

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056151.D
 Acq On : 8 Jun 2019 14:07
 Operator : JC/SP
 Sample : K3225-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 01:26:16 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	266601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	405708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	364606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	155010	58.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.12%	
35) Dibromofluoromethane	7.59	113	138980	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.09	98	494974	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.40	95	170016	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	132822	45.382	ug/l	98
3) Chloromethane	2.06	50	166837	57.730	ug/l	99
4) Vinyl Chloride	2.18	62	155098	53.502	ug/l	99
5) Bromomethane	2.54	94	93346	50.975	ug/l	100
6) Chloroethane	2.69	64	90184	53.656	ug/l	99
7) Trichlorofluoromethane	3.00	101	176371	47.658	ug/l	98
8) Diethyl Ether	3.40	74	81423	53.501	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	101007	44.931	ug/l	100
10) Methyl Iodide	3.94	142	178098	49.853	ug/l	98
11) Tert butyl alcohol	4.82	59	114231	247.974	ug/l	100
12) 1,1-Dichloroethene	3.72	96	115115	51.435	ug/l	99
13) Acrolein	3.60	56	34140	256.968	ug/l	97
14) Allyl chloride	4.31	41	177748	50.296	ug/l	96
15) Acrylonitrile	4.99	53	350801	312.833	ug/l	99
16) Acetone	3.82	43	277709	219.353	ug/l	99
17) Carbon Disulfide	4.04	76	246674	46.032	ug/l	99
18) Methyl Acetate	4.33	43	118989	47.822	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	405870	56.893	ug/l	99
20) Methylene Chloride	4.54	84	145735	55.873	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	126650	52.815	ug/l	97
22) Diisopropyl ether	5.96	45	410255	56.158	ug/l	95
23) Vinyl Acetate	5.90	43	1082908	188.234	ug/l	100
24) 1,1-Dichloroethane	5.84	63	236180	56.046	ug/l	99
25) 2-Butanone	6.84	43	440625	275.460	ug/l	99
26) 2,2-Dichloropropane	6.82	77	68335	20.781	ug/l	88
27) cis-1,2-Dichloroethene	6.83	96	157107	55.736	ug/l	93
28) Bromochloromethane	7.19	49	120239	60.336	ug/l	100
29) Tetrahydrofuran	7.22	42	295833	299.191	ug/l	99
30) Chloroform	7.37	83	237143	55.941	ug/l	100
31) Cyclohexane	7.65	56	179537	42.743	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	183655	51.880	ug/l	99
36) 1,1-Dichloropropene	7.79	75	161007	46.153	ug/l	100
37) Ethyl Acetate	6.93	43	132428	42.664	ug/l	98
38) Carbon Tetrachloride	7.77	117	147816	45.959	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056151.D
 Acq On : 8 Jun 2019 14:07
 Operator : JC/SP
 Sample : K3225-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 01:26:16 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)
39) Methylcyclohexane	9.08	83	164733	37.907	ug/l	98
40) Benzene	8.04	78	548877	51.803	ug/l	99
41) Methacrylonitrile	7.22	41	261988	183.451	ug/l #	19
42) 1,2-Dichloroethane	8.12	62	178194	52.284	ug/l	99
43) Isopropyl Acetate	8.17	43	221280	43.994	ug/l #	92
44) Trichloroethene	8.83	130	147973	48.602	ug/l	99
45) 1,2-Dichloropropane	9.12	63	147329	54.286	ug/l	100
46) Dibromomethane	9.21	93	97904	55.166	ug/l	99
47) Bromodichloromethane	9.40	83	171065	53.183	ug/l	99
48) Methyl methacrylate	9.20	41	140726	57.189	ug/l	98
49) 1,4-Dioxane	9.20	88	54567	1027.154	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	905473	287.871	ug/l	100
52) Toluene	10.16	92	331774	50.321	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	153990	41.274	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	181772	47.015	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	144679	55.398	ug/l	98
56) Ethyl methacrylate	10.43	69	214494	56.296	ug/l	99
57) 1,3-Dichloropropane	10.71	76	232298	54.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.74	63	1093	15.555	ug/l #	46
59) 2-Hexanone	10.75	43	627651	275.319	ug/l	100
60) Dibromochloromethane	10.90	129	139593	48.539	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150018	56.189	ug/l	99
64) Tetrachloroethene	10.63	164	132134	41.867	ug/l	98
65) Chlorobenzene	11.43	112	356826	49.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	132417	52.850	ug/l	99
67) Ethyl Benzene	11.51	91	598683	47.448	ug/l	99
68) m/p-Xylenes	11.62	106	458631	95.150	ug/l	98
69) o-Xylene	11.95	106	232617	49.061	ug/l	99
70) Styrene	11.96	104	389429	51.694	ug/l	99
71) Bromoform	12.13	173	99237	47.331	ug/l #	100
73) Isopropylbenzene	12.25	105	582158	51.458	ug/l	100
74) N-amyl acetate	12.07	43	156090	36.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	201950	54.736	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	215660	73.744	ug/l #	100
77) Bromobenzene	12.53	156	171319	50.348	ug/l	95
78) n-propylbenzene	12.59	91	609171	45.306	ug/l	100
79) 2-Chlorotoluene	12.67	91	387819	52.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	482452	45.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	33901	38.605	ug/l	88
82) 4-Chlorotoluene	12.77	91	369493	46.972	ug/l	99
83) tert-Butylbenzene	12.99	119	421936	50.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	475613	46.934	ug/l	99
85) sec-Butylbenzene	13.17	105	528258	44.364	ug/l	100
86) p-Isopropyltoluene	13.29	119	474773	44.552	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	260282	49.423	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	249203	49.191	ug/l	100
89) n-Butylbenzene	13.61	91	335010	42.437	ug/l	99
90) Hexachloroethane	13.88	117	74050	46.076	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	270175	50.813	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29066	55.079	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056151.D
Acq On : 8 Jun 2019 14:07
Operator : JC/SP
Sample : K3225-04MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 70 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 10 01:26:16 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

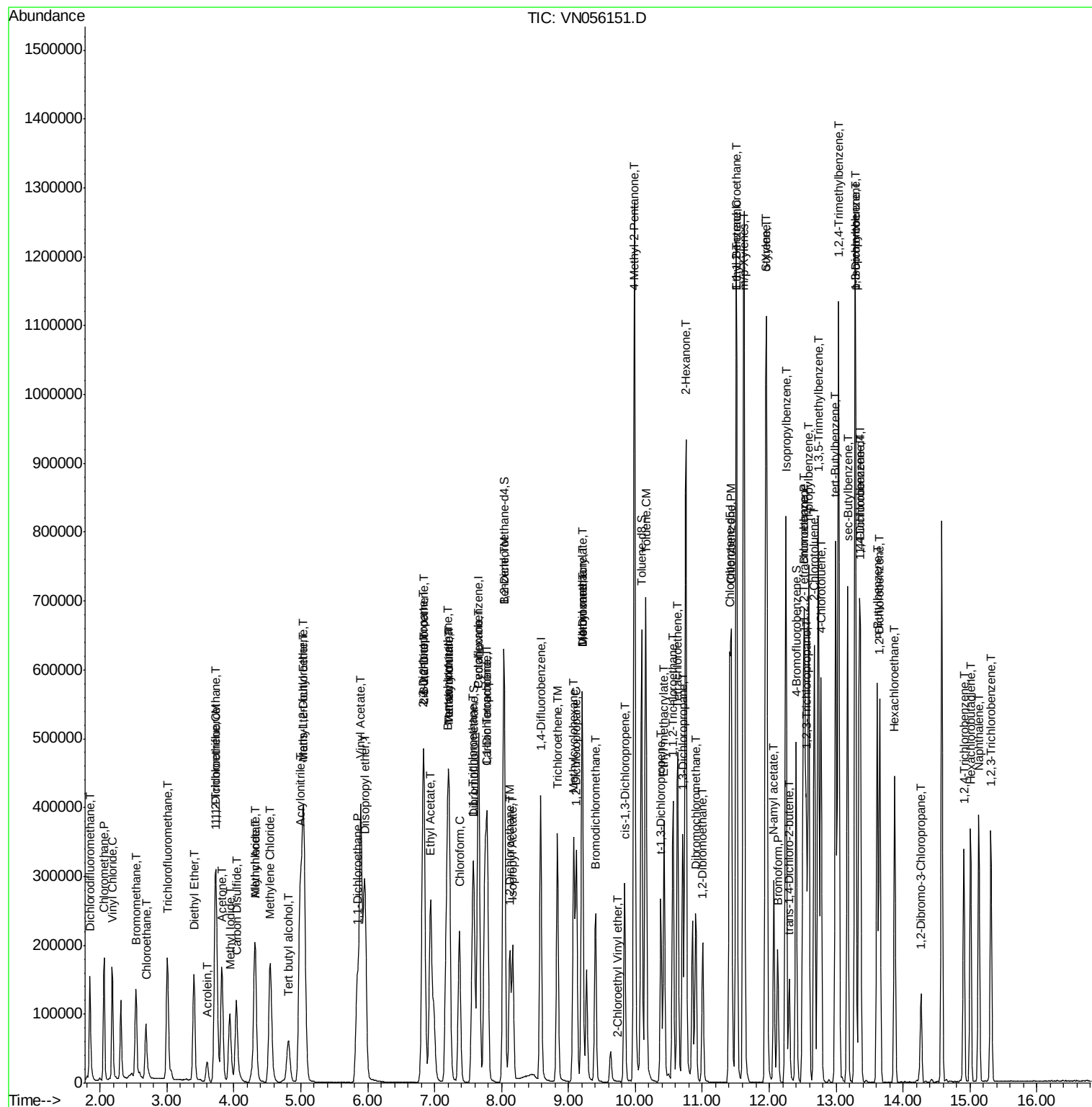
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121754	42.275	ug/l	99
94) Hexachlorobutadiene	15.01	225	82894	45.258	ug/l	98
95) Naphthalene	15.13	128	358783	47.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	140404	47.201	ug/l	99

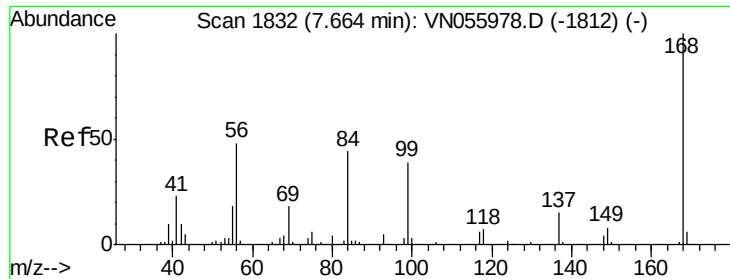
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056151.D
 Acq On : 8 Jun 2019 14:07
 Operator : JC/SP
 Sample : K3225-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 01:26:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

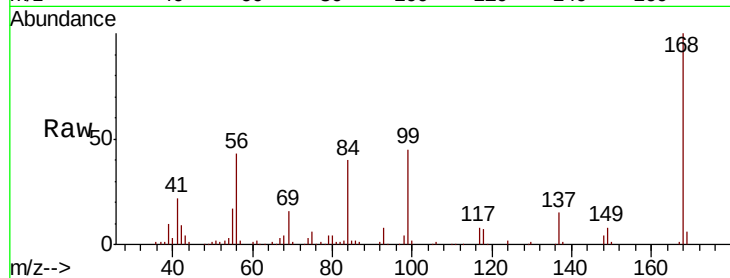
ClientSampleId :

Tot Ion:168 Resp: 266601

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

60000

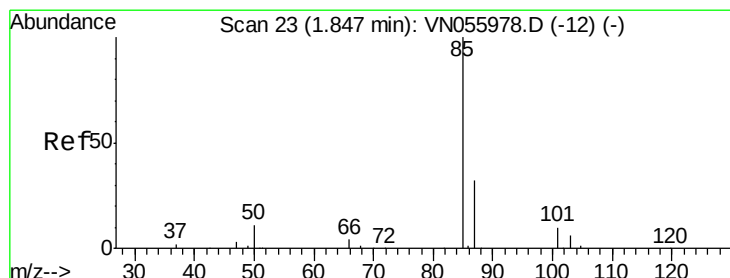
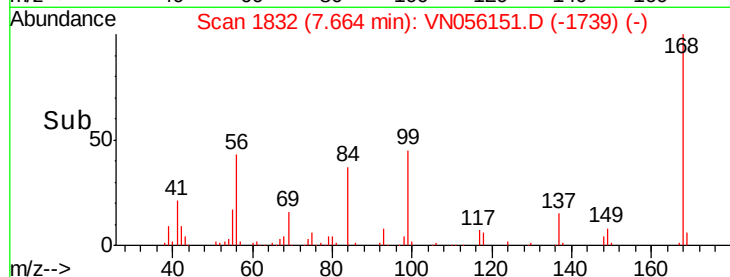
40000

20000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 45.382 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056151.D

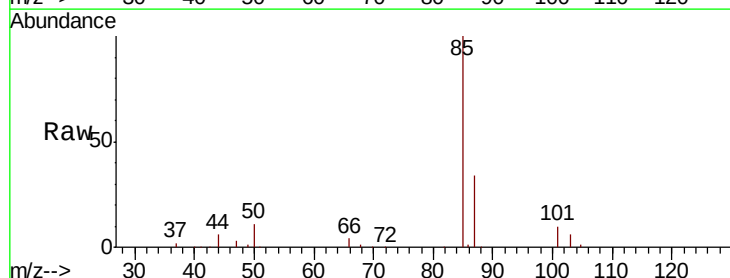
Acq: 8 Jun 2019 14:07

Tgt Ion: 85 Resp: 132822

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

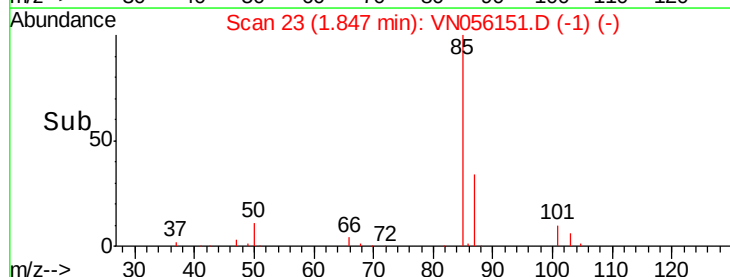
40000

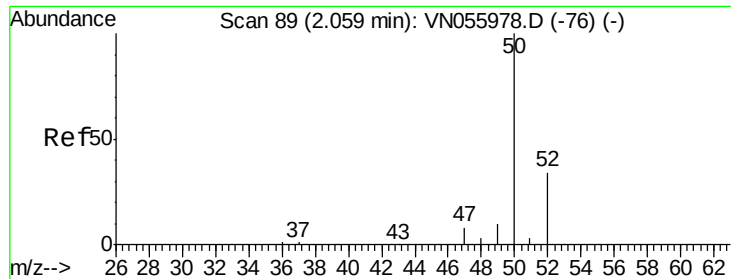
20000

0

Time-->

1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 57.730 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

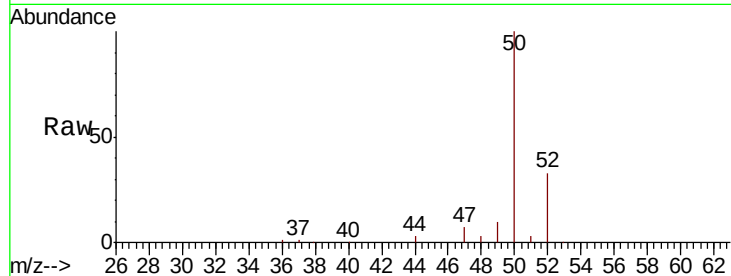
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 166837

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055978.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN055978.D (-76) (-)

2.06

120000

100000

80000

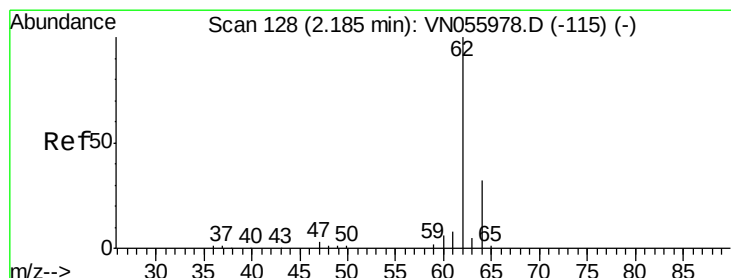
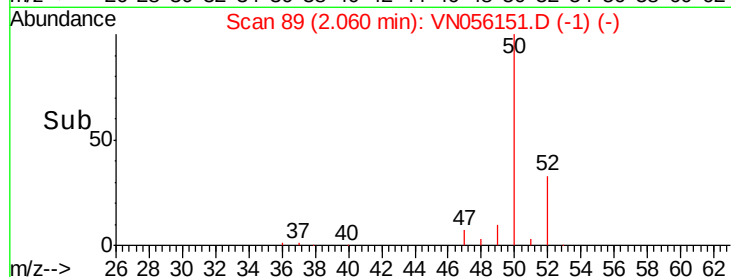
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 53.502 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056151.D

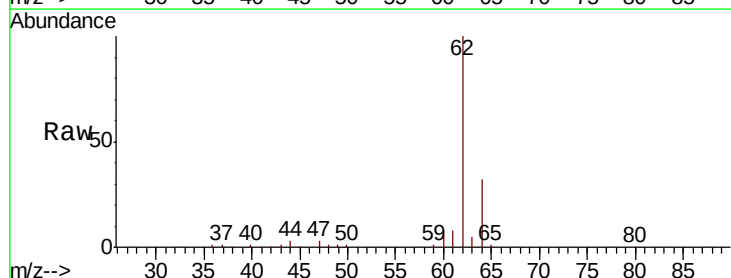
Acq: 8 Jun 2019 14:07

Tgt Ion: 62 Resp: 155098

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055978.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055978.D (-115) (-)

2.18

120000

100000

80000

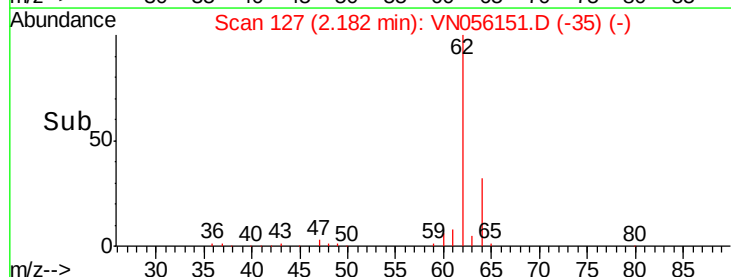
60000

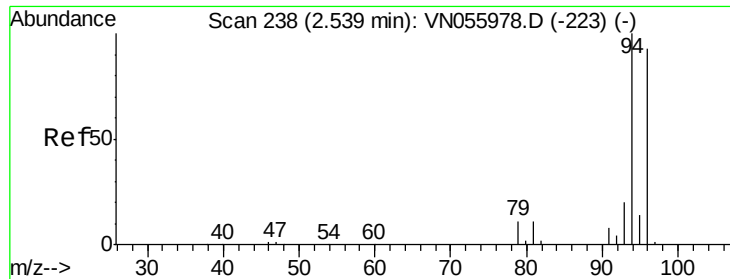
40000

20000

0

Time-->

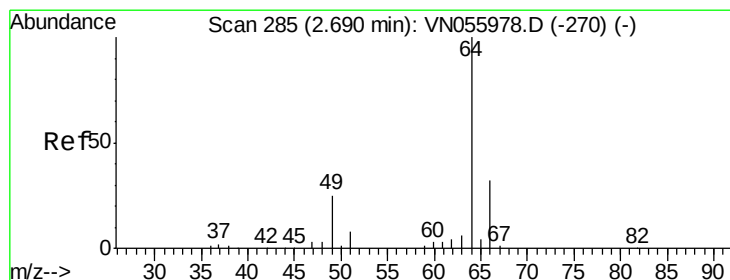
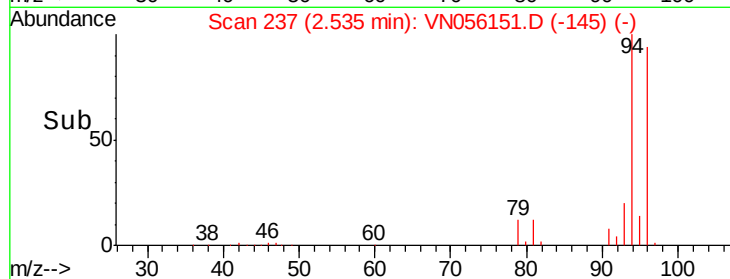
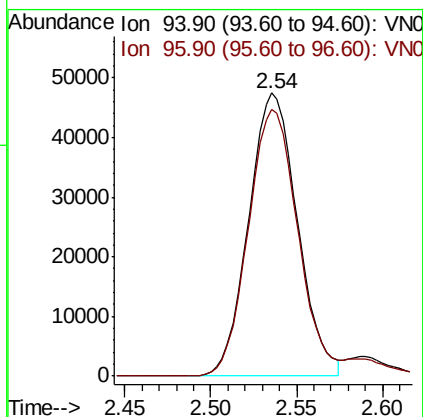
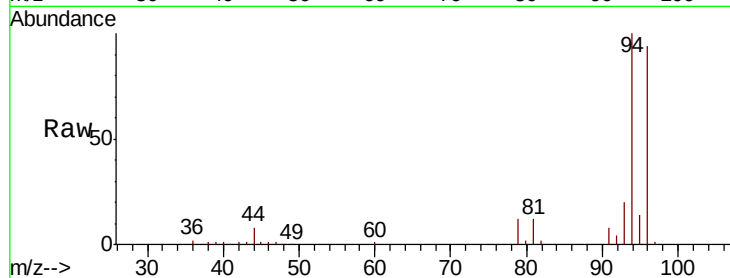




#5
Bromomethane
Concen: 50.975 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

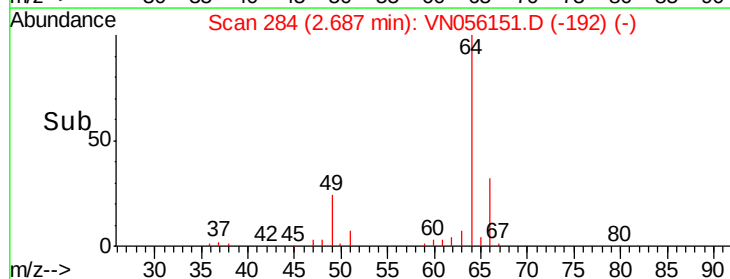
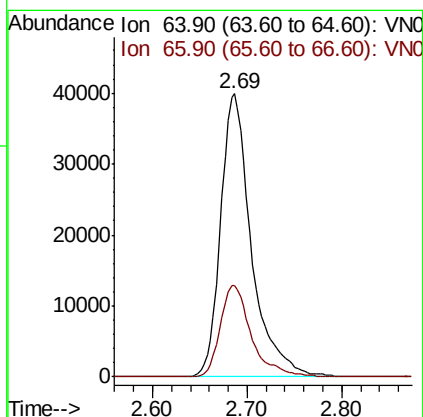
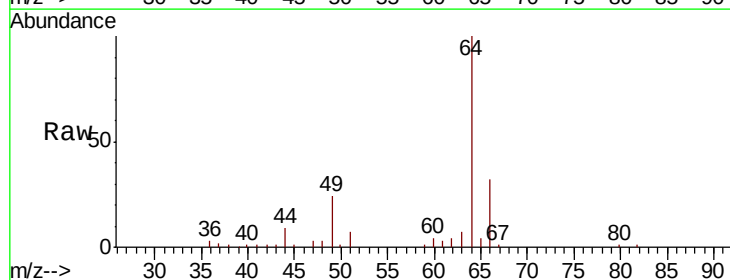
Instrument :
MSVOA_N
ClientSampled :

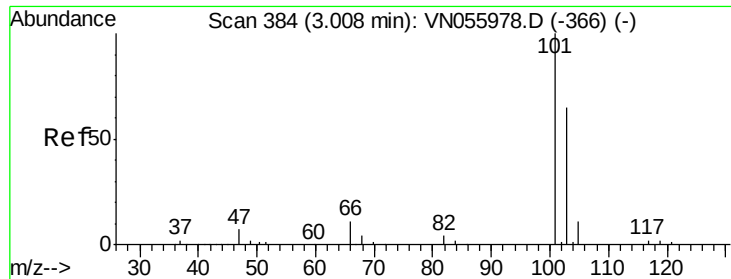
Tot Ion: 94 Resp: 93346
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3



#6
Chloroethane
Concen: 53.656 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 64 Resp: 90184
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0



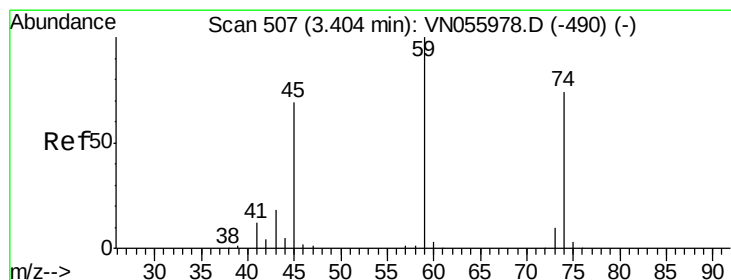
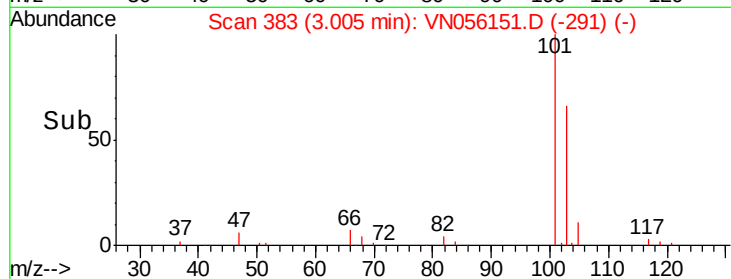
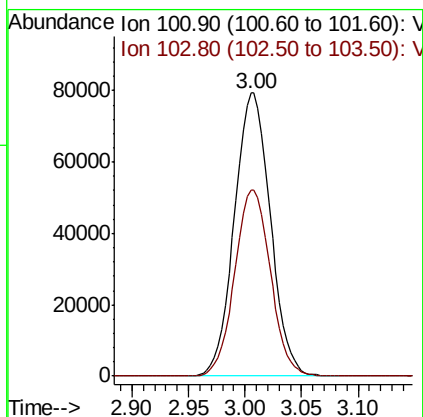
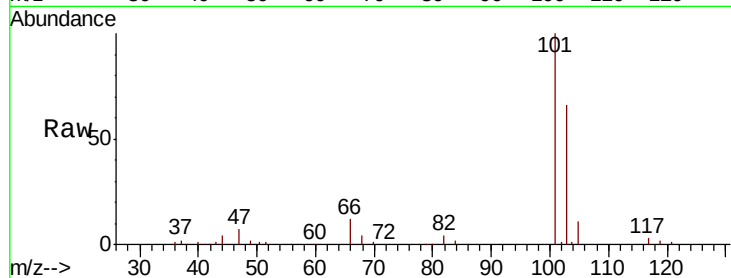


#7

Trichlorofluoromethane
Concen: 47.658 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :

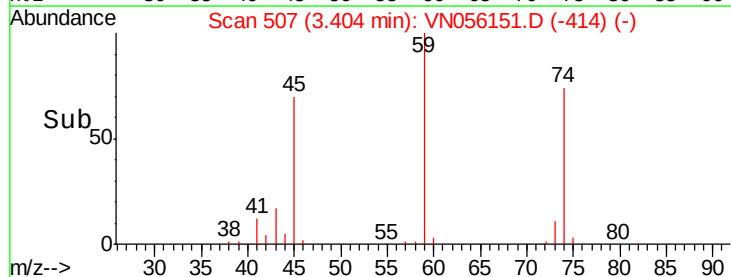
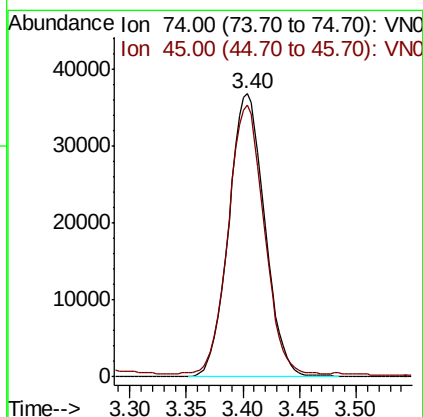
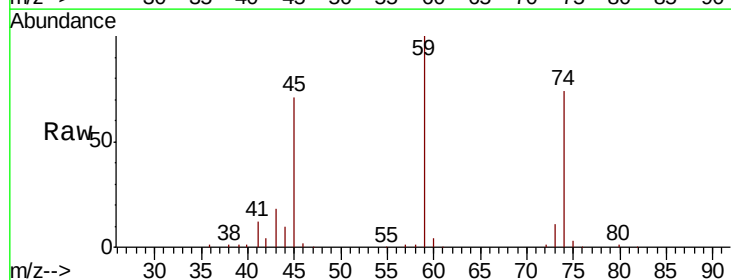
Tot Ion:101 Resp: 176371
Ion Ratio Lower Upper
101 100
103 65.8 51.2 76.8

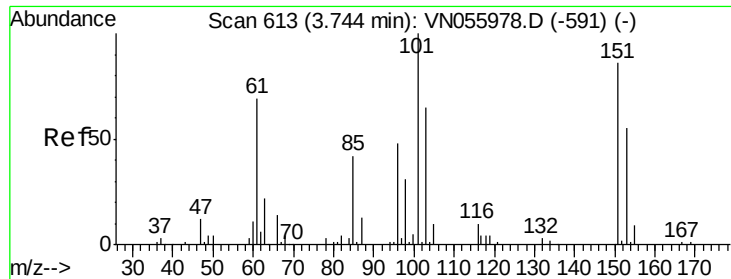


#8

Diethyl Ether
Concen: 53.501 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 74 Resp: 81423
Ion Ratio Lower Upper
74 100
45 94.8 48.6 145.9

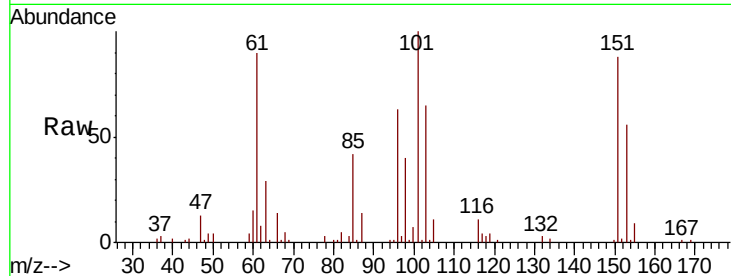




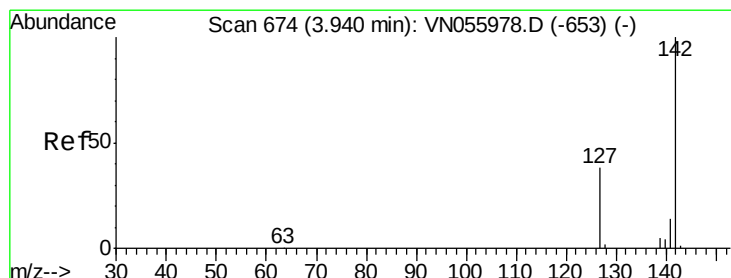
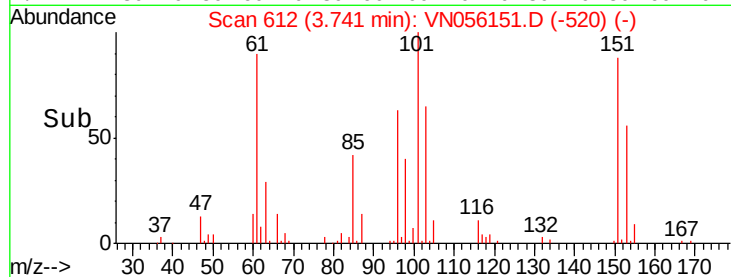
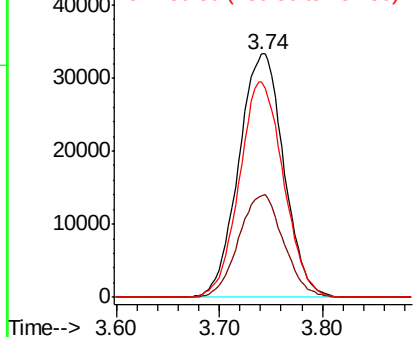
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.931 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 101007
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.4 50.2
 151 86.7 69.4 104.2

