

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056181.D
 Acq On : 10 Jun 2019 19:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 02:22:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	281333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	409519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	142017	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	128959	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.09	98	475898	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	162650	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	145997	47.257	ug/l	100
3) Chloromethane	2.06	50	150953	49.498	ug/l	99
4) Vinyl Chloride	2.18	62	153531	50.188	ug/l	99
5) Bromomethane	2.53	94	94787	49.051	ug/l	97
6) Chloroethane	2.68	64	86887	48.988	ug/l	100
7) Trichlorofluoromethane	3.00	101	195256	49.998	ug/l	99
8) Diethyl Ether	3.40	74	76956	47.918	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	120869	50.951	ug/l	99
10) Methyl Iodide	3.94	142	176326	46.772	ug/l	99
11) Tert butyl alcohol	4.81	59	119062	244.927	ug/l	99
12) 1,1-Dichloroethene	3.72	96	120171	50.882	ug/l	96
13) Acrolein	3.60	56	42003	299.597	ug/l	100
14) Allyl chloride	4.31	41	192325	51.571	ug/l	99
15) Acrylonitrile	4.99	53	345699	292.140	ug/l	100
16) Acetone	3.82	43	294230	220.233	ug/l	100
17) Carbon Disulfide	4.04	76	269565	47.670	ug/l	99
18) Methyl Acetate	4.33	43	157729	60.222	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	392621	52.154	ug/l	99
20) Methylene Chloride	4.54	84	142018	51.597	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	126462	49.975	ug/l	97
22) Diisopropyl ether	5.96	45	404529	52.474	ug/l	99
23) Vinyl Acetate	5.90	43	1663951	274.086	ug/l	100
24) 1,1-Dichloroethane	5.84	63	234245	52.676	ug/l	100
25) 2-Butanone	6.84	43	456412	270.388	ug/l	99
26) 2,2-Dichloropropane	6.82	77	153735	44.304	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	152591	51.299	ug/l	98
28) Bromochloromethane	7.19	49	111732	53.131	ug/l	98
29) Tetrahydrofuran	7.22	42	297966	285.569	ug/l	99
30) Chloroform	7.37	83	239808	53.607	ug/l	100
31) Cyclohexane	7.65	56	205970	46.468	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	197728	52.931	ug/l	99
36) 1,1-Dichloropropene	7.79	75	172331	48.940	ug/l	100
37) Ethyl Acetate	6.93	43	179248	57.211	ug/l	100
38) Carbon Tetrachloride	7.77	117	169351	52.165	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203678	46.433	ug/l	99
40) Benzene	8.04	78	547912	51.231	ug/l	100
41) Methacrylonitrile	7.17	41	76245	52.892	ug/l	88
42) 1,2-Dichloroethane	8.12	62	174857	50.828	ug/l	100
43) Isopropyl Acetate	8.17	43	275845	54.331	ug/l #	93
44) Trichloroethene	8.83	130	154911	50.407	ug/l	99
45) 1,2-Dichloropropane	9.12	63	144814	52.863	ug/l	99
46) Dibromomethane	9.21	93	96264	53.737	ug/l	99
47) Bromodichloromethane	9.40	83	180469	55.585	ug/l	100
48) Methyl methacrylate	9.20	41	137553	55.379	ug/l	96
49) 1,4-Dioxane	9.21	88	58232	1085.942	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	898080	282.864	ug/l	100
52) Toluene	10.16	92	342654	51.488	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	179538	47.302	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211093	54.090	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	138290	52.459	ug/l	98
56) Ethyl methacrylate	10.43	69	207649	53.992	ug/l	99
57) 1,3-Dichloropropane	10.71	76	229604	53.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	365509	240.316	ug/l	99
59) 2-Hexanone	10.75	43	625718	271.917	ug/l	99
60) Dibromochloromethane	10.90	129	151644	52.051	ug/l	100
61) 1,2-Dibromoethane	11.01	107	147429	54.705	ug/l	98
64) Tetrachloroethene	10.63	164	154928	48.633	ug/l	100
65) Chlorobenzene	11.43	112	369689	50.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138296	54.683	ug/l	98
67) Ethyl Benzene	11.51	91	640810	50.315	ug/l	99
68) m/p-Xylenes	11.62	106	492106	101.146	ug/l	99
69) o-Xylene	11.95	106	240390	50.230	ug/l	100
70) Styrene	11.96	104	406973	53.521	ug/l	99
71) Bromoform	12.13	173	109805	51.621	ug/l #	100
73) Isopropylbenzene	12.25	105	629996	53.439	ug/l	99
74) N-amyl acetate	12.07	43	226413	51.195	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	197159	51.191	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	227659	74.574	ug/l #	100
77) Bromobenzene	12.53	156	173263	48.778	ug/l	96
78) n-propylbenzene	12.59	91	675489	48.126	ug/l	99
79) 2-Chlorotoluene	12.67	91	413291	53.237	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	519345	46.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47296	51.594	ug/l	89
82) 4-Chlorotoluene	12.77	91	400231	48.740	ug/l	100
83) tert-Butylbenzene	12.99	119	458299	53.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	514816	48.667	ug/l	100
85) sec-Butylbenzene	13.17	105	591518	47.588	ug/l	100
86) p-Isopropyltoluene	13.29	119	533021	47.915	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	275962	50.197	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	263249	49.779	ug/l	100
89) n-Butylbenzene	13.61	91	396310	48.092	ug/l	99
90) Hexachloroethane	13.87	117	87431	52.115	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	275037	49.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32512	59.019	ug/l	98

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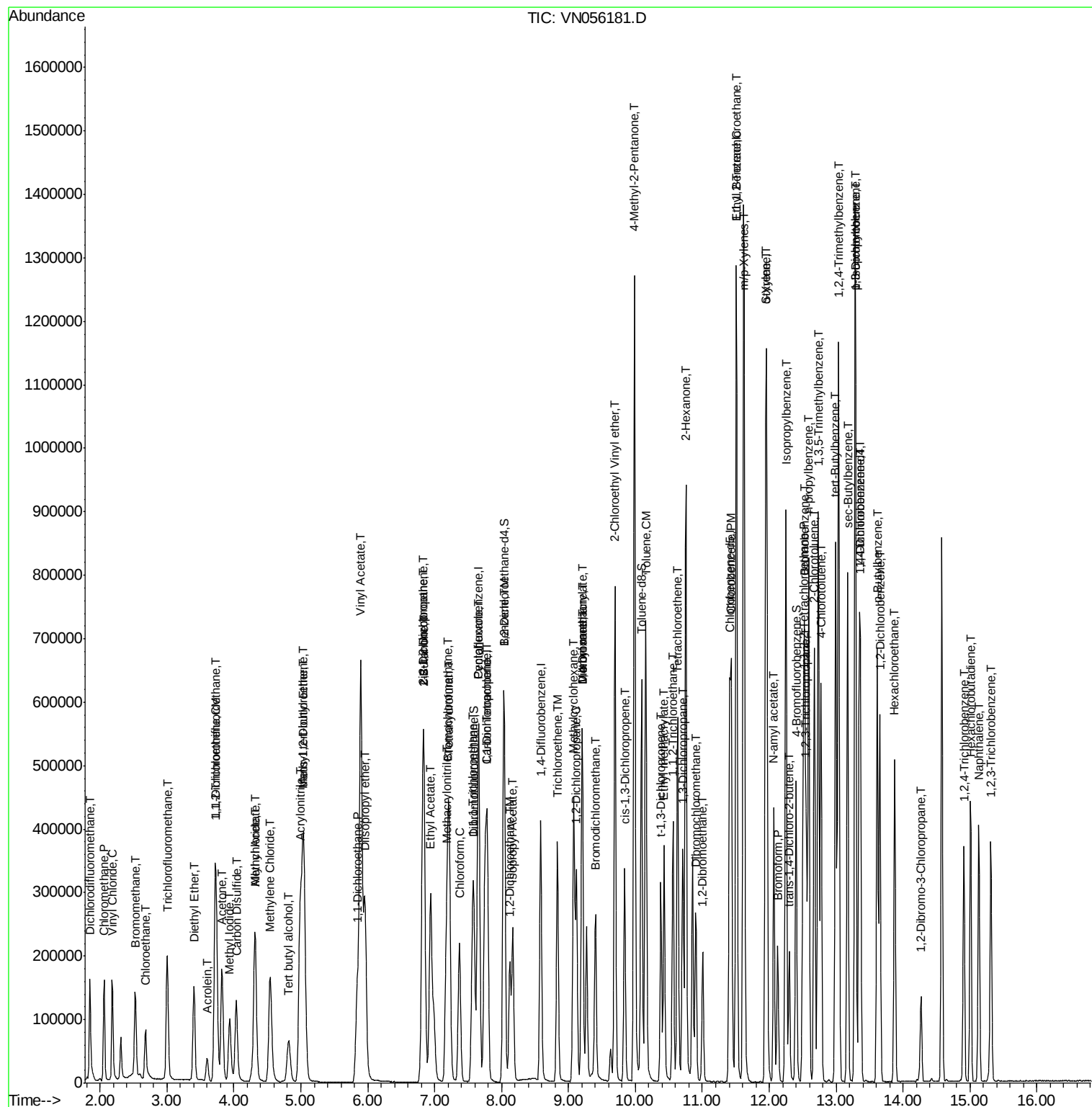
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132861	43.999	ug/l	99
94) Hexachlorobutadiene	15.01	225	100309	52.810	ug/l	99
95) Naphthalene	15.13	128	365447	46.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148969	47.925	ug/l	99

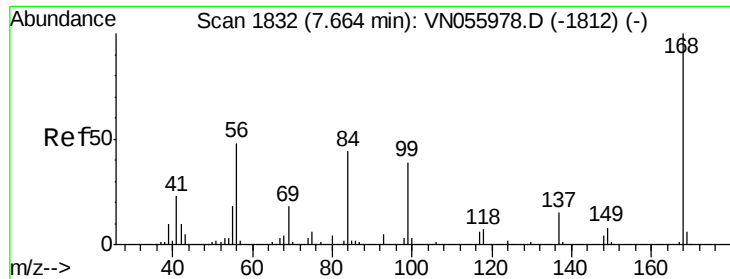
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

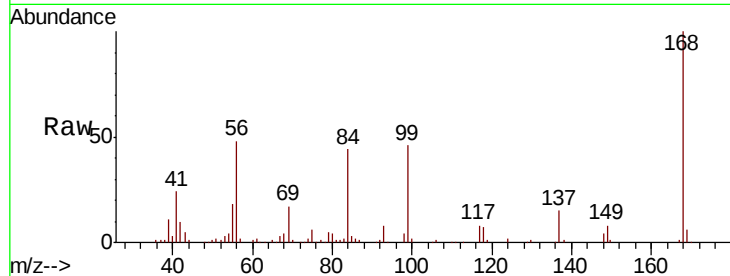
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 281333

Ion Ratio Lower Upper

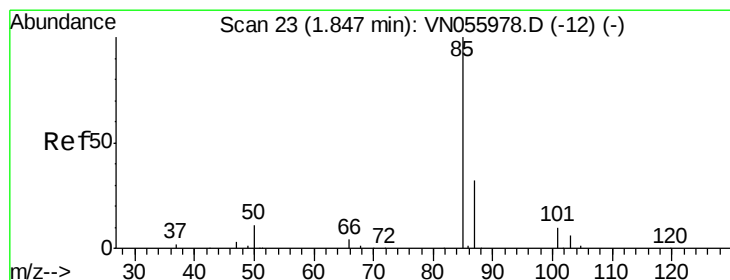
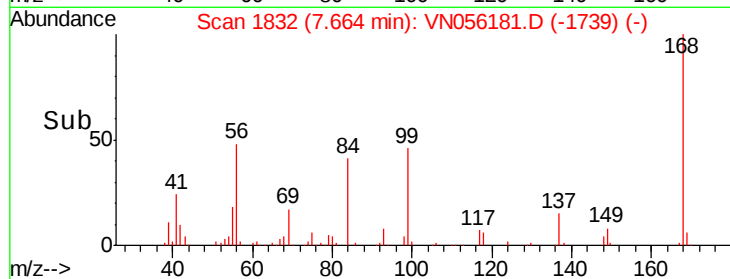
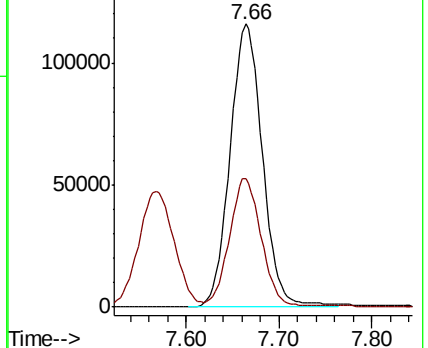
168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 47.257 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056181.D

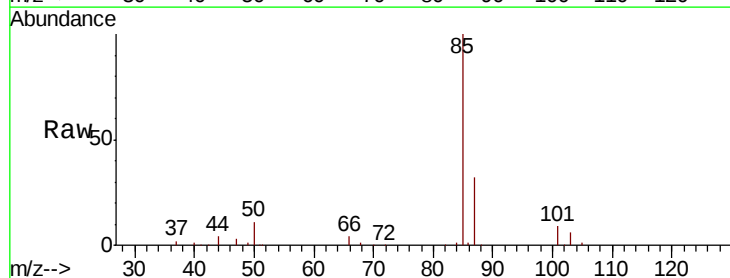
Acq: 10 Jun 2019 19:59

Tgt Ion: 85 Resp: 145997

Ion Ratio Lower Upper

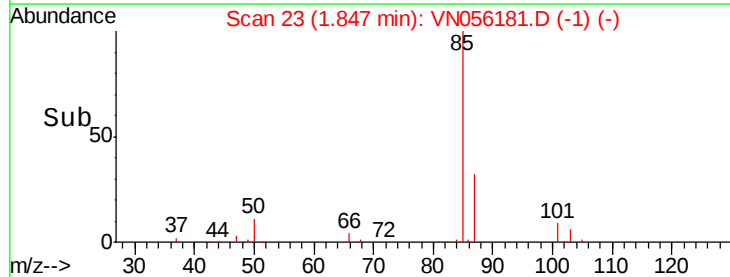
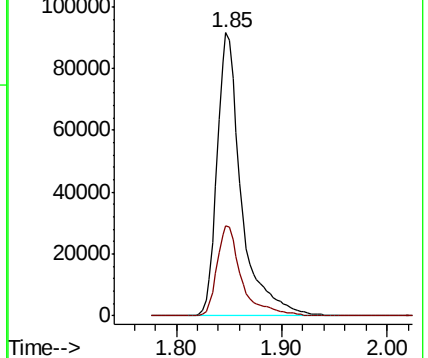
85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

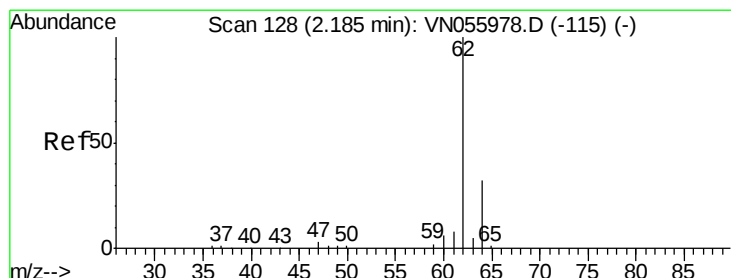
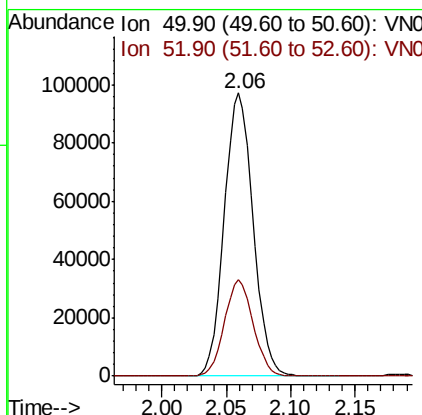
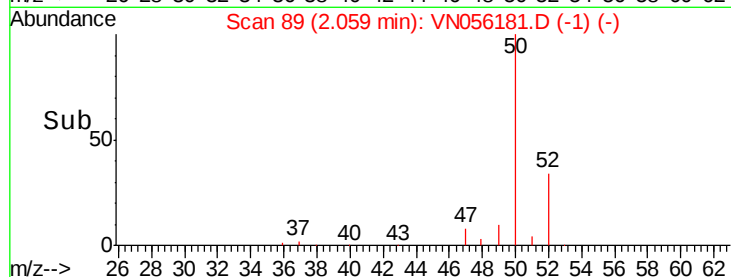
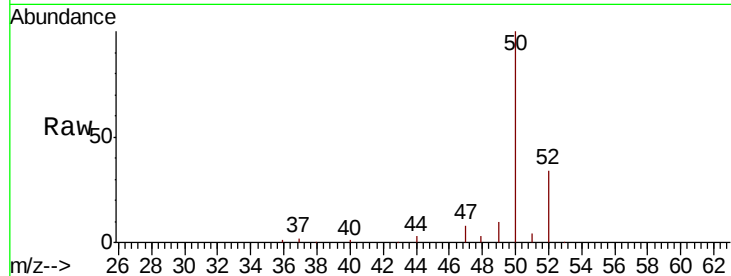




#3
 Chloromethane
 Concen: 49.498 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

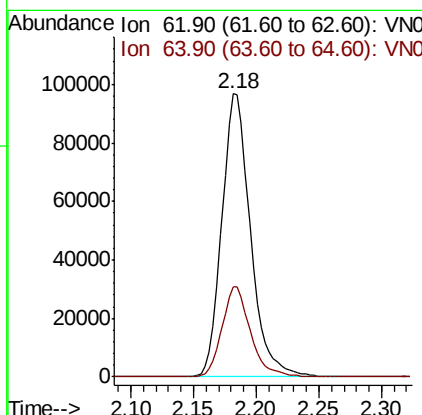
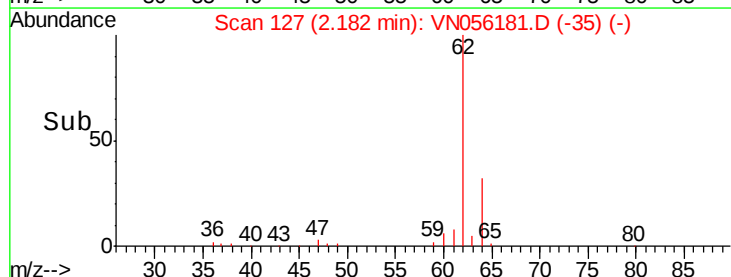
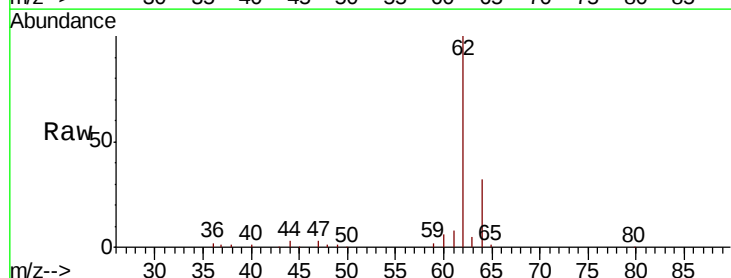
Instrument :
 MSVOA_N
 ClientSampled :

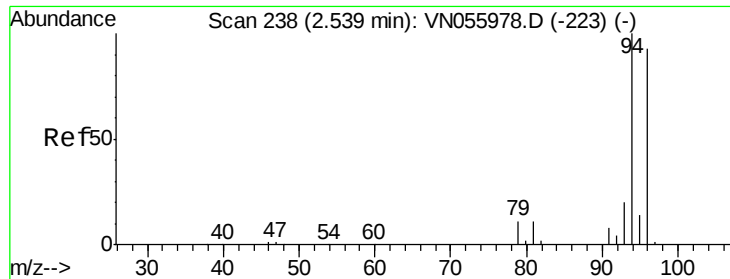
Tot Ion: 50 Resp: 150953
 Ion Ratio Lower Upper
 50 100
 52 34.0 26.6 40.0



#4
 Vinyl Chloride
 Concen: 50.188 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 62 Resp: 153531
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.6 38.4

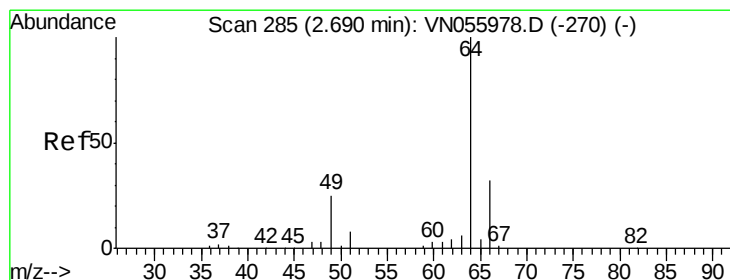
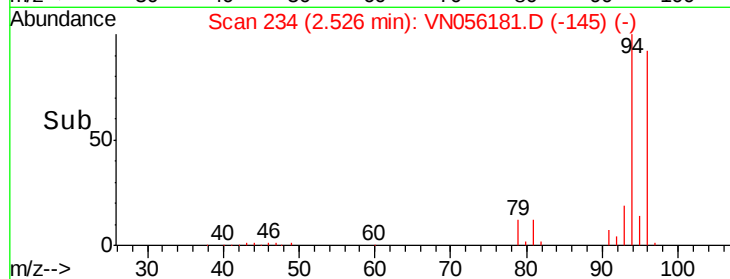
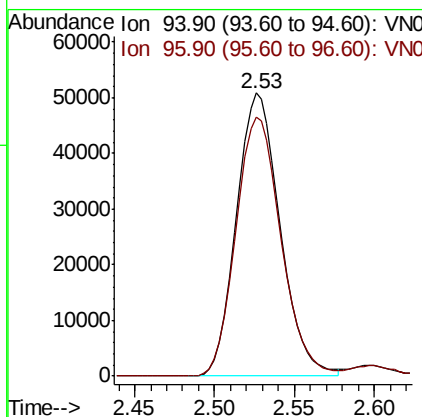
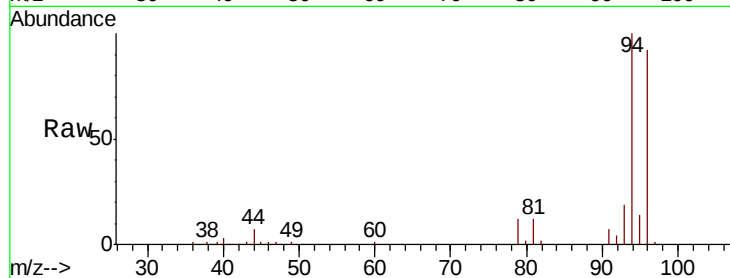




#5
Bromomethane
Concen: 49.051 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

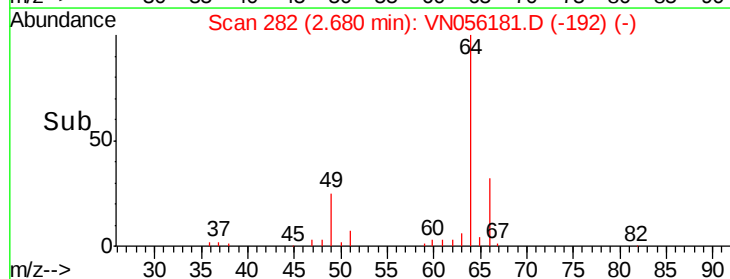
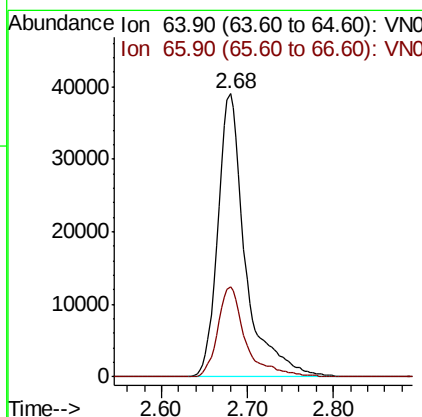
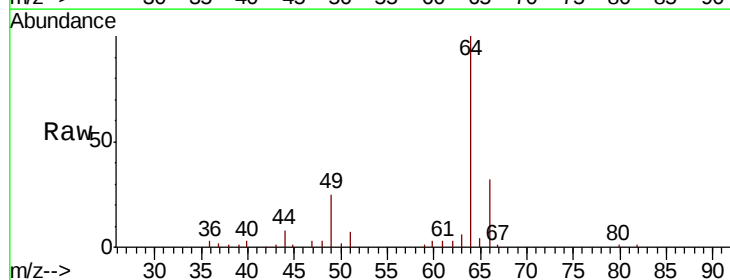
Instrument :
MSVOA_N
ClientSampled :

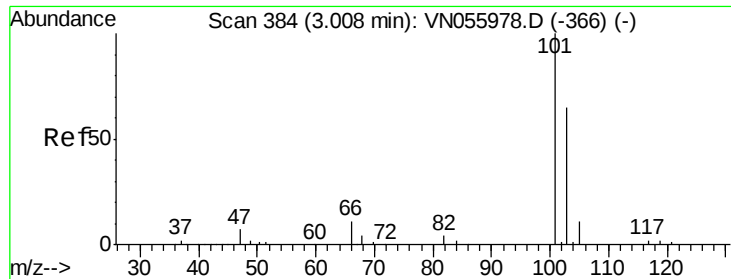
Tot Ion: 94 Resp: 94787
Ion Ratio Lower Upper
94 100
96 91.7 75.5 113.3



#6
Chloroethane
Concen: 48.988 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 64 Resp: 86887
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0



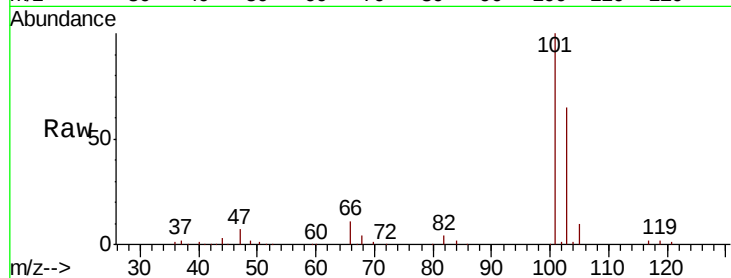


#7

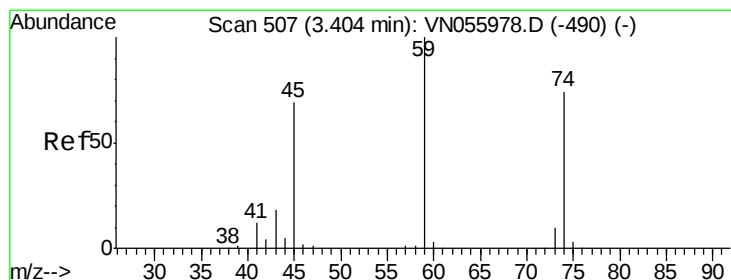
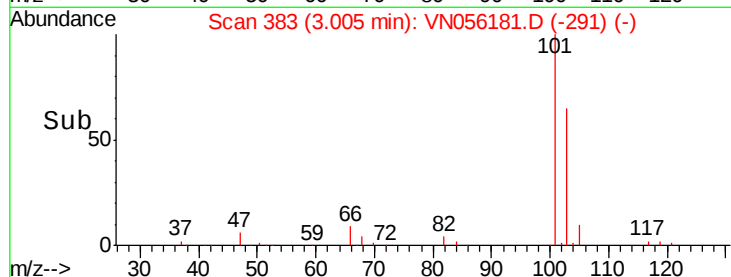
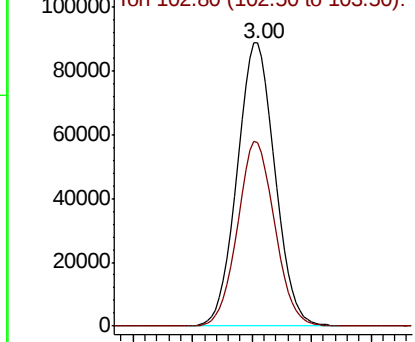
Trichlorofluoromethane
Concen: 49.998 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 195256
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8



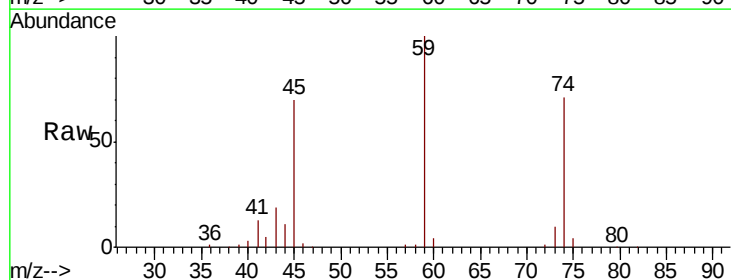
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



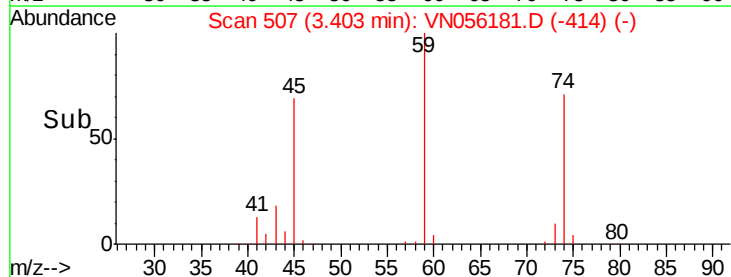
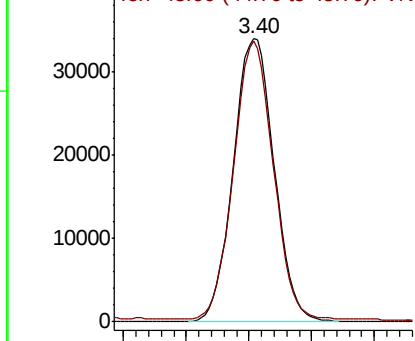
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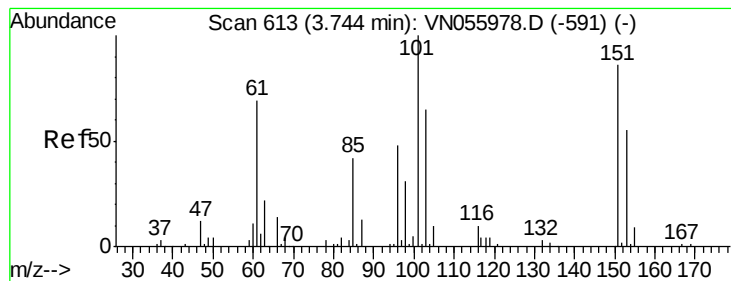
Diethyl Ether
Concen: 47.918 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
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Tgt Ion: 74 Resp: 76956
Ion Ratio Lower Upper
74 100
45 94.6 48.6 145.9



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: 50.951 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

