

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061348.D
 Acq On : 7 May 2020 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 03:00:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	101386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	172749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	81226	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.55	113	48402	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.06	98	211454	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	81043	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50342	46.825	ug/l	100
3) Chloromethane	2.03	50	66507	51.077	ug/l	100
4) Vinyl Chloride	2.16	62	74886	50.635	ug/l	100
5) Bromomethane	2.53	94	29711	40.641	ug/l	97
6) Chloroethane	2.67	64	45677	48.727	ug/l	98
7) Trichlorofluoromethane	2.98	101	94375	56.561	ug/l	99
8) Diethyl Ether	3.37	74	38521	55.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54913	51.085	ug/l	99
10) Methyl Iodide	3.91	142	56600	40.971	ug/l	99
11) Tert butyl alcohol	4.73	59	53190	247.510	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	52775	49.336	ug/l	99
13) Acrolein	3.56	56	26380	184.205	ug/l	99
14) Allyl chloride	4.27	41	113083	57.014	ug/l	99
15) Acrylonitrile	4.93	53	170286	258.131	ug/l	99
16) Acetone	3.77	43	148668	239.384	ug/l	99
17) Carbon Disulfide	4.01	76	114683	38.811	ug/l	99
18) Methyl Acetate	4.27	43	93148	46.052	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	204554	50.044	ug/l	100
20) Methylene Chloride	4.50	84	62525	49.983	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56497	48.503	ug/l	99
22) Diisopropyl ether	5.90	45	242079	52.633	ug/l	99
23) Vinyl Acetate	5.84	43	971306	262.278	ug/l	100
24) 1,1-Dichloroethane	5.80	63	122373	50.923	ug/l	99
25) 2-Butanone	6.78	43	236330	248.957	ug/l	99
26) 2,2-Dichloropropane	6.78	77	100815	49.807	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	67047	49.050	ug/l	98
28) Bromochloromethane	7.15	49	63639	55.872	ug/l	95
29) Tetrahydrofuran	7.17	42	158433	247.762	ug/l	99
30) Chloroform	7.33	83	120222	49.367	ug/l	100
31) Cyclohexane	7.61	56	100988	43.272	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	103793	48.945	ug/l	99
36) 1,1-Dichloropropene	7.75	75	88326	51.076	ug/l	99
37) Ethyl Acetate	6.88	43	101973	50.299	ug/l	100
38) Carbon Tetrachloride	7.73	117	80010	50.678	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85782	44.232	ug/l	98
40) Benzene	8.00	78	255537	49.600	ug/l	100
41) Methacrylonitrile	7.12	41	49124	58.360	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	103123	52.836	ug/l	99
43) Isopropyl Acetate	8.12	43	173020	51.424	ug/l	100
44) Trichloroethene	8.80	130	62742	45.049	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70864	51.485	ug/l	99
46) Dibromomethane	9.18	93	44960	52.756	ug/l	99
47) Bromodichloromethane	9.37	83	96452	52.728	ug/l	97
48) Methyl methacrylate	9.17	41	79661	52.469	ug/l	98
49) 1,4-Dioxane	9.17	88	16073	932.625	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	518993	262.061	ug/l	100
52) Toluene	10.12	92	157814	50.855	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105559	51.214	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112409	51.587	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62558	50.540	ug/l	99
56) Ethyl methacrylate	10.40	69	102630	47.713	ug/l	100
57) 1,3-Dichloropropane	10.68	76	113794	52.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	251806	251.324	ug/l	98
59) 2-Hexanone	10.72	43	374580	259.980	ug/l	100
60) Dibromochloromethane	10.87	129	68044	52.488	ug/l	98
61) 1,2-Dibromoethane	10.98	107	63318	51.037	ug/l	100
64) Tetrachloroethene	10.60	164	61354	44.152	ug/l	98
65) Chlorobenzene	11.41	112	162216	50.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	61440	53.937	ug/l	99
67) Ethyl Benzene	11.48	91	308003	51.697	ug/l	99
68) m/p-Xylenes	11.60	106	224551	102.969	ug/l	98
69) o-Xylene	11.92	106	105897	50.553	ug/l	96
70) Styrene	11.94	104	186036	53.062	ug/l	99
71) Bromoform	12.10	173	46208	55.195	ug/l #	99
73) Isopropylbenzene	12.22	105	292353	50.383	ug/l	99
74) N-amyl acetate	12.05	43	150900	51.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	93001	51.401	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	127421	76.572	ug/l #	100
77) Bromobenzene	12.50	156	67620	50.482	ug/l	98
78) n-propylbenzene	12.57	91	350190	50.881	ug/l	99
79) 2-Chlorotoluene	12.65	91	207127	51.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	244464	50.903	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33217	50.691	ug/l	99
82) 4-Chlorotoluene	12.75	91	220884	51.806	ug/l	98
83) tert-Butylbenzene	12.97	119	199995	49.387	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	248813	50.286	ug/l	100
85) sec-Butylbenzene	13.15	105	270621	49.016	ug/l	99
86) p-Isopropyltoluene	13.26	119	244349	49.121	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	123240	49.978	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124129	49.267	ug/l	99
89) n-Butylbenzene	13.59	91	222583	48.809	ug/l	100
90) Hexachloroethane	13.85	117	35122	64.993	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	118703	50.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19143	50.096	ug/l	98

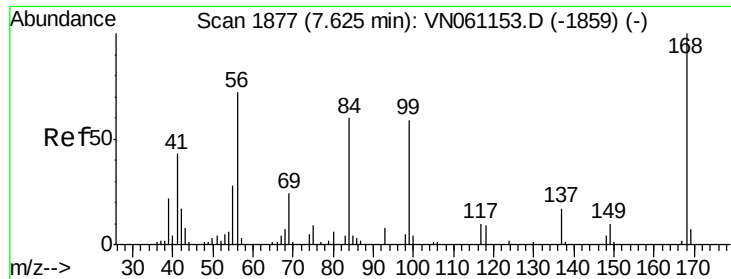
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	69676	48.393	ug/l	100
94) Hexachlorobutadiene	14.99	225	30665	50.981	ug/l	97
95) Naphthalene	15.11	128	221761	47.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	69211	48.688	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

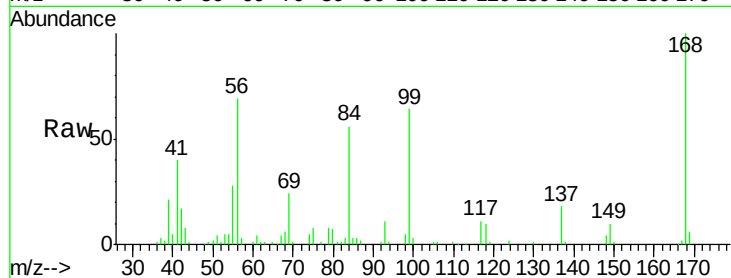
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 101386

Ion Ratio Lower Upper

168 100

99 64.0 51.2 76.8

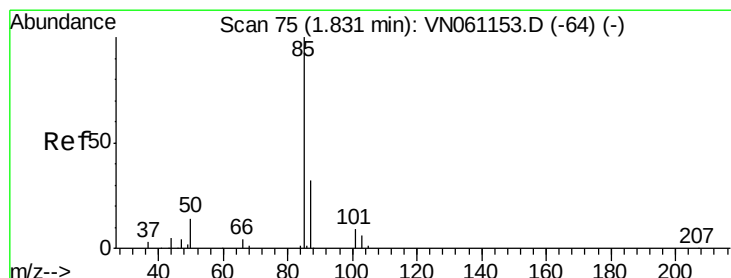
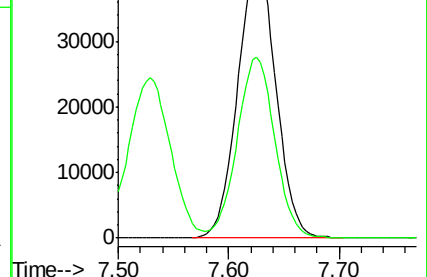
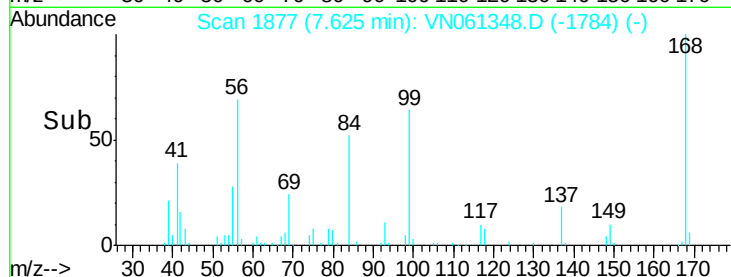


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

Time-->



#2

Dichlorodifluoromethane

Concen: 46.825 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061348.D

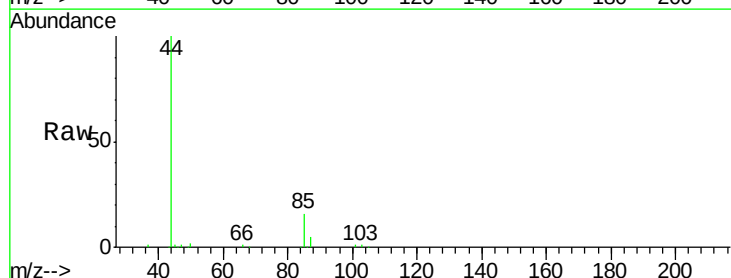
Acq: 7 May 2020 20:44

Tgt Ion: 85 Resp: 50342

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2

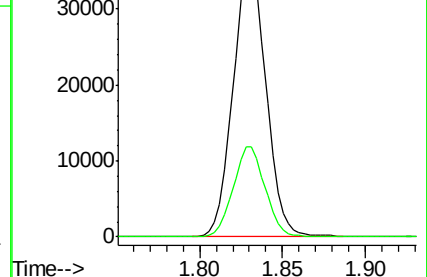
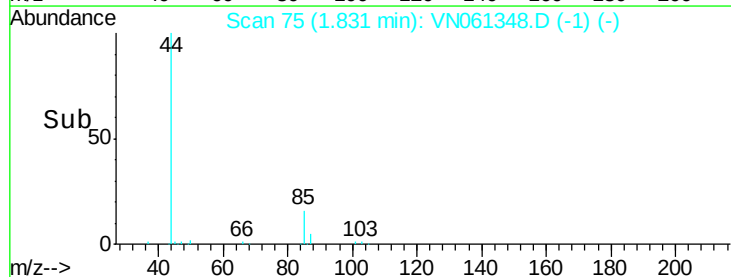


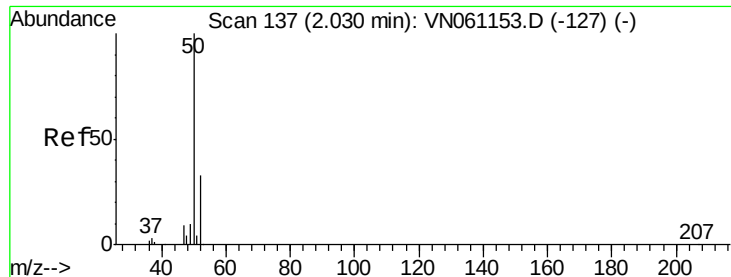
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

Time-->





#3

Chloromethane

Concen: 51.077 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

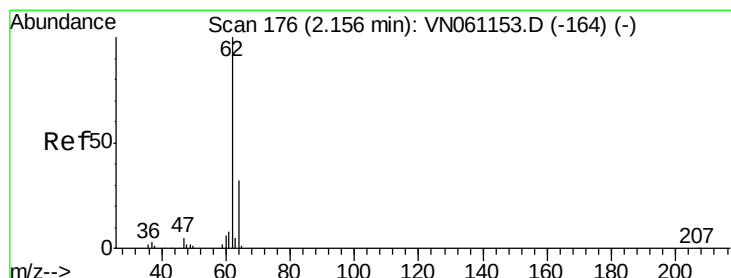
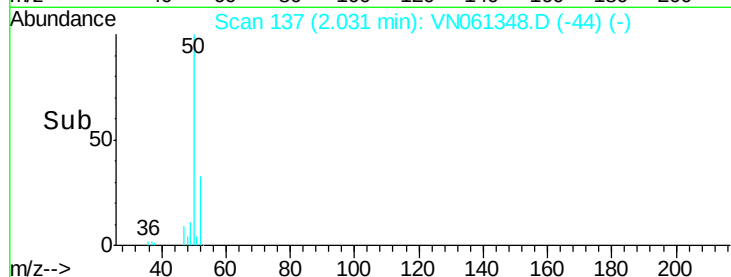
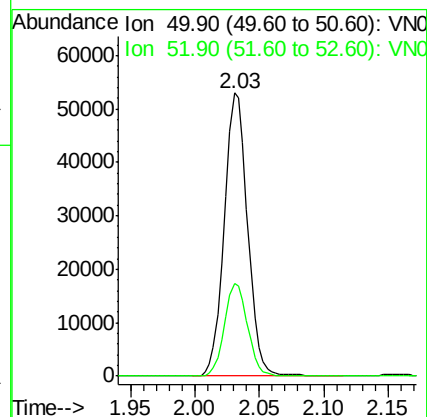
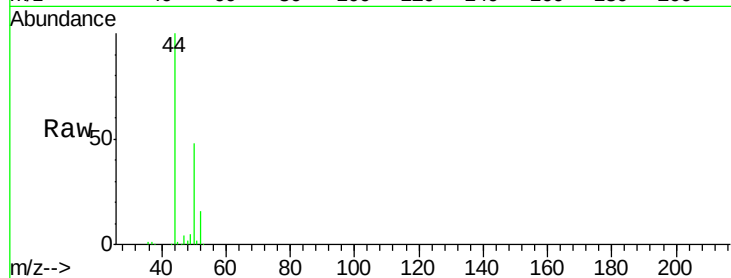
ClientSampled :

Tot Ion: 50 Resp: 66507

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 50.635 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061348.D

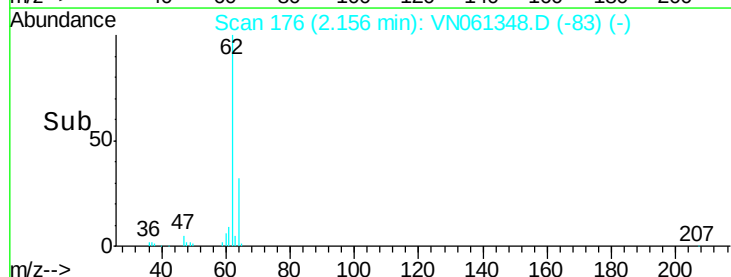
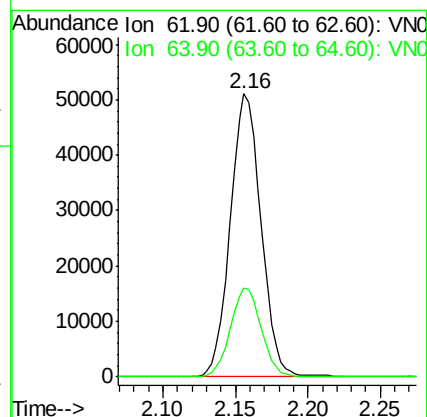
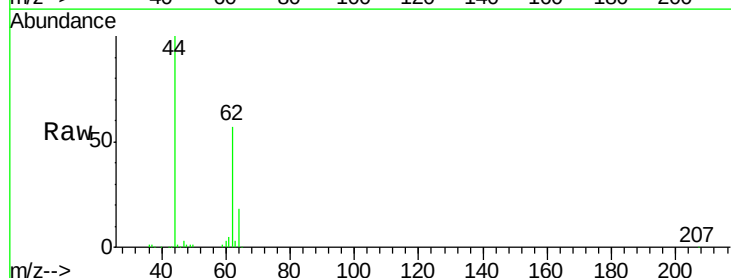
Acq: 7 May 2020 20:44

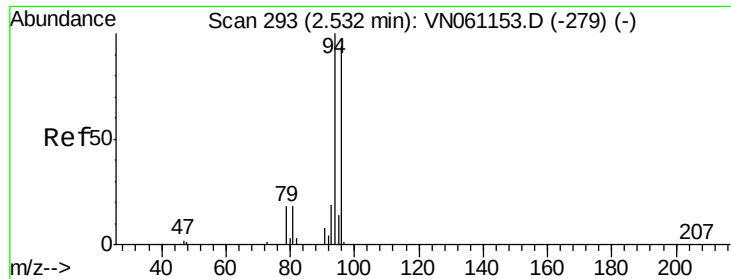
Tgt Ion: 62 Resp: 74886

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 40.641 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

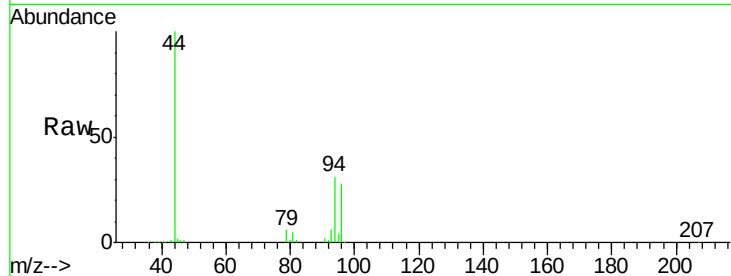
ClientSampled :

Tot Ion: 94 Resp: 29711

Ion Ratio Lower Upper

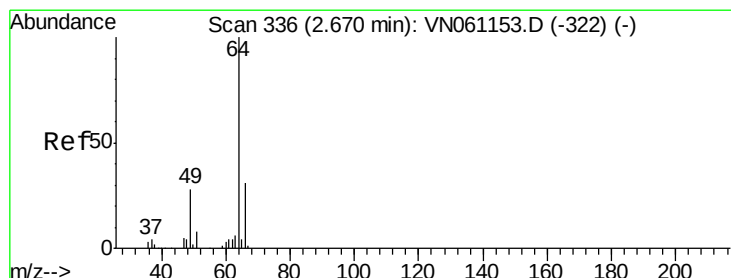
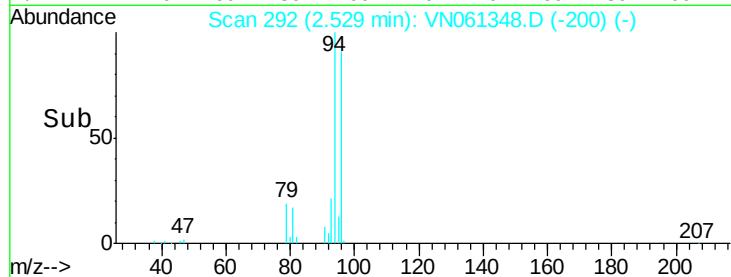
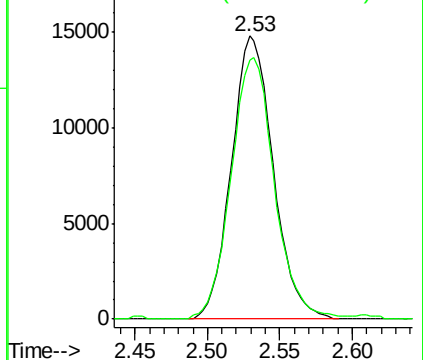
94 100

96 91.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.727 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061348.D

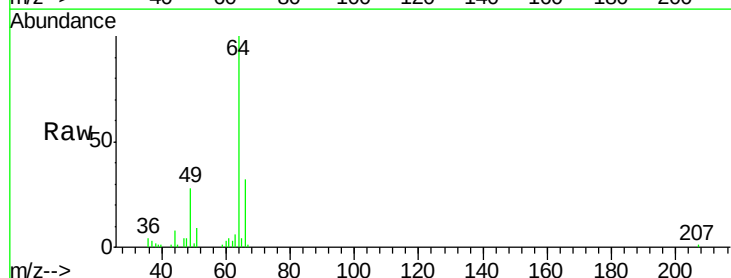
Acq: 7 May 2020 20:44

Tgt Ion: 64 Resp: 45677

Ion Ratio Lower Upper

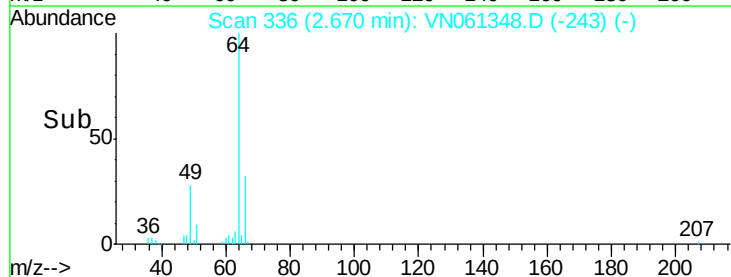
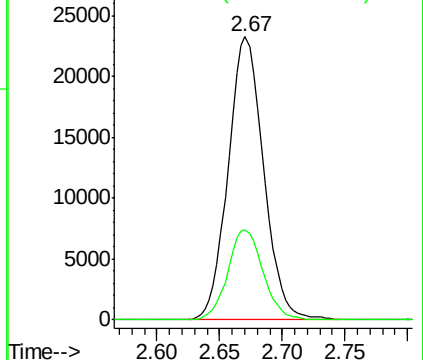
64 100

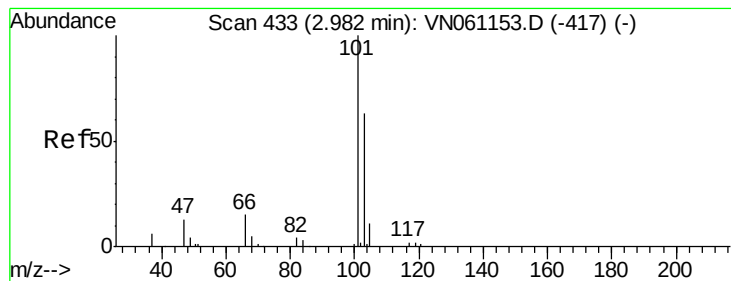
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



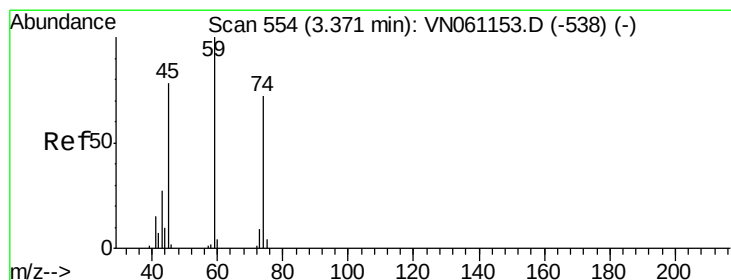
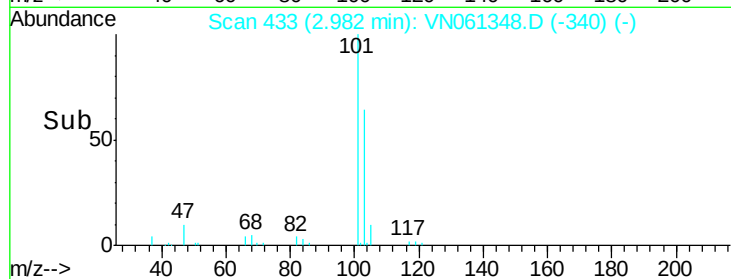
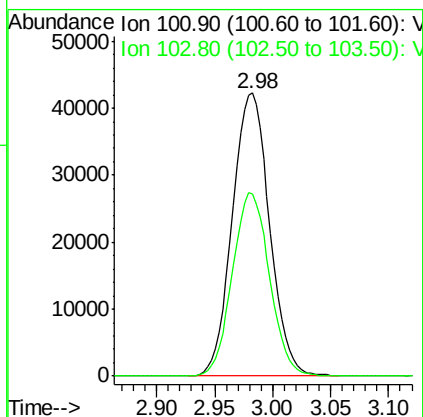
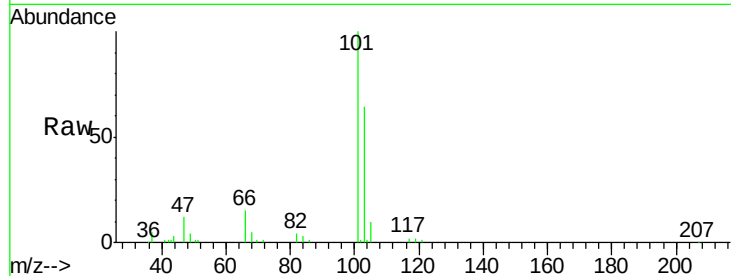


#7

Trichlorofluoromethane
 Concen: 56.561 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Instrument :
 MSVOA_N
 ClientSampleId :

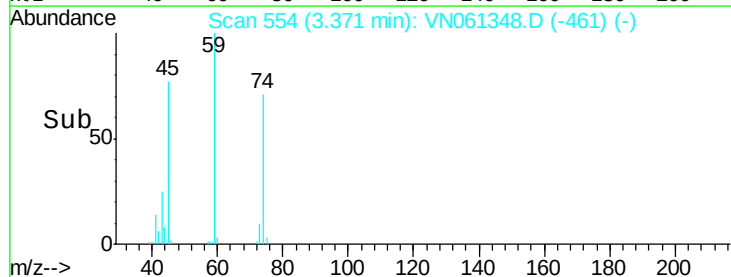
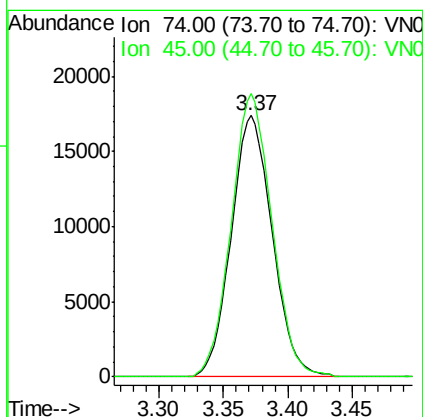
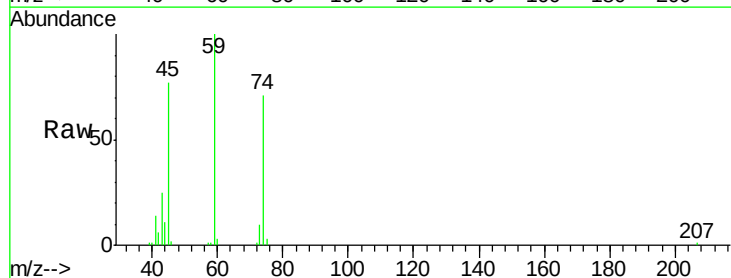
Tot Ion:101 Resp: 94375
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 76.0

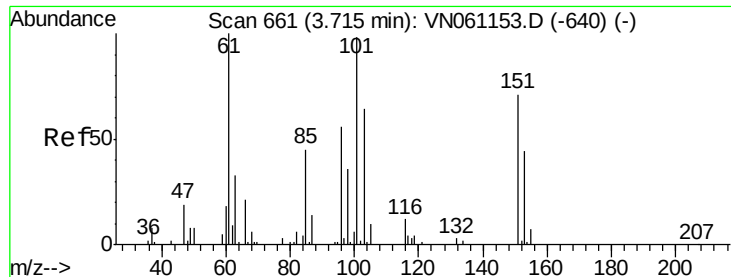


#8

Diethyl Ether
 Concen: 55.349 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion: 74 Resp: 38521
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.085 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

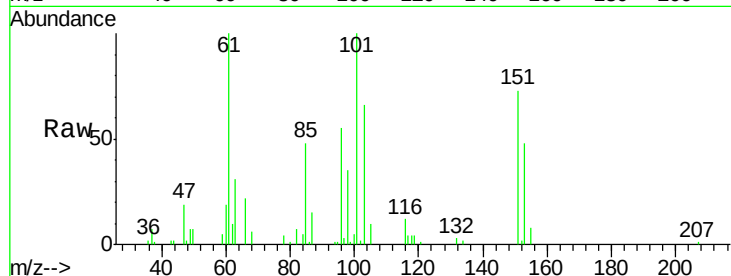
Tot Ion:101 Resp: 54913

Ion Ratio Lower Upper

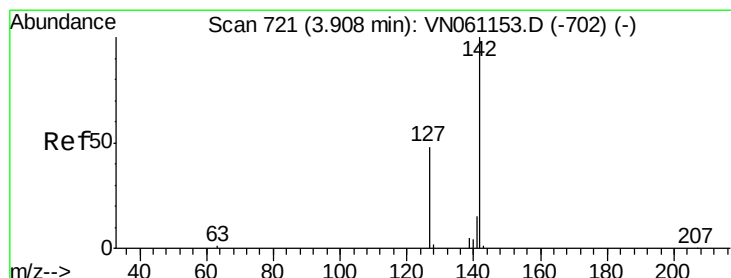
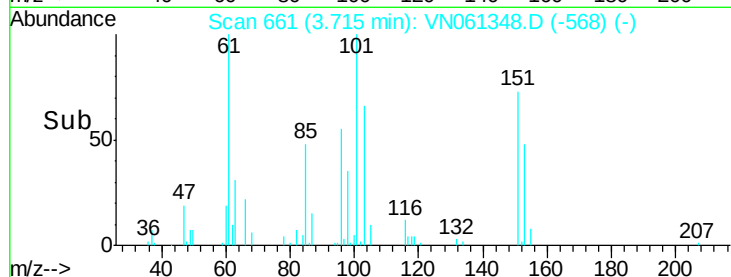
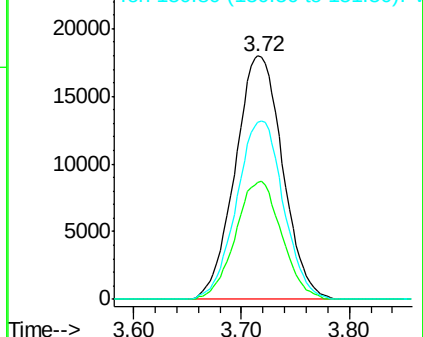
101 100

85 47.2 37.2 55.8

151 72.2 57.7 86.5



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: 40.971 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

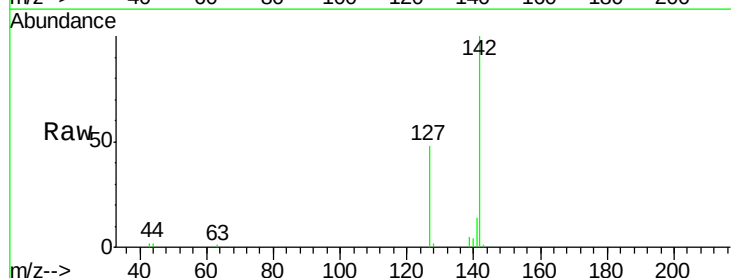
Tgt Ion:142 Resp: 56600

Ion Ratio Lower Upper

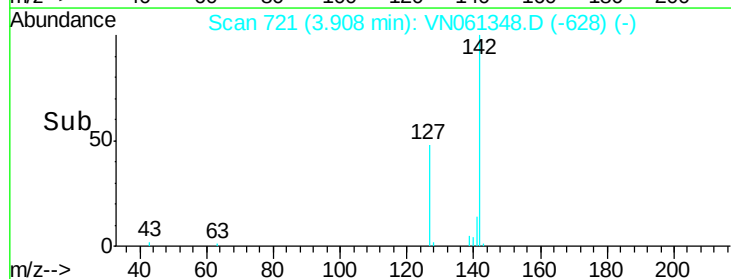
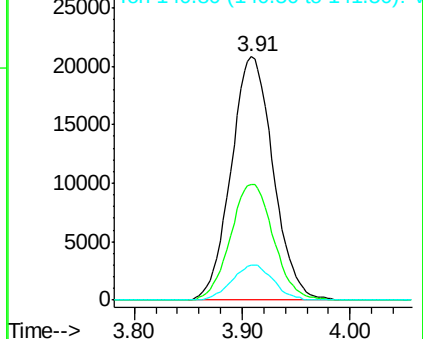
142 100

