

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061402.D
 Acq On : 14 May 2020 19:16
 Operator : JC/MD
 Sample : L2182-08 5.0 PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 15 05:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	17439	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	102363	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	91657	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	48698	31.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.93%
60) 4-Bromofluorobenzene	12.38	95	44473	28.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.73%
63) Toluene-d8	10.06	98	130956	30.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	3796	4.781	ug/l 96
3) Chloromethane	2.03	50	8315	5.727	ug/l 97
4) Vinyl Chloride	2.16	62	11004	5.654	ug/l 99
5) Bromomethane	2.54	94	6285	6.358	ug/l 100
6) Chloroethane	2.67	64	7758	5.892	ug/l 99
7) Trichlorofluoromethane	2.98	101	9816	4.713	ug/l 96
8) Diethyl Ether	3.37	74	3363	5.077	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4876	5.480	ug/l 51
10) 1,1-Dichloroethene	3.69	96	5356	5.718	ug/l 93
11) Methyl Iodide	3.91	142	5565	5.489	ug/l 96
12) Methyl Acetate	4.28	43	5942	5.223	ug/l 100
13) Acrolein	3.57	56	5729	29.909	ug/l 96
14) Acrylonitrile	4.93	53	14284	26.749	ug/l # 86
15) Acetone	3.77	58	3544	27.637	ug/l # 60
16) Carbon Disulfide	4.01	76	15965	6.063	ug/l 98
17) Allyl chloride	4.27	41	9535	5.057	ug/l 99
18) Methylene Chloride	4.51	84	6278	5.554	ug/l 93
19) trans-1,2-Dichloroethene	4.98	96	2835	2.543	ug/l # 80
20) Diisopropyl ether	5.90	45	23083	5.259	ug/l 97
21) 1,1-Dichloroethane	5.80	63	11958	5.217	ug/l 97
22) cis-1,2-Dichloroethene	6.78	96	7148	5.468	ug/l 98
23) tert-Butyl Alcohol	4.73	59	5752	33.604	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	20313	5.343	ug/l 99
25) Chloroform	7.33	83	11791	5.307	ug/l 99
26) Cyclohexane	7.61	56	11847	5.413	ug/l # 93
29) 1,1-Dichloropropene	7.75	75	9473	5.274	ug/l 96
30) 2-Butanone	6.79	43	20821	27.401	ug/l 97
31) 2,2-Dichloropropane	6.77	77	10820	5.156	ug/l 94
32) 1,1,1-Trichloroethane	7.53	97	10301	5.125	ug/l 97
33) Carbon Tetrachloride	7.73	117	7056	4.574	ug/l 97
34) Benzene	8.00	78	25517	5.021	ug/l # 65
35) Methacrylonitrile	7.13	41	4930	6.469	ug/l 89
36) 1,2-Dichloroethane	8.09	62	10260	5.259	ug/l 98
37) Trichloroethene	8.80	130	6439	5.146	ug/l 100
38) Methylcyclohexane	9.05	83	10412	4.829	ug/l 90
39) 1,2-Dichloropropane	9.09	63	7434	5.321	ug/l 99
40) Dibromomethane	9.18	93	4574	5.301	ug/l 87

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Quant Time: May 15 05:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	9628	5.143	ug/l #	98
42) Vinyl Acetate	5.84	43	94295	26.132	ug/l	99
43) Ethyl Acetate	6.88	43	7499	4.620	ug/l	99
44) Isopropyl Acetate	8.13	43	17719	5.623	ug/l #	89
45) 1,4-Dioxane	9.16	88	1897	152.541	ug/l #	78
46) Methyl methacrylate	9.17	41	7561	5.102	ug/l	93
47) n-amyl Acetate	12.05	43	13513	4.808	ug/l	98
48) t-1,3-Dichloropropene	10.36	75	10851	4.912	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	11505	4.924	ug/l	95
50) 1,1,2-Trichloroethane	10.53	97	6179	5.179	ug/l	94
51) Ethyl methacrylate	10.40	69	10405	5.062	ug/l	88
52) 1,3-Dichloropropane	10.68	76	11260	5.168	ug/l	99
53) Dibromochloromethane	10.87	129	5861	4.483	ug/l	97
54) 1,2-Dibromoethane	10.98	107	5968	4.848	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	22606	24.849	ug/l	98
56) Bromoform	12.10	173	3590	4.367	ug/l #	95
58) 4-Methyl-2-Pentanone	9.95	43	45353	27.154	ug/l	99
59) 2-Hexanone	10.72	43	31445	26.616	ug/l	100
61) Tetrachloroethene	10.60	164	5877	5.127	ug/l	94
62) Toluene	10.12	91	28015	5.271	ug/l	100
64) Chlorobenzene	11.41	112	15785	5.018	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	5836	5.077	ug/l	97
66) Ethyl Benzene	11.49	91	30822	5.053	ug/l	100
67) m/p-Xylenes	11.59	106	22085	9.806	ug/l	97
68) o-Xylene	11.92	106	10553	4.909	ug/l	94
69) Styrene	11.94	104	17007	4.598	ug/l	98
70) Isopropylbenzene	12.22	105	28146	4.833	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	8608	5.350	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	11236	7.322	ug/l	56
73) Bromobenzene	12.50	156	5695	4.708	ug/l	98
74) n-propylbenzene	12.57	91	33629	4.856	ug/l	97
75) 2-Chlorotoluene	12.65	91	19193	4.833	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	23628	4.834	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	2808	4.396	ug/l	96
78) 4-Chlorotoluene	12.75	91	19739	4.747	ug/l	96
79) tert-butylbenzene	12.97	119	20129	4.958	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	22634	4.640	ug/l	100
81) sec-Butylbenzene	13.15	105	26923	4.814	ug/l	99
82) p-Isopropyltoluene	13.26	119	23184	4.603	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	10221	4.546	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	9731	4.373	ug/l	98
85) n-Butylbenzene	13.59	91	21334	4.575	ug/l	98
86) Hexachloroethane	13.85	117	3238	4.612	ug/l	79
87) 1,2-Dichlorobenzene	13.63	146	9879	4.632	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	1455	4.243	ug/l	95
89) 1,2,4-Trichlorobenzene	14.89	180	4873	3.977	ug/l	98
90) Hexachlorobutadiene	14.99	225	2277	4.562	ug/l	94
91) Naphthalene	15.10	128	15882	4.121	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	5044	4.238	ug/l	98

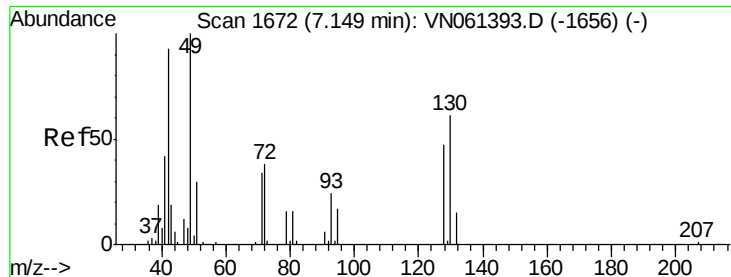
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
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QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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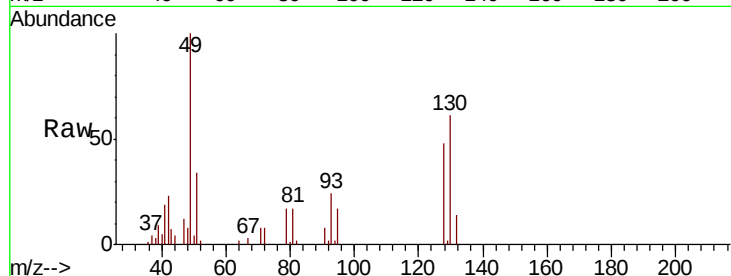
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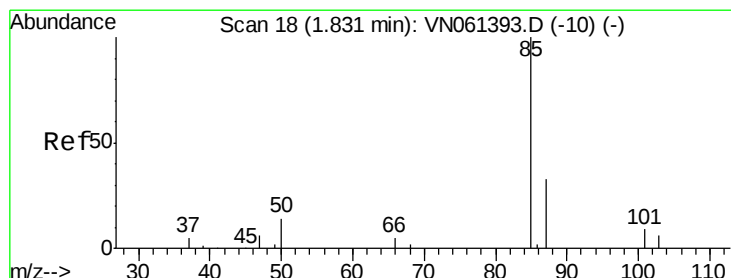
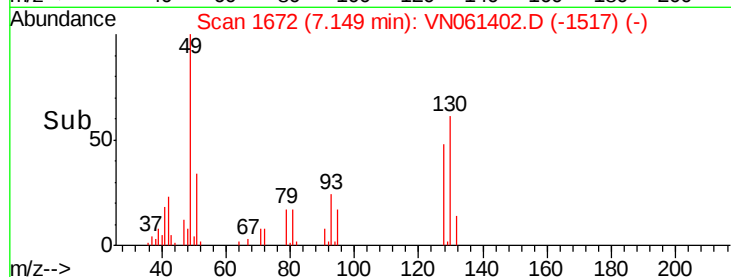
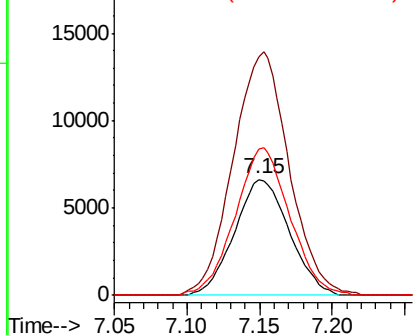
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 17439
Ion Ratio Lower Upper
128 100
49 214.5 0.0 453.5
130 127.1 0.0 314.2

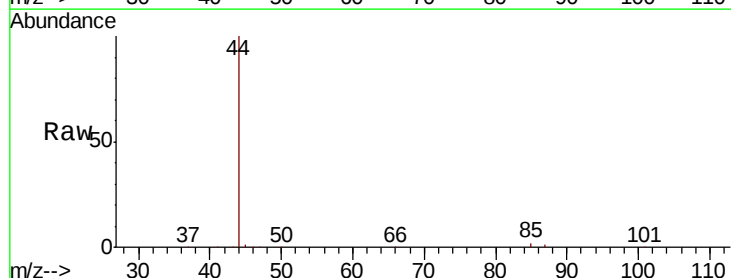


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

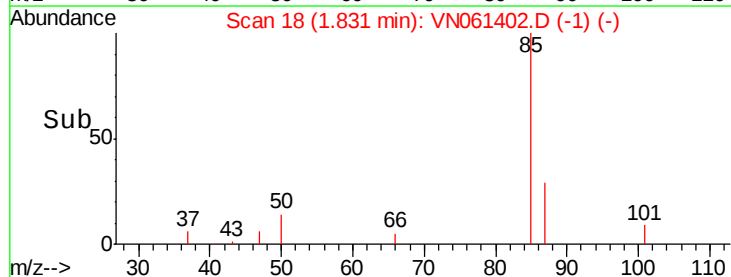
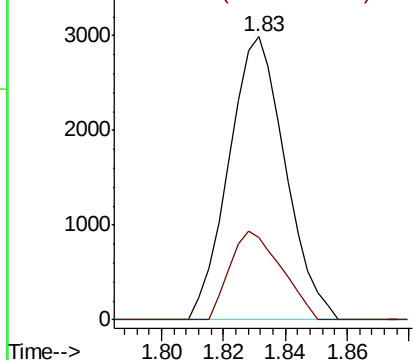