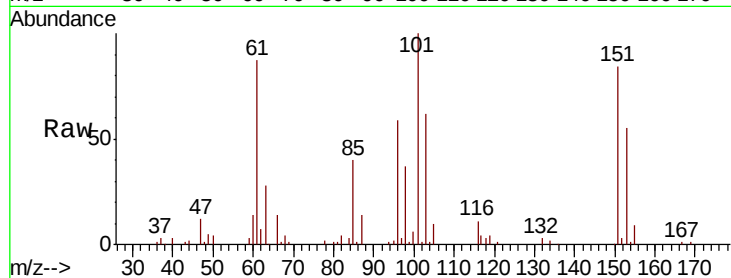
Tot Ion:101 Resp: 120869

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

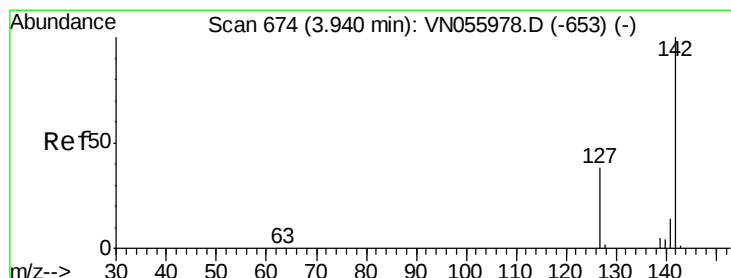
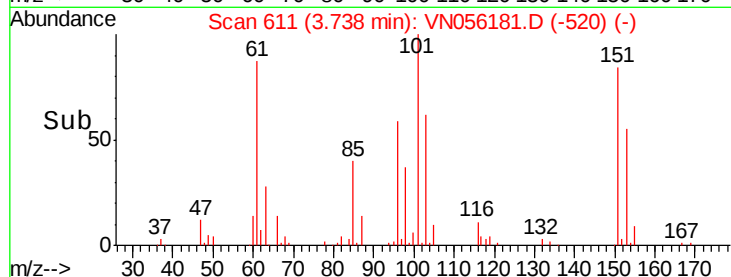
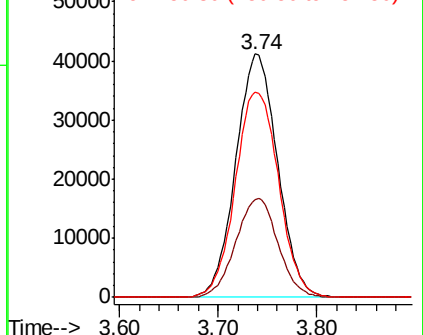
151 87.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.772 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

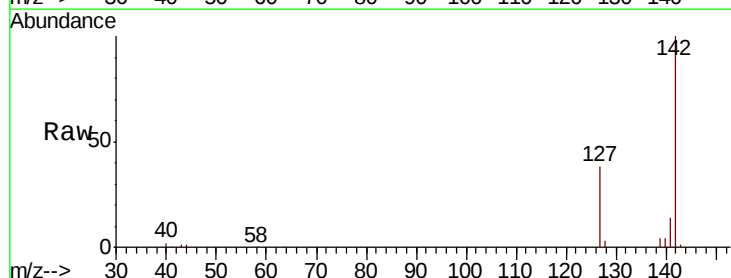
Tgt Ion:142 Resp: 176326

Ion Ratio Lower Upper

142 100

127 38.4 31.0 46.4

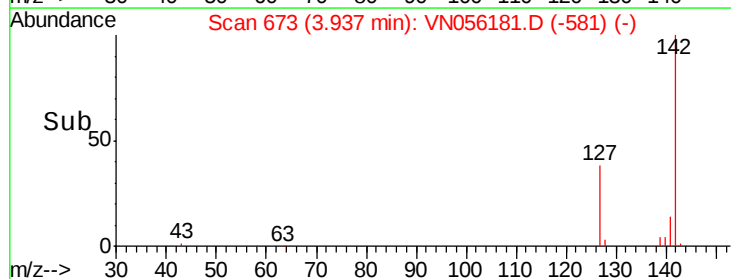
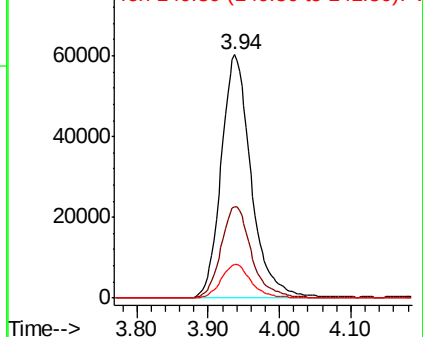
141 14.0 11.4 17.0

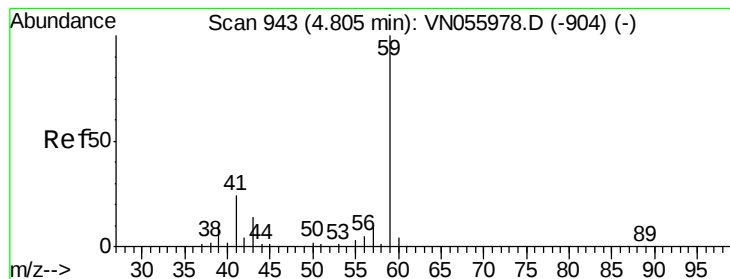


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



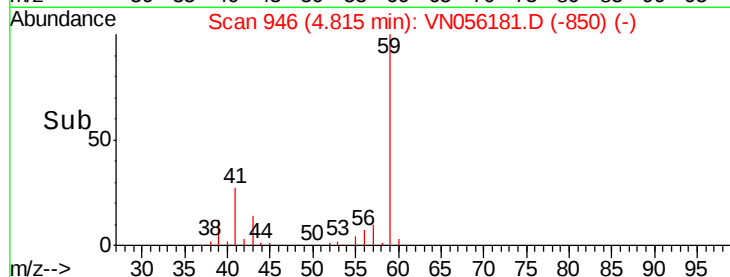
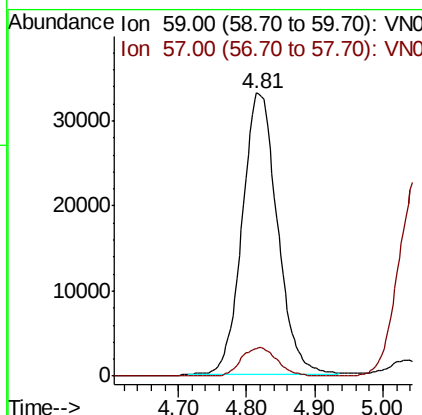
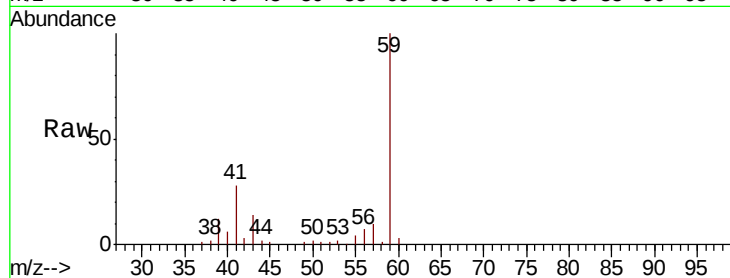


#11

Tert butyl alcohol
Concen: 244.927 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

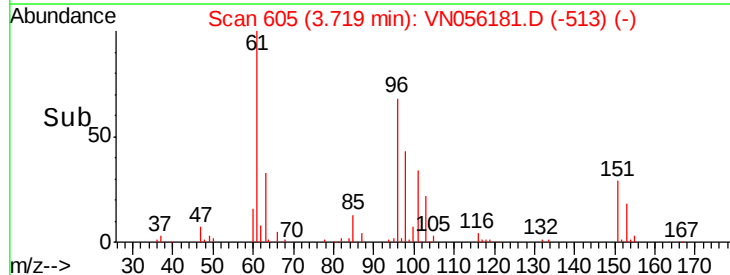
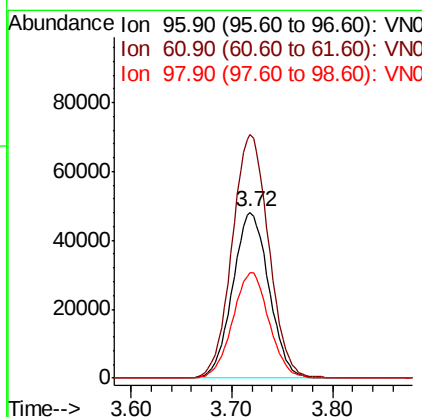
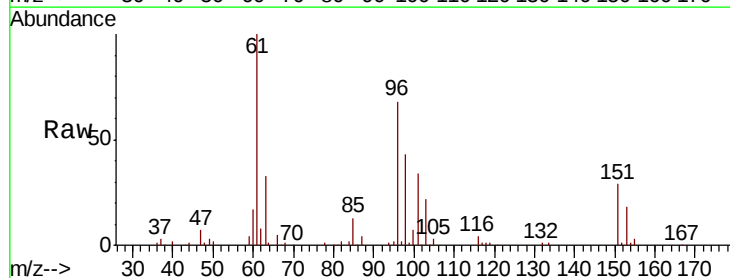
Tot Ion: 59 Resp: 119062
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

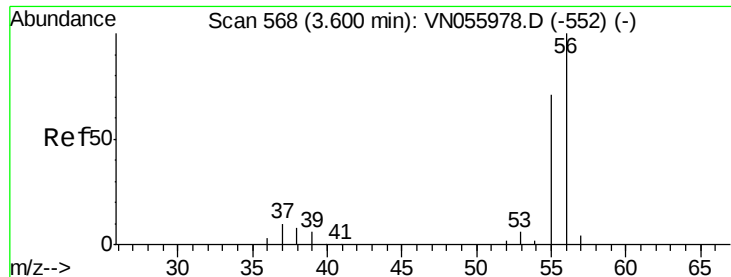


#12

1,1-Dichloroethene
Concen: 50.882 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 96 Resp: 120171
Ion Ratio Lower Upper
96 100
61 146.7 123.2 184.8
98 63.4 50.4 75.6





#13

Acrolein

Concen: 299.597 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

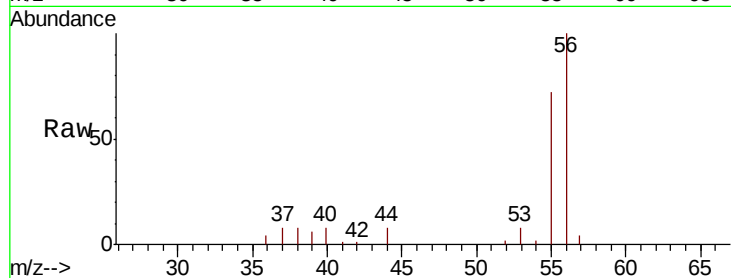
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 42003

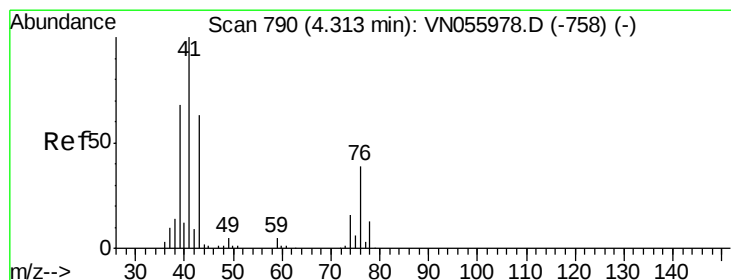
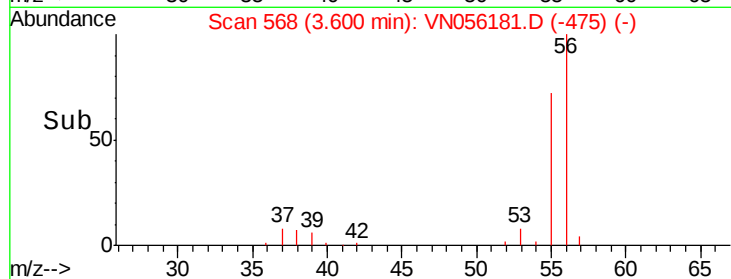
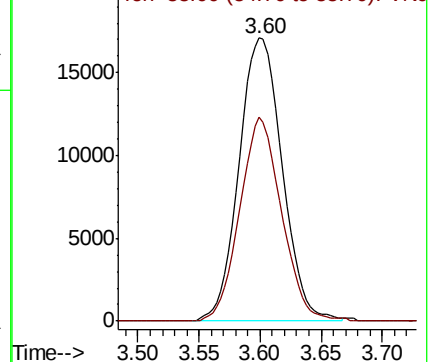
Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.571 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

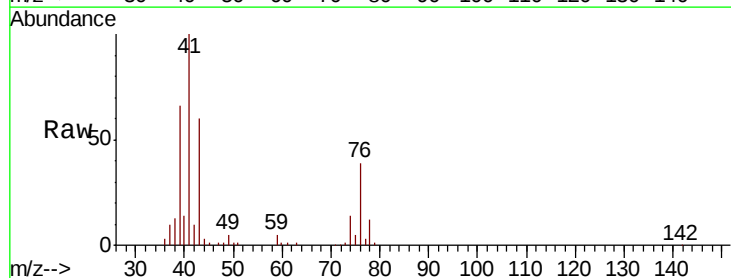
Tgt Ion: 41 Resp: 192325

Ion Ratio Lower Upper

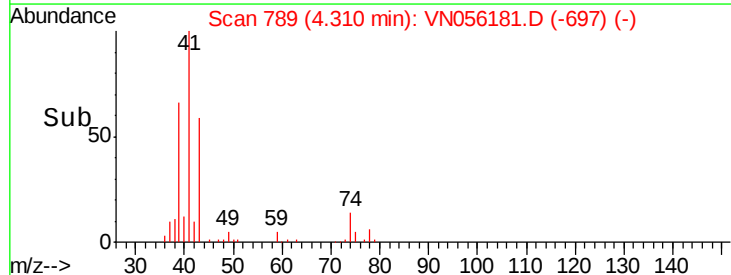
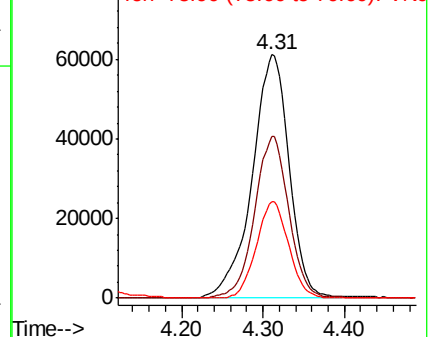
41 100

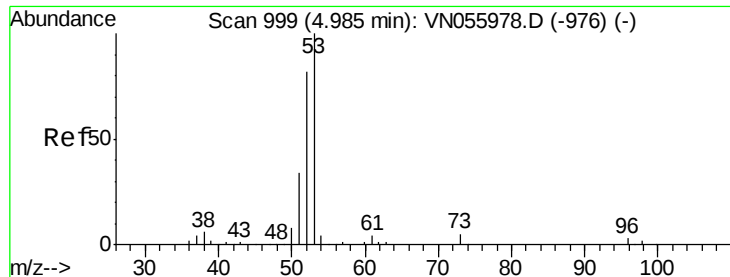
39 61.5 50.0 75.0

76 34.4 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 292.140 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

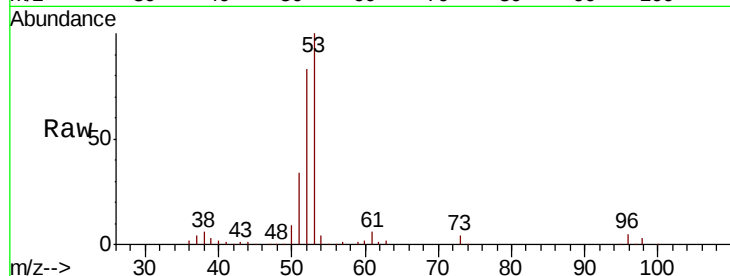
Tot Ion: 53 Resp: 345699

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.8

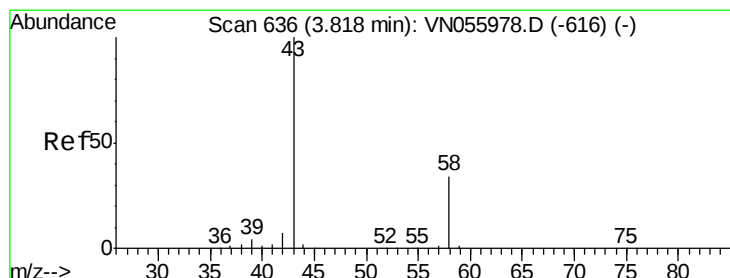
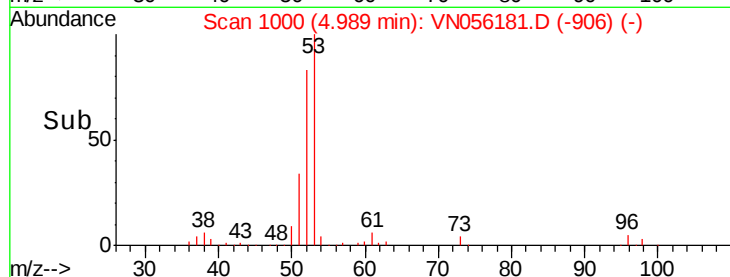
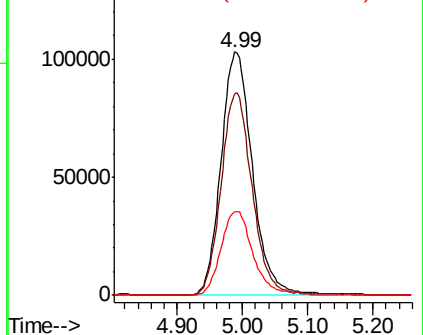
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 220.233 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056181.D

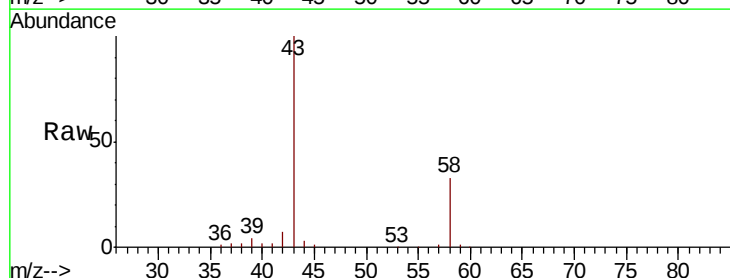
Acq: 10 Jun 2019 19:59

Tgt Ion: 43 Resp: 294230

Ion Ratio Lower Upper

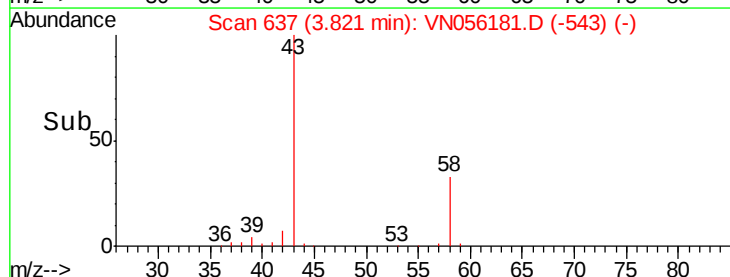
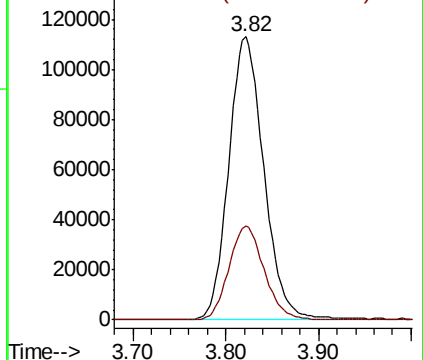
43 100

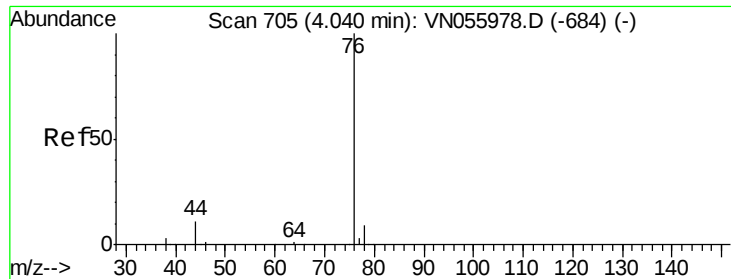
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

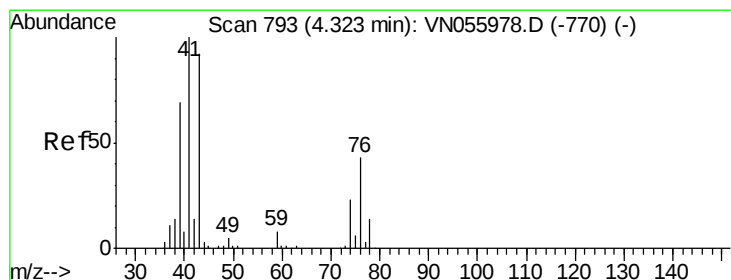
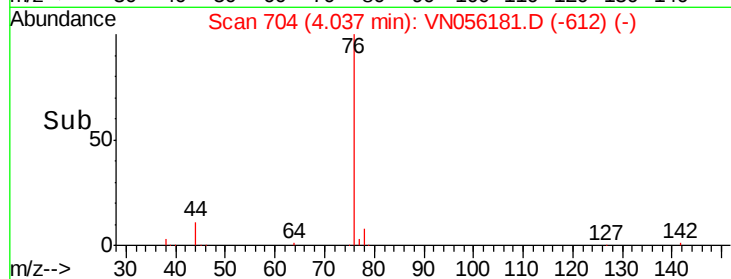
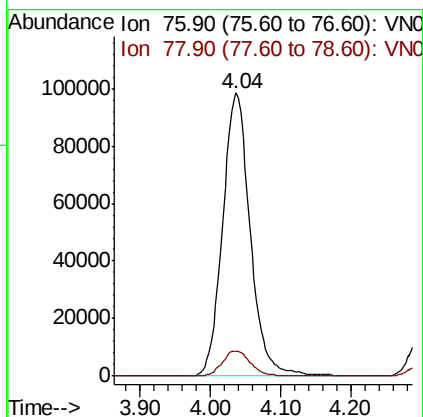
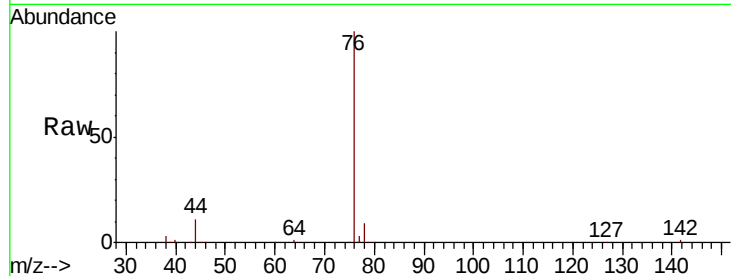




#17
Carbon Disulfide
Concen: 47.670 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

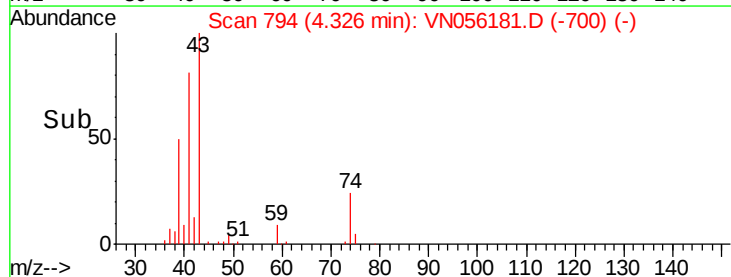
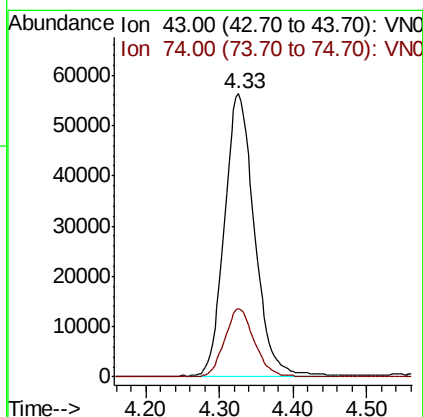
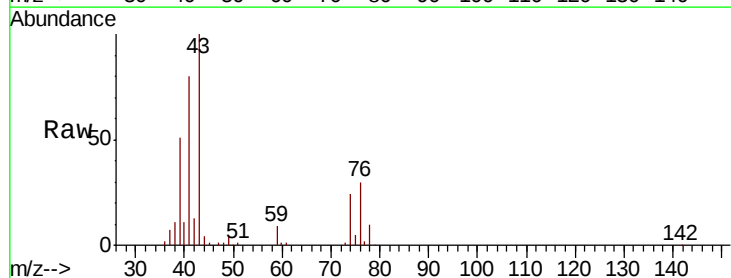
Instrument :
MSVOA_N
ClientSampled :

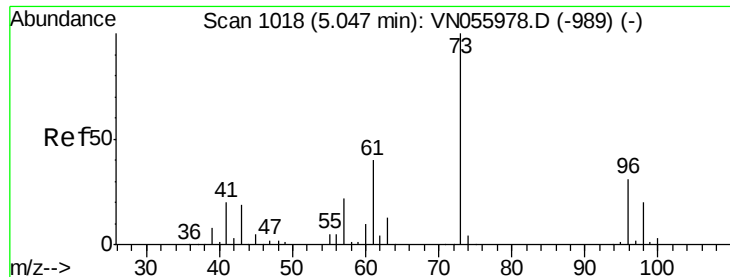
Tot Ion: 76 Resp: 269565
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 60.222 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 43 Resp: 157729
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9

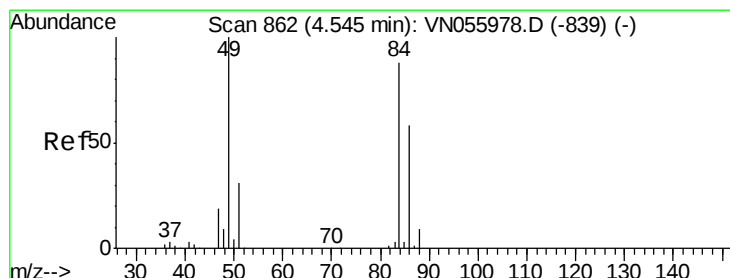
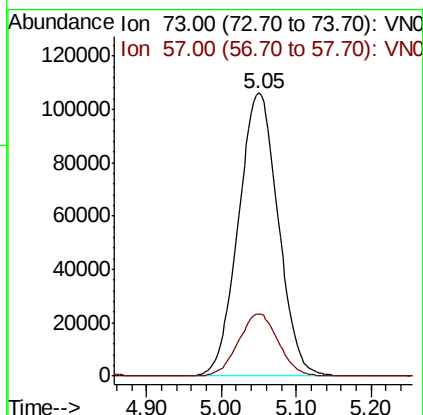
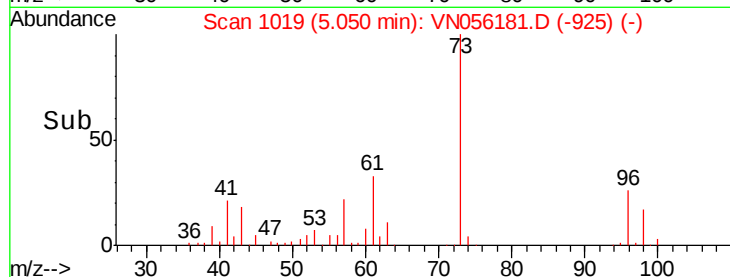
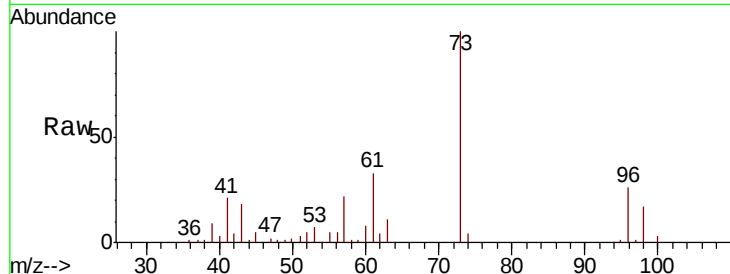




#19
Methvl tert-butvl Ether
Concen: 52.154 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

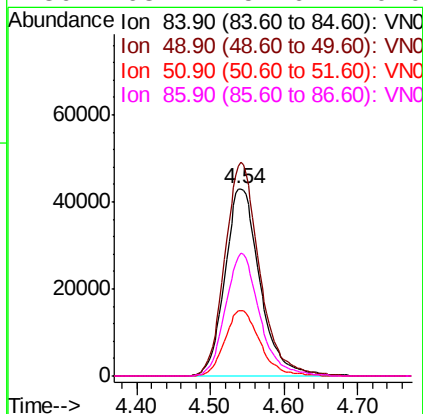
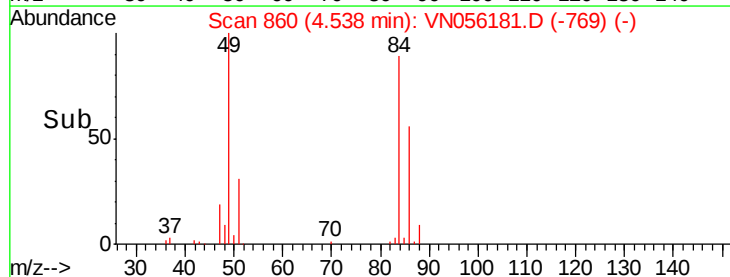
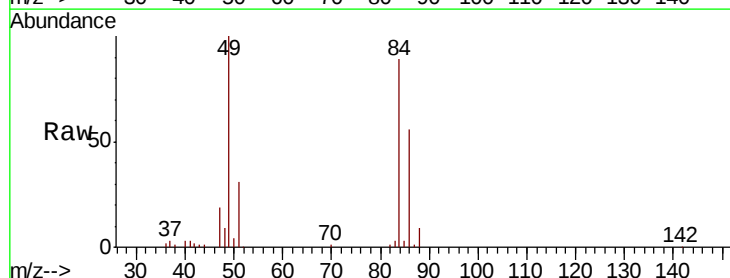
Instrument :
MSVOA_N
ClientSampled :

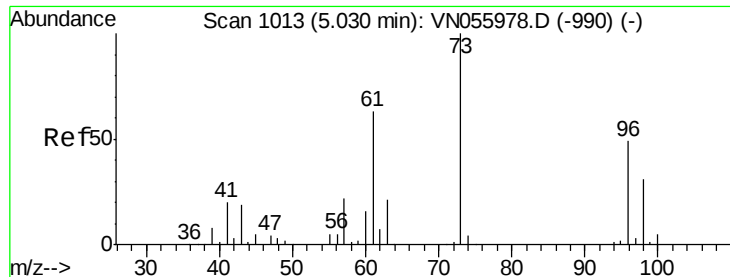
Tot Ion: 73 Resp: 392621
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 51.597 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 84 Resp: 142018
Ion Ratio Lower Upper
84 100
49 112.1 93.5 140.3
51 34.5 28.6 43.0
86 63.2 52.6 79.0