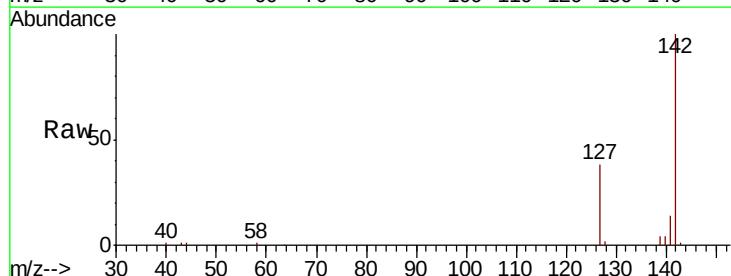


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

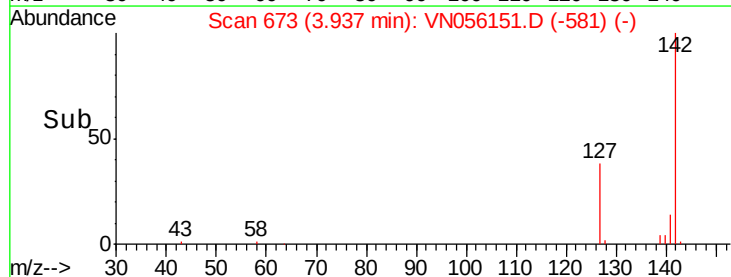
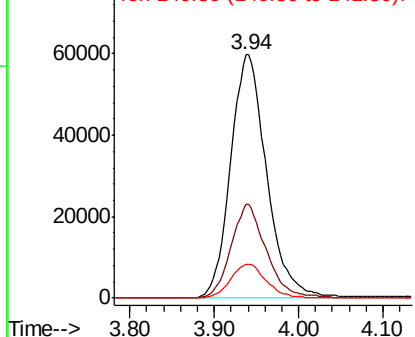


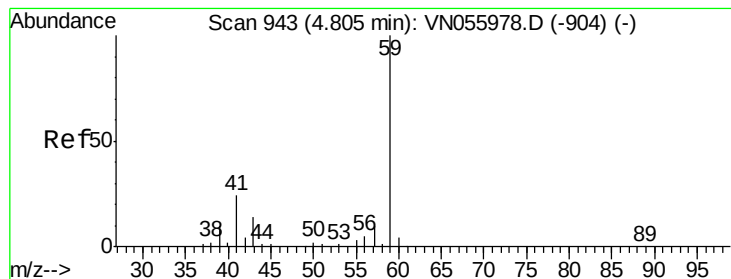
#10
 Methyl Iodide
 Concen: 49.853 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion:142 Resp: 178098
 Ion Ratio Lower Upper
 142 100
 127 37.6 31.0 46.4
 141 13.9 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



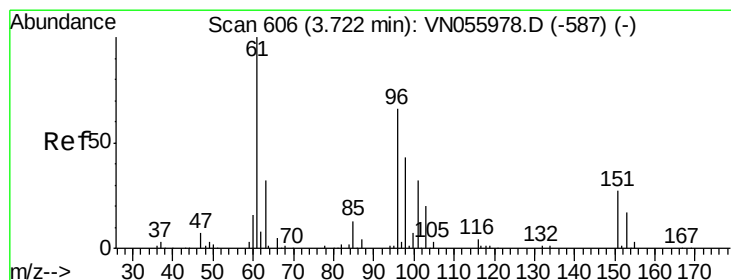
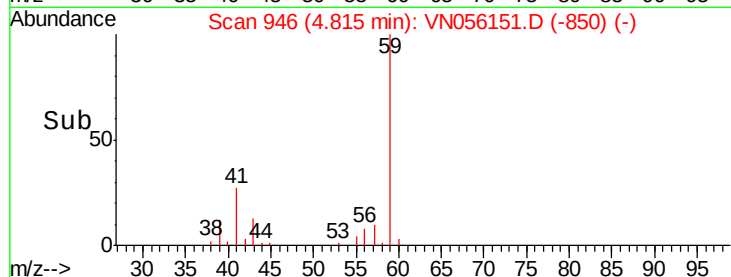
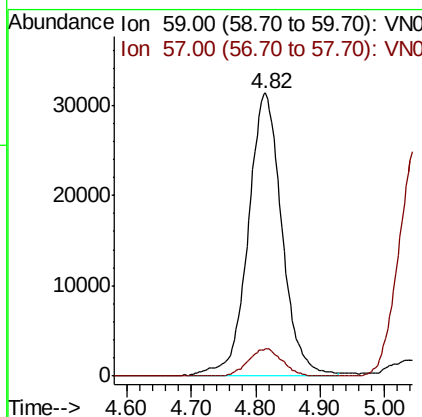
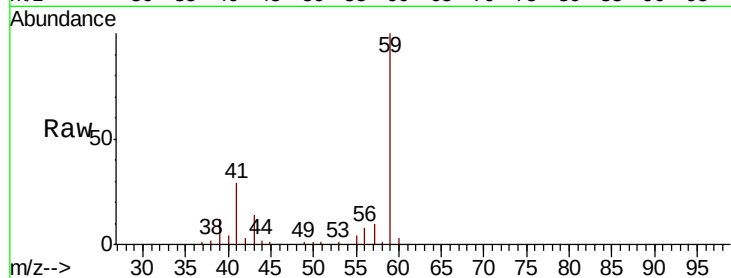


#11

Tert butyl alcohol
 Concen: 247.974 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :

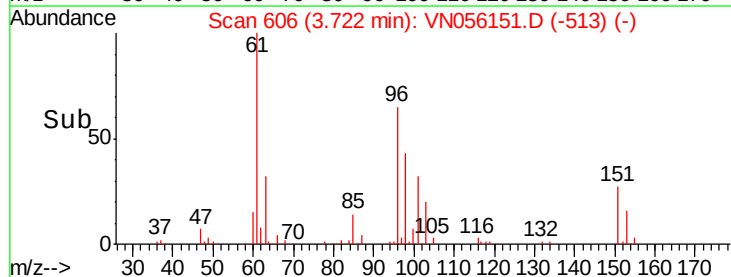
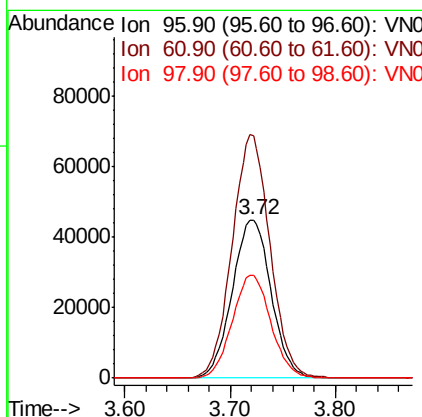
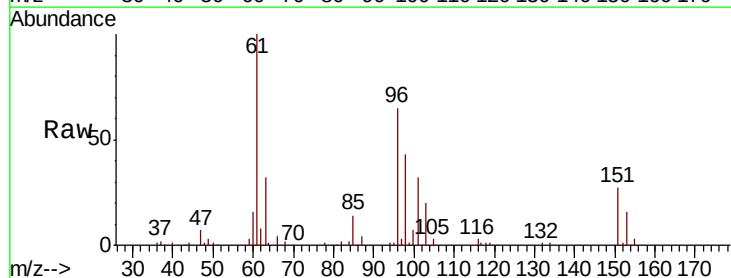
Tot Ion: 59 Resp: 114231
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

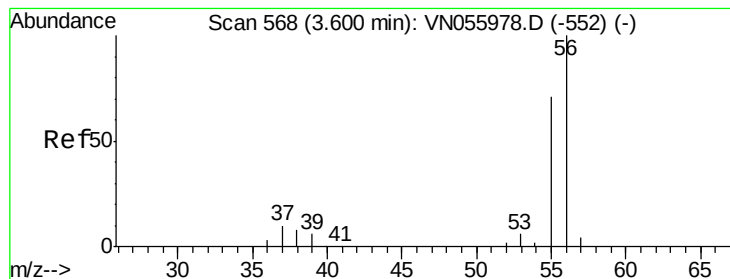


#12

1,1-Dichloroethene
 Concen: 51.435 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 96 Resp: 115115
 Ion Ratio Lower Upper
 96 100
 61 153.1 123.2 184.8
 98 65.2 50.4 75.6





#13

Acrolein

Concen: 256.968 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

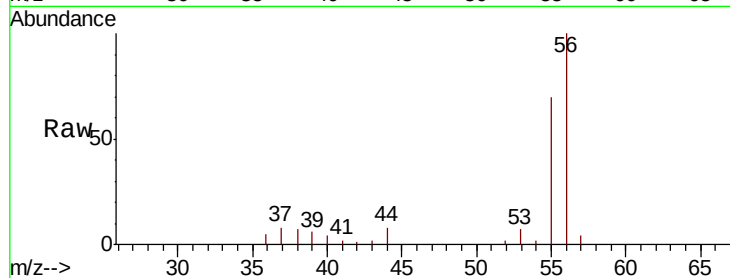
ClientSampleId :

Tot Ion: 56 Resp: 34140

Ion Ratio Lower Upper

56 100

55 71.4 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-552) (-)

15000

10000

5000

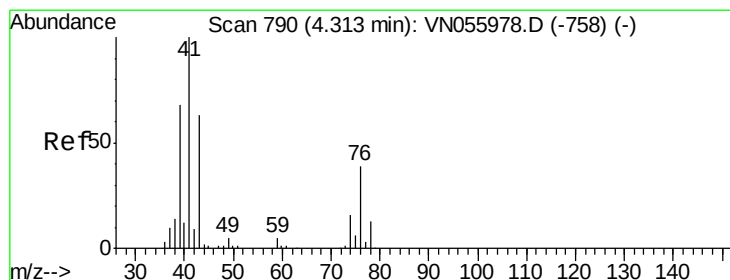
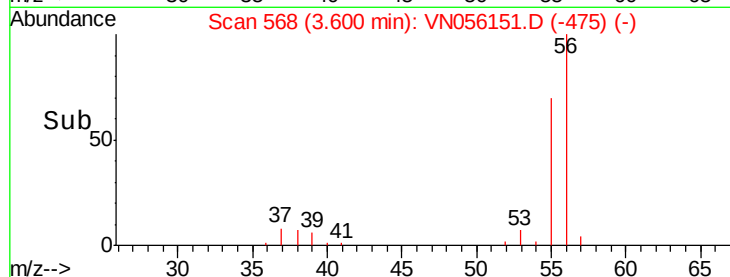
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 50.296 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

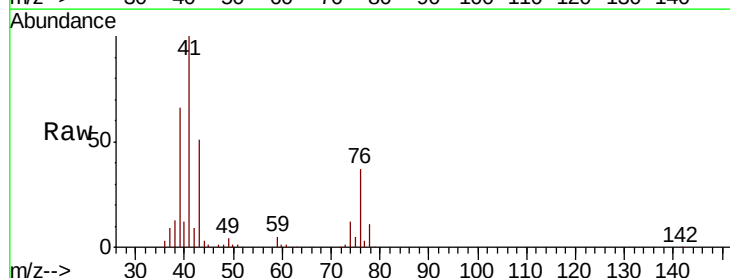
Tgt Ion: 41 Resp: 177748

Ion Ratio Lower Upper

41 100

39 59.4 50.0 75.0

76 33.2 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN055978.D (-758) (-)

60000

40000

20000

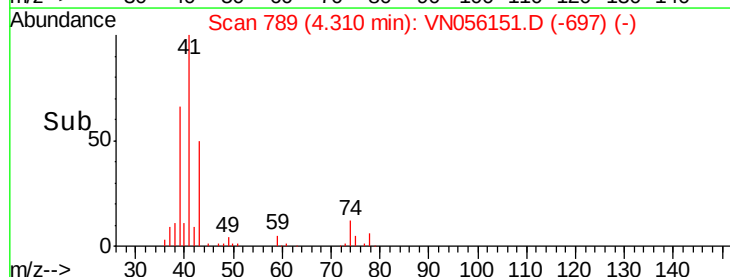
0

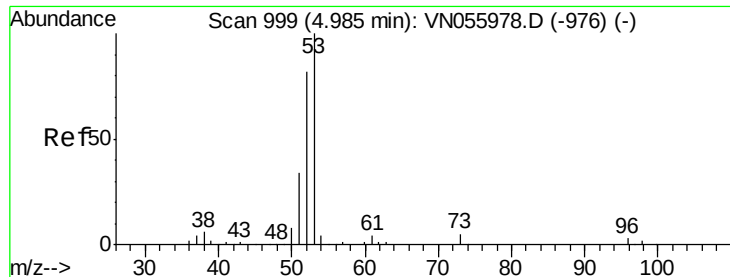
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 312.833 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

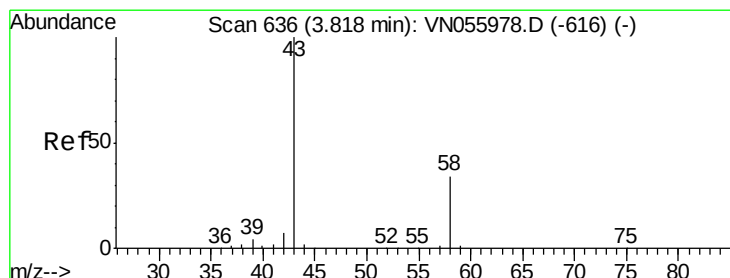
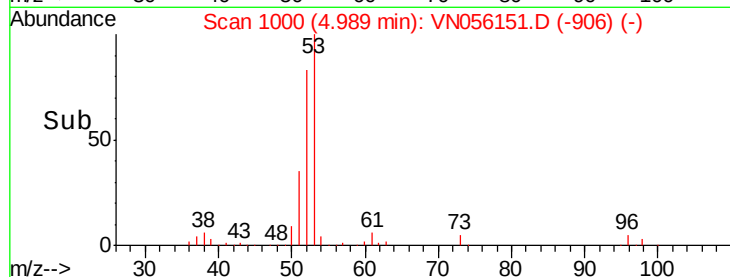
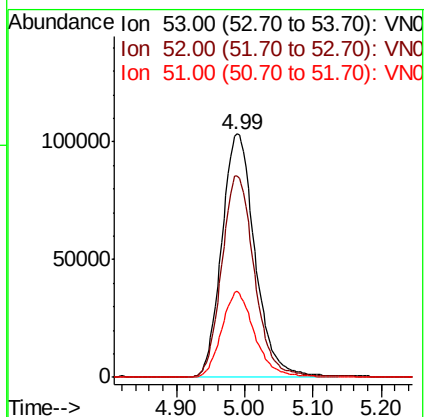
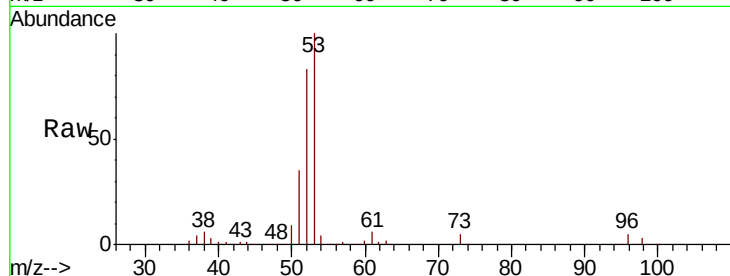
Tot Ion: 53 Resp: 350801

Ion Ratio Lower Upper

53 100

52 81.3 65.8 98.8

51 35.0 28.2 42.4



#16

Acetone

Concen: 219.353 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056151.D

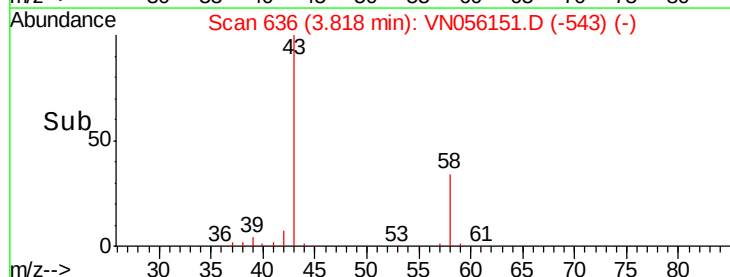
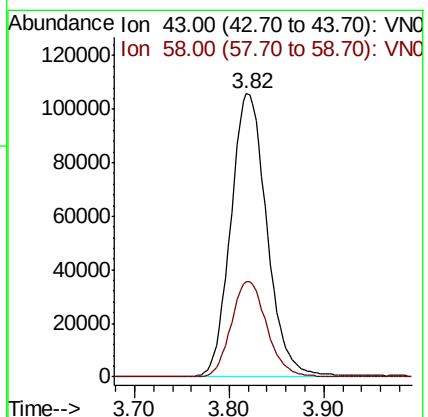
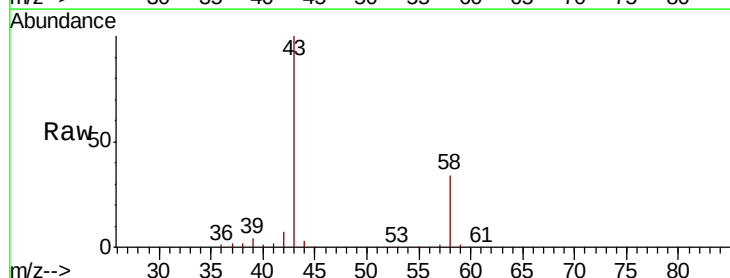
Acq: 8 Jun 2019 14:07

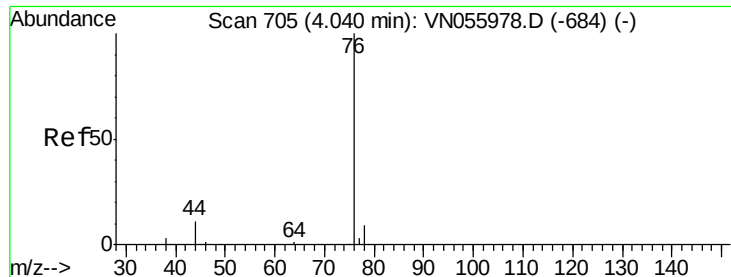
Tgt Ion: 43 Resp: 277709

Ion Ratio Lower Upper

43 100

58 33.7 26.6 39.8





#17

Carbon Disulfide

Concen: 46.032 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

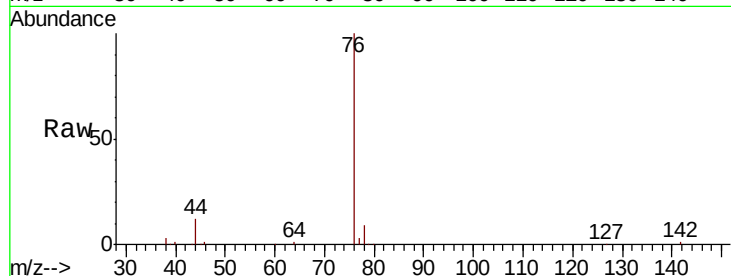
ClientSampled :

Tot Ion: 76 Resp: 246674

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.04

100000

80000

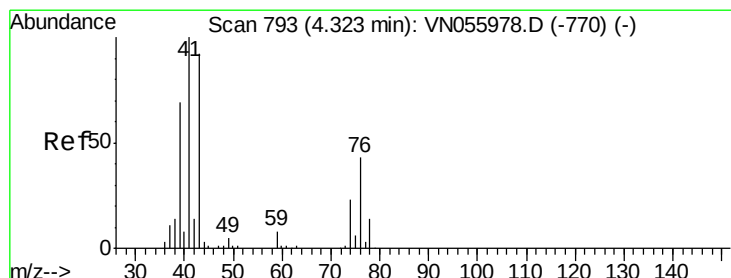
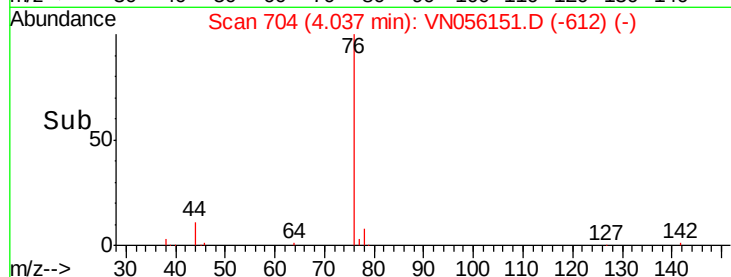
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.822 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056151.D

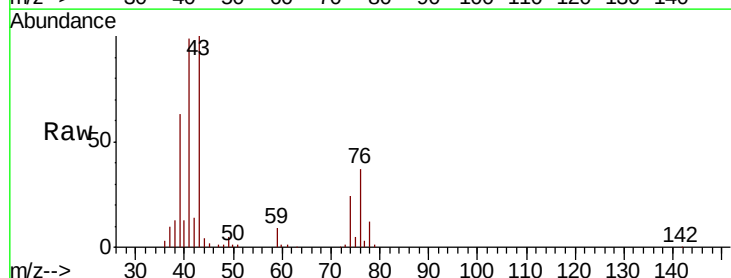
Acq: 8 Jun 2019 14:07

Tgt Ion: 43 Resp: 118989

Ion Ratio Lower Upper

43 100

74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

50000

40000

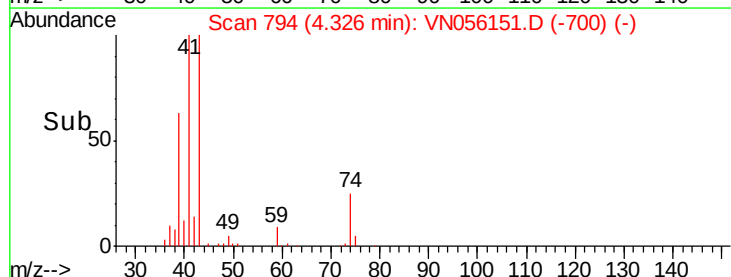
30000

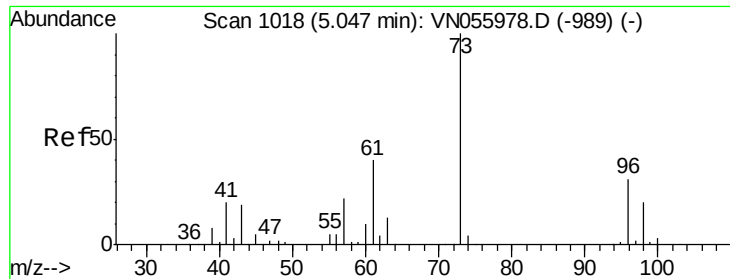
20000

10000

0

Time-->

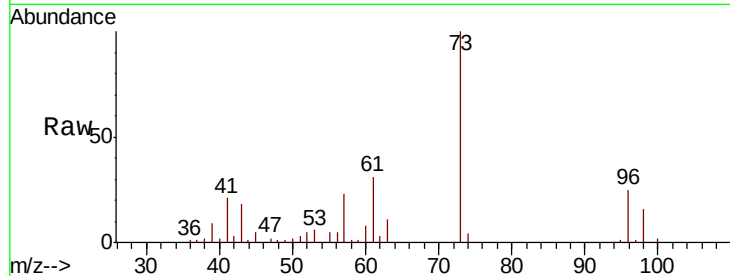




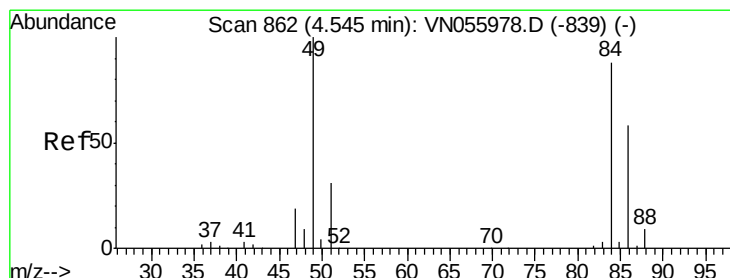
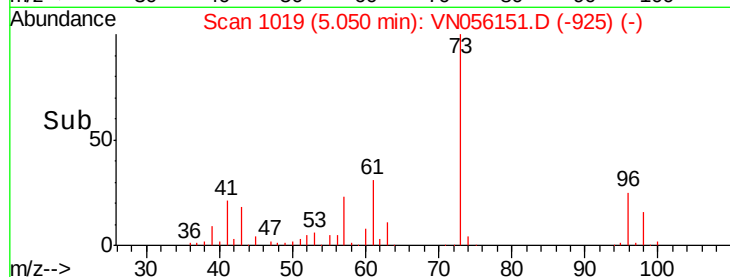
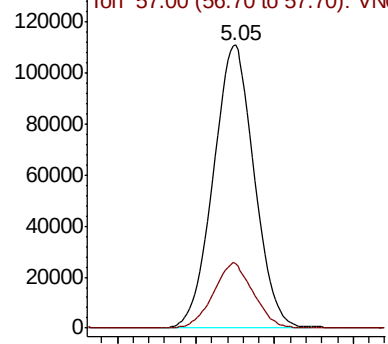
#19
Methyl tert-butyl Ether
Concen: 56.893 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 405870
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8

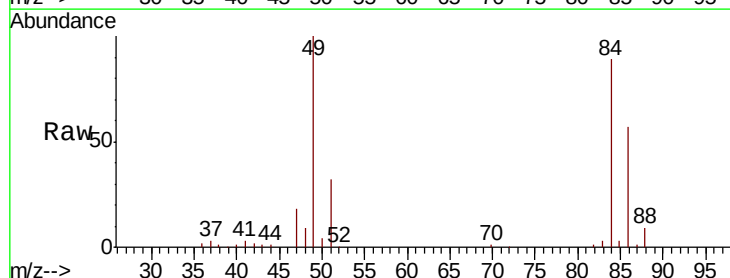


Abundance Ion 73.00 (72.70 to 73.70): VN055978.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN055978.D (-989) (-)

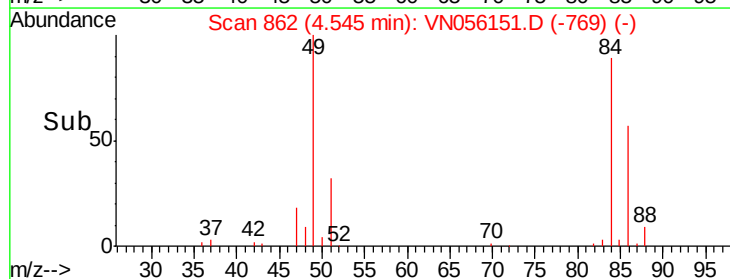
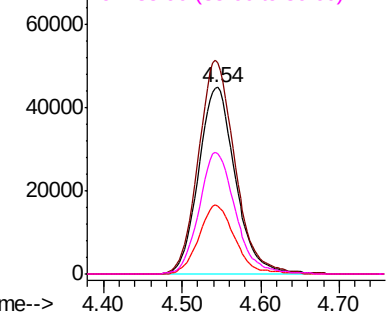


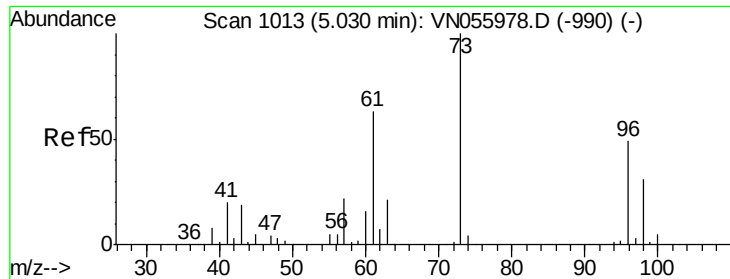
#20
Methylene Chloride
Concen: 55.873 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 84 Resp: 145735
Ion Ratio Lower Upper
84 100
49 112.9 93.5 140.3
51 36.1 28.6 43.0
86 64.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055978.D (-839) (-)
Ion 48.90 (48.60 to 49.60): VN055978.D (-839) (-)
Ion 50.90 (50.60 to 51.60): VN055978.D (-839) (-)
Ion 85.90 (85.60 to 86.60): VN055978.D (-839) (-)

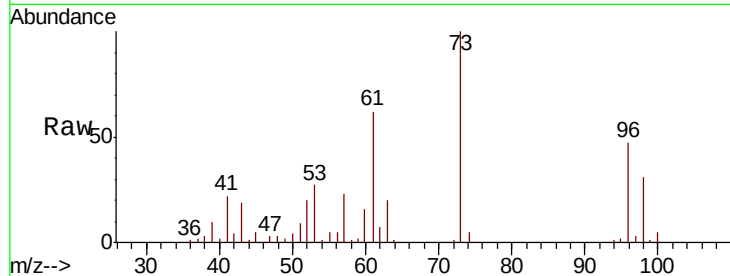




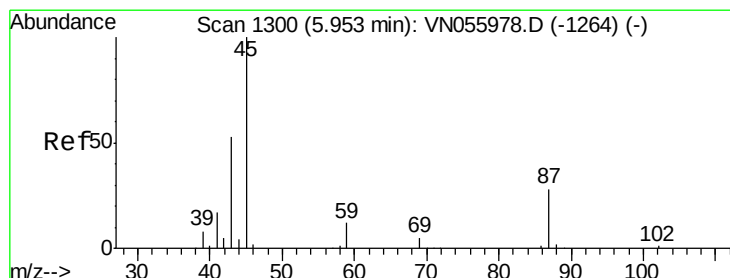
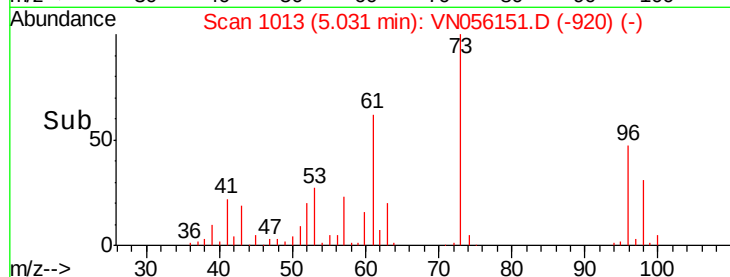
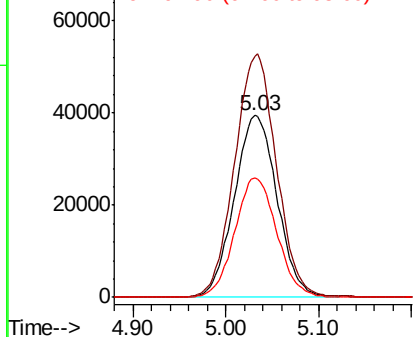
#21
trans-1,2-Dichloroethene
Concen: 52.815 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 126650
Ion Ratio Lower Upper
96 100
61 132.4 107.8 161.8
98 65.9 49.8 74.8