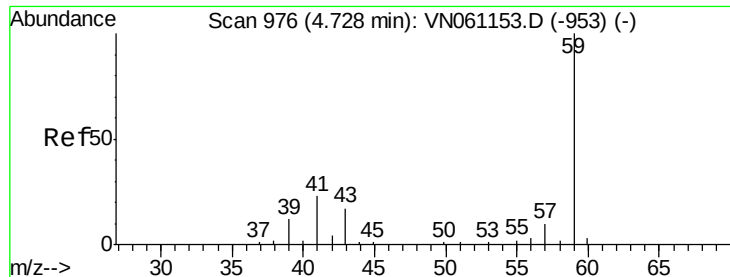
127 48.5 38.0 57.0

141 14.0 11.7 17.5



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

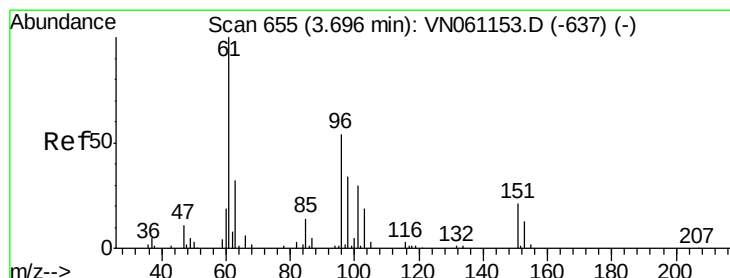
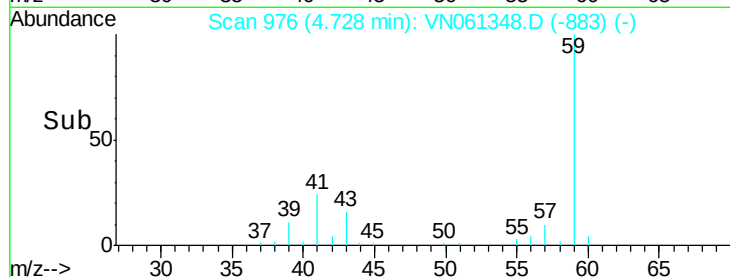
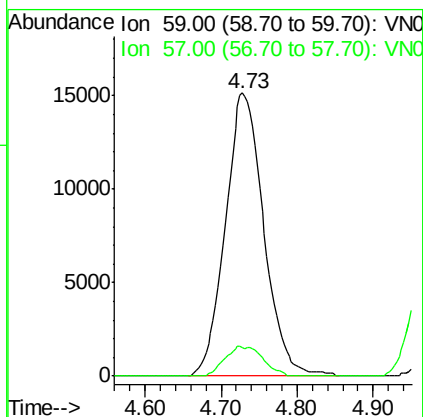
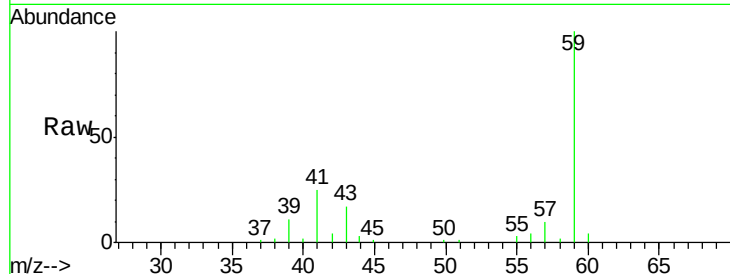




#11
Tert butyl alcohol
Concen: 247.510 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

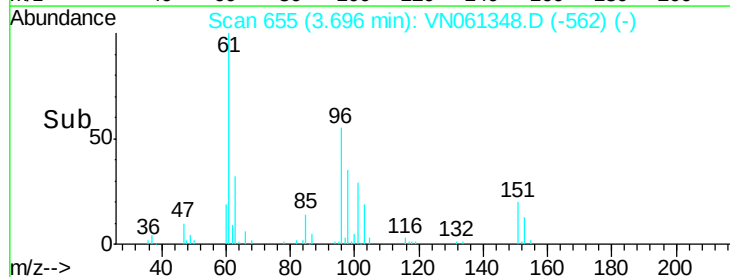
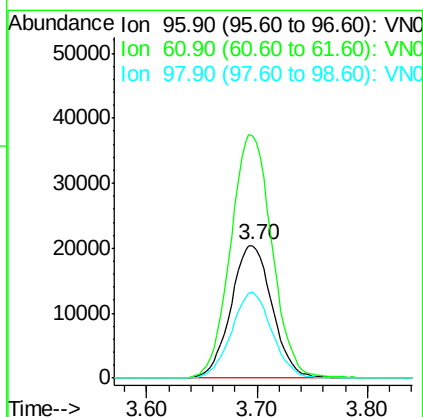
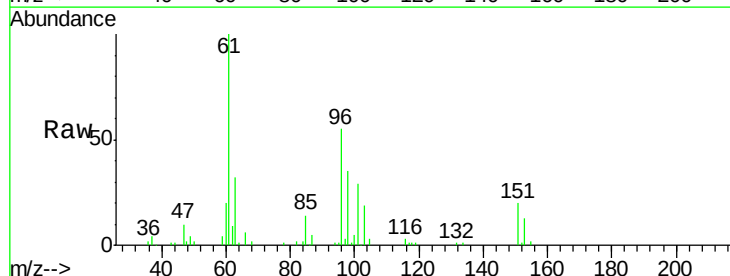
Instrument :
MSVOA_N
ClientSampleId :

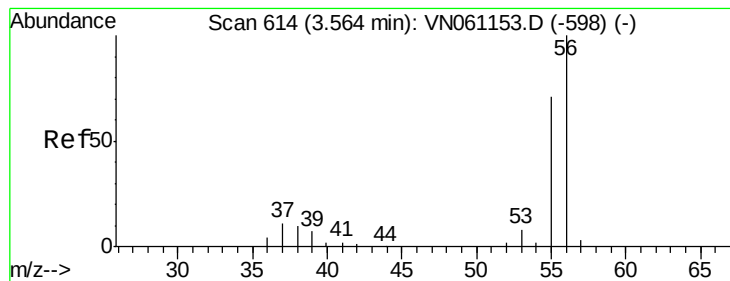
Tot Ion: 59 Resp: 53190
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 49.336 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 96 Resp: 52775
Ion Ratio Lower Upper
96 100
61 182.7 147.0 220.6
98 64.6 49.8 74.6





#13

Acrolein

Concen: 184.205 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

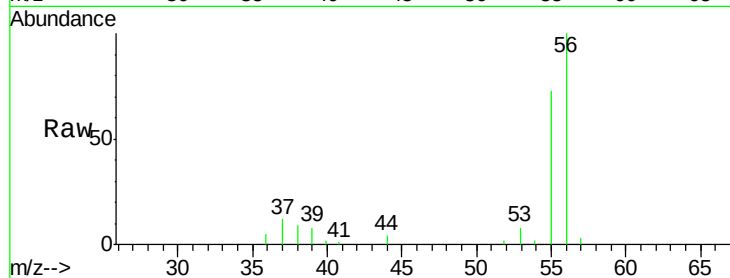
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 26380

Ion Ratio Lower Upper

56 100

55 72.1 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)

3.56

12000

10000

8000

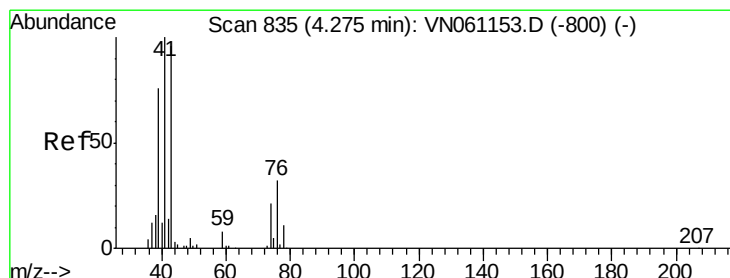
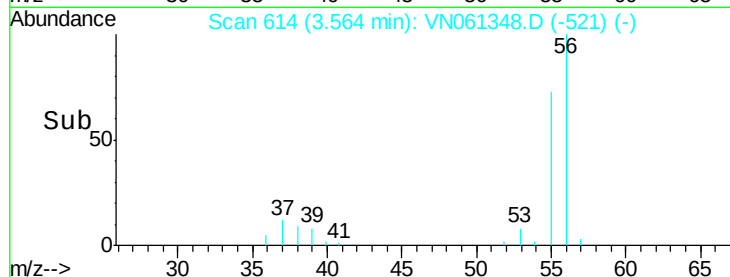
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 57.014 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

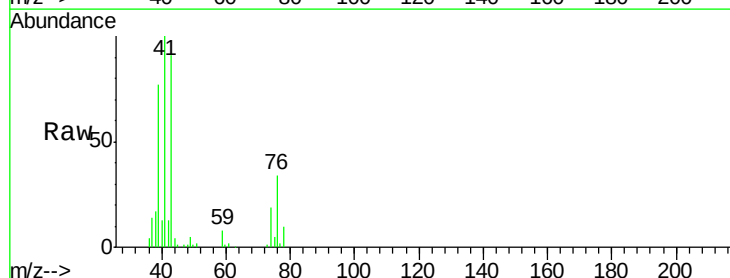
Tgt Ion: 41 Resp: 113083

Ion Ratio Lower Upper

41 100

39 70.9 57.1 85.7

76 29.5 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

4.27

40000

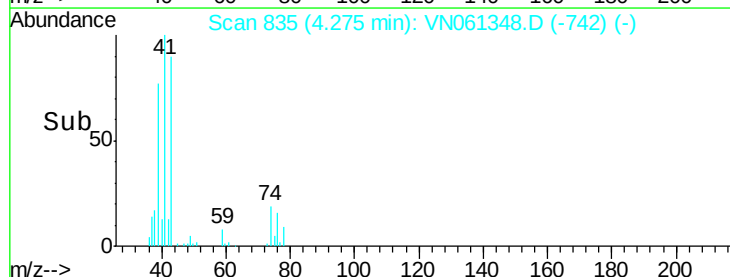
30000

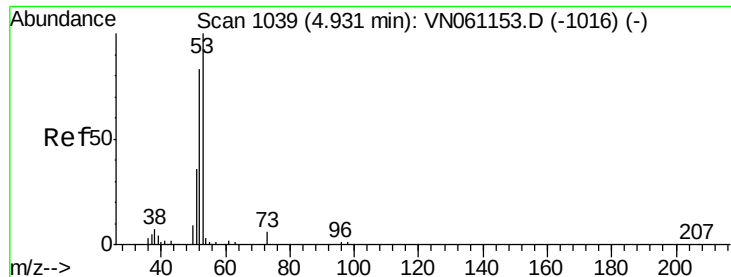
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 258.131 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

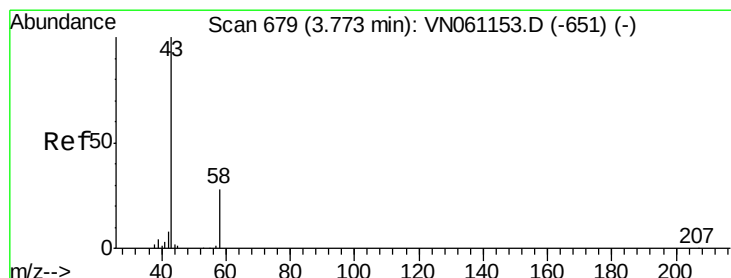
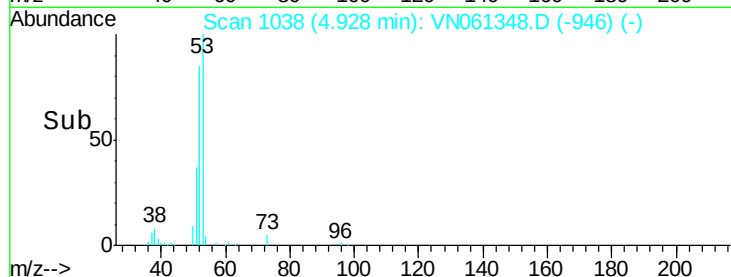
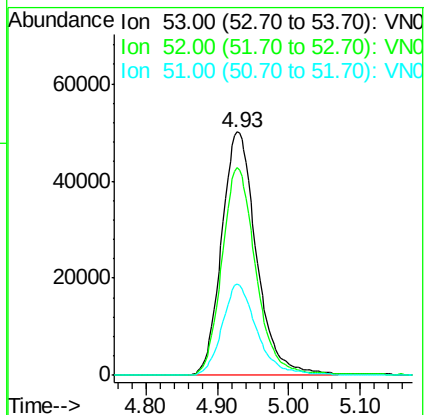
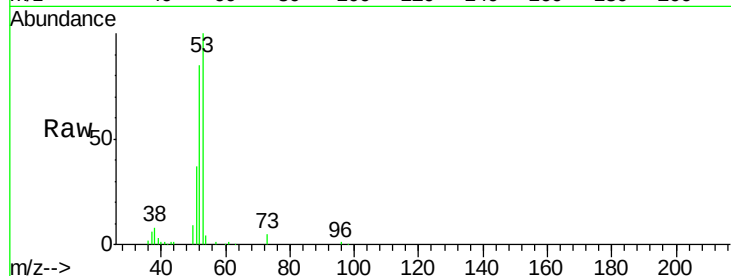
Tot Ion: 53 Resp: 170286

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.0

51 37.3 29.5 44.3



#16

Acetone

Concen: 239.384 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061348.D

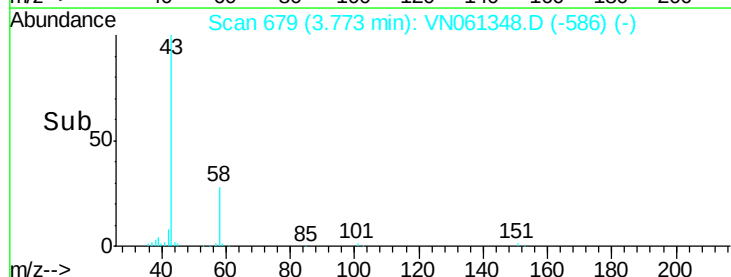
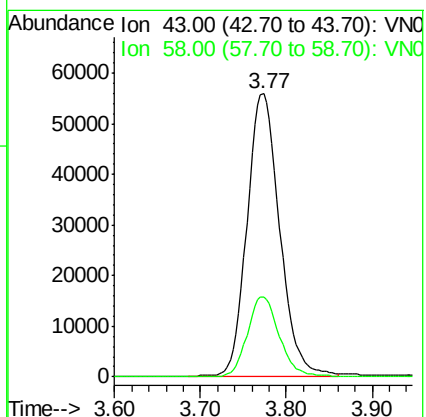
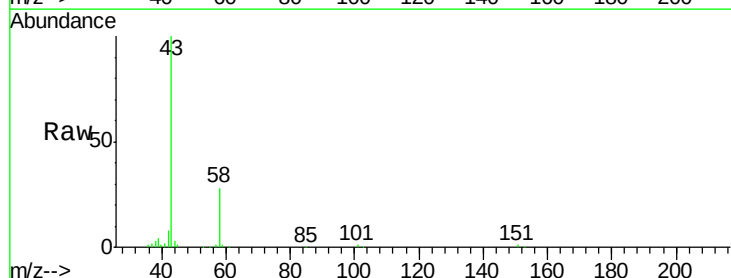
Acq: 7 May 2020 20:44

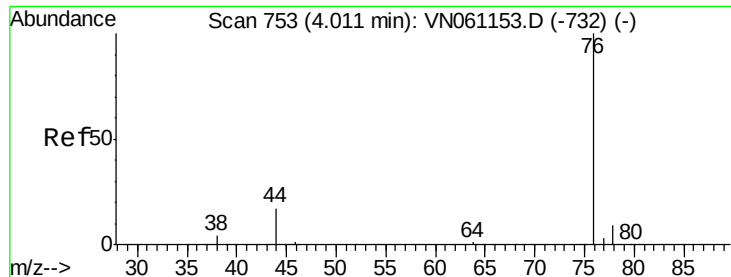
Tgt Ion: 43 Resp: 148668

Ion Ratio Lower Upper

43 100

58 28.2 22.2 33.2

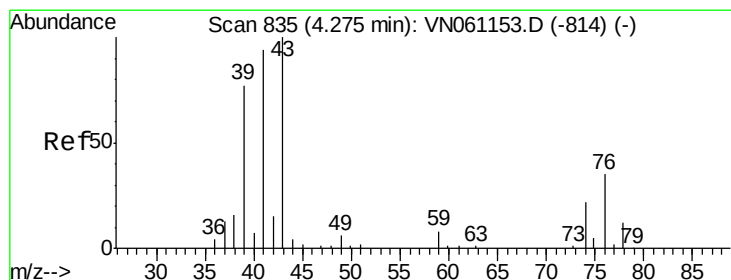
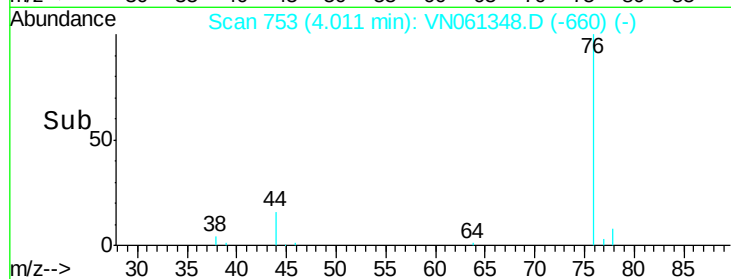
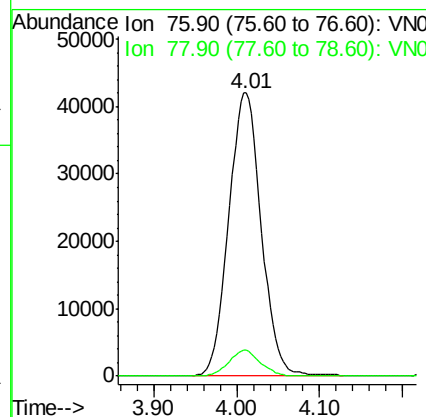
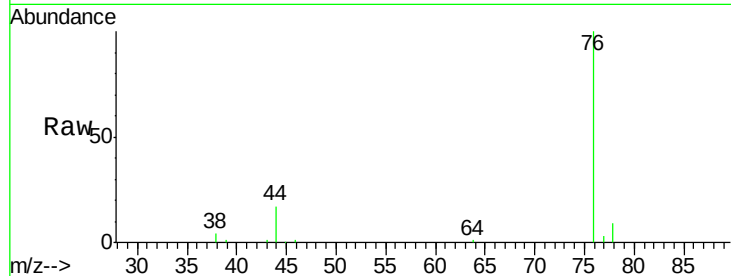




#17
Carbon Disulfide
Concen: 38.811 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

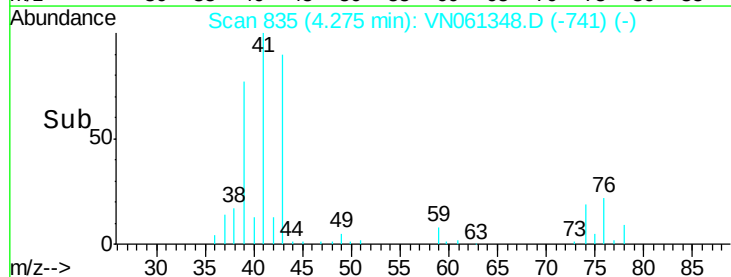
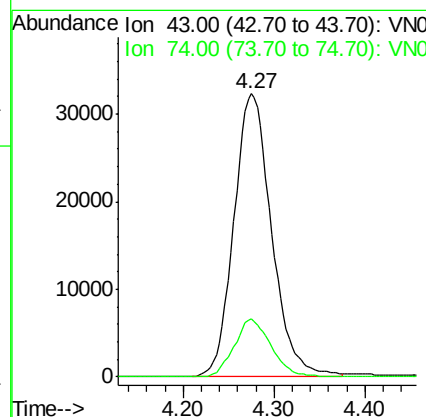
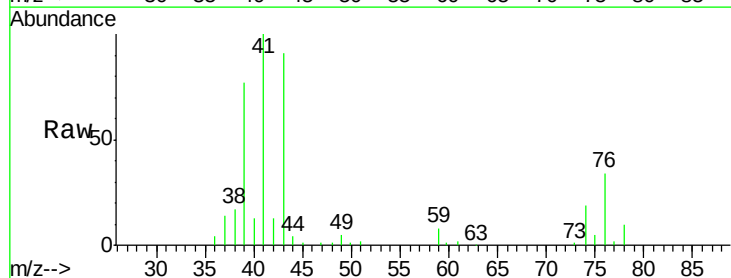
Instrument :
MSVOA_N
ClientSampled :

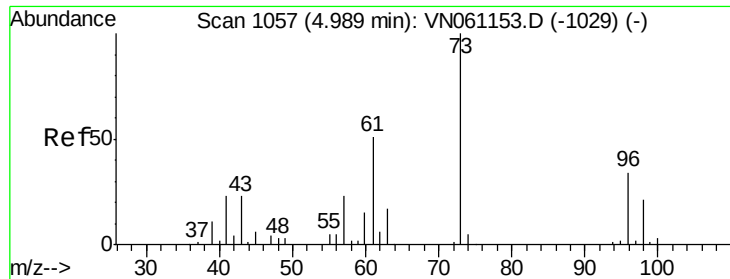
Tot Ion: 76 Resp: 114683
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 46.052 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 43 Resp: 93148
Ion Ratio Lower Upper
43 100
74 19.8 17.0 25.4

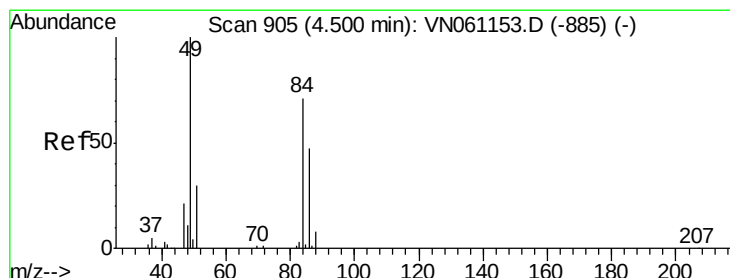
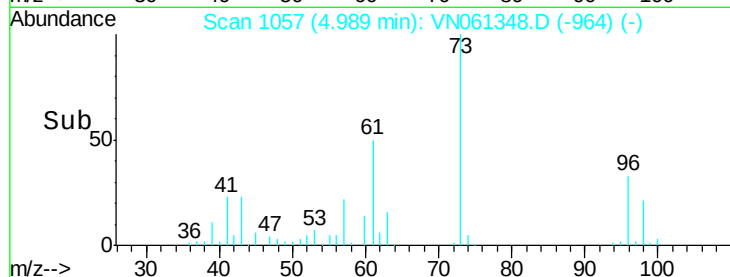
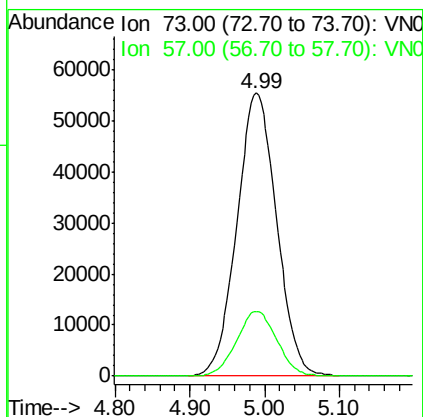
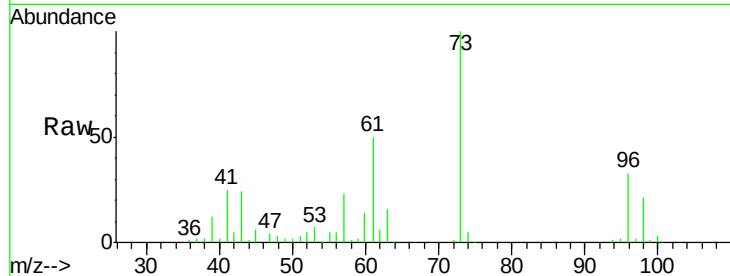




#19
Methvl tert-butyl Ether
Concen: 50.044 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

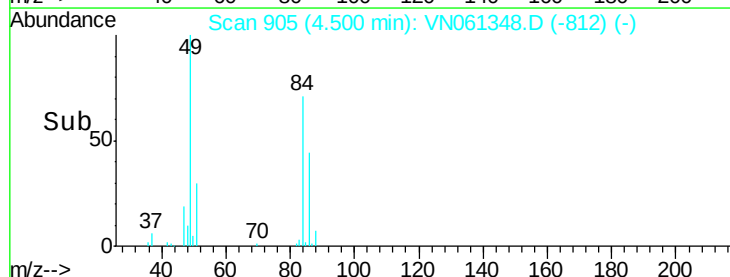
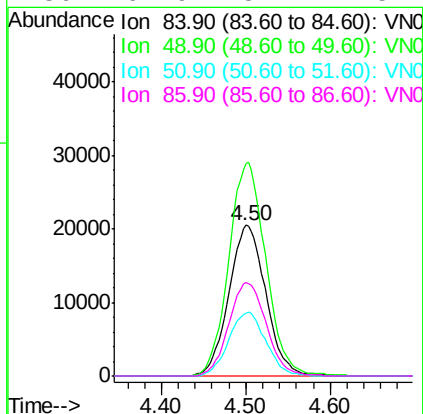
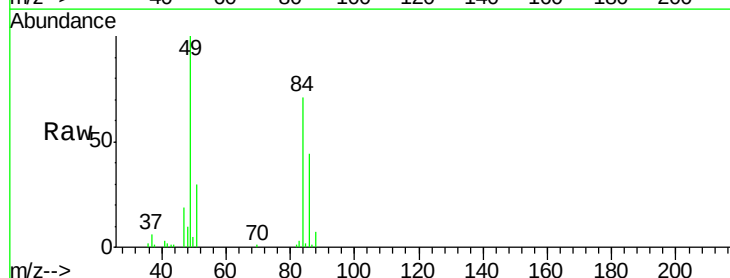
Instrument :
MSVOA_N
ClientSampleId :

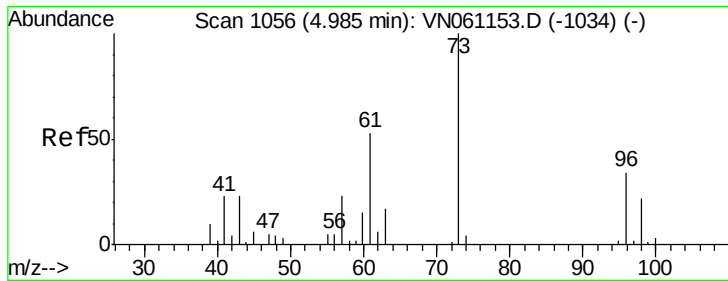
Tot Ion: 73 Resp: 204554
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 49.983 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 84 Resp: 62525
Ion Ratio Lower Upper
84 100
49 141.0 112.0 168.0
51 42.0 33.6 50.4
86 61.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.503 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

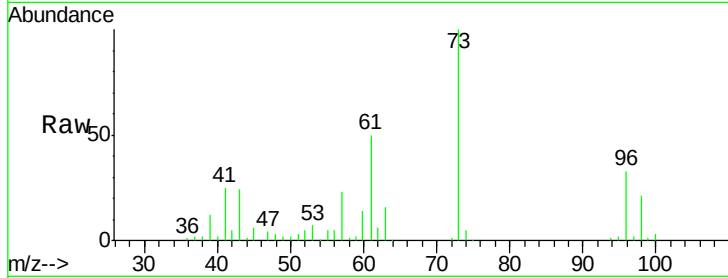
Tot Ion: 96 Resp: 56497

Ion Ratio Lower Upper

96 100

61 152.3 123.0 184.4

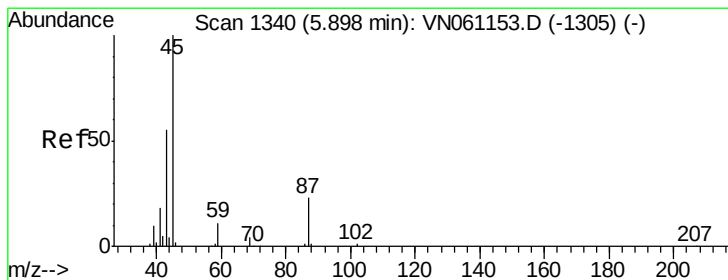
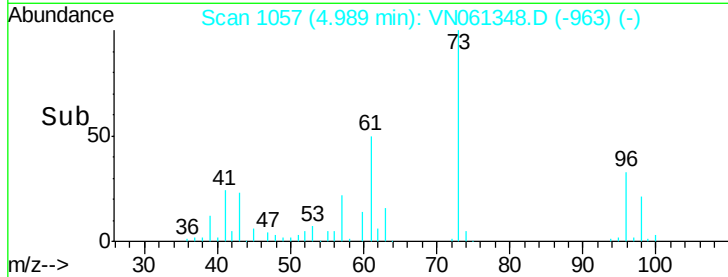
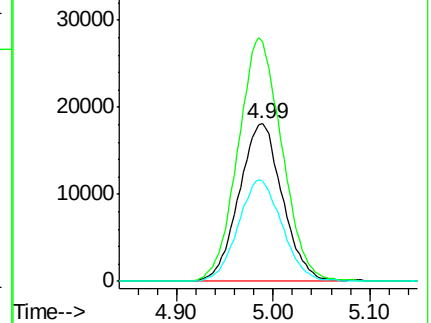
98 63.5 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1034) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1034) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1034) (-)



#22

Diisopropyl ether

Concen: 52.633 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Tgt Ion: 45 Resp: 242079

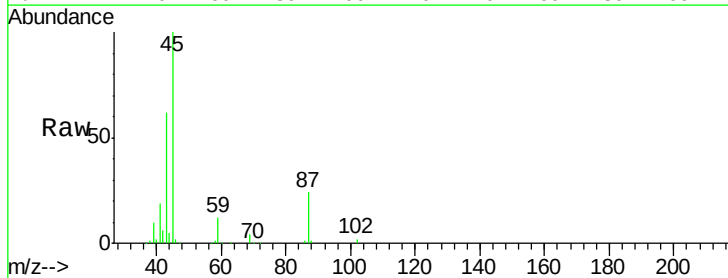
Ion Ratio Lower Upper

45 100

43 60.7 47.9 71.9

87 23.7 19.2 28.8

59 11.3 9.0 13.4

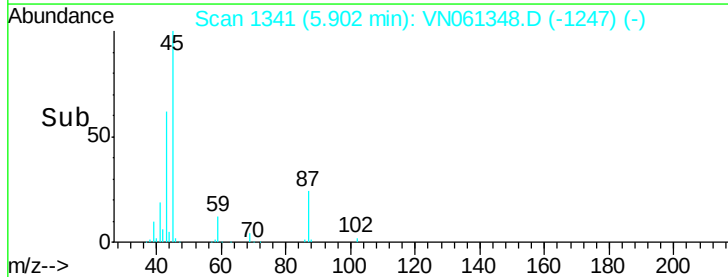
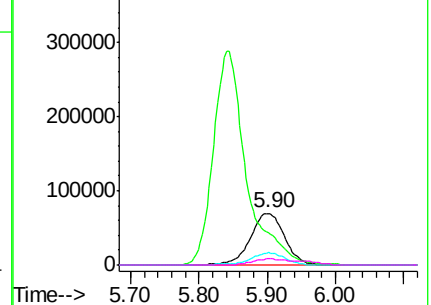


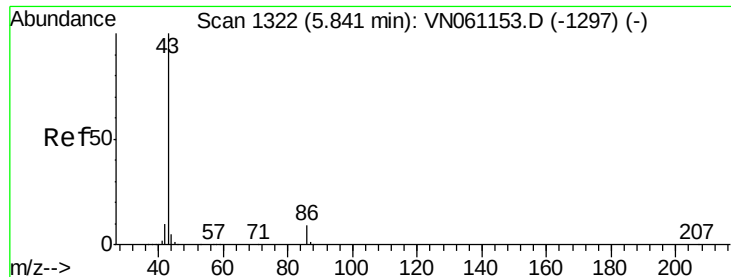
Abundance Ion 45.00 (44.70 to 45.70): VN061153.D (-1305) (-)