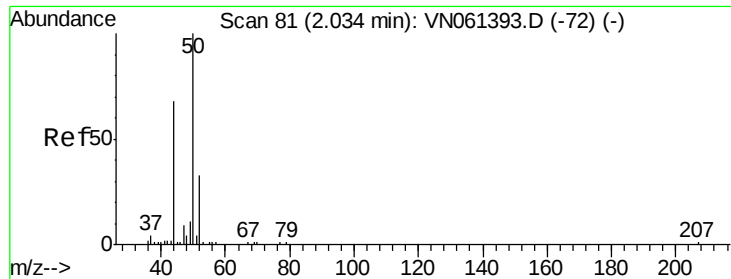
#2
Dichlorodifluoromethane
Concen: 4.781 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 85 Resp: 3796
Ion Ratio Lower Upper
85 100
87 29.3 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 5.727 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

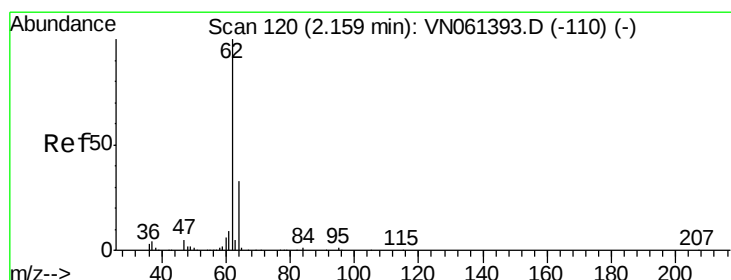
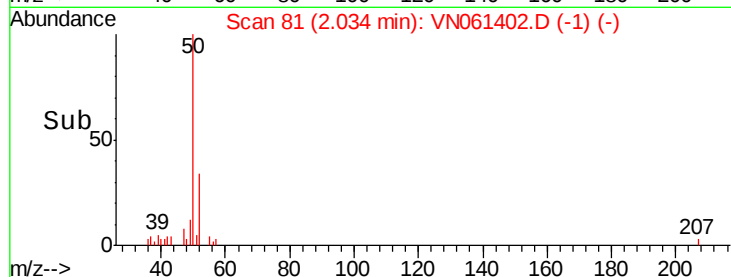
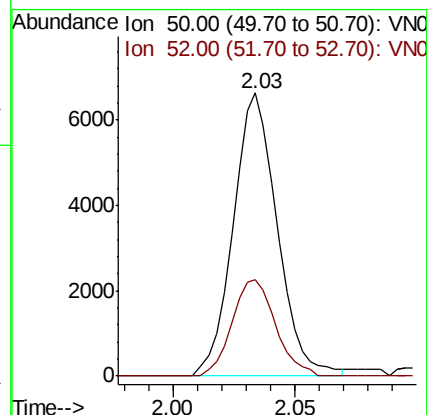
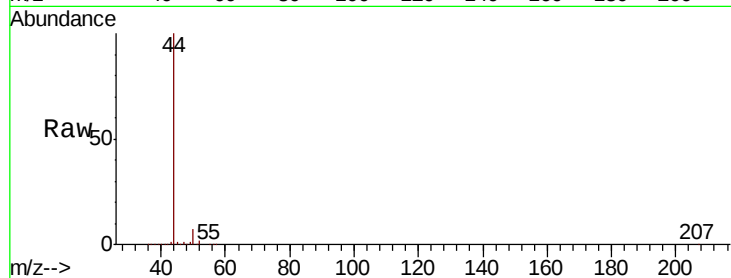
ClientSampleId :

Tot Ion: 50 Resp: 8315

Ion Ratio Lower Upper

50 100

52 34.2 25.8 38.8



#4

Vinyl Chloride

Concen: 5.654 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061402.D

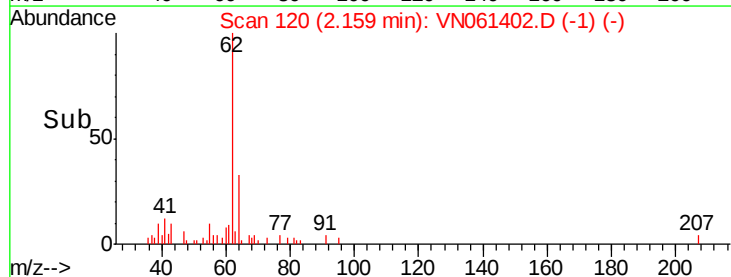
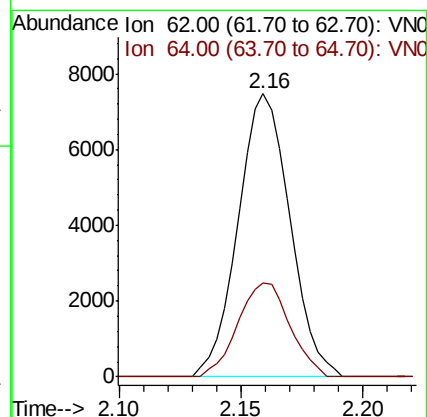
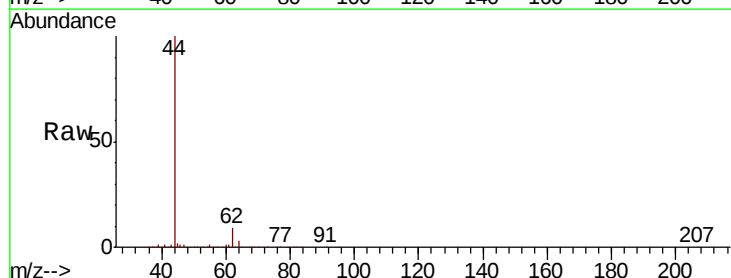
Acq: 14 May 2020 19:16

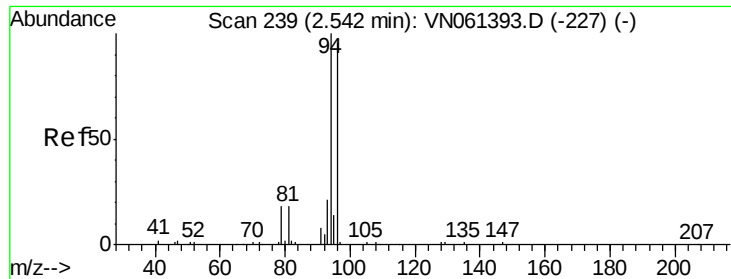
Tgt Ion: 62 Resp: 11004

Ion Ratio Lower Upper

62 100

64 33.3 26.1 39.1

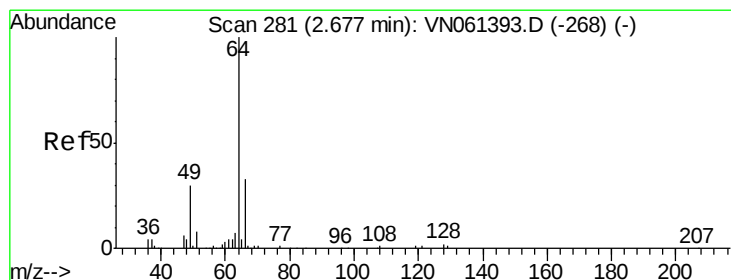
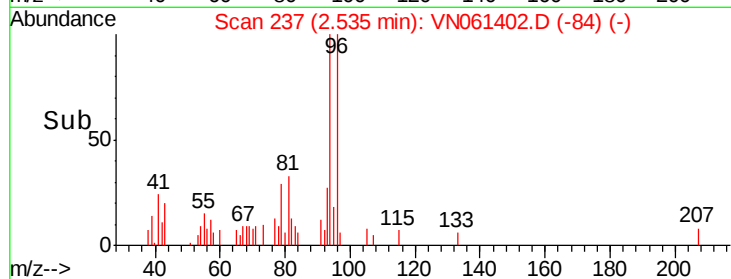
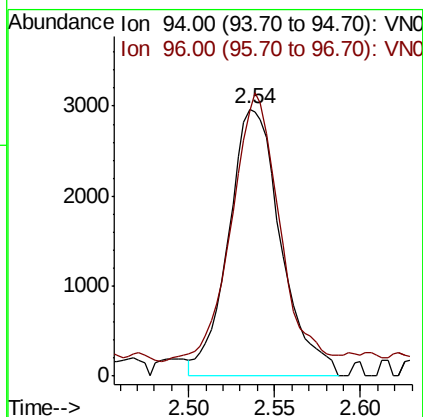
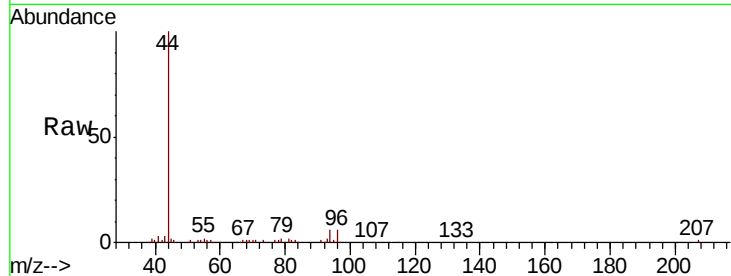




#5
Bromomethane
Concen: 6.358 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.01 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

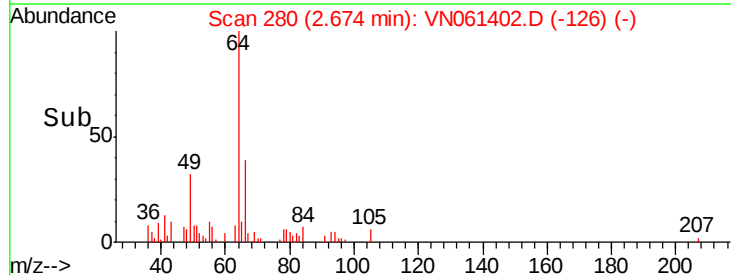
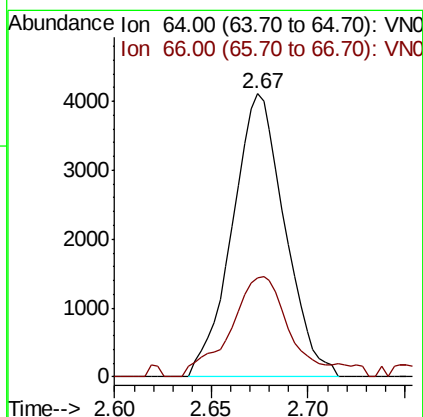
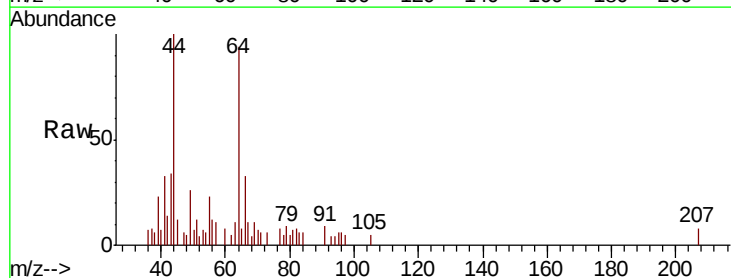
Instrument :
MSVOA_N
ClientSampleId :