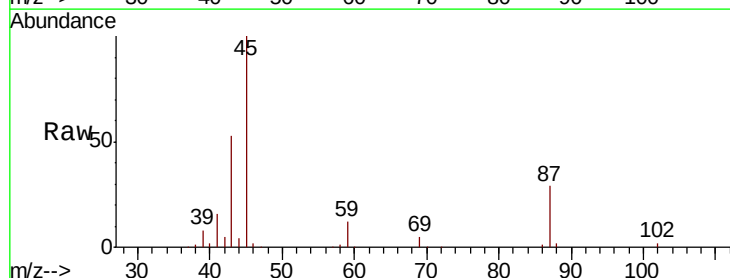


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

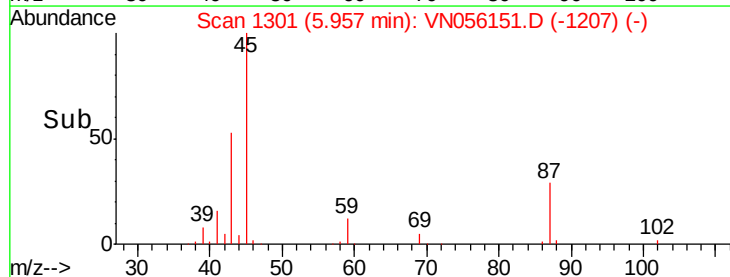
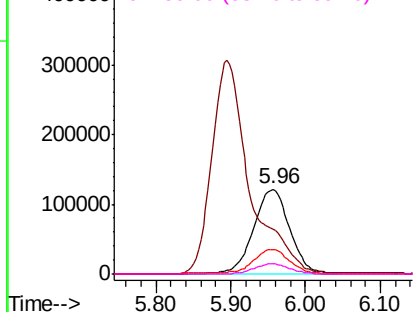


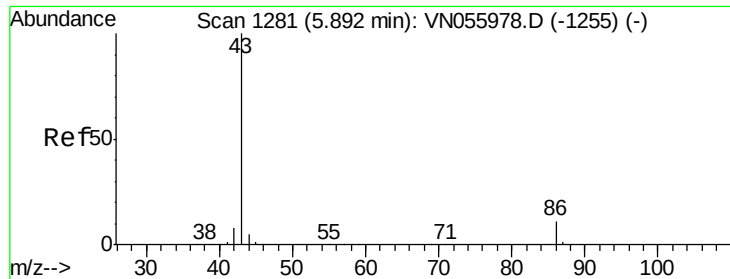
#22
Diisopropyl ether
Concen: 56.158 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 45 Resp: 410255
Ion Ratio Lower Upper
45 100
43 51.5 45.0 67.6
87 28.9 22.2 33.4
59 11.6 9.1 13.7



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

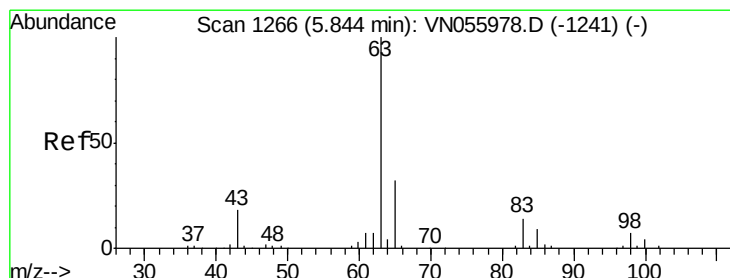
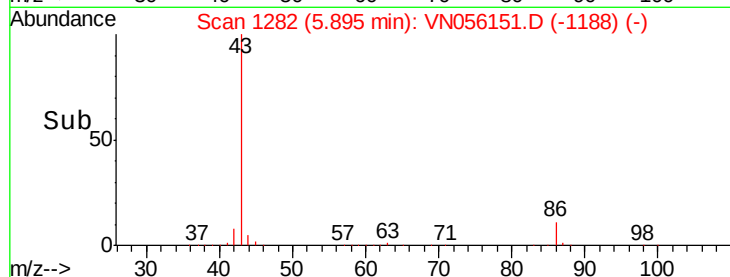
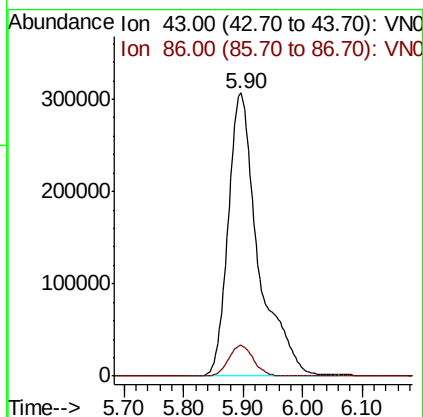
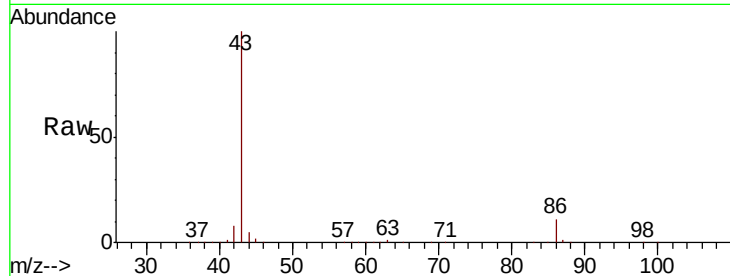




#23
 Vinyl Acetate
 Concen: 188.234 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

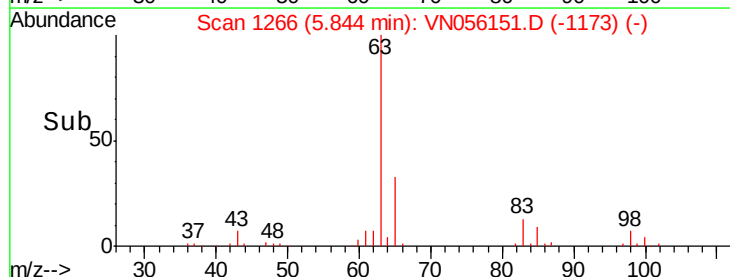
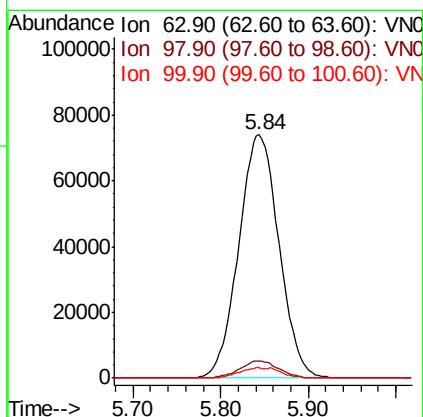
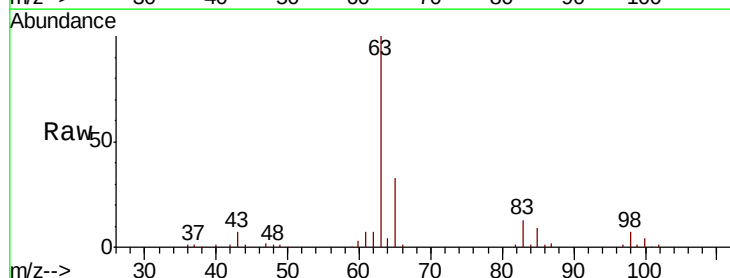
Instrument :
 MSVOA_N
 ClientSampleId :

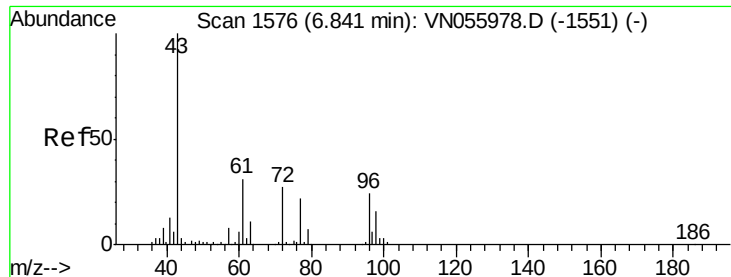
Tot Ion: 43 Resp: 1082908
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 56.046 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 63 Resp: 236180
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.2 2.2 6.6

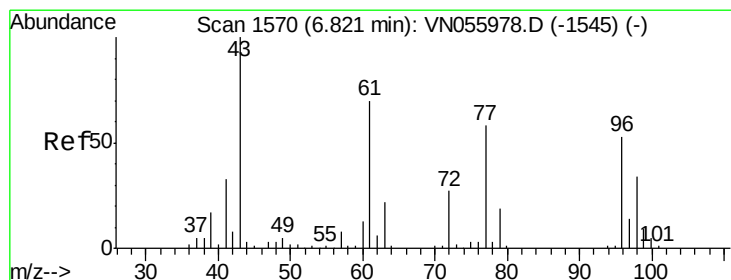
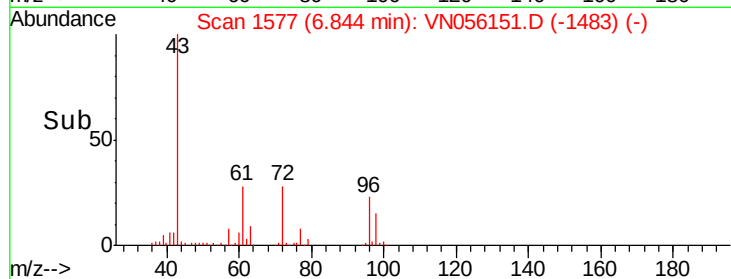
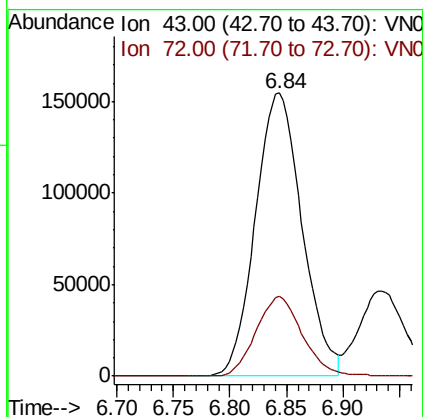
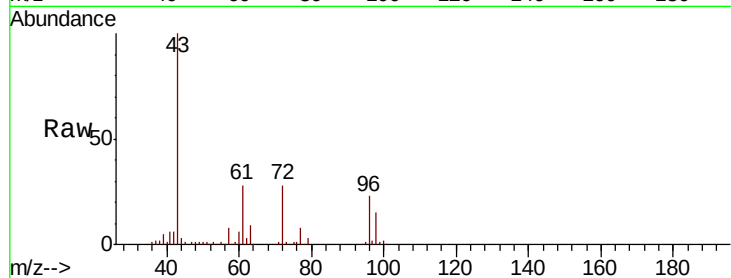




#25
2-Butanone
Concen: 275.460 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

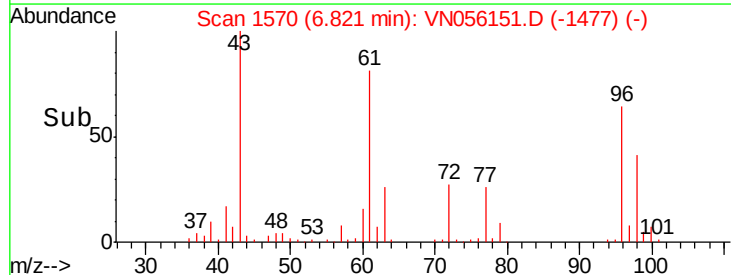
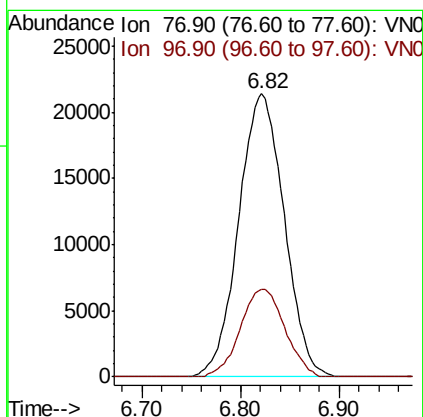
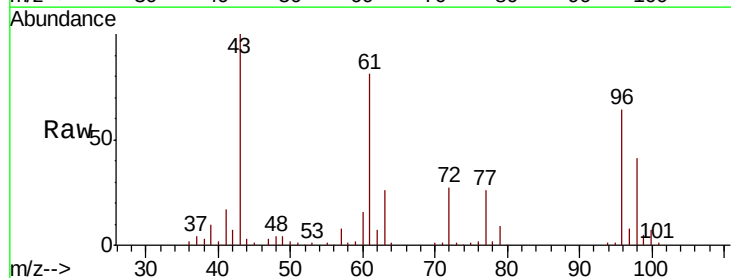
Instrument :
MSVOA_N
ClientSampled :

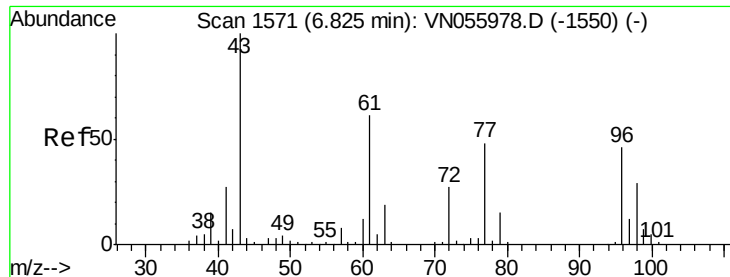
Tot Ion: 43 Resp: 440625
Ion Ratio Lower Upper
43 100
72 28.1 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.781 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 77 Resp: 68335
Ion Ratio Lower Upper
77 100
97 30.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 55.736 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

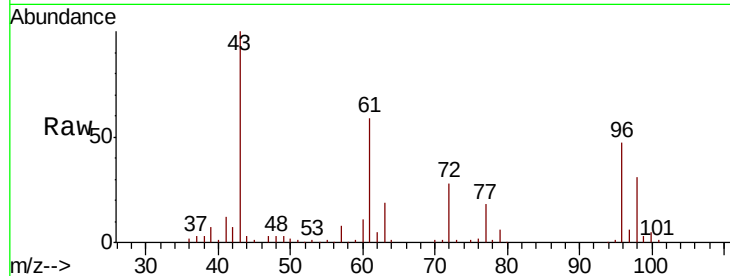
Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 157107

Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	275.8
98	64.5	0.0	128.4

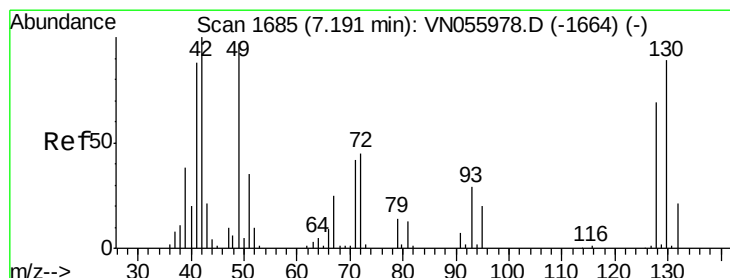
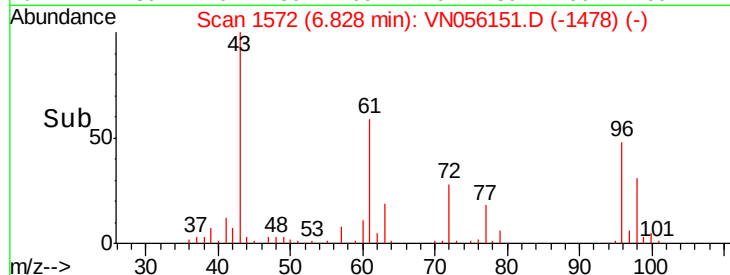
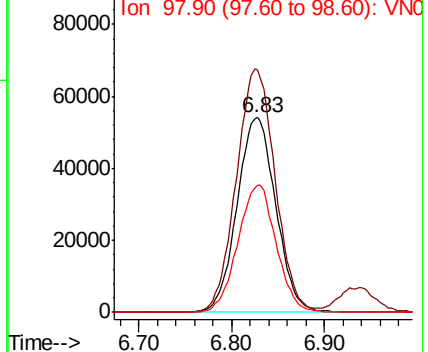


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 60.336 ug/l

RT: 7.19 min Scan# 1686

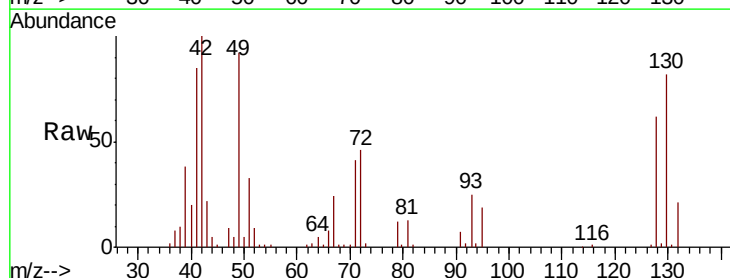
Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Tgt Ion: 49 Resp: 120239

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	88.9	71.2	106.8

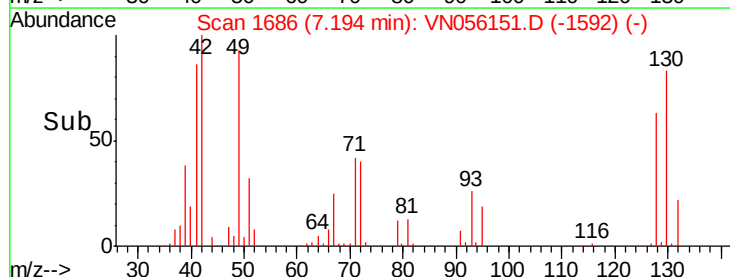
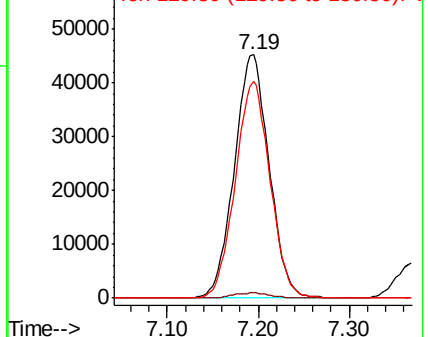


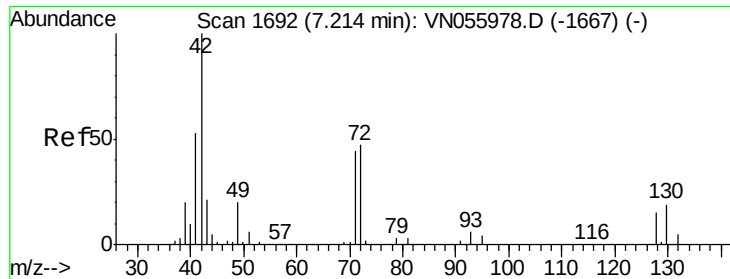
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

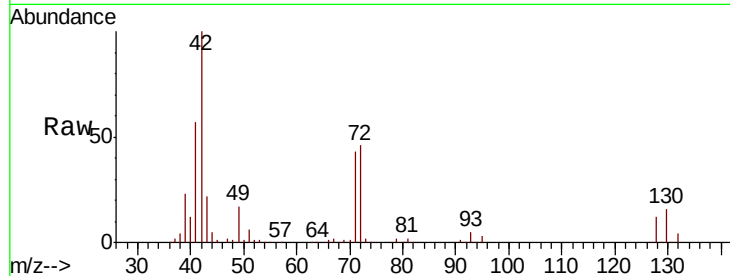




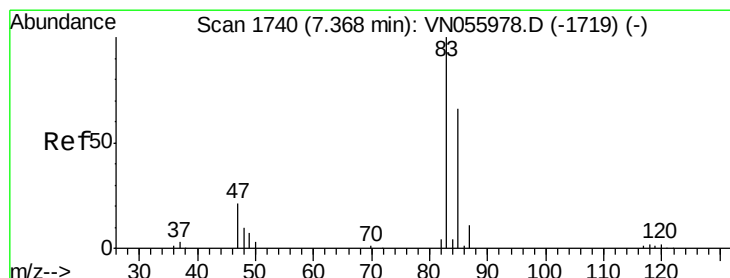
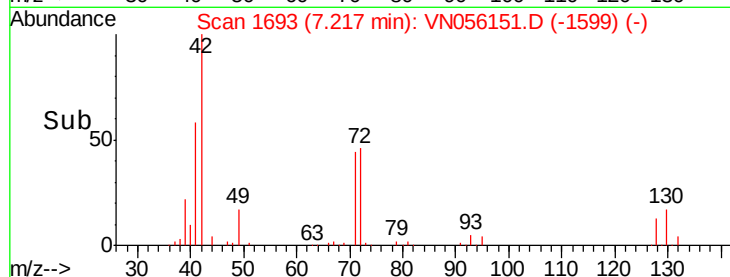
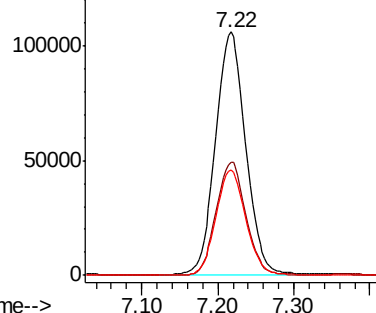
#29
Tetrahydrofuran
Concen: 299.191 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 295833
Ion Ratio Lower Upper
42 100
72 45.8 35.9 53.9
71 42.7 34.0 51.0

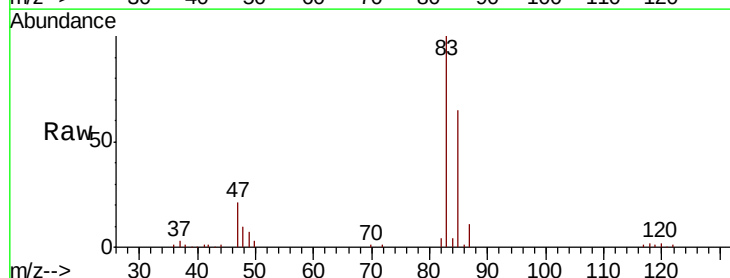


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

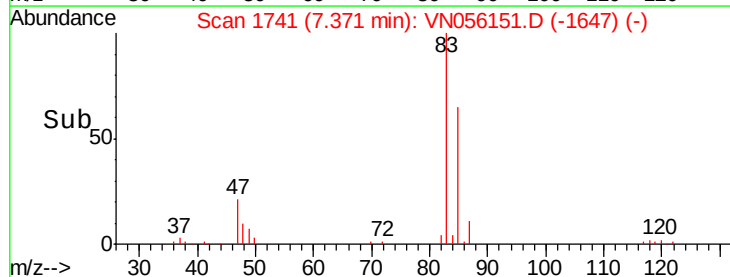
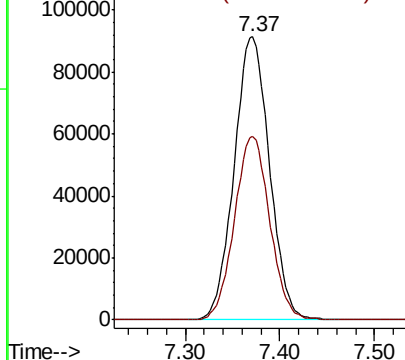


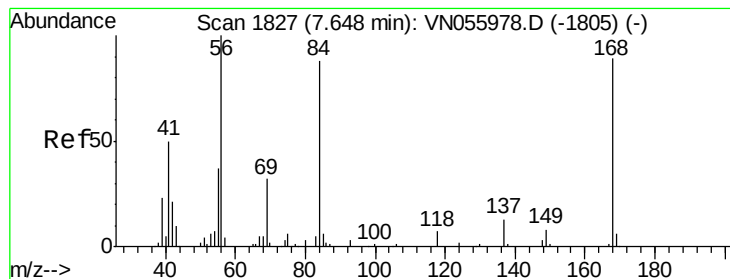
#30
Chloroform
Concen: 55.941 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 83 Resp: 237143
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8



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





#31

Cyclohexane

Concen: 42.743 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

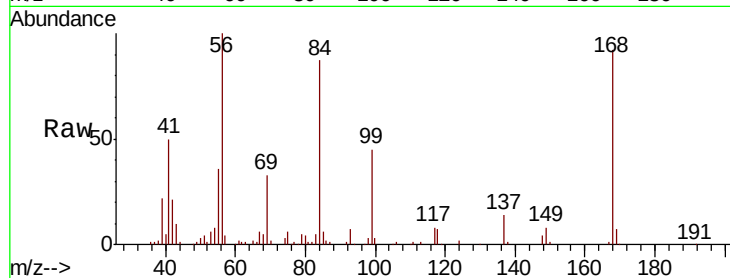
Tot Ion: 56 Resp: 179537

Ion Ratio Lower Upper

56 100

69 33.2 25.6 38.4

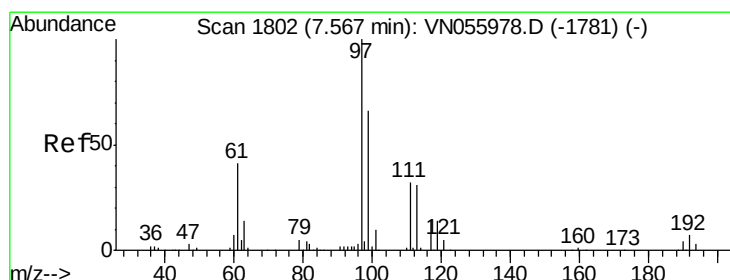
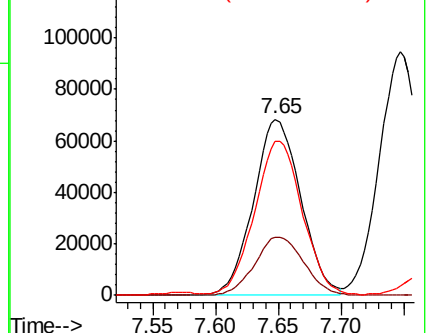
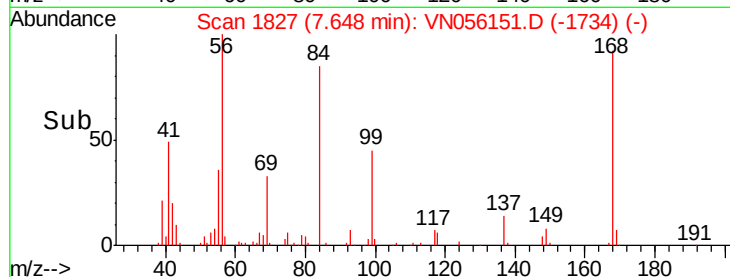
84 85.9 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN056151.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN056151.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN056151.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 51.880 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

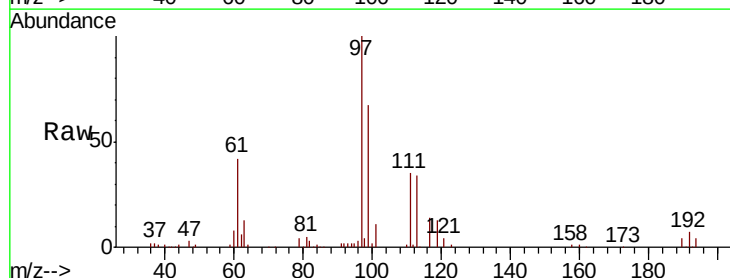
Tgt Ion: 97 Resp: 183655

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

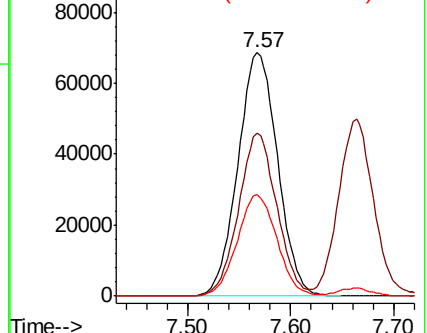
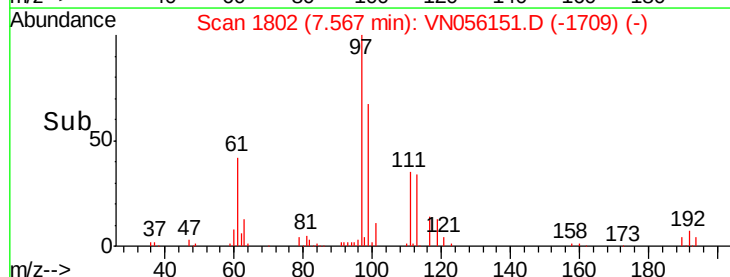
61 41.6 32.9 49.3

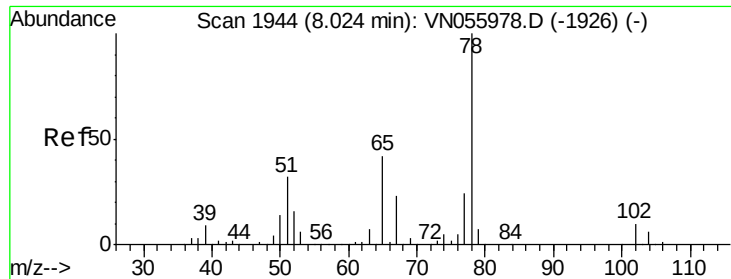


Abundance Ion 96.90 (96.60 to 97.60): VN056151.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN056151.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN056151.D (-1709) (-)

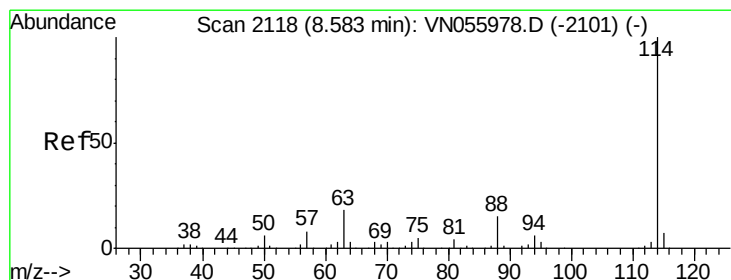
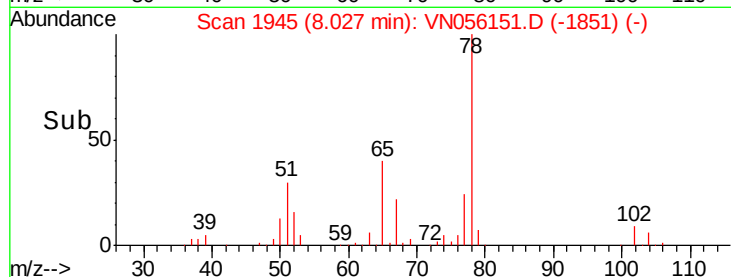
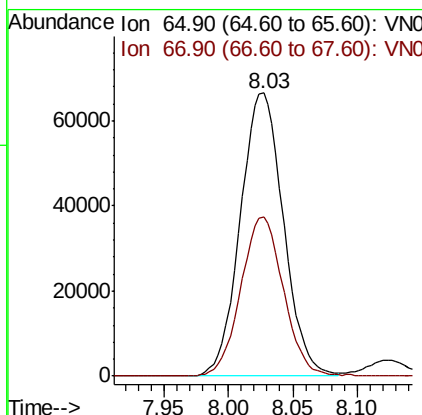
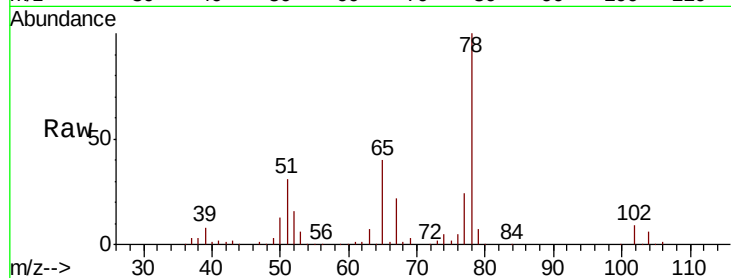




#33
 1,2-Dichloroethane-d4
 Concen: 58.558 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