Ion 43.00 (42.70 to 43.70): VN061153.D (-1305) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-1305) (-)

Ion 59.00 (58.70 to 59.70): VN061153.D (-1305) (-)





#23

Vinyl Acetate

Concen: 262.278 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

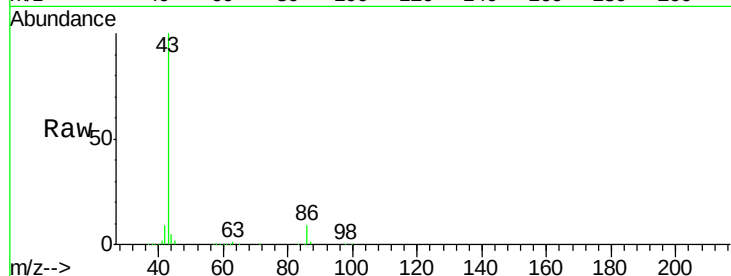
ClientSampleId :

Tot Ion: 43 Resp: 971306

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)

5.84

300000

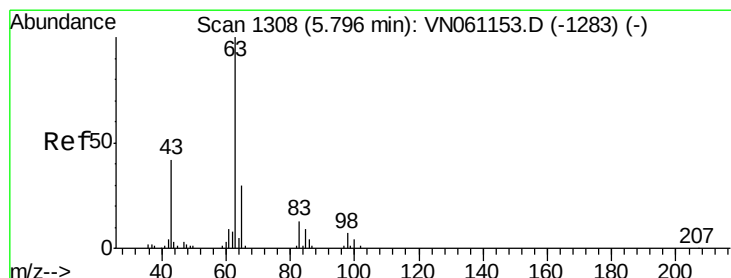
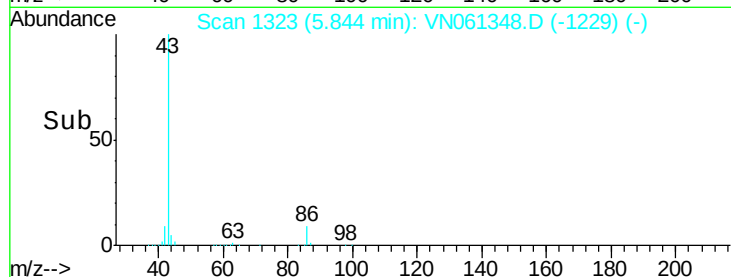
200000

100000

0

5.80 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 50.923 ug/l

RT: 5.80 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

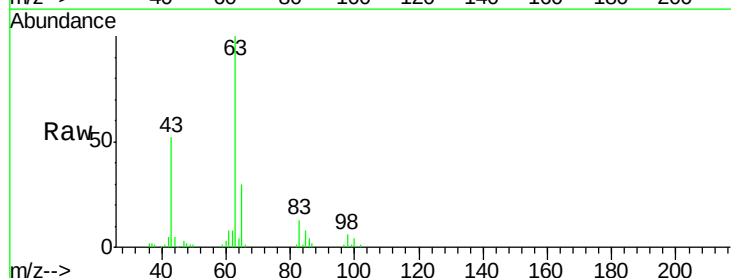
Tgt Ion: 63 Resp: 122373

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

5.80

50000

40000

30000

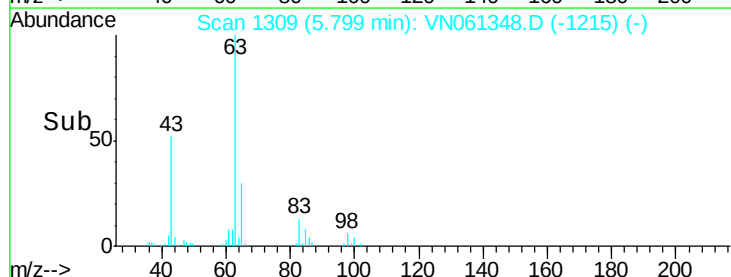
20000

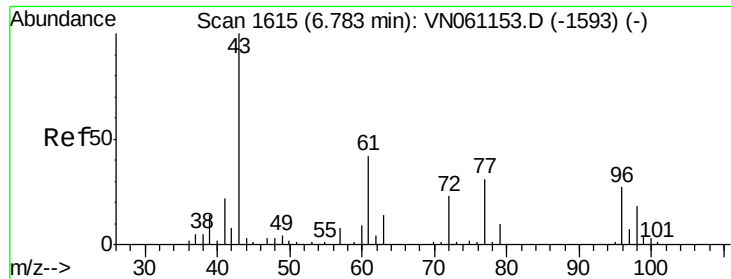
10000

0

5.70 5.80 5.90

Time-->

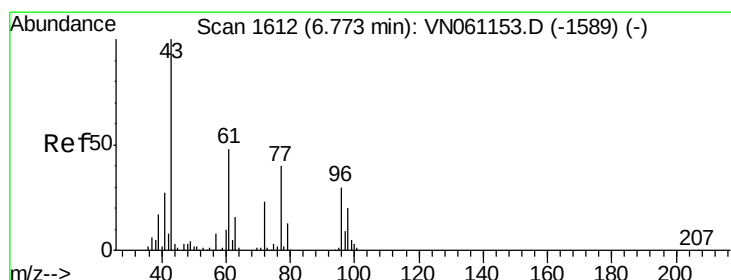
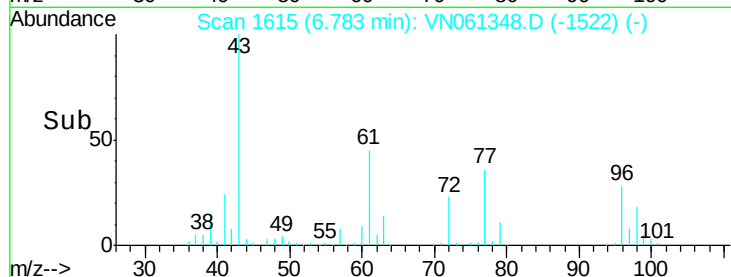
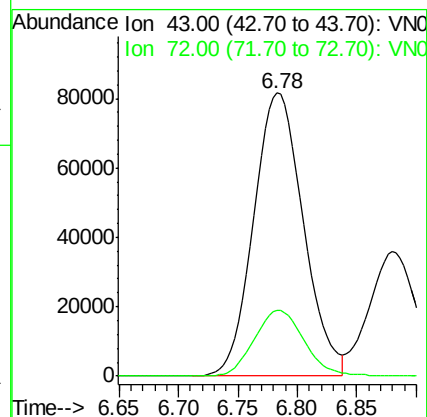
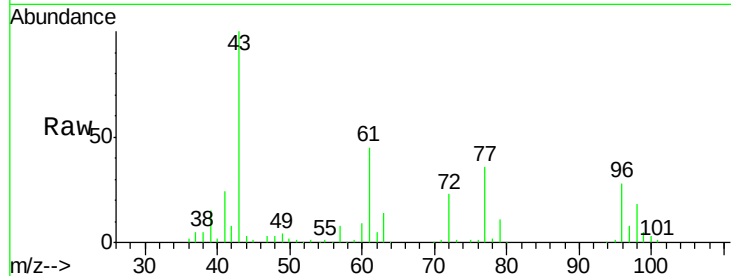




#25
2-Butanone
Concen: 248.957 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

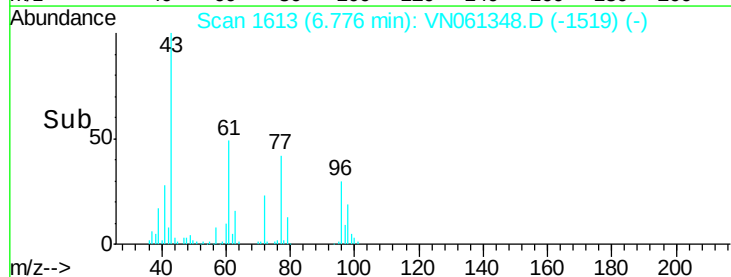
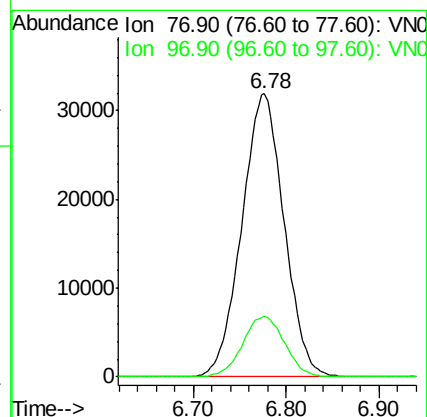
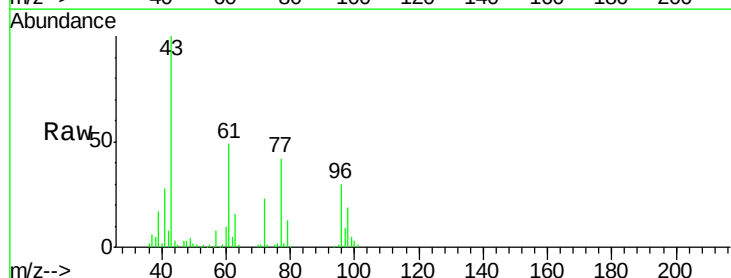
Instrument :
MSVOA_N
ClientSampled :

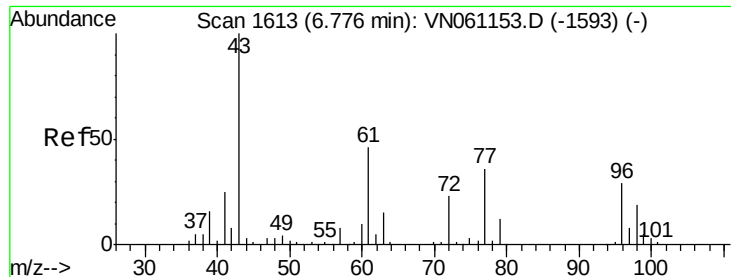
Tot Ion: 43 Resp: 236330
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4



#26
2,2-Dichloropropane
Concen: 49.807 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 77 Resp: 100815
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 49.050 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

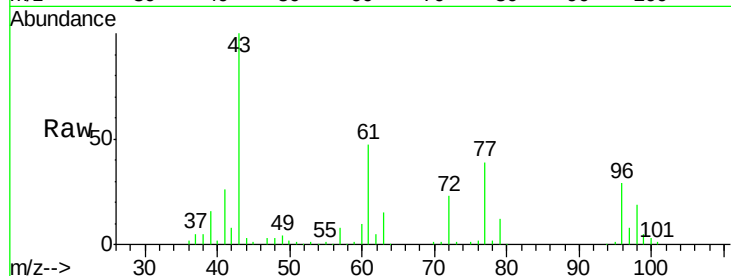
Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 67047

Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	322.0
98	64.4	0.0	129.6

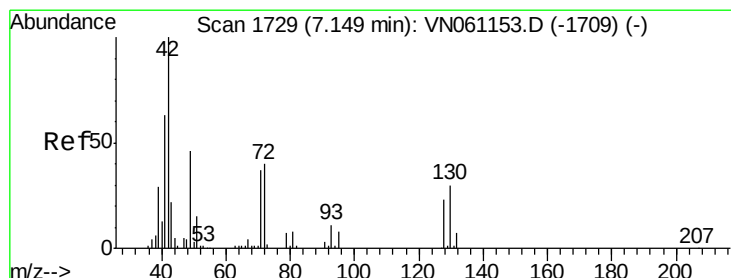
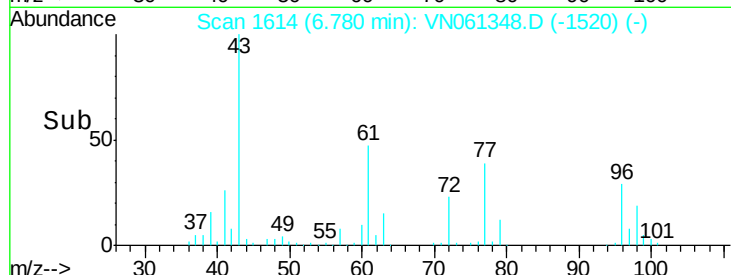
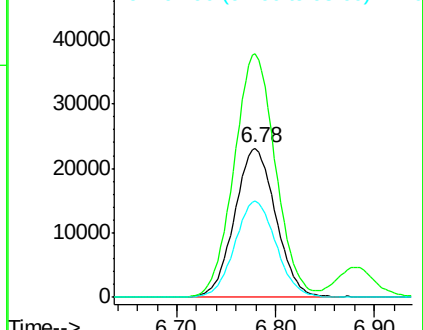


Abundance

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: 55.872 ug/l

RT: 7.15 min Scan# 1729

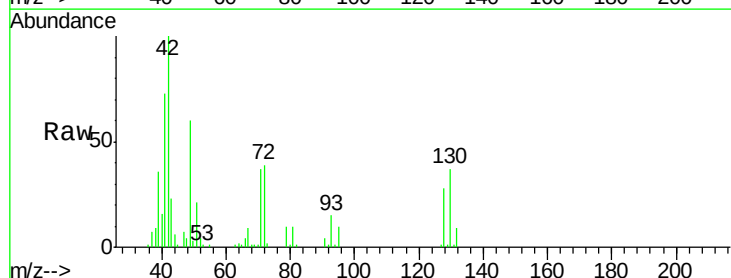
Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Tgt Ion: 49 Resp: 63639

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	60.1	51.4	77.2

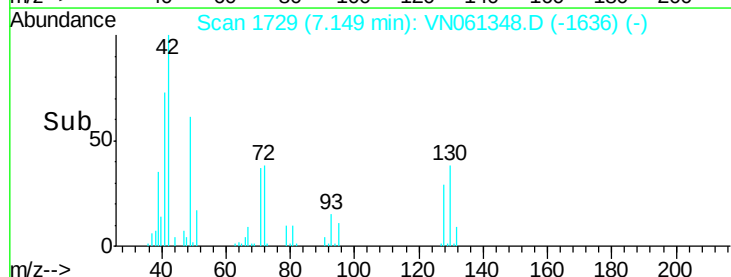
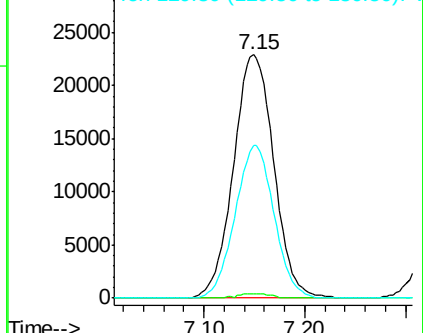


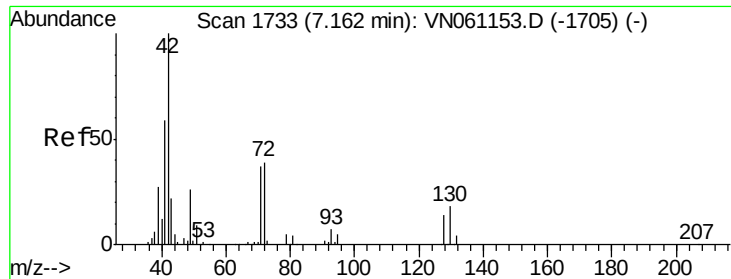
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0

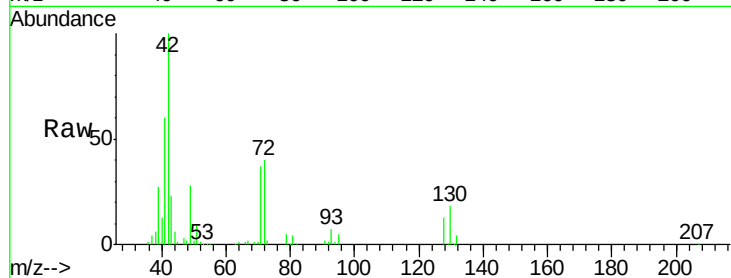




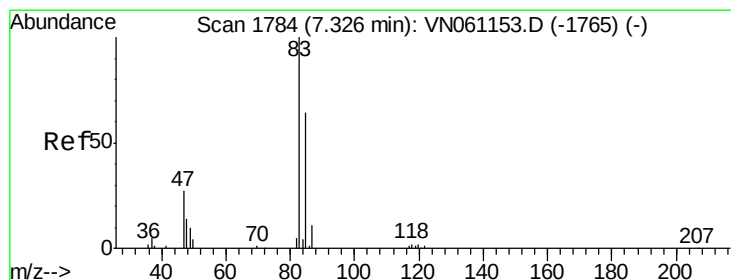
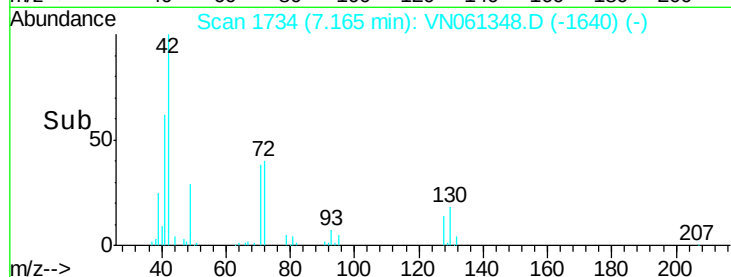
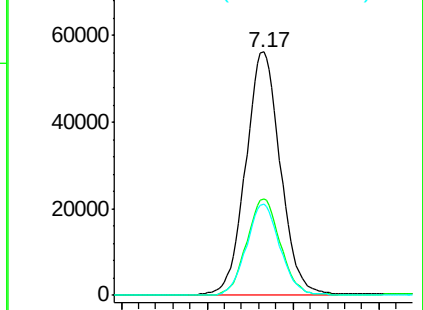
#29
Tetrahydrofuran
Concen: 247.762 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 158433
Ion Ratio Lower Upper
42 100
72 38.6 31.4 47.0
71 36.3 29.5 44.3

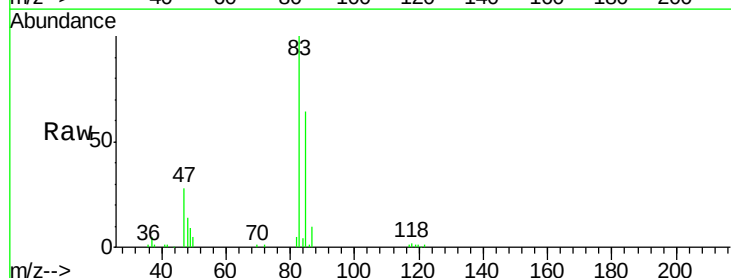


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

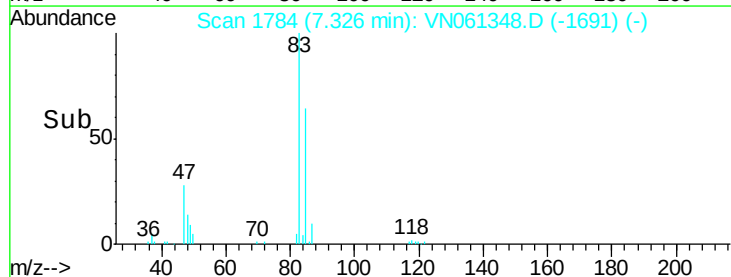
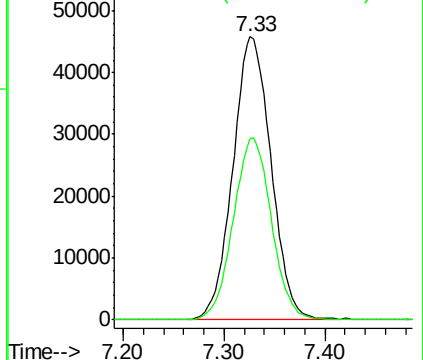


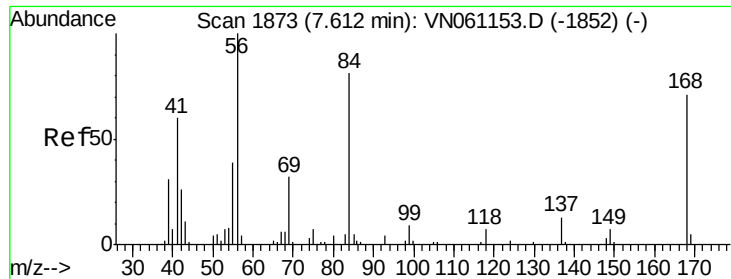
#30
Chloroform
Concen: 49.367 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 83 Resp: 120222
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7



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

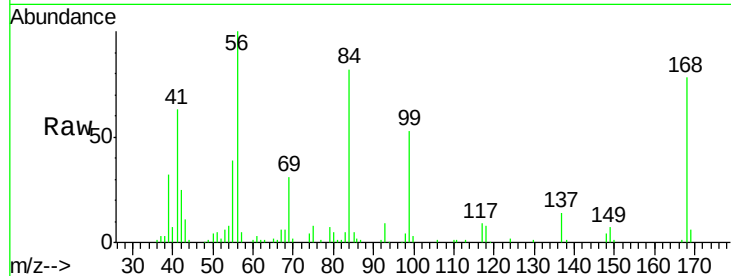




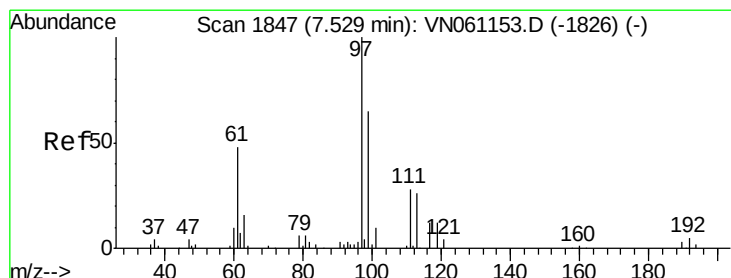
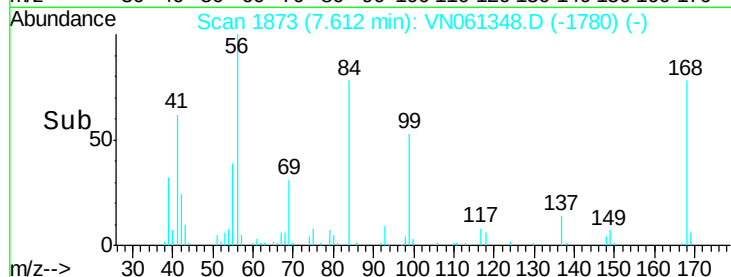
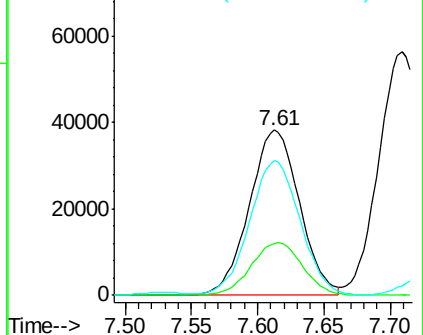
#31
Cyclohexane
Concen: 43.272 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 100988
Ion Ratio Lower Upper
56 100
69 31.4 25.7 38.5
84 80.7 64.6 97.0

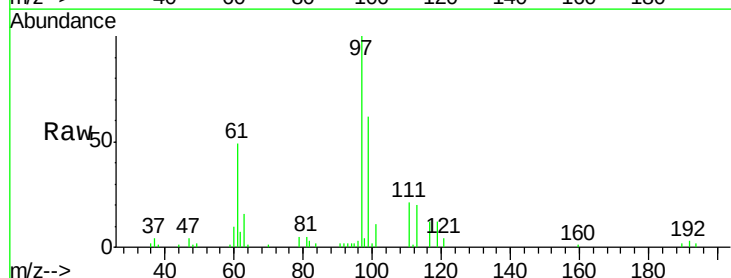


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

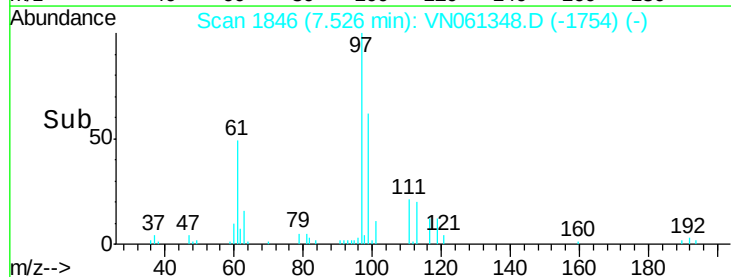
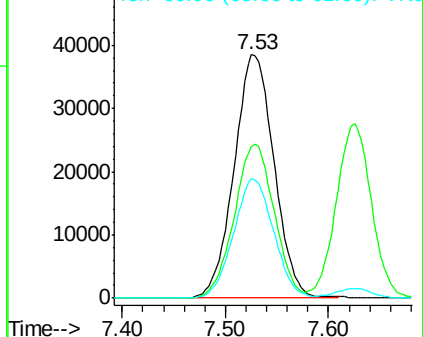


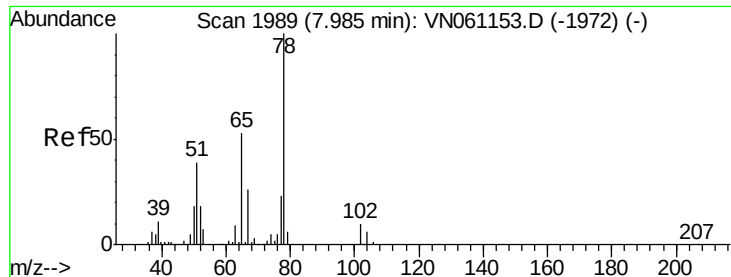
#32
1,1,1-Trichloroethane
Concen: 48.945 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 97 Resp: 103793
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 49.1 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

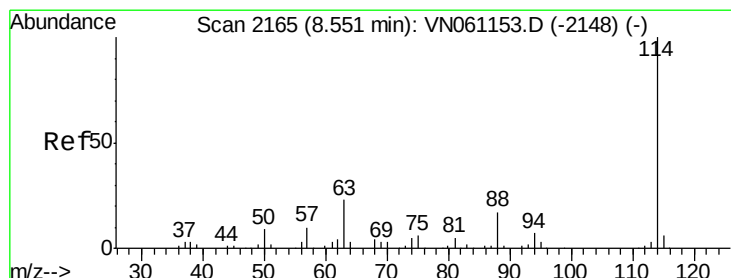
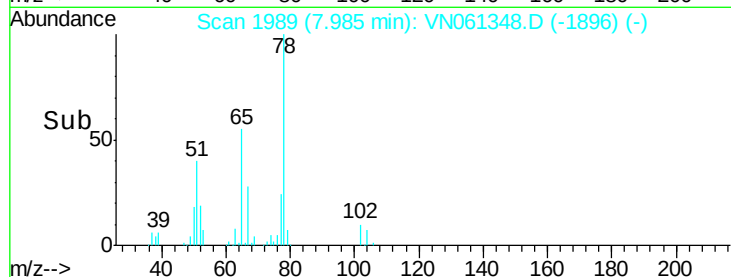
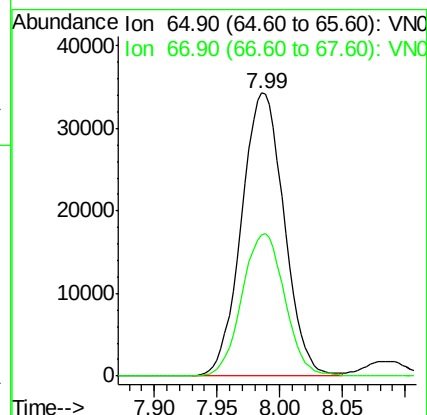
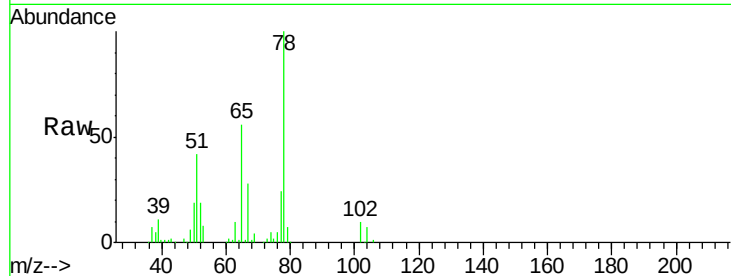




#33
 1,2-Dichloroethane-d4
 Concen: 50.632 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

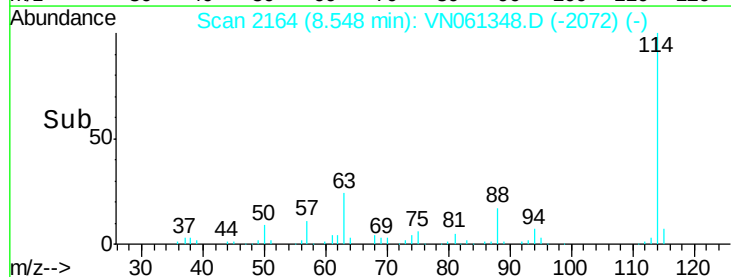
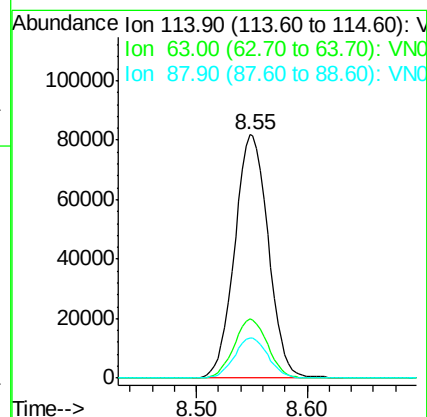
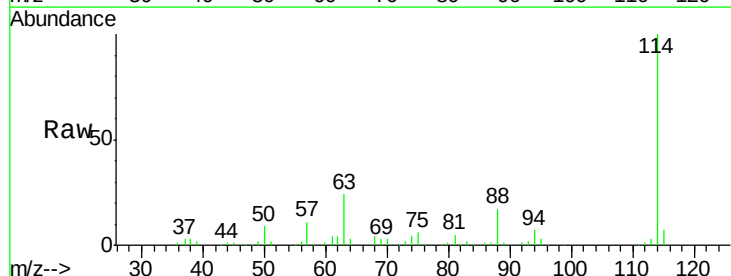
Instrument :
 MSVOA_N
 ClientSampleId :

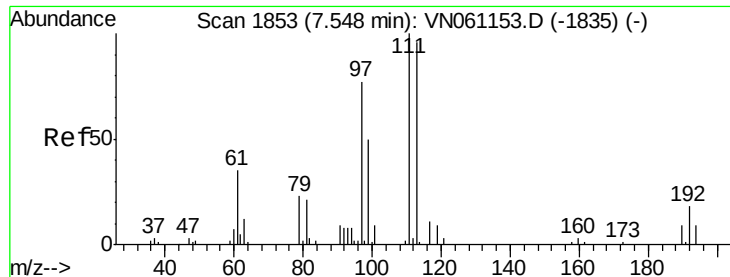
Tot Ion: 65 Resp: 81226
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion: 114 Resp: 172749
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.6 0.0 33.4