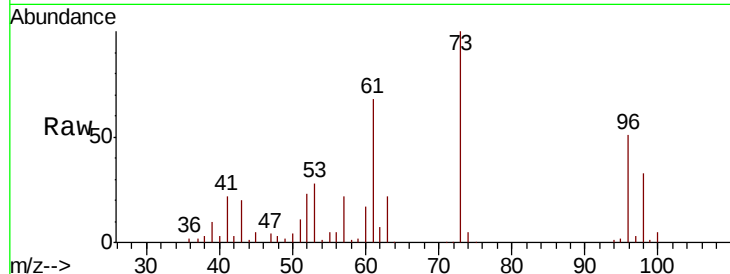




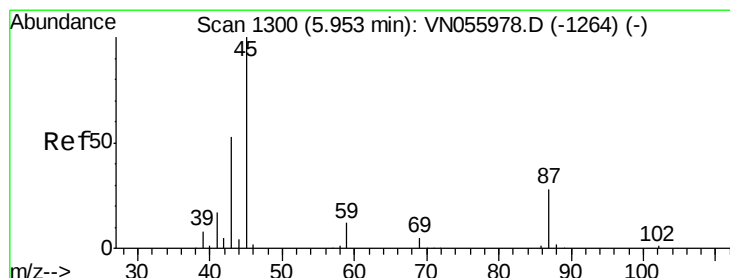
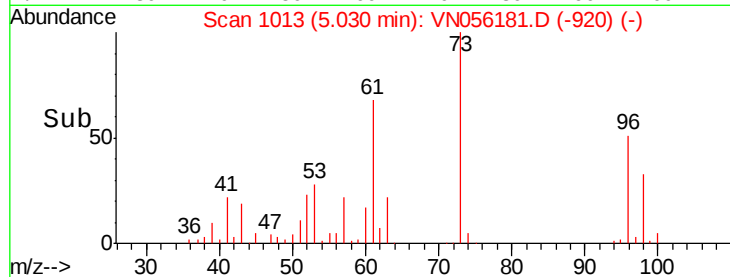
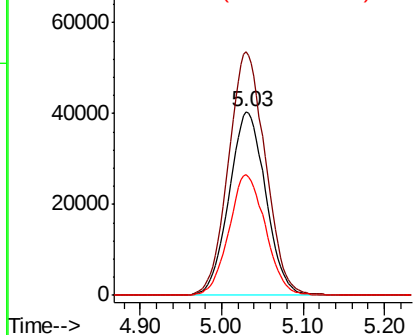
#21
trans-1,2-Dichloroethene
Concen: 49.975 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 126462
Ion Ratio Lower Upper
96 100
61 132.6 107.8 161.8
98 65.5 49.8 74.8

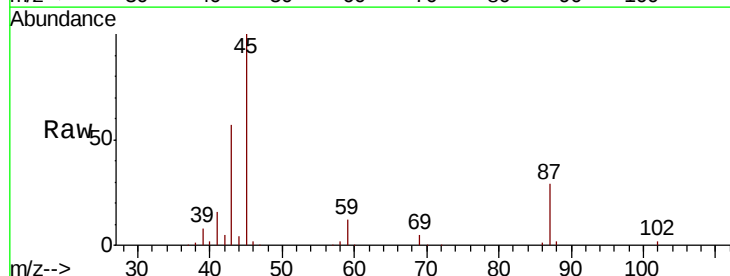


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

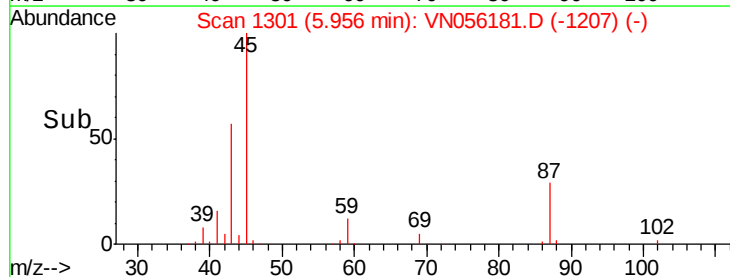
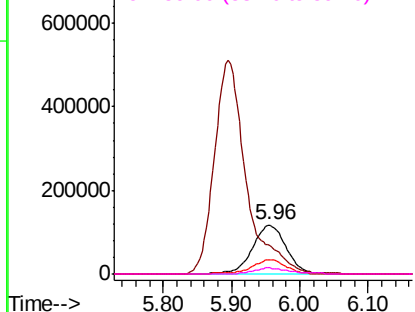


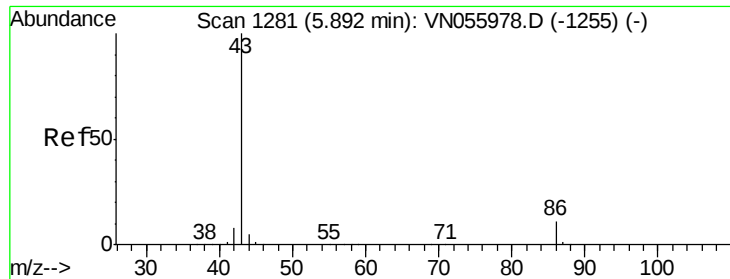
#22
Diisopropyl ether
Concen: 52.474 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 45 Resp: 404529
Ion Ratio Lower Upper
45 100
43 56.0 45.0 67.6
87 28.7 22.2 33.4
59 11.6 9.1 13.7



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





#23

Vinyl Acetate

Concen: 274.086 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

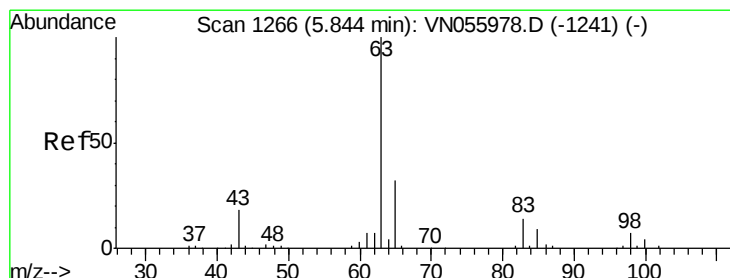
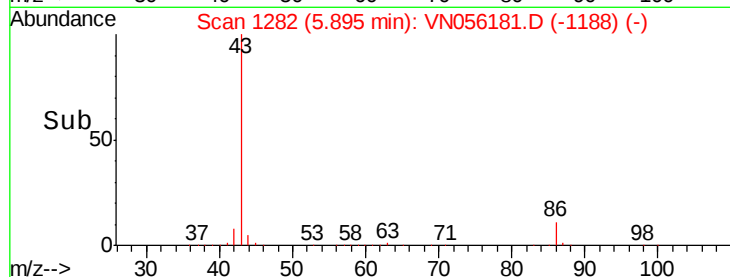
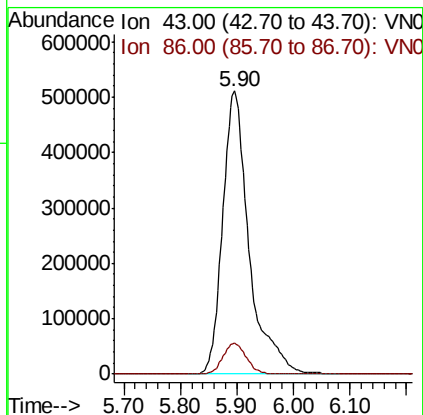
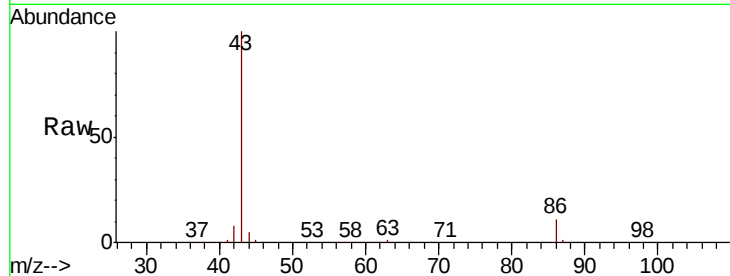
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1663951

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.676 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

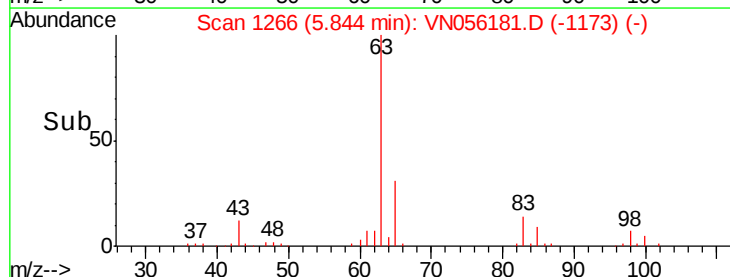
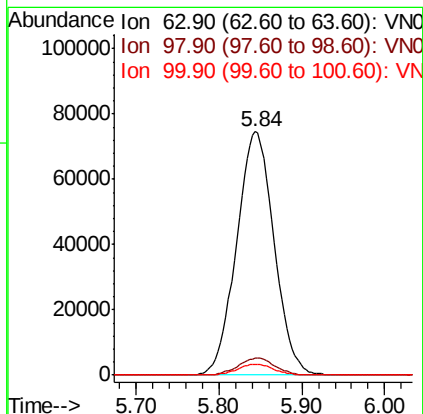
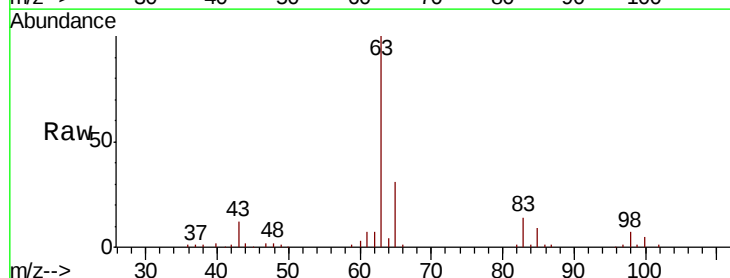
Tgt Ion: 63 Resp: 234245

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 270.388 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

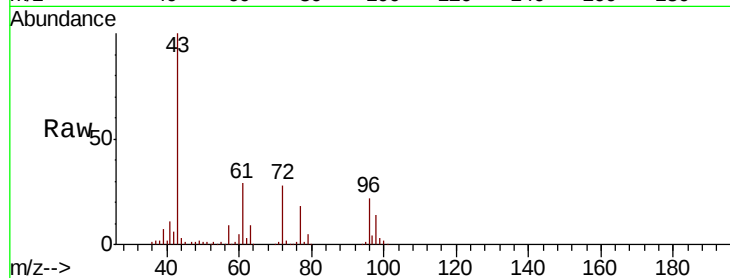
ClientSampleId :

Tot Ion: 43 Resp: 456412

Ion Ratio Lower Upper

43 100

72 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

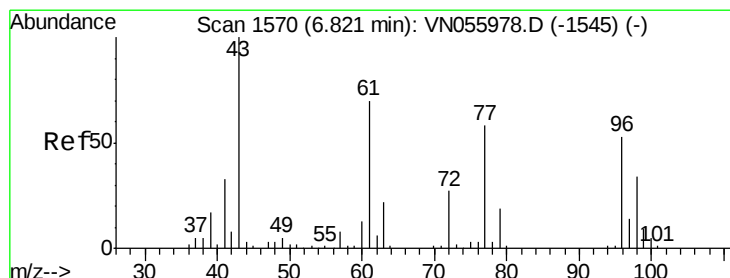
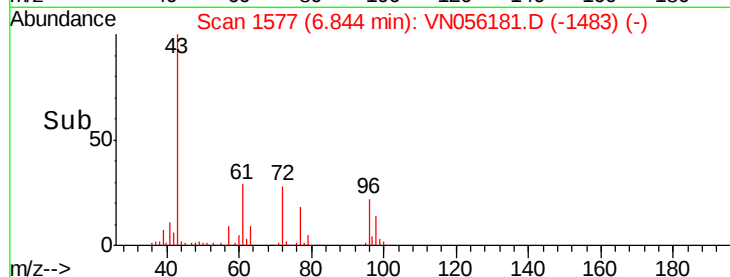
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 44.304 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056181.D

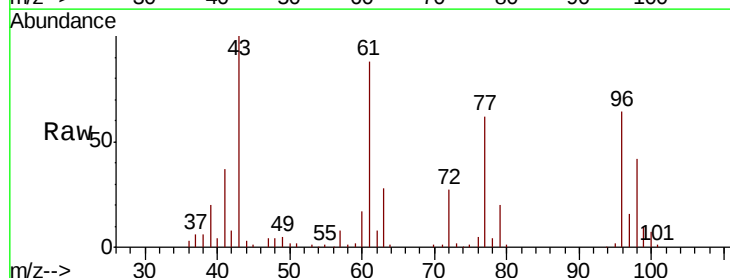
Acq: 10 Jun 2019 19:59

Tgt Ion: 77 Resp: 153735

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

50000

40000

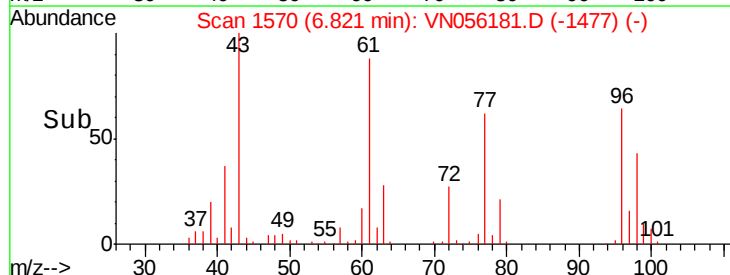
30000

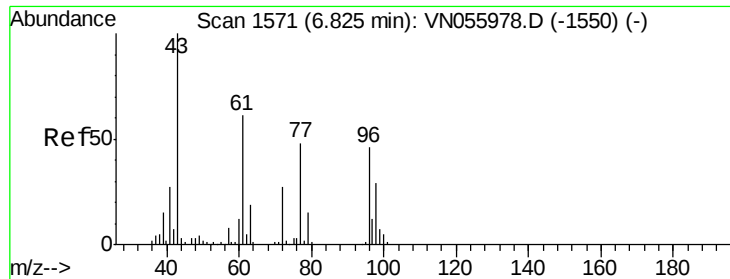
20000

10000

0

Time--> 6.70 6.80 6.90

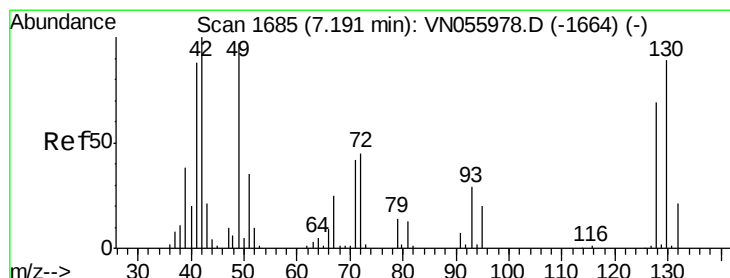
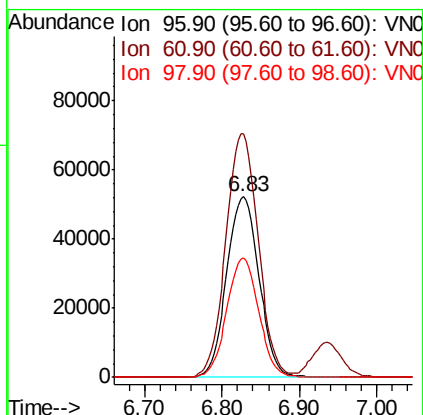
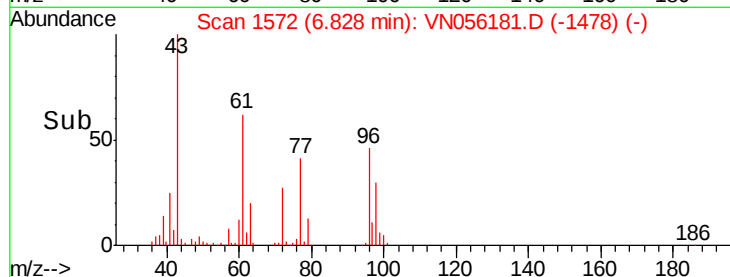
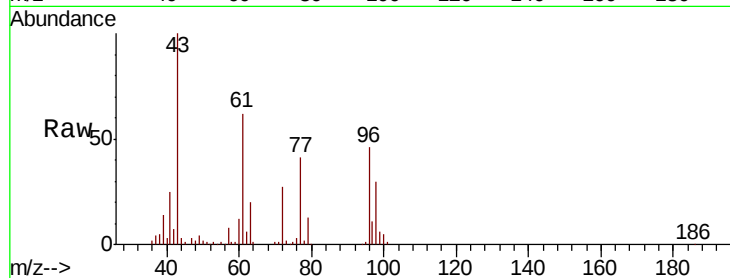




#27
 cis-1,2-Dichloroethene
 Concen: 51.299 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

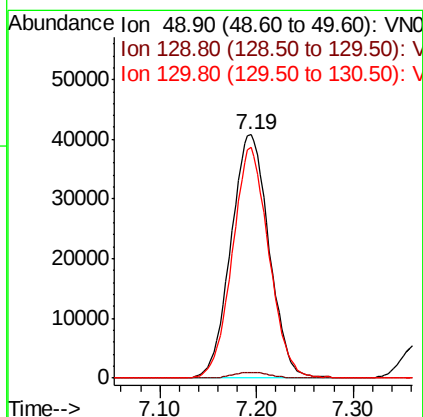
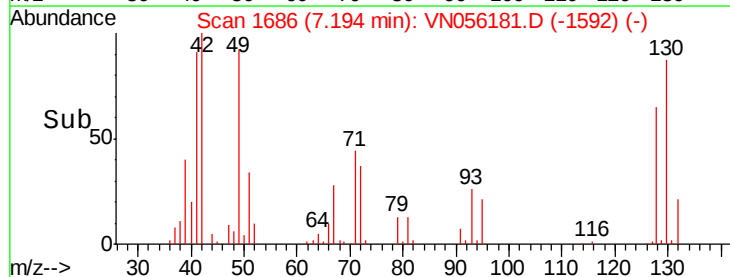
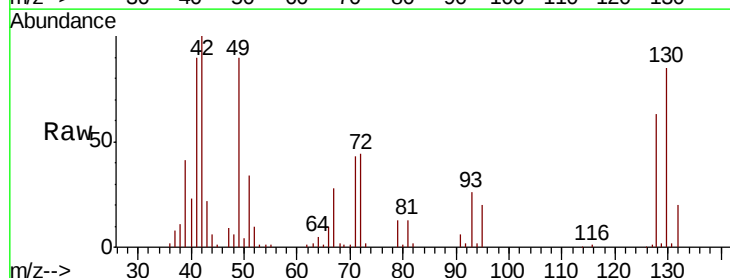
Instrument :
 MSVOA_N
 ClientSampleId :

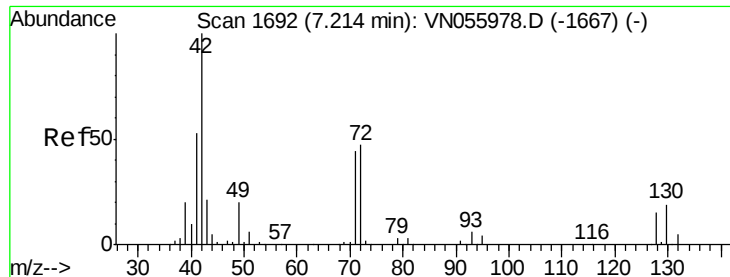
Tot Ion: 96 Resp: 152591
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 275.8
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 53.131 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 49 Resp: 111732
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 90.6 71.2 106.8

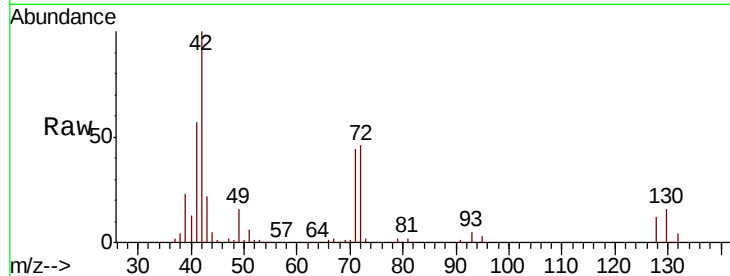




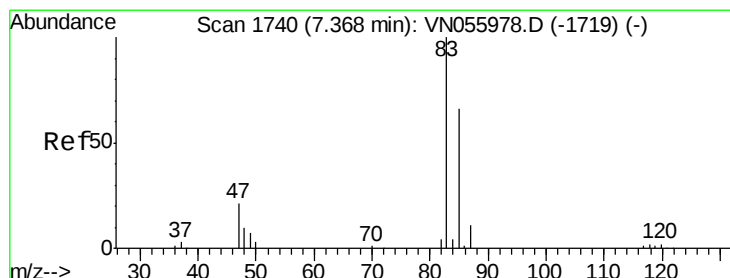
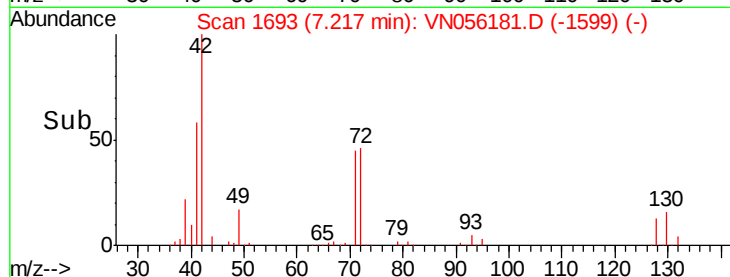
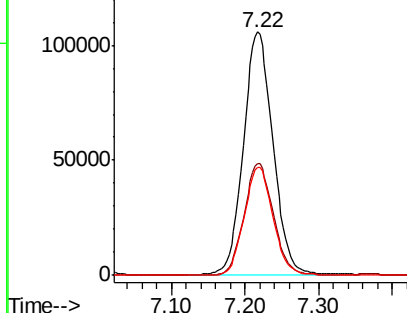
#29
Tetrahydrofuran
Concen: 285.569 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.9	53.9
71	43.1	34.0	51.0

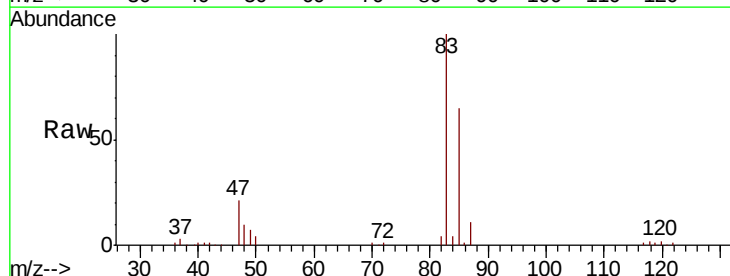


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

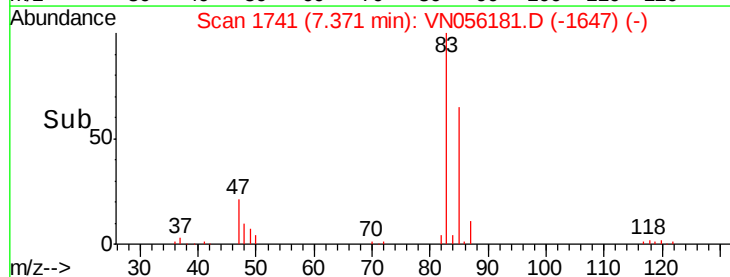
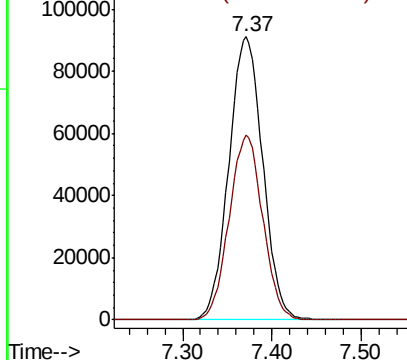


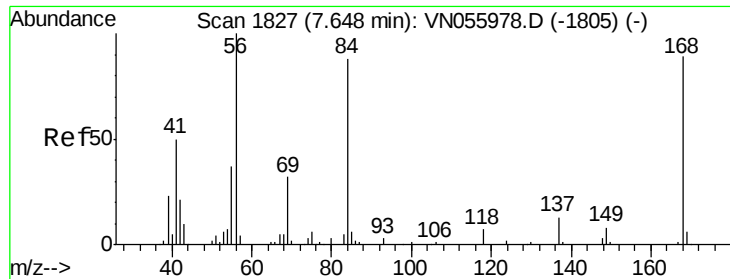
#30
Chloroform
Concen: 53.607 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8



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

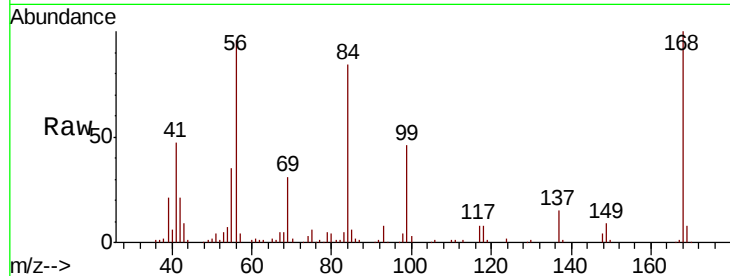




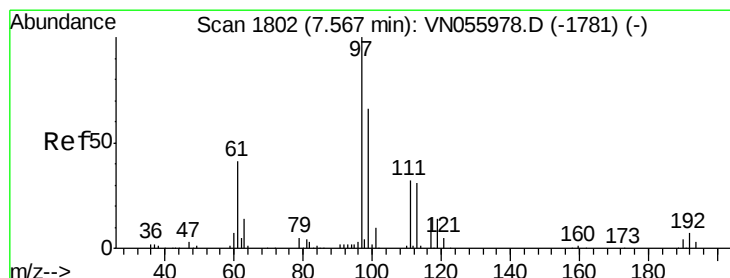
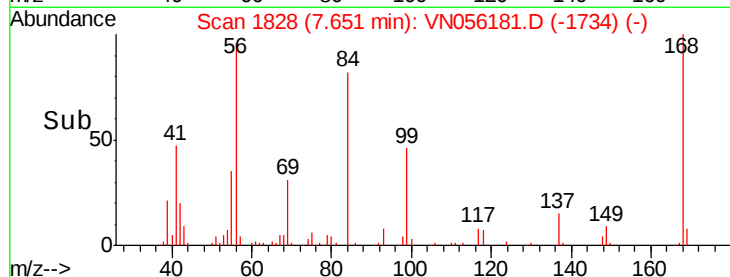
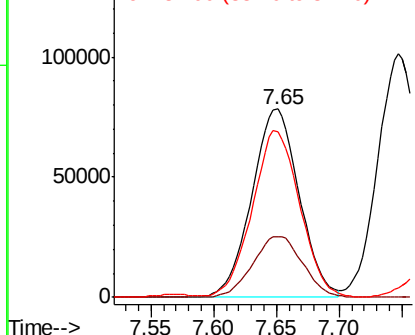
#31
Cyclohexane
Concen: 46.468 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 205970
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 86.5 67.4 101.0

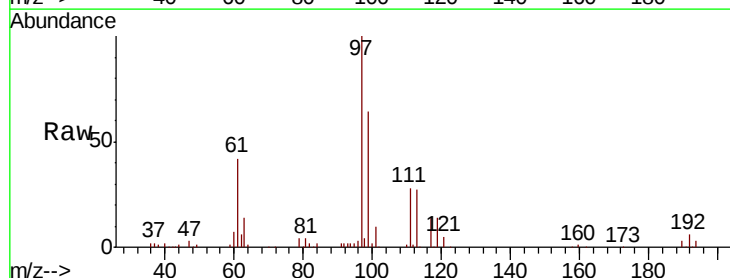


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

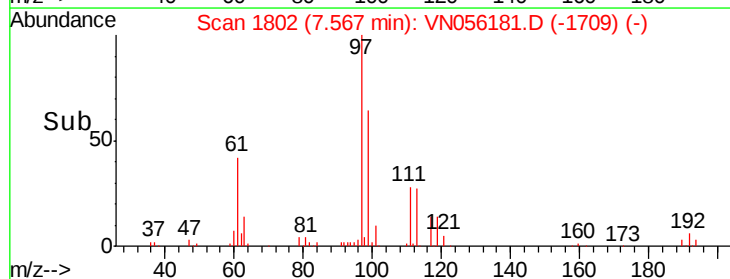
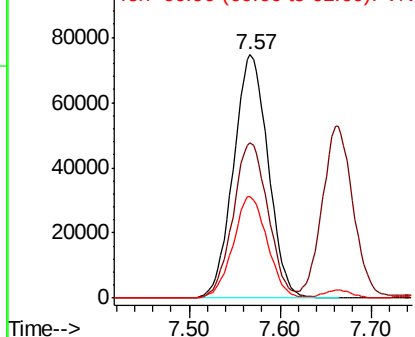


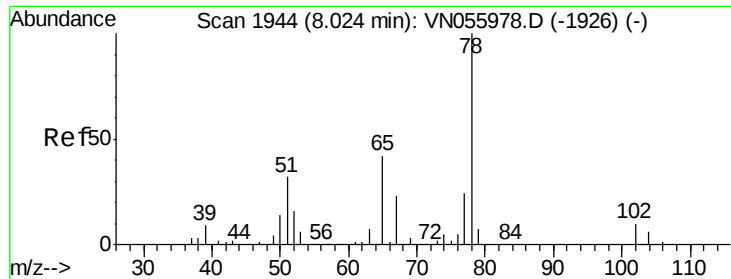
#32
1,1,1-Trichloroethane
Concen: 52.931 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 97 Resp: 197728
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 41.4 32.9 49.3



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

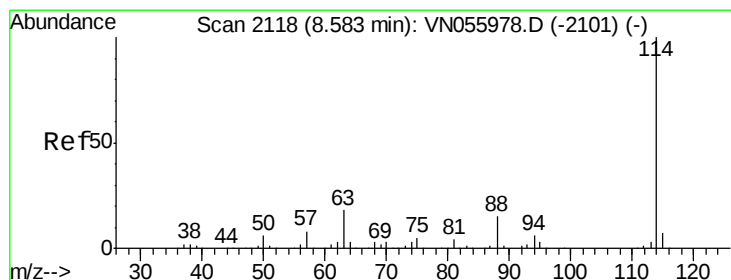
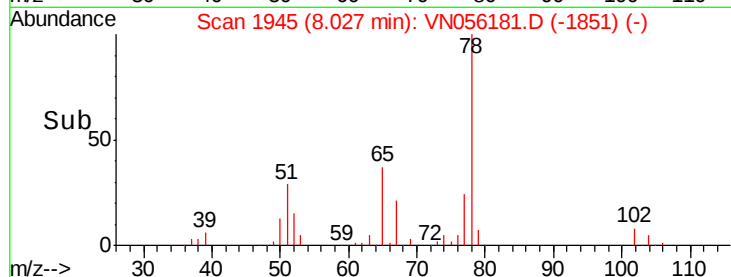
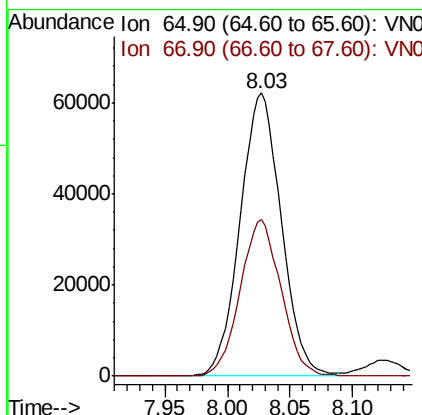
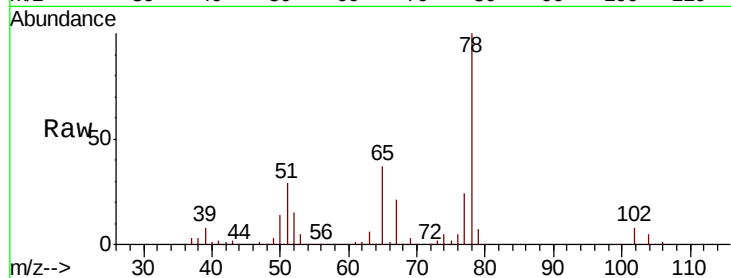