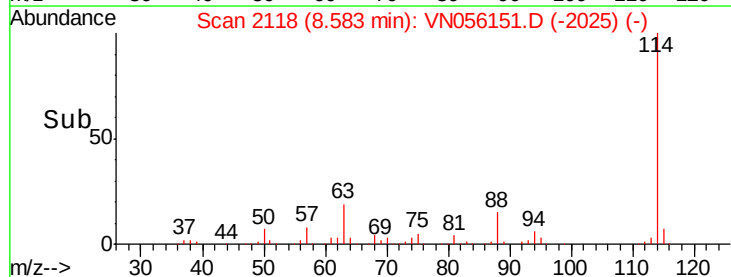
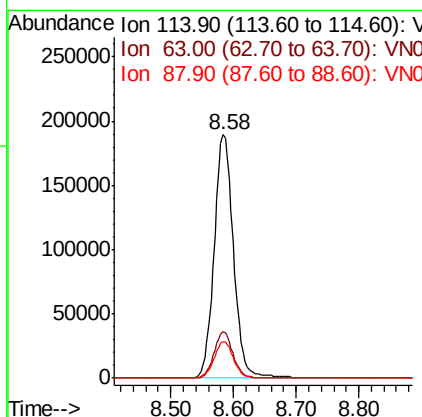
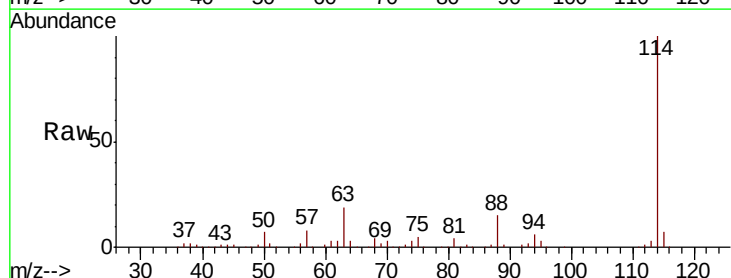
Instrument :
 MSVOA_N
 ClientSampled :

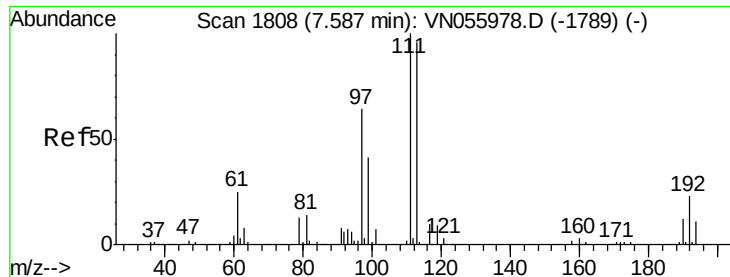
Tot Ion: 65 Resp: 155010
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 114 Resp: 405708
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.0 0.0 31.0

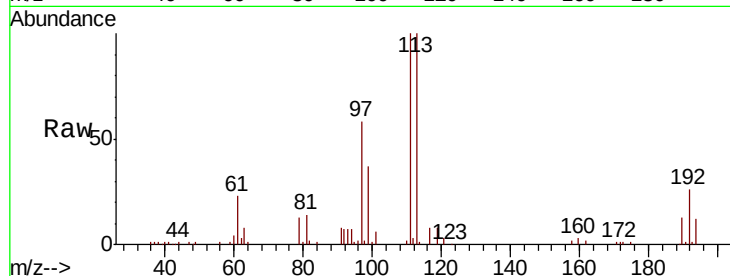




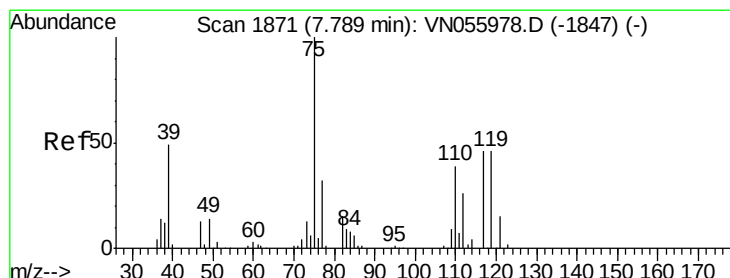
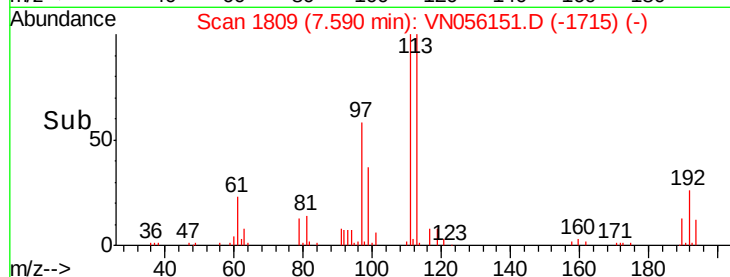
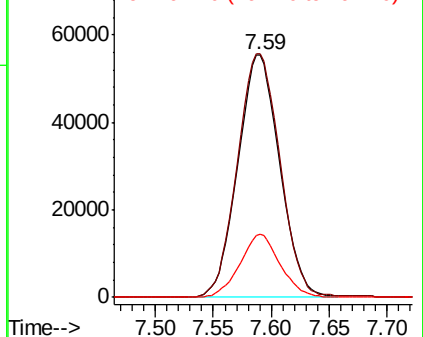
#35
 Dibromofluoromethane
 Concen: 55.834 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	24.9	19.5	29.3

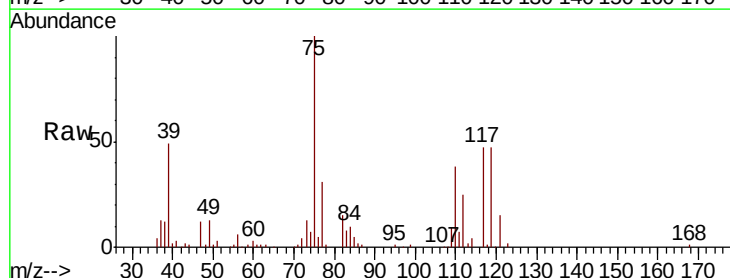


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

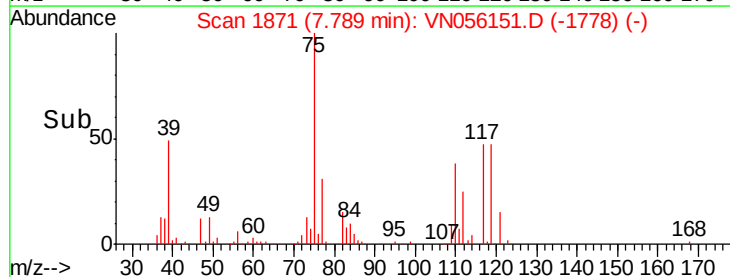
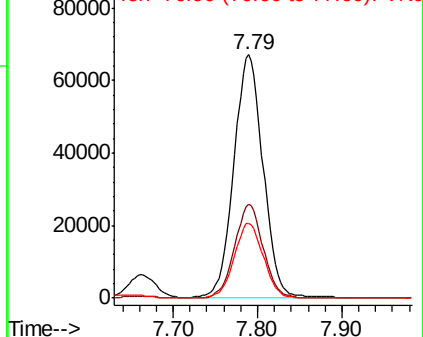


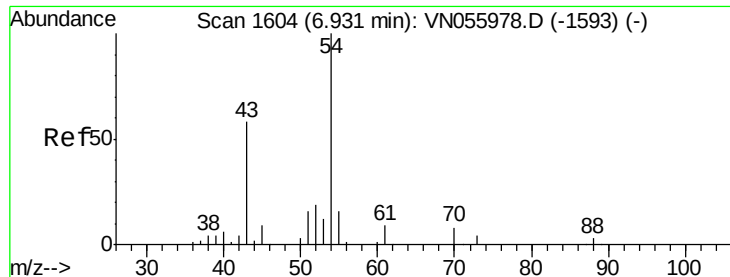
#36
 1,1-Dichloropropene
 Concen: 46.153 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	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

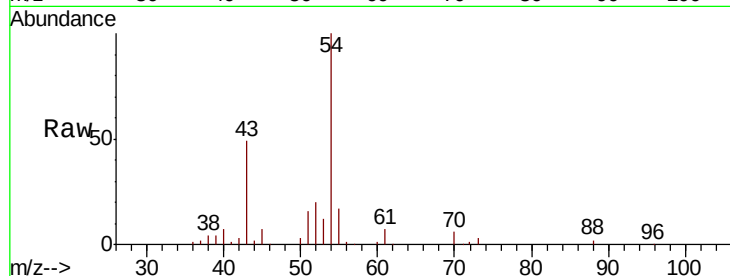




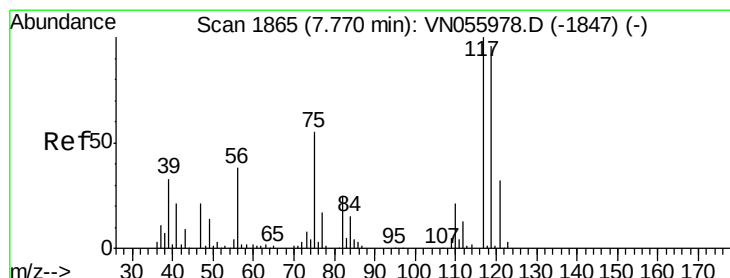
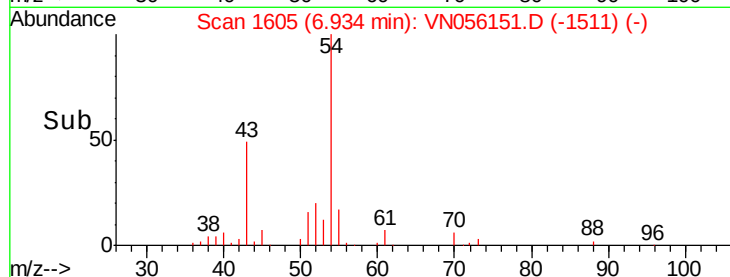
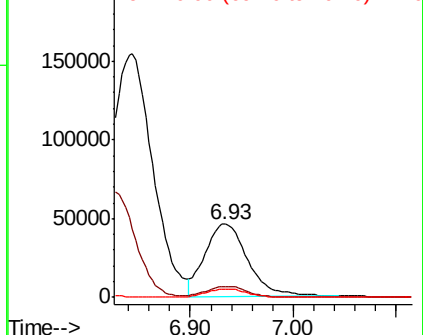
#37
Ethyl Acetate
Concen: 42.664 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 132428
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 11.2 8.9 13.3

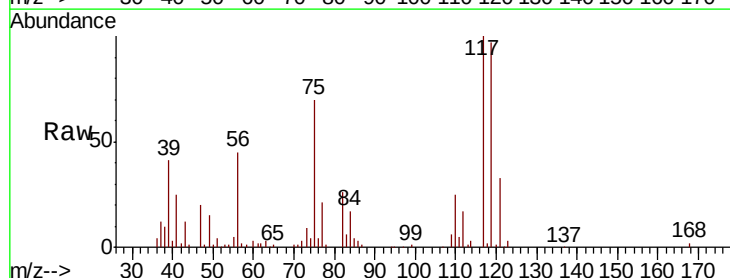


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

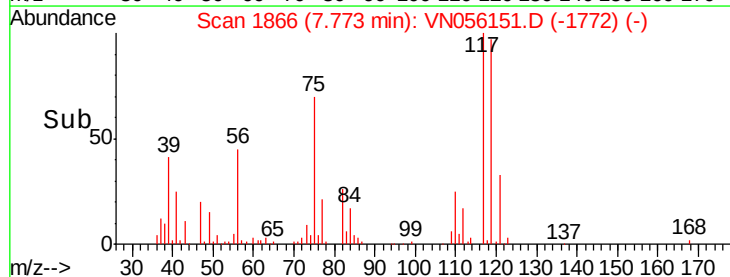
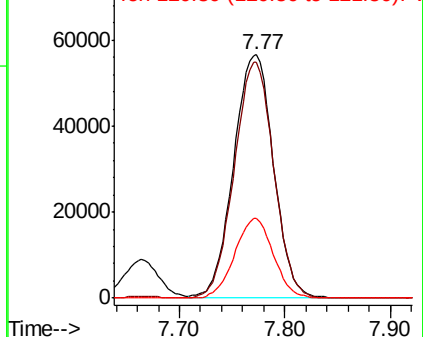


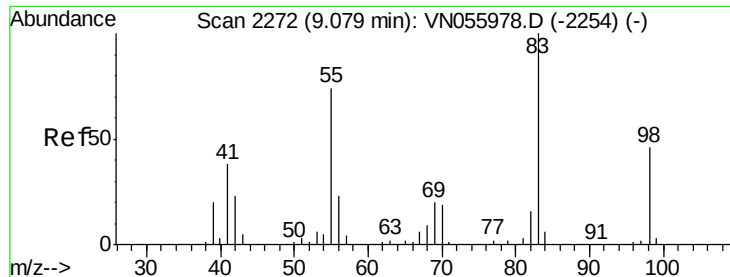
#38
Carbon Tetrachloride
Concen: 45.959 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 117 Resp: 147816
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.6
121 33.0 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

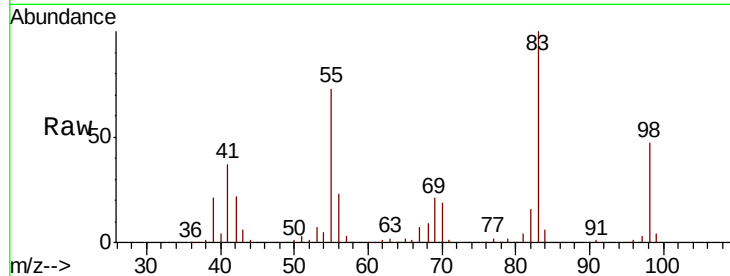




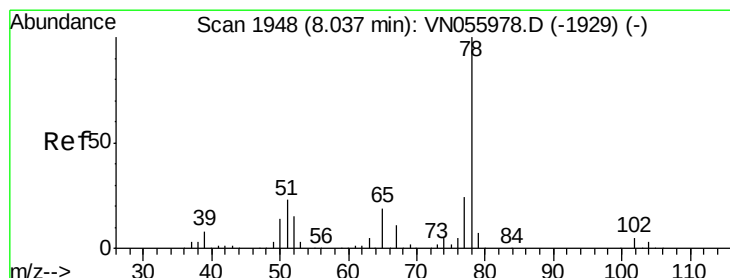
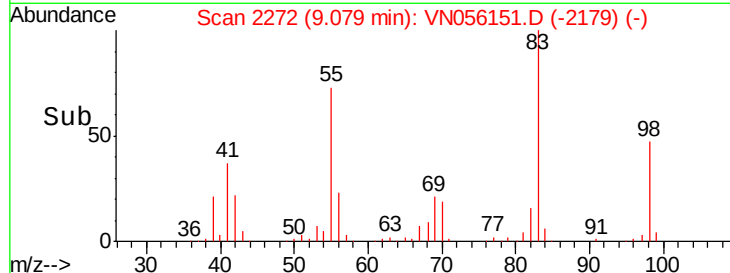
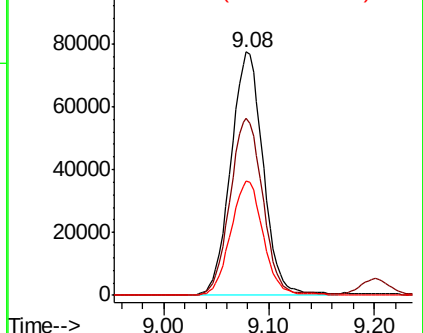
#39
Methylvlcyclohexane
Concen: 37.907 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 164733
Ion Ratio Lower Upper
83 100
55 72.6 59.3 88.9
98 46.8 36.6 54.8

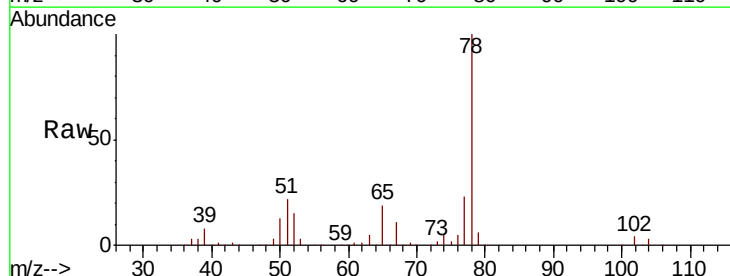


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

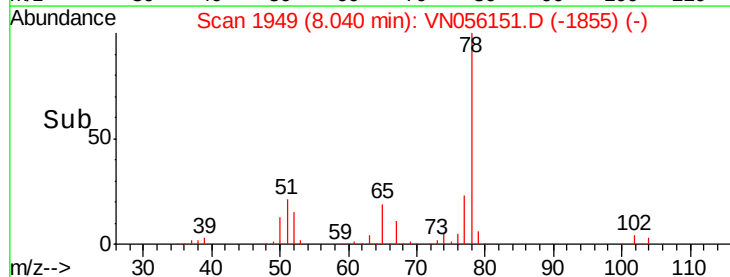
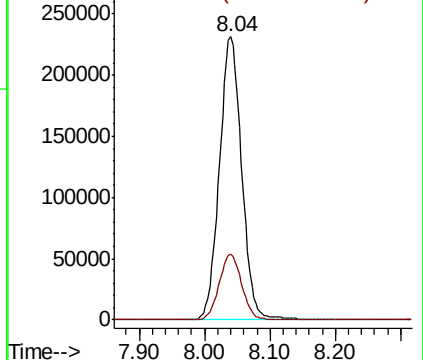


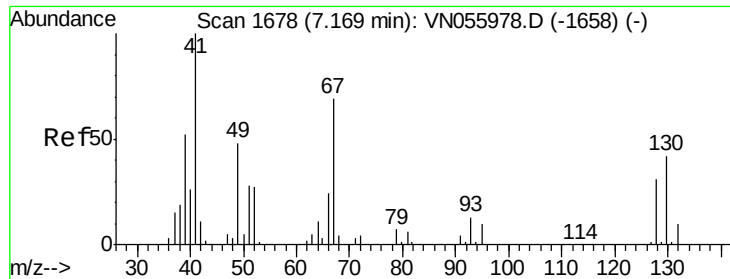
#40
Benzene
Concen: 51.803 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 78 Resp: 548877
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



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

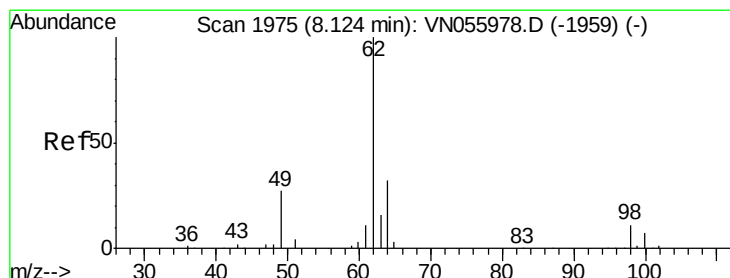
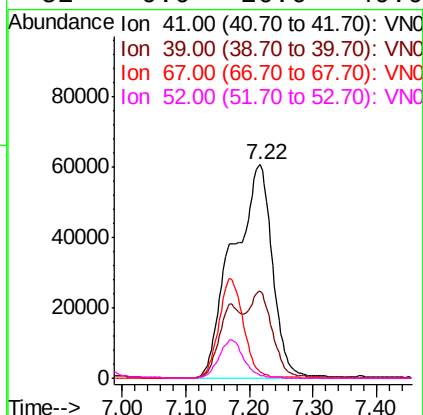
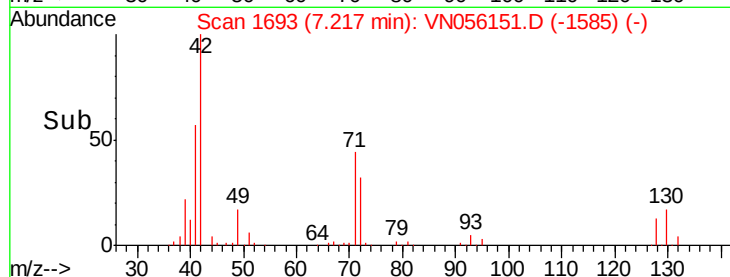
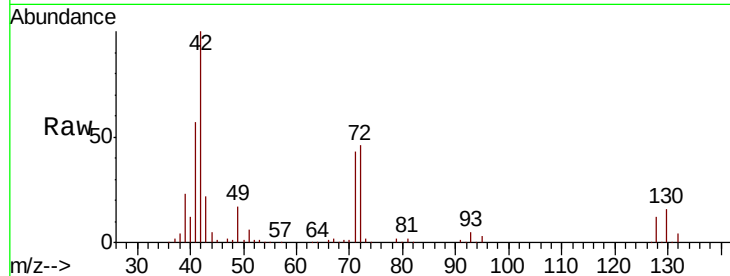




#41
Methacrylonitrile
Concen: 183.451 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

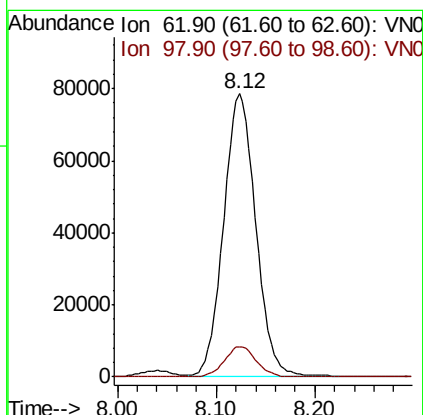
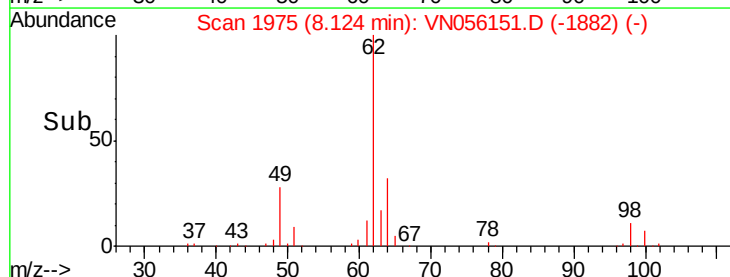
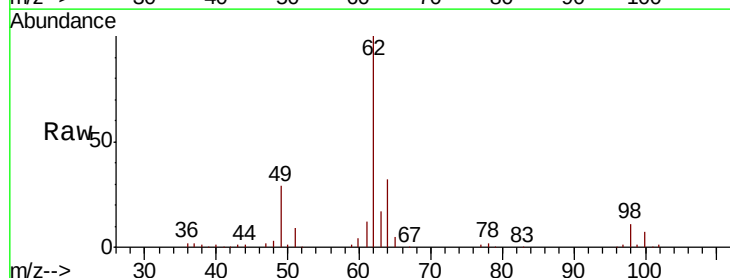
Instrument :
MSVOA_N
ClientSampled :

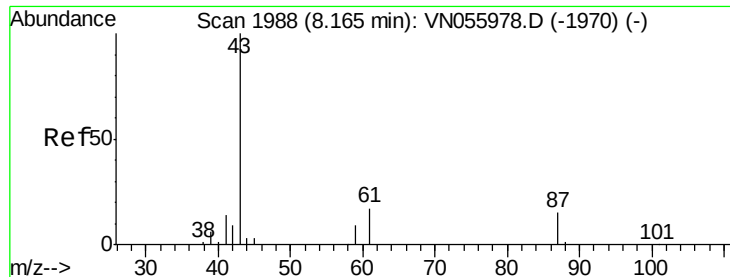
Tot Ion: 41 Resp: 261988
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#42
1,2-Dichloroethane
Concen: 52.284 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 62 Resp: 178194
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 43.994 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

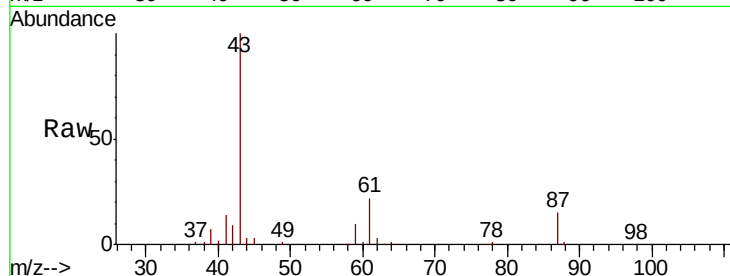
Tot Ion: 43 Resp: 221280

Ion Ratio Lower Upper

43 100

61 21.4 22.2 33.4#

87 14.8 11.4 17.2

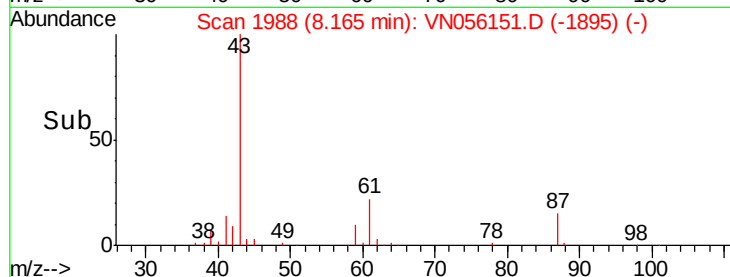


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17



Abundance

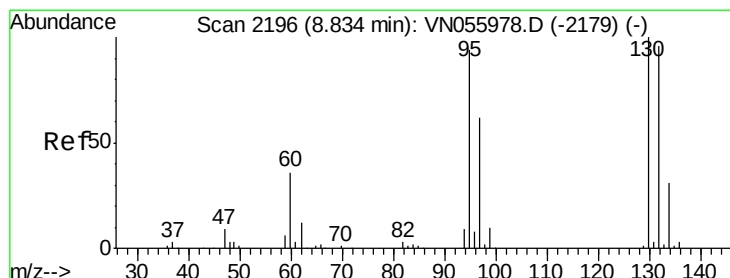
Ion 43.00 (42.70 to 43.70): VN056151.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056151.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056151.D (-1895) (-)

8.17

Time-->



#44

Trichloroethene

Concen: 48.602 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056151.D

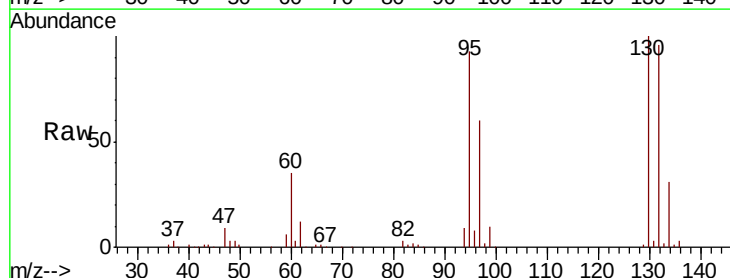
Acq: 8 Jun 2019 14:07

Tgt Ion:130 Resp: 147973

Ion Ratio Lower Upper

130 100

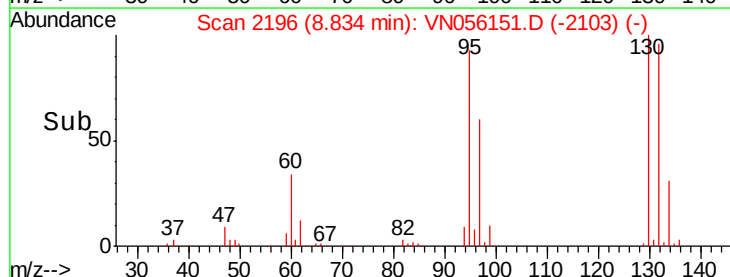
95 92.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83



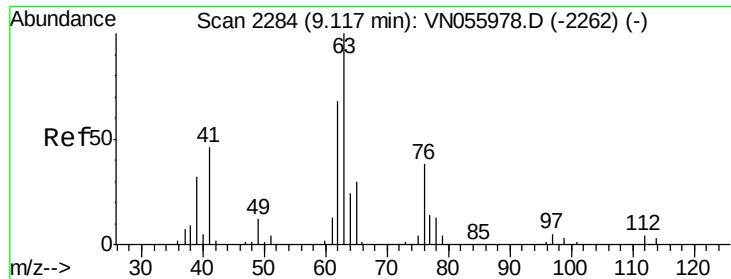
Abundance

Ion 129.80 (129.50 to 130.50): VN056151.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056151.D (-2103) (-)

8.83

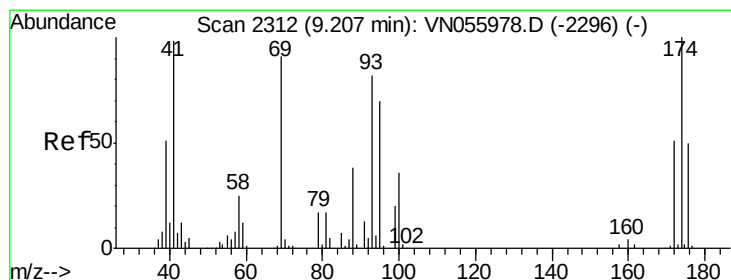
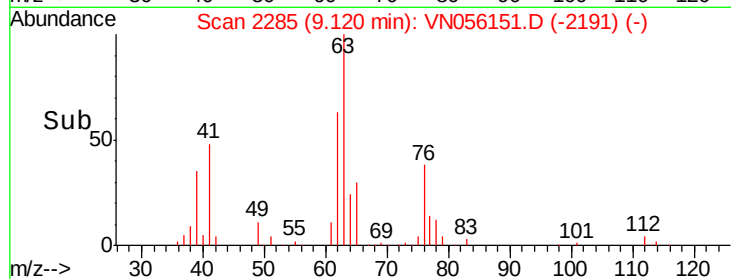
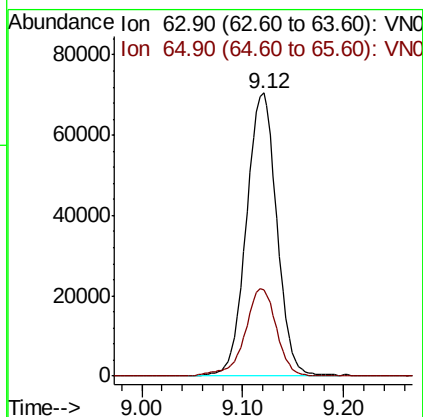
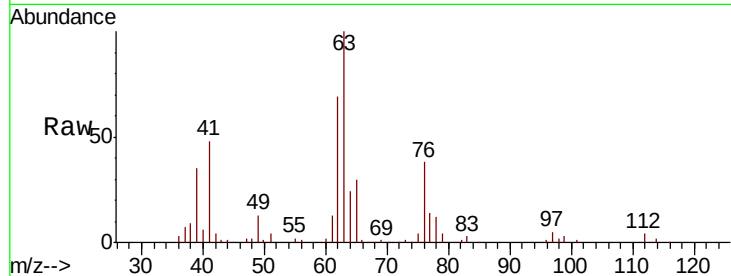
Time-->



#45
 1,2-Dichloropropane
 Concen: 54.286 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

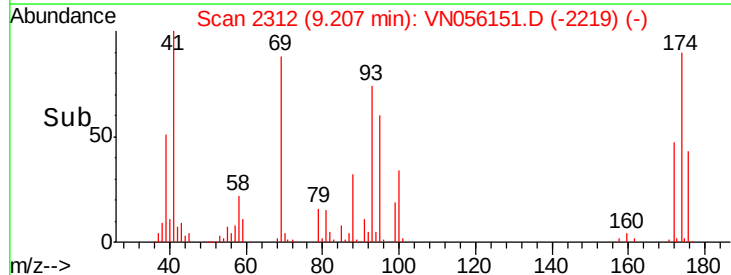
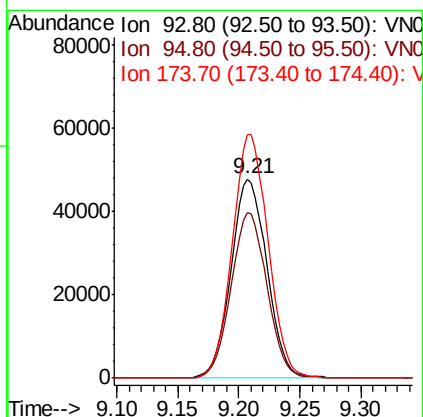
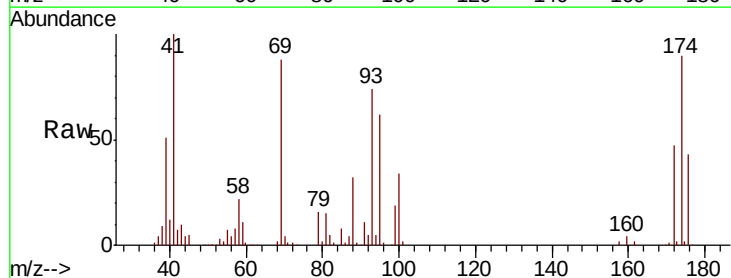
Instrument :
 MSVOA_N
 ClientSampled :

