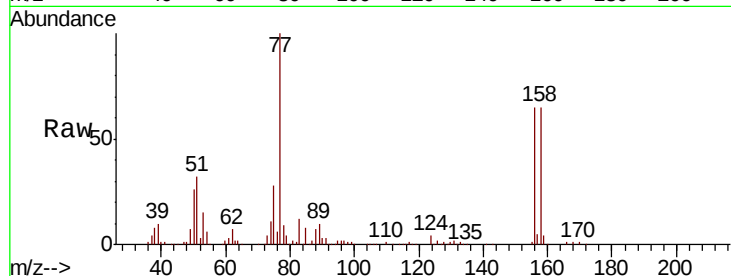
Tot Ion:156 Resp: 176902

Ion Ratio Lower Upper

156 100

77 185.8 90.8 272.5

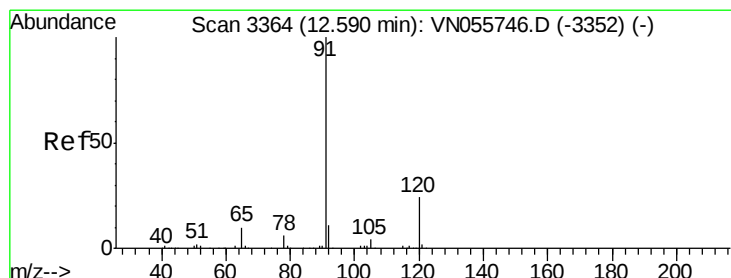
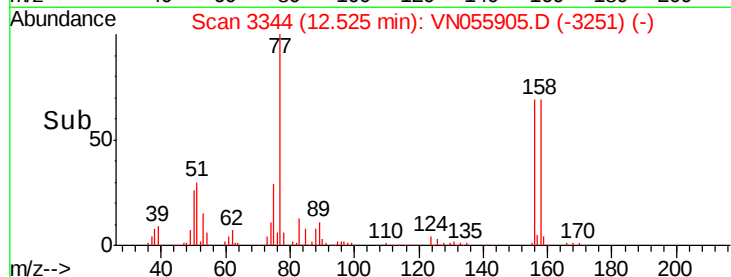
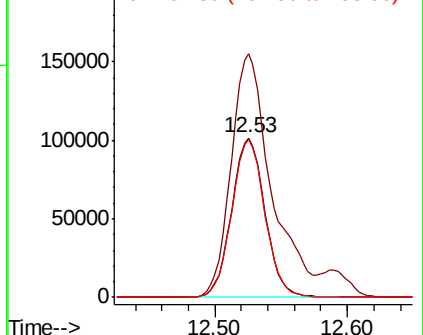
158 98.5 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.937 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055905.D

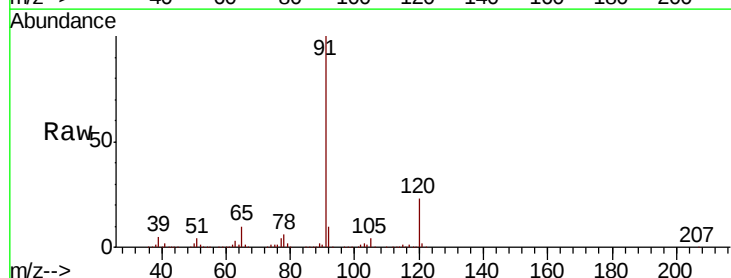
Acq: 30 May 2019 17:29

Tgt Ion: 91 Resp: 732751

Ion Ratio Lower Upper

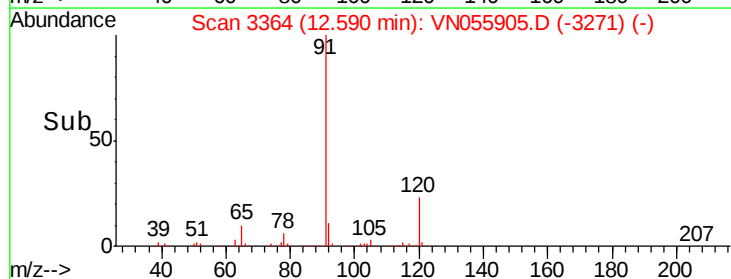
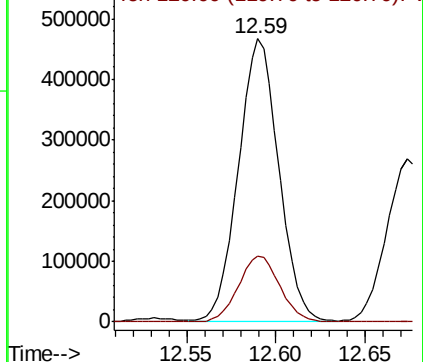
91 100

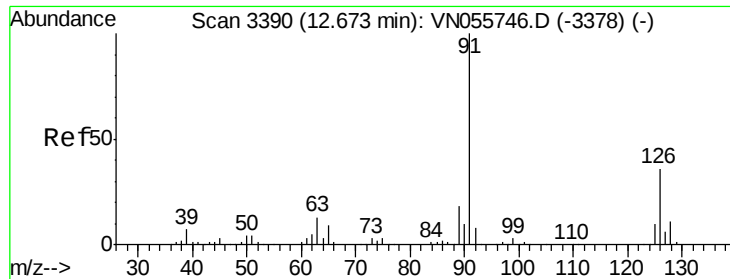
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