#33
 1,2-Dichloroethane-d4
 Concen: 50.840 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

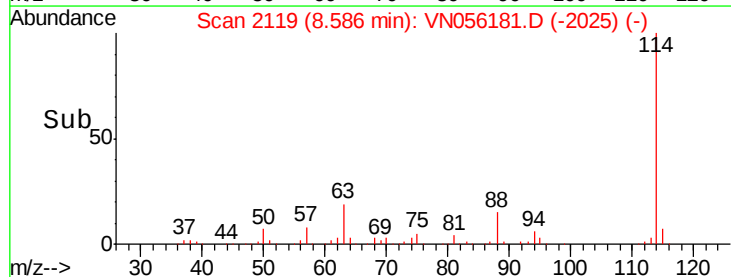
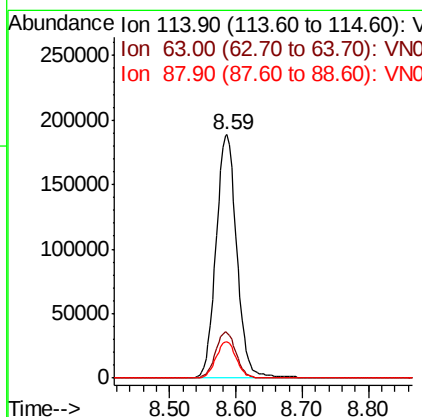
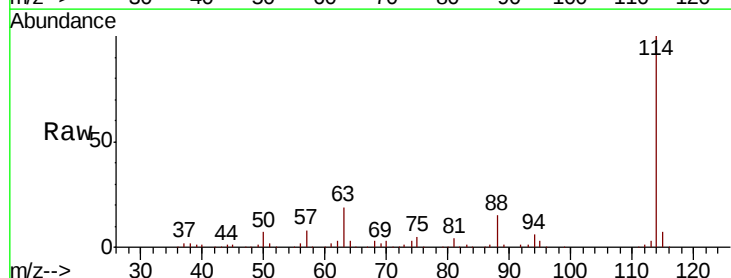
Instrument :
 MSVOA_N
 ClientSampleId :

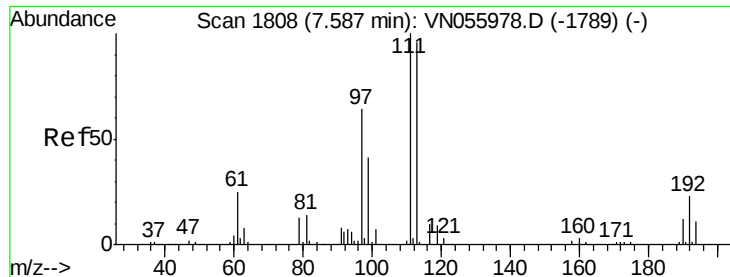
Tot Ion: 65 Resp: 142017
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 114 Resp: 409519
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.9 0.0 31.0

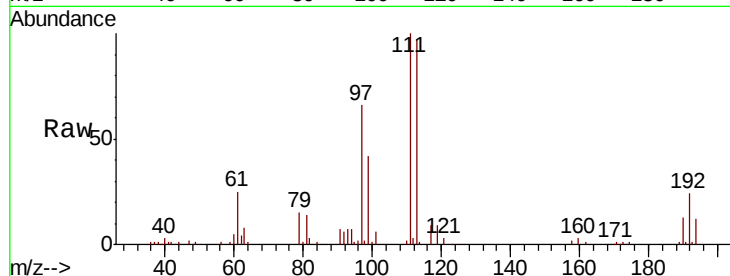




#35
 Dibromofluoromethane
 Concen: 51.326 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	24.3	19.5	29.3

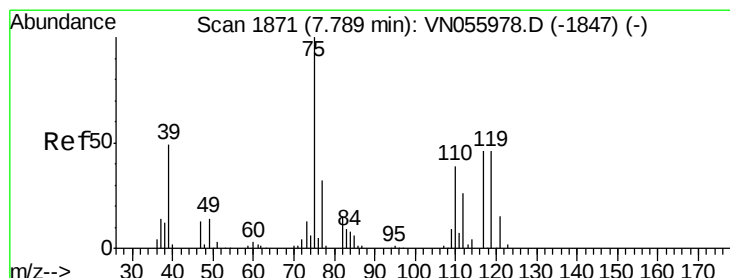
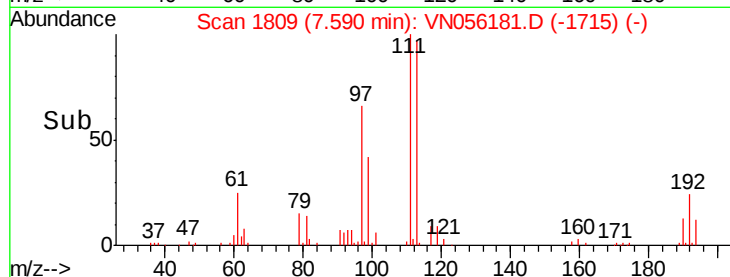
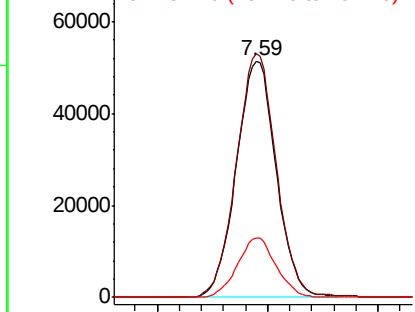


Abundance

Ion 112.80 (112.50 to 113.50): V

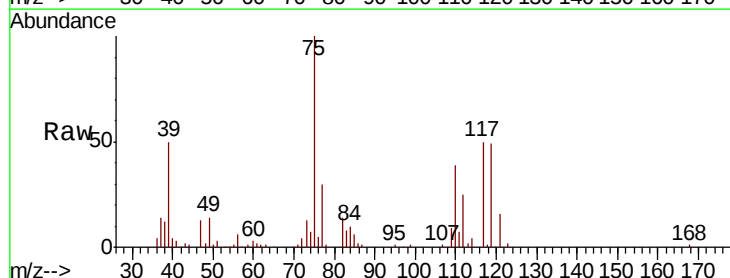
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.940 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.0	57.0
77	31.0	25.1	37.7

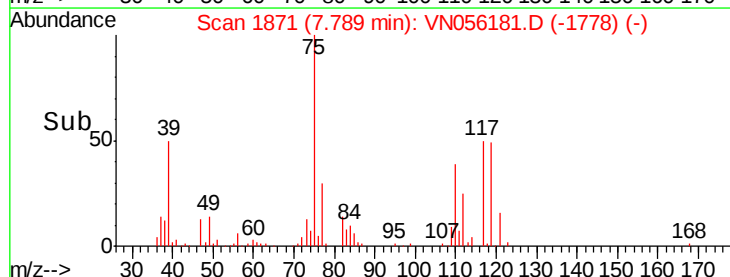
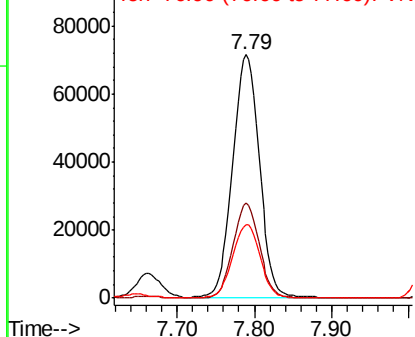


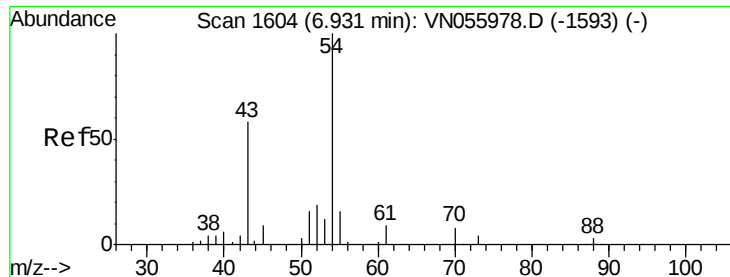
Abundance

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

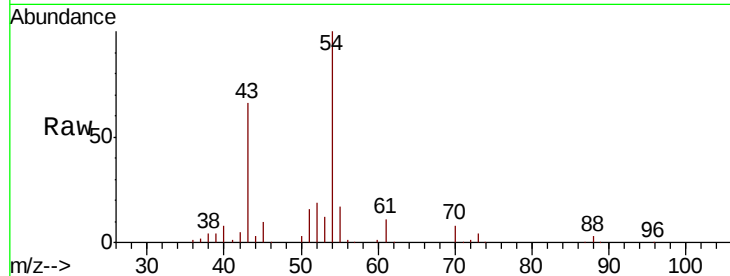




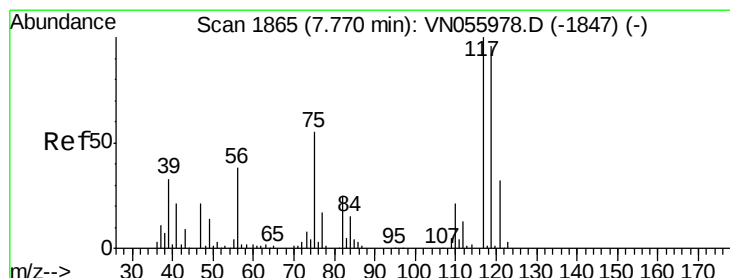
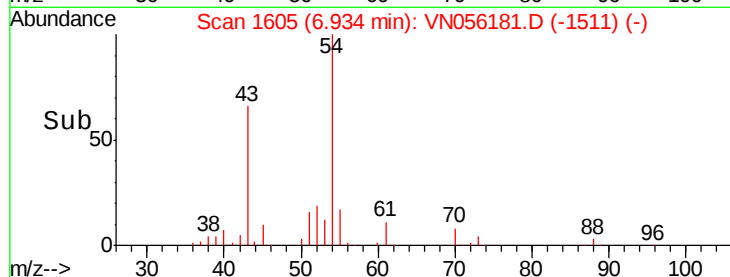
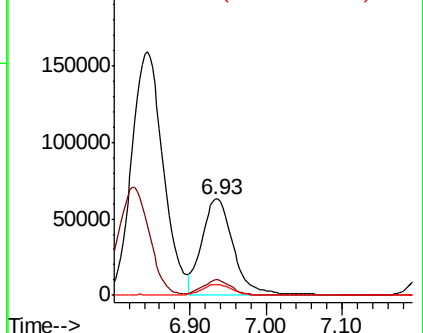
#37
Ethyl Acetate
Concen: 57.211 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 179248
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 11.1 8.9 13.3

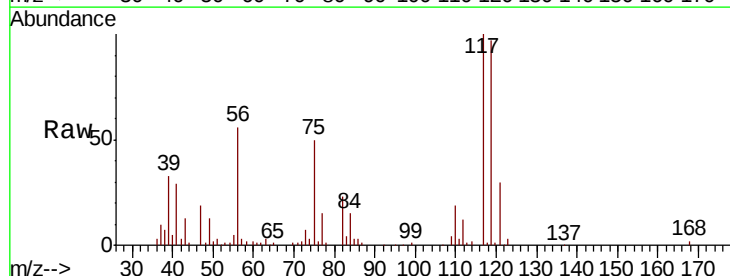


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

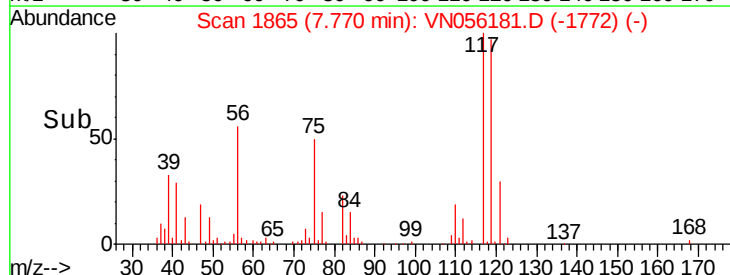
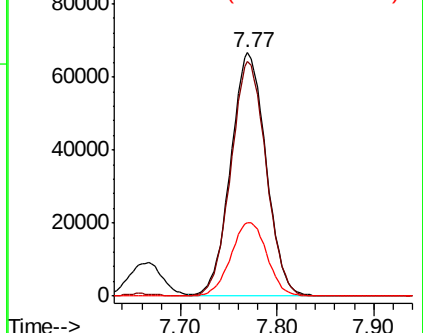


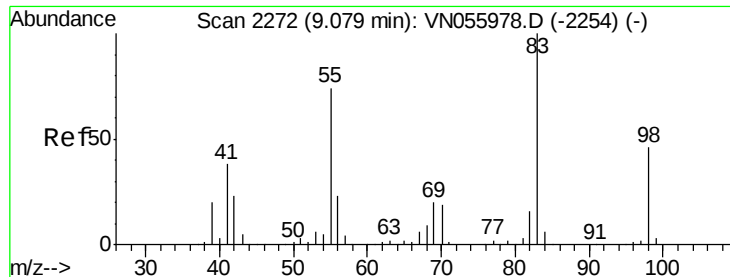
#38
Carbon Tetrachloride
Concen: 52.165 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 117 Resp: 169351
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 30.2 24.7 37.1



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

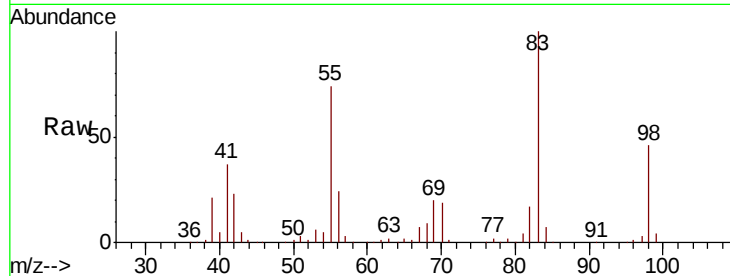




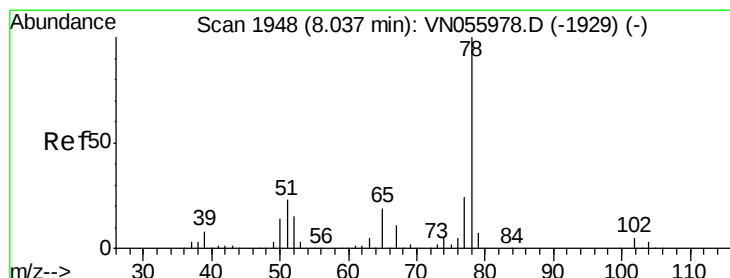
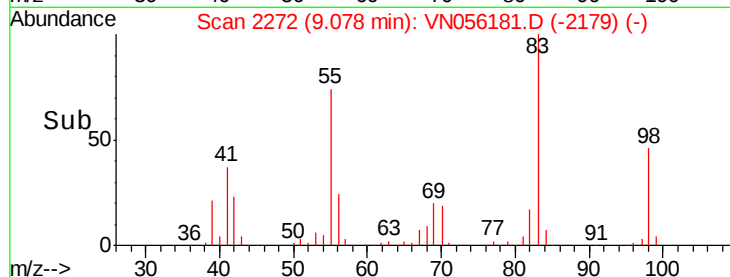
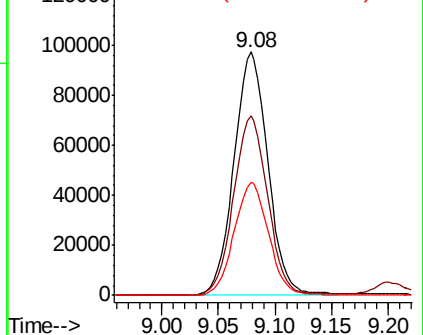
#39
Methvlcvclohexane
Concen: 46.433 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 203678
Ion Ratio Lower Upper
83 100
55 73.9 59.3 88.9
98 46.4 36.6 54.8

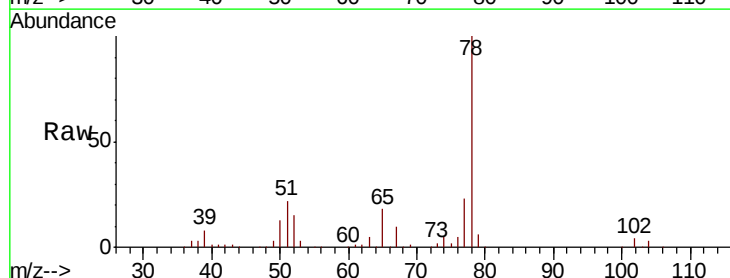


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

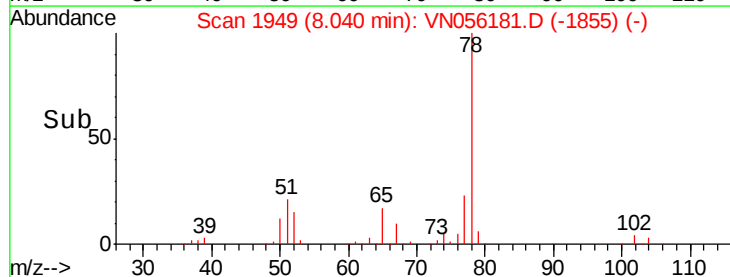
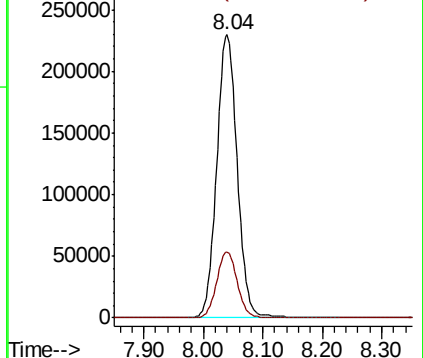


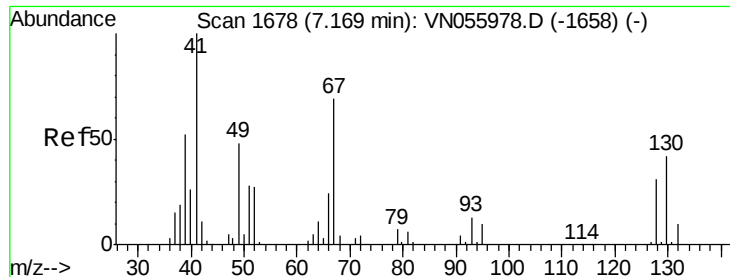
#40
Benzene
Concen: 51.231 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 78 Resp: 547912
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

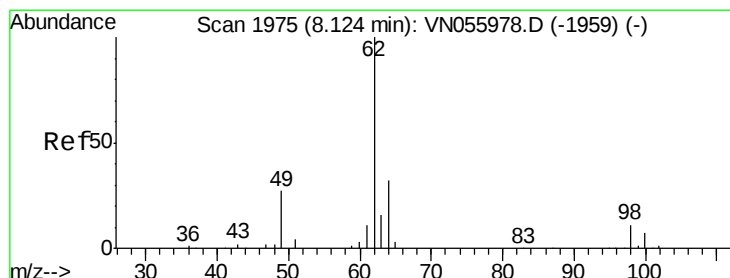
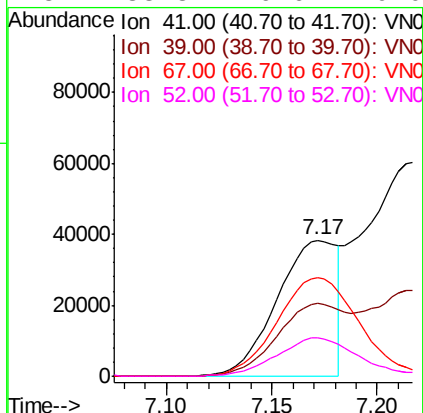
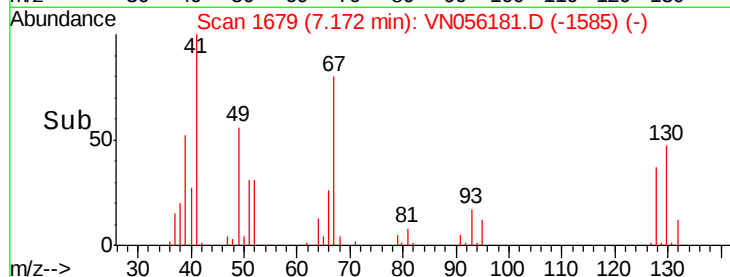
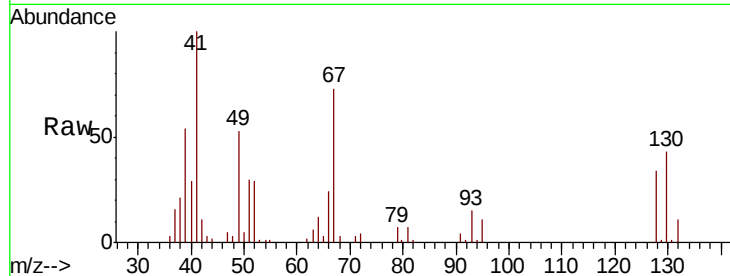




#41
Methacrylonitrile
Concen: 52.892 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

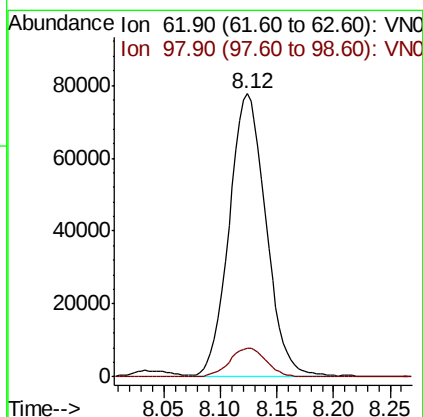
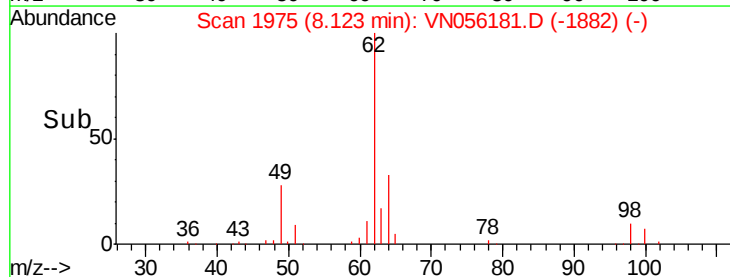
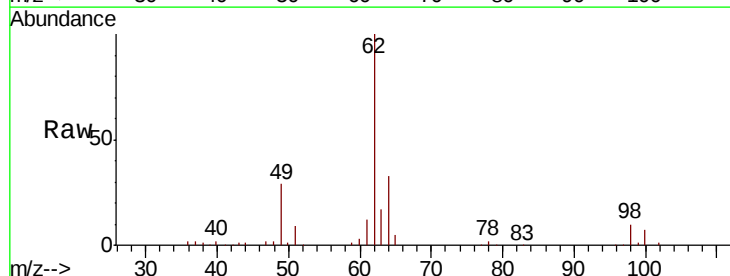
Instrument :
MSVOA_N
ClientSampled :

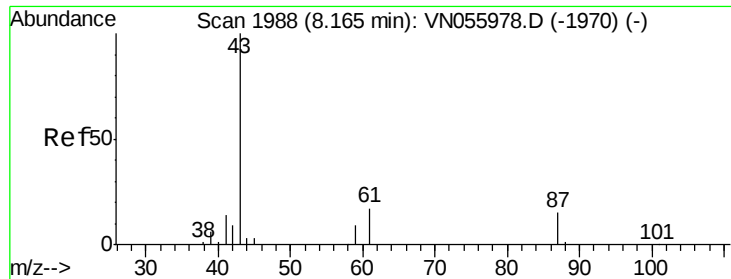
Tot Ion: 41 Resp: 76245
Ion Ratio Lower Upper
41 100
39 61.7 45.6 68.4
67 98.9 67.7 101.5
52 38.8 26.6 40.0



#42
1,2-Dichloroethane
Concen: 50.828 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 62 Resp: 174857
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 54.331 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

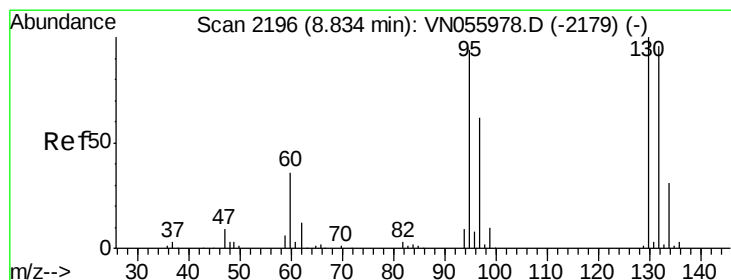
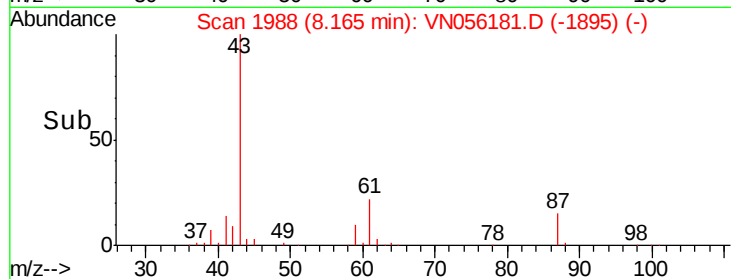
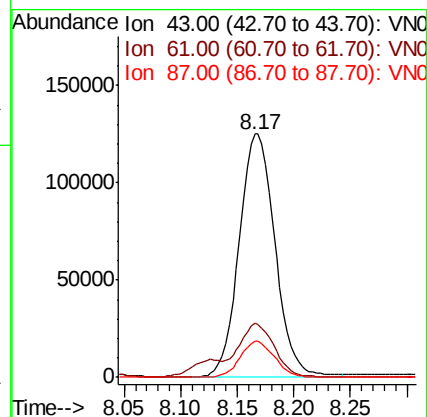
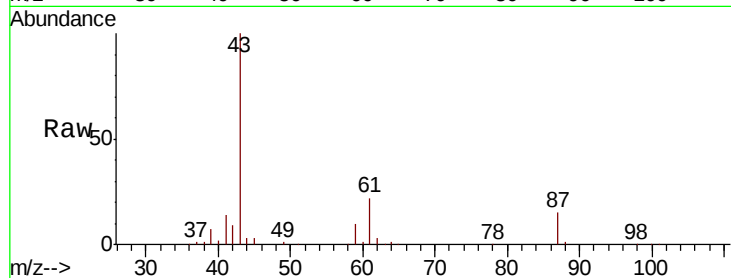
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 275845

Ion	Ratio	Lower	Upper
43	100		
61	22.1	22.2	33.4#
87	14.3	11.4	17.2



#44

Trichloroethene

Concen: 50.407 ug/l

RT: 8.83 min Scan# 2196

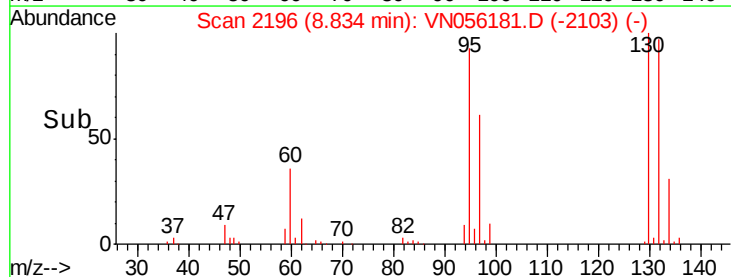
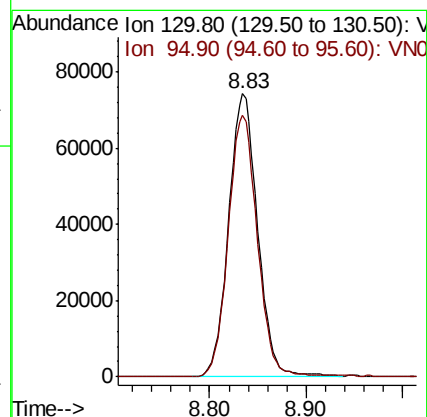
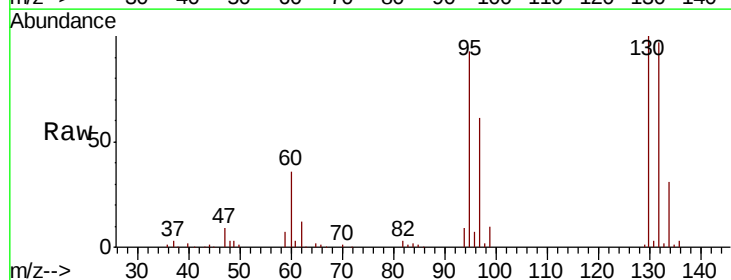
Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion: 130 Resp: 154911

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	188.0

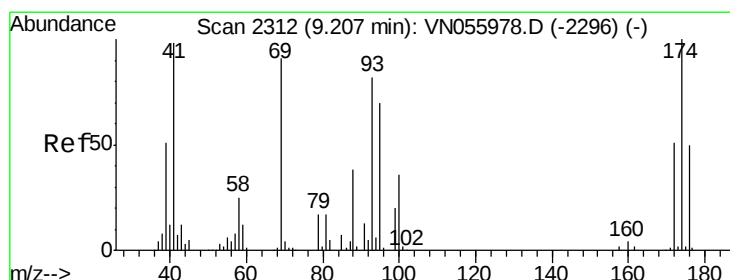
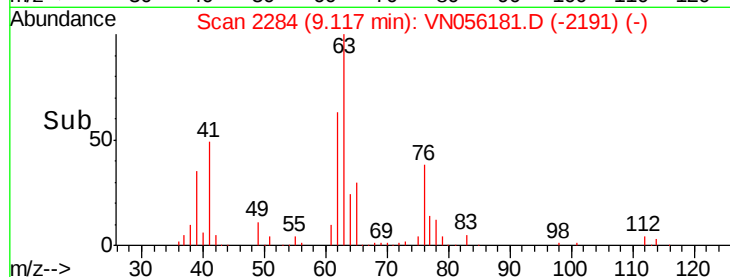
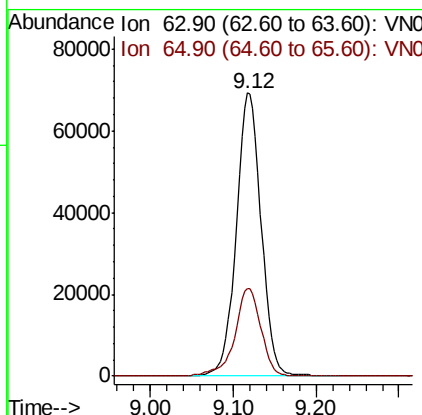
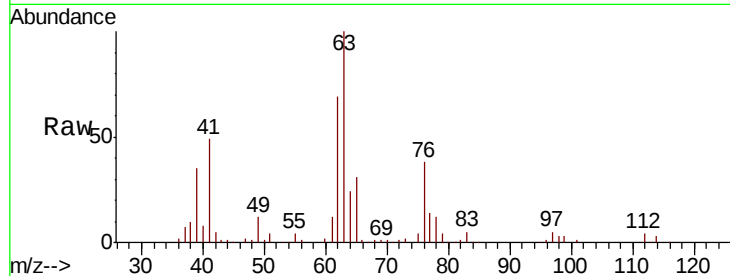