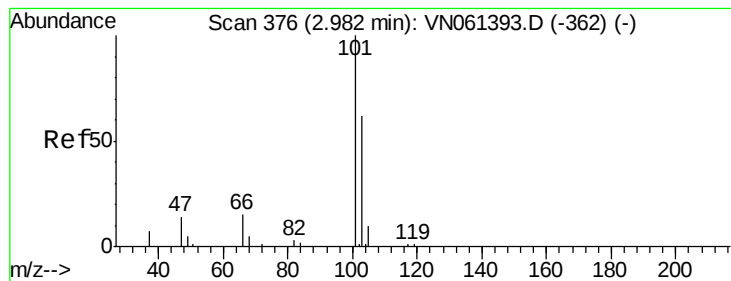
Tot Ion: 94 Resp: 6285
Ion Ratio Lower Upper
94 100
96 91.9 73.7 110.5



#6
Chloroethane
Concen: 5.892 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 64 Resp: 7758
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8



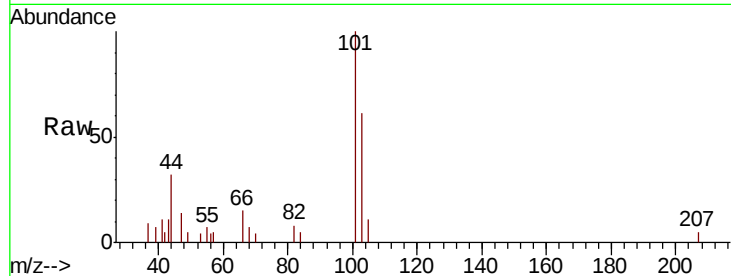


#7

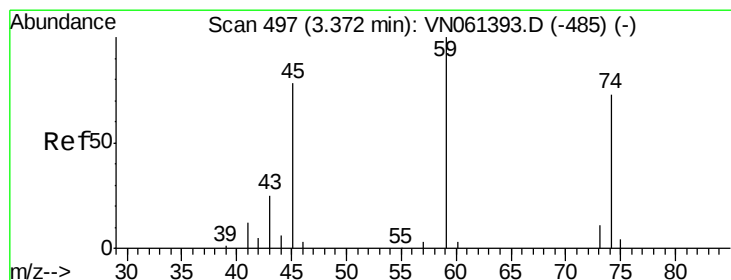
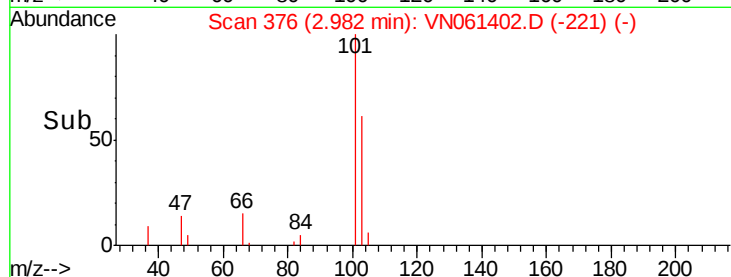
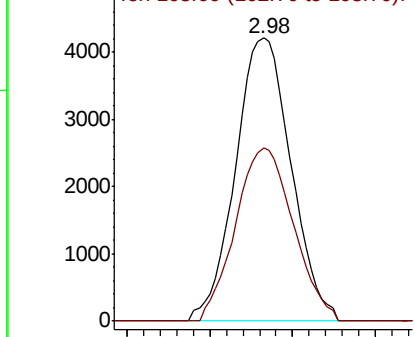
Trichlorofluoromethane
 Concen: 4.713 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 9816
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.5 77.3



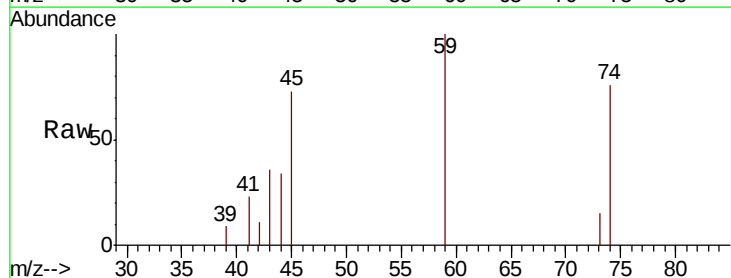
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



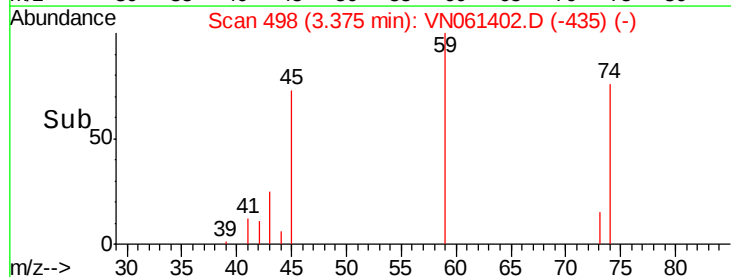
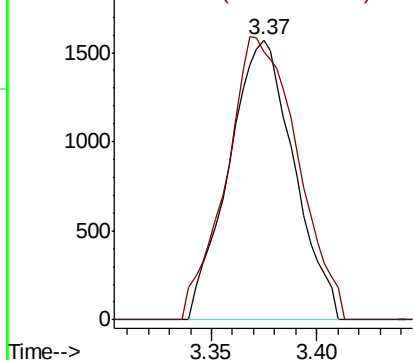
#8

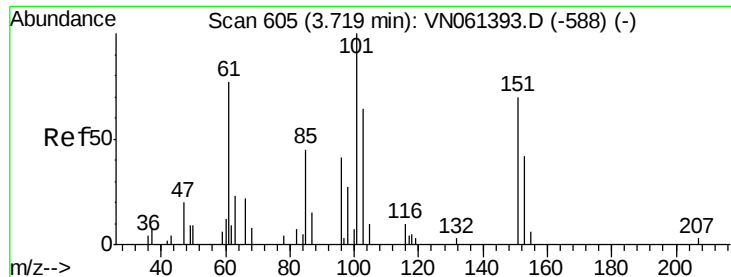
Diethyl Ether
 Concen: 5.077 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 74 Resp: 3363
 Ion Ratio Lower Upper
 74 100
 45 110.6 20.6 185.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.480 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

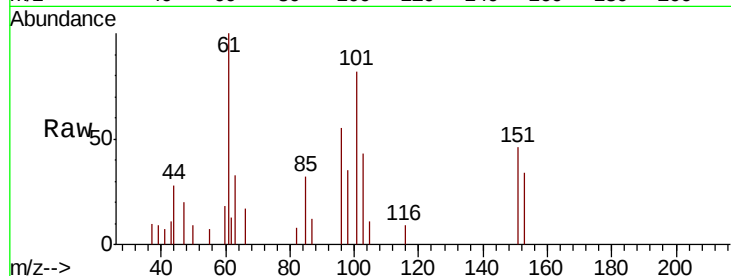
Tot Ion:101 Resp: 4876

Ion Ratio Lower Upper

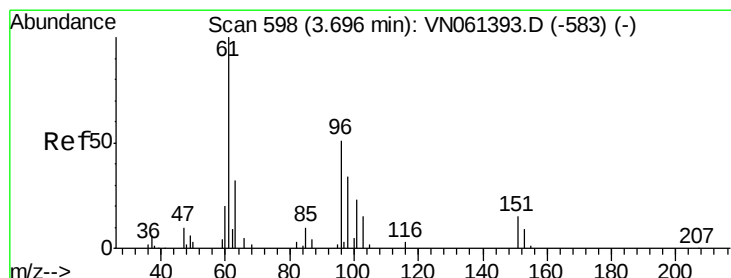
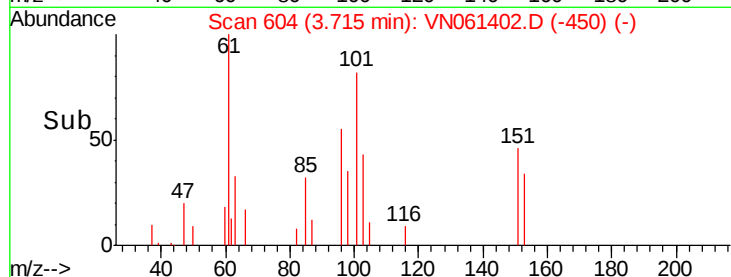
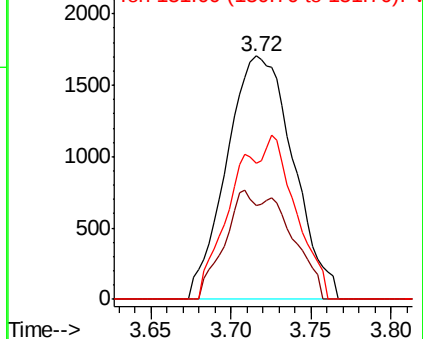
101 100

85 20.9 0.0 93.8

151 28.2 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VN
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.718 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

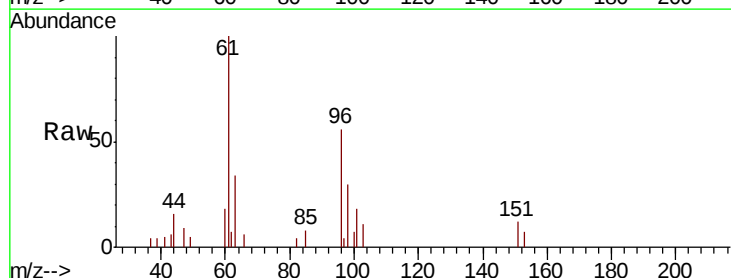
Tgt Ion: 96 Resp: 5356

Ion Ratio Lower Upper

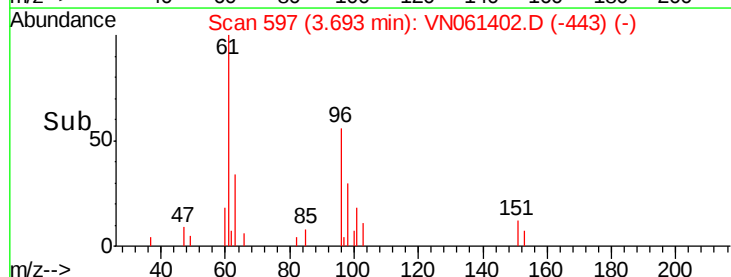
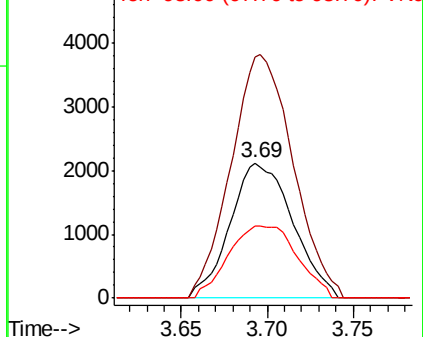
96 100