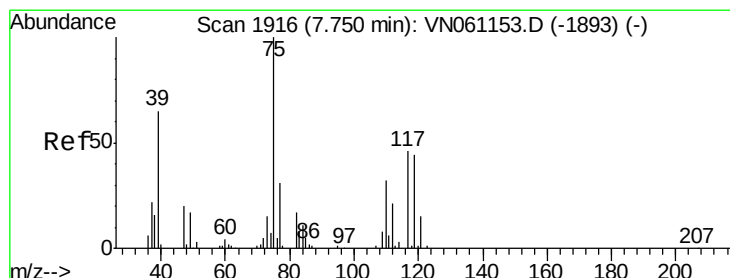
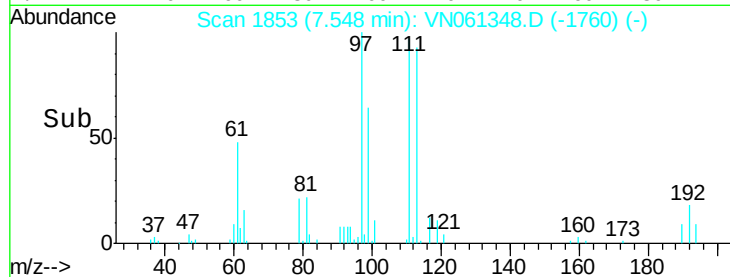
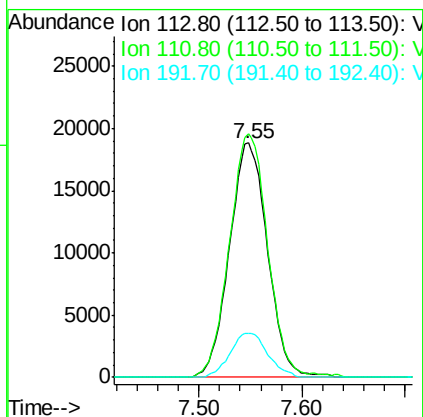
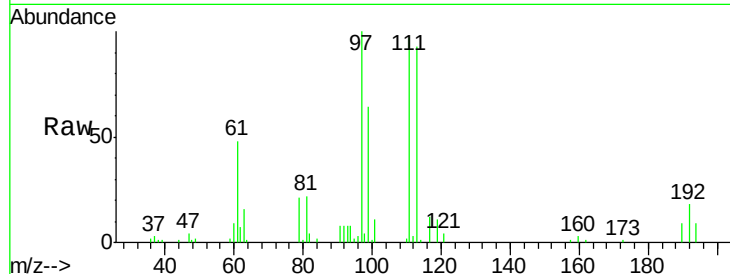




#35
 Dibromofluoromethane
 Concen: 47.383 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

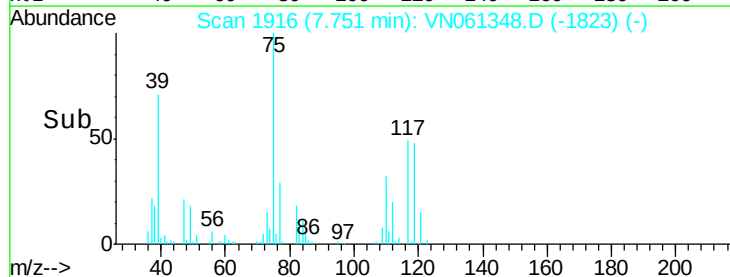
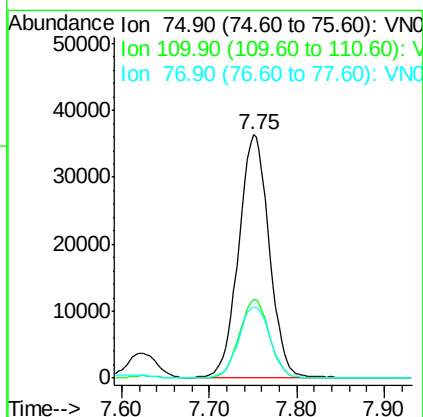
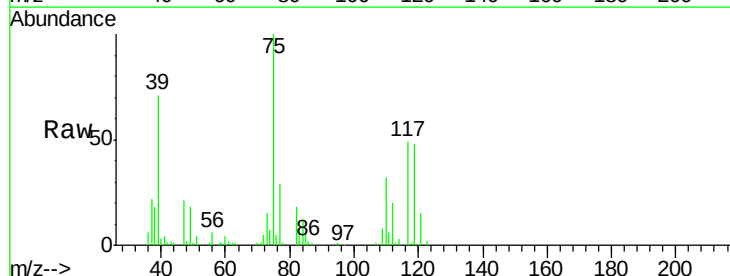
Instrument :
 MSVOA_N
 ClientSampled :

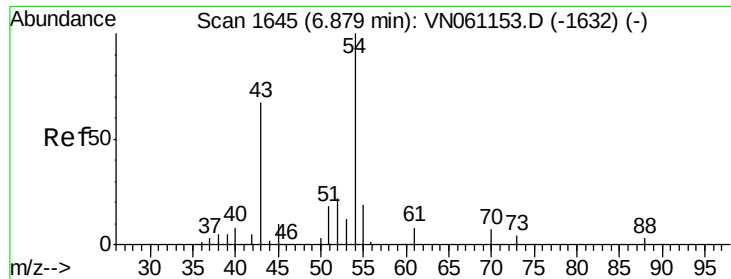
Tot Ion:113 Resp: 48402
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 51.076 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion: 75 Resp: 88326
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 30.0 24.6 37.0

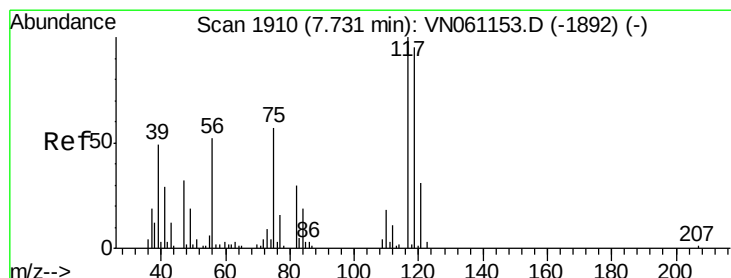
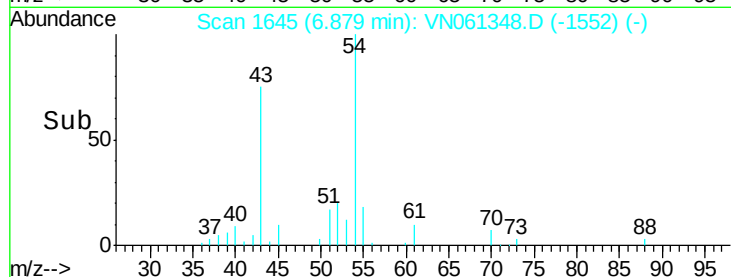
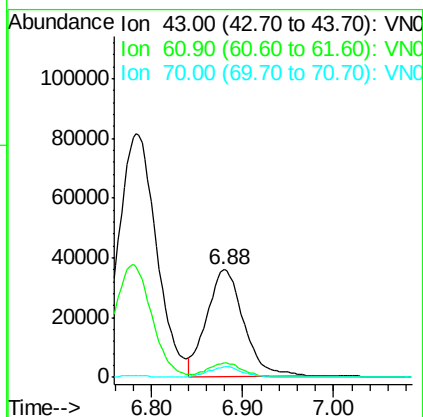
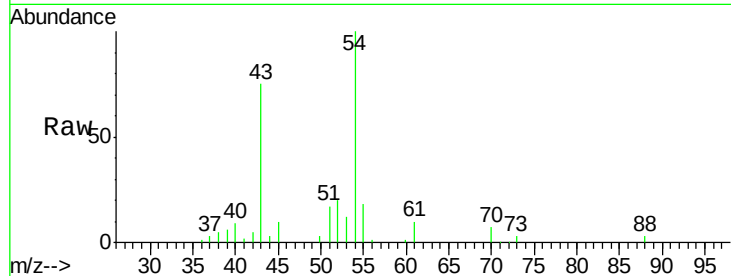




#37
Ethyl Acetate
Concen: 50.299 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

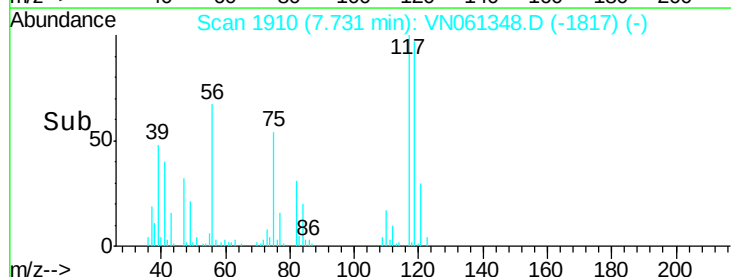
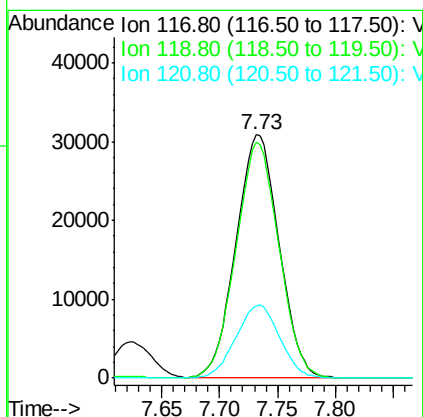
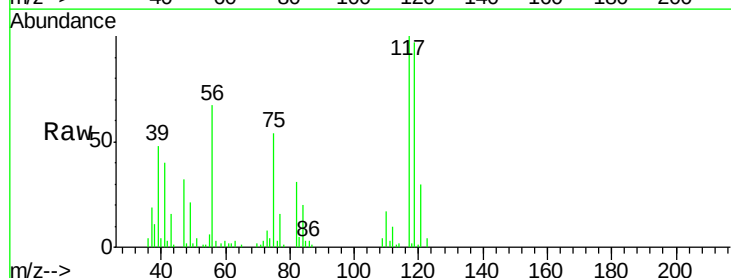
Instrument :
MSVOA_N
ClientSampled :

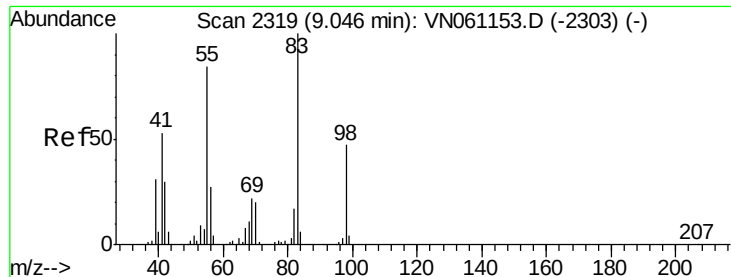
Tot Ion: 43 Resp: 101973
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.678 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 117 Resp: 80010
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
121 29.8 24.7 37.1

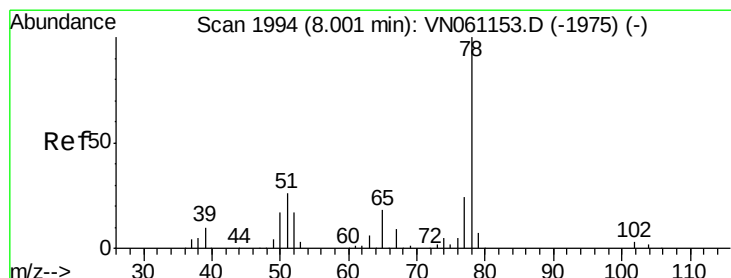
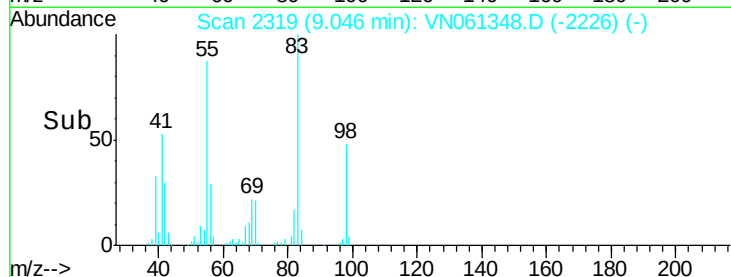
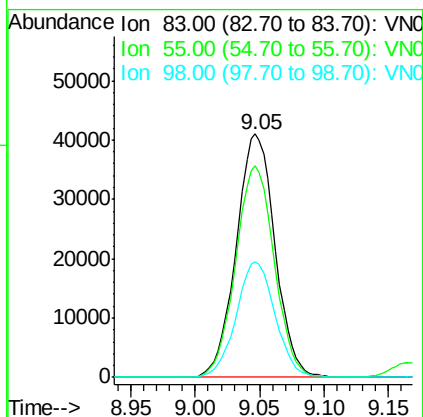
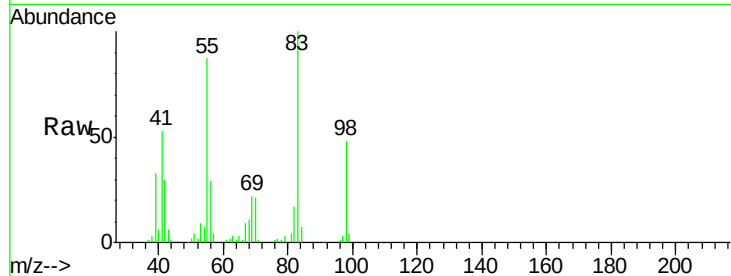




#39
Methylvlcyclohexane
Concen: 44.232 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

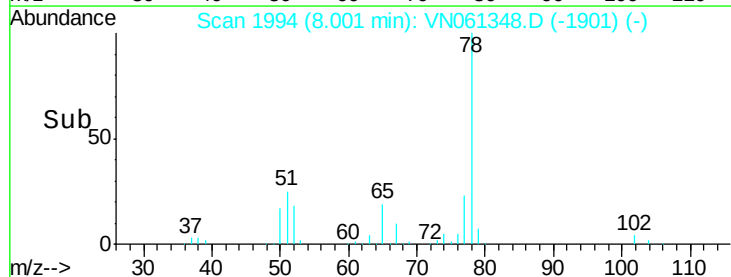
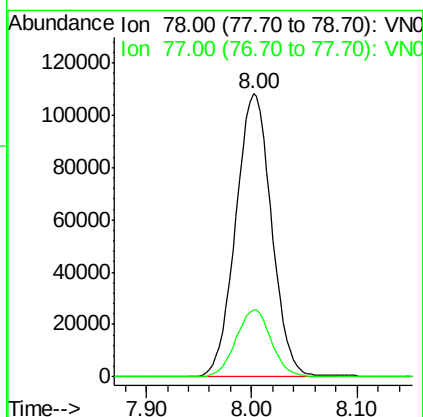
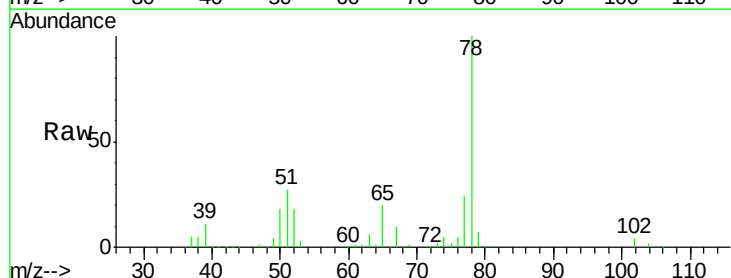
Instrument :
MSVOA_N
ClientSampleId :

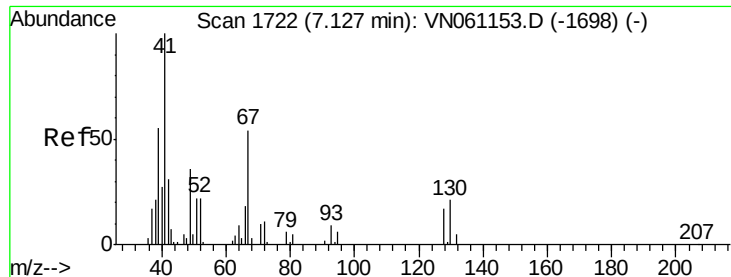
Tot Ion: 83 Resp: 85782
Ion Ratio Lower Upper
83 100
55 86.7 67.3 100.9
98 47.7 37.7 56.5



#40
Benzene
Concen: 49.600 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 78 Resp: 255537
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

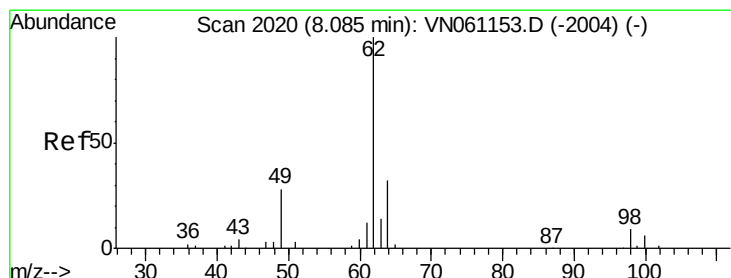
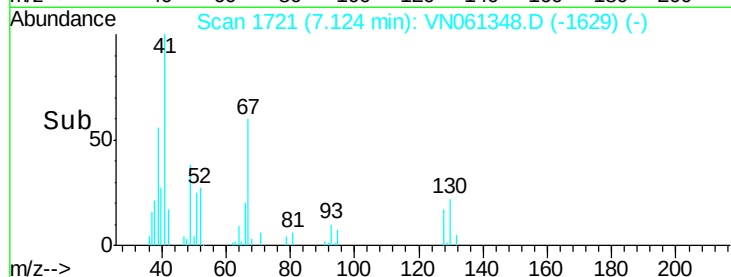
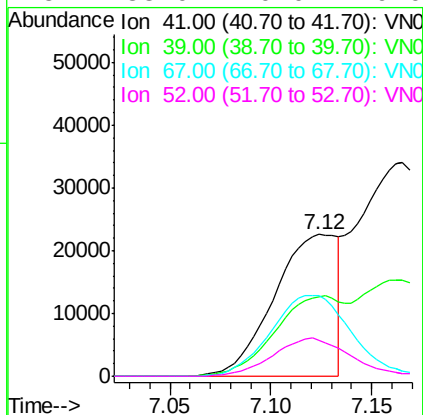
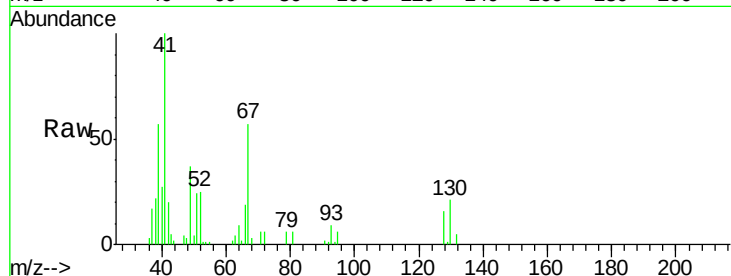




#41
Methacrylonitrile
Concen: 58.360 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

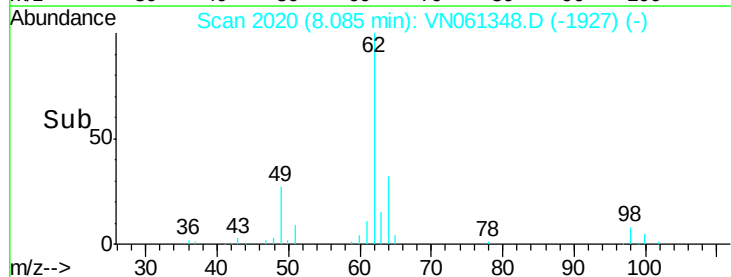
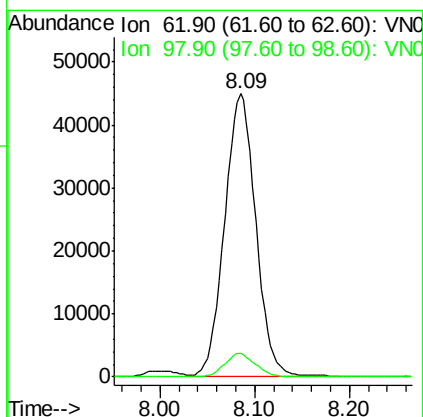
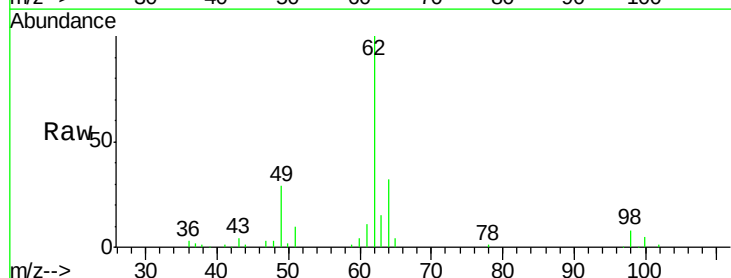
Instrument :
MSVOA_N
ClientSampled :

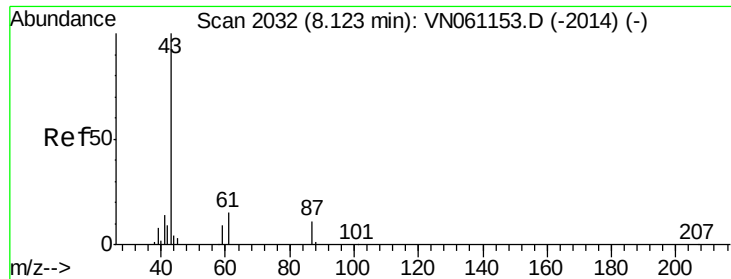
Tot Ion:	41	Resp:	49124
Ion	Ratio	Lower	Upper
41	100		
39	60.1	0.0	0.0#
67	73.3	0.0	0.0#
52	33.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.836 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion:	62	Resp:	103123
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.424 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

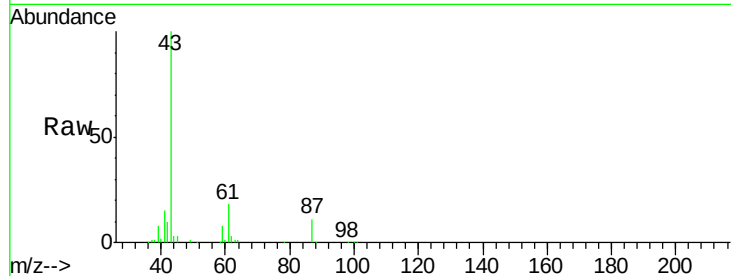
Tot Ion: 43 Resp: 173020

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

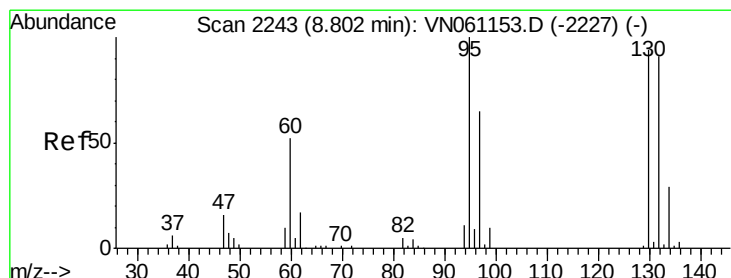
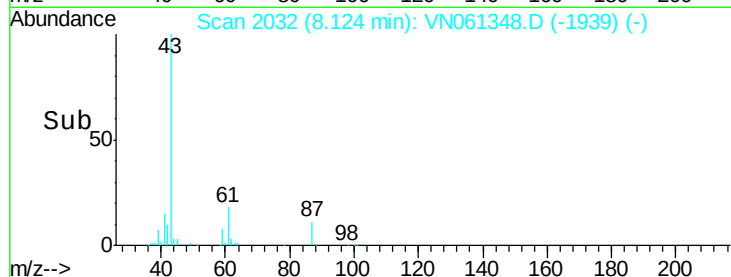
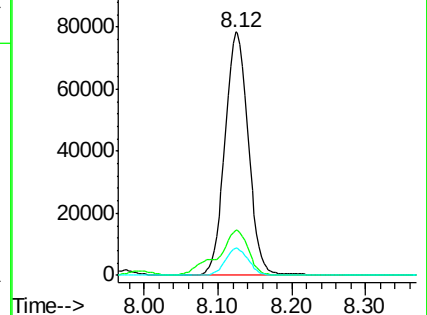
87 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 45.049 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061348.D

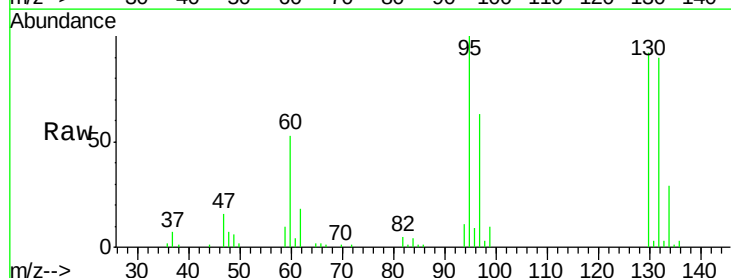
Acq: 7 May 2020 20:44

Tgt Ion: 130 Resp: 62742

Ion Ratio Lower Upper

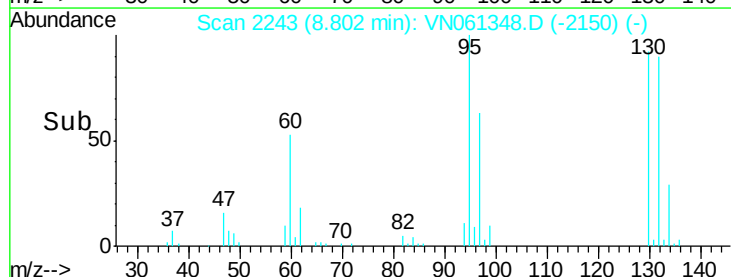
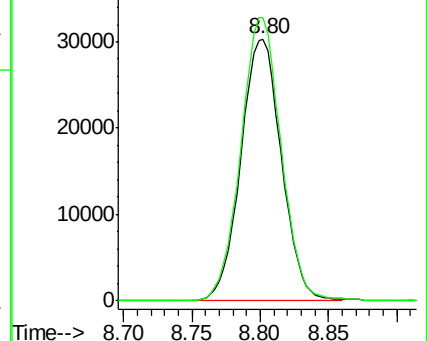
130 100

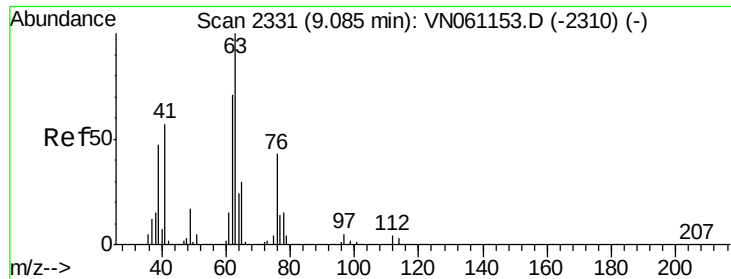
95 108.2 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 51.485 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

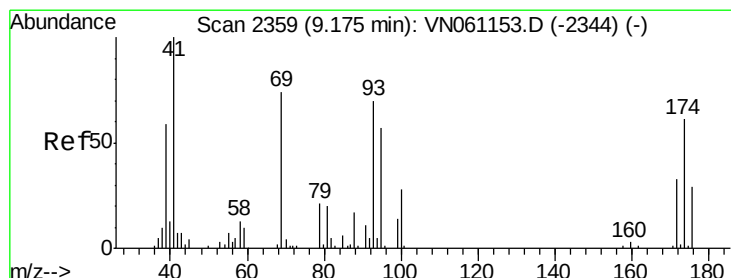
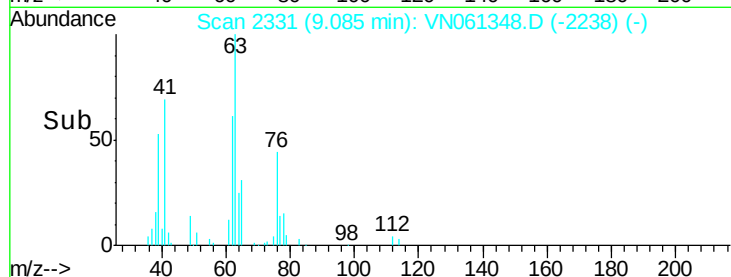
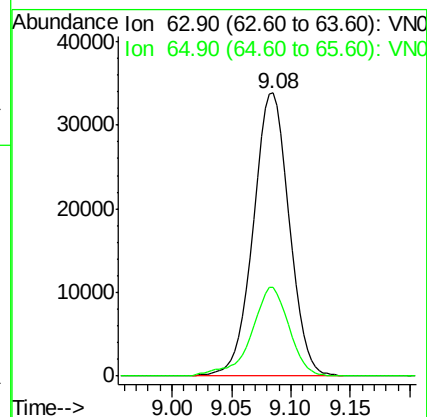
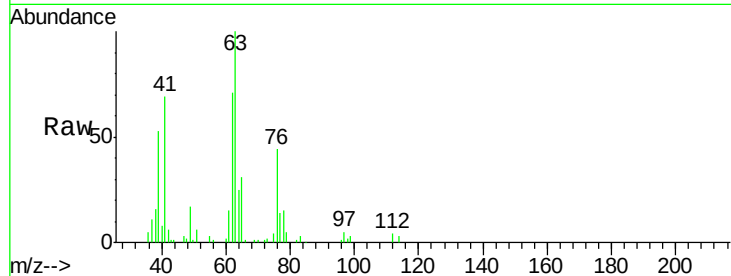
ClientSampleId :

Tot Ion: 63 Resp: 70864

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 52.756 ug/l

RT: 9.18 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

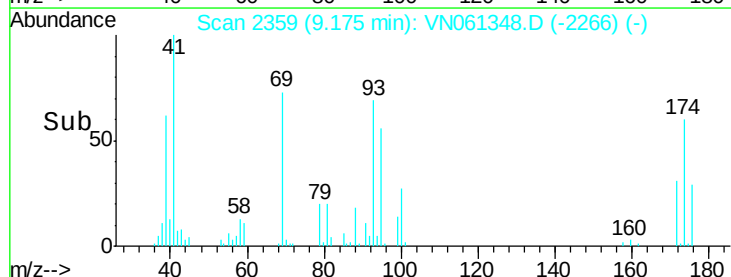
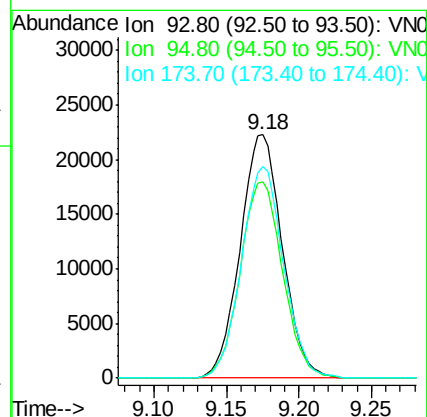
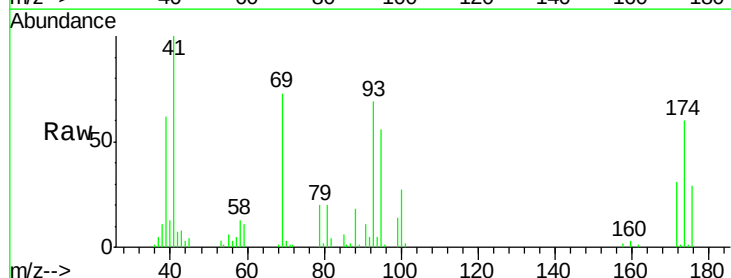
Tgt Ion: 93 Resp: 44960

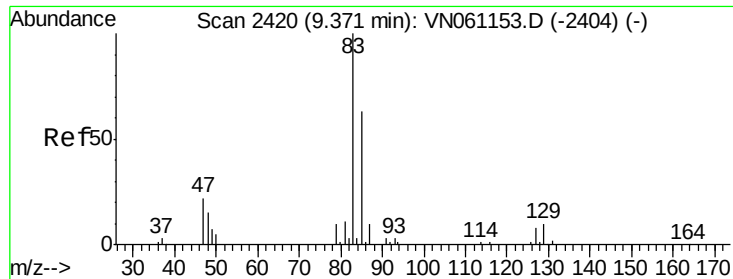
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