#45
 1,2-Dichloropropane
 Concen: 52.863 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

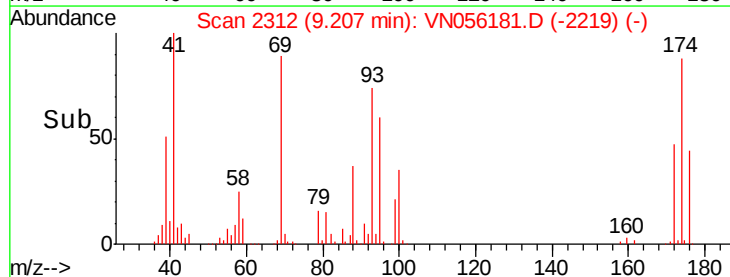
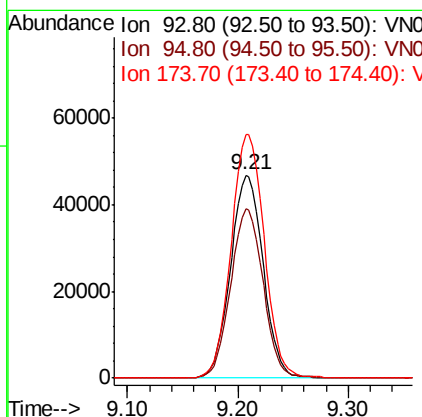
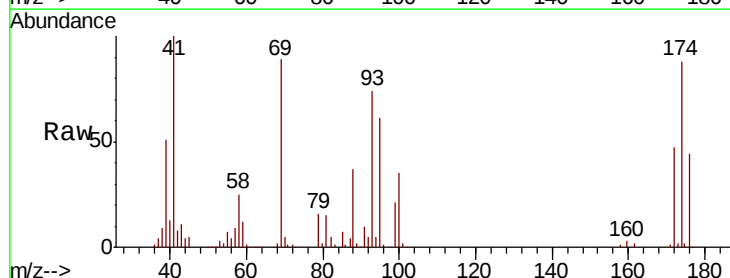
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 144814
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 53.737 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion: 93 Resp: 96264
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 121.5 96.4 144.6





#47

Bromodichloromethane

Concen: 55.585 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

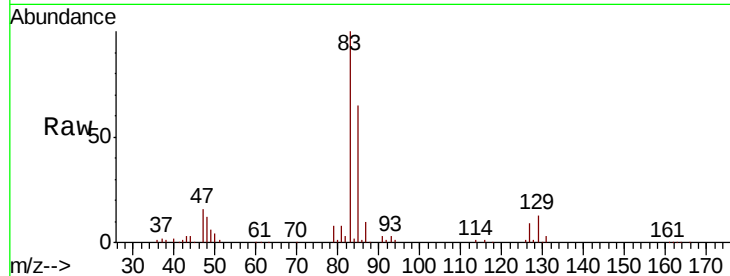
Tot Ion: 83 Resp: 180469

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.2

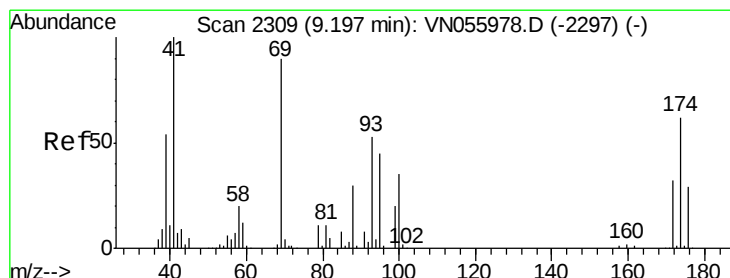
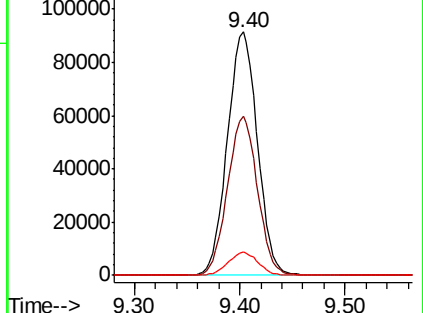
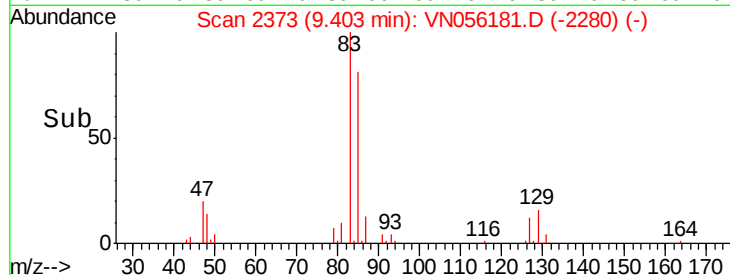
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056181.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056181.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056181.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.379 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

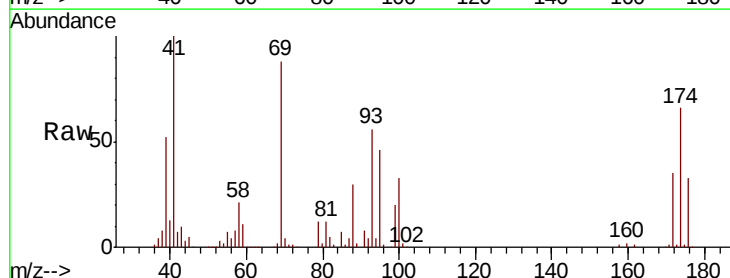
Tgt Ion: 41 Resp: 137553

Ion Ratio Lower Upper

41 100

69 92.1 71.0 106.6

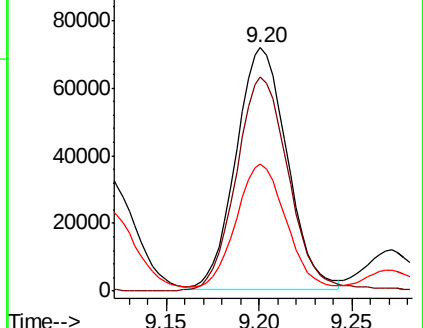
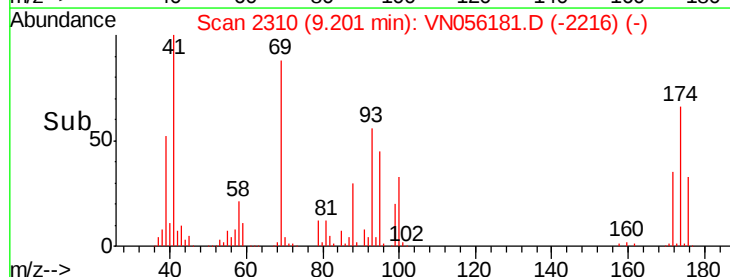
39 52.1 44.2 66.2

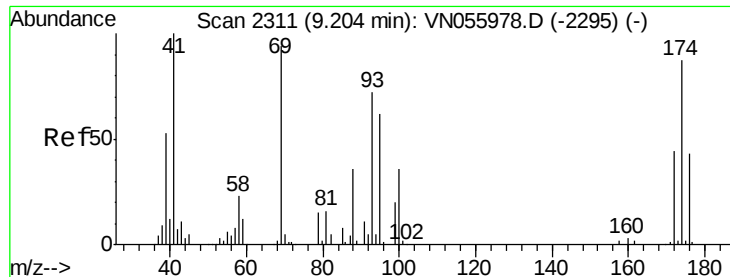


Abundance Ion 41.00 (40.70 to 41.70): VN056181.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056181.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056181.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1085.942 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

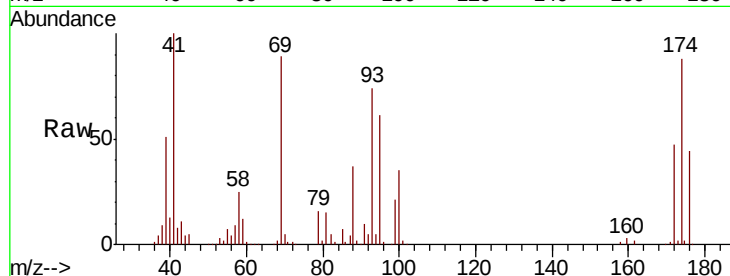
Tot Ion: 88 Resp: 58232

Ion Ratio Lower Upper

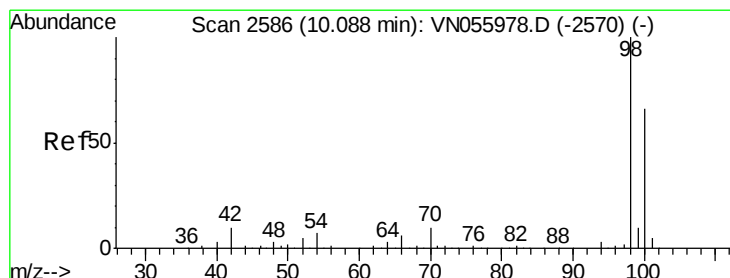
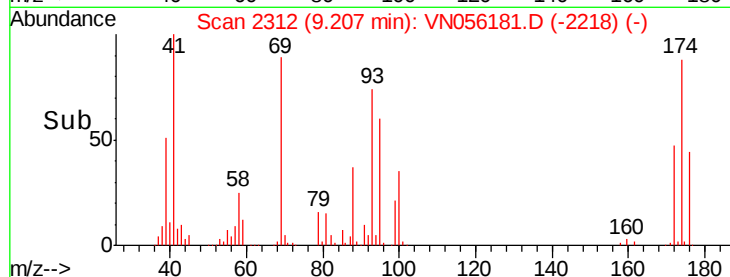
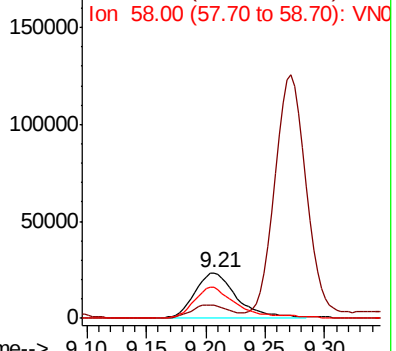
88 100

43 25.8 20.5 30.7

58 65.6 55.8 83.6



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



#50

Toluene-d8

Concen: 49.223 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056181.D

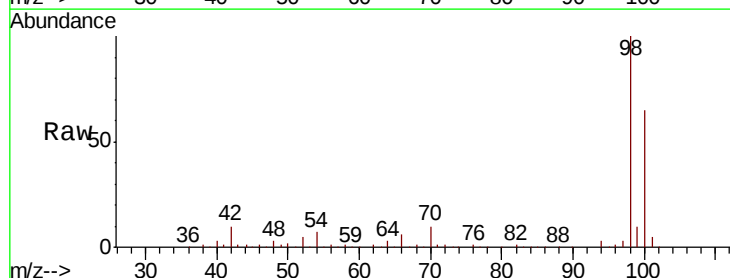
Acq: 10 Jun 2019 19:59

Tgt Ion: 98 Resp: 475898

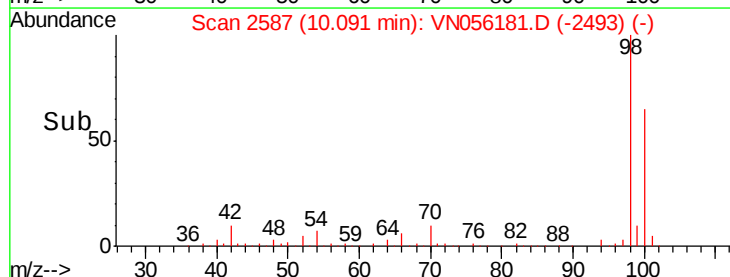
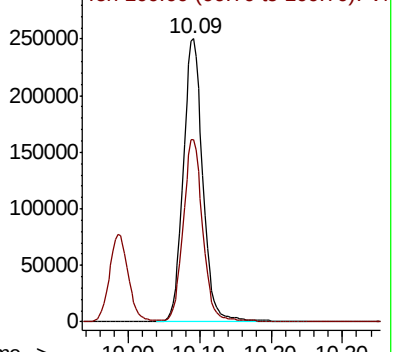
Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 282.864 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

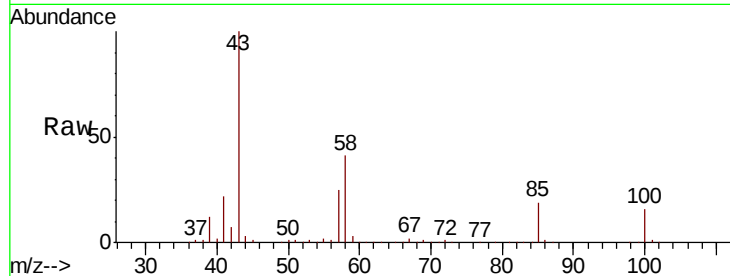
ClientSampled :

Tot Ion: 43 Resp: 898080

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

500000

400000

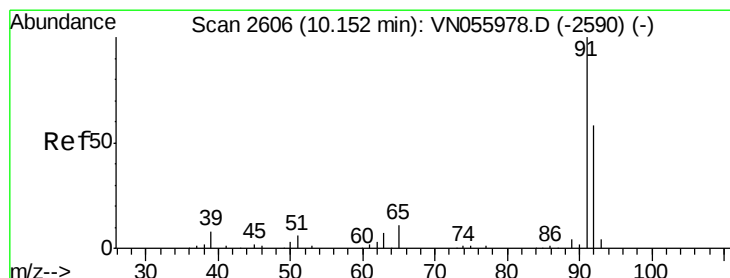
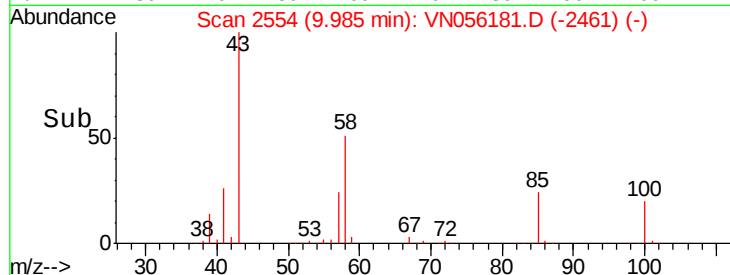
300000

200000

100000

0

Time--> 9.80 9.90 10.00 10.10



#52

Toluene

Concen: 51.488 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056181.D

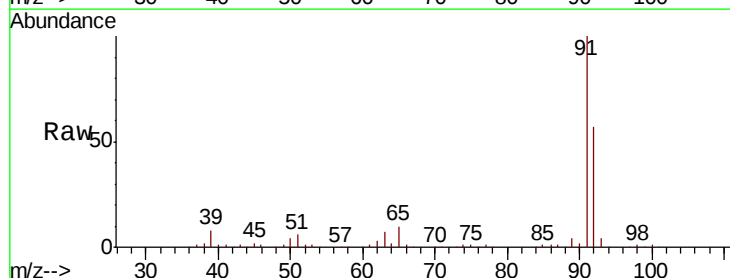
Acq: 10 Jun 2019 19:59

Tgt Ion: 92 Resp: 342654

Ion Ratio Lower Upper

92 100

91 174.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

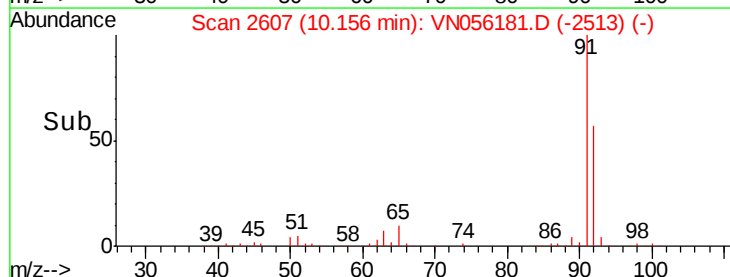
300000

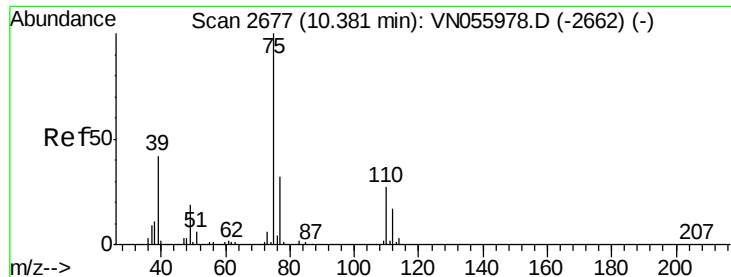
200000

100000

0

Time--> 10.00 10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 47.302 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

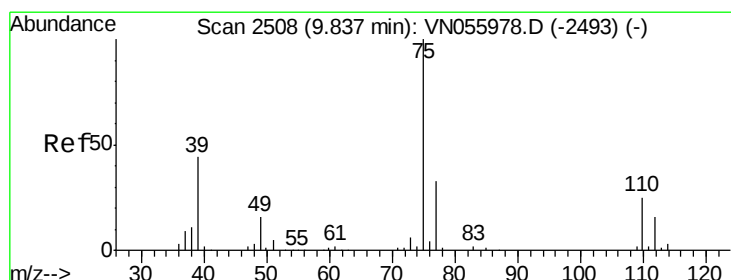
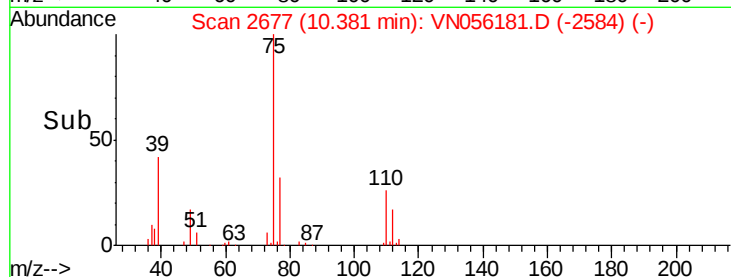
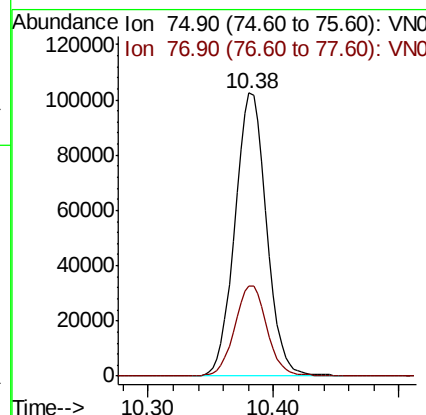
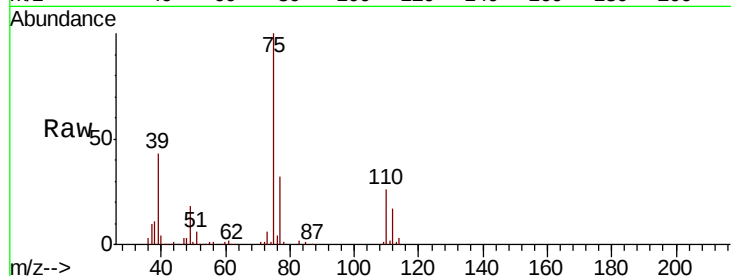
ClientSampleId :

Tot Ion: 75 Resp: 179538

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 54.090 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

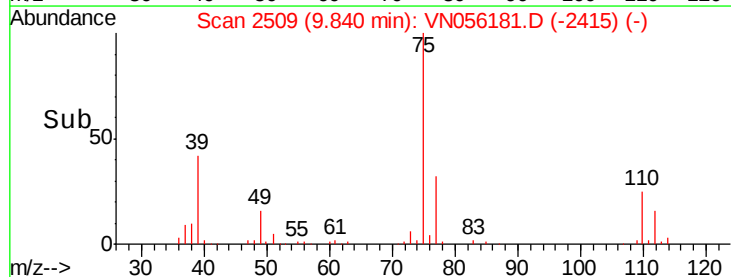
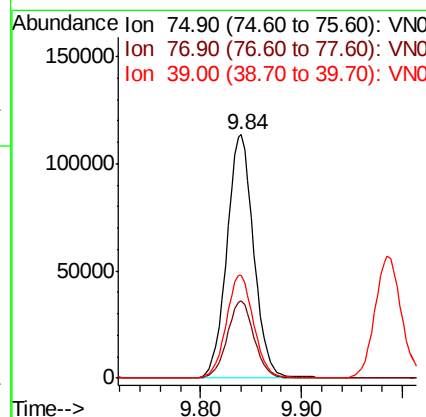
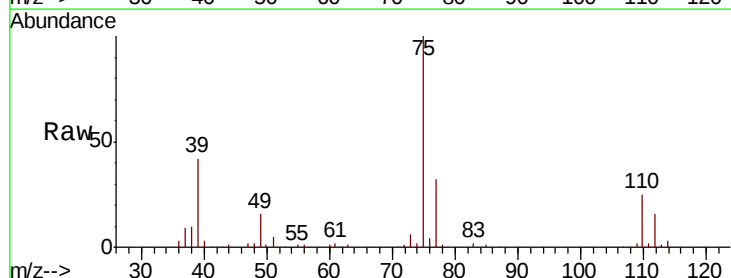
Tgt Ion: 75 Resp: 211093

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 42.2 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 52.459 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 138290

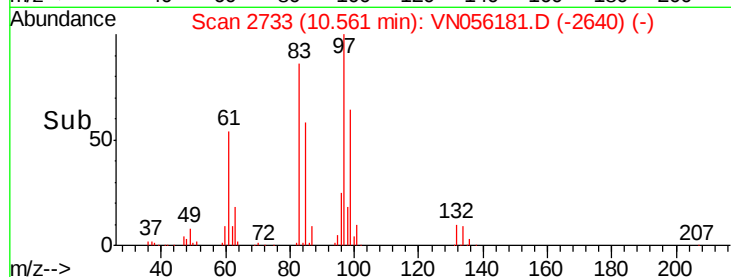
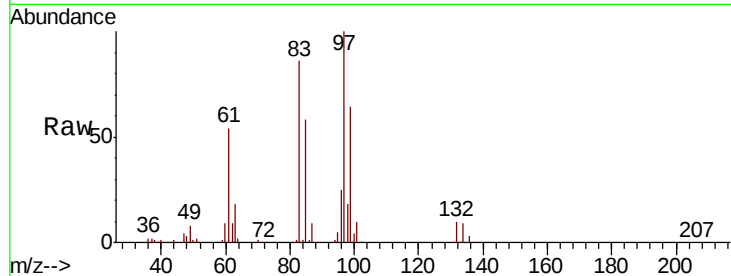
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	57.8	44.0	66.0
99	64.4	50.6	75.8

97 100

83 85.9 67.0 100.6

85 57.8 44.0 66.0

99 64.4 50.6 75.8

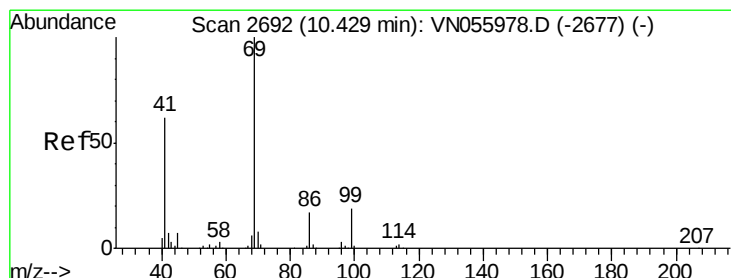
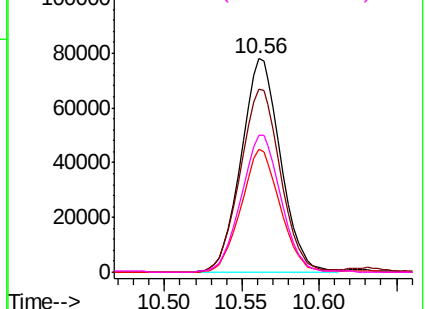


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.992 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

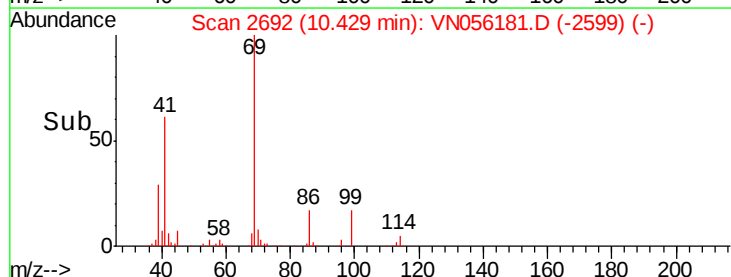
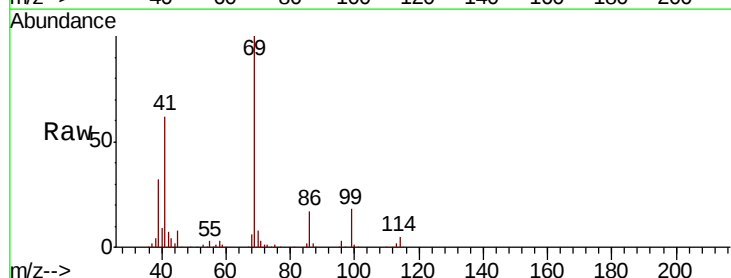
Tgt Ion: 69 Resp: 207649

Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.7	74.5
39	30.4	24.7	37.1

69 100

41 61.0 49.7 74.5

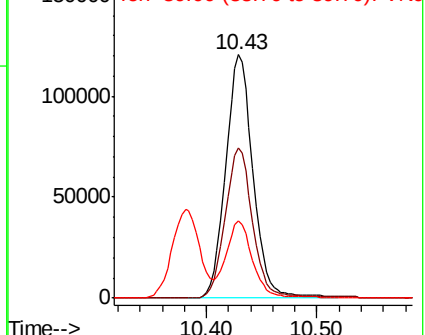
39 30.4 24.7 37.1

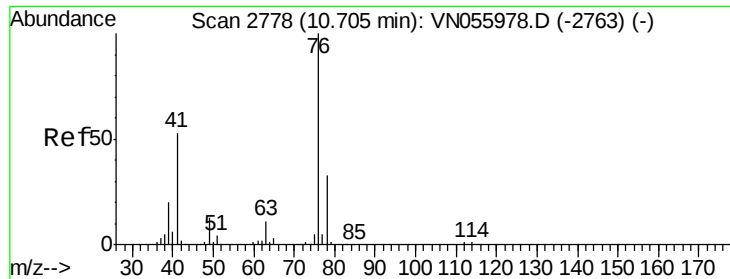


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.577 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

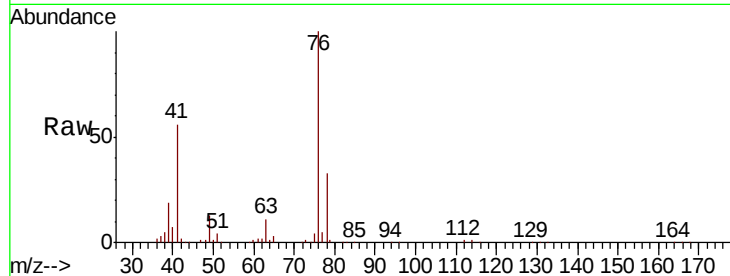
ClientSampled :

Tot Ion: 76 Resp: 229604

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN055978.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055978.D (-2763) (-)

10.71

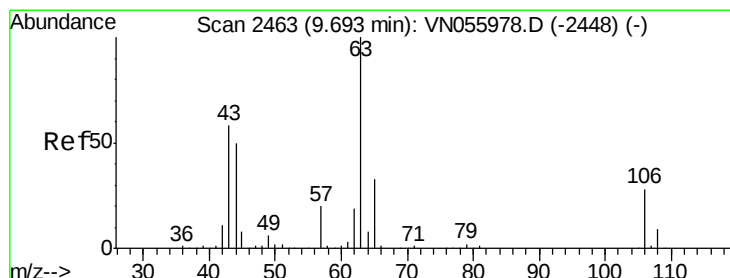
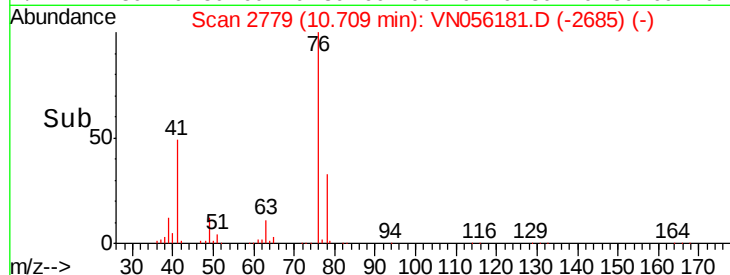
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.316 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056181.D

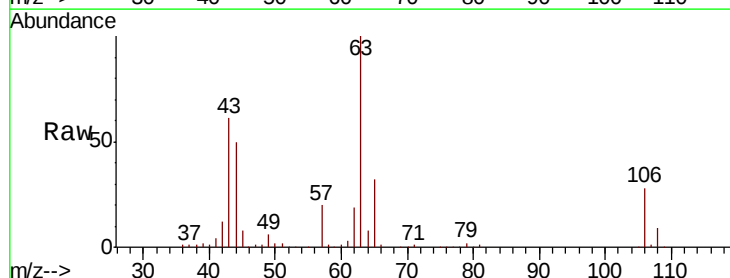
Acq: 10 Jun 2019 19:59

Tgt Ion: 63 Resp: 365509

Ion Ratio Lower Upper

63 100

106 27.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN055978.D (-2448) (-)

9.70

200000

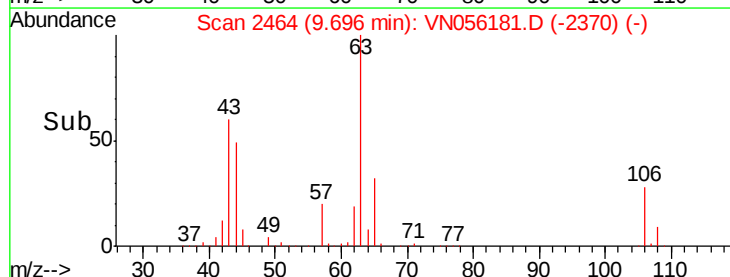
150000

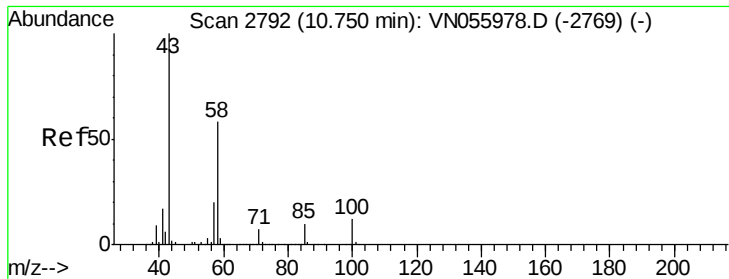
100000

50000

0

Time-->

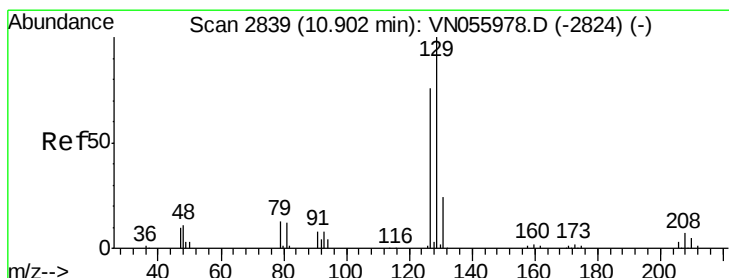
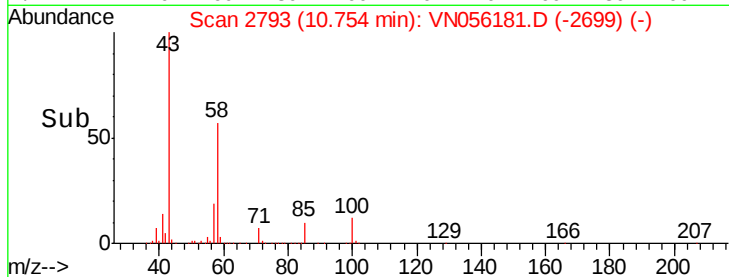
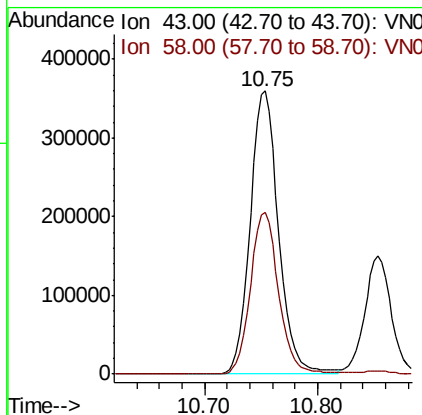
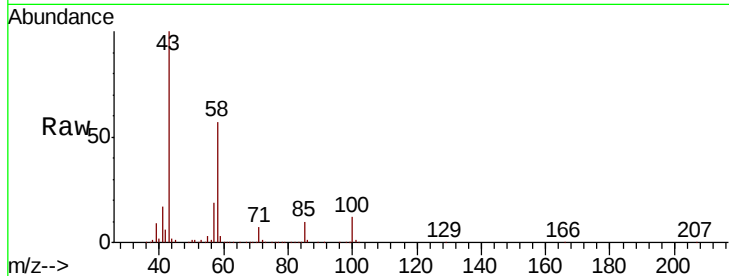