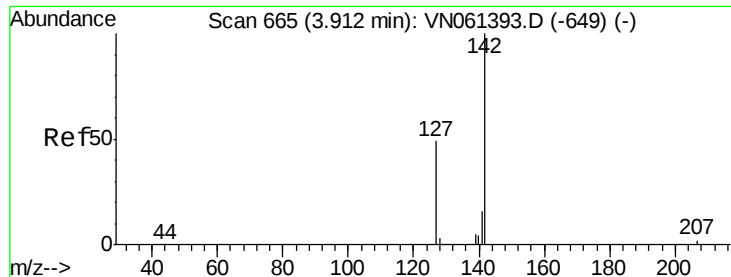
61 178.9 148.5 222.7

98 53.0 51.0 76.6



Abundance Ion 96.00 (95.70 to 96.70): VN
Ion 61.00 (60.70 to 61.70): VN
Ion 98.00 (97.70 to 98.70): VN

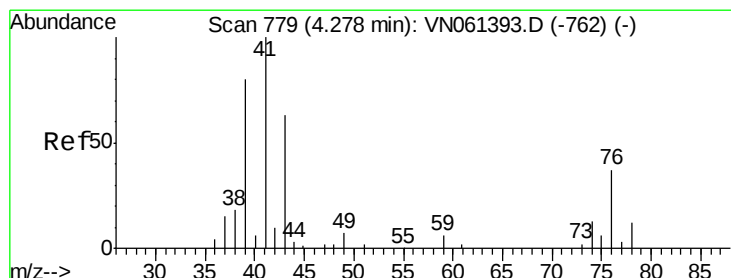
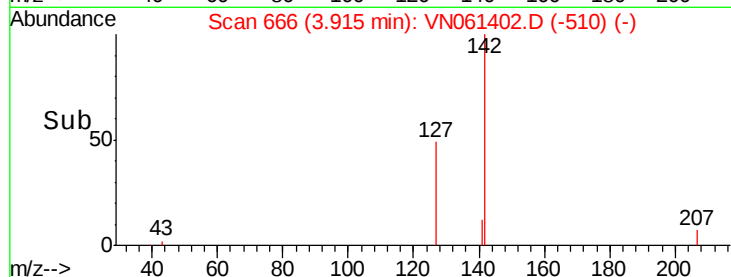
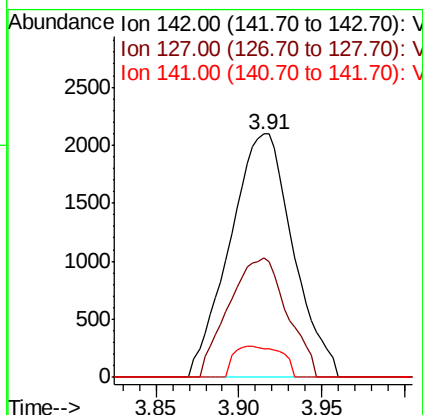
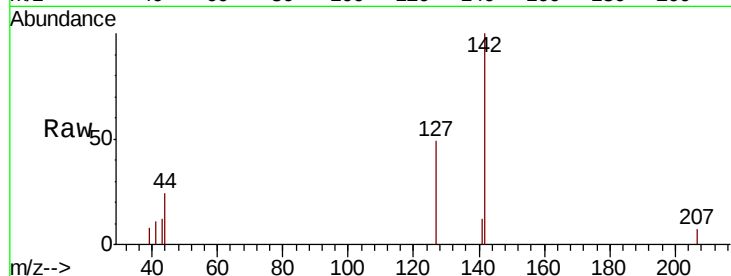




#11
Methvl Iodide
Concen: 5.489 ug/l
RT: 3.91 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

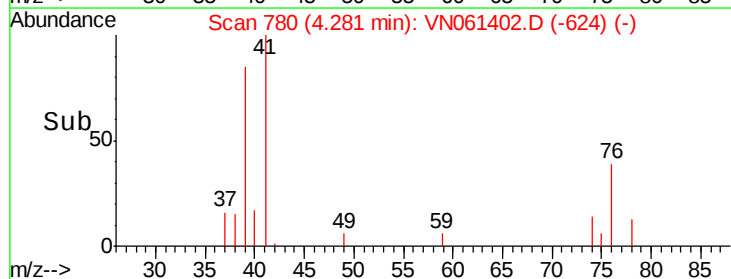
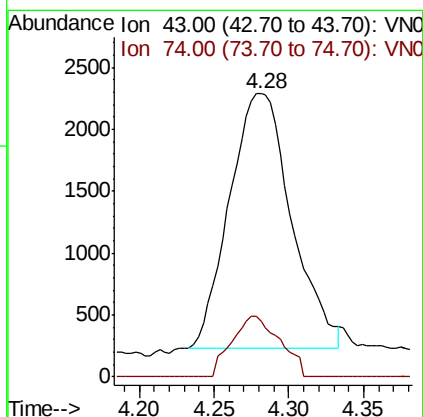
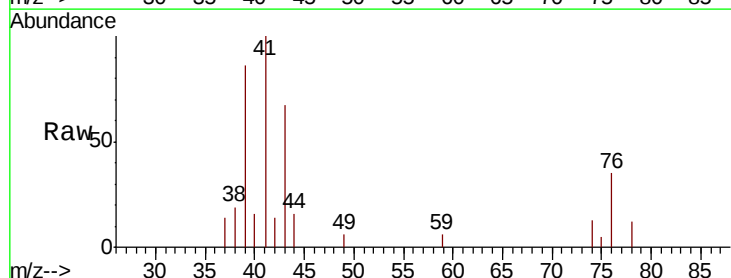
Instrument :
MSVOA_N
ClientSampled :

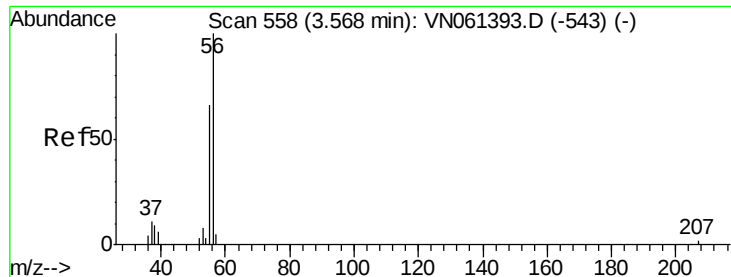
Tot Ion:142 Resp: 5565
Ion Ratio Lower Upper
142 100
127 49.0 23.5 70.6
141 12.0 7.4 22.2



#12
Methyl Acetate
Concen: 5.223 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 43 Resp: 5942
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1





#13

Acrolein

Concen: 29.909 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

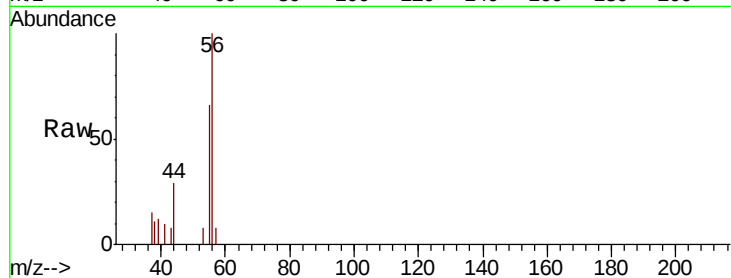
ClientSampled :

Tot Ion: 56 Resp: 5729

Ion Ratio Lower Upper

56 100

55 73.4 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN061393.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061393.D (-543) (-)

3.57

2500

2000

1500

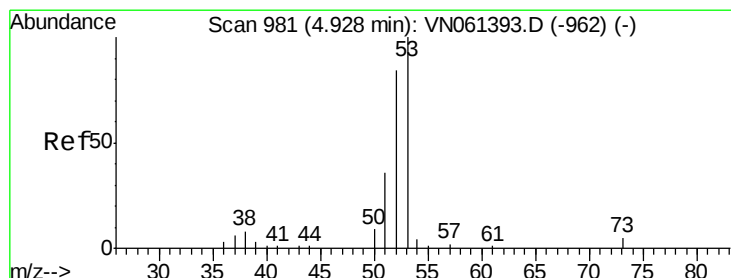
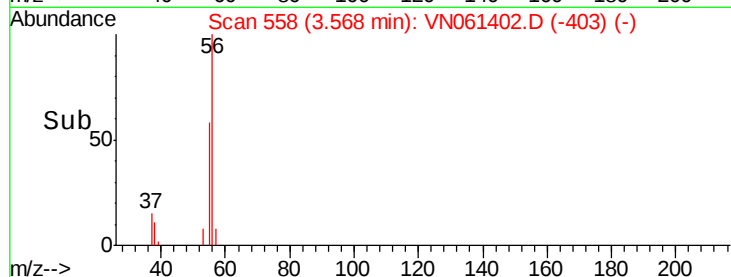
1000

500

0

3.50 3.55 3.60 3.65

Time-->



#14

Acrylonitrile

Concen: 26.749 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

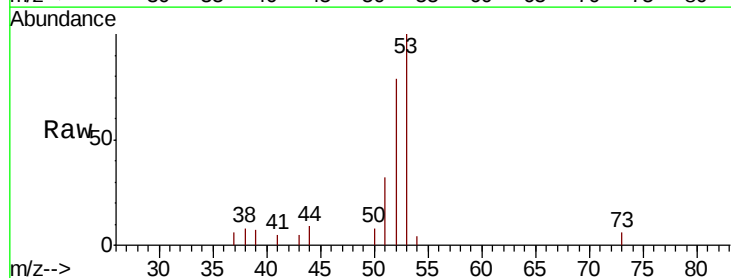
Tgt Ion: 53 Resp: 14284

Ion Ratio Lower Upper

53 100

52 81.8 42.2 126.6

51 14.3 18.8 56.4#



Abundance Ion 53.00 (52.70 to 53.70): VN061393.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN061393.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN061393.D (-962) (-)