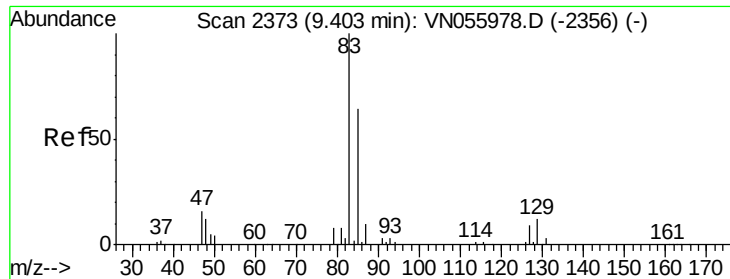
Tot Ion: 63 Resp: 147329
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 36.8



#46
 Dibromomethane
 Concen: 55.166 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 93 Resp: 97904
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 121.8 96.4 144.6





#47

Bromodichloromethane

Concen: 53.183 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

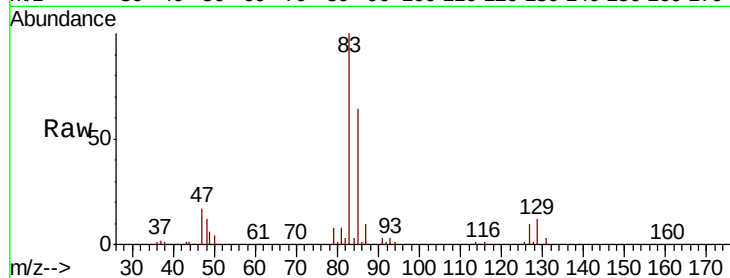
Tot Ion: 83 Resp: 171065

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

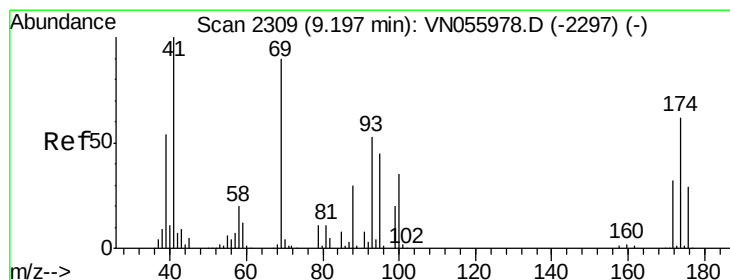
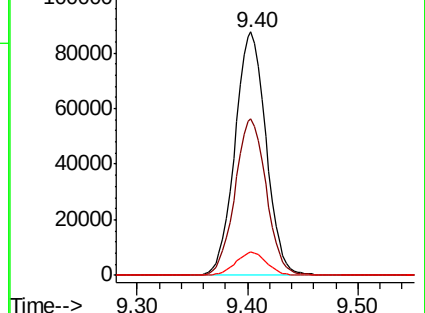
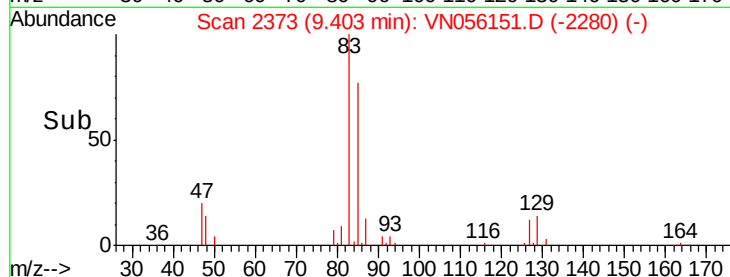
127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056151.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056151.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056151.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.189 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

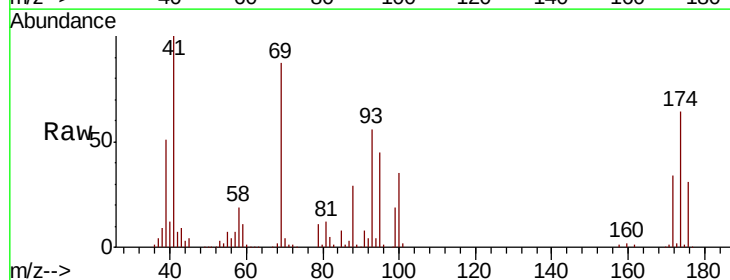
Tgt Ion: 41 Resp: 140726

Ion Ratio Lower Upper

41 100

69 89.3 71.0 106.6

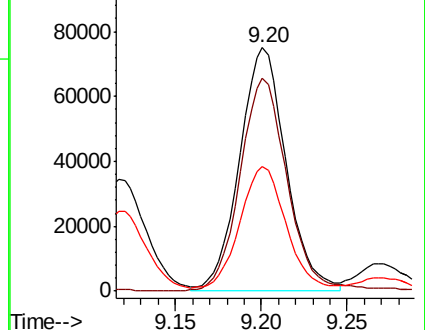
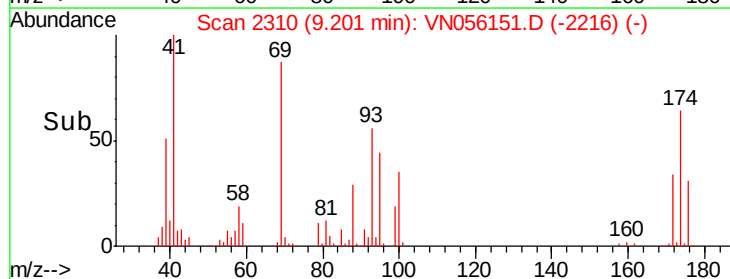
39 51.7 44.2 66.2

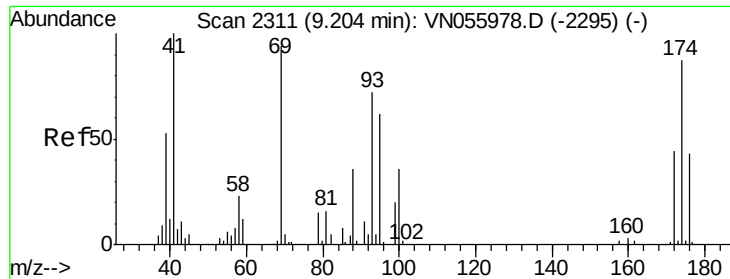


Abundance Ion 41.00 (40.70 to 41.70): VN056151.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056151.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056151.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1027.154 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

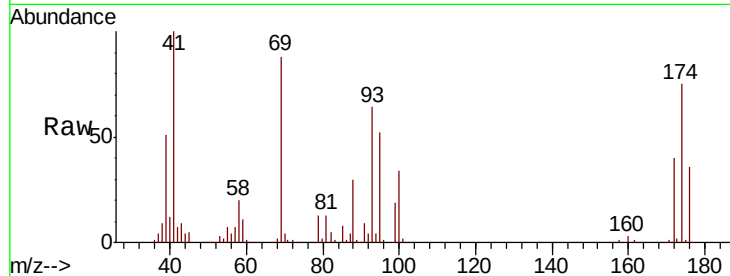
Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 54567

Ion	Ratio	Lower	Upper
88	100		
43	26.0	20.5	30.7
58	64.1	55.8	83.6



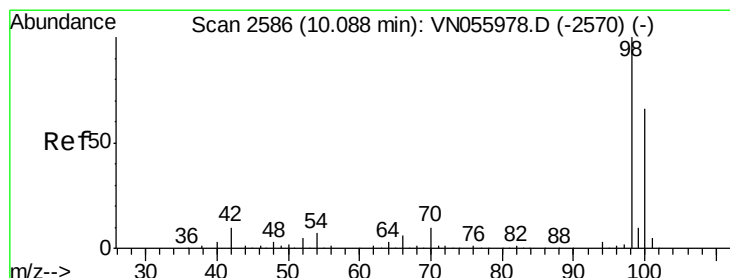
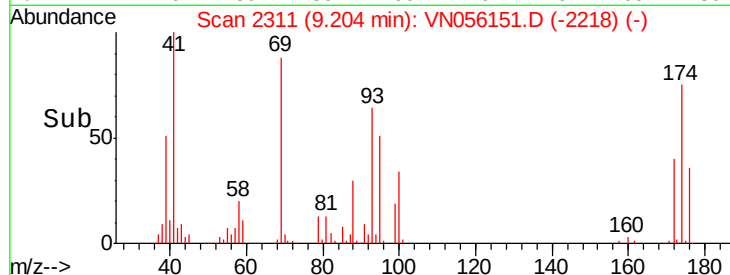
Abundance

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

Time-->



#50

Toluene-d8

Concen: 51.677 ug/l

RT: 10.09 min Scan# 2587

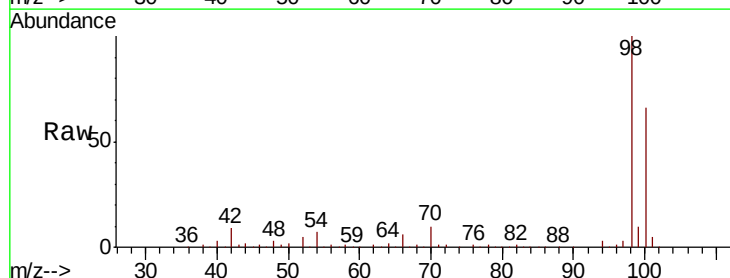
Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Tgt Ion: 98 Resp: 494974

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9

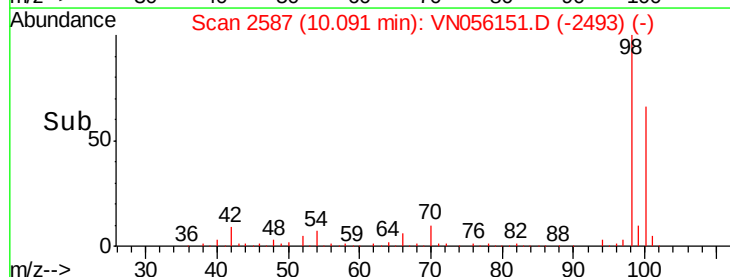


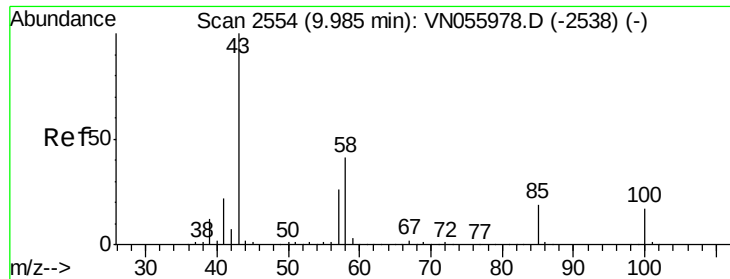
Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 287.871 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

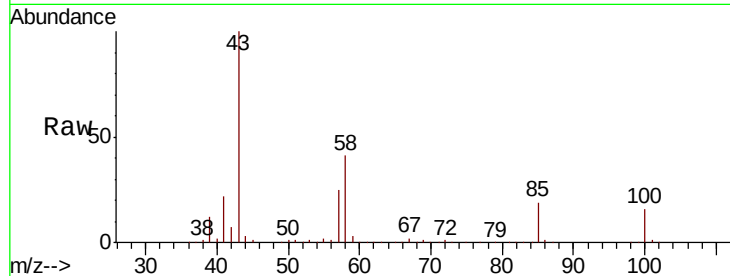
ClientSampleId :

Tot Ion: 43 Resp: 905473

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

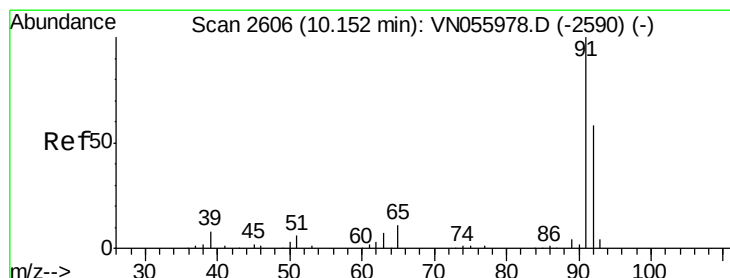
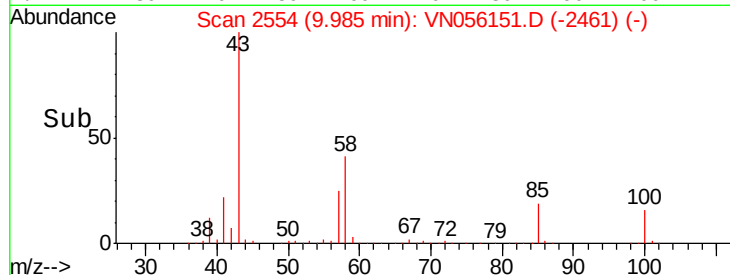
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.321 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056151.D

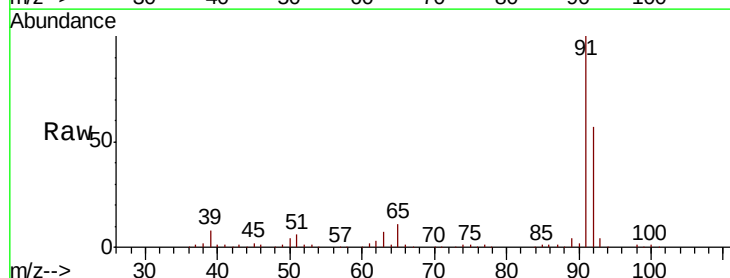
Acq: 8 Jun 2019 14:07

Tgt Ion: 92 Resp: 331774

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

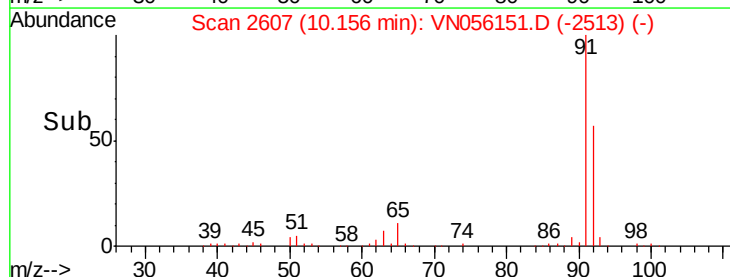
300000

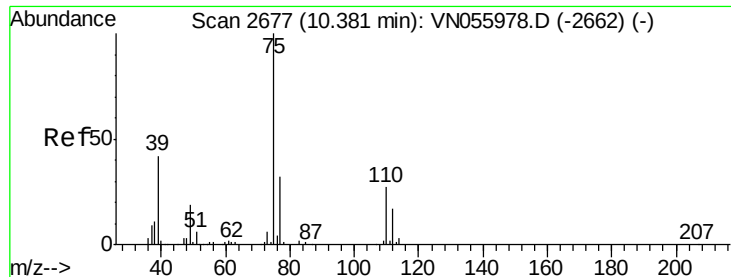
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 41.274 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

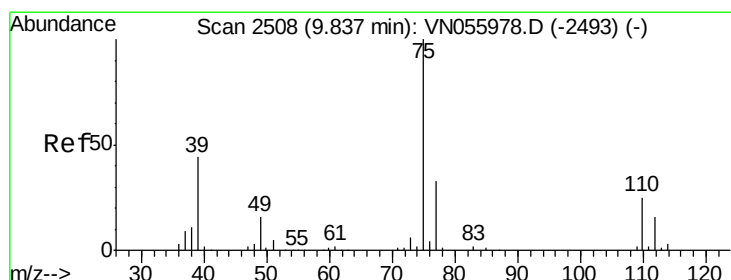
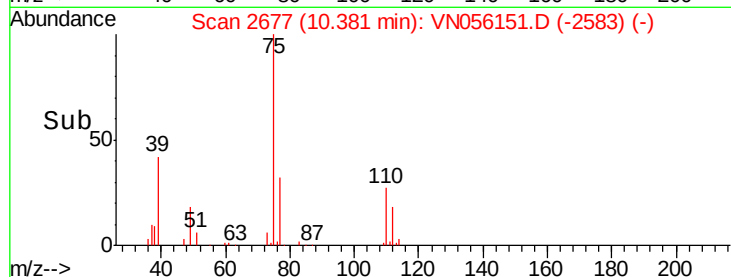
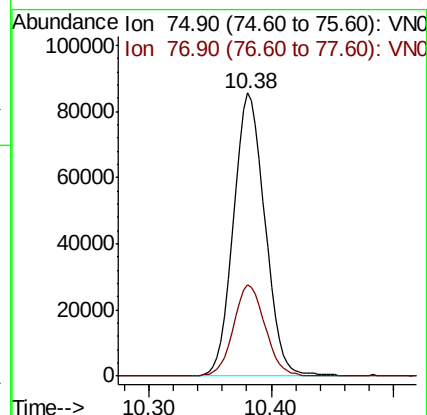
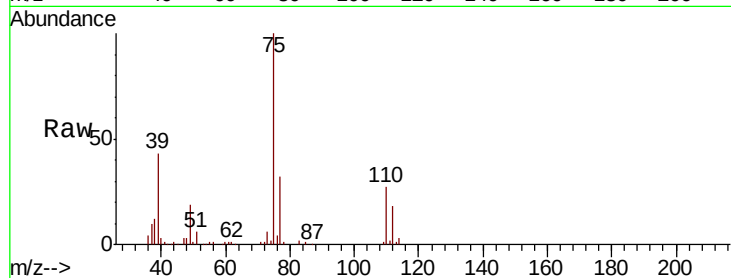
ClientSampled :

Tot Ion: 75 Resp: 153990

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.015 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

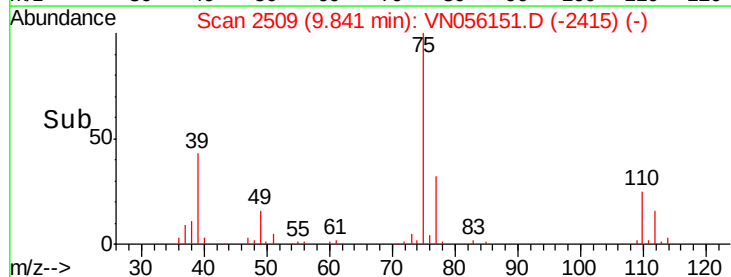
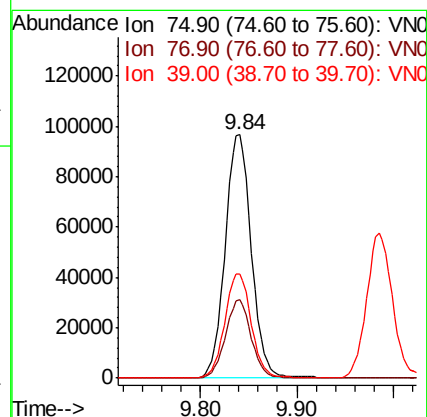
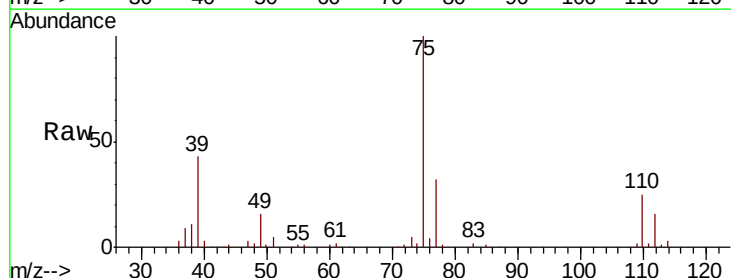
Tgt Ion: 75 Resp: 181772

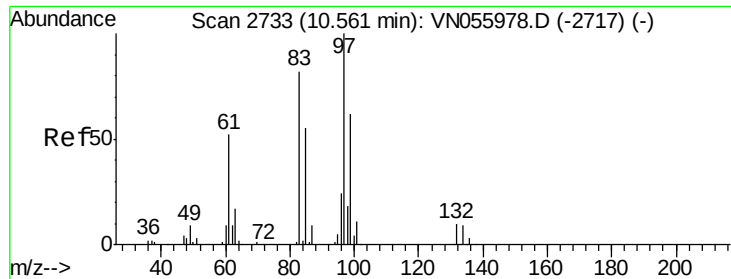
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 43.0 36.3 54.5

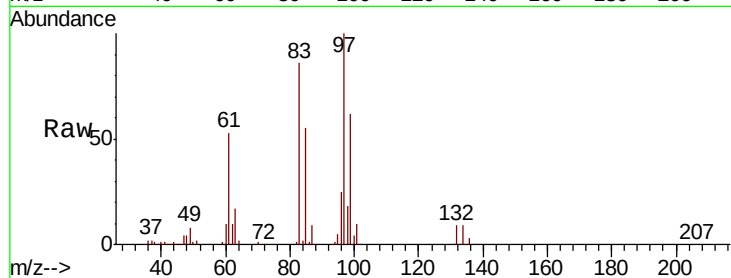




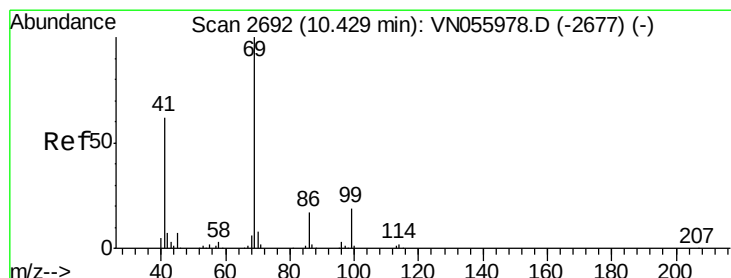
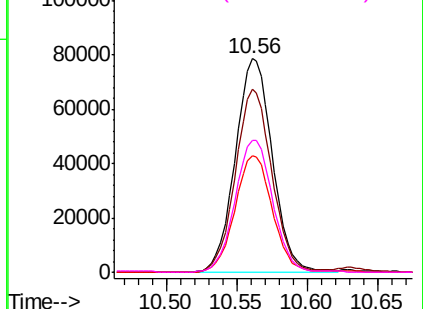
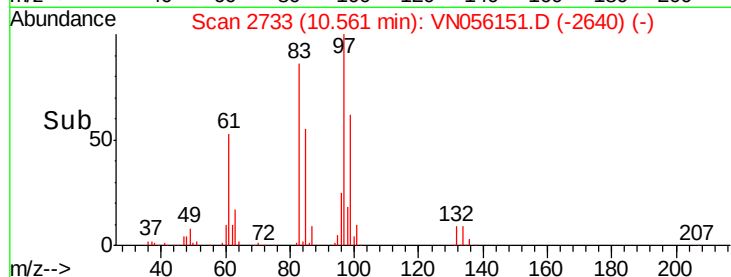
#55
 1,1,2-Trichloroethane
 Concen: 55.398 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 144679
 Ion Ratio Lower Upper
 97 100
 83 85.9 67.0 100.6
 85 54.7 44.0 66.0
 99 61.9 50.6 75.8

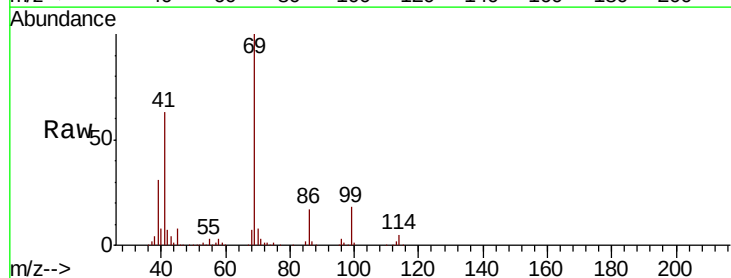


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

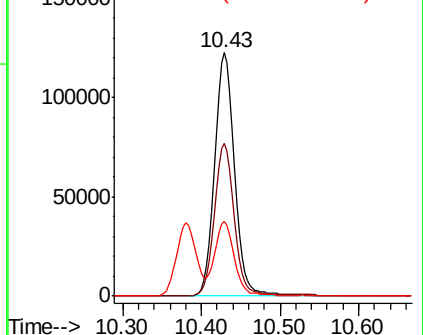
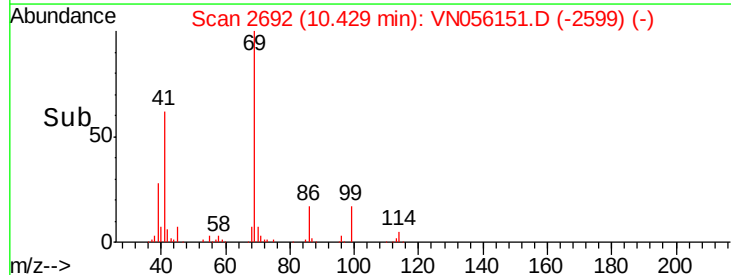


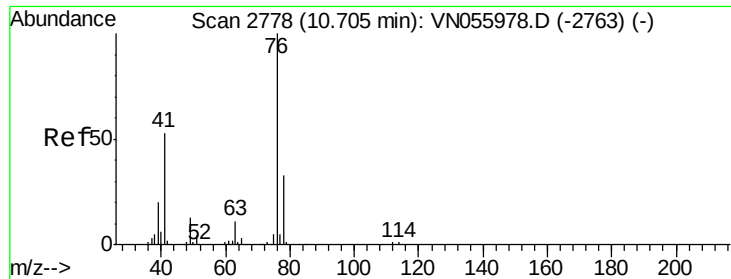
#56
 Ethyl methacrylate
 Concen: 56.296 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 69 Resp: 214494
 Ion Ratio Lower Upper
 69 100
 41 60.9 49.7 74.5
 39 30.2 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

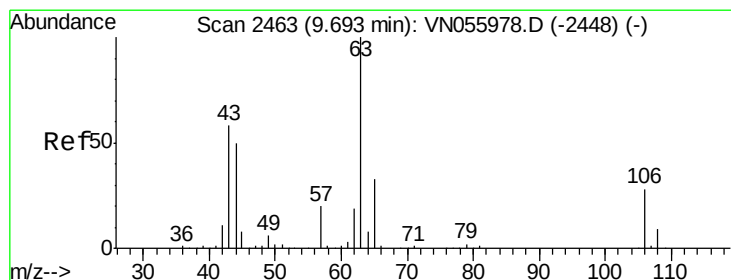
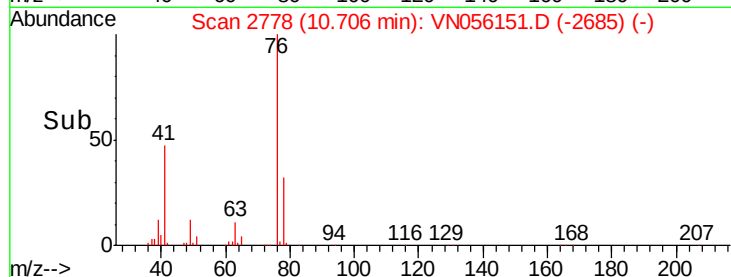
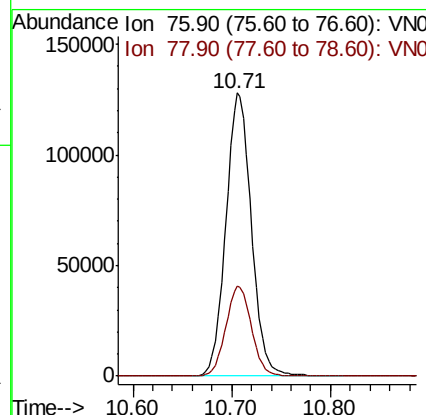
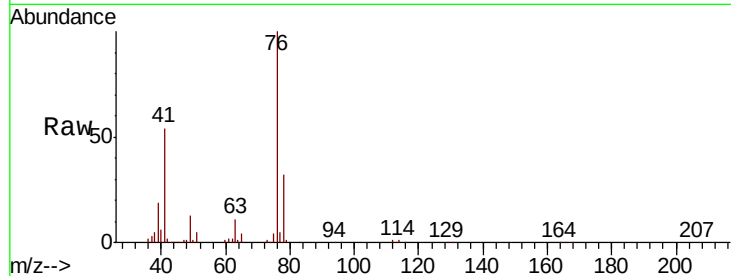




#57
 1,3-Dichloropropane
 Concen: 54.715 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

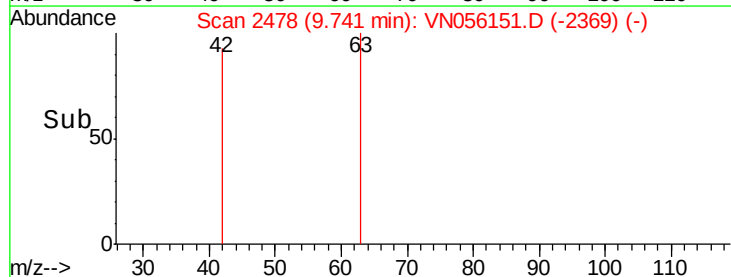
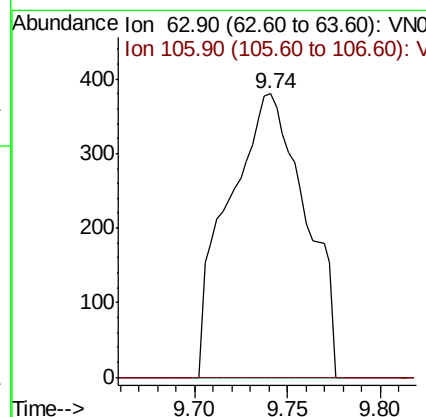
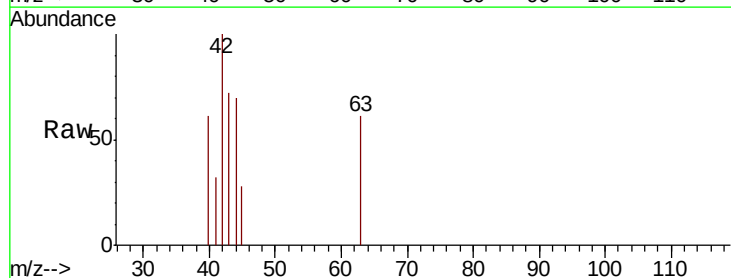
Instrument :
 MSVOA_N
 ClientSampleId :

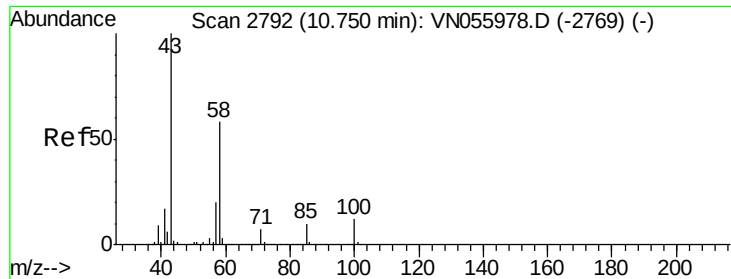
Tot Ion: 76 Resp: 232298
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.555 ug/l
 RT: 9.74 min Scan# 2478
 Delta R.T. 0.05 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion: 63 Resp: 1093
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