#59
2-Hexanone
Concen: 271.917 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

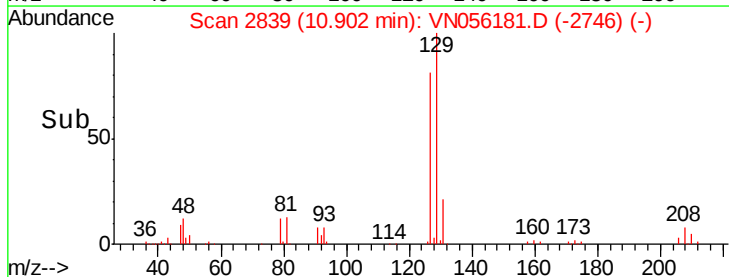
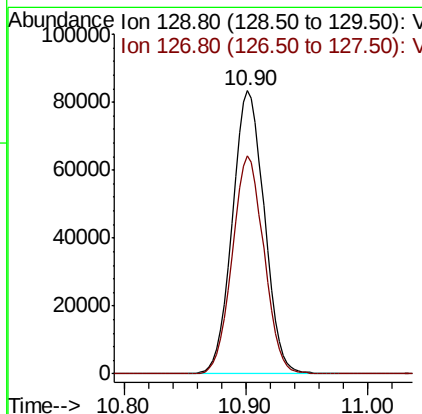
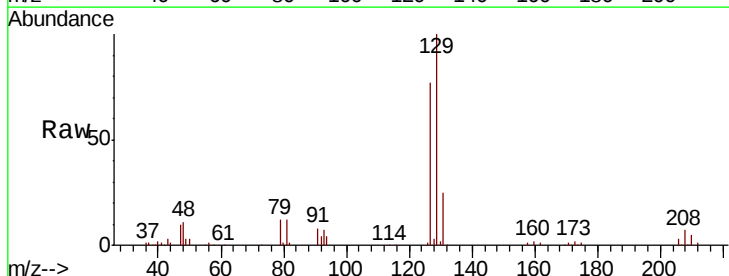
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 625718
Ion Ratio Lower Upper
43 100
58 57.0 28.2 84.7



#60
Dibromochloromethane
Concen: 52.051 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 129 Resp: 151644
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.705 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

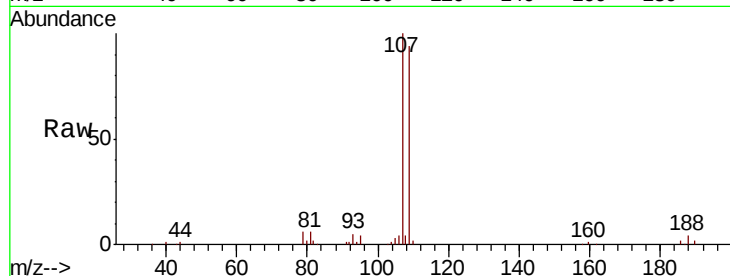
ClientSampleId :

Tot Ion:107 Resp: 147429

Ion Ratio Lower Upper

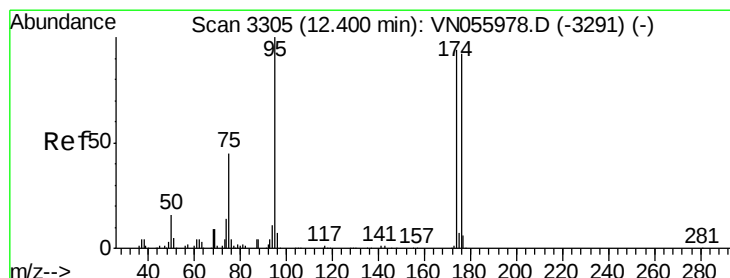
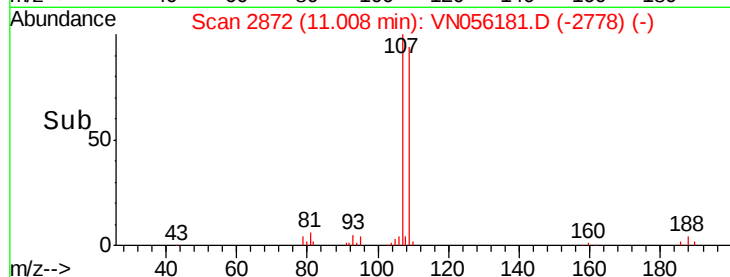
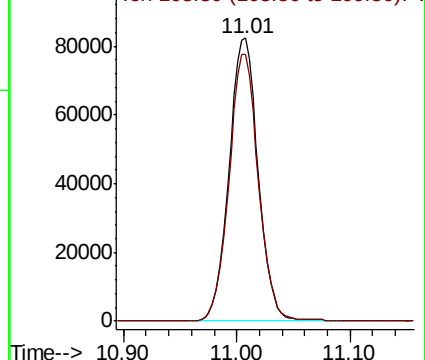
107 100

109 95.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.469 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

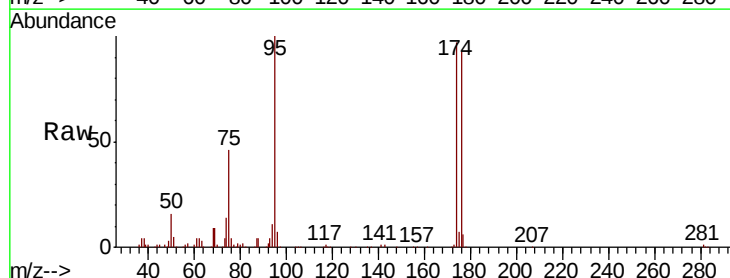
Tgt Ion: 95 Resp: 162650

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

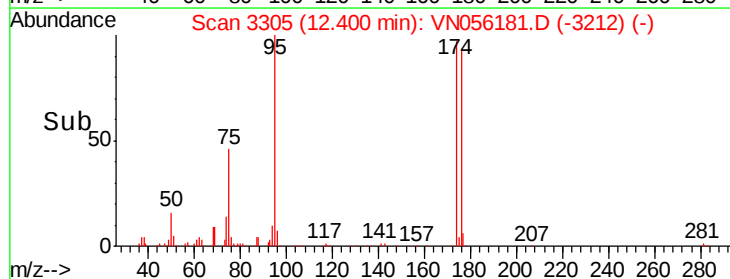
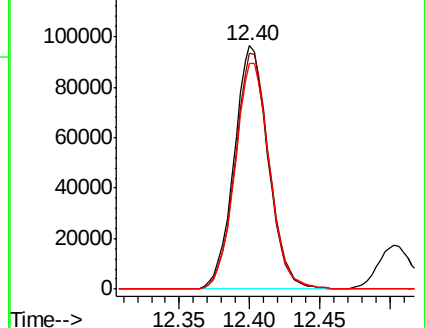
176 94.3 0.0 185.2

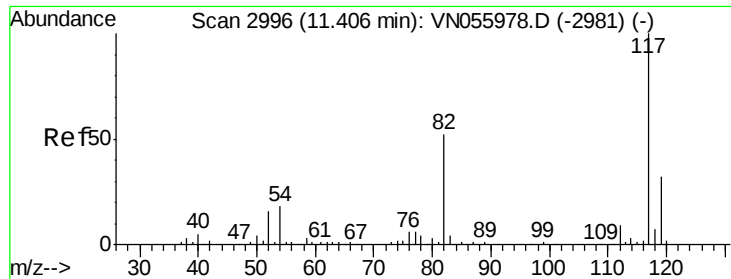


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

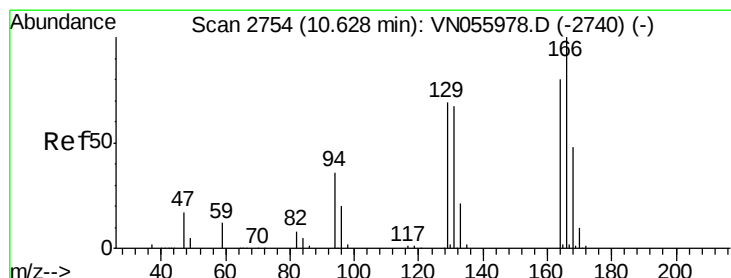
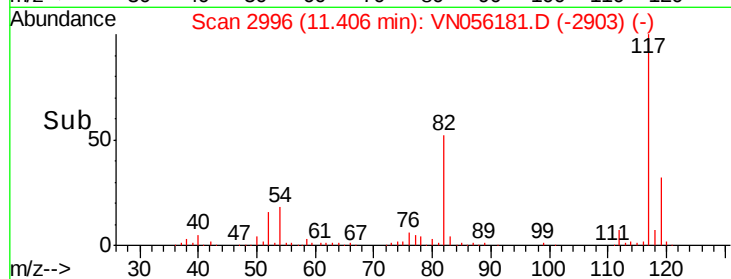
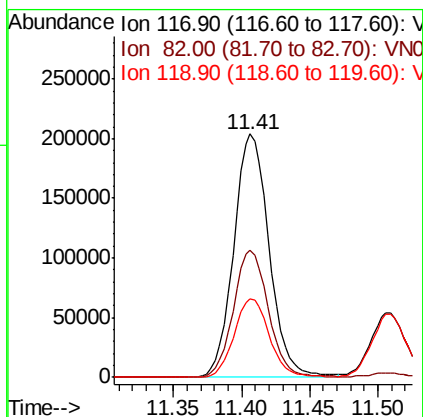
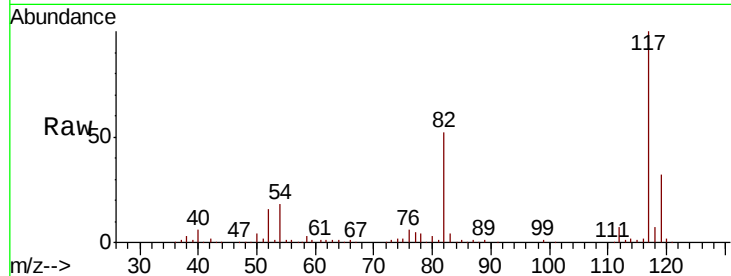




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

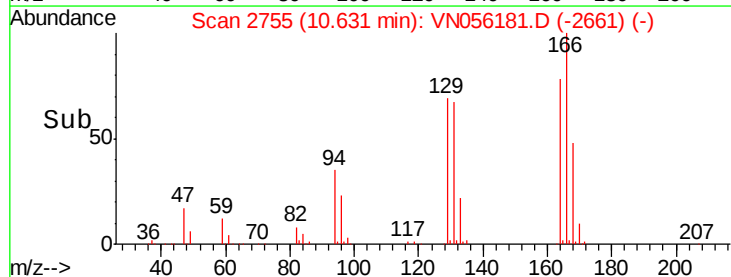
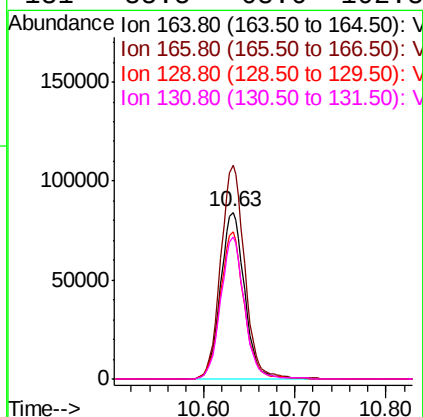
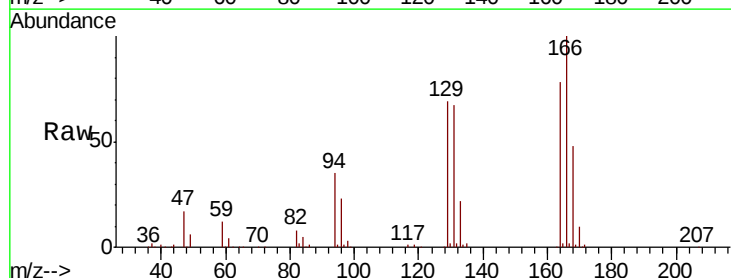
Instrument :
MSVOA_N
ClientSampleId :

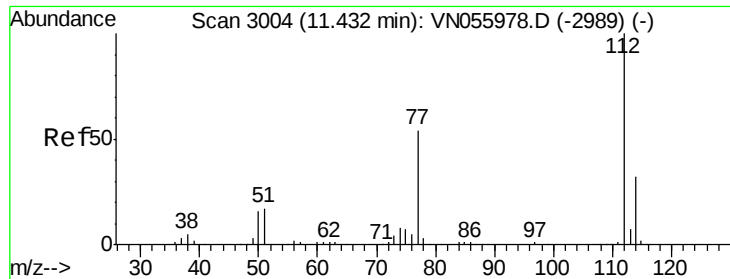
Tot Ion:117 Resp: 368025
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 48.633 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:164 Resp: 154928
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 88.1 70.6 105.8
131 85.5 68.6 102.8

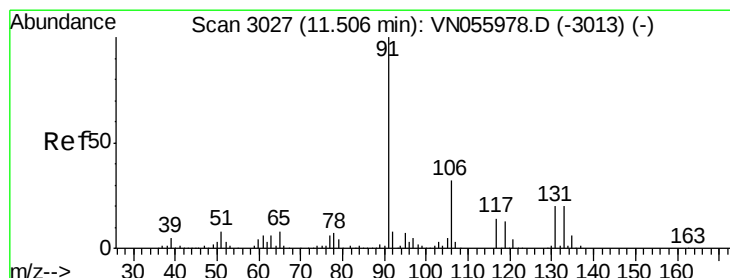
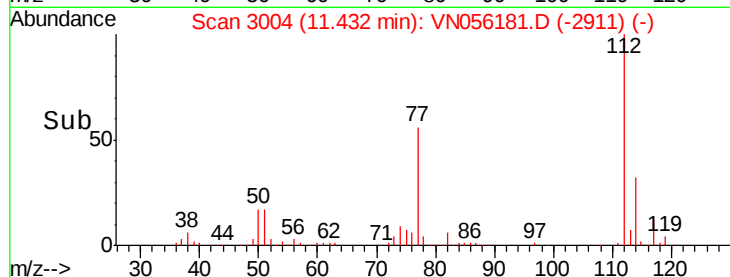
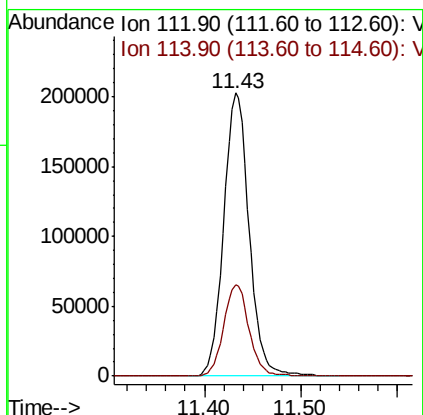
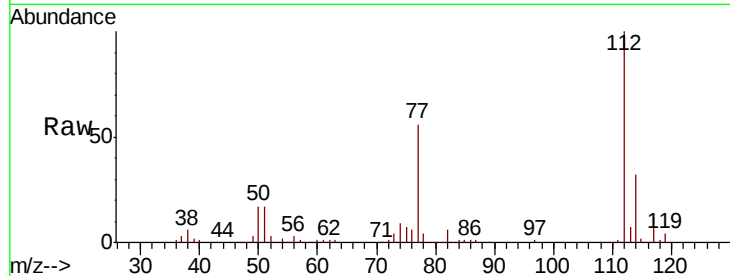




#65
Chlorobenzene
Concen: 50.473 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

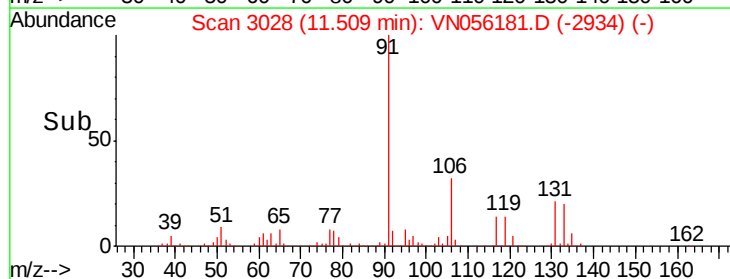
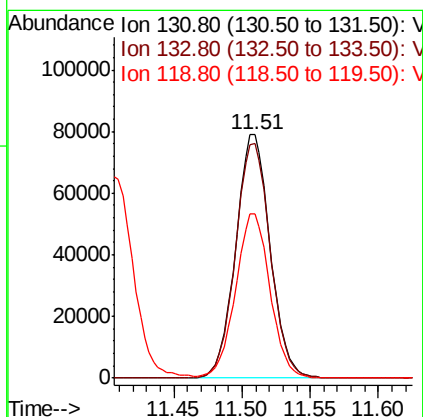
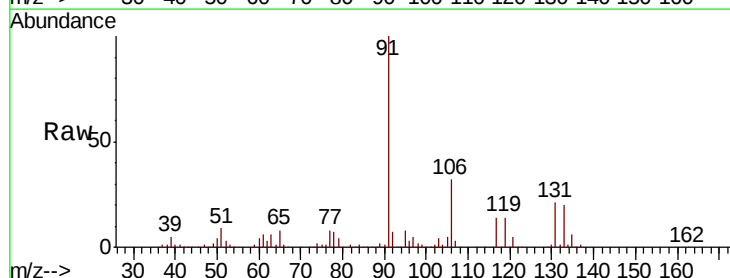
Instrument :
MSVOA_N
ClientSampled :

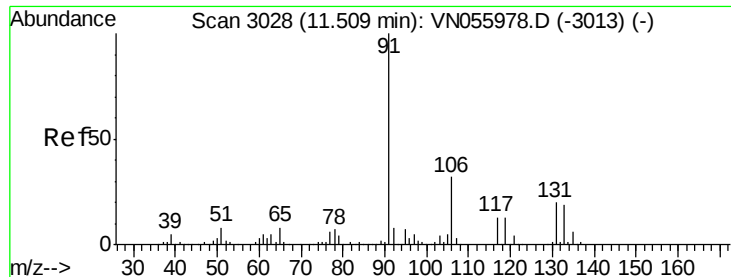
Tot Ion:112 Resp: 369689
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:131 Resp: 138296
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 67.7 33.1 99.5





#67

Ethyl Benzene

Concen: 50.315 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

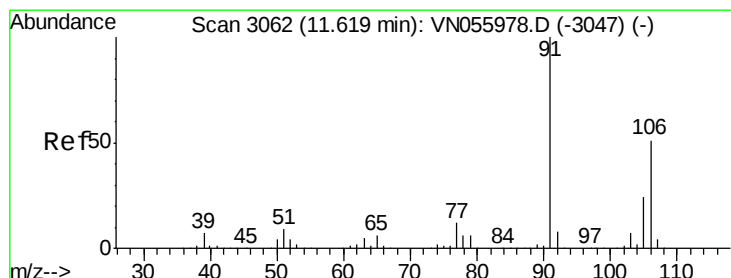
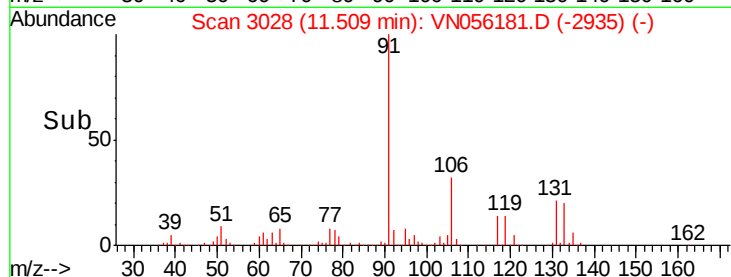
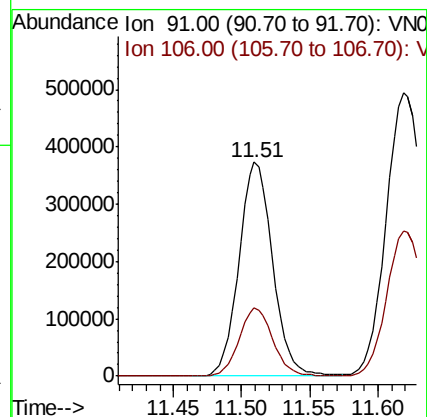
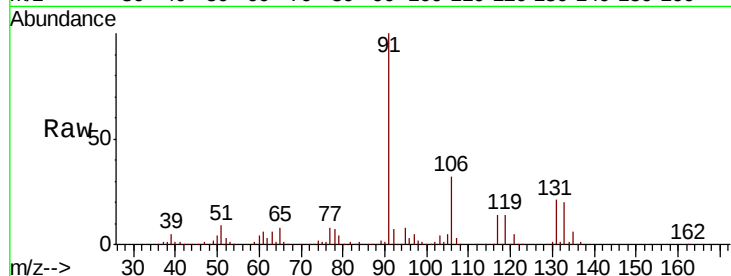
ClientSampleId :

Tot Ion: 91 Resp: 640810

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 101.146 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN056181.D

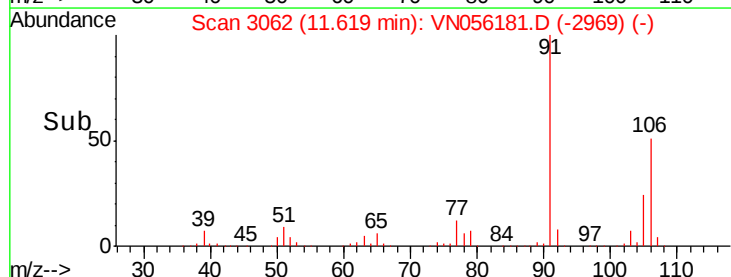
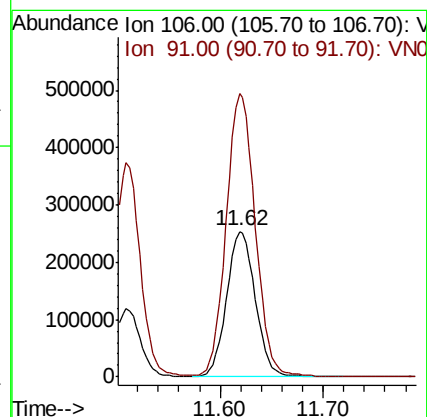
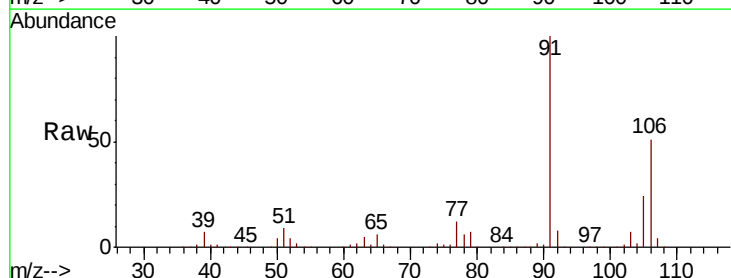
Acq: 10 Jun 2019 19:59

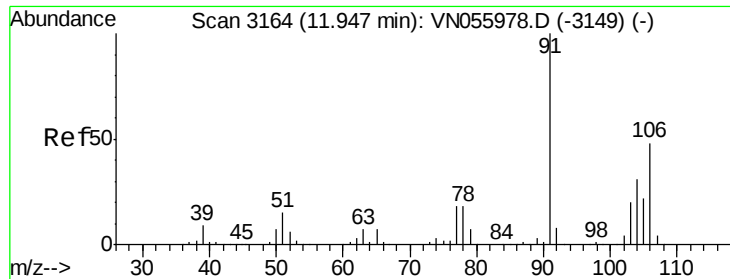
Tgt Ion: 106 Resp: 492106

Ion Ratio Lower Upper

106 100

91 197.0 159.3 238.9

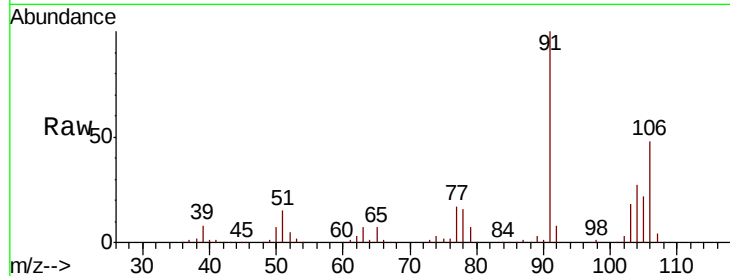




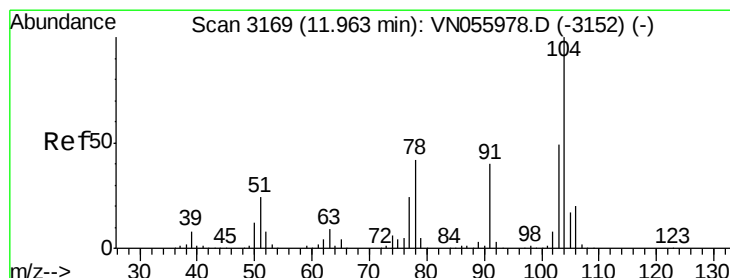
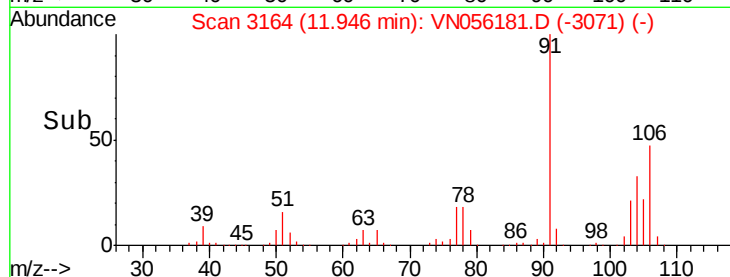
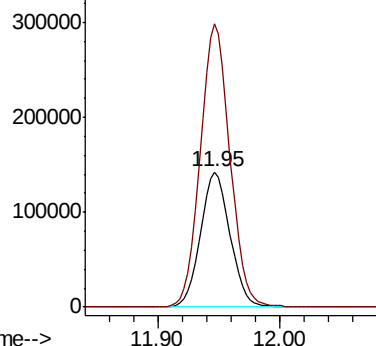
#69
o-Xylene
Concen: 50.230 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 240390
Ion Ratio Lower Upper
106 100
91 210.1 104.7 314.1

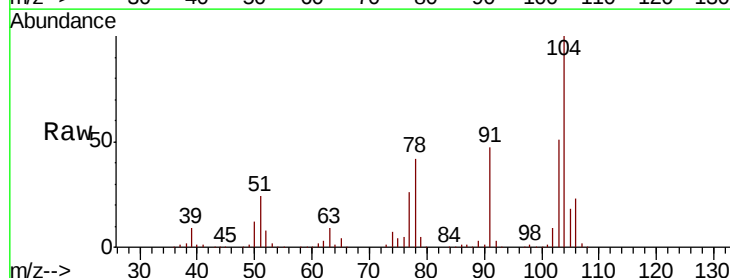


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

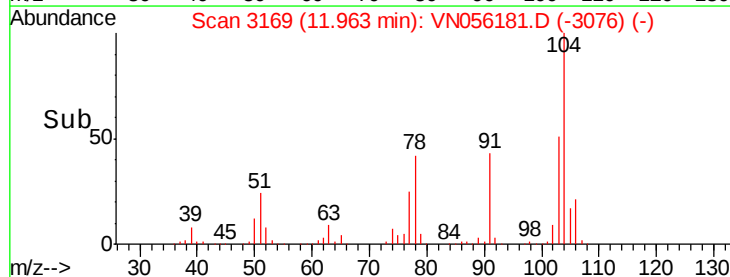
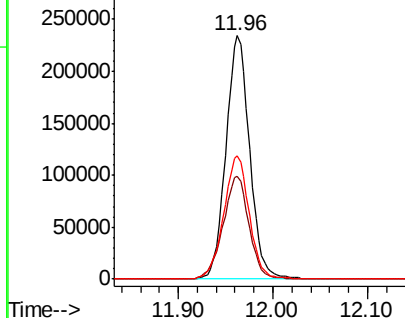


#70
Styrene
Concen: 53.521 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:104 Resp: 406973
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 54.6 44.2 66.2



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

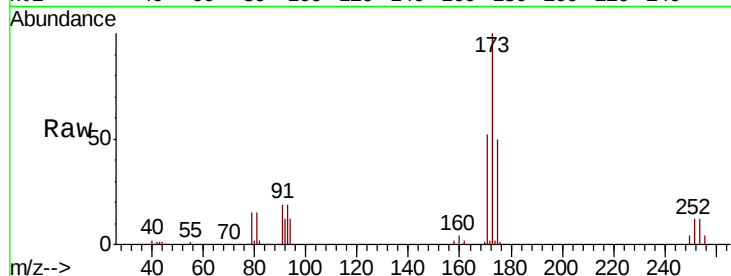




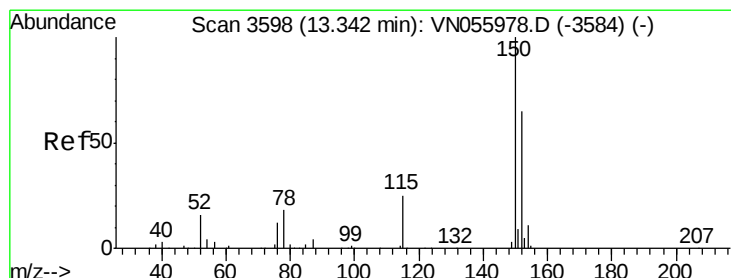
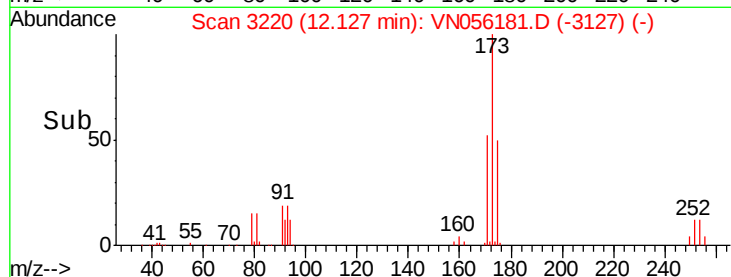
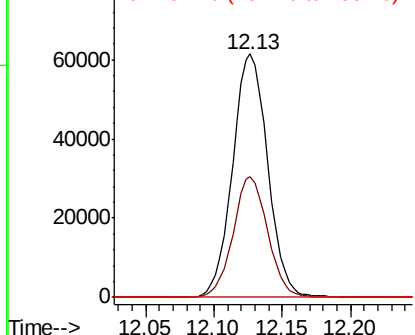
#71
Bromoform
Concen: 51.621 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 109805
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0