4.93

6000

5000

4000

3000

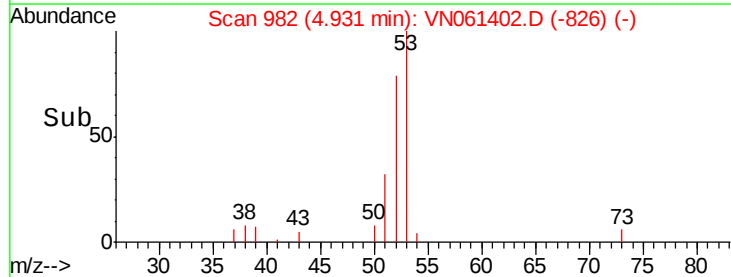
2000

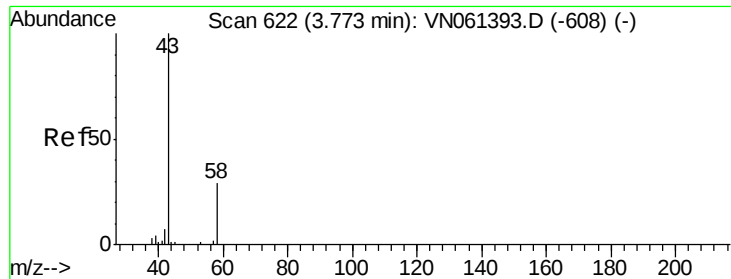
1000

0

4.85 4.90 4.95 5.00

Time-->

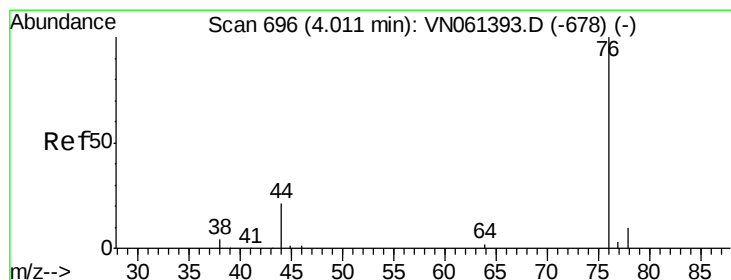
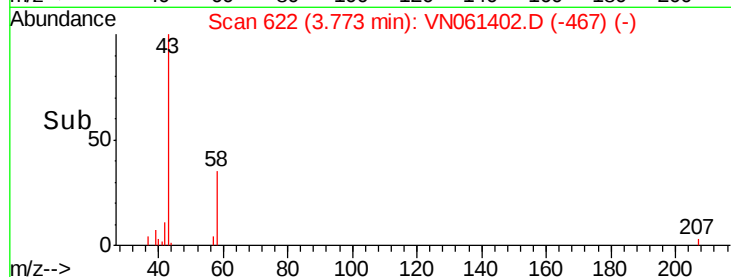
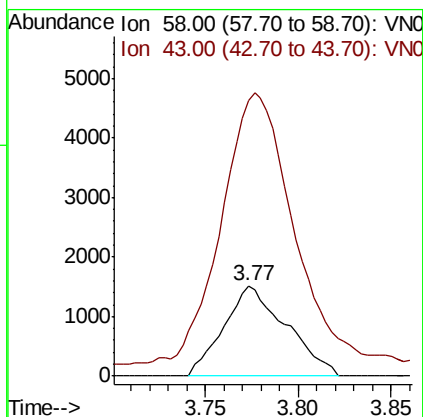
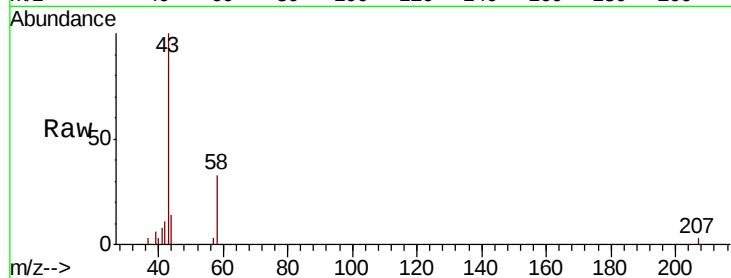




#15
Acetone
Concen: 27.637 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

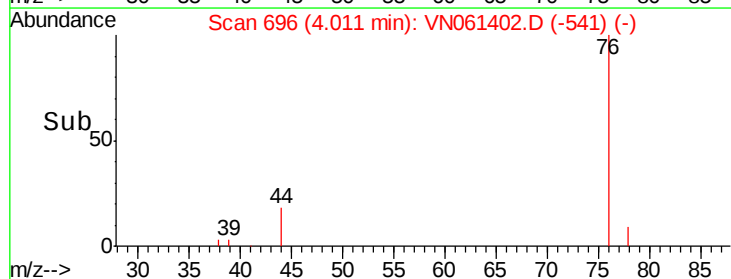
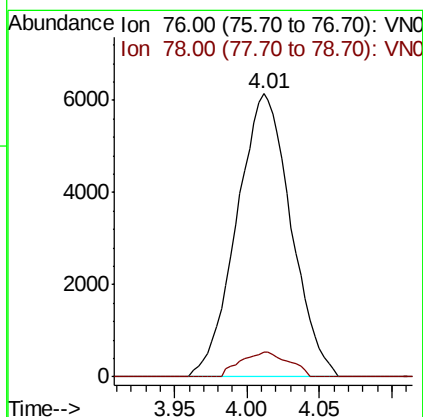
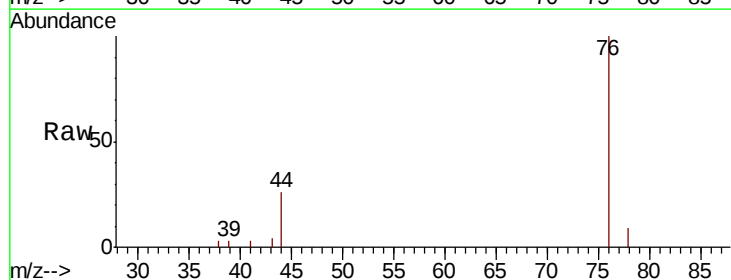
Instrument :
MSVOA_N
ClientSampleId :

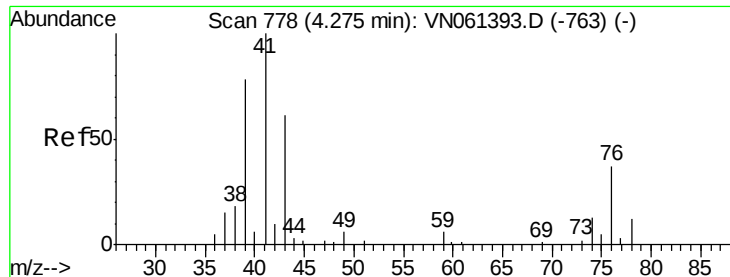
Tot Ion: 58 Resp: 3544
Ion Ratio Lower Upper
58 100
43 265.0 281.7 422.5#



#16
Carbon Disulfide
Concen: 6.063 ug/l
RT: 4.01 min Scan# 696
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 76 Resp: 15965
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

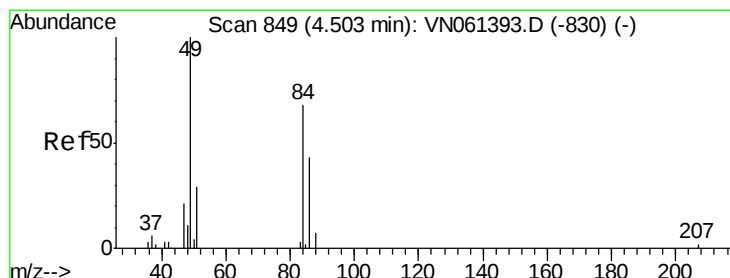
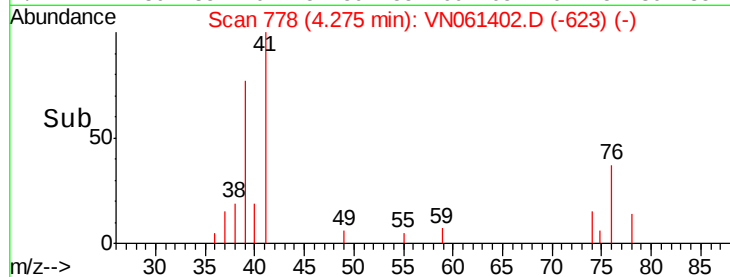
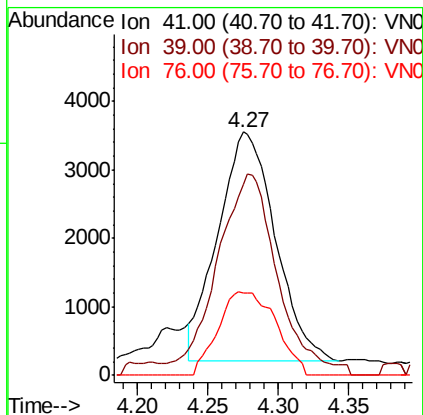
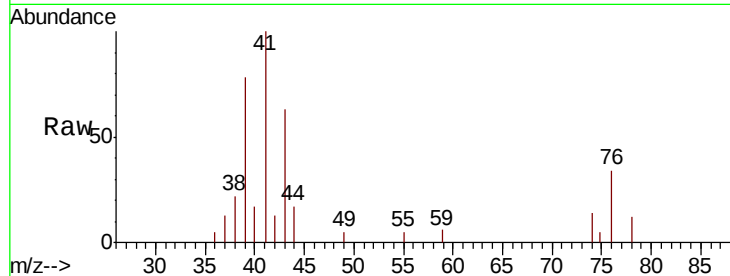




#17
Allvl chloride
Concen: 5.057 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

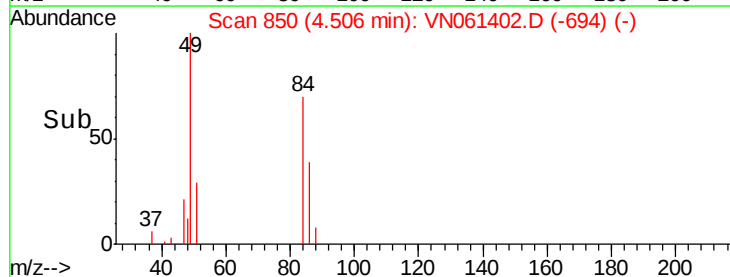
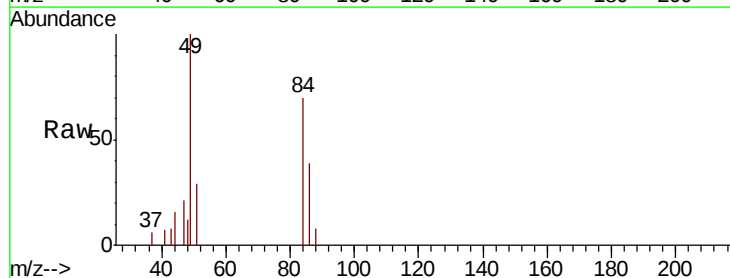
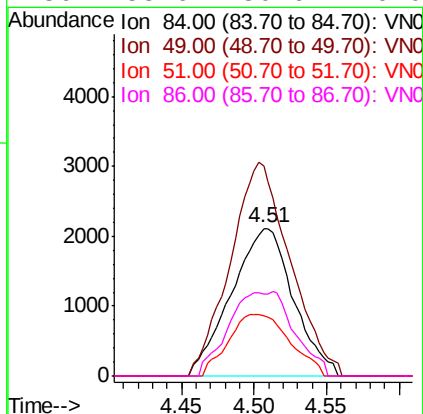
Instrument :
MSVOA_N
ClientSampled :

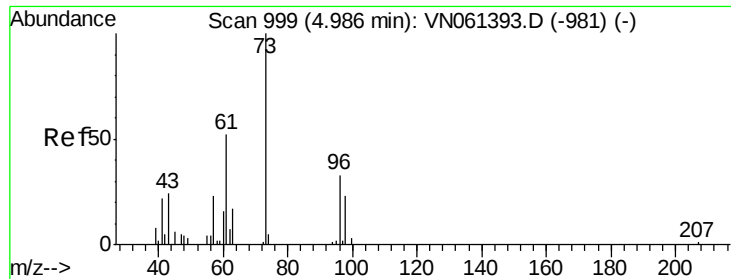
Tot Ion: 41 Resp: 9535
Ion Ratio Lower Upper
41 100
39 78.7 39.6 118.8
76 35.9 17.6 52.9