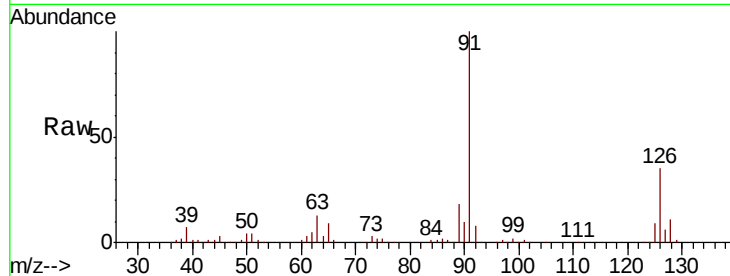




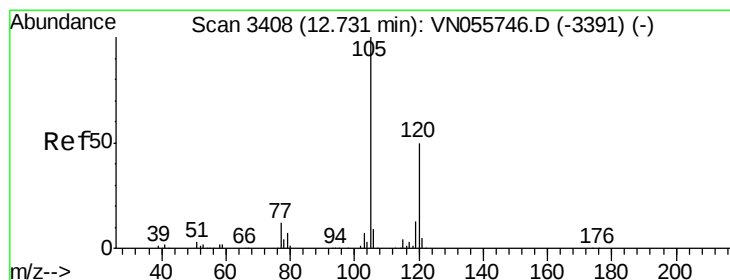
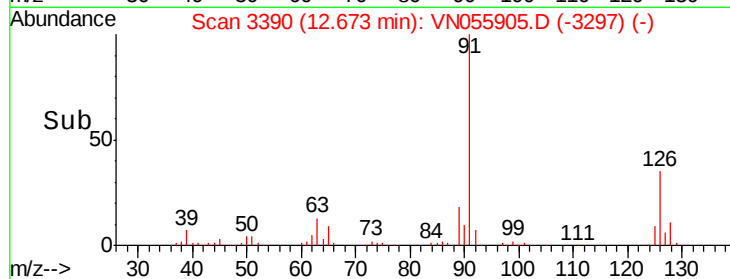
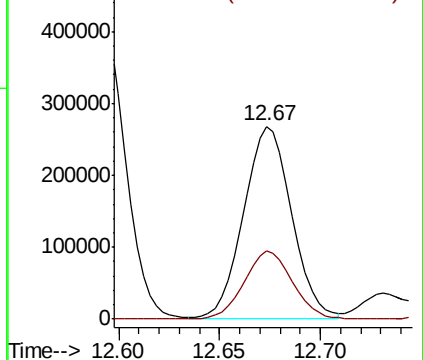
#79
 2-Chlorotoluene
 Concen: 55.212 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 443152
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.1 54.4

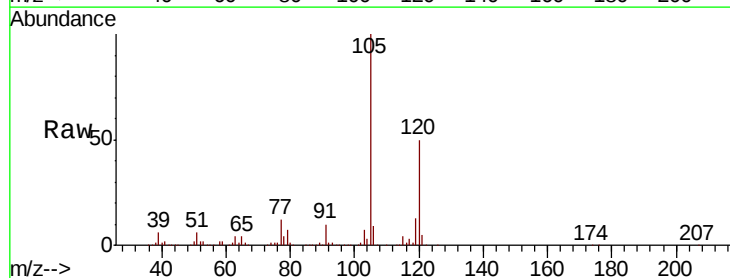


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

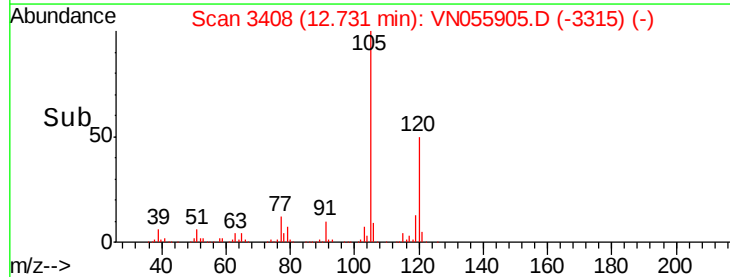
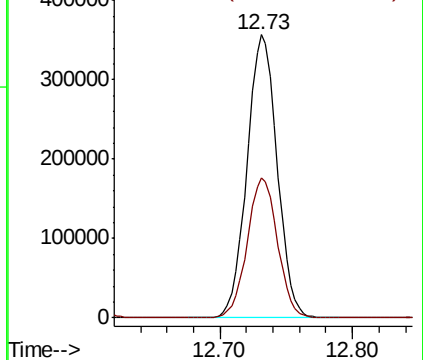


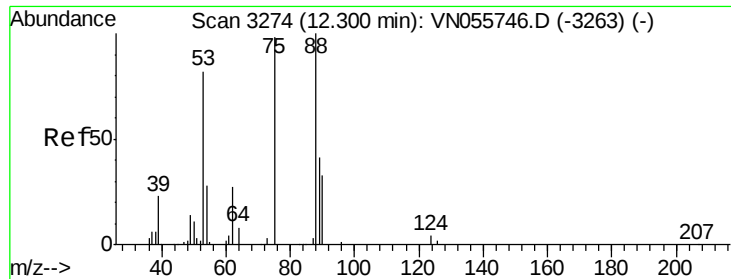
#80
 1,3,5-Trimethylbenzene
 Concen: 54.645 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion: 105 Resp: 561220
 Ion Ratio Lower Upper
 105 100
 120 49.8 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: 45.148 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

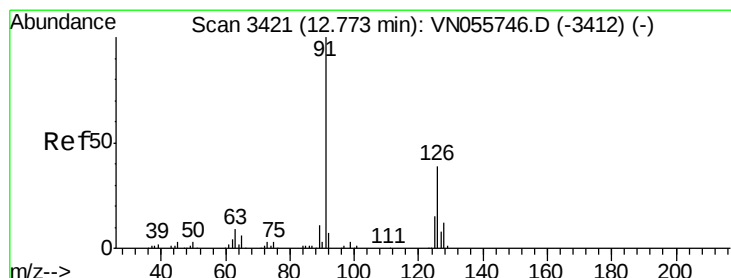
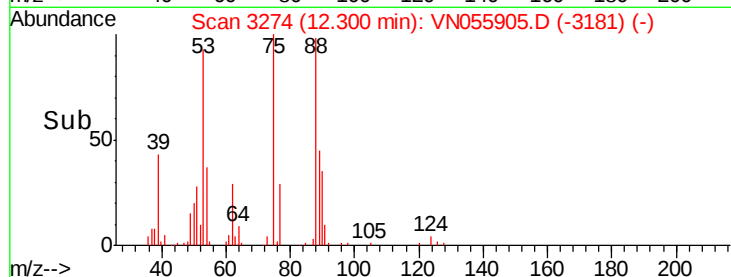
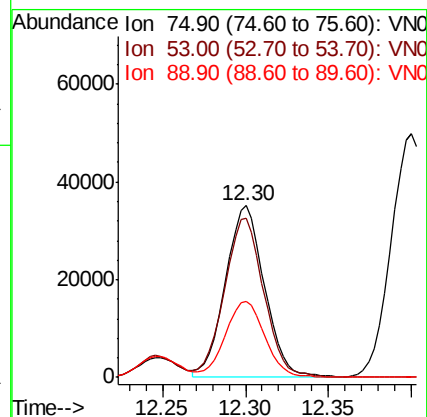
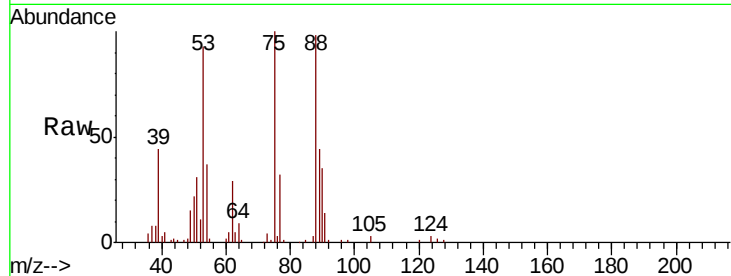
Tot Ion: 75 Resp: 57808