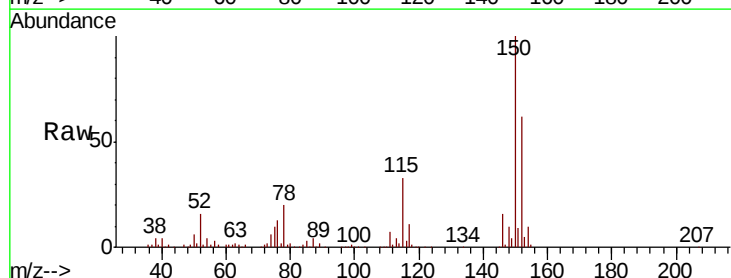


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

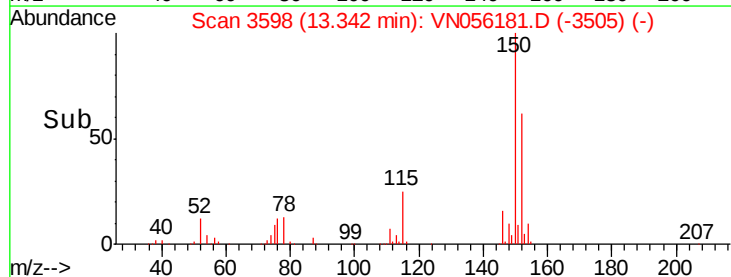
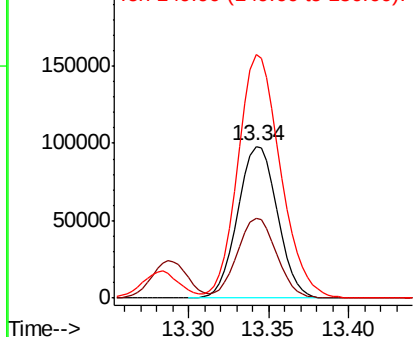


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion:152 Resp: 165908
Ion Ratio Lower Upper
152 100
115 52.0 27.0 81.0
150 172.4 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: 53.439 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

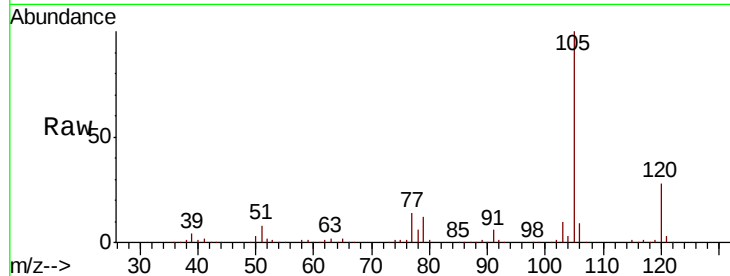
ClientSampled :

Tot Ion:105 Resp: 629996

Ion Ratio Lower Upper

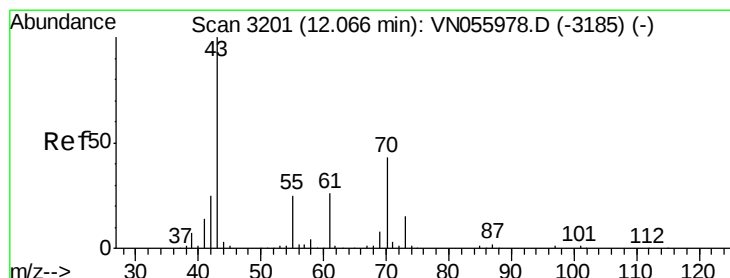
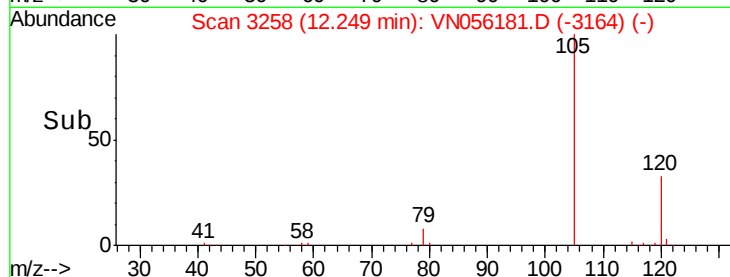
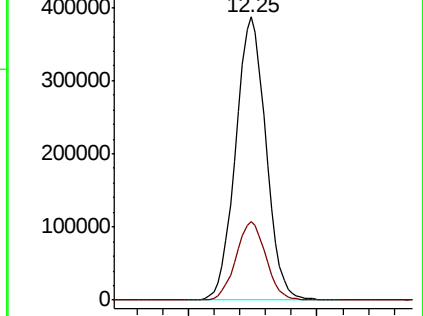
105 100

120 27.5 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: 51.195 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Tgt Ion: 43 Resp: 226413

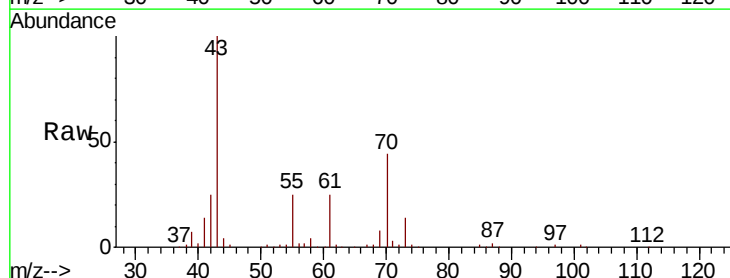
Ion Ratio Lower Upper

43 100

70 43.5 34.0 51.0

55 25.6 18.6 28.0

61 24.9 20.0 30.0

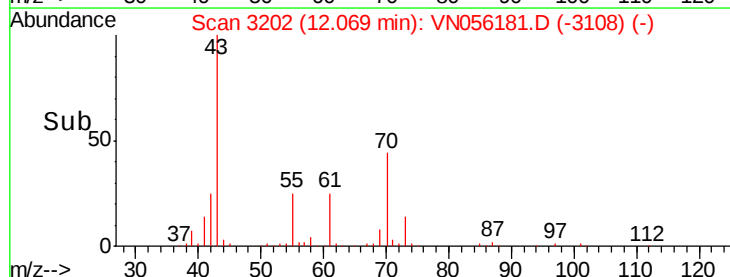
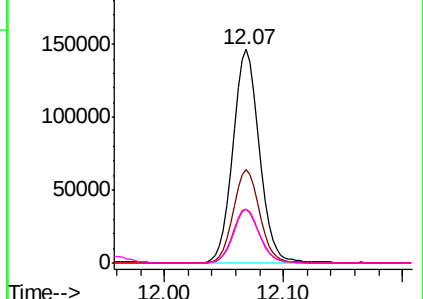


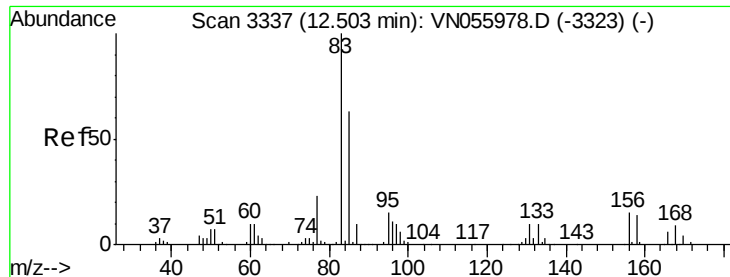
Abundance Ion 43.00 (42.70 to 43.70): V

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: 51.191 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

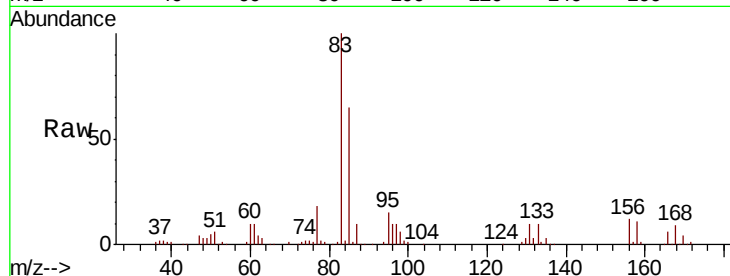
Tot Ion: 83 Resp: 197159

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

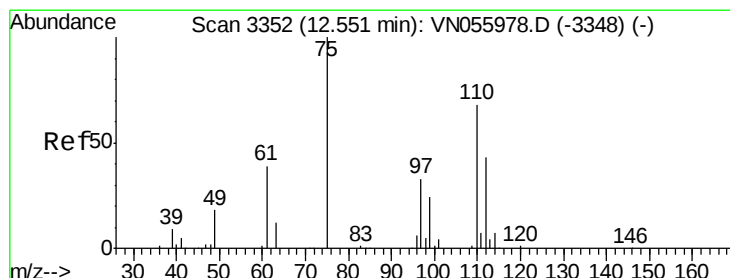
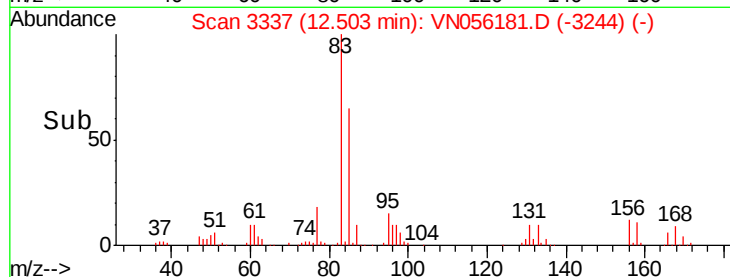
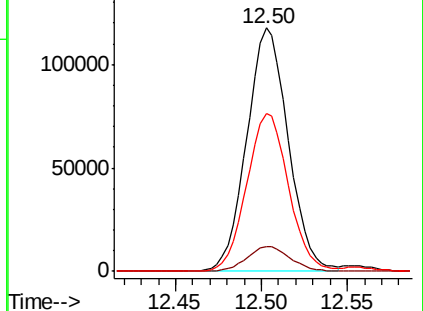
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 74.574 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056181.D

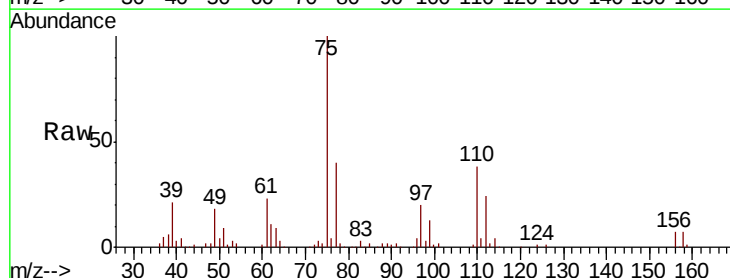
Acq: 10 Jun 2019 19:59

Tgt Ion: 75 Resp: 227659

Ion Ratio Lower Upper

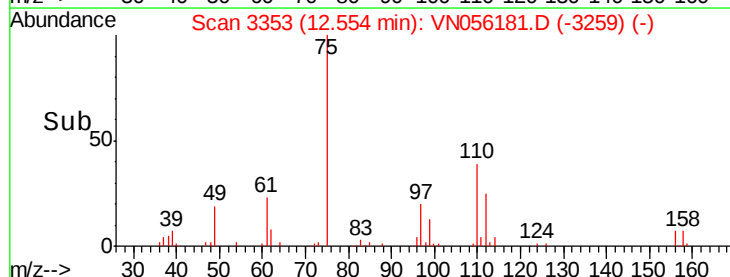
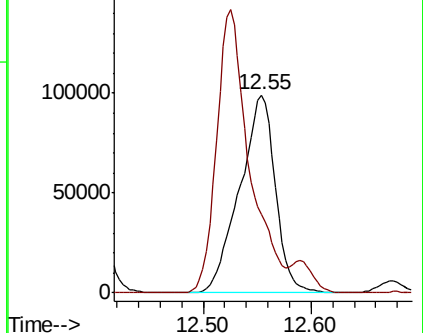
75 100

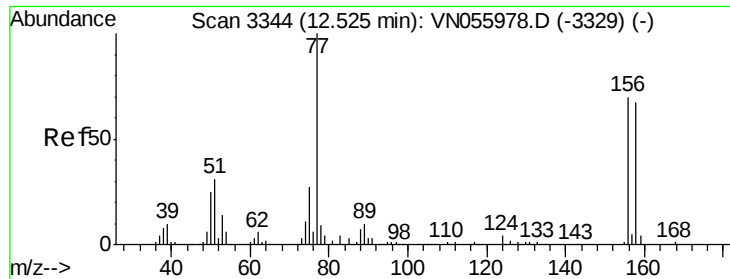
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)

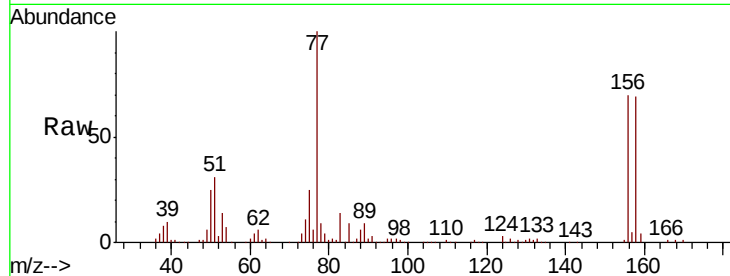




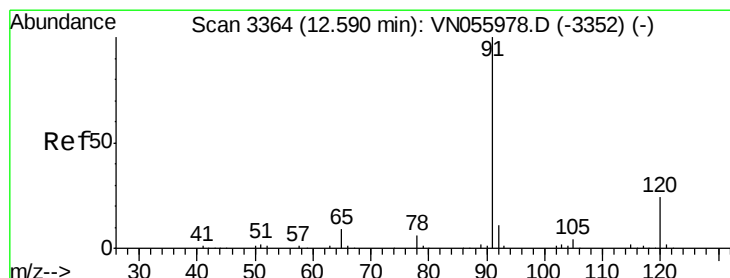
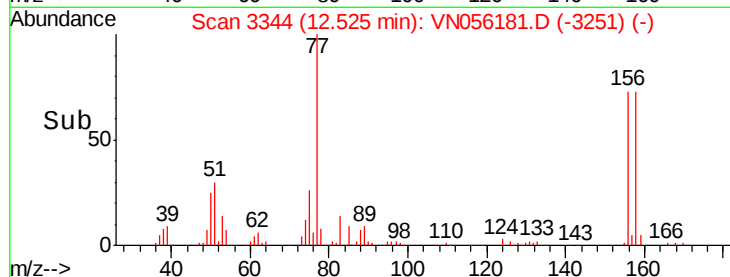
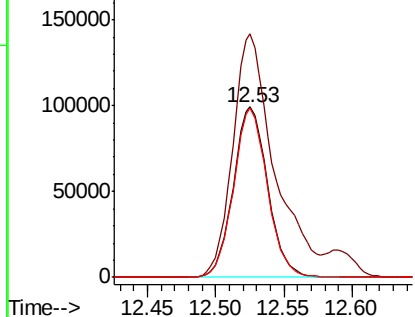
#77
Bromobenzene
Concen: 48.778 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 173263
Ion Ratio Lower Upper
156 100
77 173.3 90.8 272.5
158 97.7 49.3 147.8

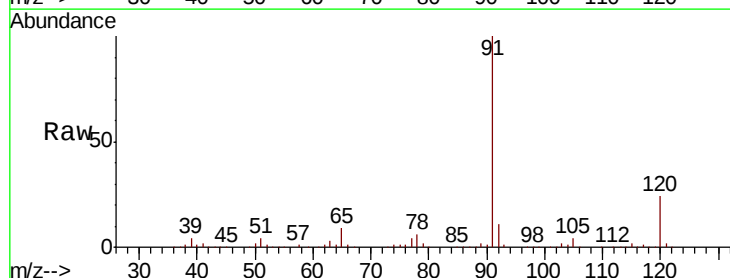


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

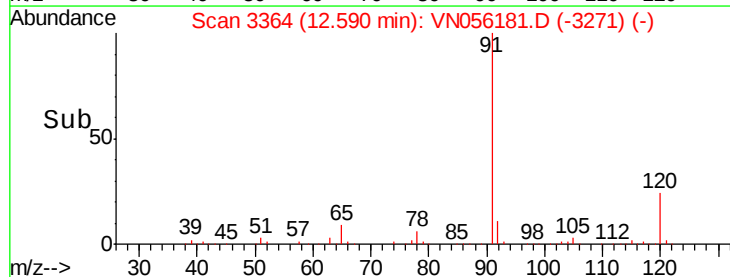
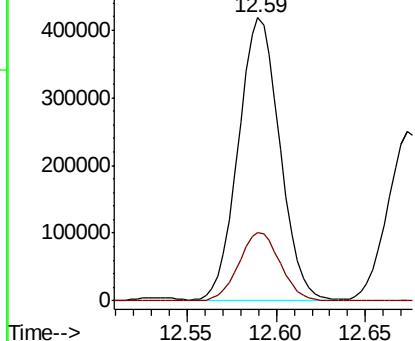


#78
n-propylbenzene
Concen: 48.126 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion: 91 Resp: 675489
Ion Ratio Lower Upper
91 100
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.237 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

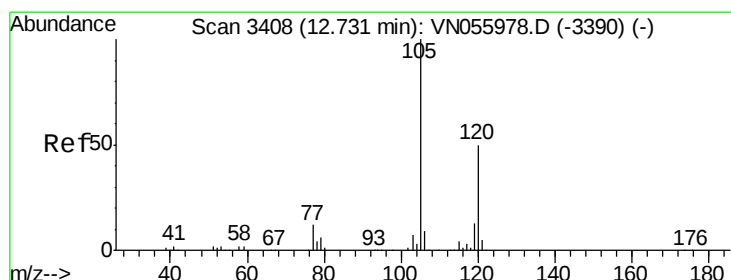
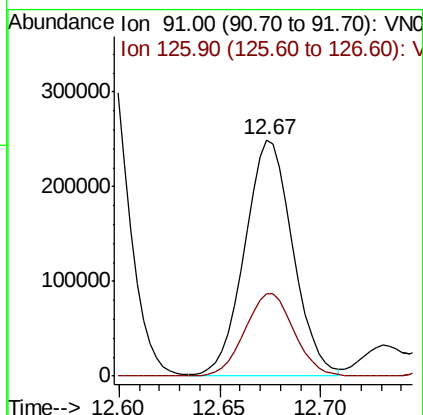
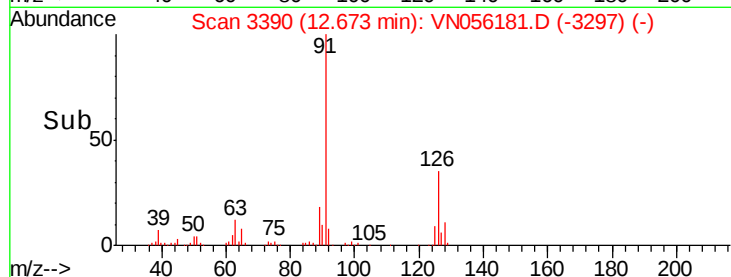
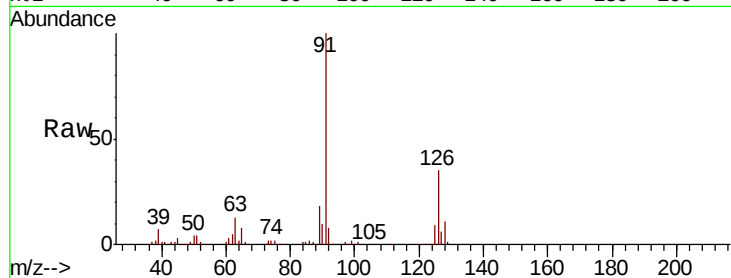
ClientSampled :

Tot Ion: 91 Resp: 413291

Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.557 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056181.D

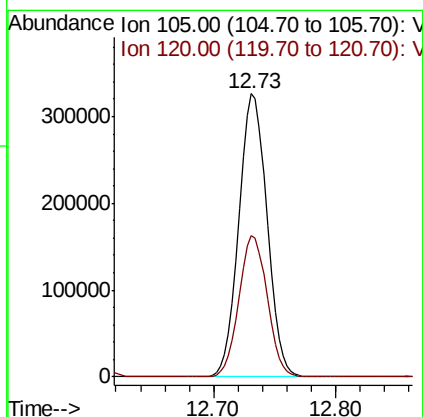
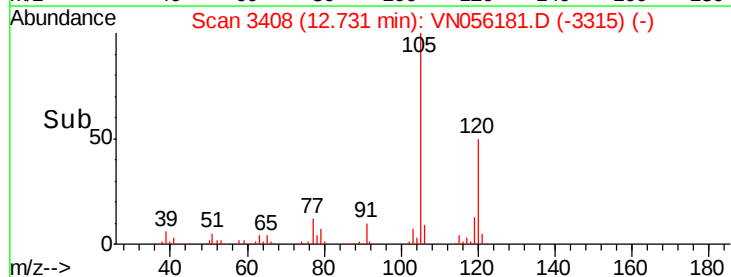
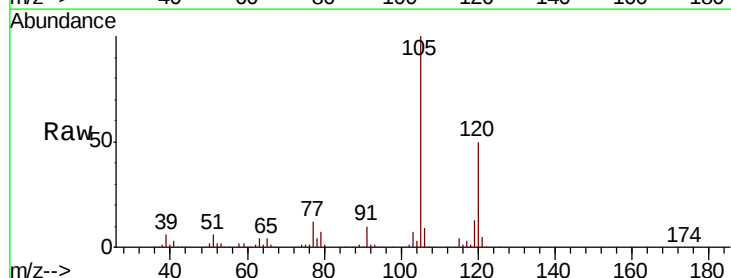
Acq: 10 Jun 2019 19:59

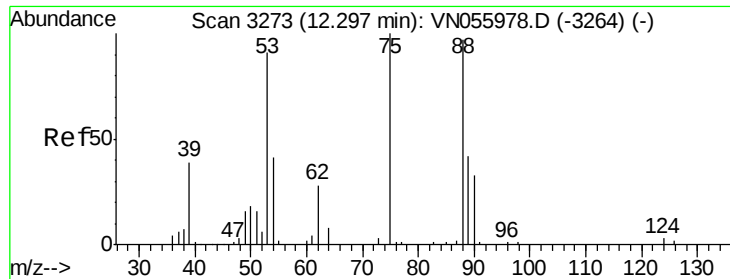
Tgt Ion: 105 Resp: 519345

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.594 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

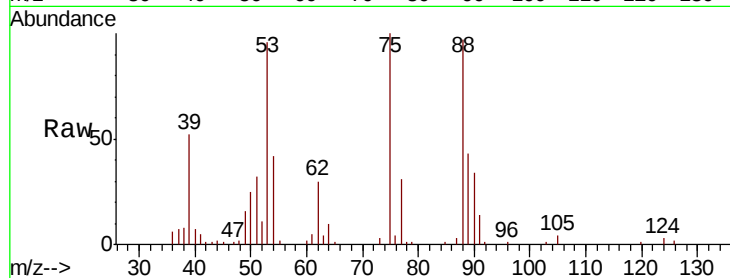
Tot Ion: 75 Resp: 47296

Ion Ratio Lower Upper

75 100

53 98.8 68.1 102.1

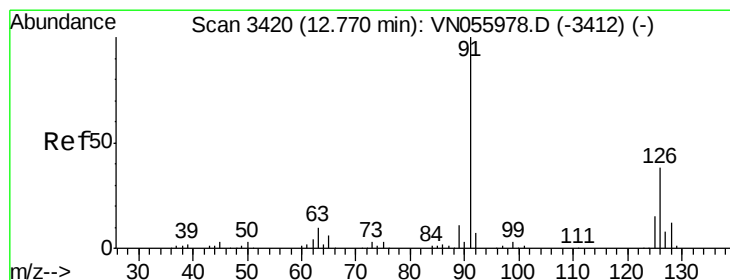
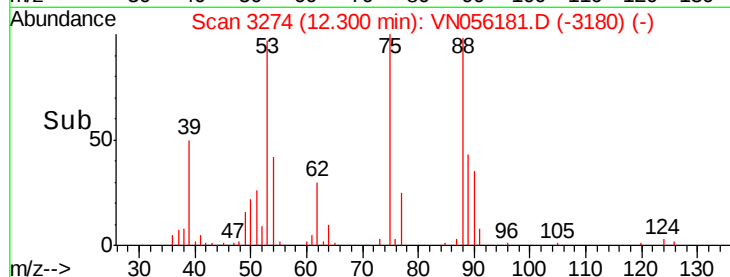
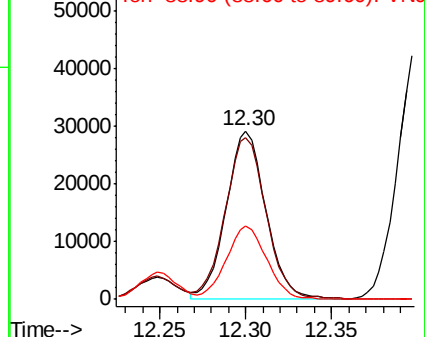
89 44.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.740 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056181.D

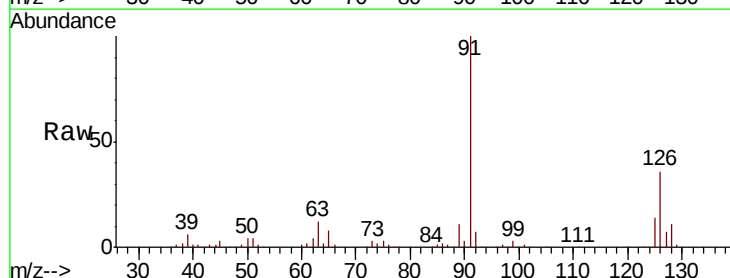
Acq: 10 Jun 2019 19:59

Tgt Ion: 91 Resp: 400231

Ion Ratio Lower Upper

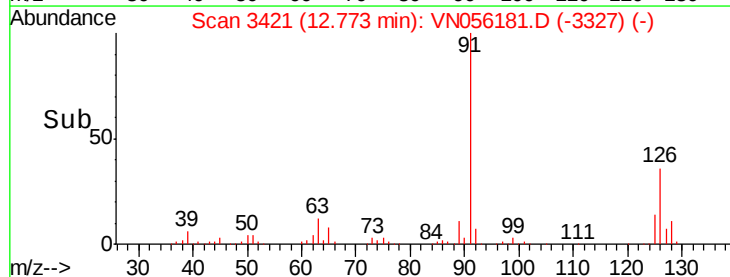
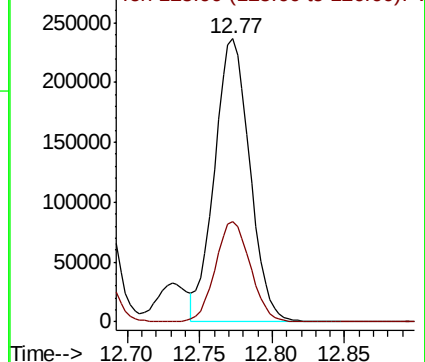
91 100

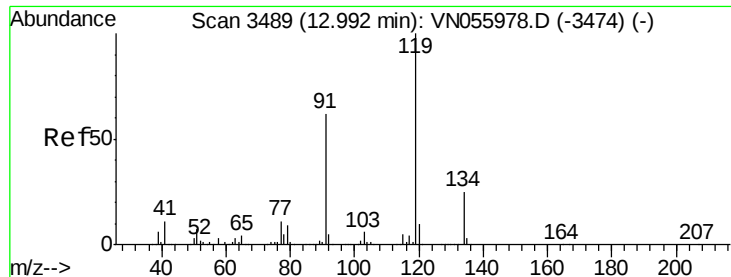
126 35.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

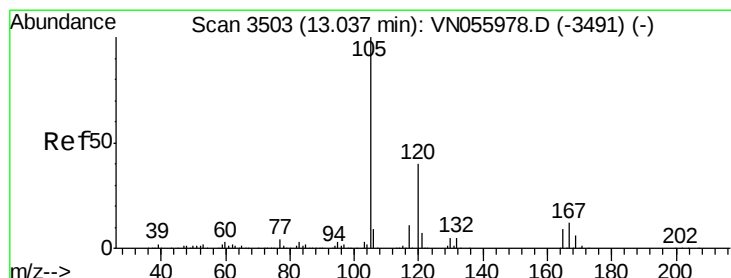
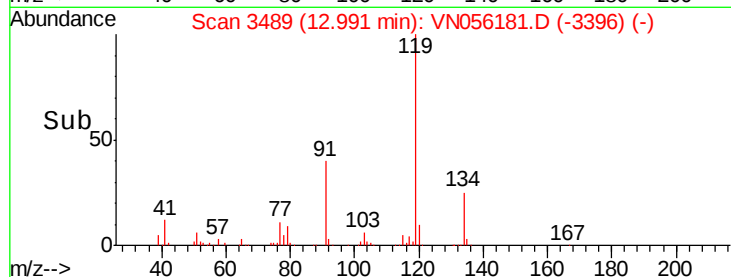
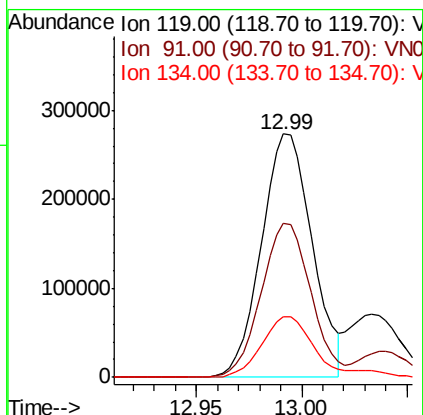
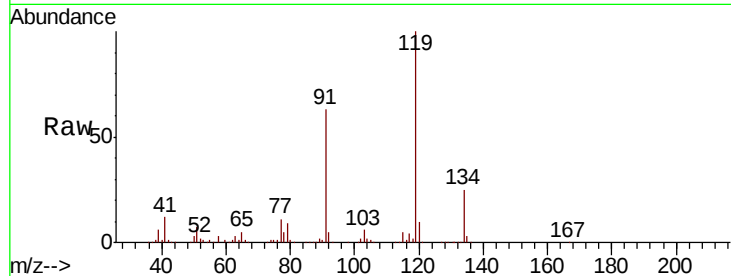




#83
tert-Butylbenzene
Concen: 53.122 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