#18
Methylene Chloride
Concen: 5.554 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 84 Resp: 6278
Ion Ratio Lower Upper
84 100
49 142.7 106.6 160.0
51 41.0 32.4 48.6
86 55.6 50.6 76.0

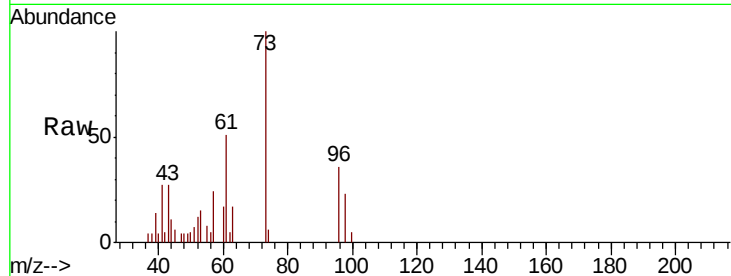




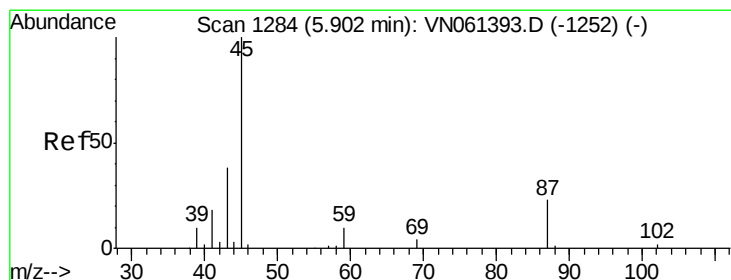
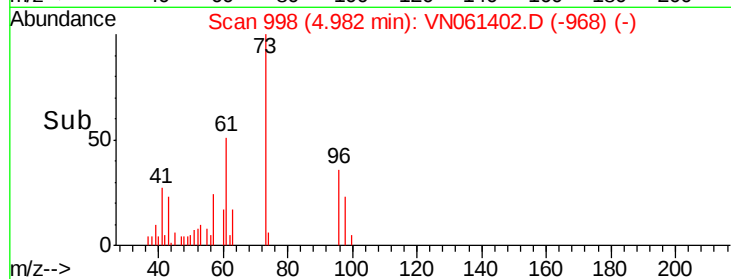
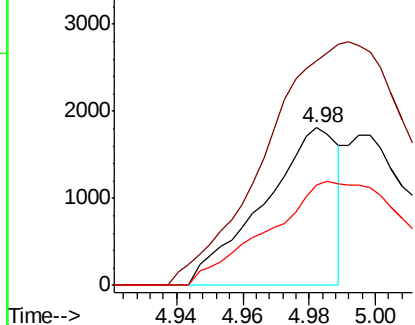
#19
trans-1,2-Dichloroethene
Concen: 2.543 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 2835
Ion Ratio Lower Upper
96 100
61 128.6 131.8 197.6#
98 64.0 52.6 79.0

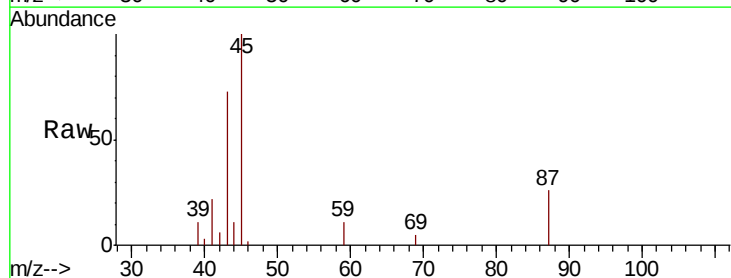


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

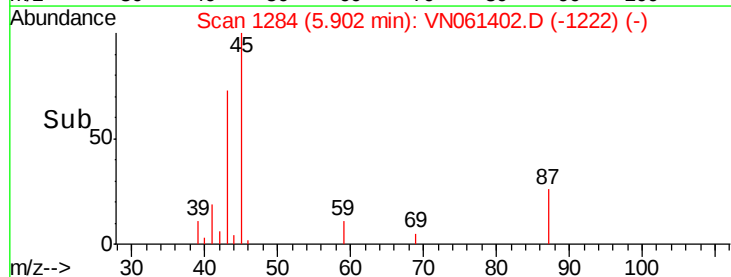
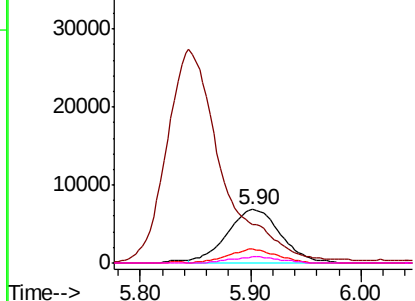


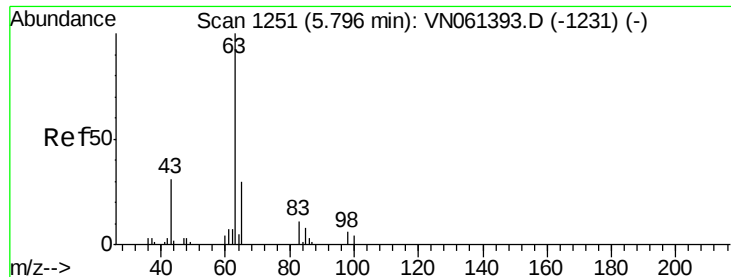
#20
Diisopropyl ether
Concen: 5.259 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 45 Resp: 23083
Ion Ratio Lower Upper
45 100
43 65.2 54.7 82.1
87 25.8 21.5 32.3
59 11.0 8.7 13.1



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

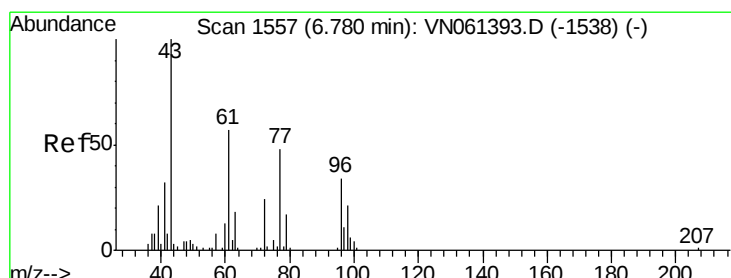
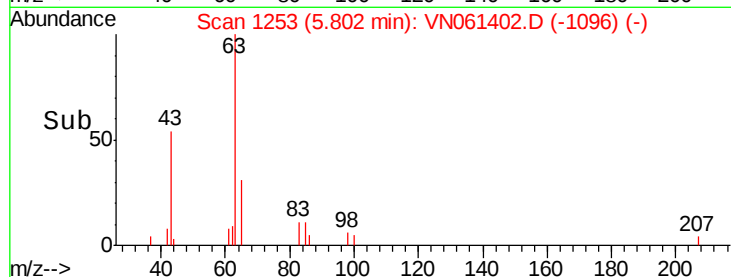
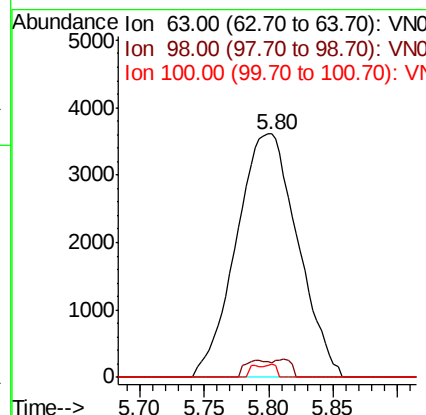
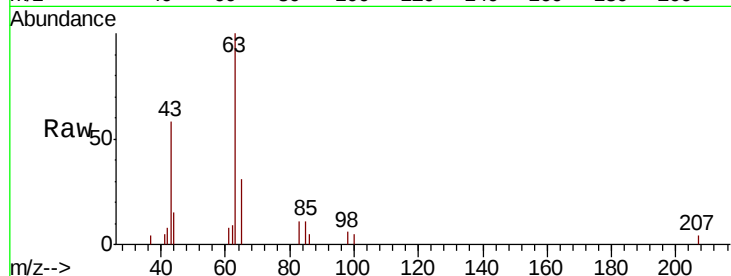




#21
 1,1-Dichloroethane
 Concen: 5.217 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

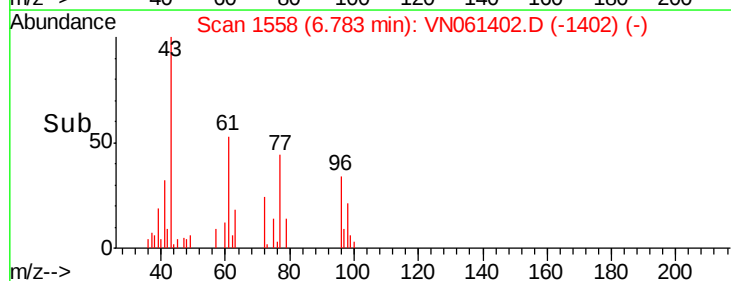
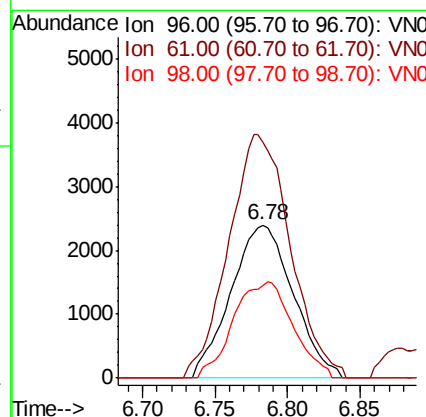
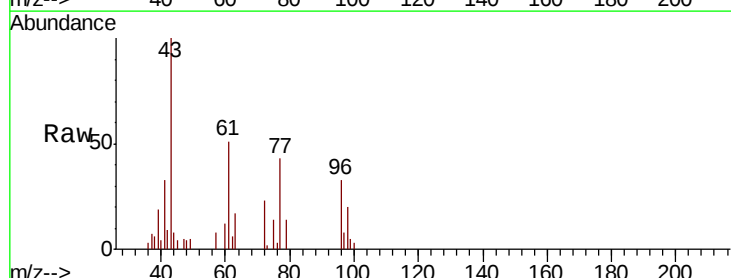
Instrument :
 MSVOA_N
 ClientSampled :

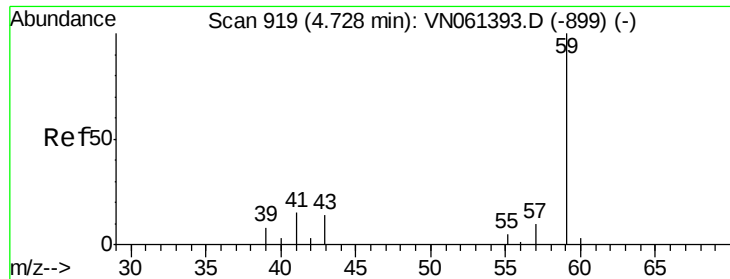
Tot Ion: 63 Resp: 11958
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 5.2 1.8 5.5