Ion Ratio Lower Upper

75 100

53 93.3 68.1 102.1

89 45.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 48.840 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055905.D

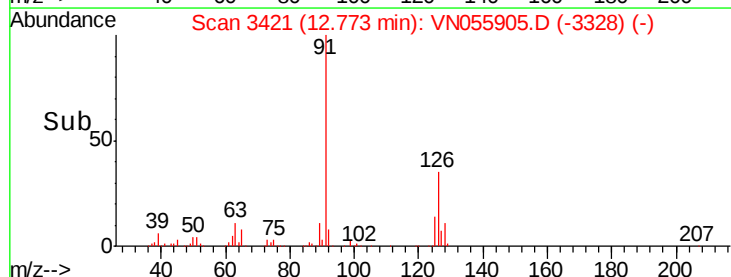
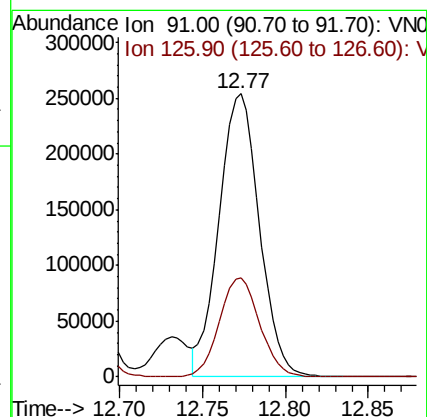
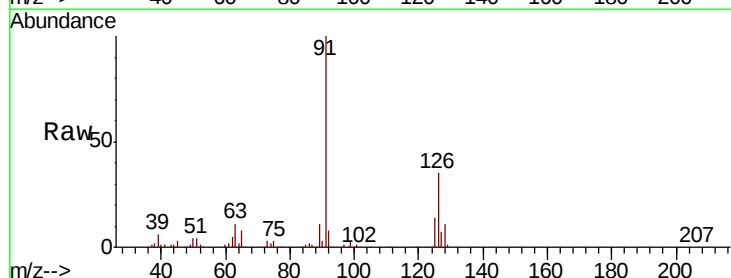
Acq: 30 May 2019 17:29

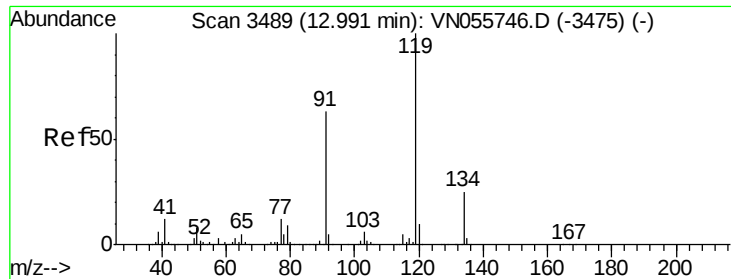
Tgt Ion: 91 Resp: 429869

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.3

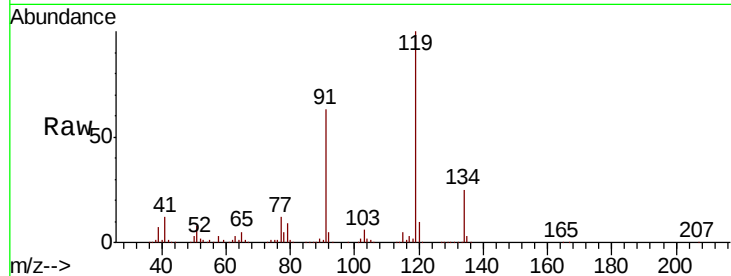




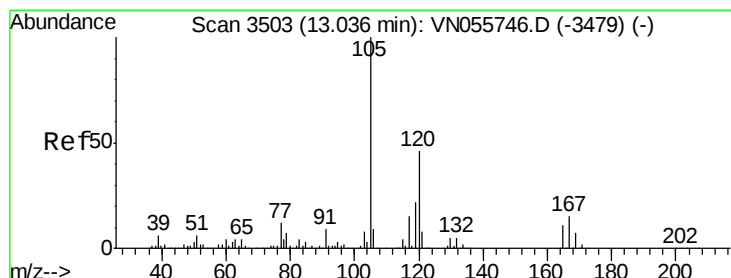
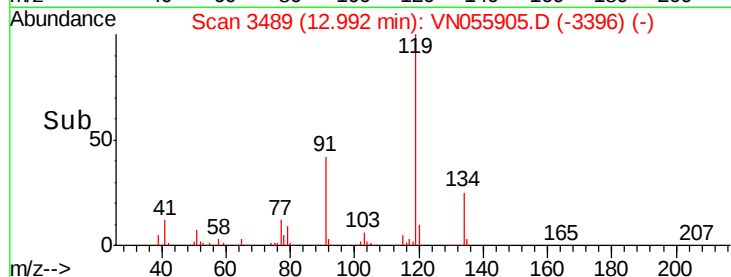
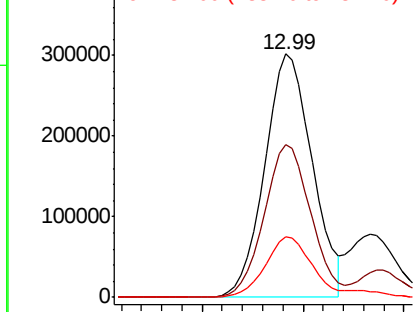
#83
tert-Butylbenzene
Concen: 55.730 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 493823
Ion Ratio Lower Upper
119 100
91 61.7 30.9 92.8
134 26.3 13.3 39.8