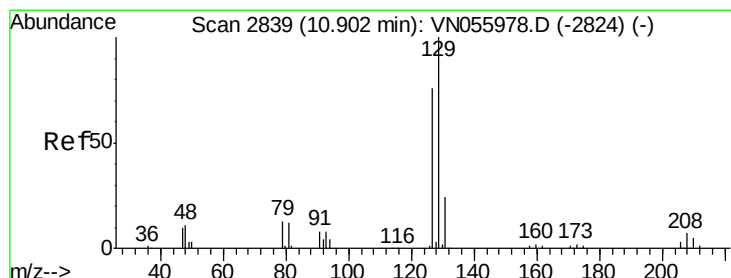
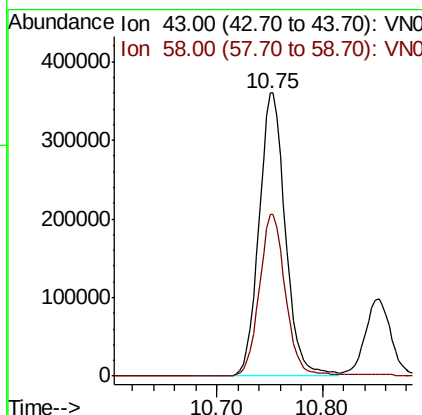
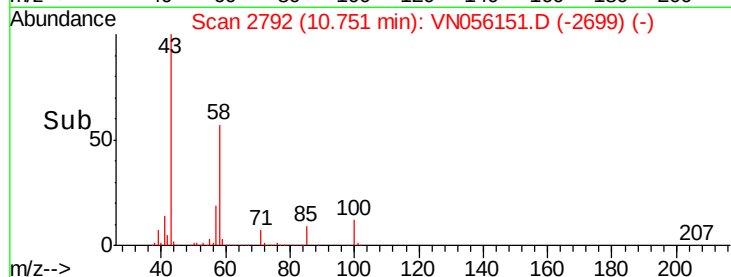
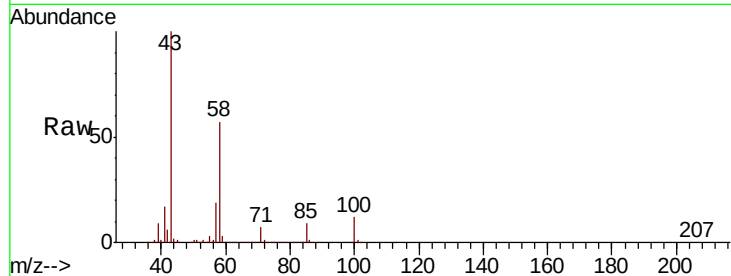




#59
2-Hexanone
Concen: 275.319 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

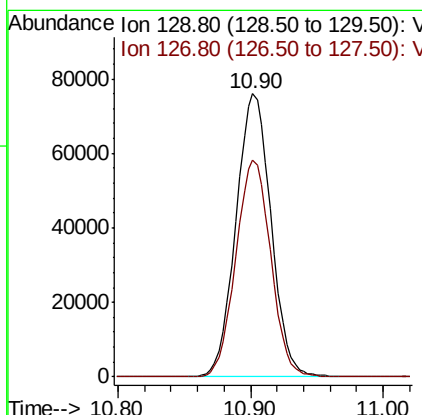
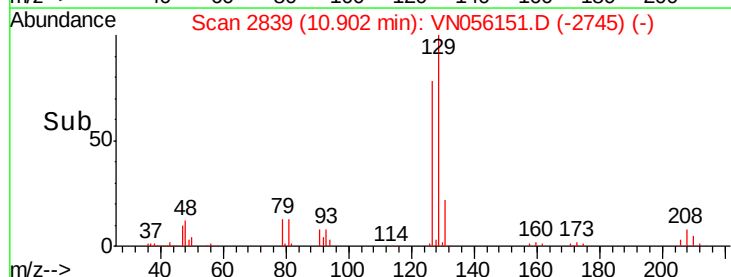
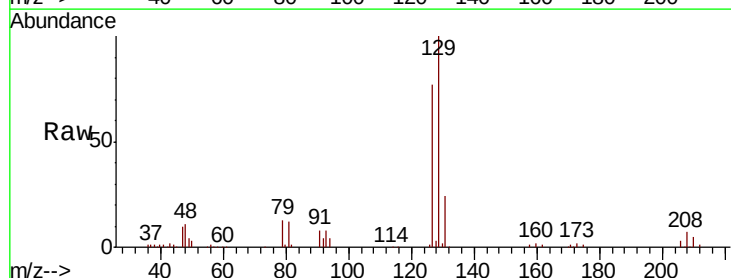
Instrument :
MSVOA_N
ClientSampleId :

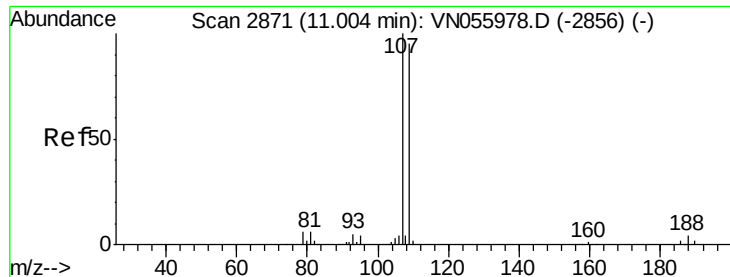
Tot Ion: 43 Resp: 627651
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 48.539 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 129 Resp: 139593
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 56.189 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

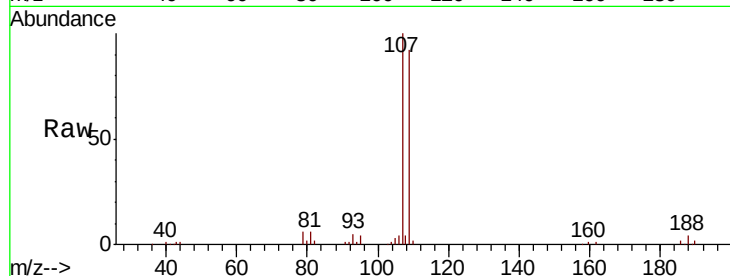
ClientSampleId :

Tot Ion: 107 Resp: 150018

Ion Ratio Lower Upper

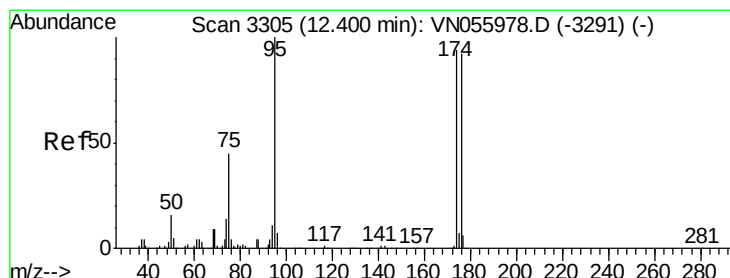
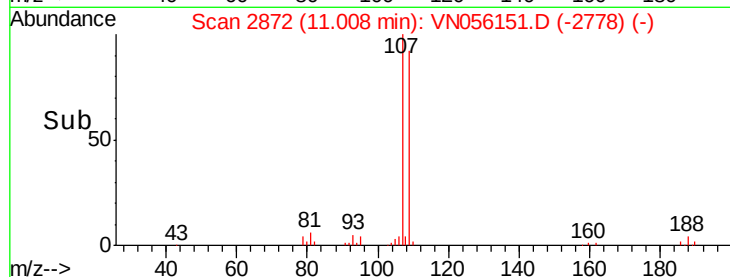
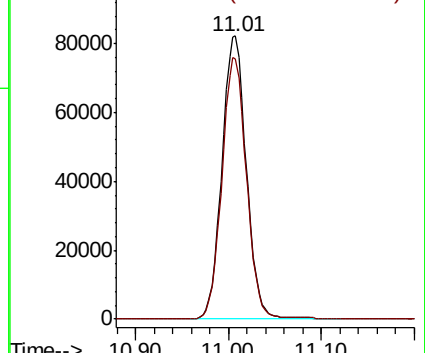
107 100

109 92.5 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: 52.195 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

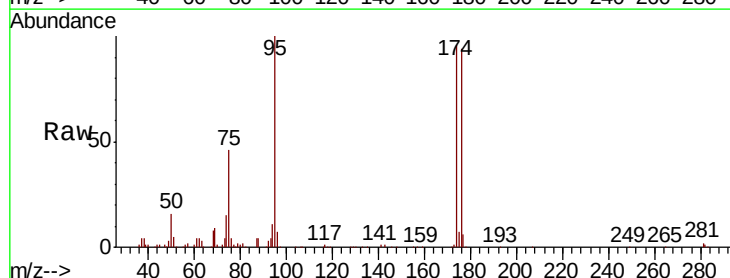
Tgt Ion: 95 Resp: 170016

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

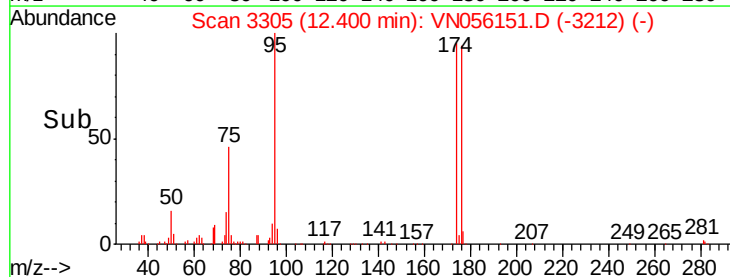
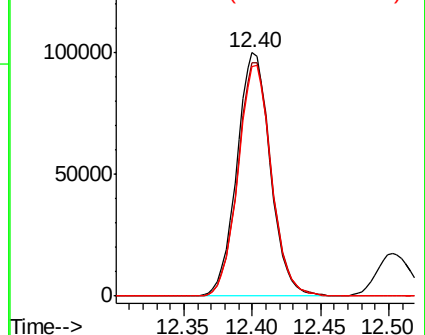
176 94.3 0.0 185.2

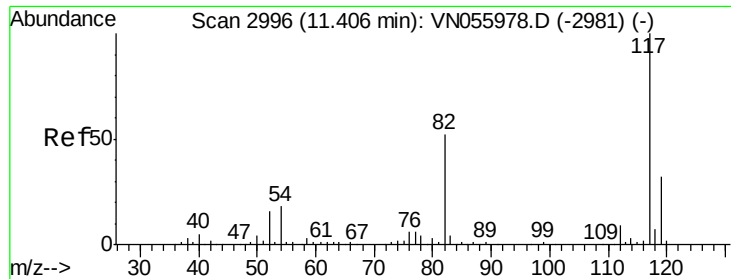


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

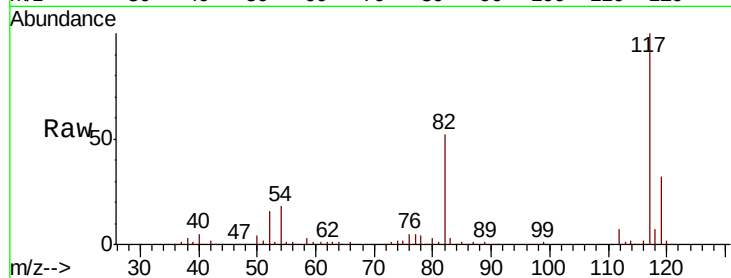




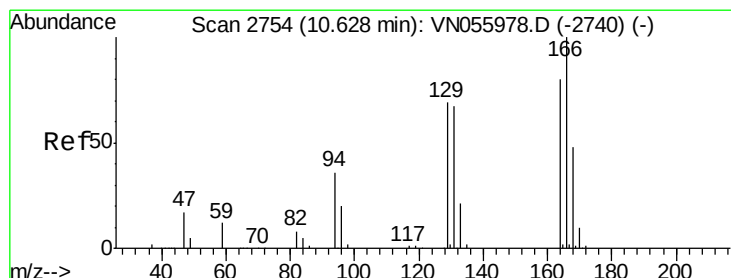
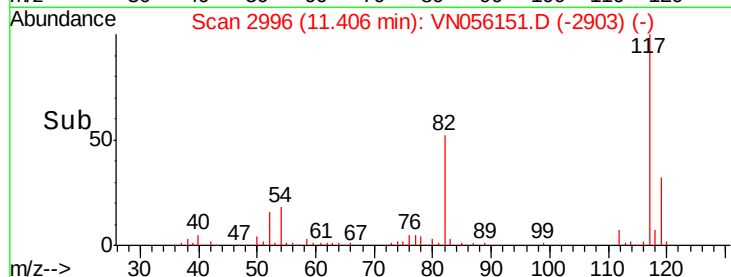
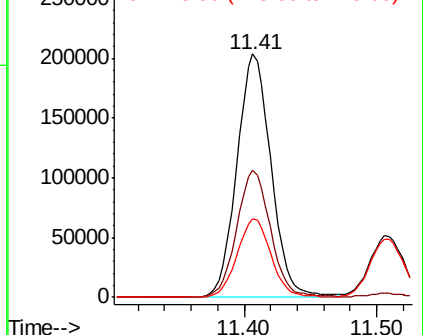
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 364606
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.1 25.4 38.0

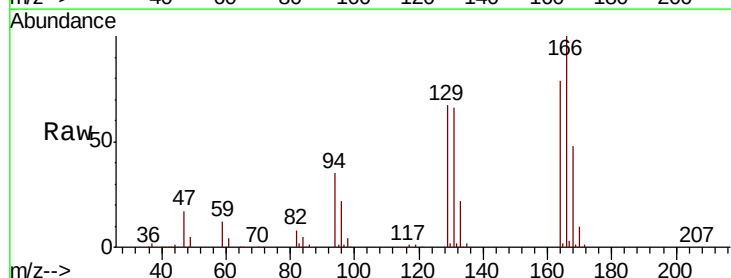


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

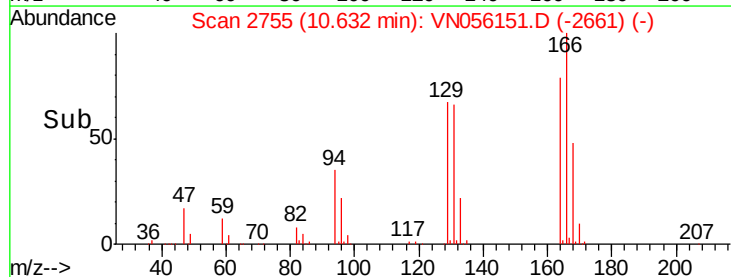
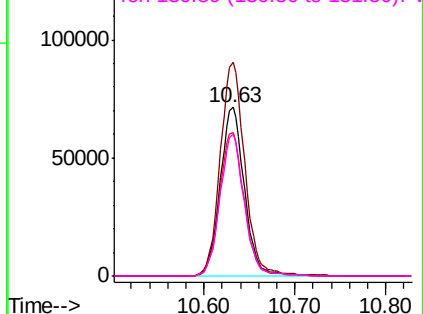


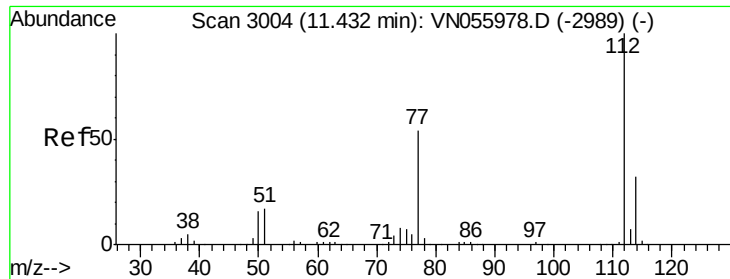
#64
Tetrachloroethene
Concen: 41.867 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion:164 Resp: 132134
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 84.8 70.6 105.8
131 84.1 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

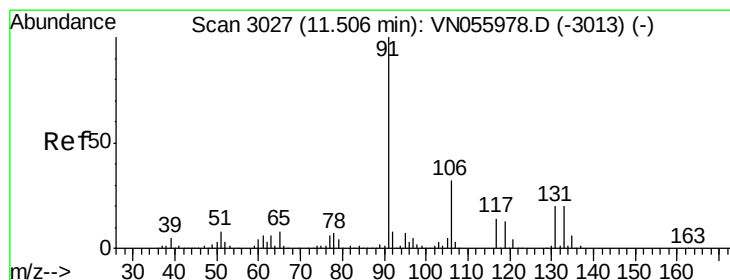
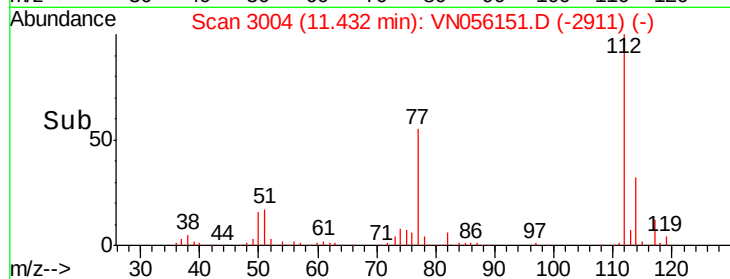
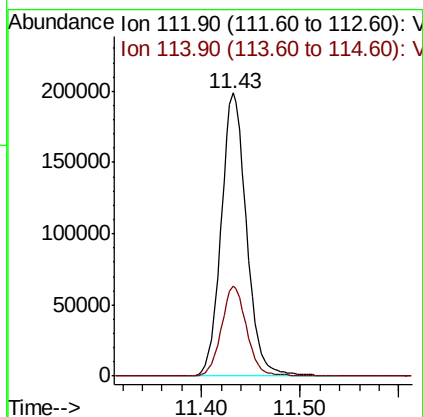
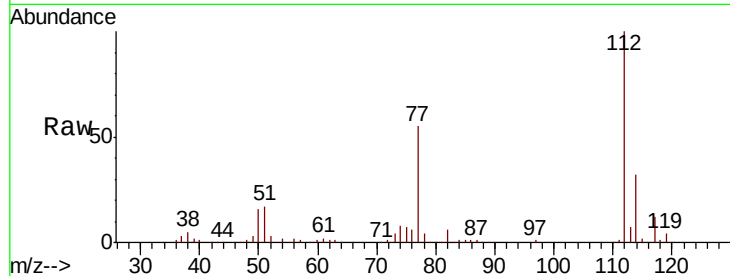




#65
Chlorobenzene
Concen: 49.174 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

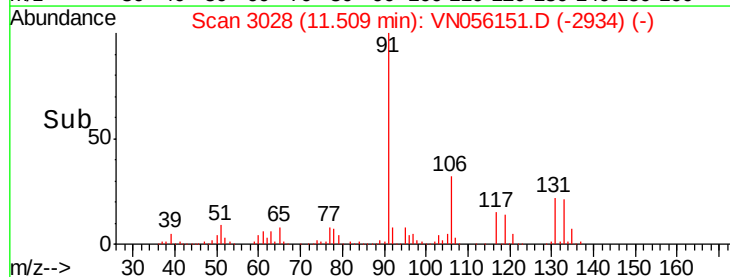
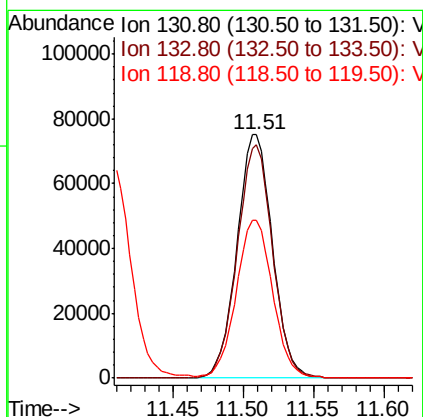
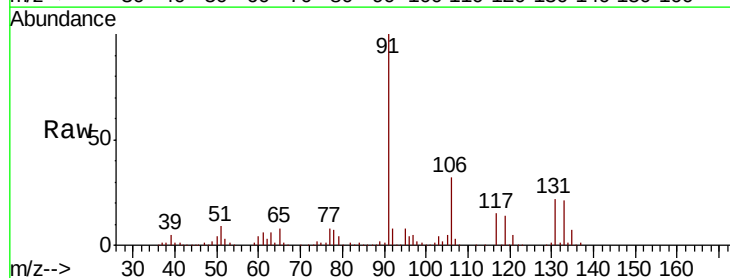
Instrument :
MSVOA_N
ClientSampled :

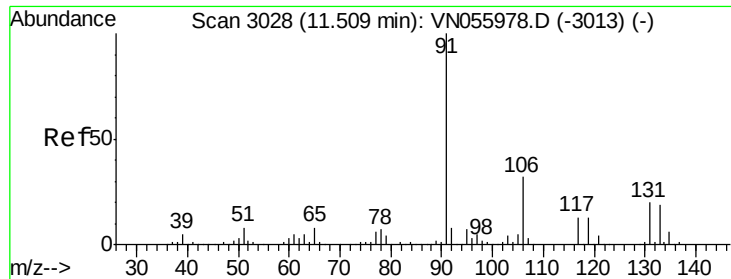
Tot Ion:112 Resp: 356826
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.850 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion:131 Resp: 132417
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.8 33.1 99.5

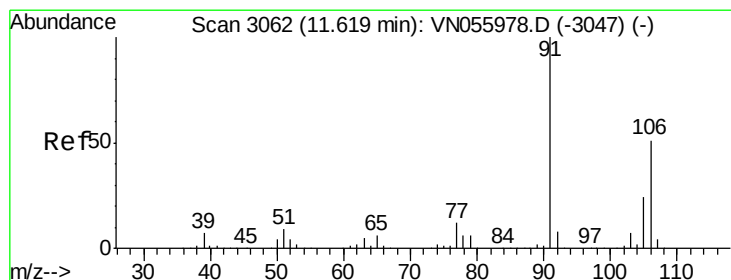
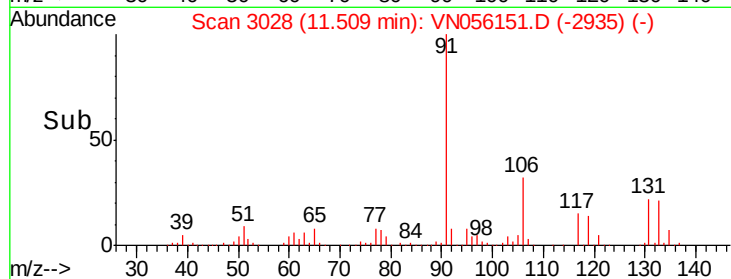
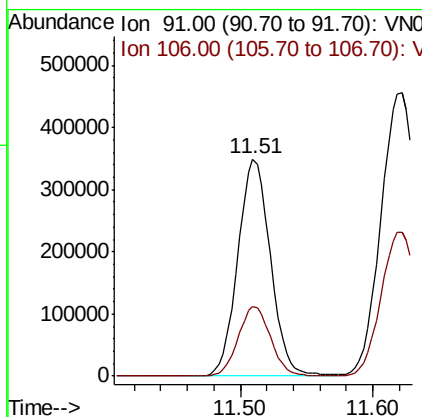
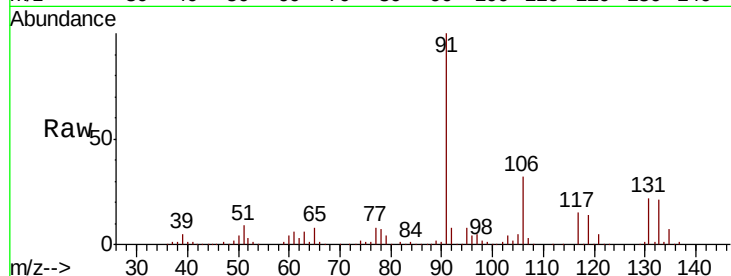




#67
Ethyl Benzene
Concen: 47.448 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

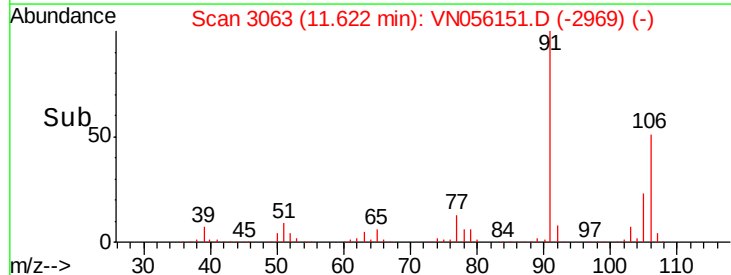
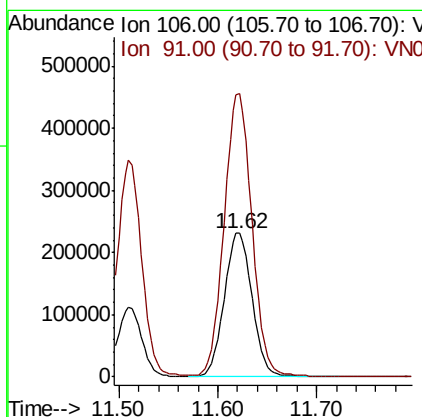
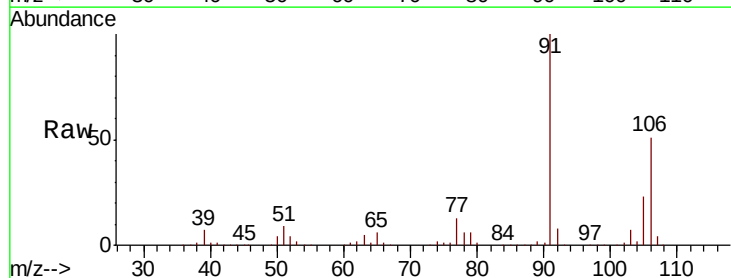
Instrument :
MSVOA_N
ClientSampled :

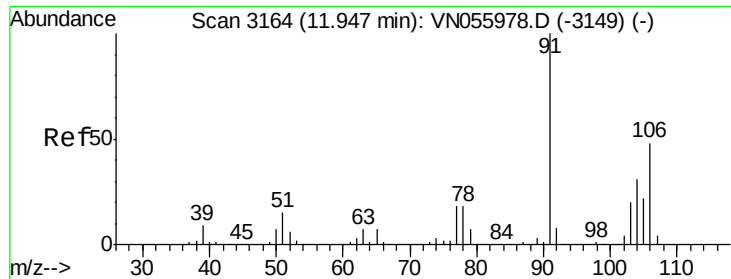
Tot Ion: 91 Resp: 598683
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 95.150 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion: 106 Resp: 458631
Ion Ratio Lower Upper
106 100
91 196.8 159.3 238.9

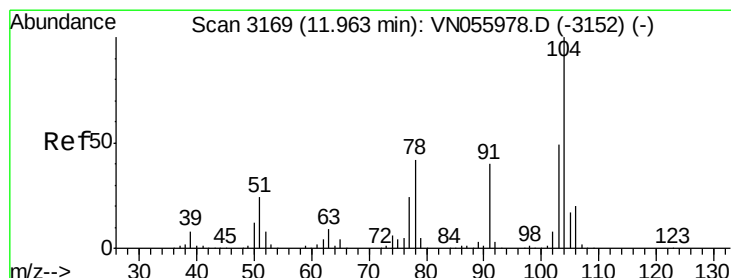
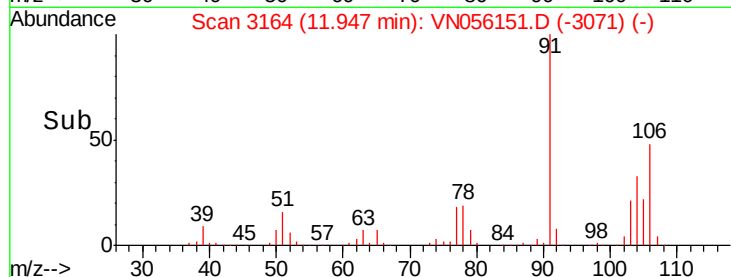
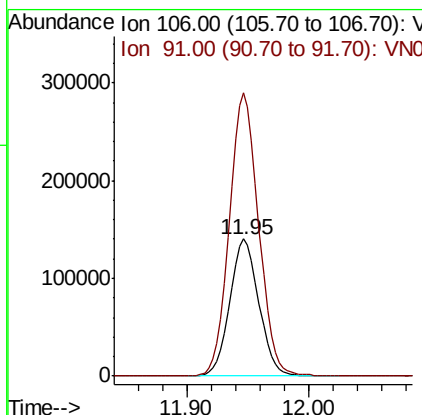
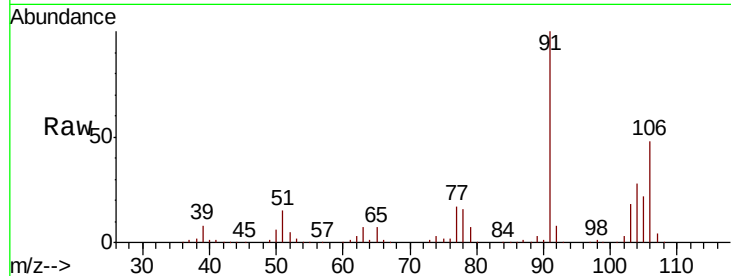




#69
o-Xylene
Concen: 49.061 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

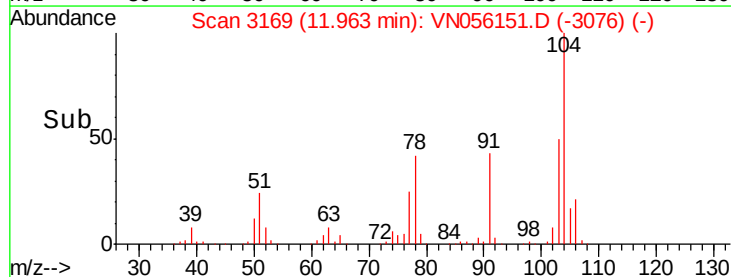
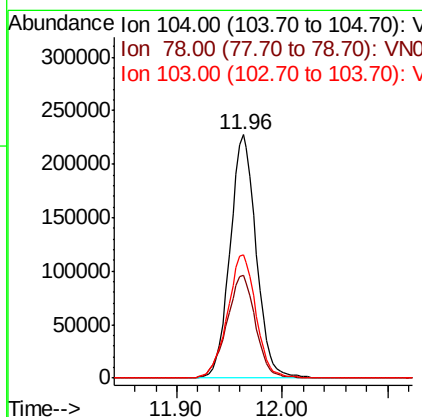
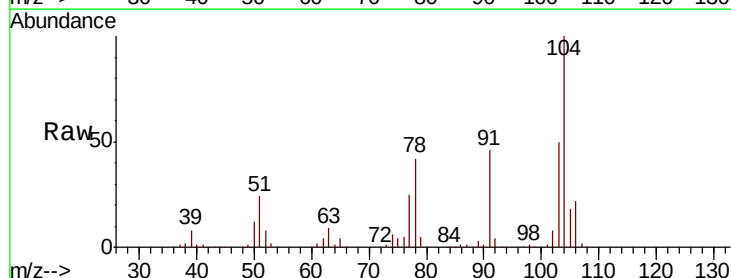
Instrument :
MSVOA_N
ClientSampled :

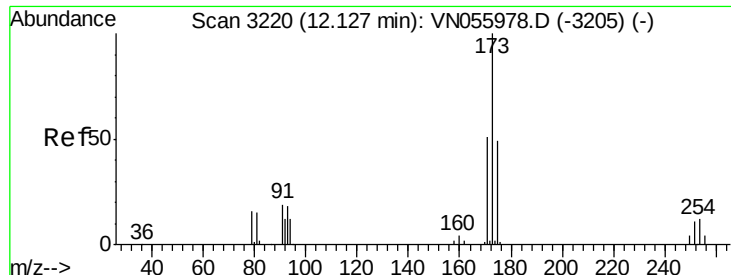
Tot Ion:106 Resp: 232617
Ion Ratio Lower Upper
106 100
91 208.2 104.7 314.1



#70
Styrene
Concen: 51.694 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion:104 Resp: 389429
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 47.331 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