174 87.2 70.2 105.2





#47

Bromodichloromethane

Concen: 52.728 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

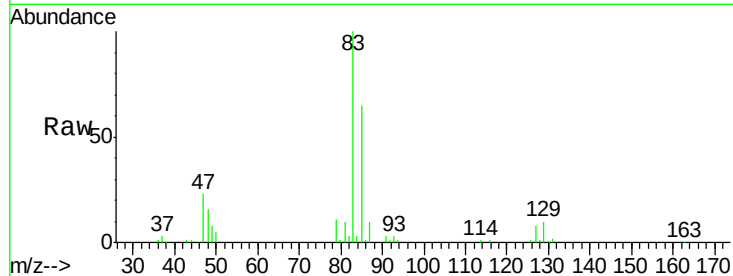
Tot Ion: 83 Resp: 96452

Ion Ratio Lower Upper

83 100

85 65.3 50.4 75.6

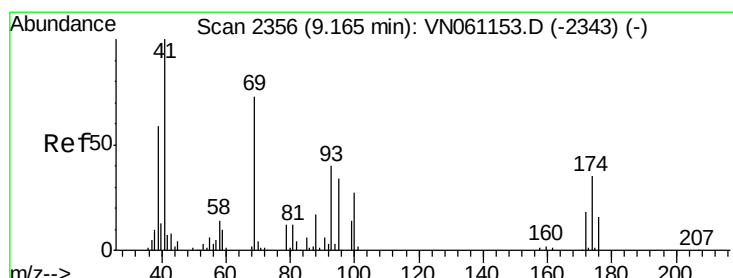
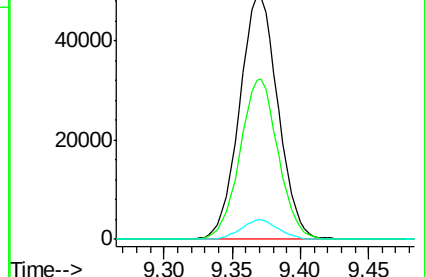
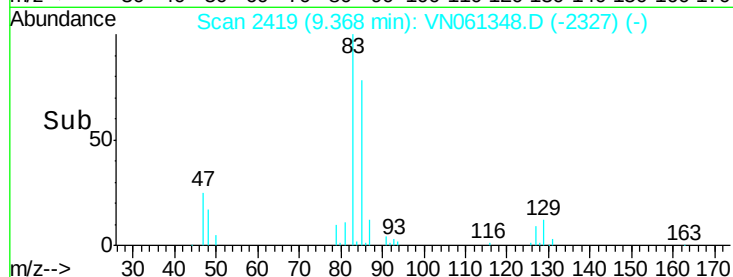
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 52.469 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

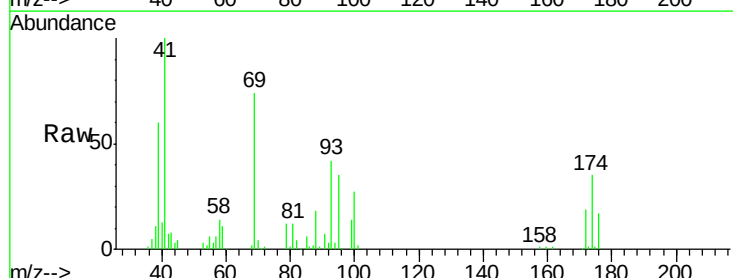
Tgt Ion: 41 Resp: 79661

Ion Ratio Lower Upper

41 100

69 74.6 60.3 90.5

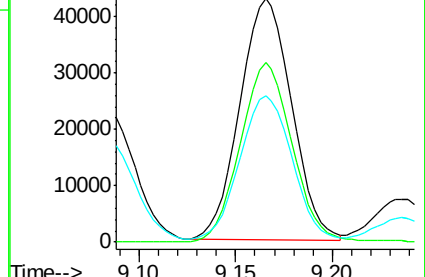
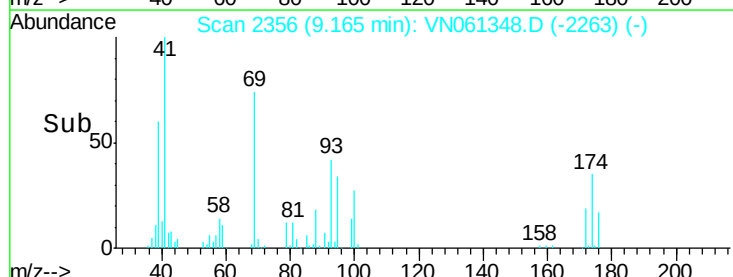
39 62.3 47.4 71.0

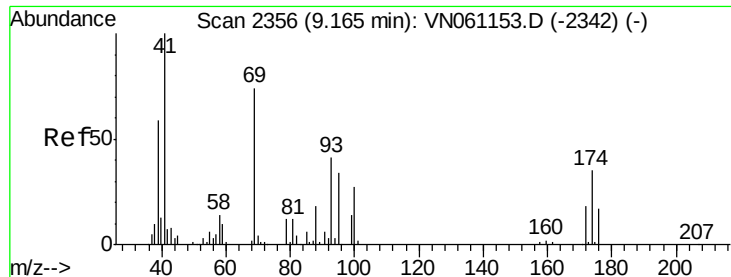


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

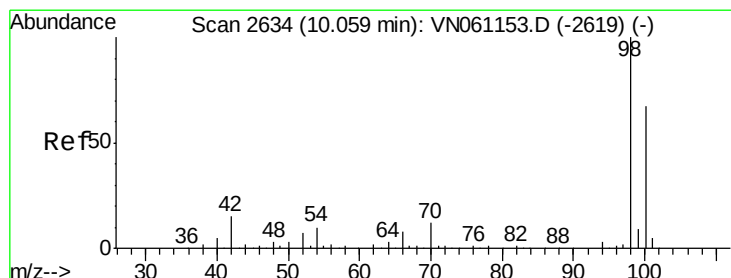
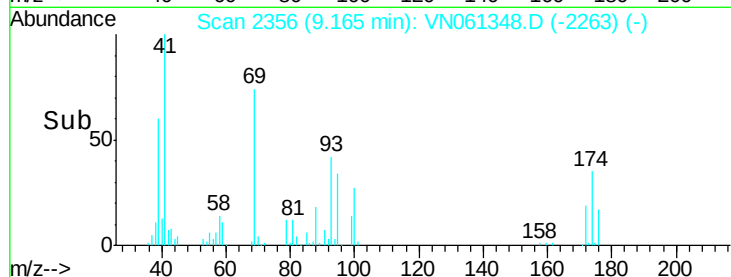
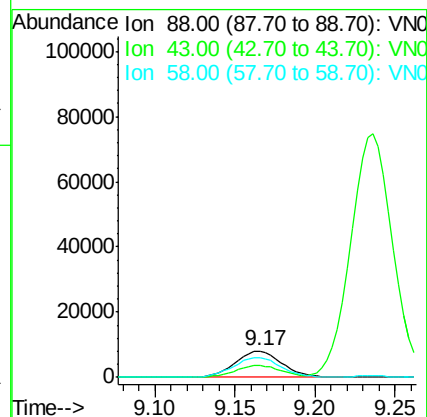
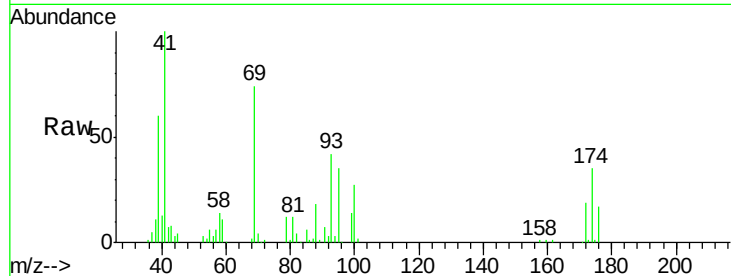




#49
1,4-Dioxane
Concen: 932.625 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

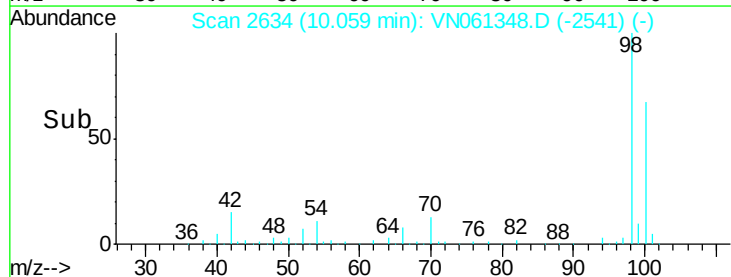
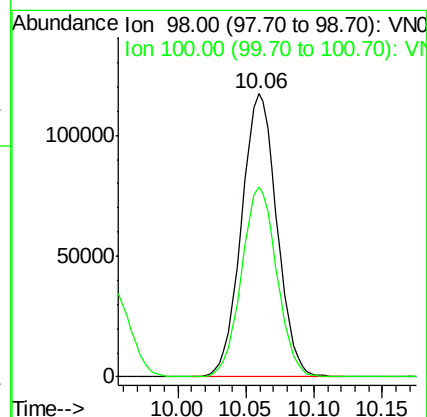
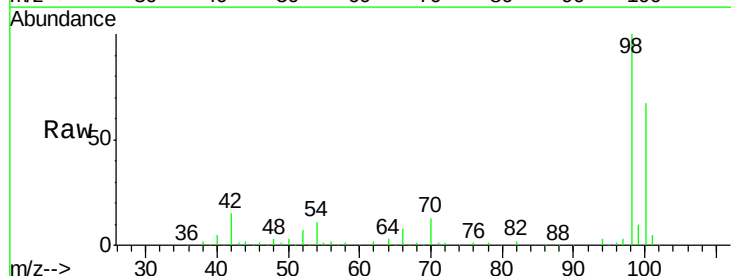
Instrument :
MSVOA_N
ClientSampled :

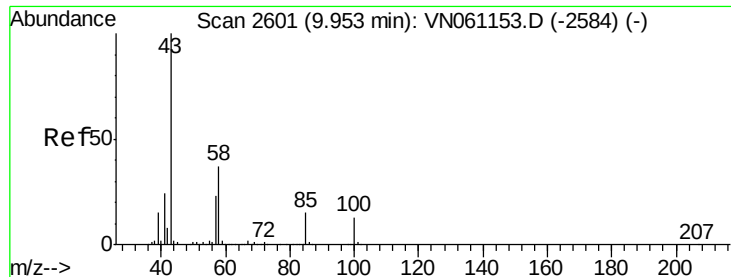
Tot Ion: 88 Resp: 16073
Ion Ratio Lower Upper
88 100
43 45.1 35.3 52.9
58 76.6 61.5 92.3



#50
Toluene-d8
Concen: 50.779 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 98 Resp: 211454
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

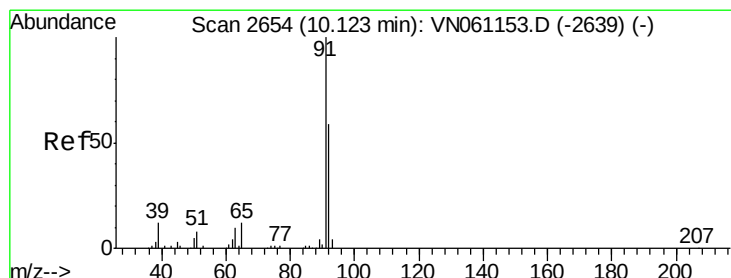
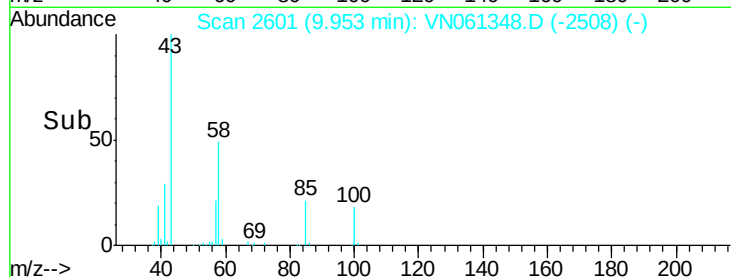
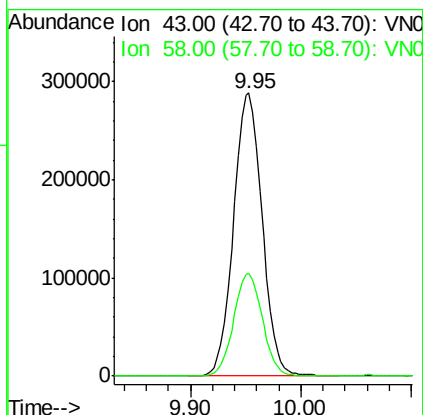
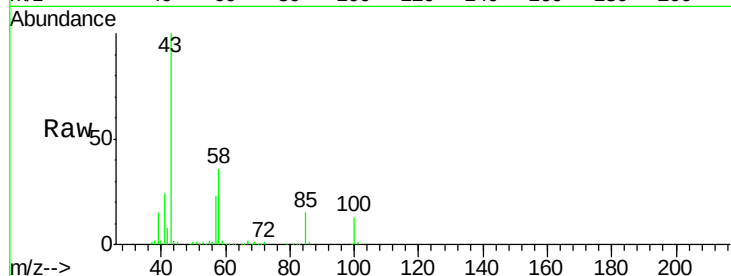




#51
4-Methyl-2-Pentanone
Concen: 262.061 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

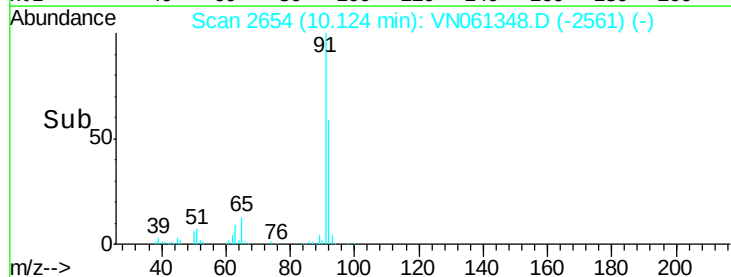
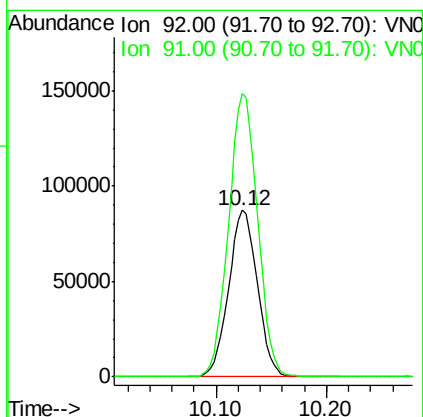
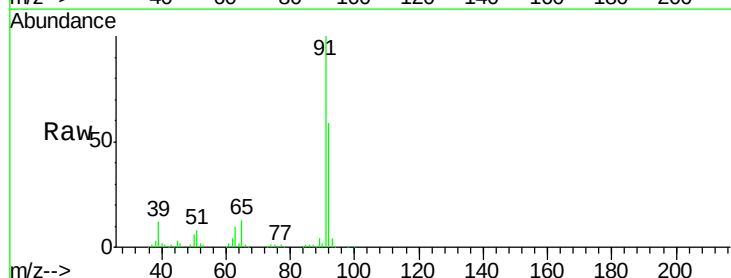
Instrument :
MSVOA_N
ClientSampled :

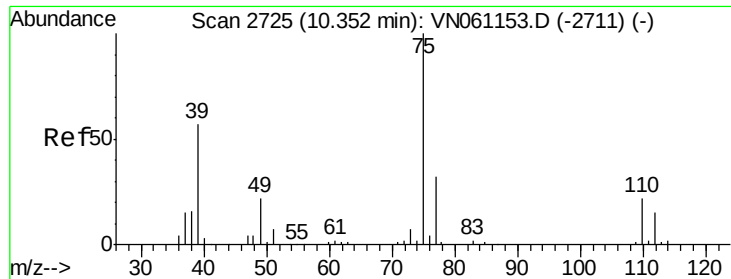
Tot Ion: 43 Resp: 518993
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 50.855 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 92 Resp: 157814
Ion Ratio Lower Upper
92 100
91 172.1 136.2 204.2

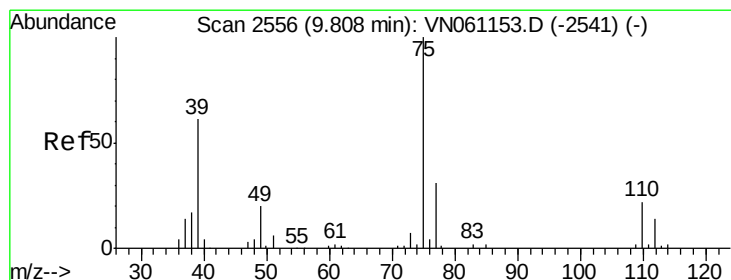
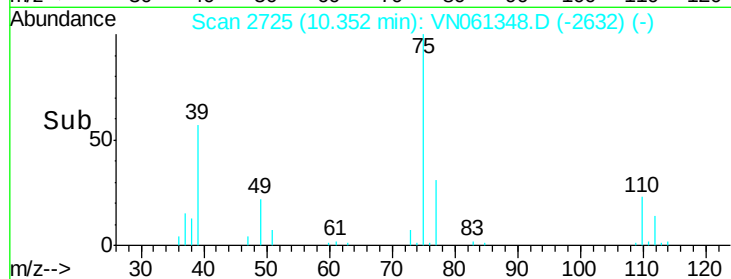
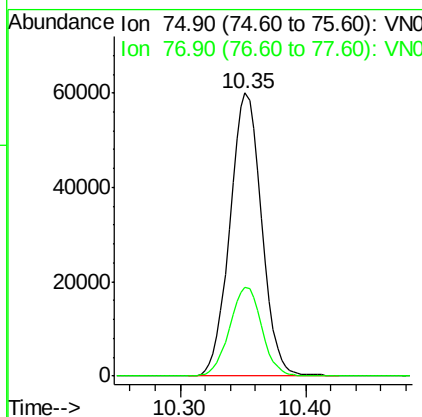
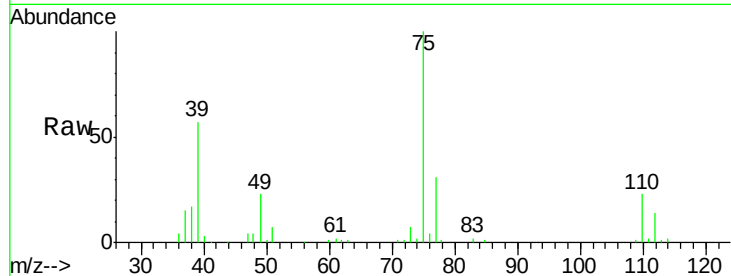




#53
t-1,3-Dichloropropene
Concen: 51.214 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

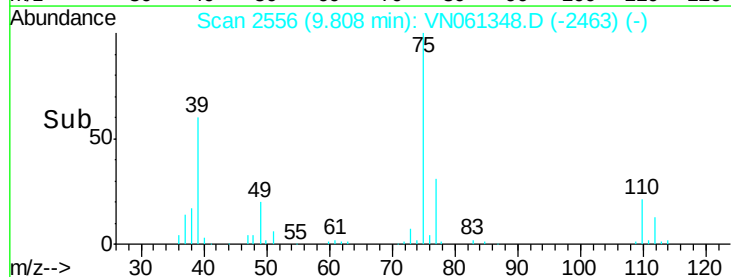
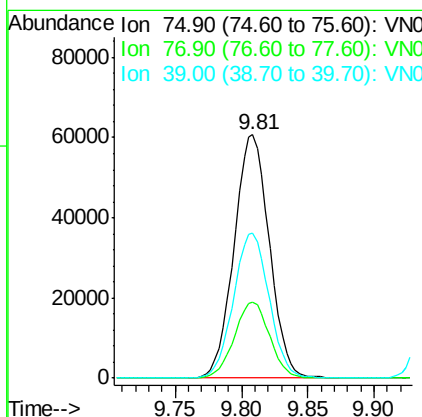
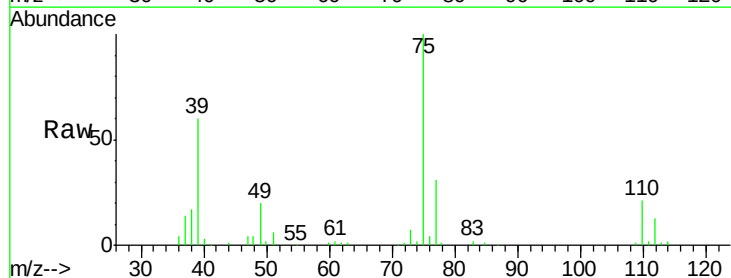
Instrument :
MSVOA_N
ClientSampleId :

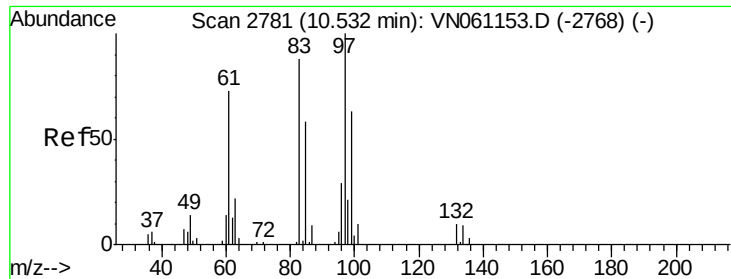
Tot Ion: 75 Resp: 105559
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 51.587 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 75 Resp: 112409
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 59.5 48.7 73.1

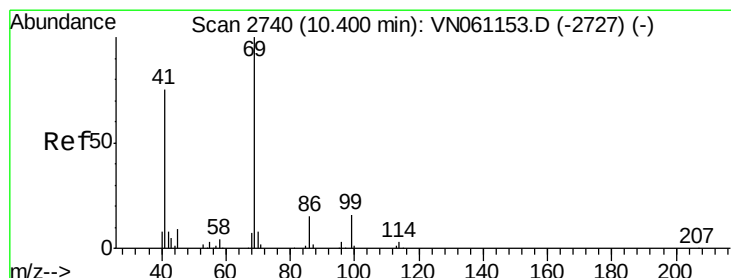
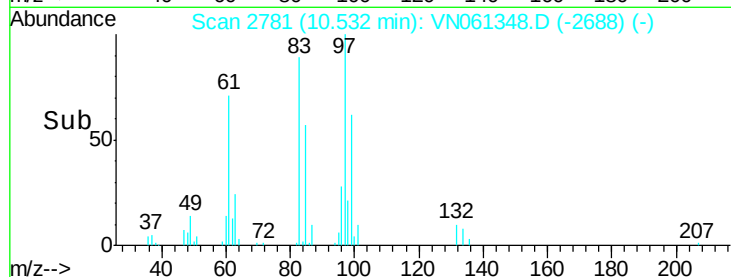
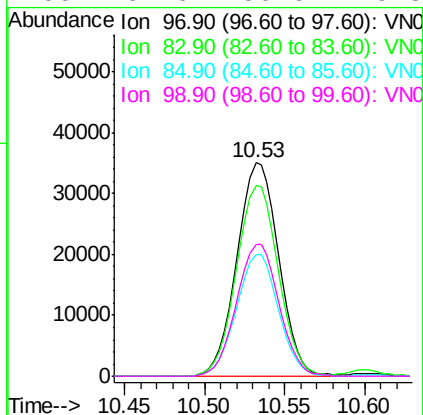
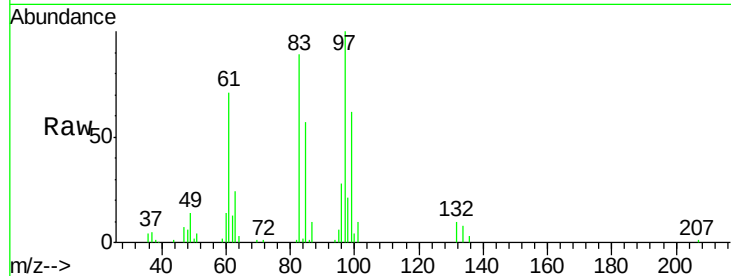




#55
 1,1,2-Trichloroethane
 Concen: 50.540 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

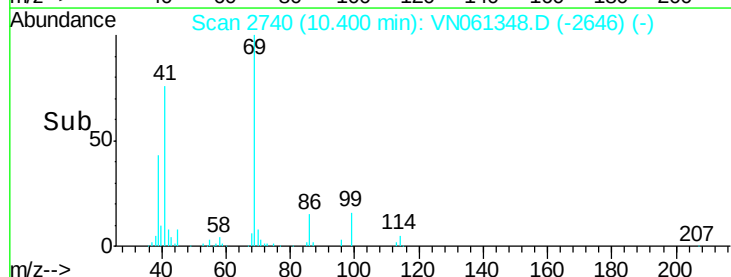
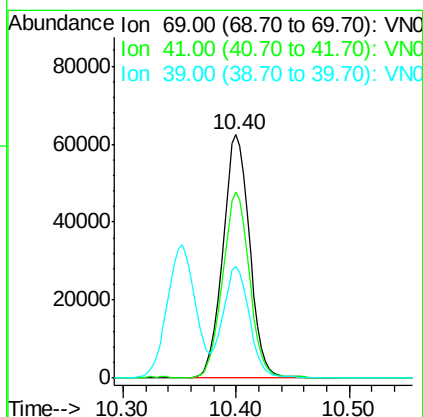
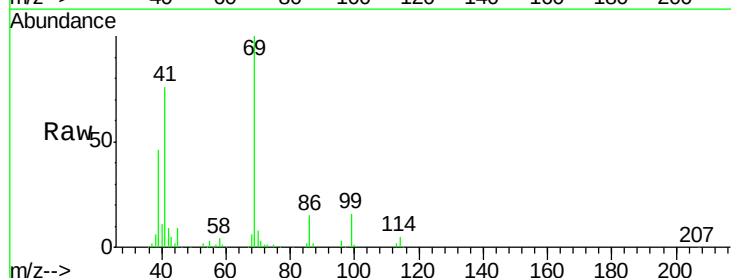
Instrument :
 MSVOA_N
 ClientSampled :

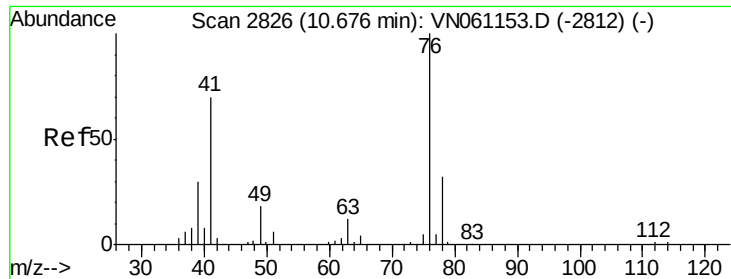
Tot Ion:	97	Resp:	62558
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.6	106.0
85	57.1	46.4	69.6
99	61.6	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 47.713 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion:	69	Resp:	102630
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.3	90.5
39	44.8	35.9	53.9





#57

1,3-Dichloropropane

Concen: 52.302 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

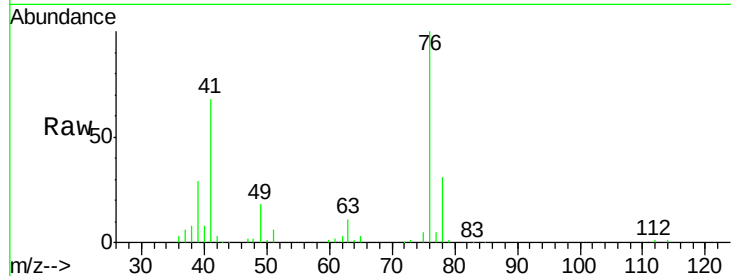
ClientSampled :

Tot Ion: 76 Resp: 113794

Ion Ratio Lower Upper

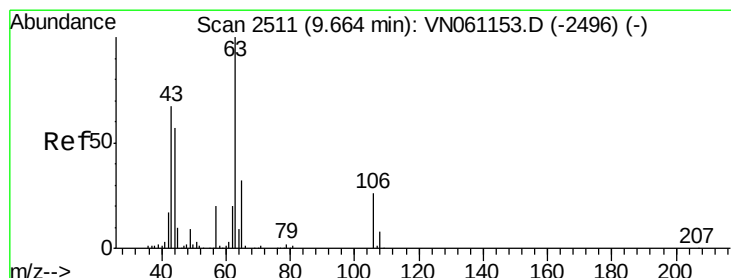
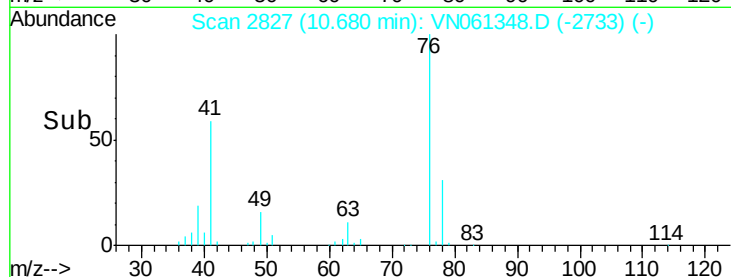
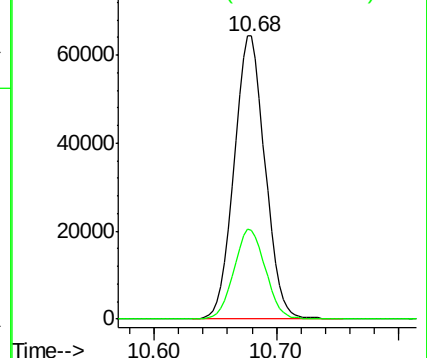
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 251.324 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061348.D

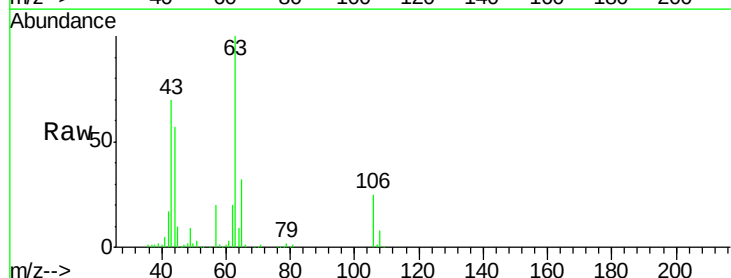
Acq: 7 May 2020 20:44

Tgt Ion: 63 Resp: 251806

Ion Ratio Lower Upper

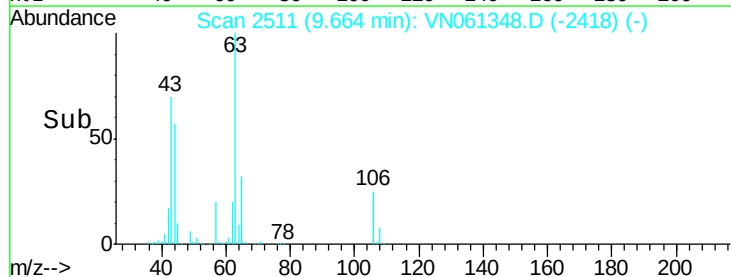
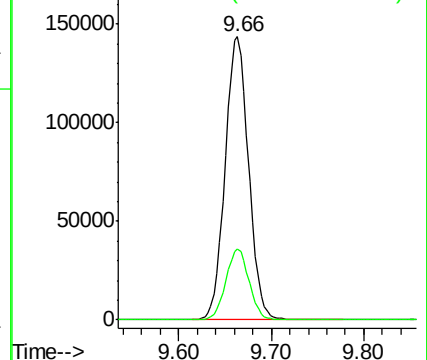
63 100

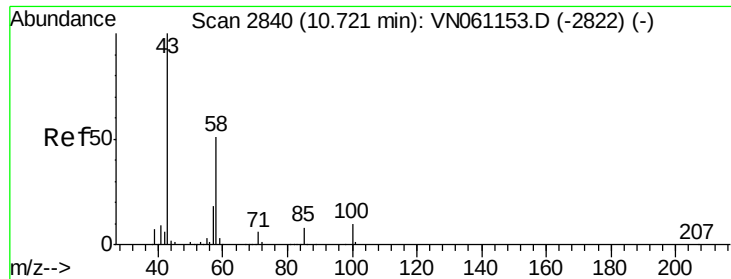
106 24.8 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