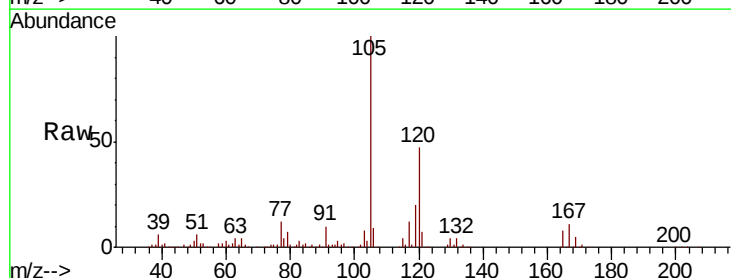


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

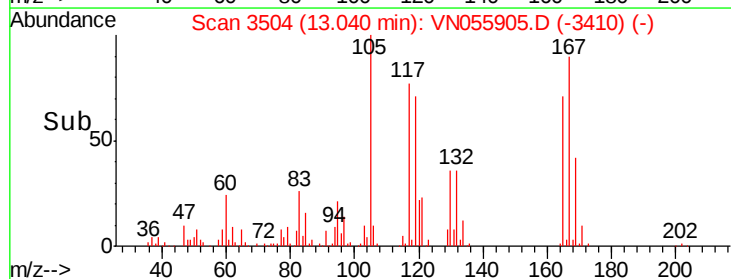
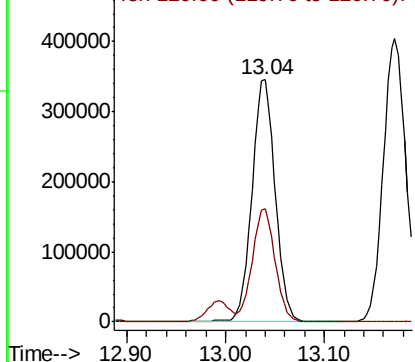


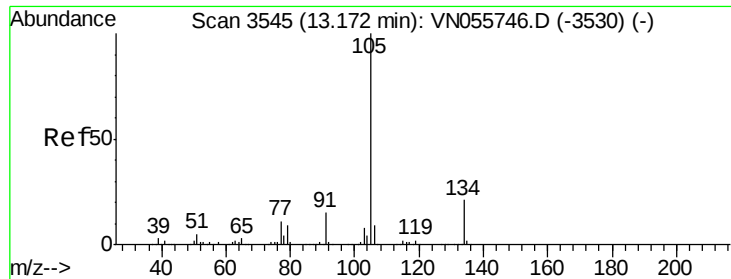
#84
1,2,4-Trimethylbenzene
Concen: 54.345 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion:105 Resp: 557564
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0



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

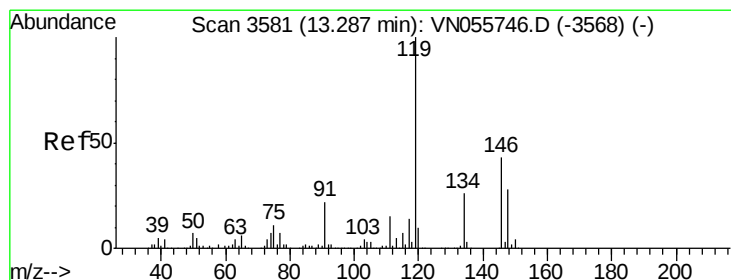
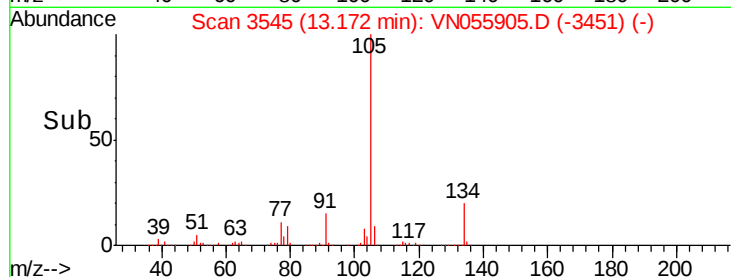
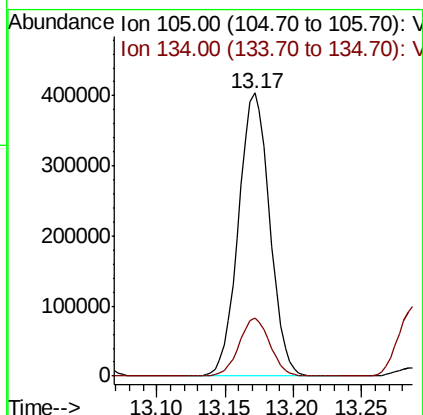
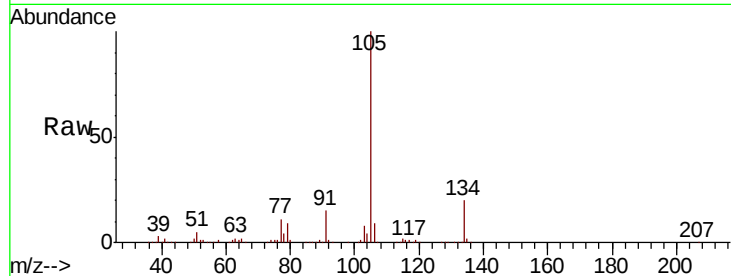




#85
 sec-Butylbenzene
 Concen: 55.655 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

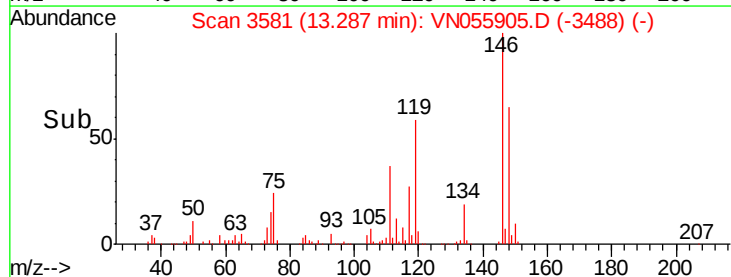
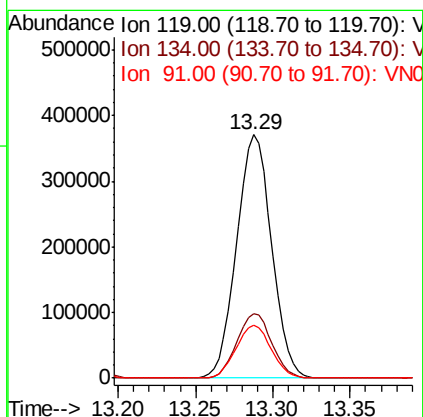
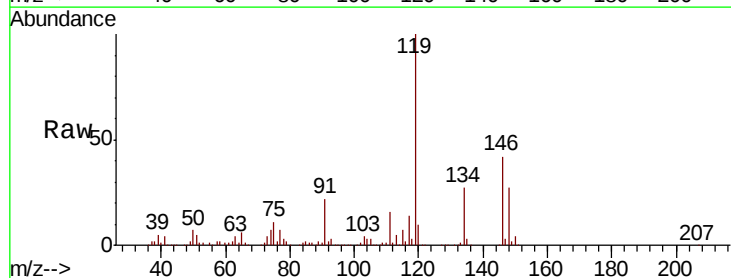
Instrument :
 MSVOA_N
 ClientSampleId :