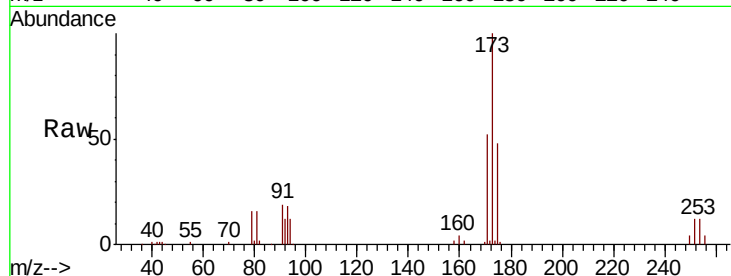
Tot Ion:173 Resp: 99237

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

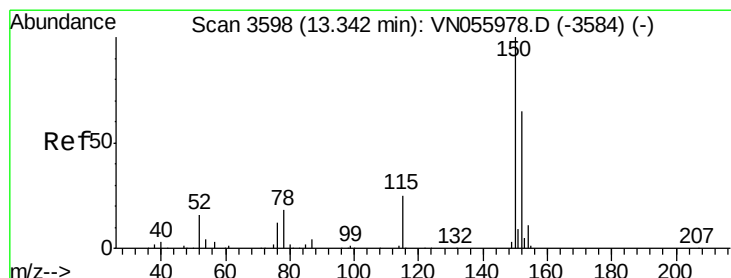
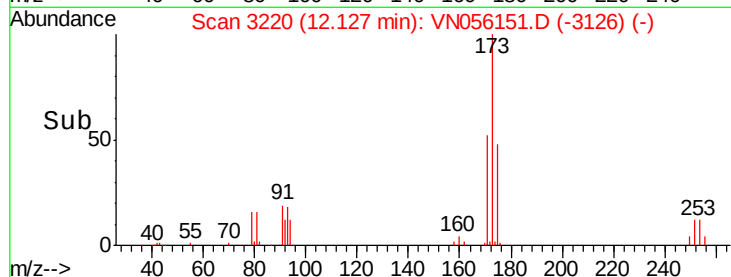
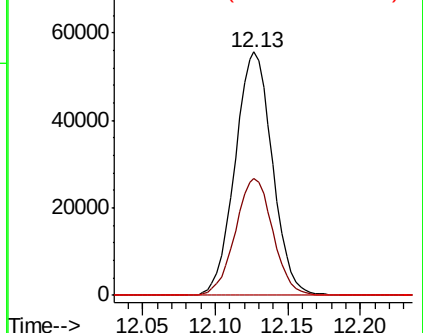
254 0.0 0.0 0.0



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: VN056151.D

Acq: 8 Jun 2019 14:07

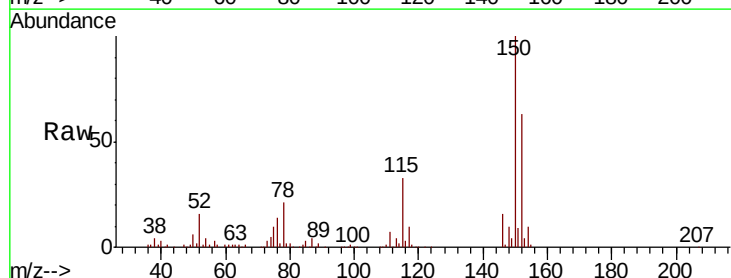
Tgt Ion:152 Resp: 158933

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

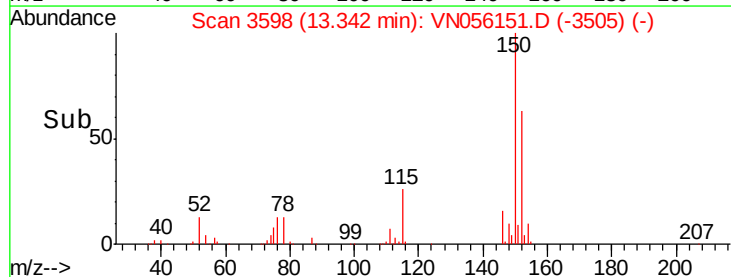
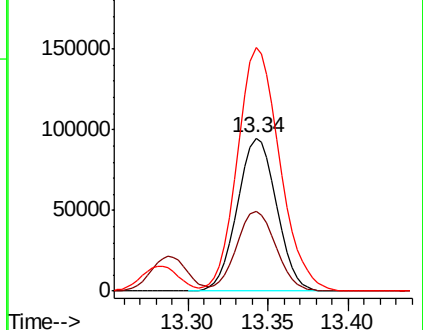
150 171.6 0.0 343.2

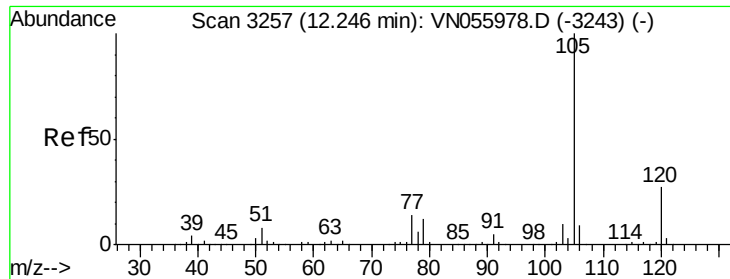


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.458 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

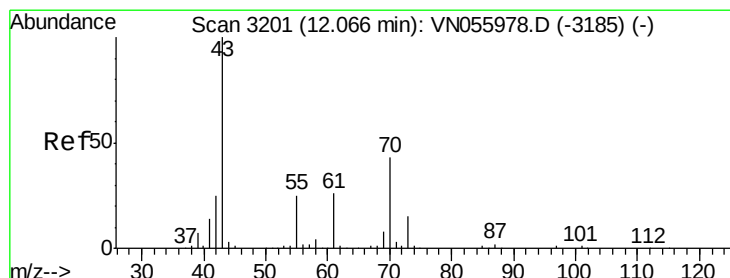
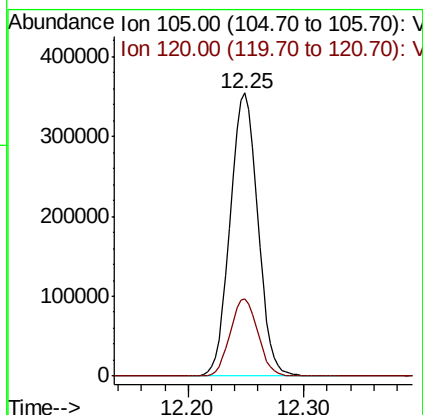
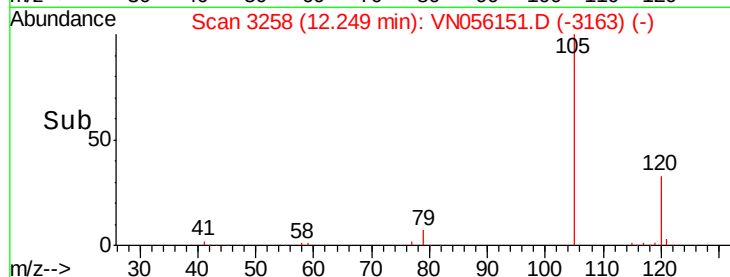
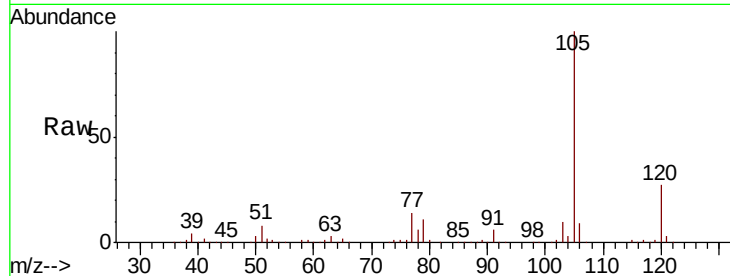
ClientSampleId :

Tot Ion:105 Resp: 582158

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 36.843 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Tgt Ion: 43 Resp: 156090

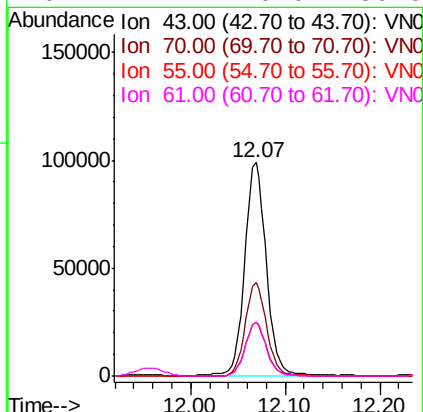
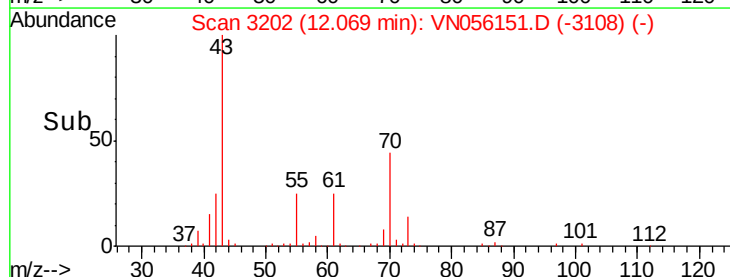
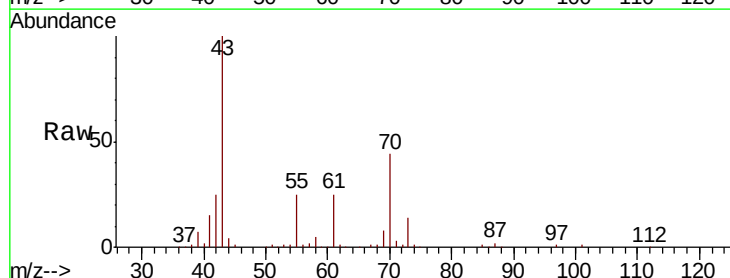
Ion Ratio Lower Upper

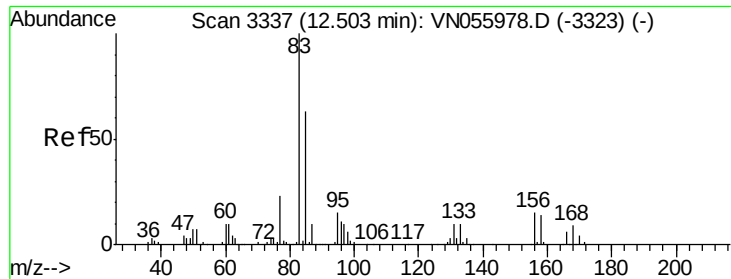
43 100

70 43.5 34.0 51.0

55 25.2 18.6 28.0

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.736 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

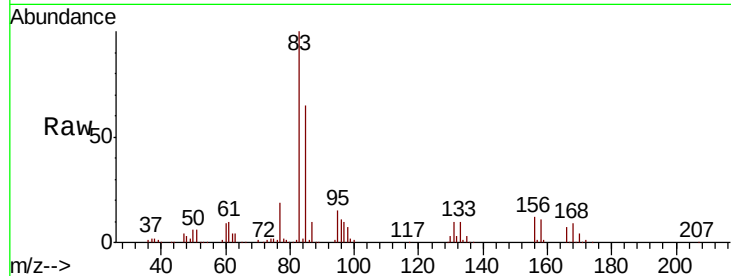
Tot Ion: 83 Resp: 201950

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

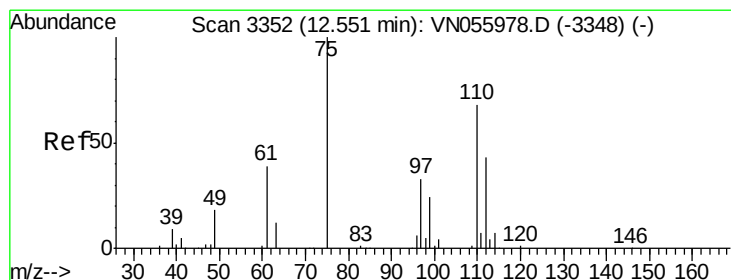
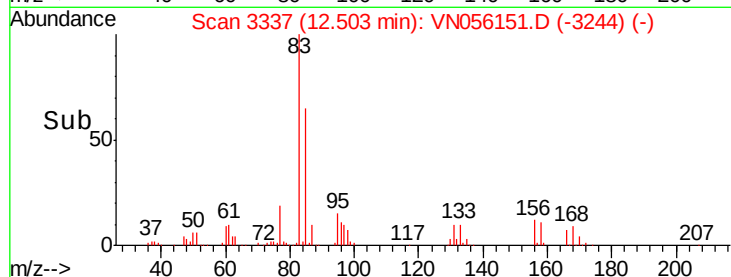
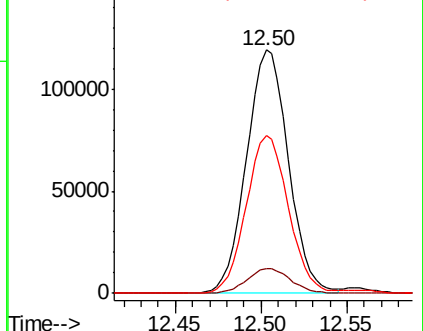
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.744 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056151.D

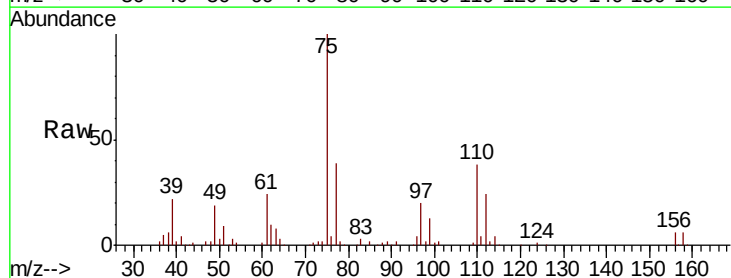
Acq: 8 Jun 2019 14:07

Tgt Ion: 75 Resp: 215660

Ion Ratio Lower Upper

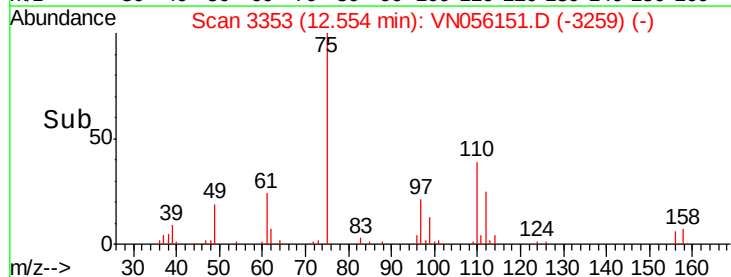
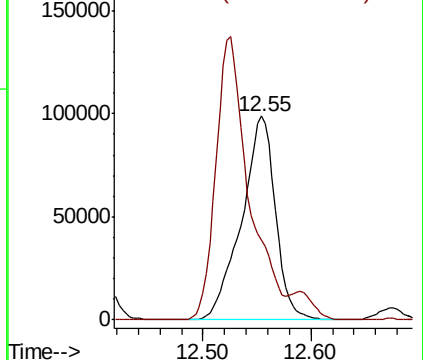
75 100

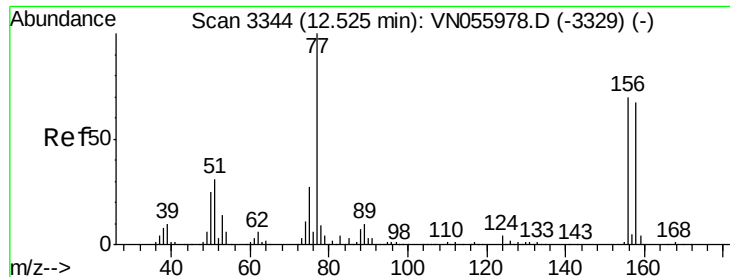
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.348 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

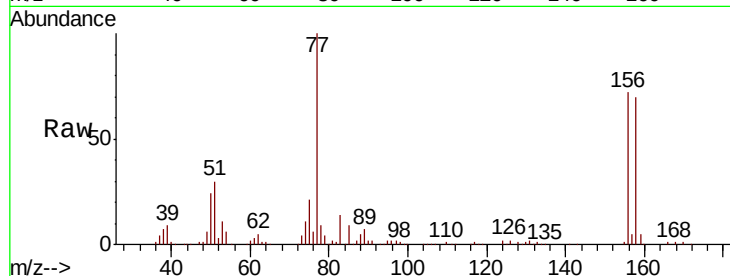
Tot Ion:156 Resp: 171319

Ion Ratio Lower Upper

156 100

77 171.1 90.8 272.5

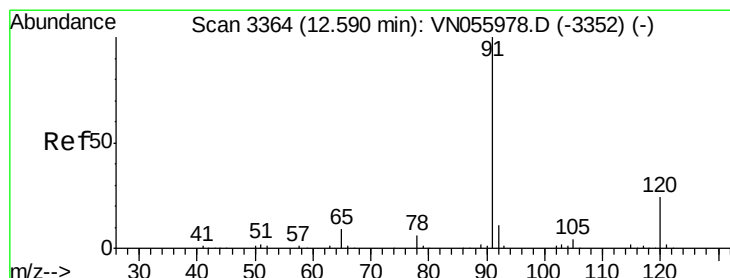
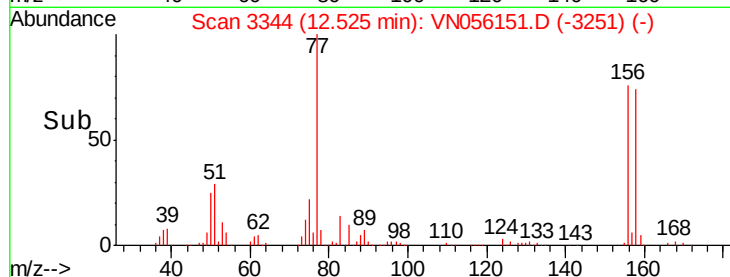
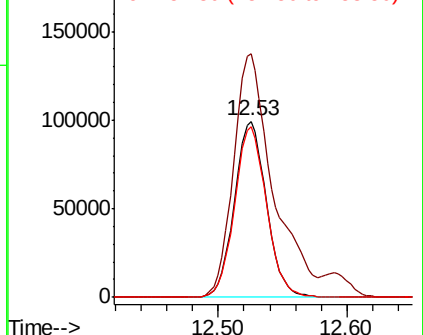
158 96.8 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.306 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056151.D

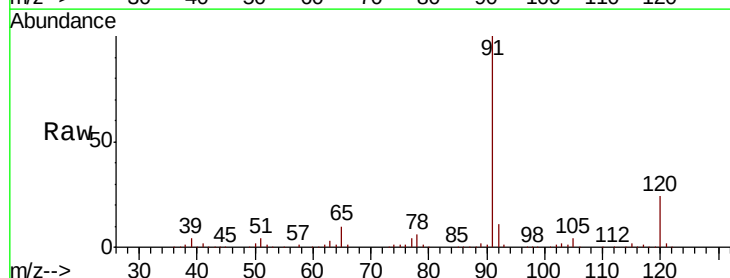
Acq: 8 Jun 2019 14:07

Tgt Ion: 91 Resp: 609171

Ion Ratio Lower Upper

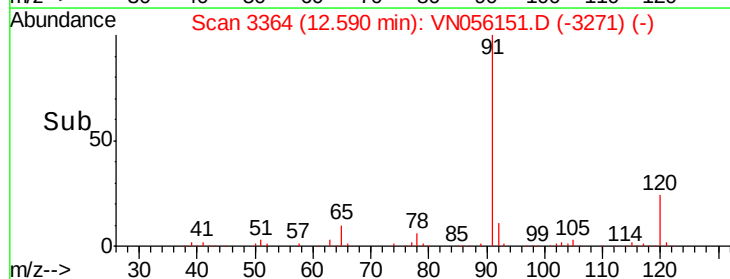
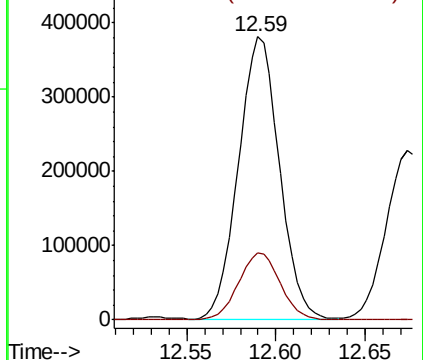
91 100

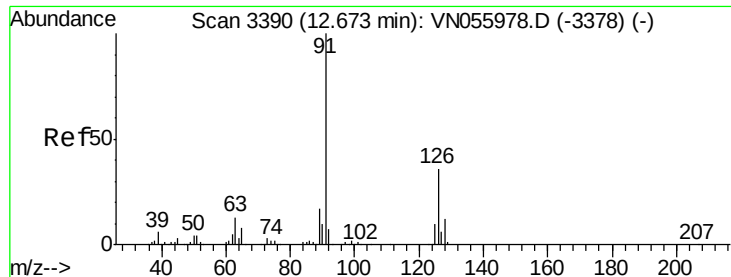
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.099 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

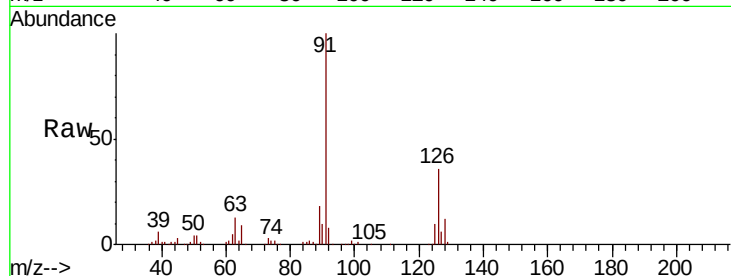
ClientSampled :

Tot Ion: 91 Resp: 387819

Ion Ratio Lower Upper

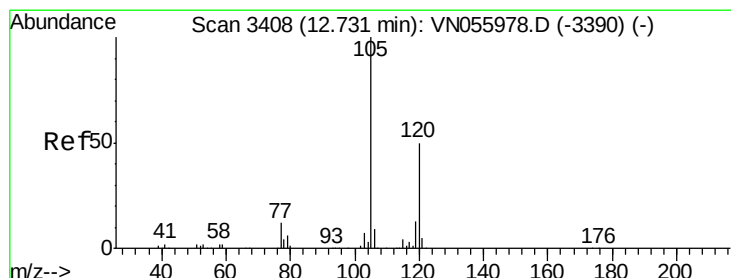
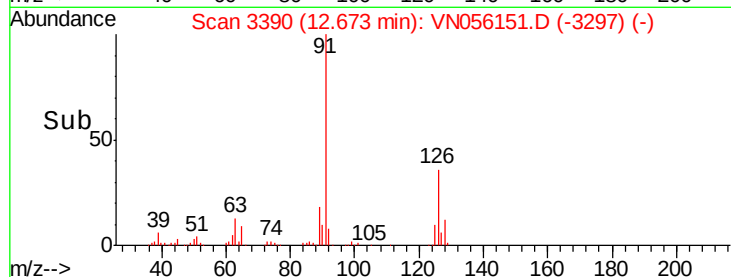
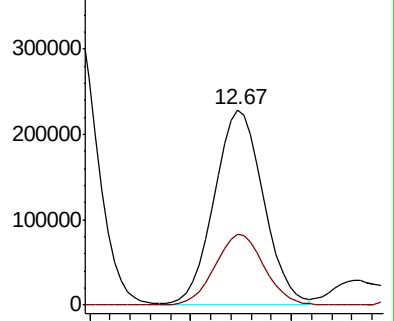
91 100

126 36.7 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.148 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056151.D

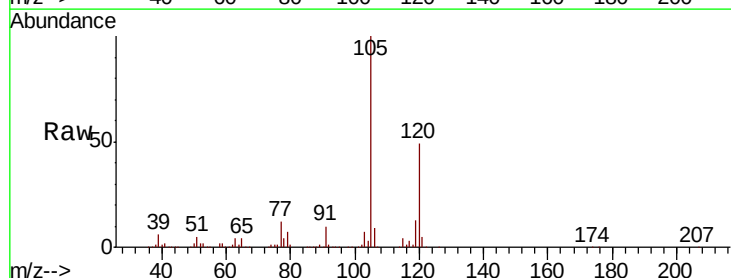
Acq: 8 Jun 2019 14:07

Tgt Ion: 105 Resp: 482452

Ion Ratio Lower Upper

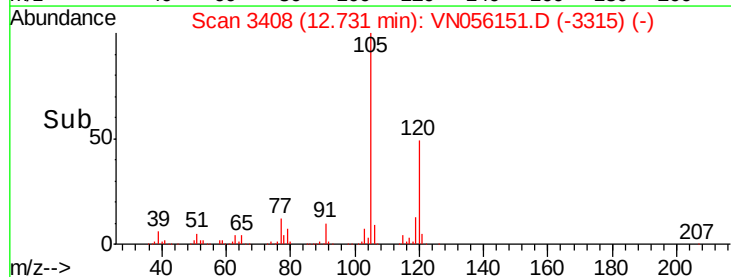
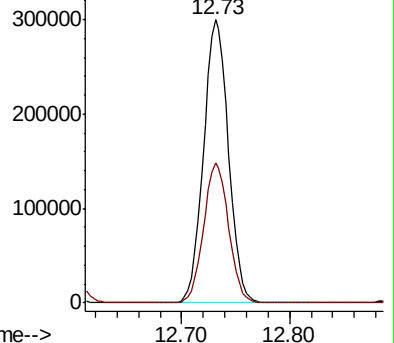
105 100

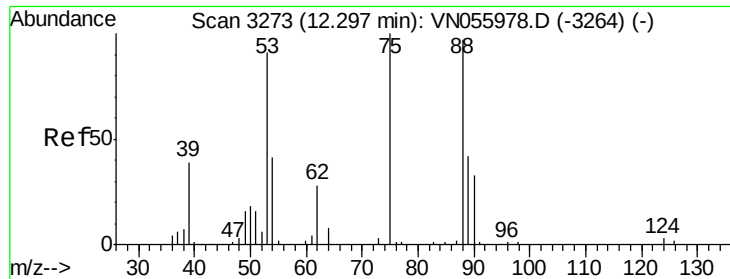
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.605 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

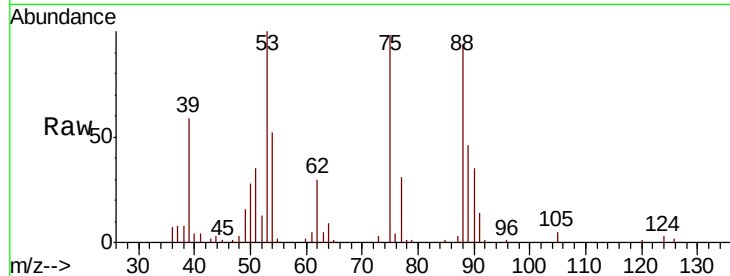
Tot Ion: 75 Resp: 33901

Ion Ratio Lower Upper

75 100

53 101.9 68.1 102.1

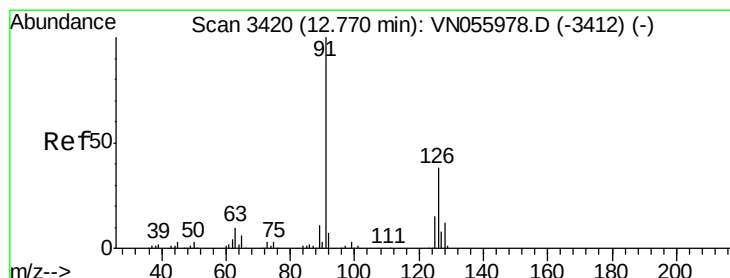
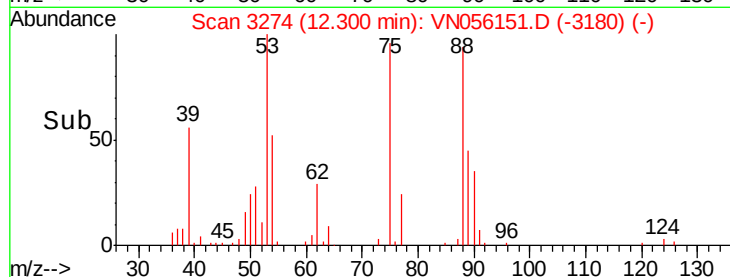
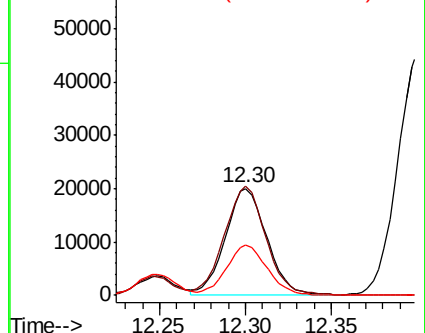
89 46.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 46.972 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056151.D

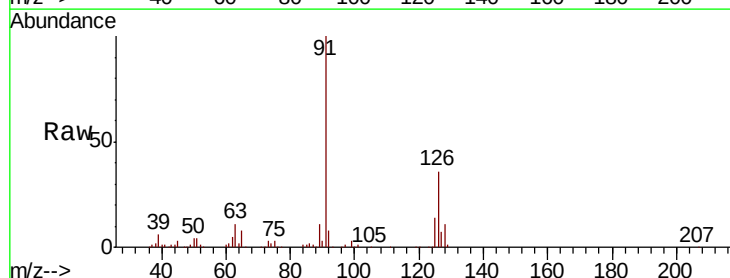
Acq: 8 Jun 2019 14:07

Tgt Ion: 91 Resp: 369493

Ion Ratio Lower Upper

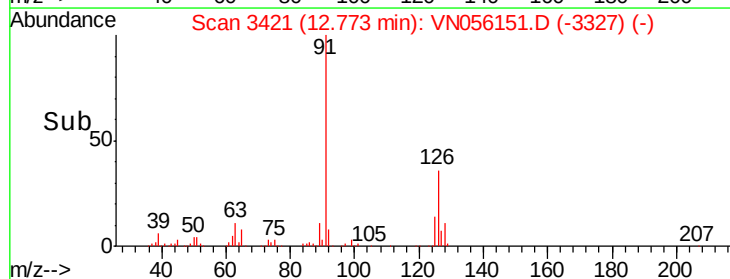
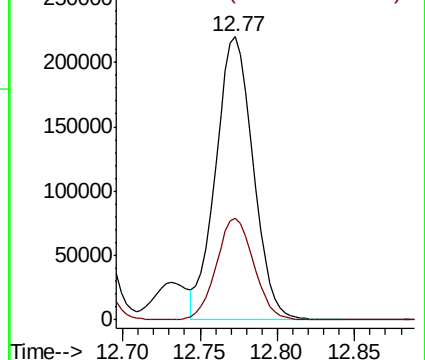
91 100

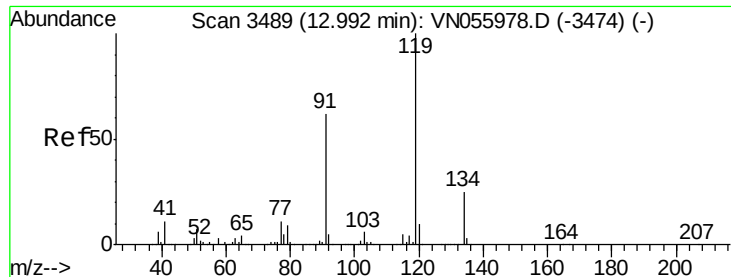
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)

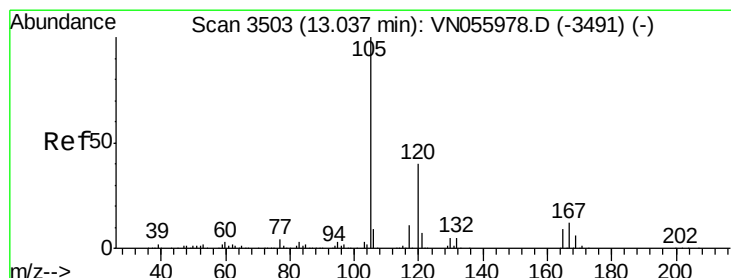
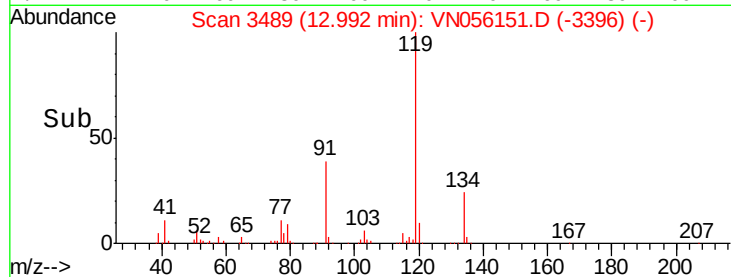
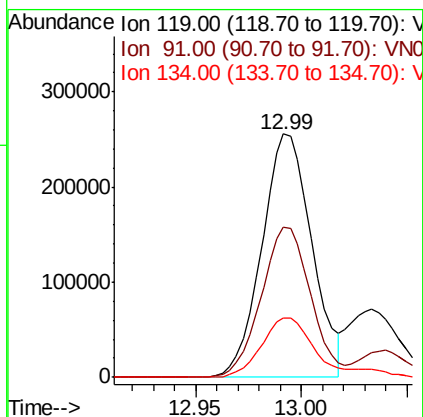
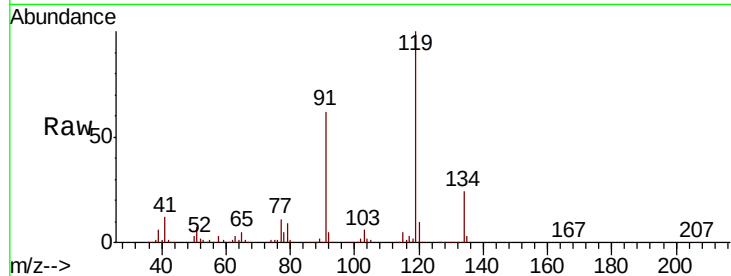