#22
 cis-1,2-Dichloroethene
 Concen: 5.468 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 96 Resp: 7148
 Ion Ratio Lower Upper
 96 100
 61 157.6 127.2 190.8
 98 60.4 50.5 75.7



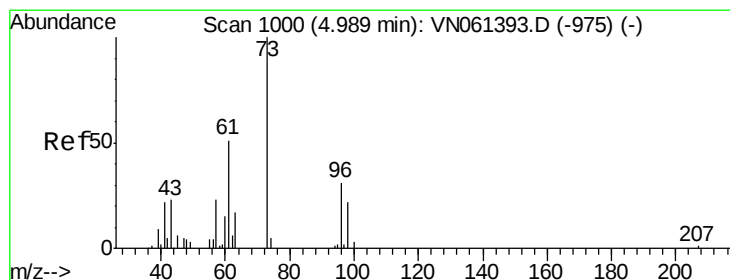
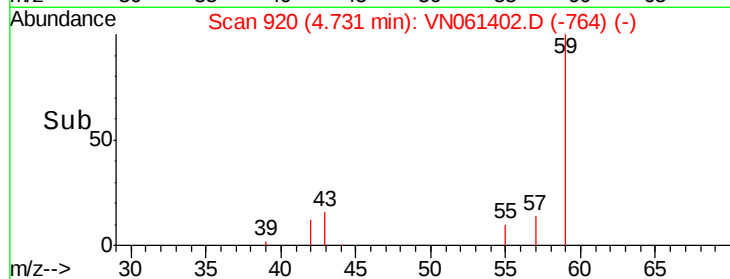
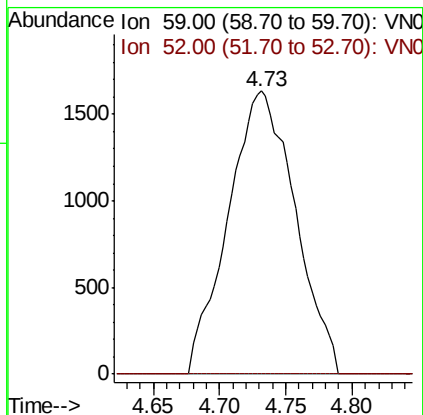
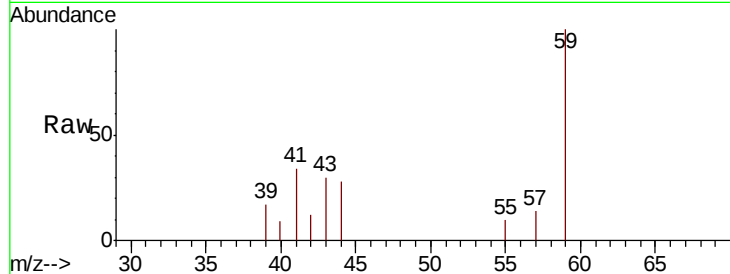


#23

tert-Butyl Alcohol
 Concen: 33.604 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Instrument :
 MSVOA_N
 ClientSampled :

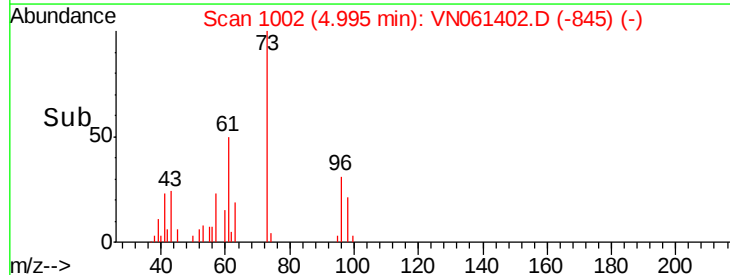
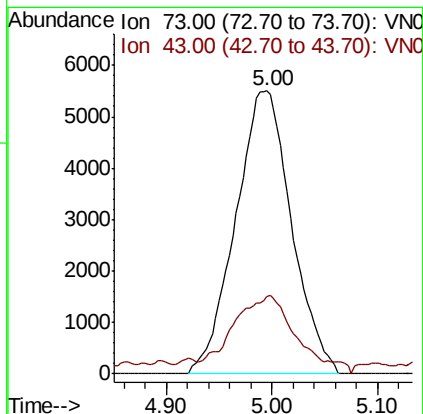
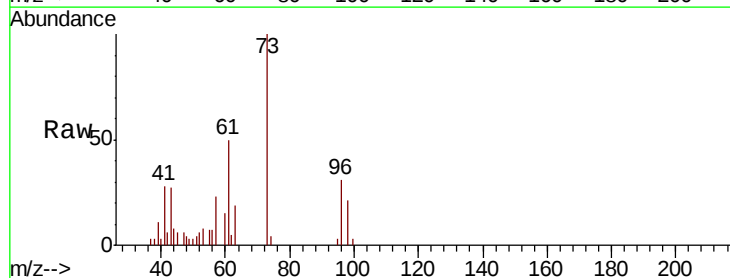
Tot Ion: 59 Resp: 5752
 Ion Ratio Lower Upper
 59 100
 52 203.0 0.0 0.0#

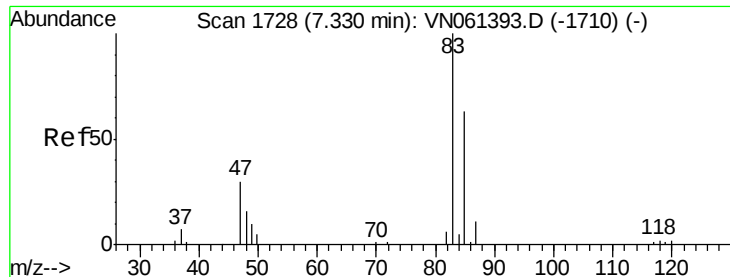


#24

Methyl tert-Butyl Ether
 Concen: 5.343 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 73 Resp: 20313
 Ion Ratio Lower Upper
 73 100
 43 21.8 17.9 26.9

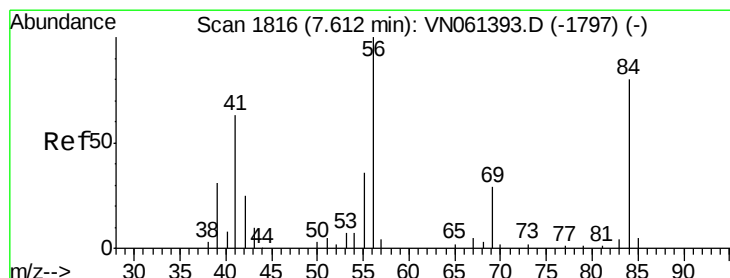
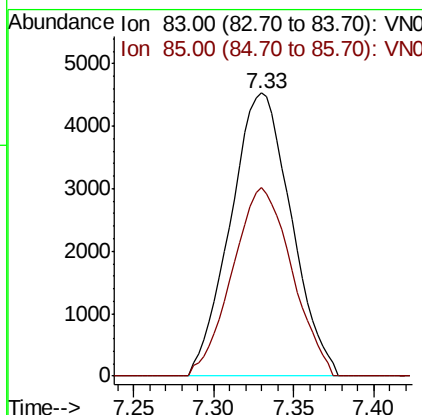
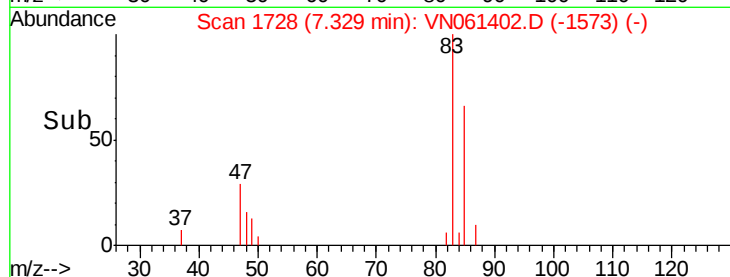
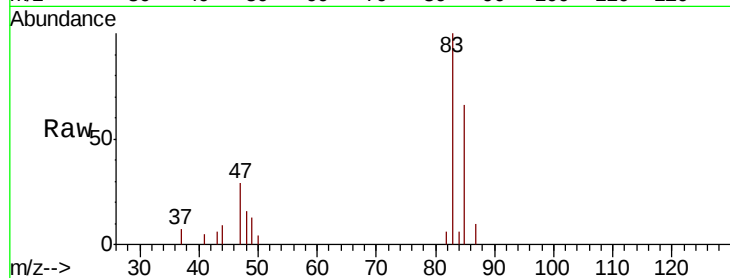




#25
Chloroform
Concen: 5.307 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

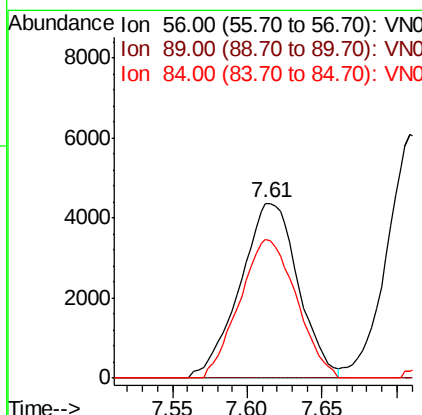
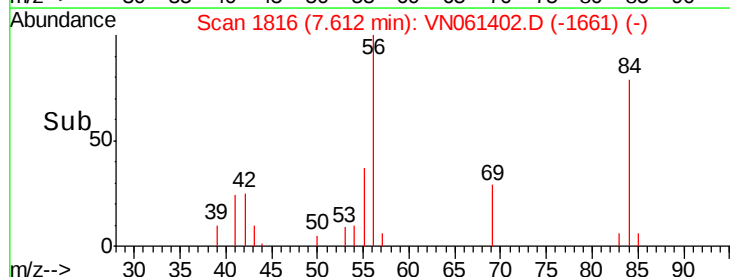
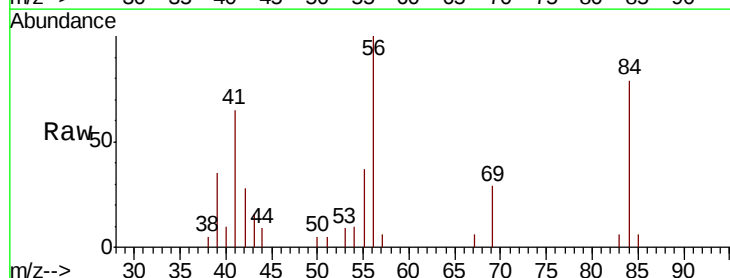
Instrument :
MSVOA_N
ClientSampled :