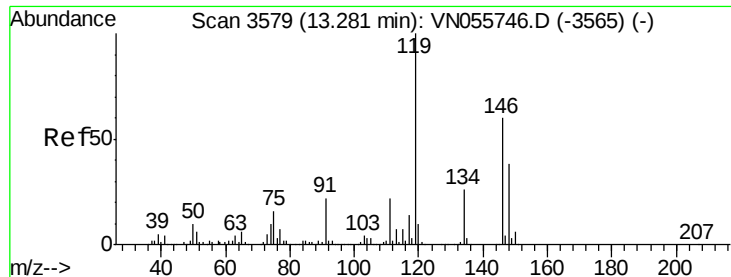
Tot Ion:105 Resp: 642345
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.568 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion:119 Resp: 581066
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 21.8 10.9 32.9

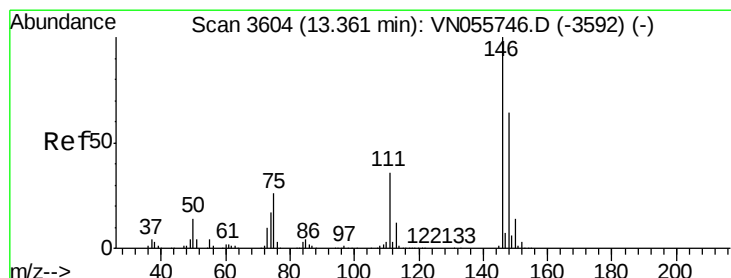
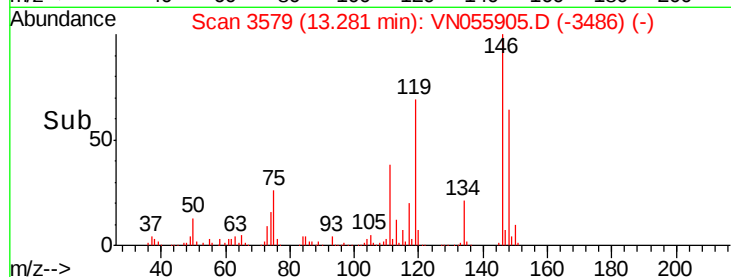
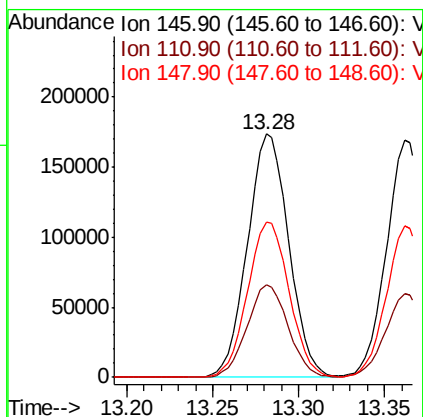
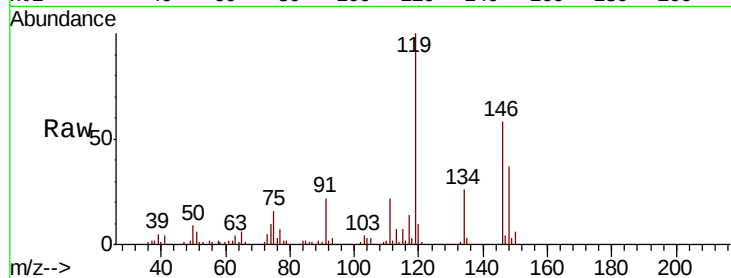




#87
 1,3-Dichlorobenzene
 Concen: 49.732 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

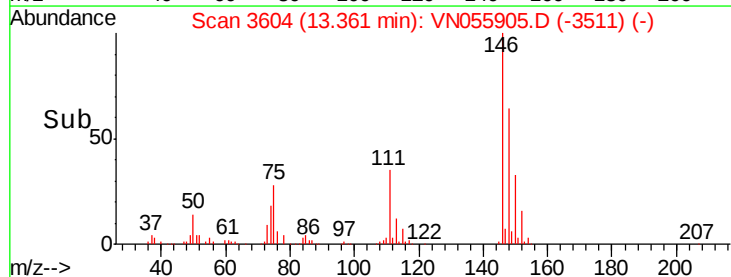
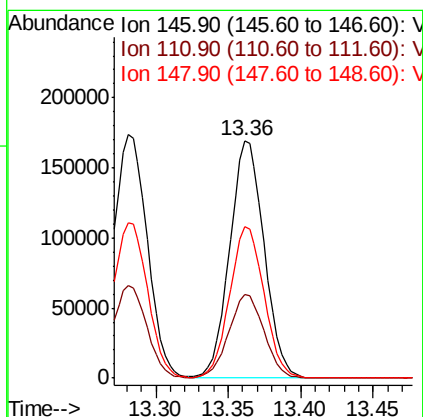
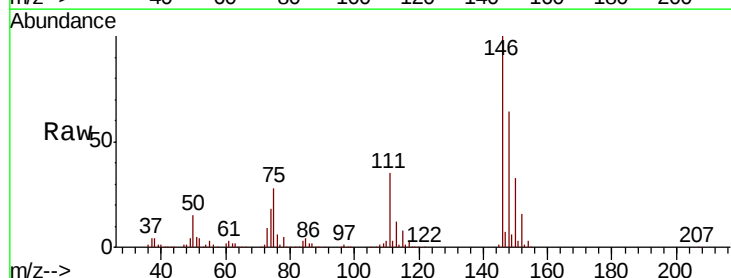
Instrument :
 MSVOA_N
 ClientSampled :

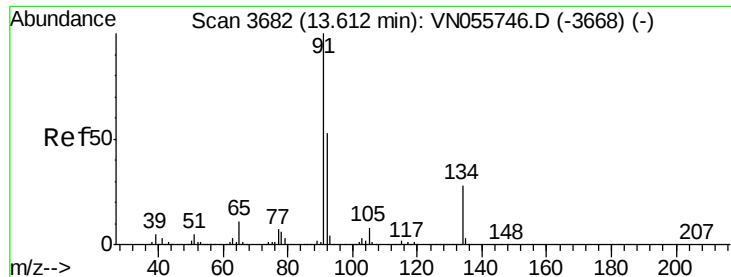
Tot Ion:146 Resp: 289492
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.480 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion:146 Resp: 279371
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.4
 148 63.6 32.1 96.5