#83
 tert-Butylbenzene
 Concen: 50.941 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

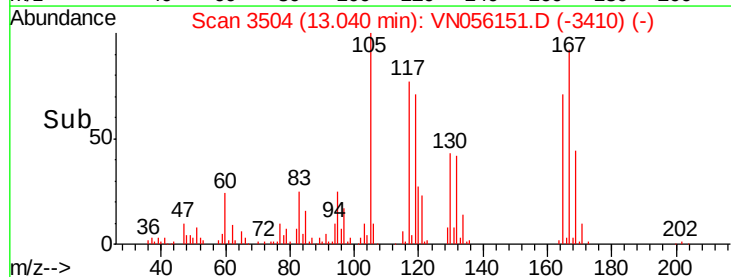
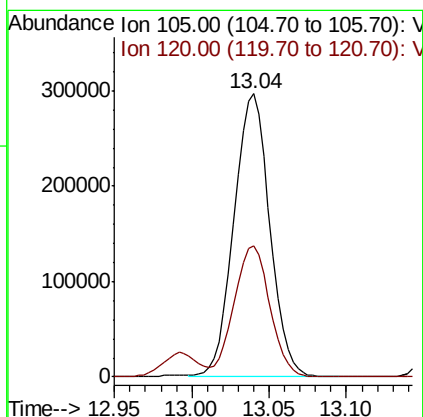
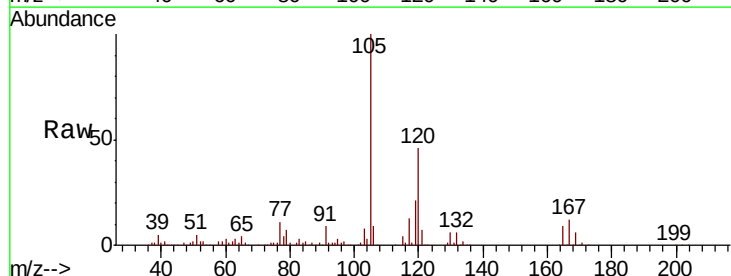
Instrument :
 MSVOA_N
 ClientSampleId :

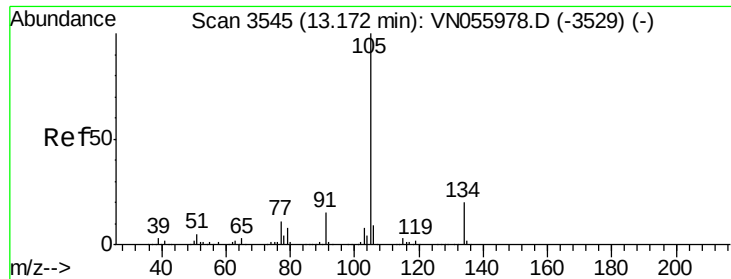
Tot Ion:119 Resp: 421936
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.9 92.8
 134 27.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.934 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion:105 Resp: 475613
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 44.364 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

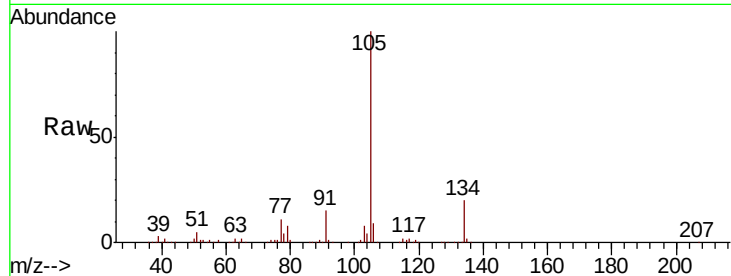
ClientSampleId :

Tot Ion:105 Resp: 528258

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

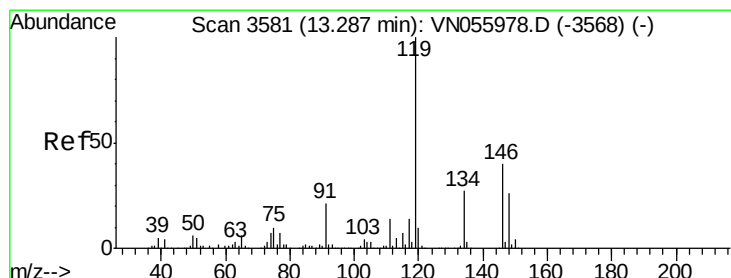
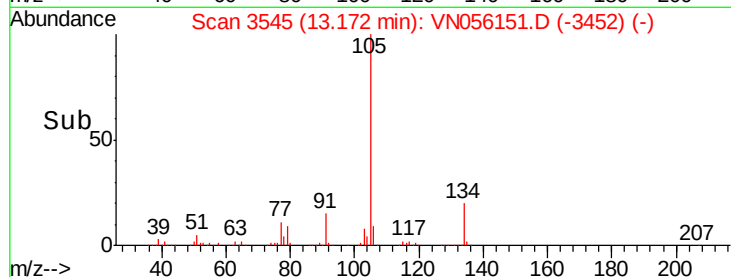
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 44.552 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

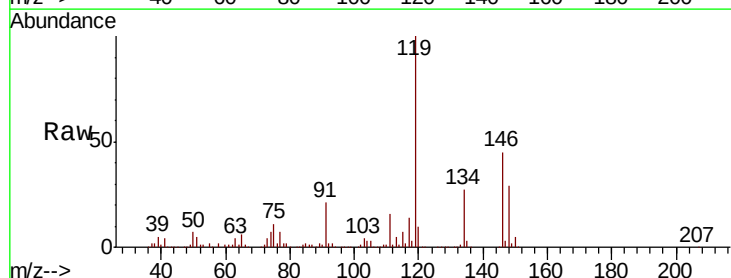
Tgt Ion:119 Resp: 474773

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.6 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

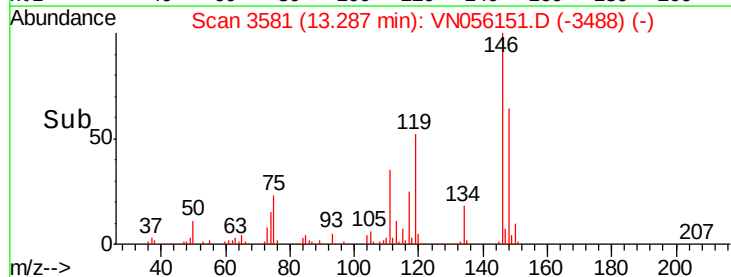
300000

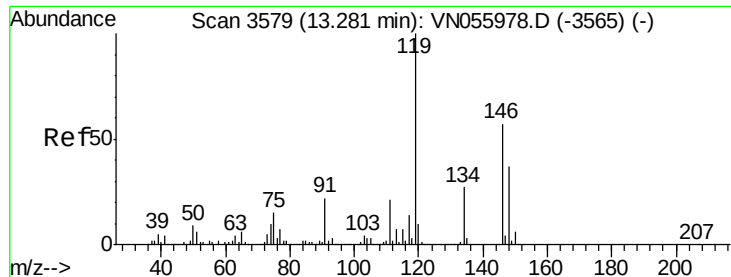
200000

100000

0

Time-->

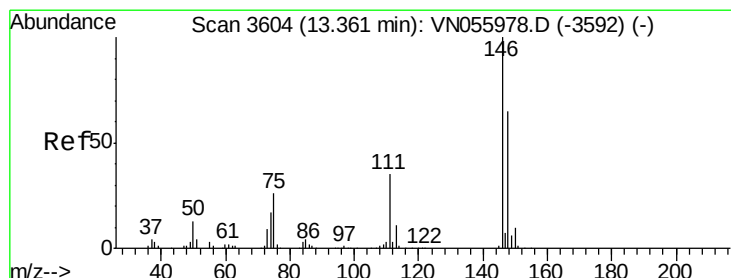
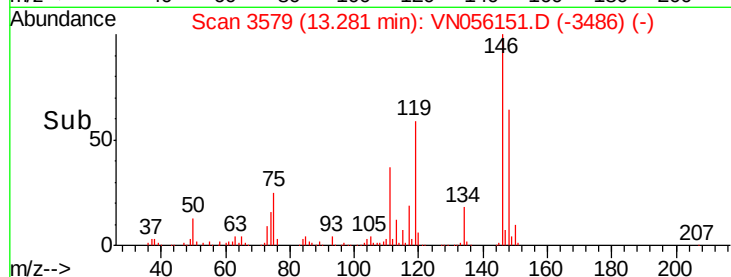
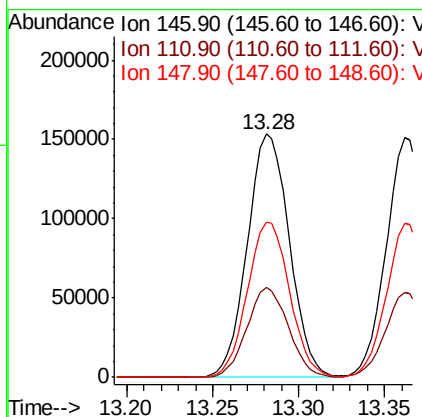
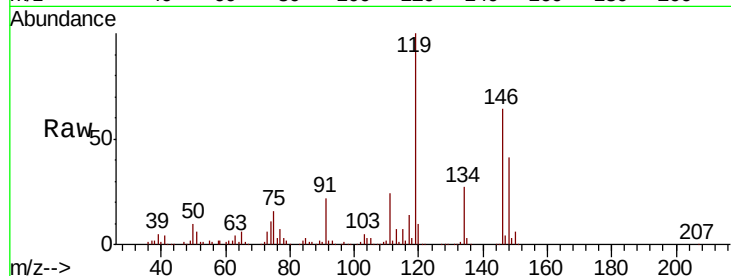




#87
 1,3-Dichlorobenzene
 Concen: 49.423 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

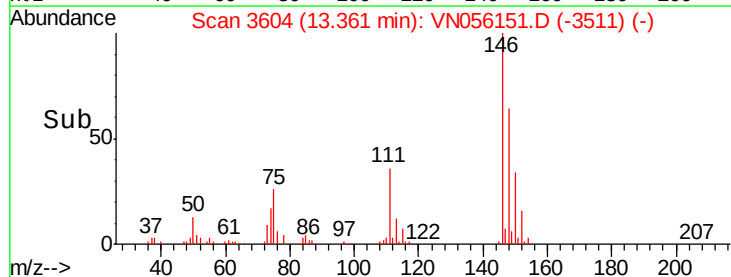
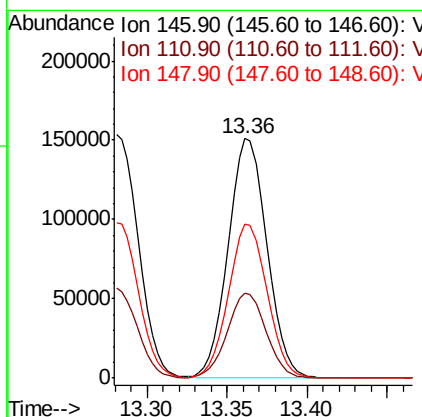
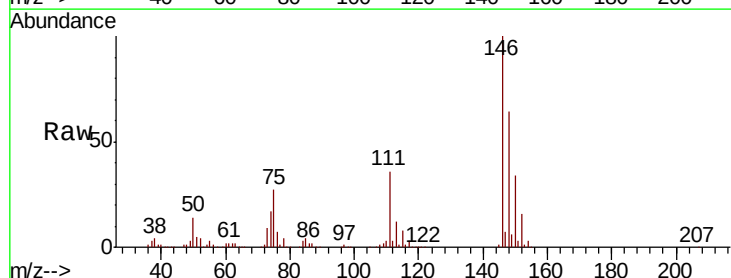
Instrument :
 MSVOA_N
 ClientSampled :

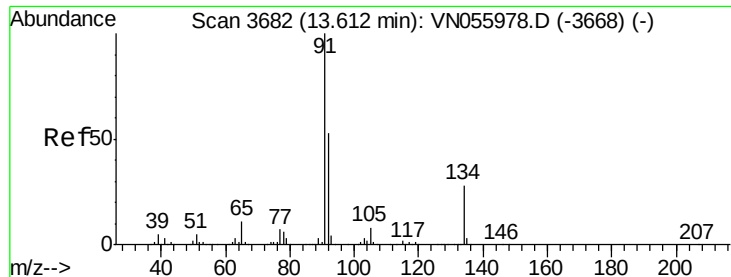
Tot Ion:146 Resp: 260282
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion:146 Resp: 249203
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 42.437 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056151.D

Acq: 8 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

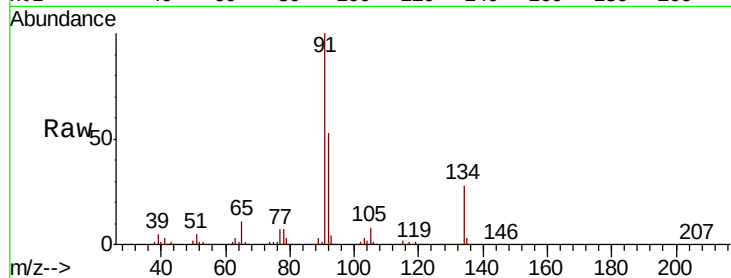
Tot Ion: 91 Resp: 335010

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

134 28.0 13.9 41.7

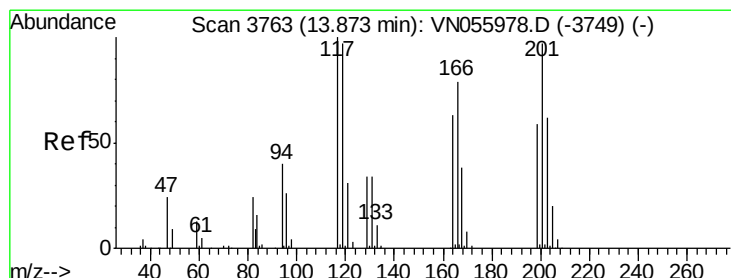
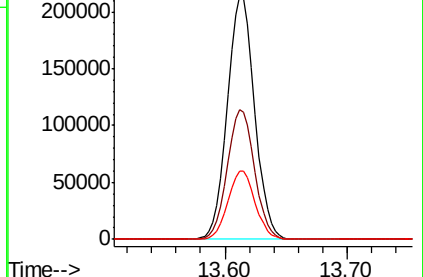
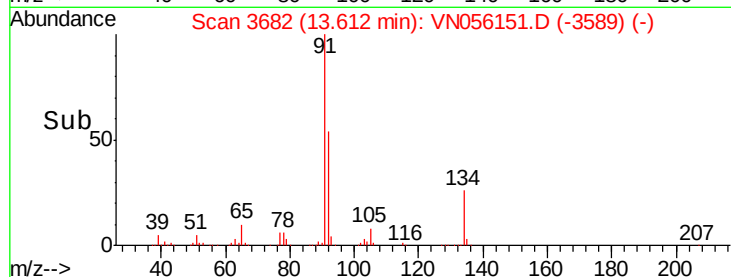


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

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: 46.076 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN056151.D

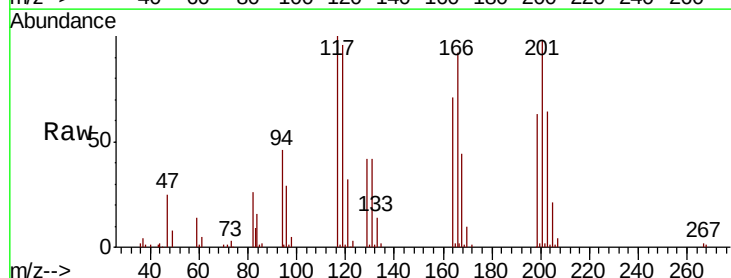
Acq: 8 Jun 2019 14:07

Tgt Ion: 117 Resp: 74050

Ion Ratio Lower Upper

117 100

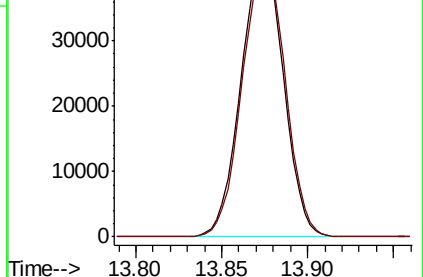
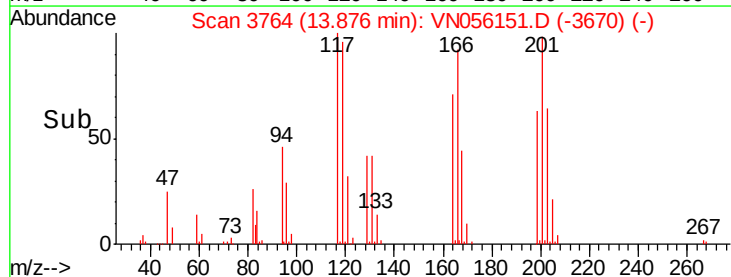
201 99.0 50.0 150.0

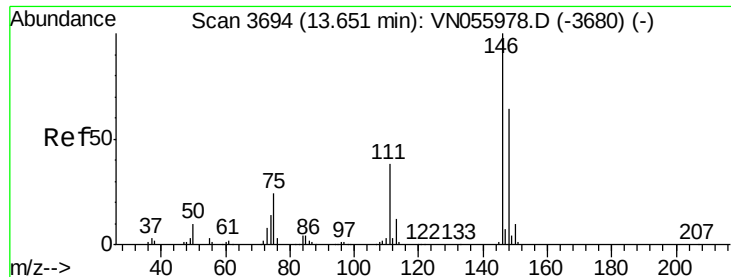


Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

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

Time-->

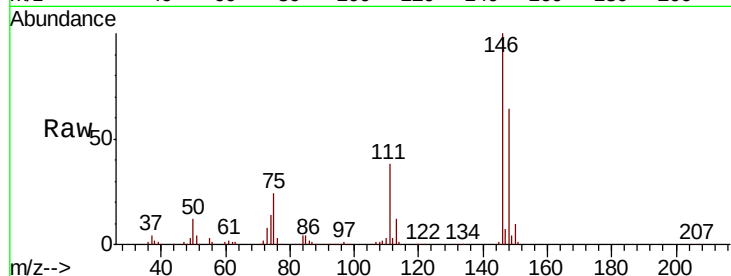




#91
 1,2-Dichlorobenzene
 Concen: 50.813 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	63.8	31.9	95.9

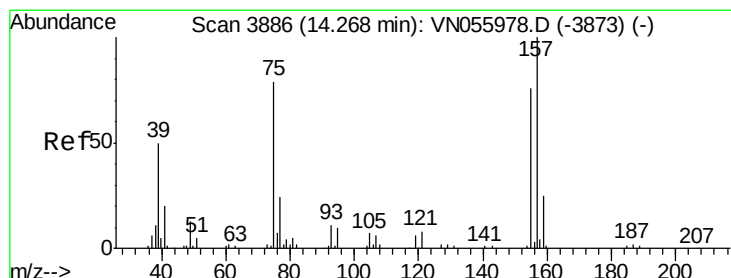
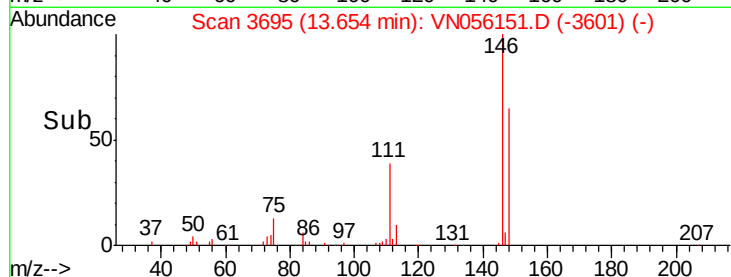
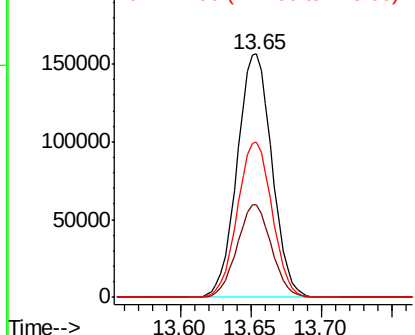


Abundance

Ion 145.90 (145.60 to 146.60): V

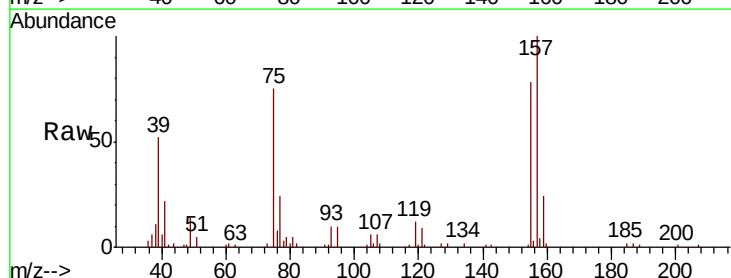
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.079 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.8	50.0	150.1
157	137.2	64.8	194.3

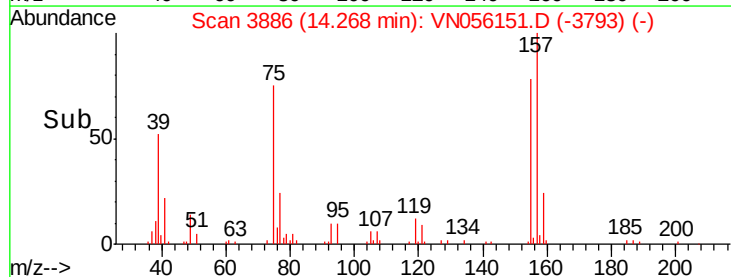
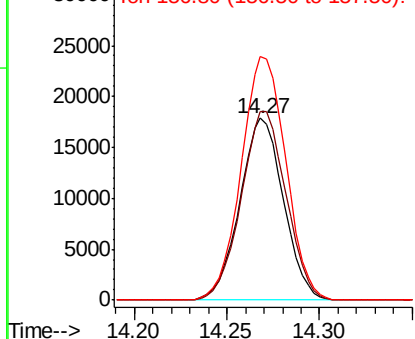


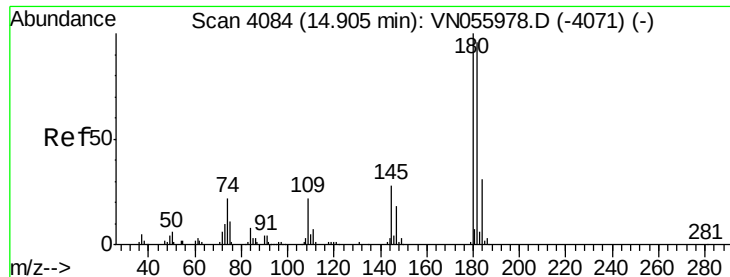
Abundance

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

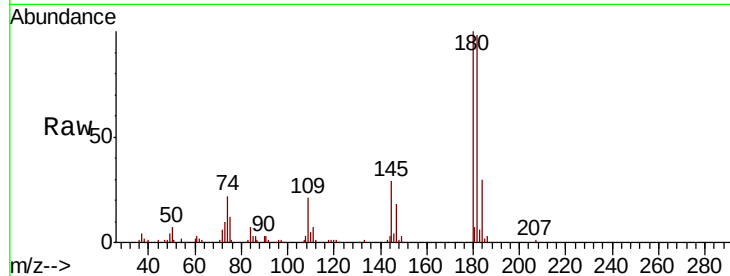




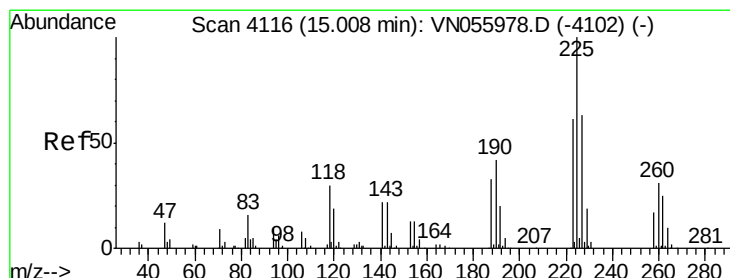
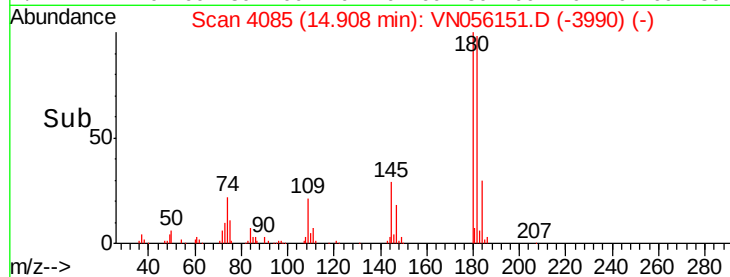
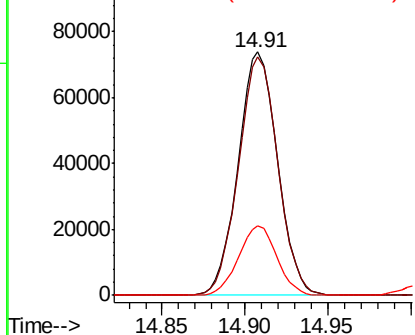
#93
 1,2,4-Trichlorobenzene
 Concen: 42.275 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 121754
 Ion Ratio Lower Upper
 180 100
 182 97.8 48.3 144.9
 145 27.9 14.0 41.9

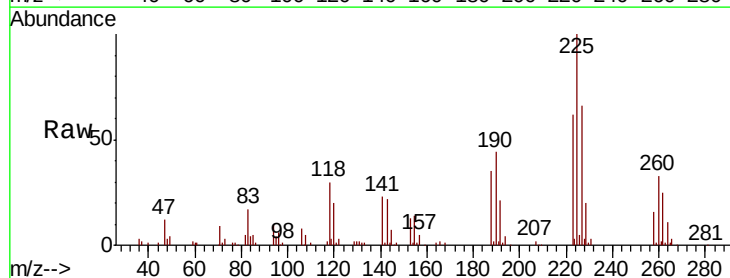


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

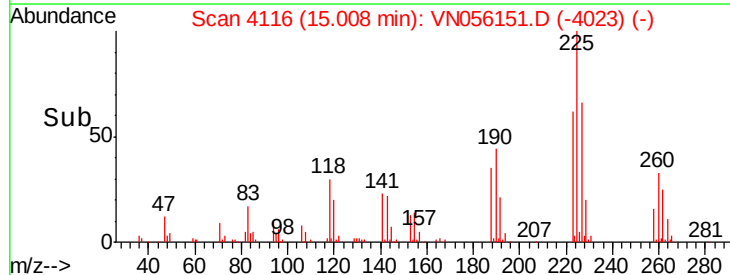
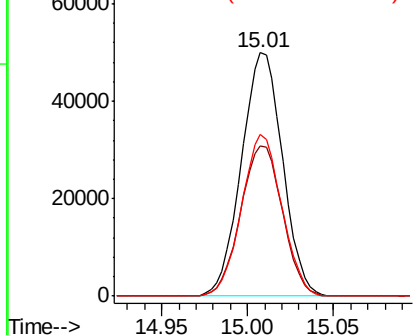


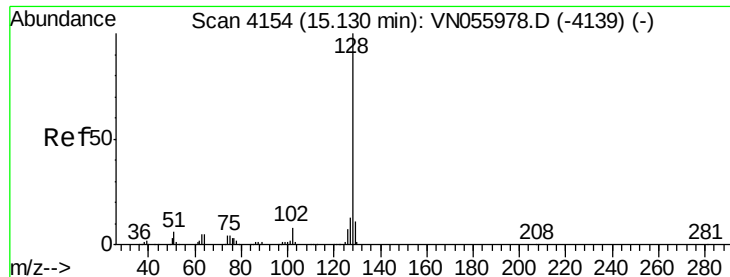
#94
 Hexachlorobutadiene
 Concen: 45.258 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056151.D
 Acq: 8 Jun 2019 14:07

Tgt Ion:225 Resp: 82894
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 64.9 31.6 94.7



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

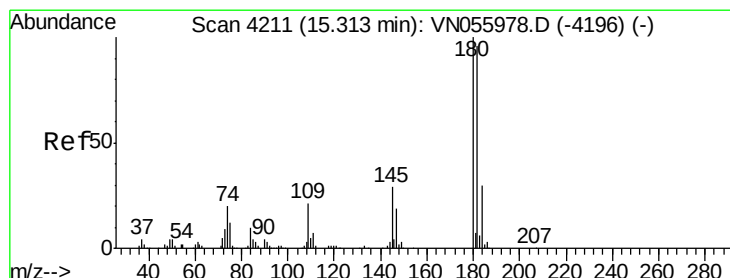
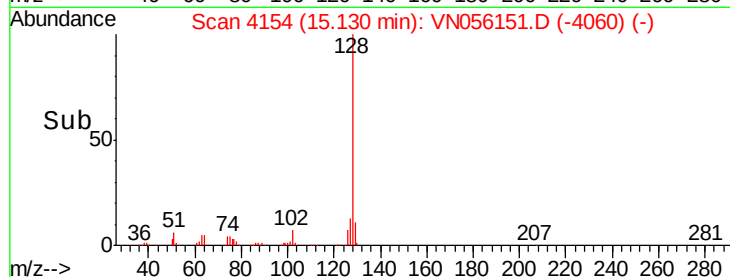
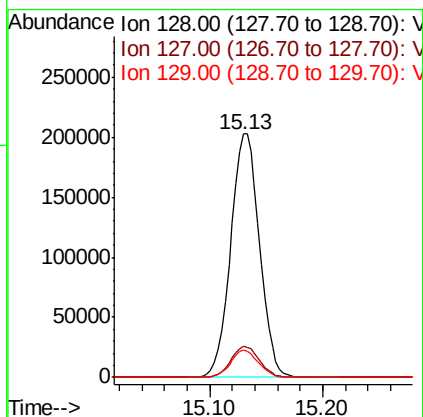
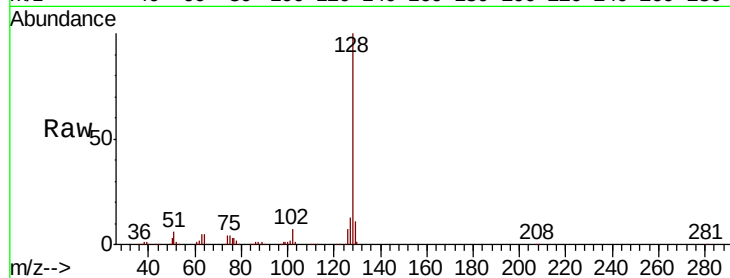




#95
Naphthalene
Concen: 47.413 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 358783
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.201 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056151.D
Acq: 8 Jun 2019 14:07

Tgt Ion:180 Resp: 140404
Ion Ratio Lower Upper
180 100
182 97.3 47.9 143.7
145 29.6 14.9 44.7