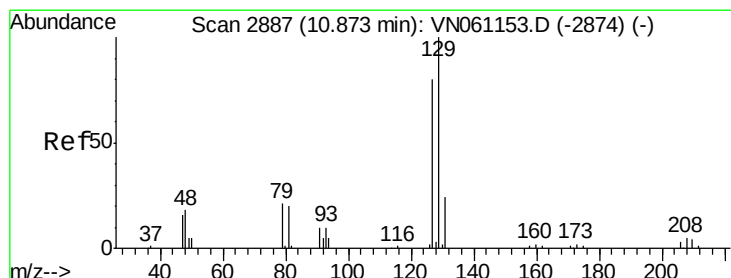
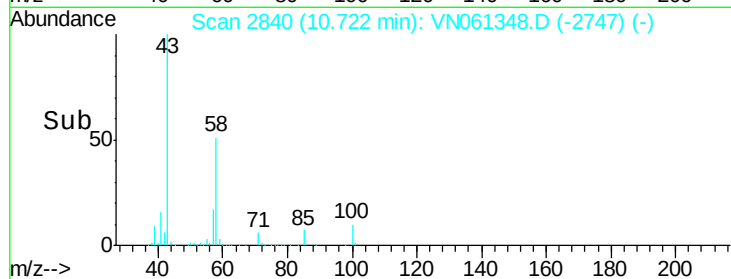
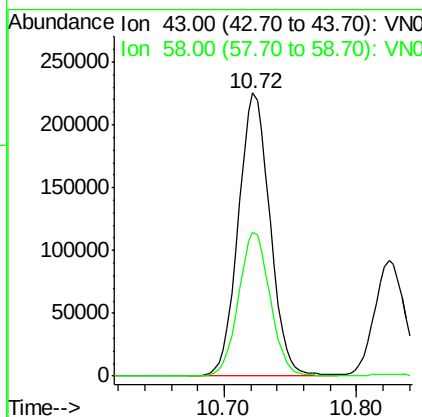
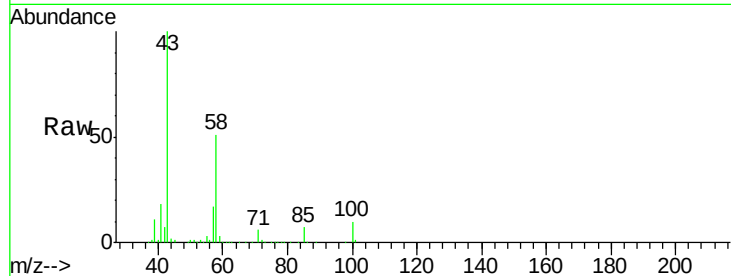




#59
2-Hexanone
Concen: 259.980 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

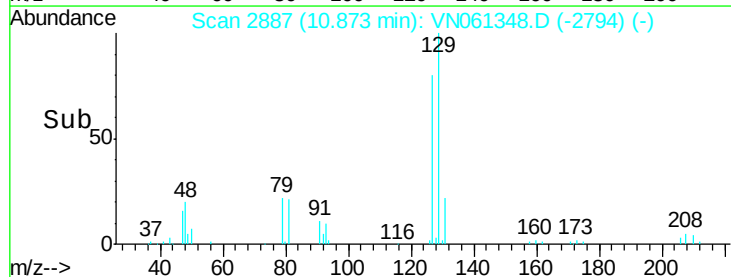
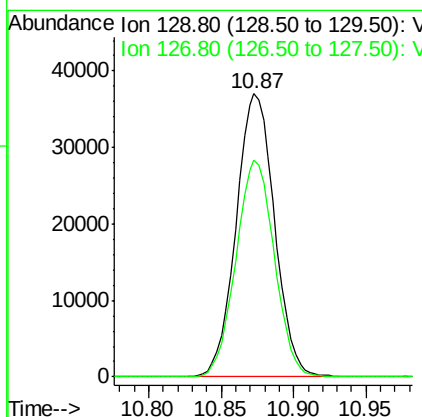
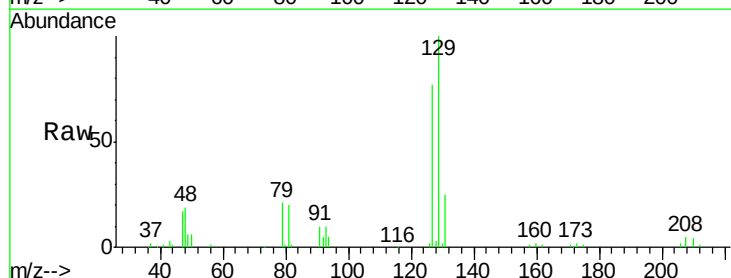
Instrument :
MSVOA_N
ClientSampled :

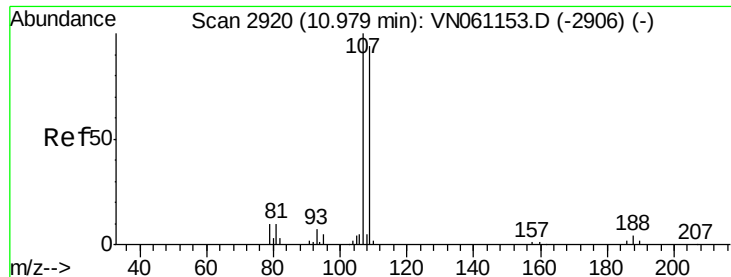
Tot Ion: 43 Resp: 374580
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 52.488 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion: 129 Resp: 68044
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.8

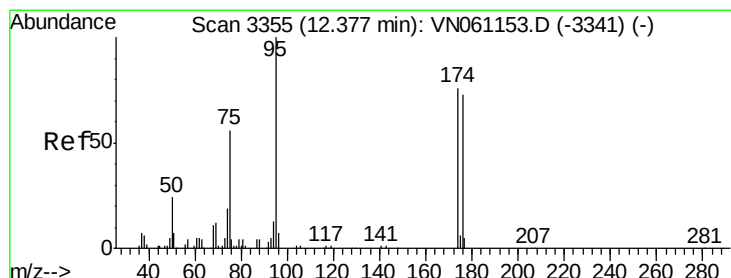
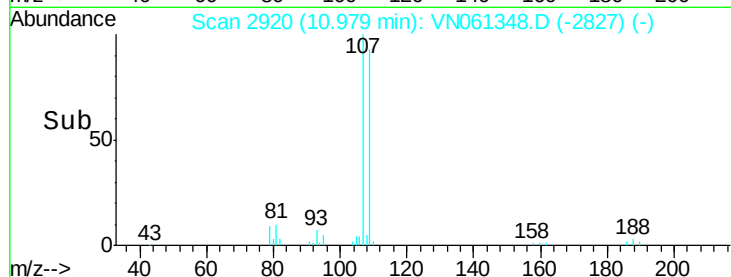
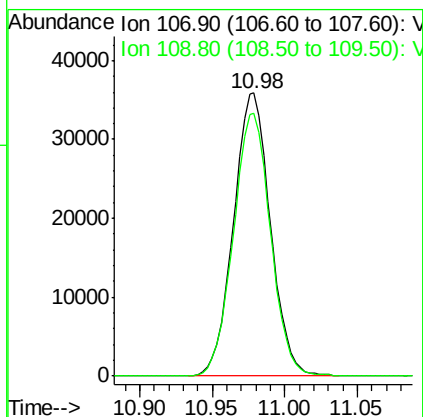
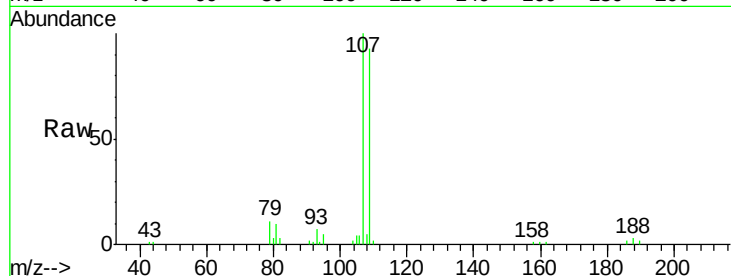




#61
 1,2-Dibromoethane
 Concen: 51.037 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

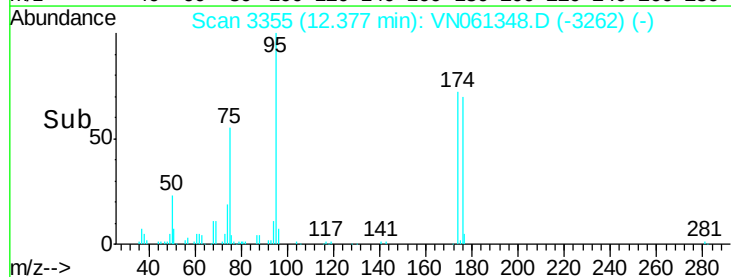
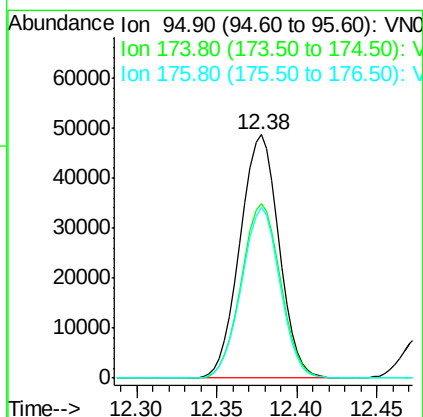
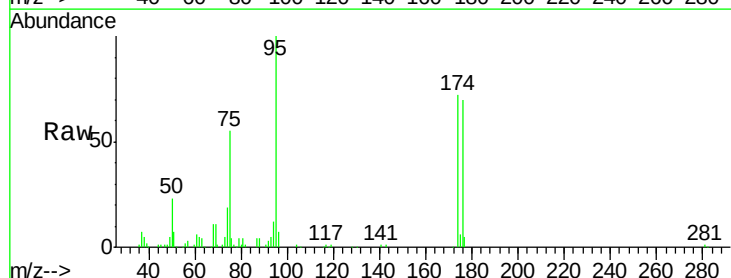
Instrument :
 MSVOA_N
 ClientSampled :

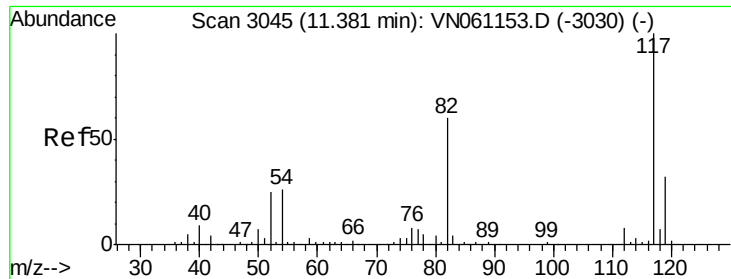
Tot Ion:107 Resp: 63318
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.717 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion: 95 Resp: 81043
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 149.4
 176 68.8 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

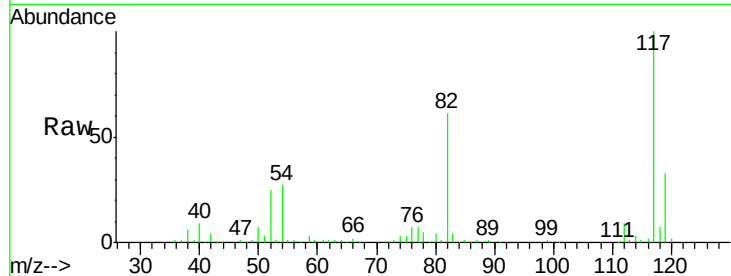
Tot Ion:117 Resp: 160443

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

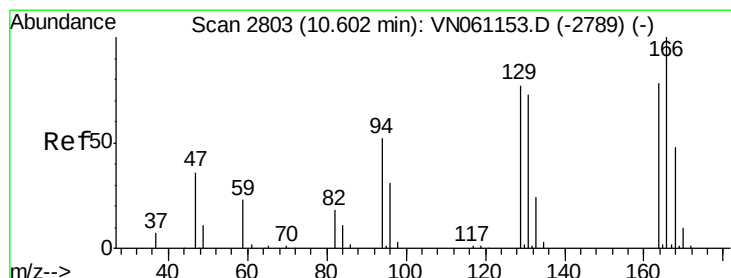
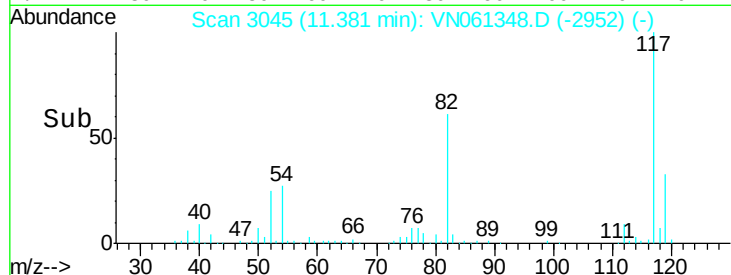
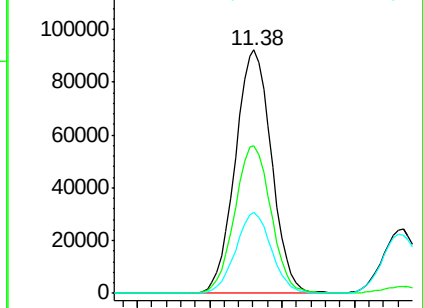
119 33.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 44.152 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Tgt Ion:164 Resp: 61354

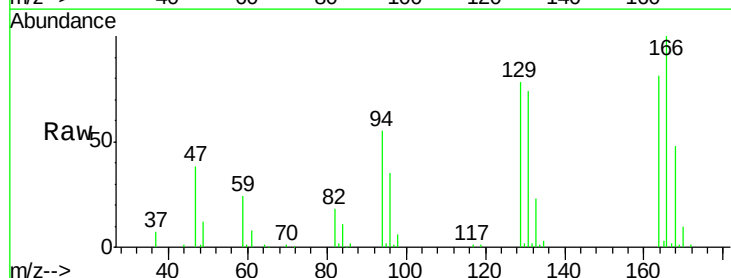
Ion Ratio Lower Upper

164 100

166 123.6 102.0 153.0

129 96.4 78.2 117.2

131 92.0 74.5 111.7

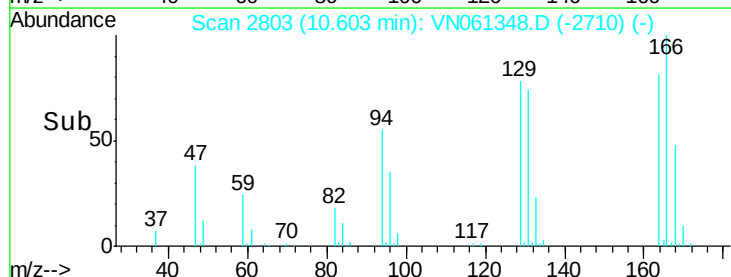
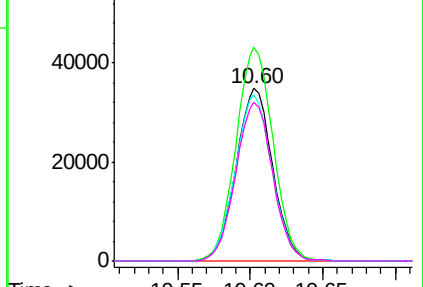


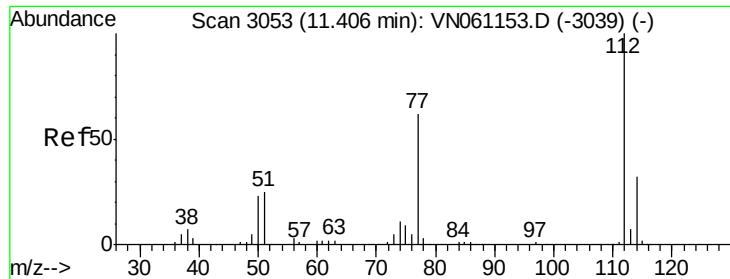
Abundance Ion 163.80 (163.50 to 164.50): V

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

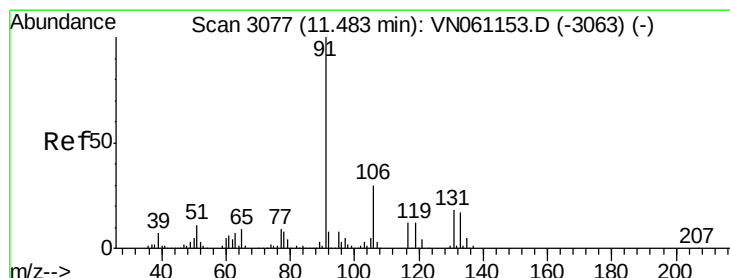
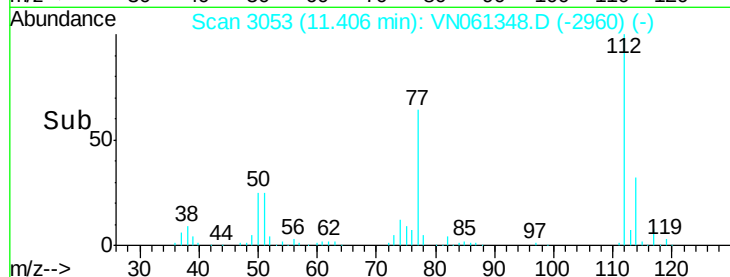
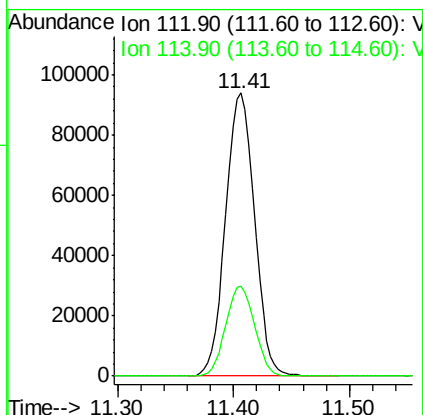
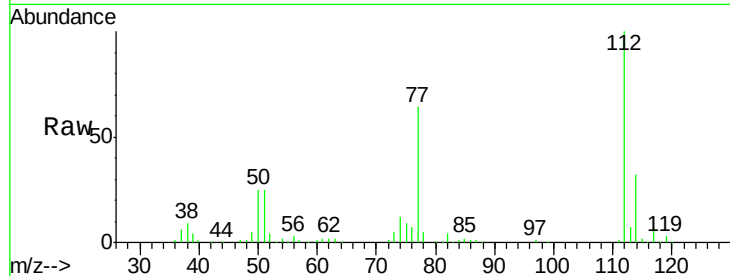




#65
Chlorobenzene
Concen: 50.969 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

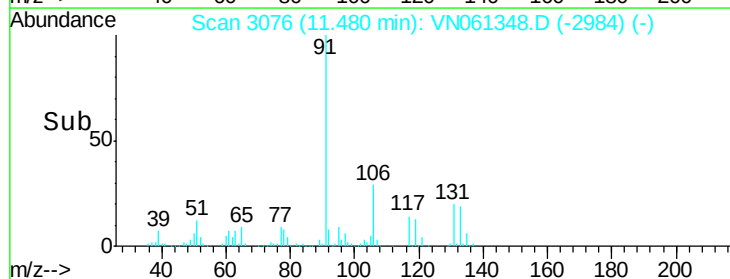
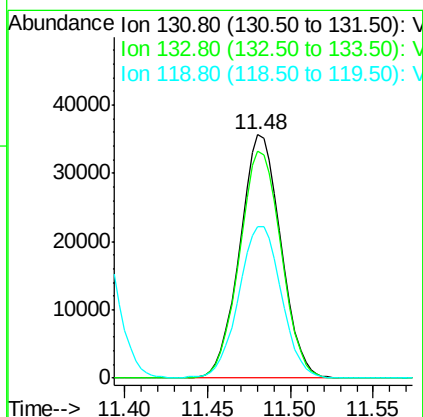
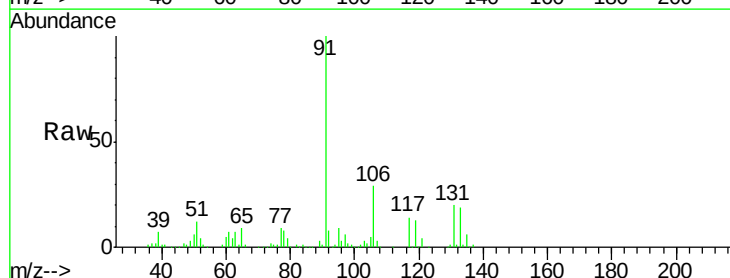
Instrument :
MSVOA_N
ClientSampleId :

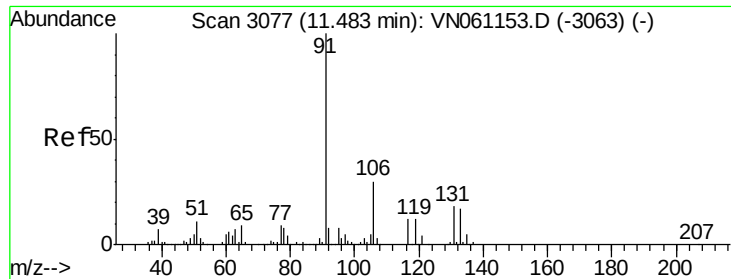
Tot Ion:112 Resp: 162216
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.937 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion:131 Resp: 61440
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 51.697 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

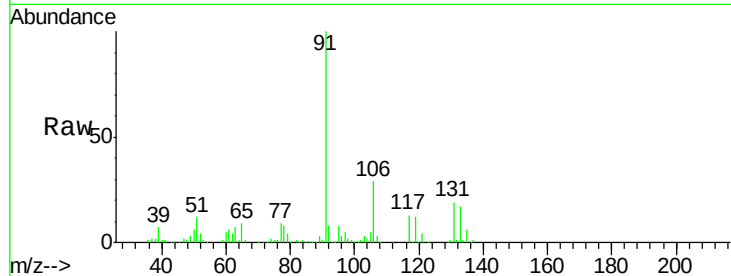
ClientSampleId :

Tot Ion: 91 Resp: 308003

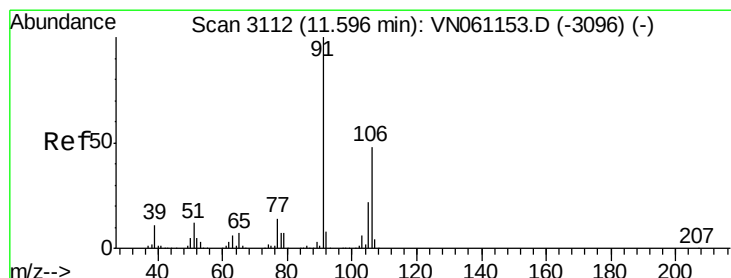
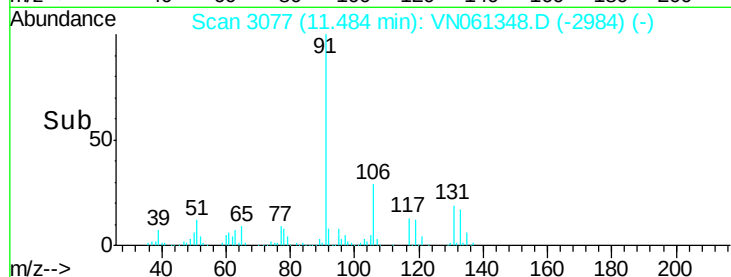
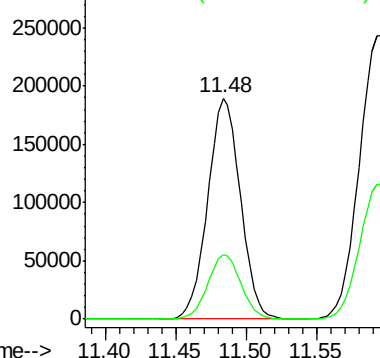
Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 102.969 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061348.D

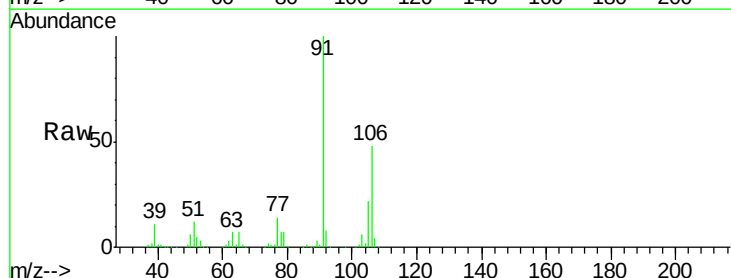
Acq: 7 May 2020 20:44

Tgt Ion: 106 Resp: 224551

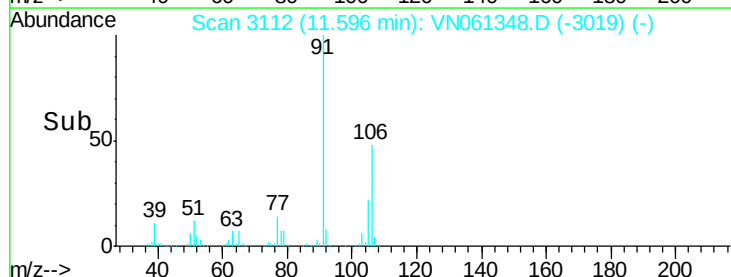
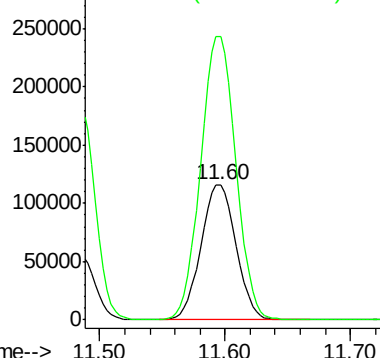
Ion Ratio Lower Upper

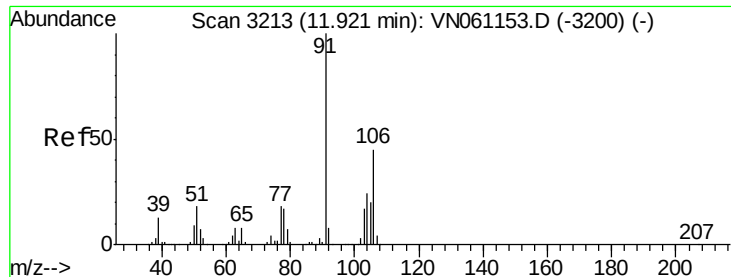
106 100

91 210.6 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

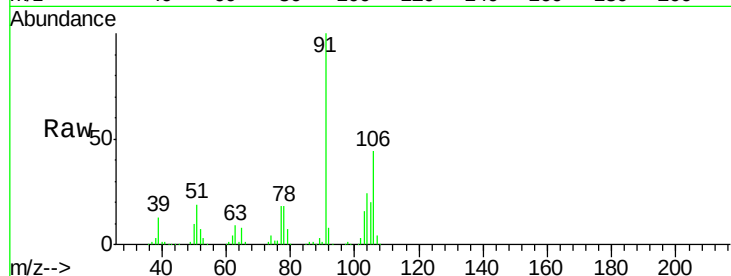




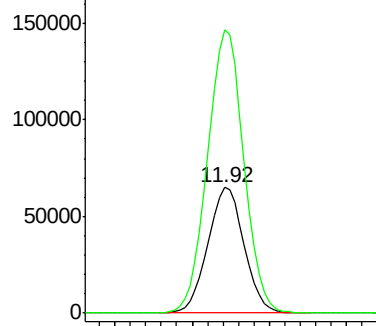
#69
o-Xylene
Concen: 50.553 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Instrument :
MSVOA_N
ClientSampled :

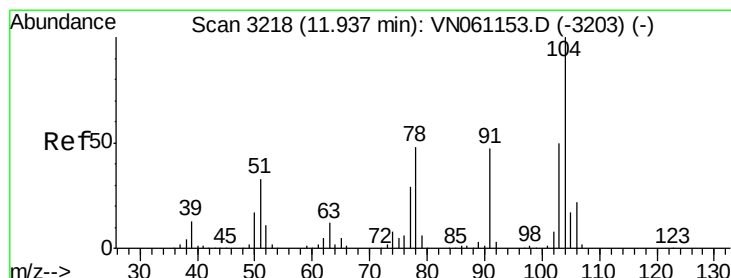
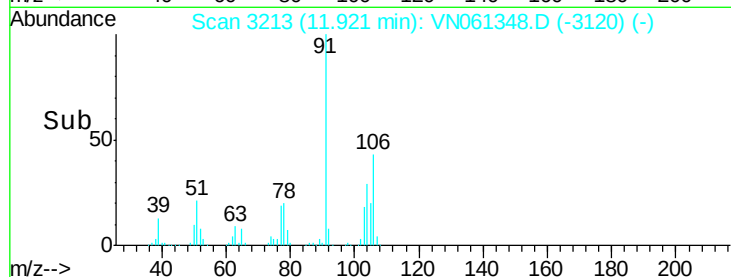
Tot Ion:106 Resp: 105897
Ion Ratio Lower Upper
106 100
91 225.3 109.7 329.0



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

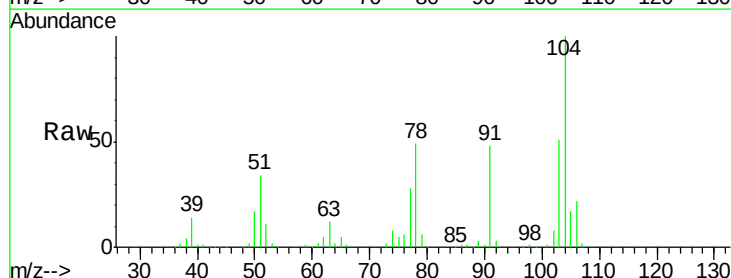


Time-->

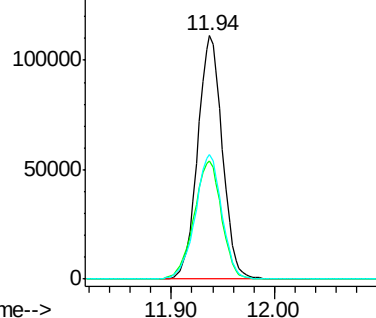


#70
Styrene
Concen: 53.062 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

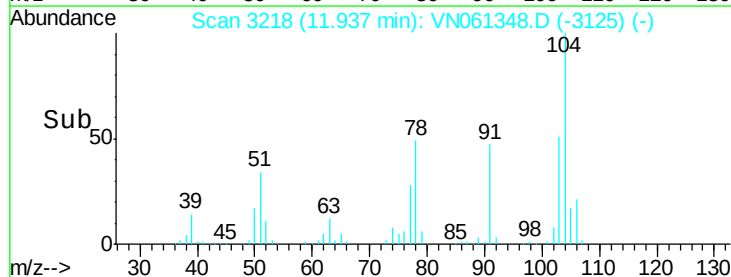
Tgt Ion:104 Resp: 186036
Ion Ratio Lower Upper
104 100
78 53.9 42.1 63.1
103 54.6 43.3 64.9

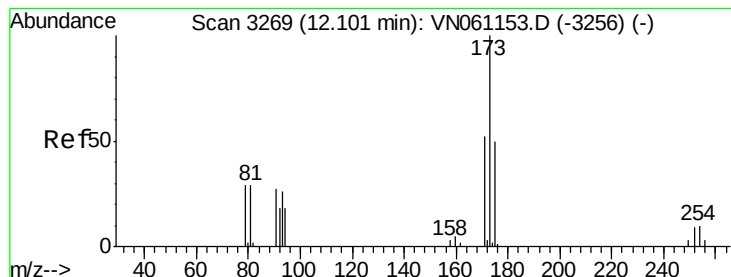


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 55.195 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