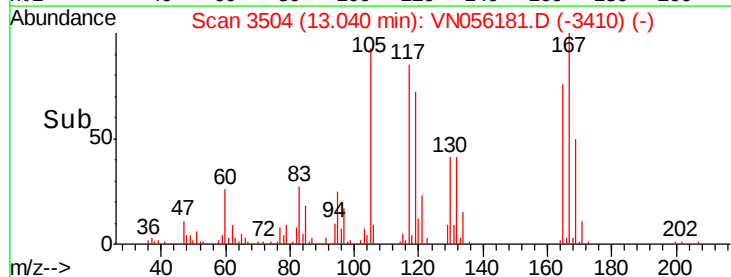
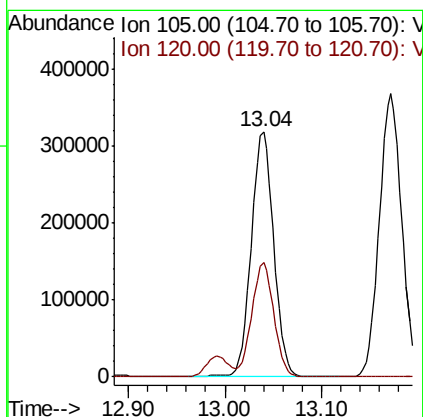
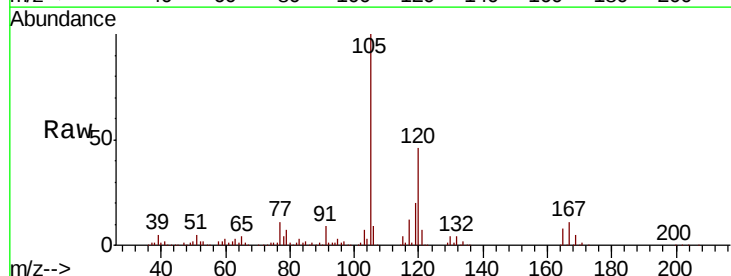
Instrument :
MSVOA_N
ClientSampled :

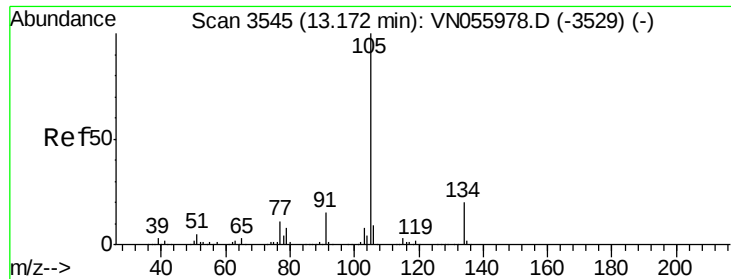
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.9	92.8
134	27.0	13.3	39.8



#84
1,2,4-Trimethylbenzene
Concen: 48.667 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056181.D
Acq: 10 Jun 2019 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

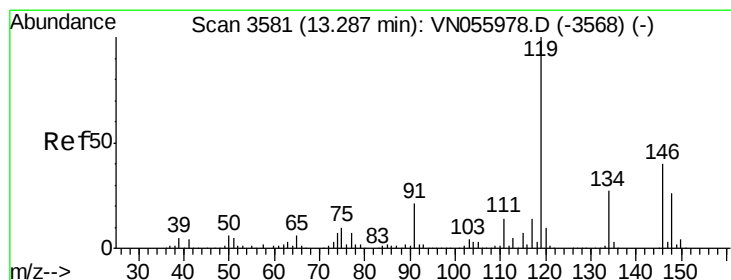
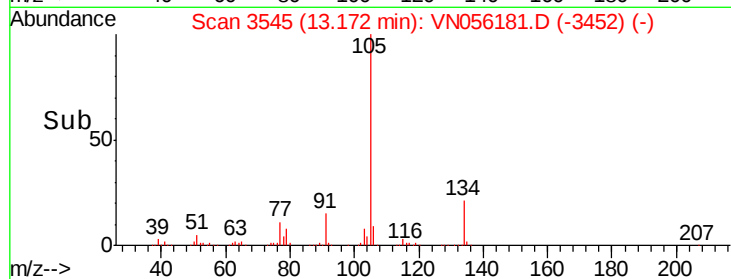
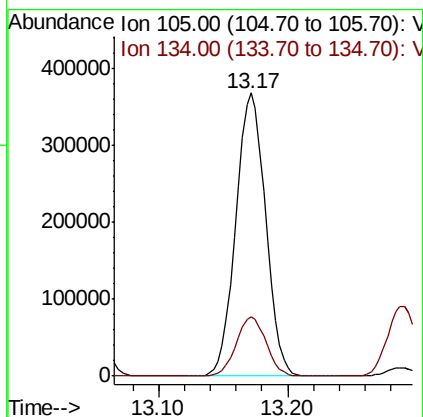
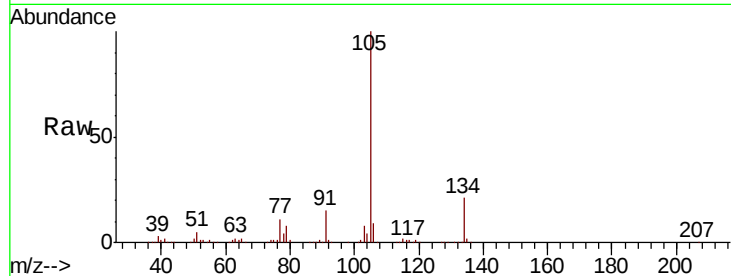




#85
 sec-Butylbenzene
 Concen: 47.588 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

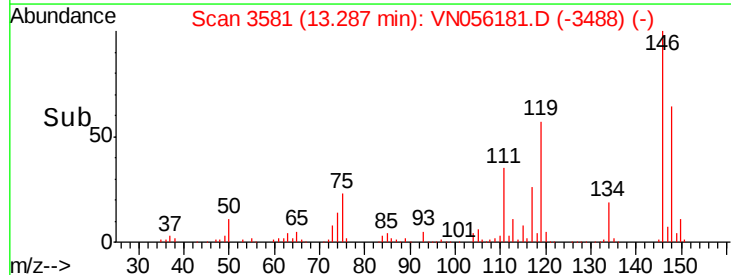
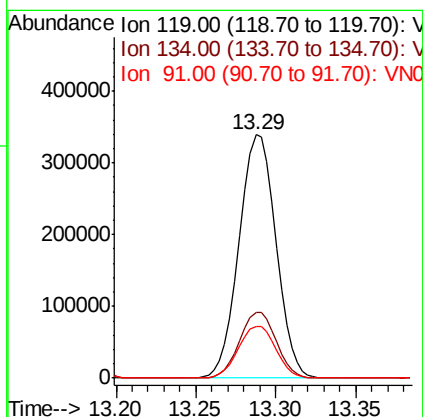
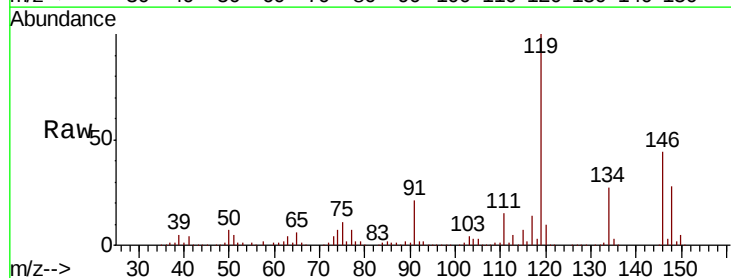
Instrument :
 MSVOA_N
 ClientSampleId :

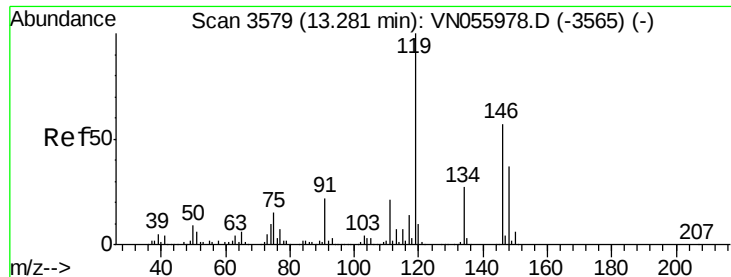
Tot Ion:105 Resp: 591518
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 47.915 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion:119 Resp: 533021
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 50.197 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

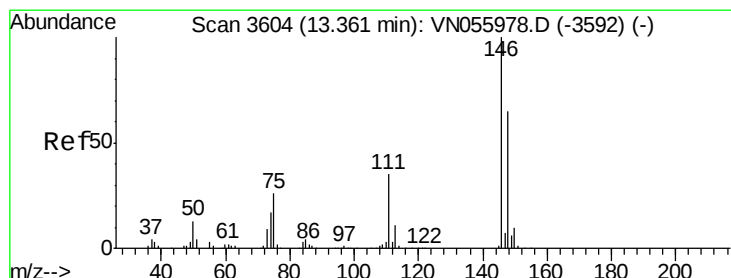
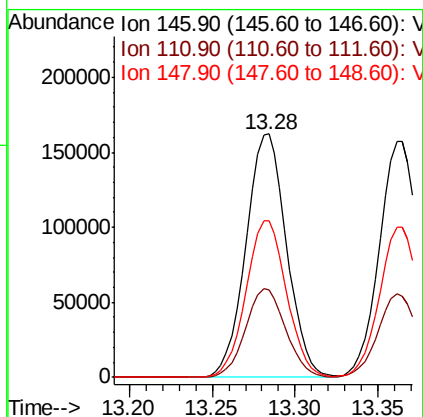
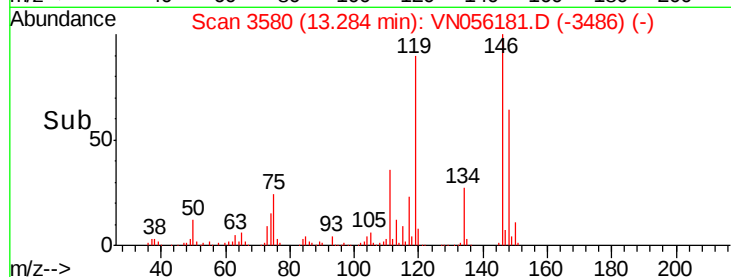
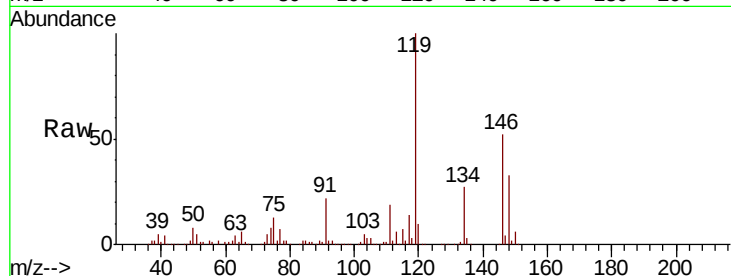
Tot Ion:146 Resp: 275962

Ion Ratio Lower Upper

146 100

111 36.0 18.5 55.5

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.779 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

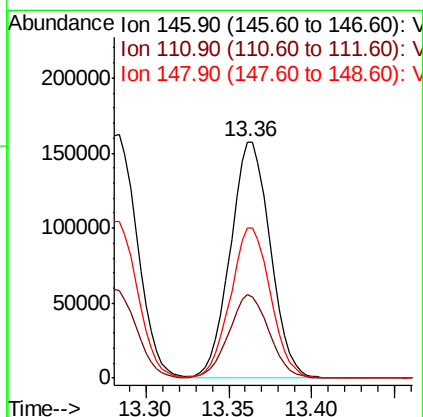
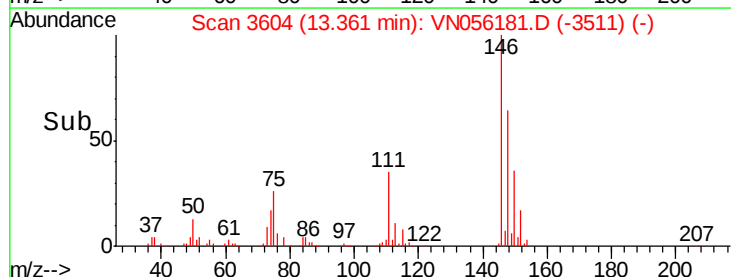
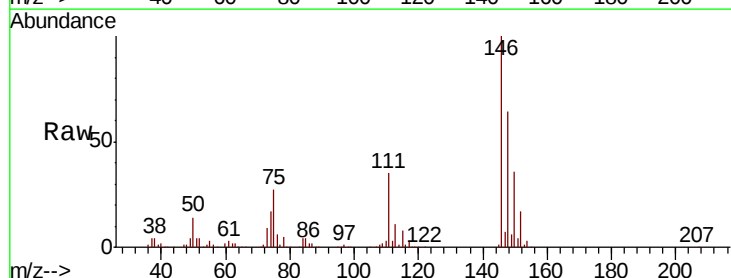
Tgt Ion:146 Resp: 263249

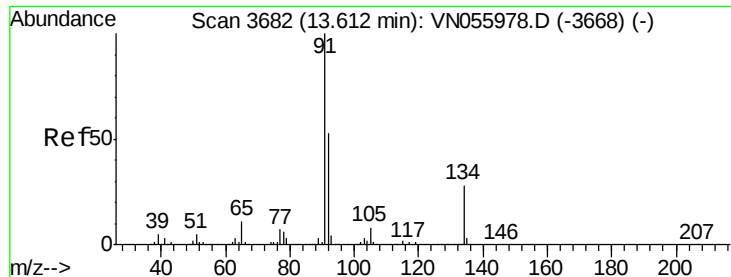
Ion Ratio Lower Upper

146 100

111 35.8 18.1 54.4

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 48.092 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

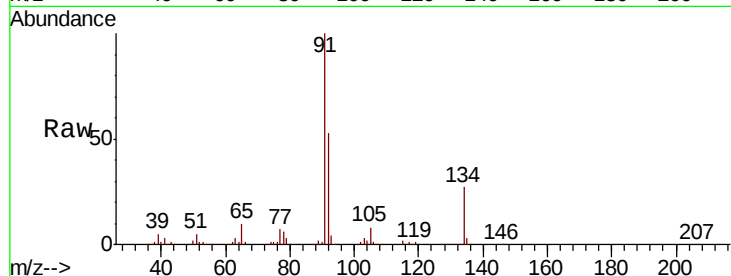
Tot Ion: 91 Resp: 396310

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.0

134 27.7 13.9 41.7

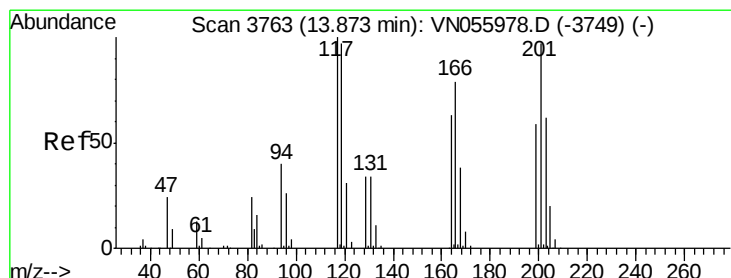
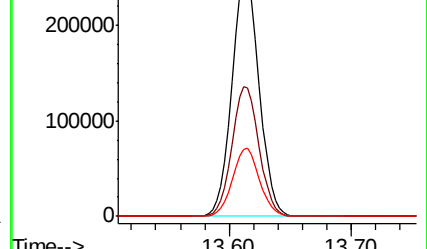
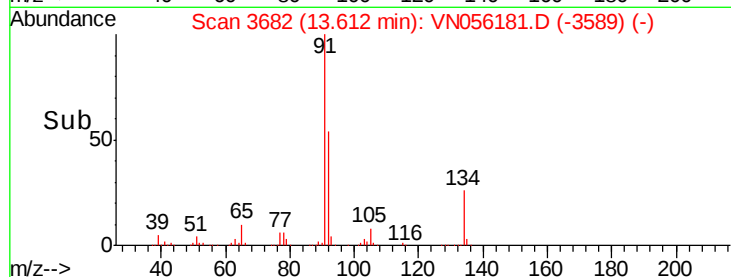


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 52.115 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056181.D

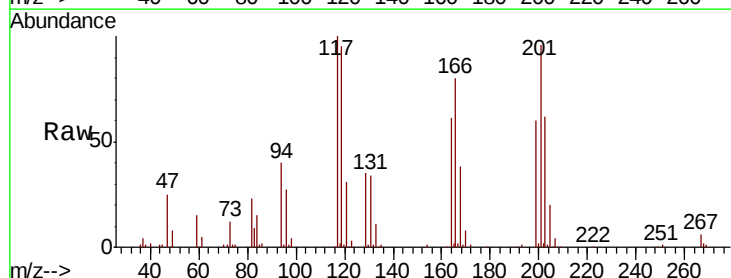
Acq: 10 Jun 2019 19:59

Tgt Ion: 117 Resp: 87431

Ion Ratio Lower Upper

117 100

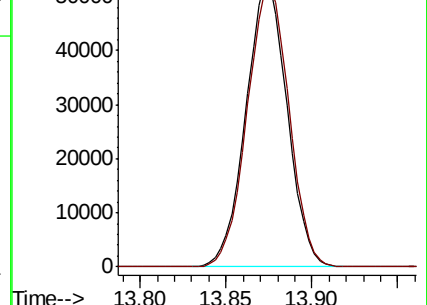
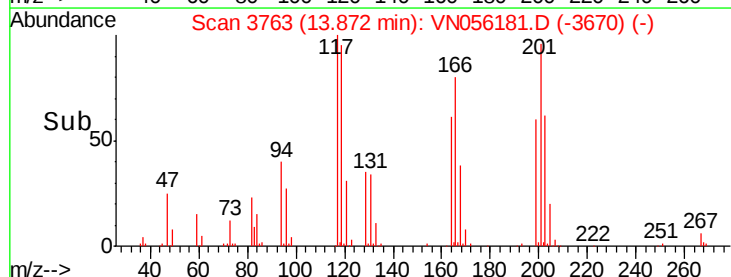
201 100.0 50.0 150.0

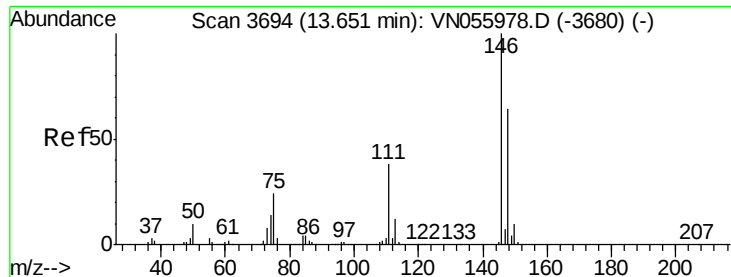


Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.553 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampleId :

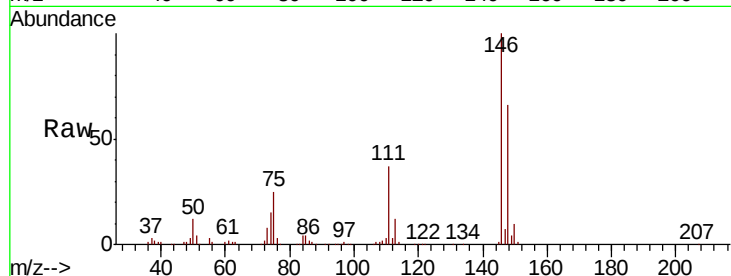
Tot Ion:146 Resp: 275037

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.5

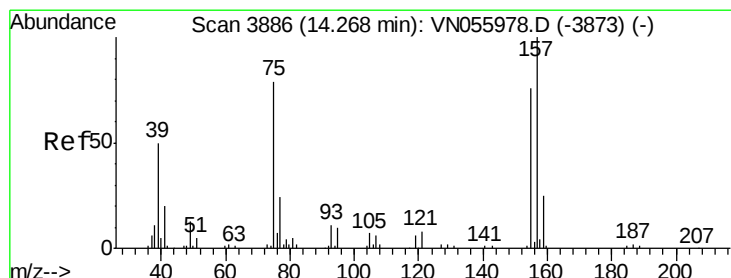
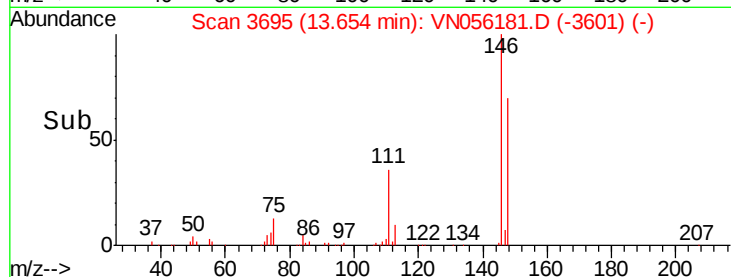
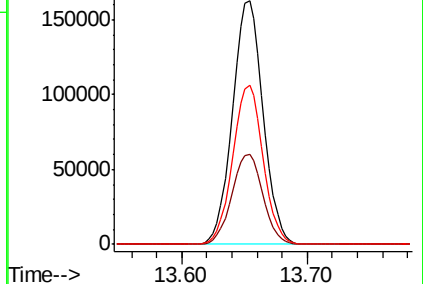
148 64.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.019 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

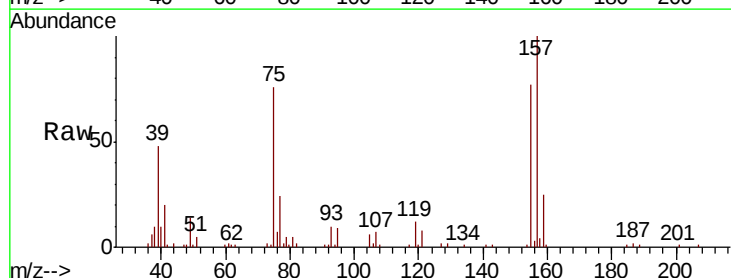
Tgt Ion: 75 Resp: 32512

Ion Ratio Lower Upper

75 100

155 101.8 50.0 150.1

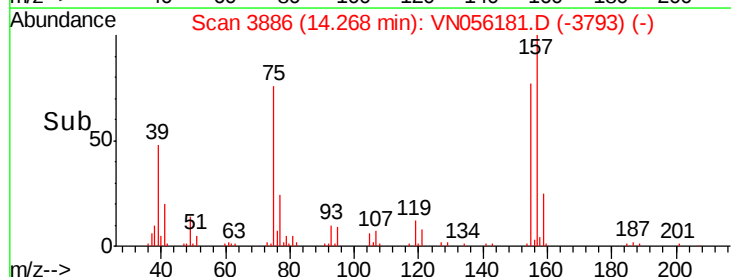
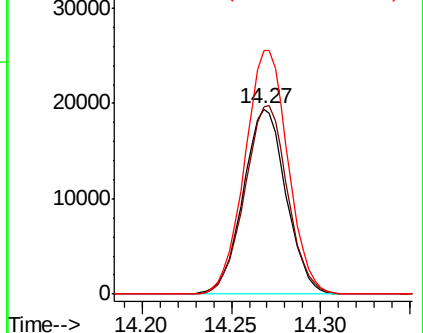
157 132.8 64.8 194.3

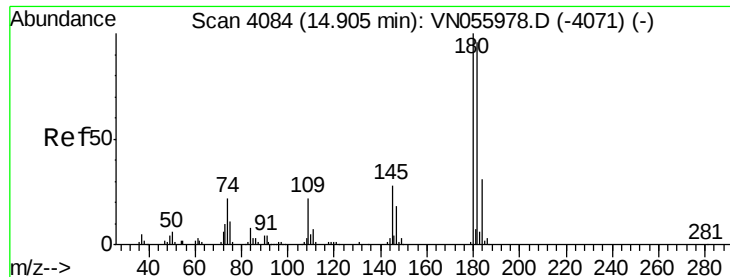


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

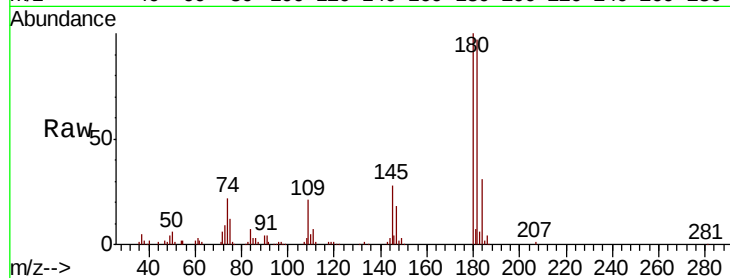




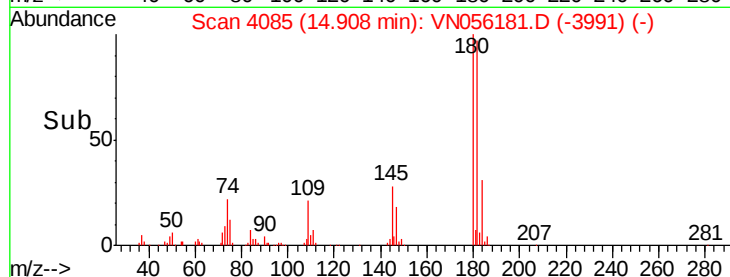
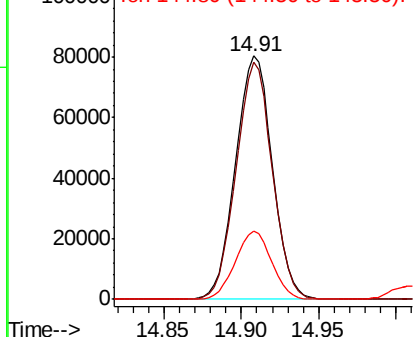
#93
 1,2,4-Trichlorobenzene
 Concen: 43.999 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 132861
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.3 144.9
 145 27.7 14.0 41.9

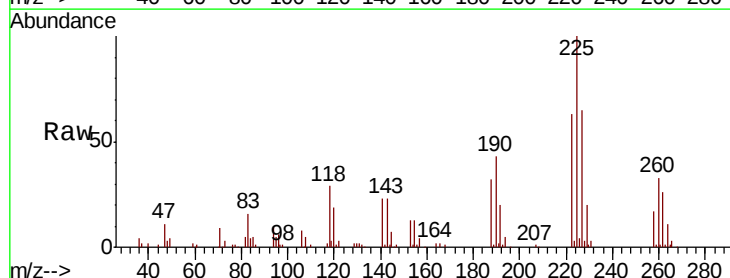


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

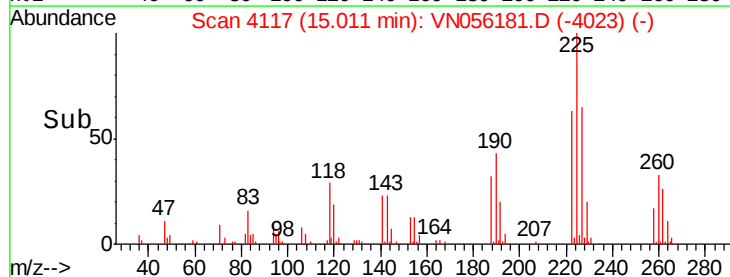
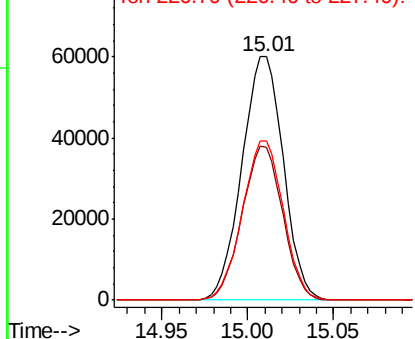


#94
 Hexachlorobutadiene
 Concen: 52.810 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056181.D
 Acq: 10 Jun 2019 19:59

Tgt Ion:225 Resp: 100309
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 64.7 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: 46.357 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

Instrument :

MSVOA_N

ClientSampled :

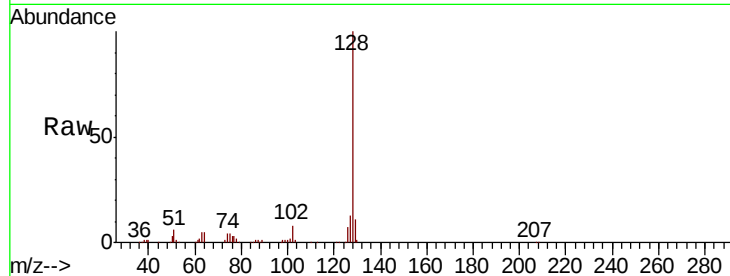
Tot Ion:128 Resp: 365447

Ion Ratio Lower Upper

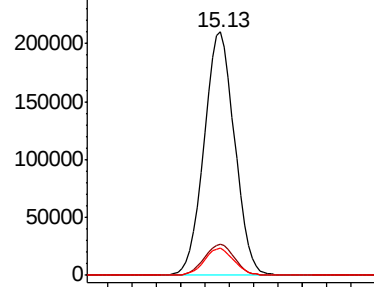
128 100

127 12.8 10.3 15.5

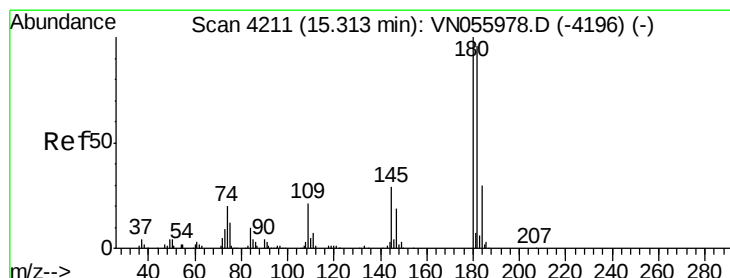
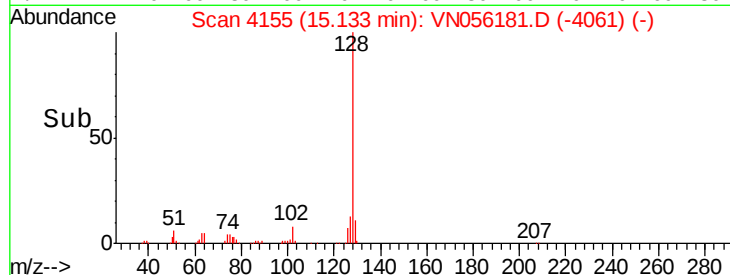
129 10.9 8.7 13.1



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



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 47.925 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056181.D

Acq: 10 Jun 2019 19:59

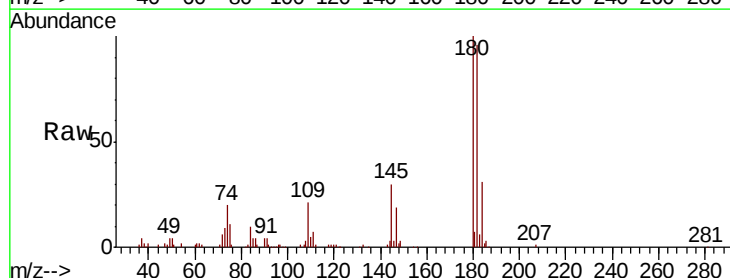
Tgt Ion:180 Resp: 148969

Ion Ratio Lower Upper

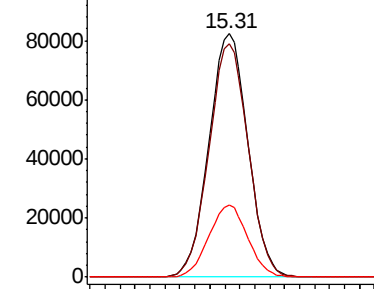
180 100

182 96.4 47.9 143.7

145 29.6 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



Time-->