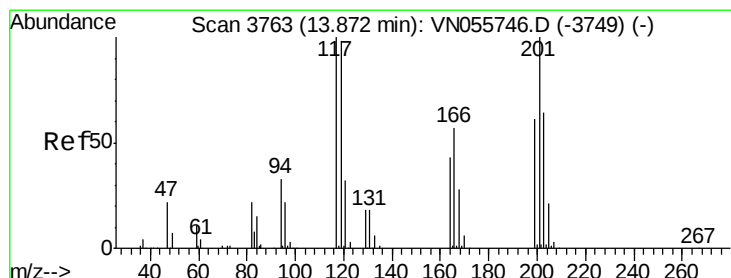
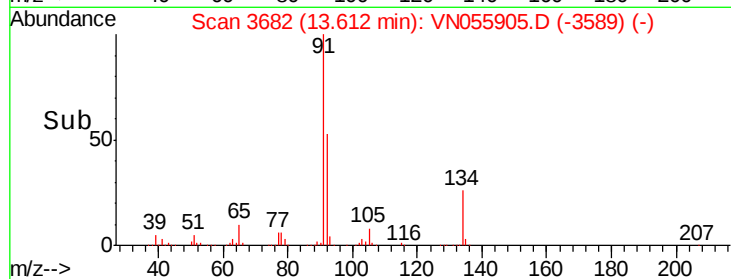
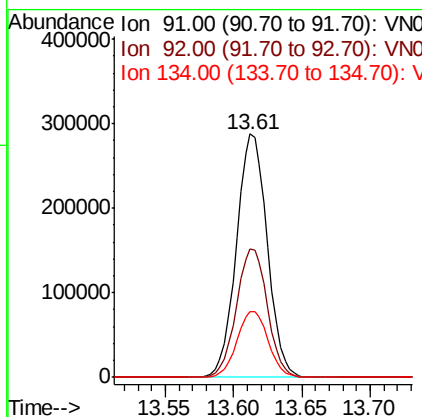
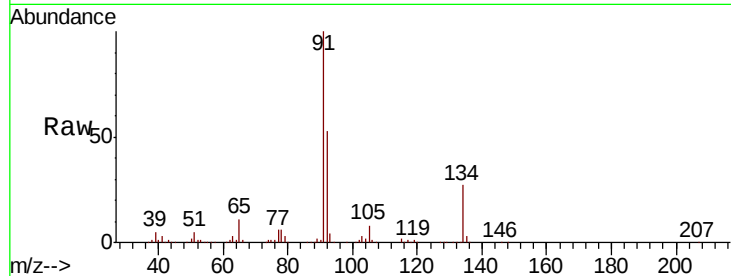




#89
n-Butylbenzene
Concen: 49.065 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

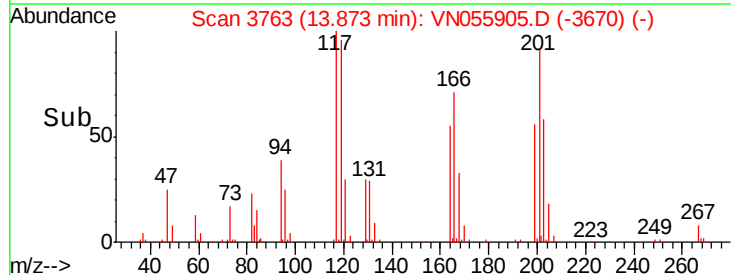
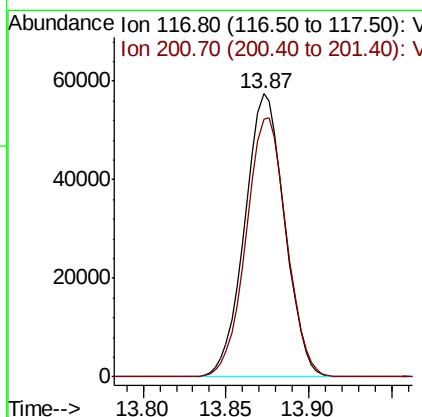
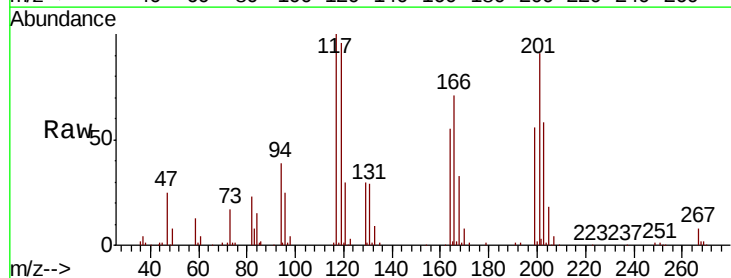
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 449773
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 27.6 13.9 41.7



#90
Hexachloroethane
Concen: 42.207 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055905.D
Acq: 30 May 2019 17:29

Tgt Ion: 117 Resp: 96115
Ion Ratio Lower Upper
117 100
201 92.7 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 50.792 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