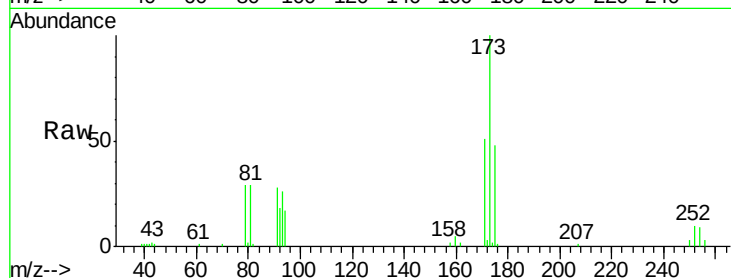
Tot Ion:173 Resp: 46208

Ion Ratio Lower Upper

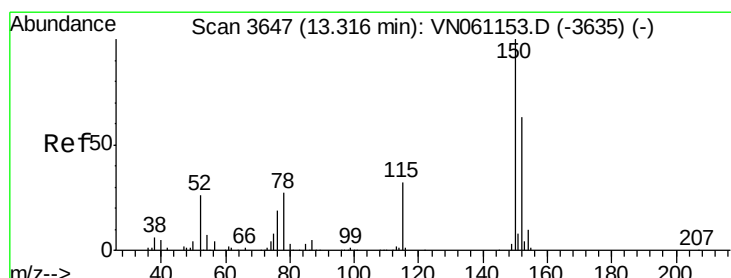
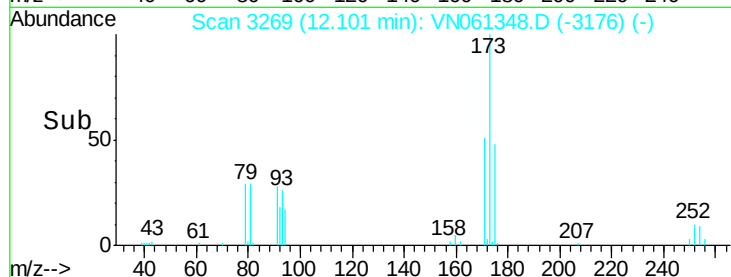
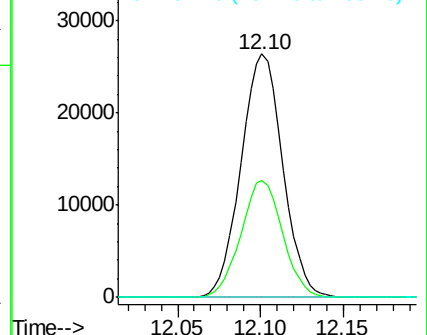
173 100

175 47.7 24.1 72.4

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: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

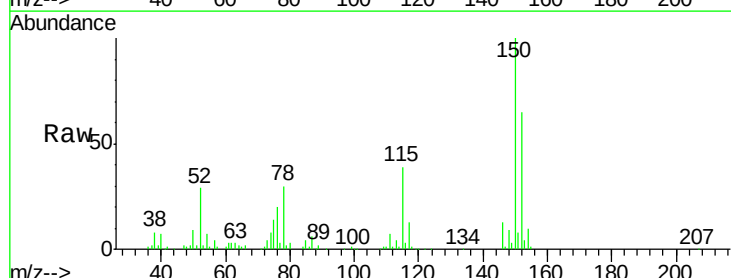
Tgt Ion:152 Resp: 78931

Ion Ratio Lower Upper

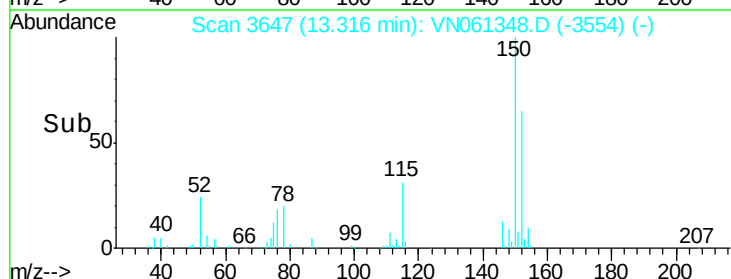
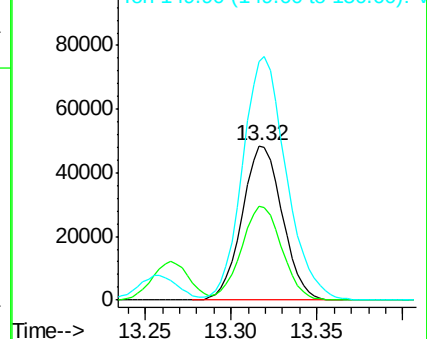
152 100

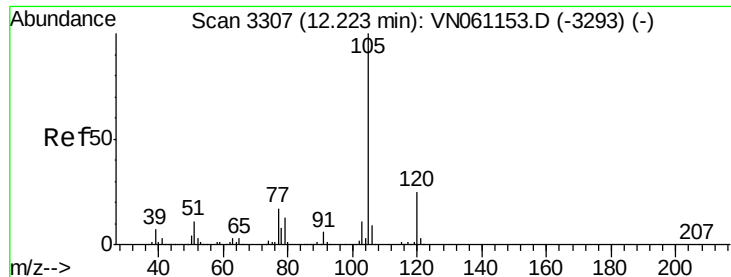
115 61.1 31.0 93.0

150 171.4 0.0 351.8



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: 50.383 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

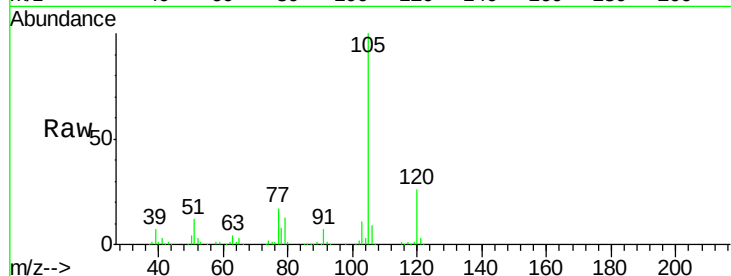
ClientSampleId :

Tot Ion:105 Resp: 292353

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

150000

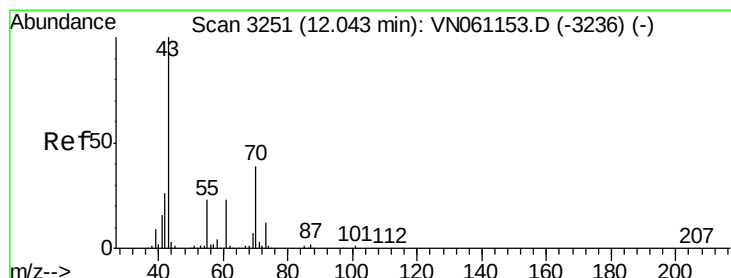
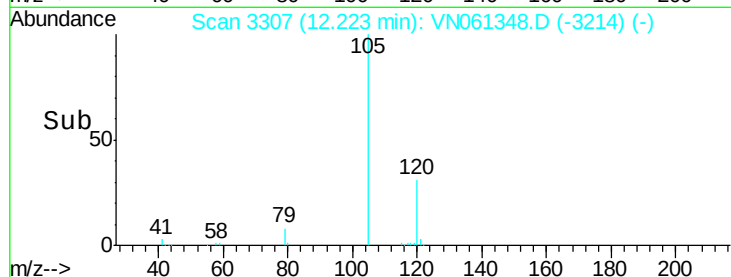
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 51.356 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Tgt Ion: 43 Resp: 150900

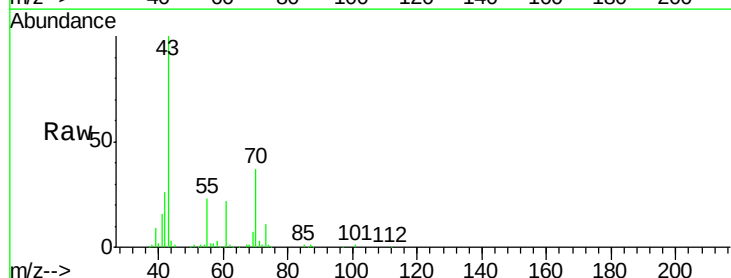
Ion Ratio Lower Upper

43 100

70 37.5 30.6 46.0

55 23.4 18.5 27.7

61 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

150000

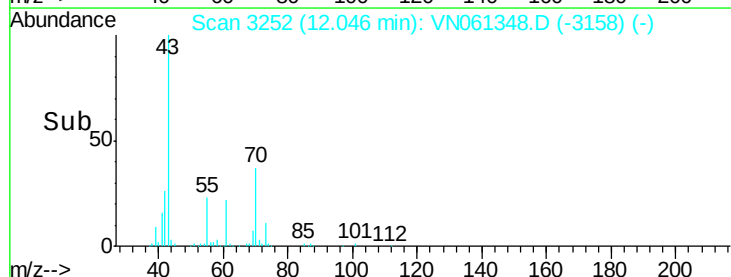
100000

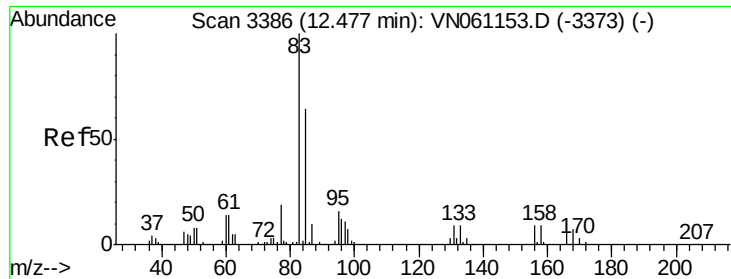
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 51.401 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

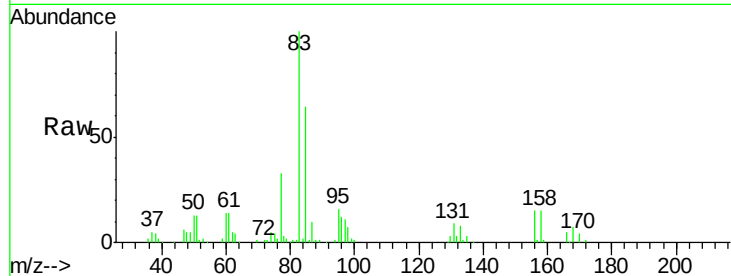
Tot Ion: 83 Resp: 93001

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

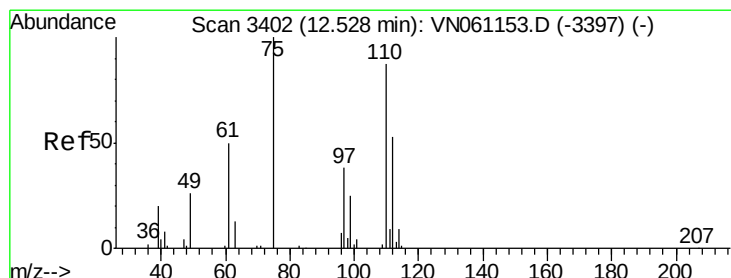
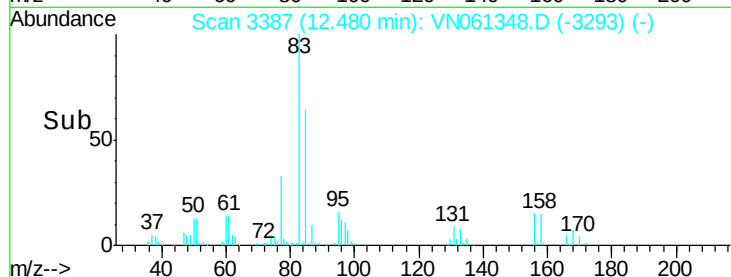
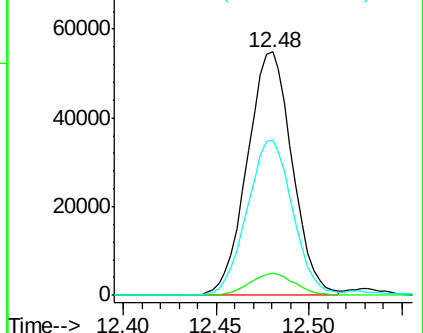
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 76.572 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061348.D

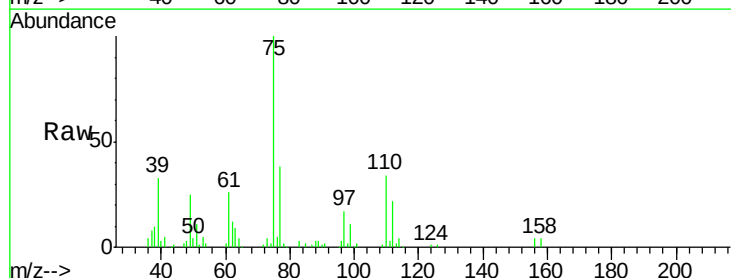
Acq: 7 May 2020 20:44

Tgt Ion: 75 Resp: 127421

Ion Ratio Lower Upper

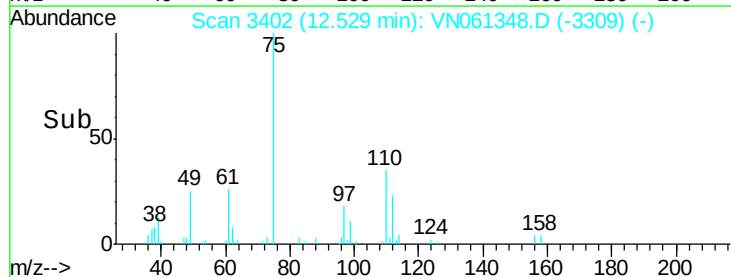
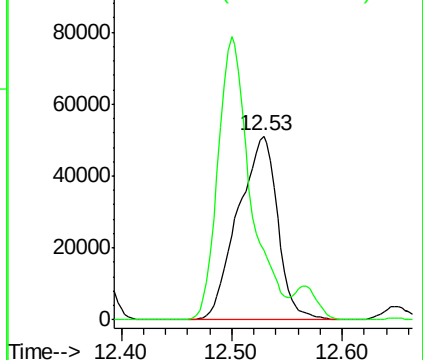
75 100

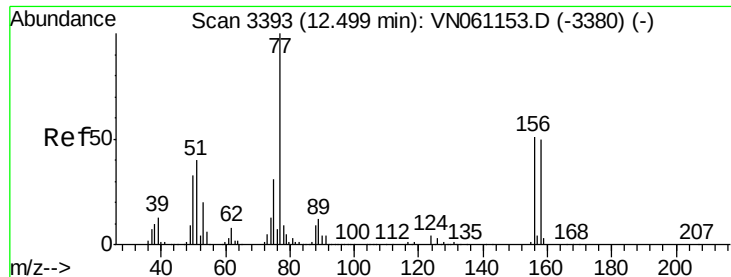
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 50.482 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

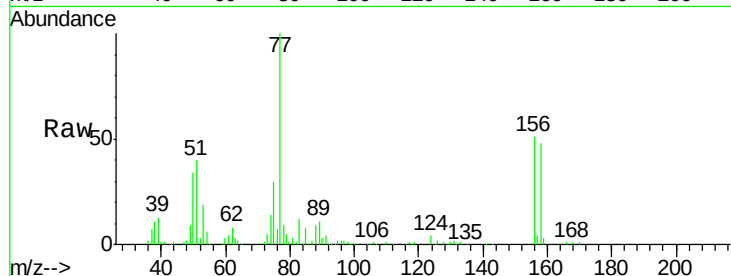
Tot Ion:156 Resp: 67620

Ion Ratio Lower Upper

156 100

77 239.3 117.4 352.2

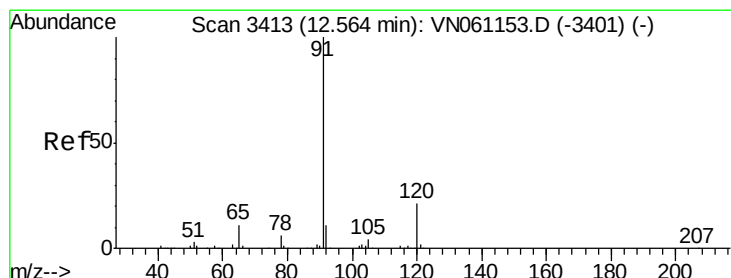
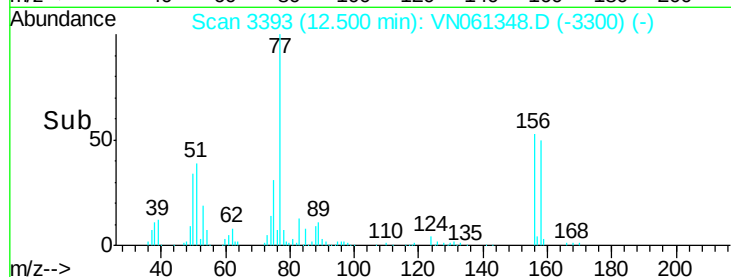
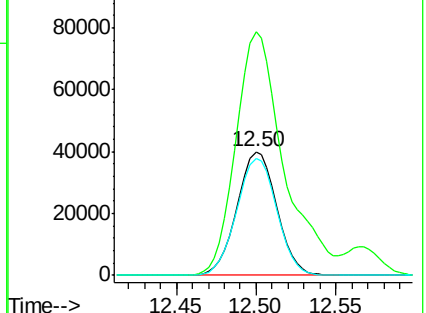
158 95.5 48.4 145.0



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: 50.881 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061348.D

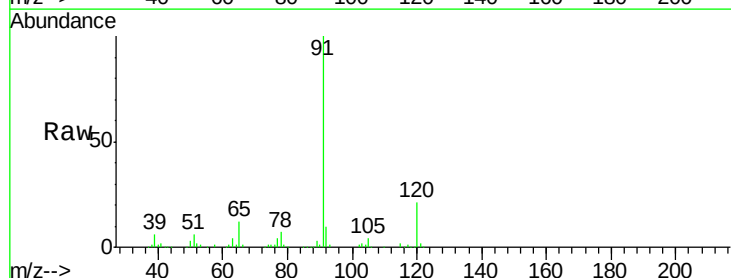
Acq: 7 May 2020 20:44

Tgt Ion: 91 Resp: 350190

Ion Ratio Lower Upper

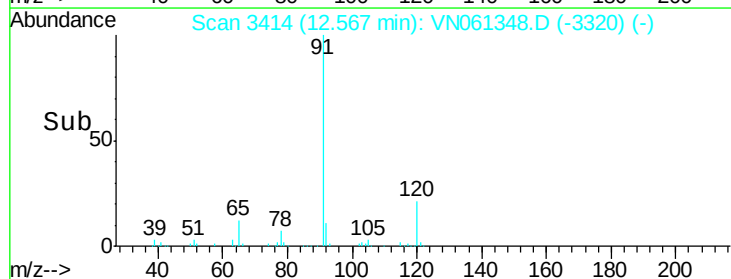
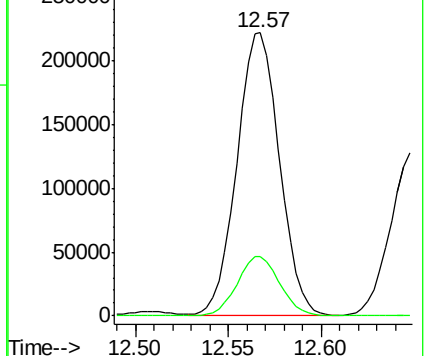
91 100

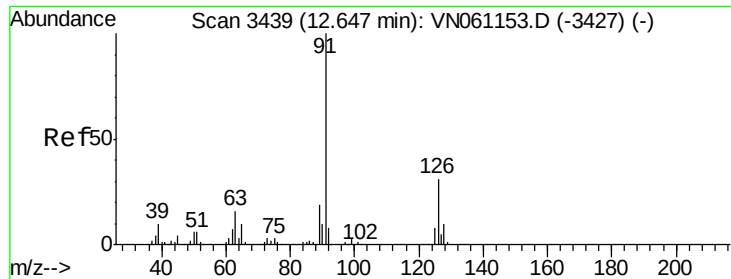
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.201 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

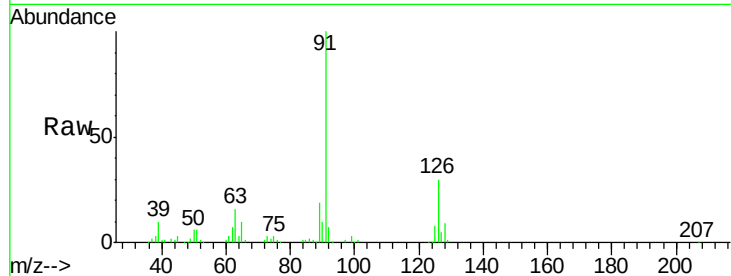
ClientSampleId :

Tot Ion: 91 Resp: 207127

Ion Ratio Lower Upper

91 100

126 30.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

200000

150000

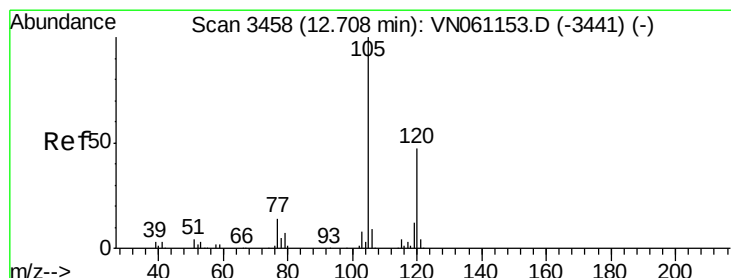
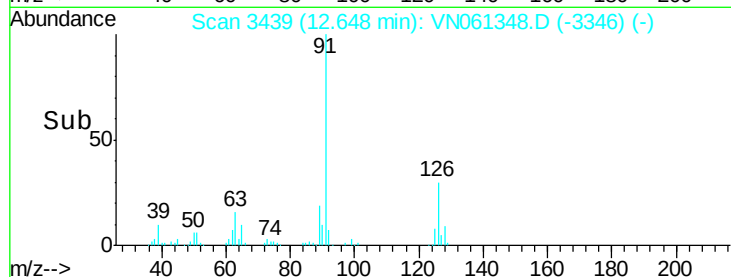
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.903 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061348.D

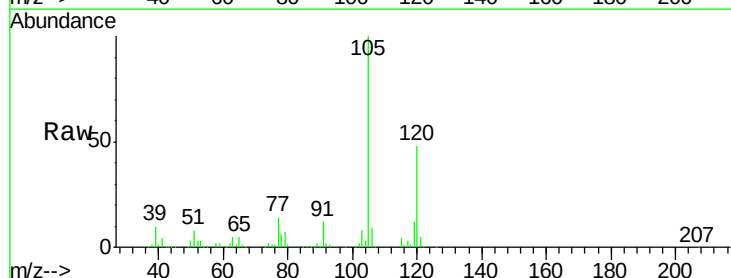
Acq: 7 May 2020 20:44

Tgt Ion: 105 Resp: 244464

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

150000

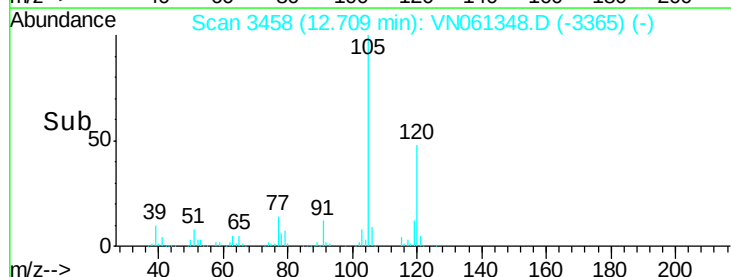
100000

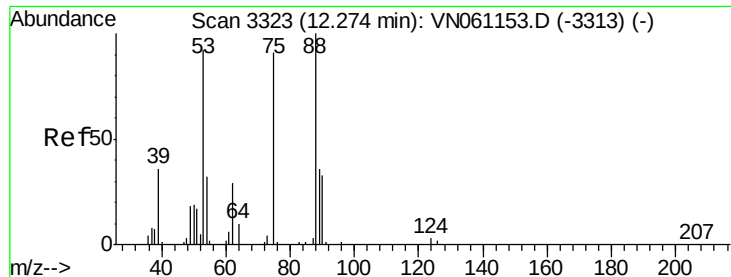
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.691 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

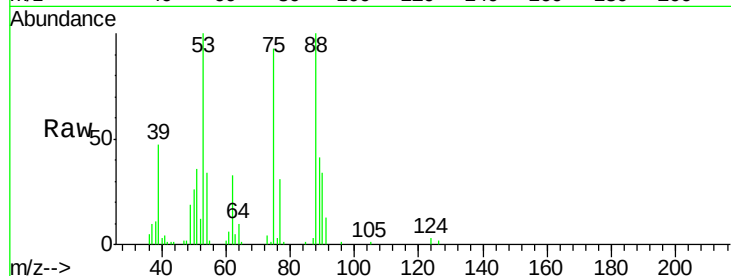
Tot Ion: 75 Resp: 33217

Ion Ratio Lower Upper

75 100

53 106.2 84.1 126.1

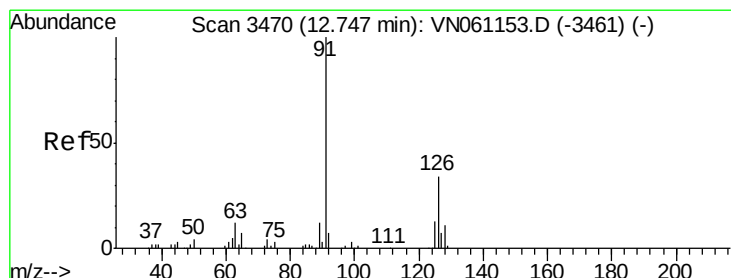
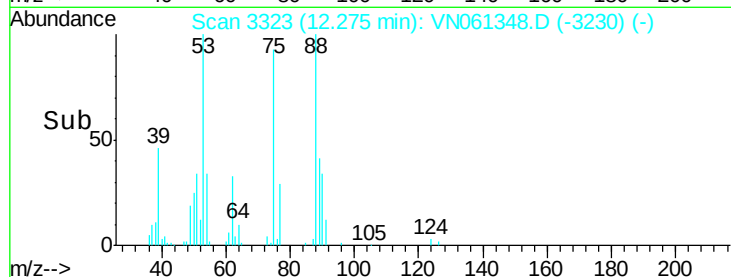
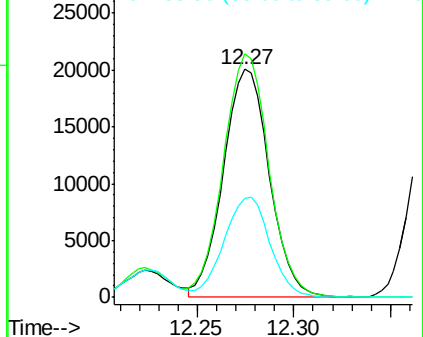
89 44.0 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 51.806 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061348.D

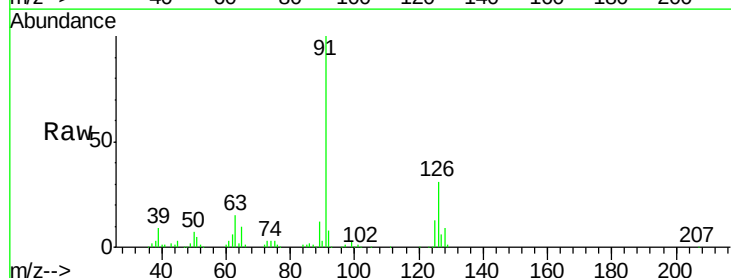
Acq: 7 May 2020 20:44

Tgt Ion: 91 Resp: 220884

Ion Ratio Lower Upper

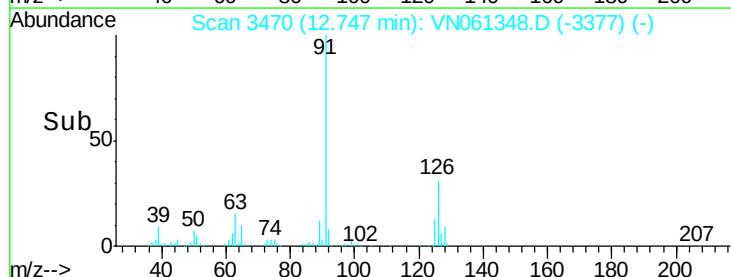
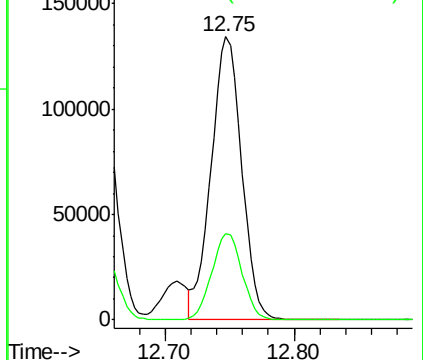
91 100

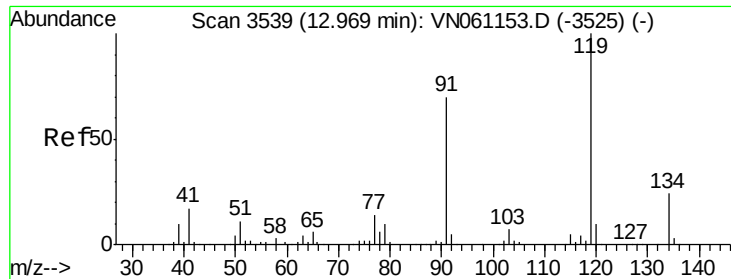
126 30.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

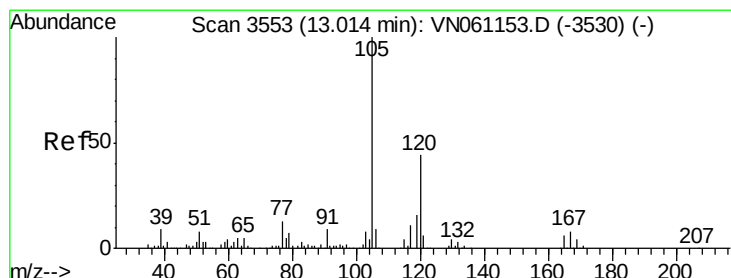
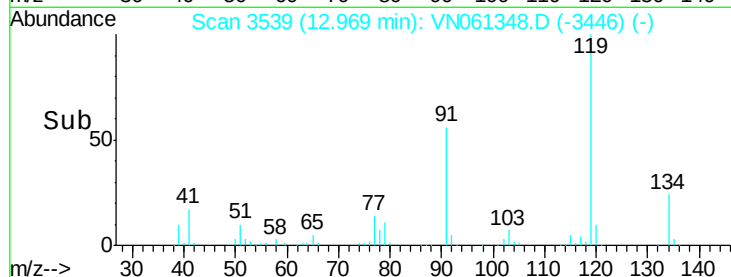
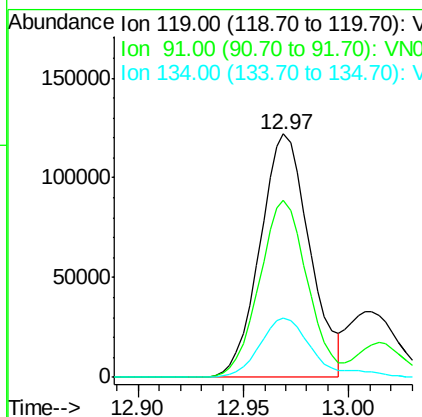
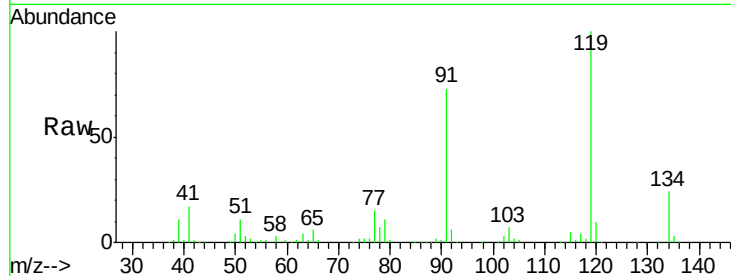




#83
 tert-Butylbenzene
 Concen: 49.387 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

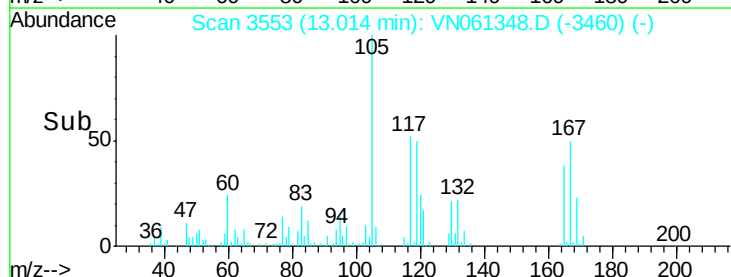
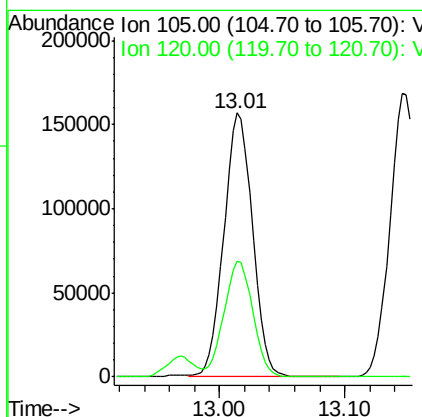
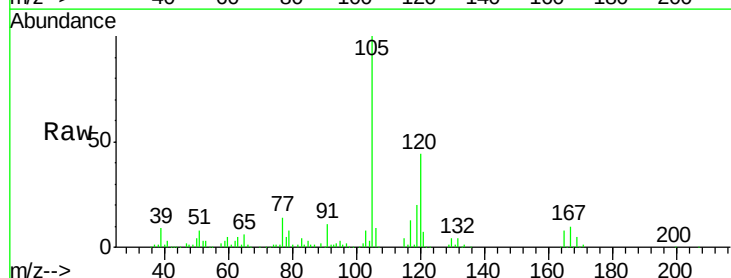
Instrument :
 MSVOA_N
 ClientSampleId :

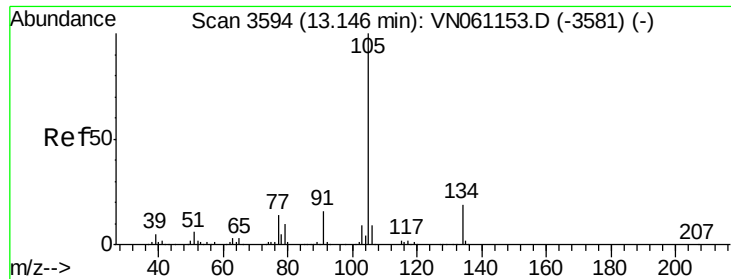
Tot Ion:119 Resp: 199995
 Ion Ratio Lower Upper
 119 100
 91 70.7 34.8 104.4
 134 26.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.286 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion:105 Resp: 248813
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.016 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

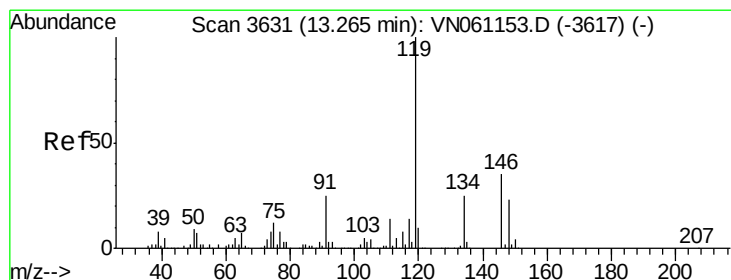
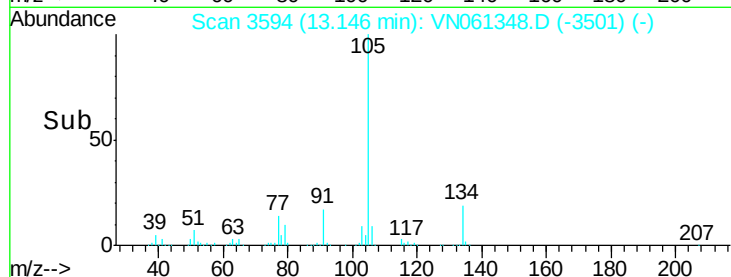
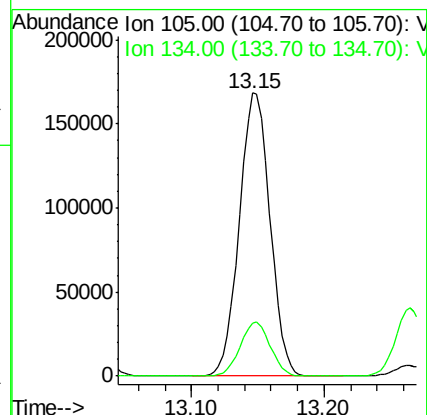
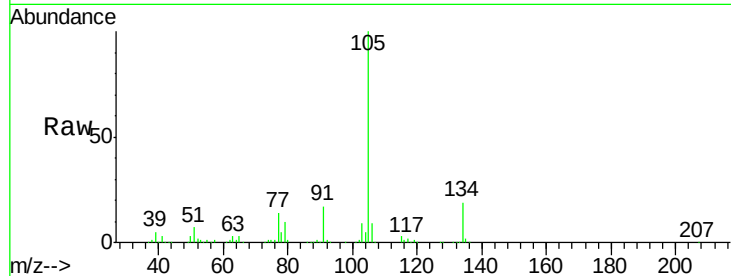
ClientSampleId :

Tot Ion:105 Resp: 270621

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 49.121 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

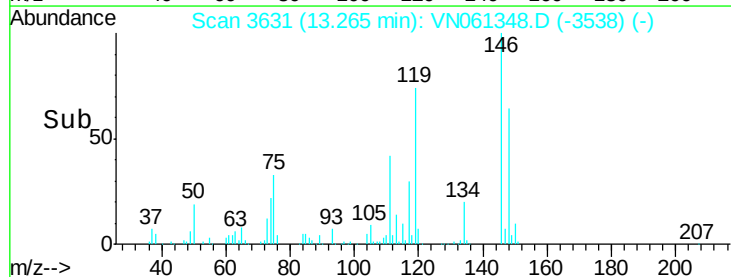
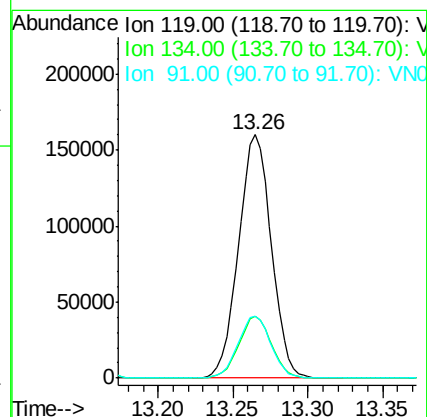
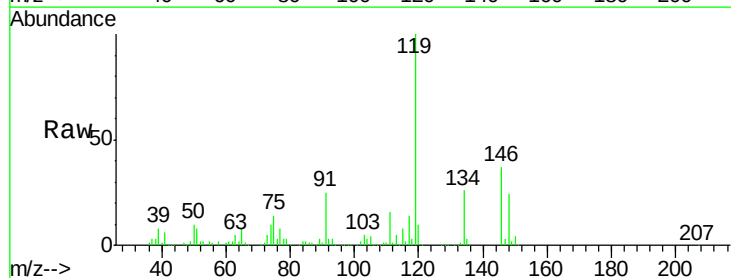
Tgt Ion:119 Resp: 244349

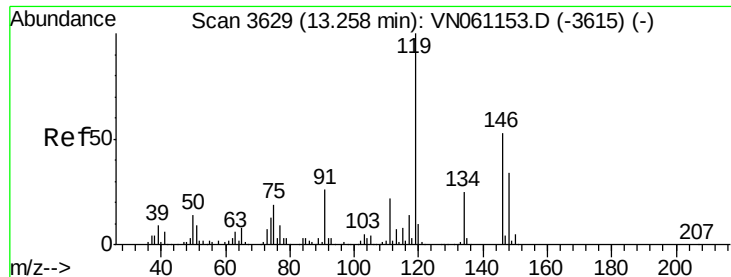
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 25.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.978 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampled :

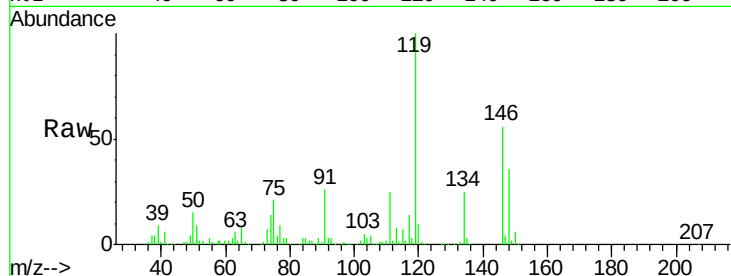
Tot Ion:146 Resp: 123240

Ion Ratio Lower Upper

146 100

111 42.6 20.7 62.1

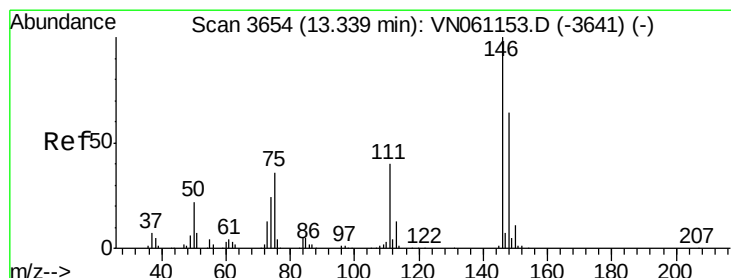
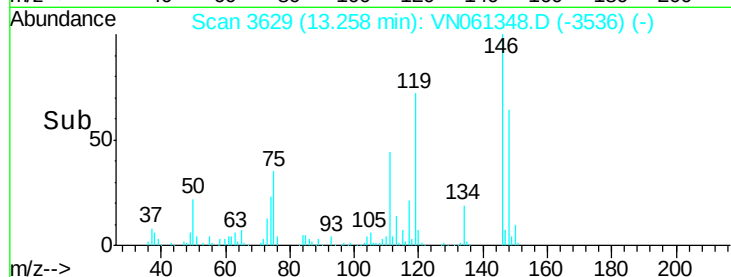
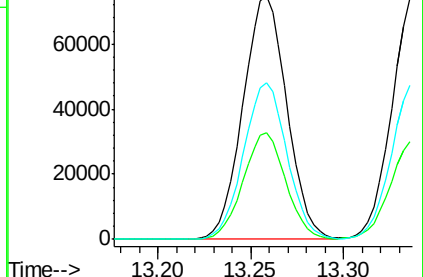
148 63.8 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 49.267 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

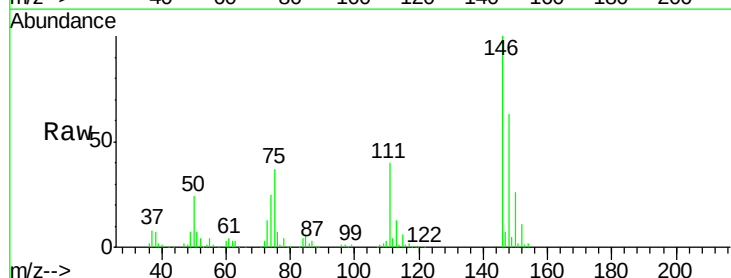
Tgt Ion:146 Resp: 124129

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

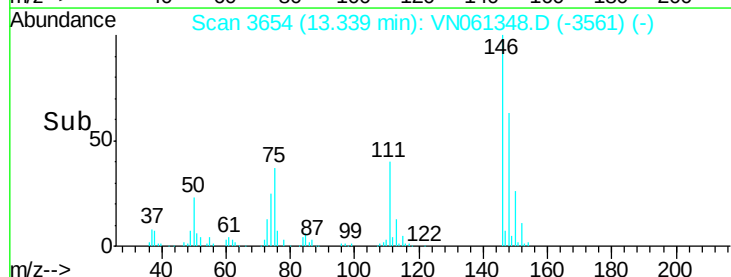
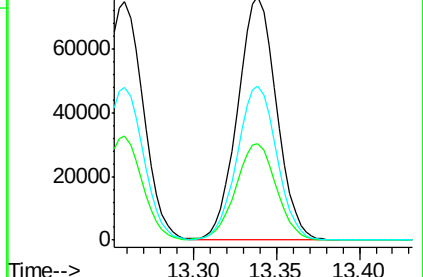
148 64.8 31.9 95.7

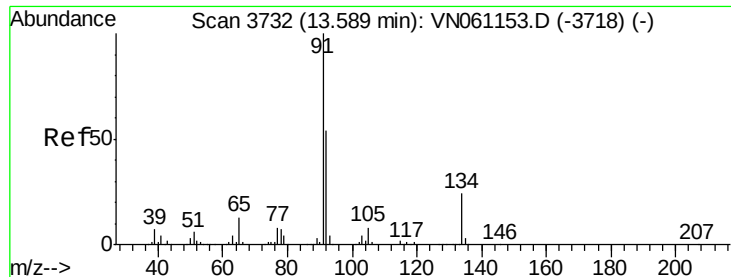


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.809 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061348.D

Acq: 7 May 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

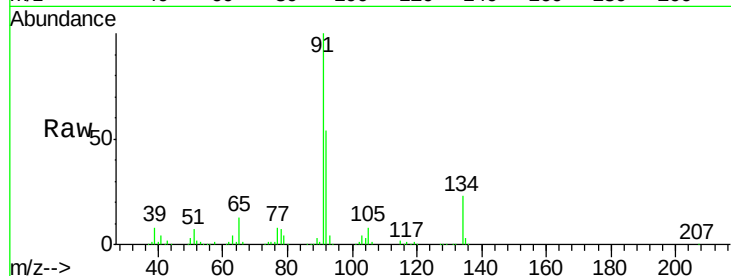
Tot Ion: 91 Resp: 222583

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

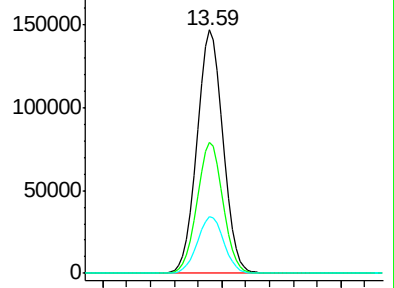
134 23.8 11.9 35.5



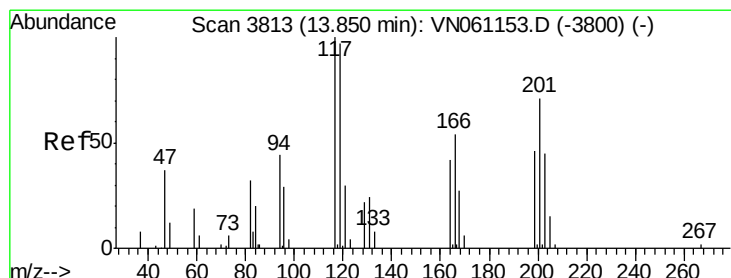
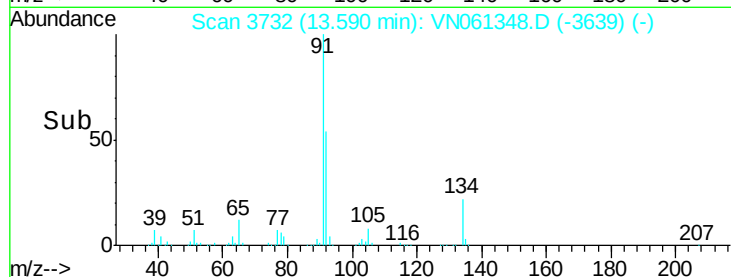
Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)



Time-->



#90

Hexachloroethane

Concen: 64.993 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061348.D

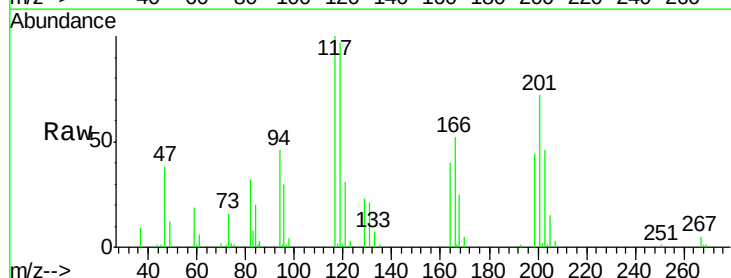
Acq: 7 May 2020 20:44

Tgt Ion: 117 Resp: 35122

Ion Ratio Lower Upper

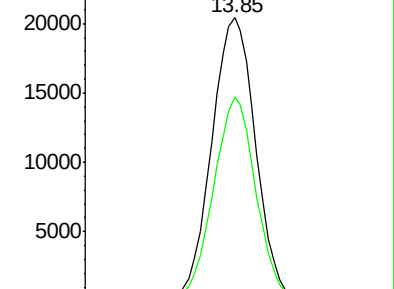
117 100

201 69.6 35.5 106.7

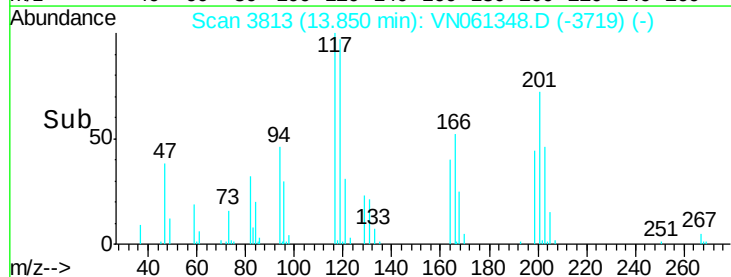


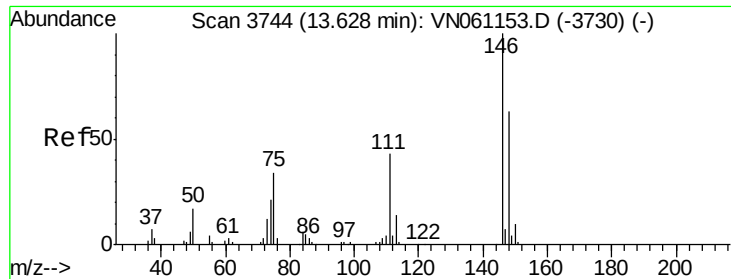
Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)

Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)



Time-->

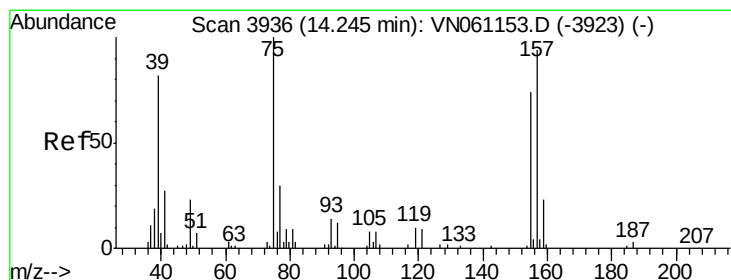
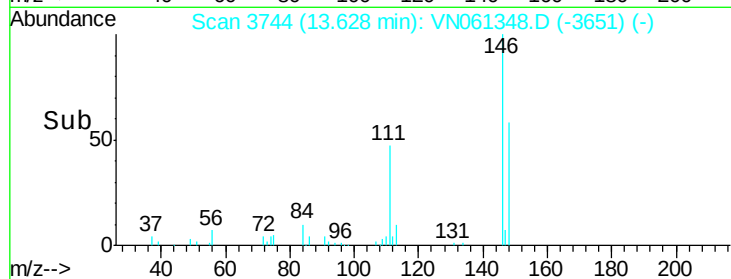
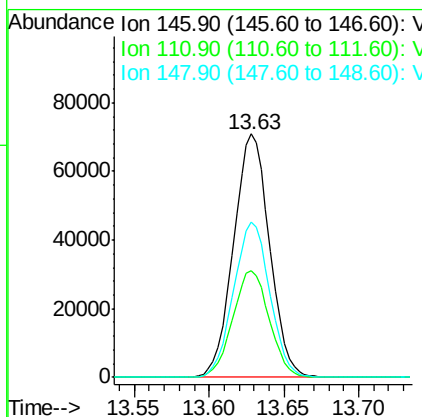
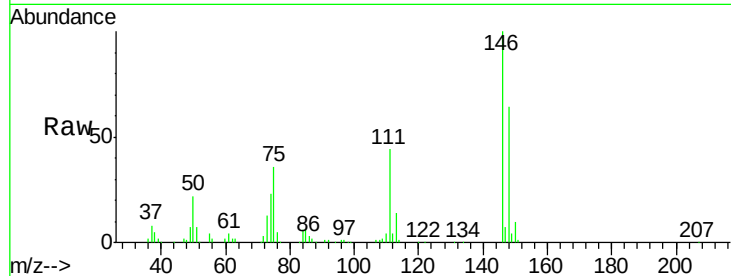




#91
 1,2-Dichlorobenzene
 Concen: 50.204 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

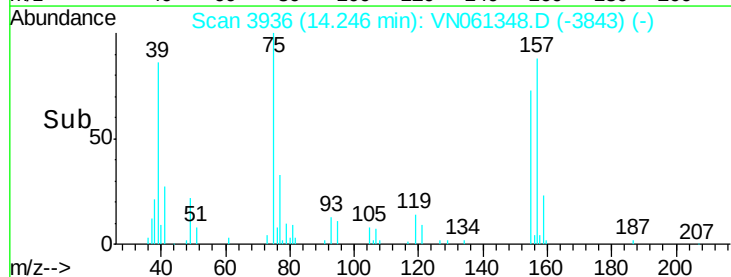
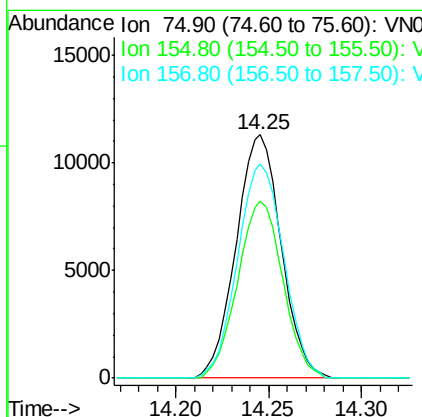
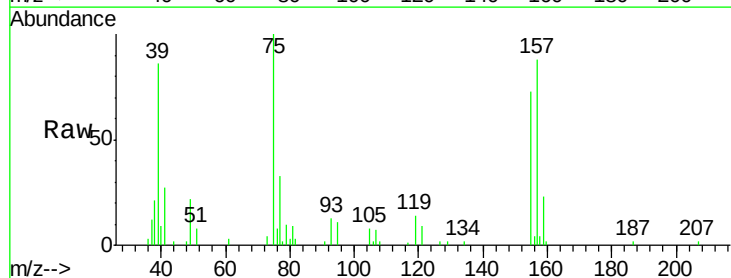
Instrument :
 MSVOA_N
 ClientSampled :

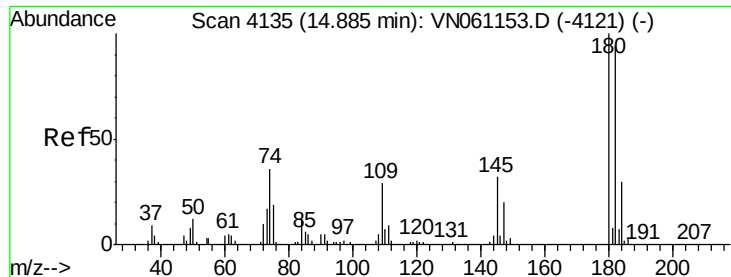
Tot Ion:146 Resp: 118703
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 64.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.096 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion: 75 Resp: 19143
 Ion Ratio Lower Upper
 75 100
 155 72.8 36.5 109.7
 157 90.3 46.6 139.7

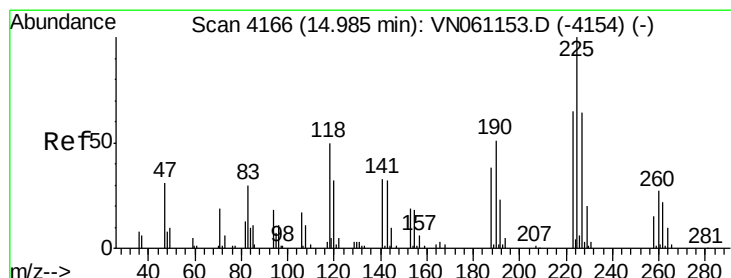
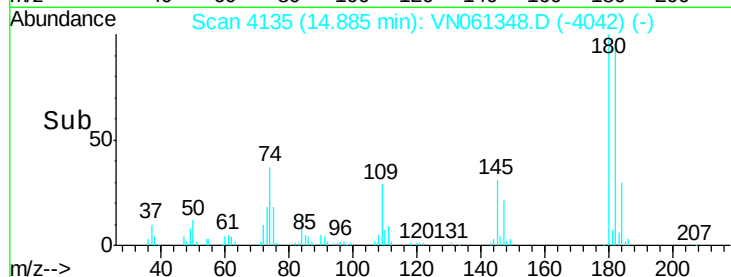
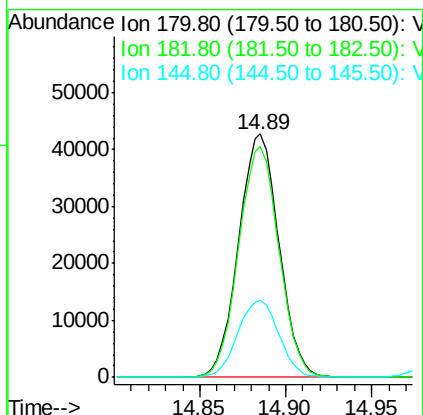
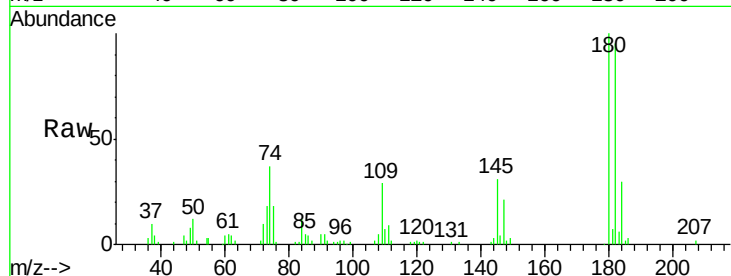




#93
 1,2,4-Trichlorobenzene
 Concen: 48.393 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

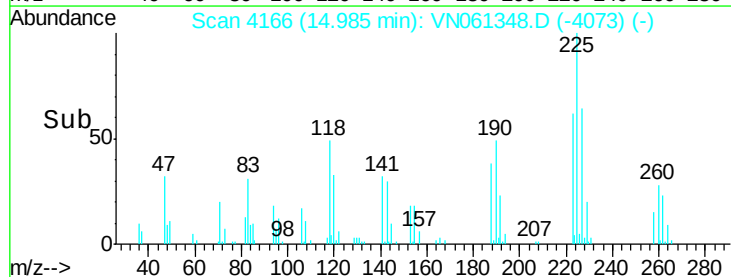
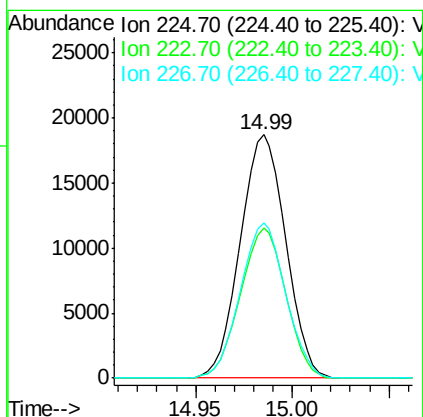
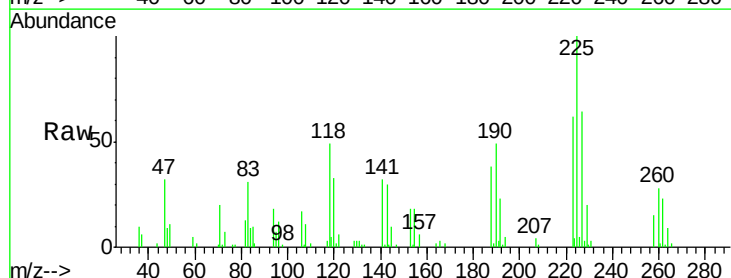
Instrument :
 MSVOA_N
 ClientSampled :

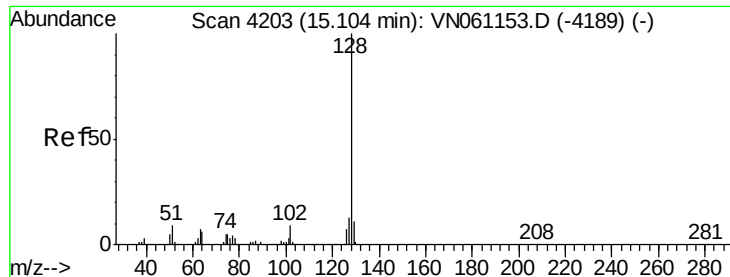
Tot Ion:180 Resp: 69676
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 32.3 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 50.981 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061348.D
 Acq: 7 May 2020 20:44

Tgt Ion:225 Resp: 30665
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.4 97.0
 227 63.3 32.4 97.0

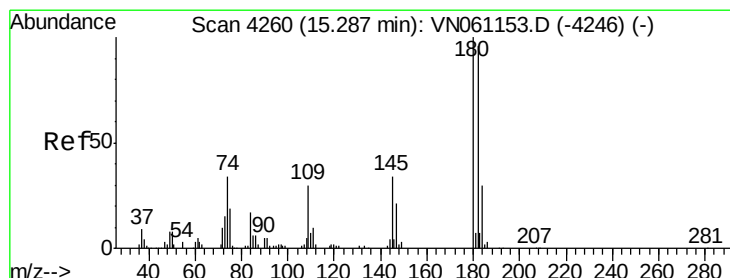
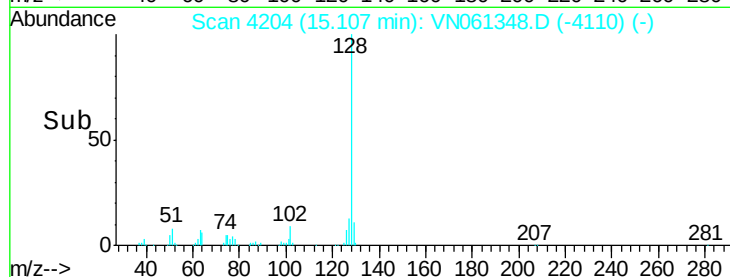
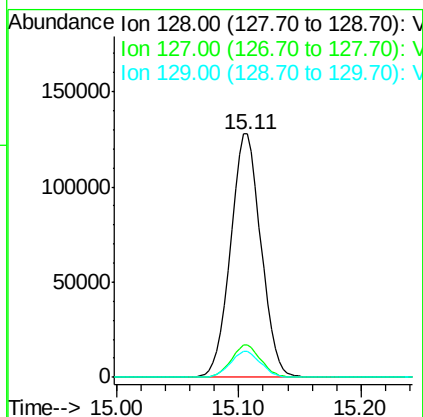
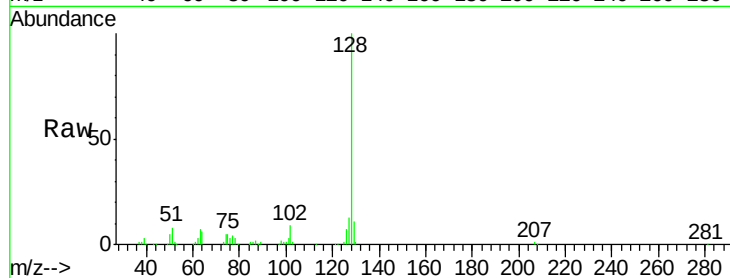




#95
Naphthalene
Concen: 47.294 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 221761
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.688 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061348.D
Acq: 7 May 2020 20:44

Tgt Ion:180 Resp: 69211
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.3 16.9 50.7