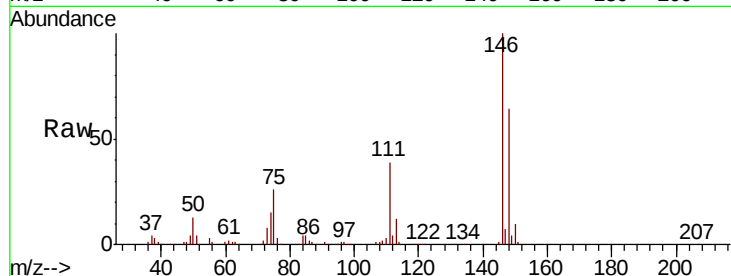
Tot Ion:146 Resp: 294980

Ion Ratio Lower Upper

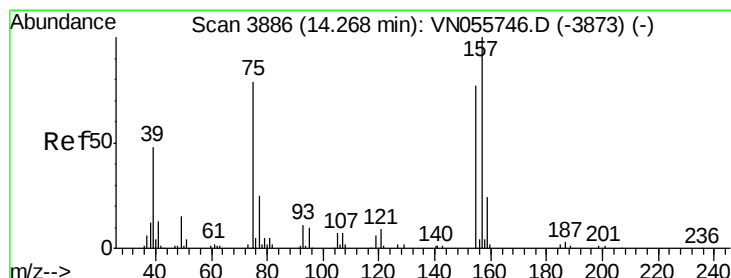
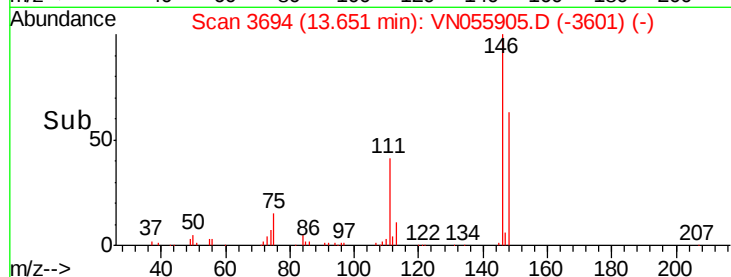
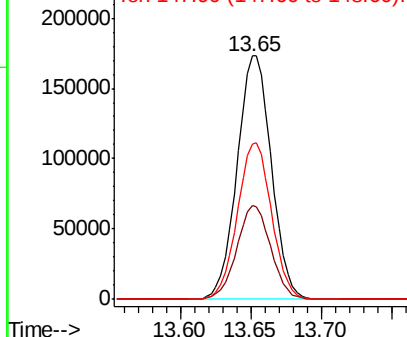
146 100

111 38.1 19.1 57.5

148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.294 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

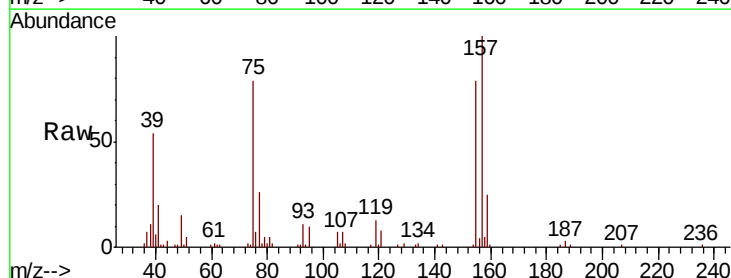
Tgt Ion: 75 Resp: 36865

Ion Ratio Lower Upper

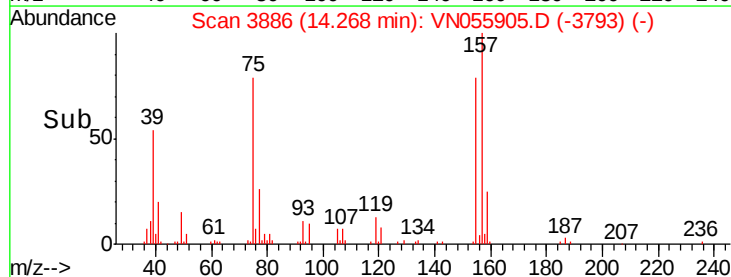
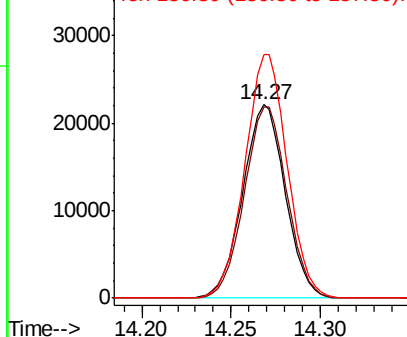
75 100

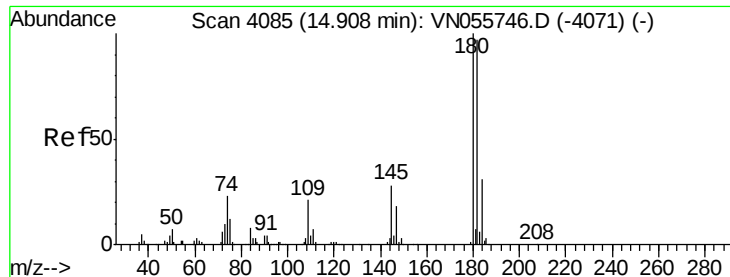
155 98.9 50.0 150.1

157 125.3 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

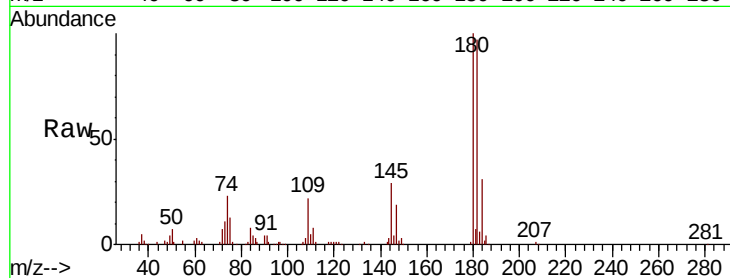




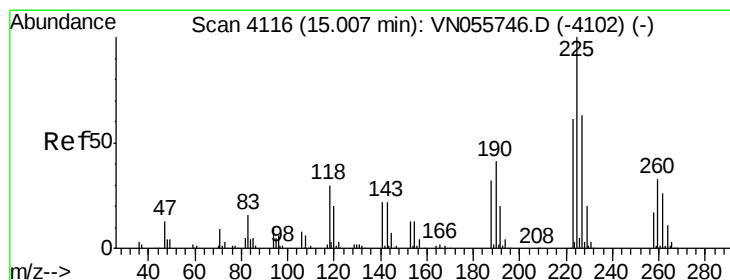
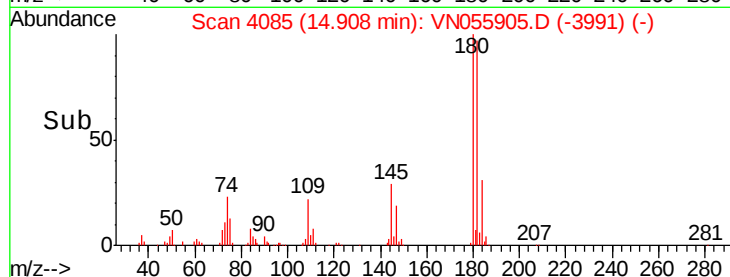
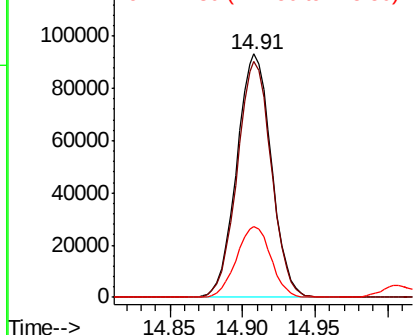
#93
 1,2,4-Trichlorobenzene
 Concen: 46.462 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 154320
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 28.8 14.0 41.9

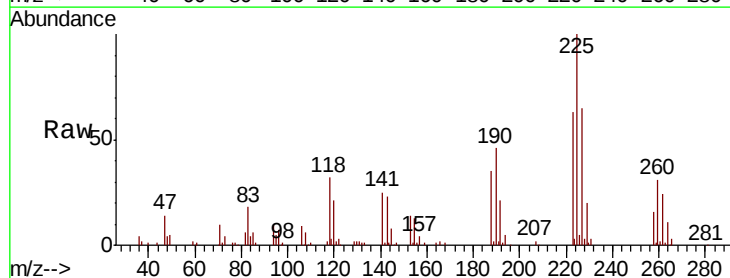


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

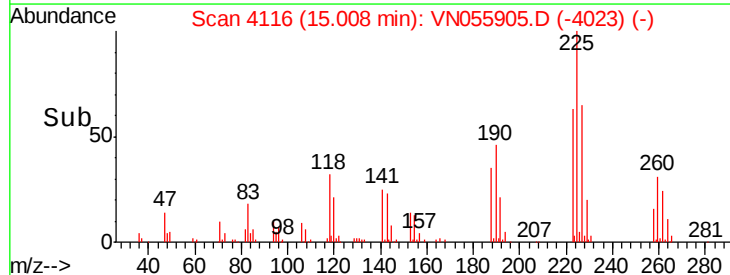
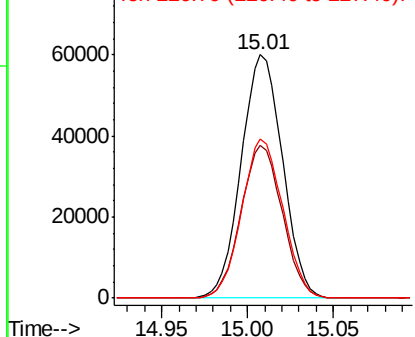


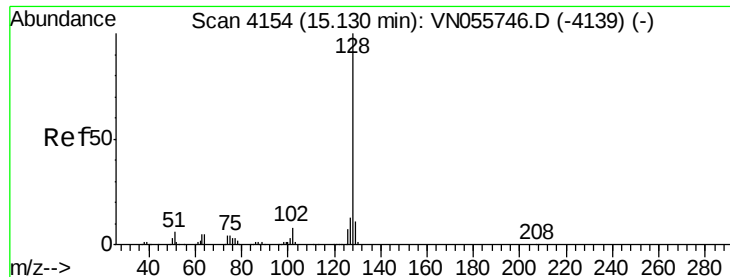
#94
 Hexachlorobutadiene
 Concen: 49.134 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055905.D
 Acq: 30 May 2019 17:29

Tgt Ion:225 Resp: 100488
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 64.9 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: 54.520 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

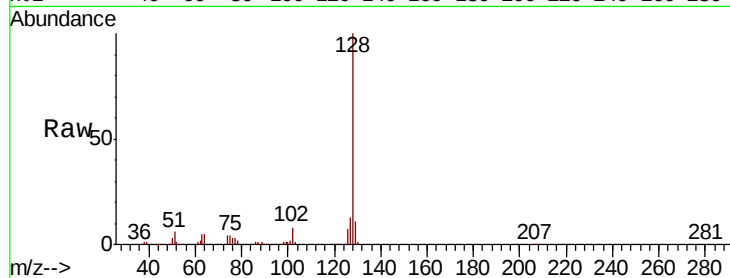
Tot Ion:128 Resp: 434491

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

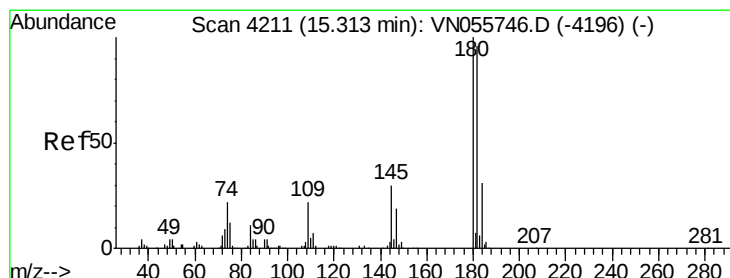
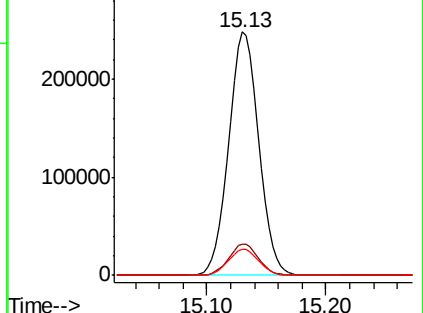
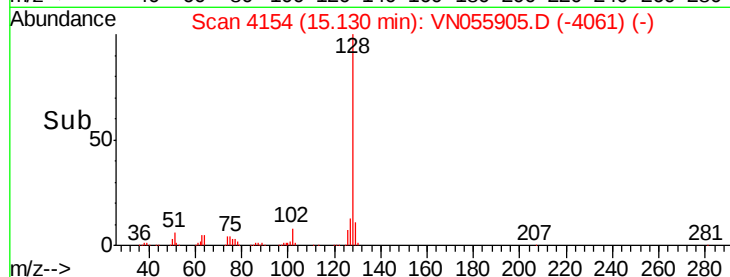
129 10.8 8.7 13.1



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: 53.671 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055905.D

Acq: 30 May 2019 17:29

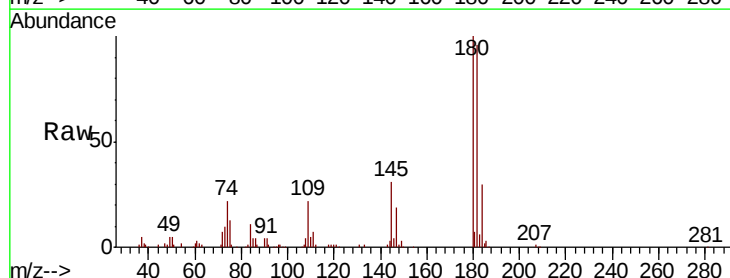
Tgt Ion:180 Resp: 164768

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.4 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