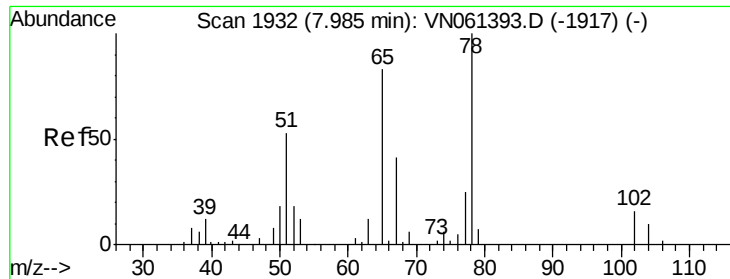
Tot Ion: 83 Resp: 11791
Ion Ratio Lower Upper
83 100
85 66.5 53.8 80.8



#26
Cyclohexane
Concen: 5.413 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 56 Resp: 11847
Ion Ratio Lower Upper
56 100
89 0.0 6.2 9.2#
84 77.2 65.6 98.4

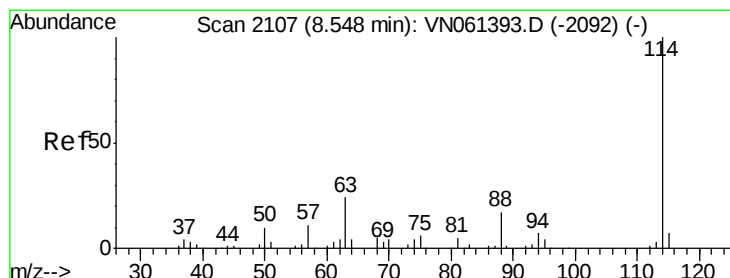
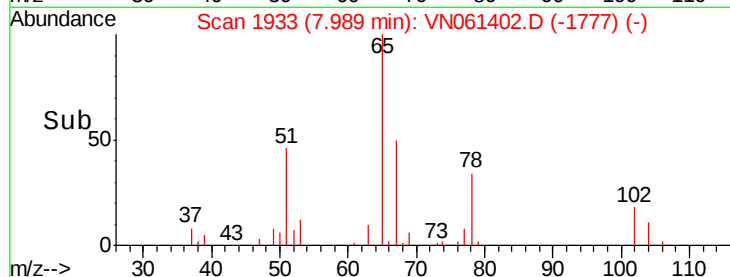
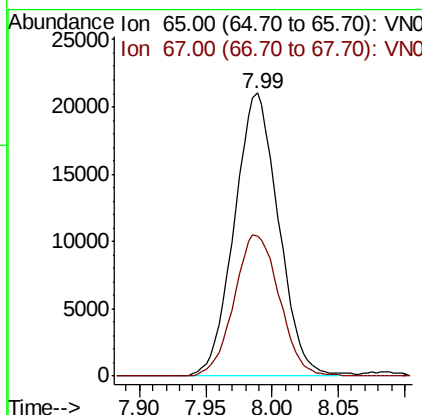
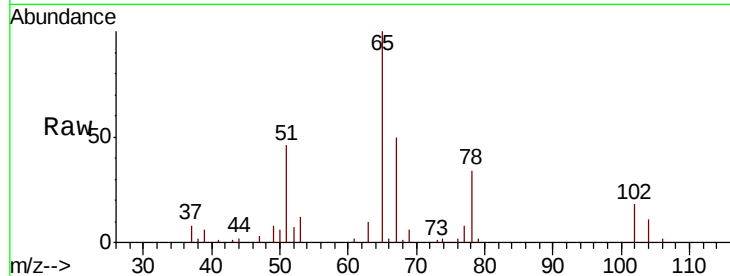




#27
 1,2-Dichloroethane-d4
 Concen: 31.183 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

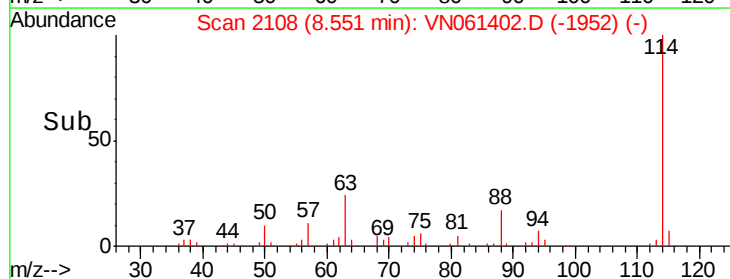
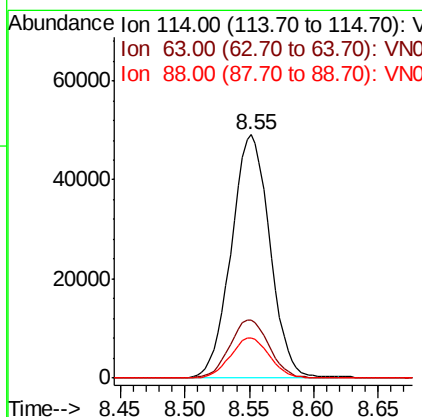
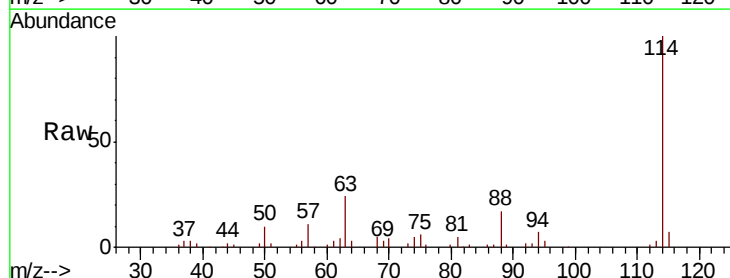
Instrument :
 MSVOA_N
 ClientSampleId :

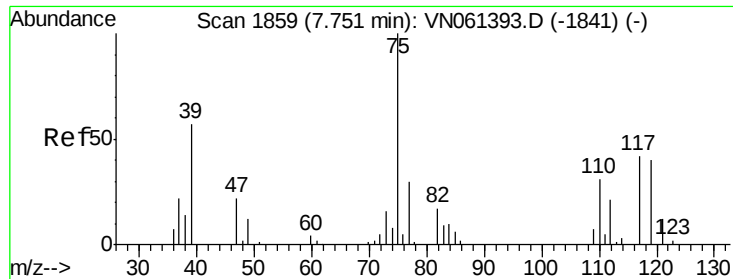
Tot Ion: 65 Resp: 48698
 Ion Ratio Lower Upper
 65 100
 67 50.9 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 114 Resp: 102363
 Ion Ratio Lower Upper
 114 100
 63 24.3 18.1 27.1
 88 16.6 13.0 19.4

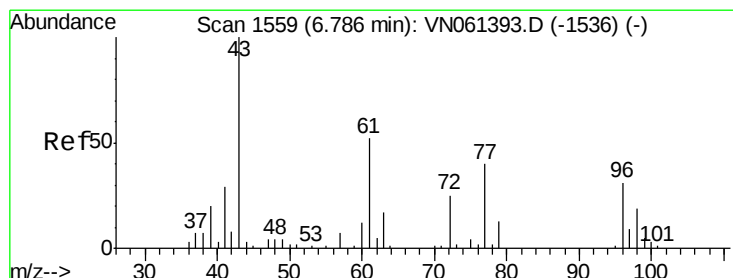
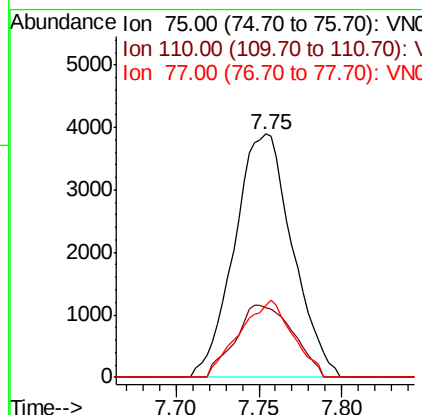
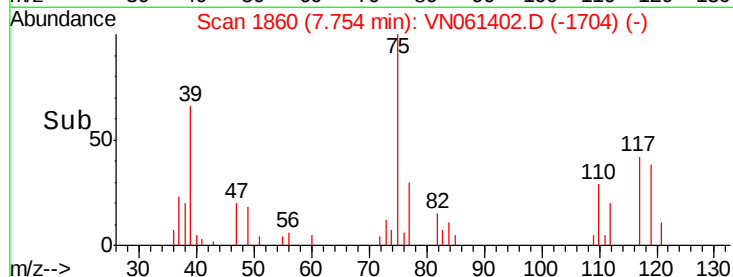
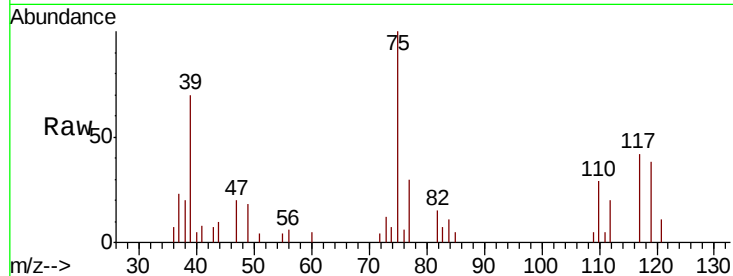




#29
 1,1-Dichloropropene
 Concen: 5.274 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

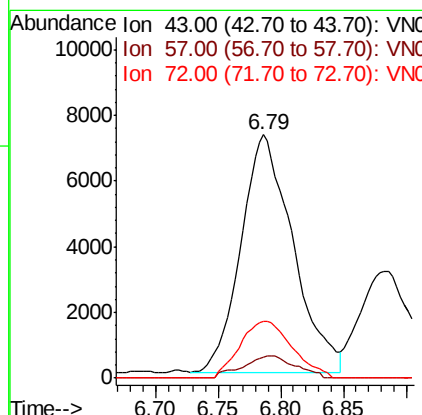
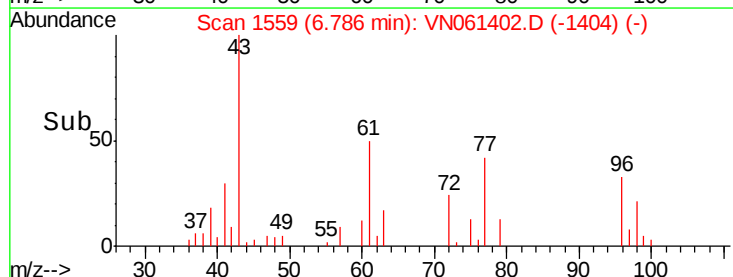
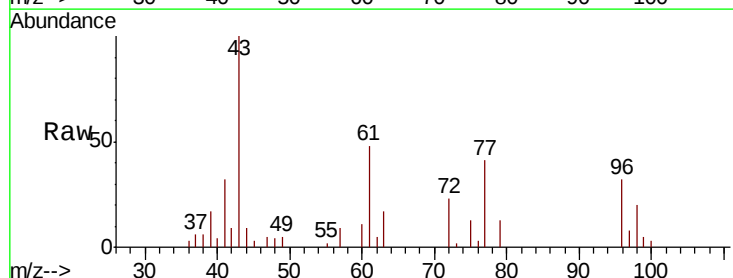
Instrument :
 MSVOA_N
 ClientSampled :

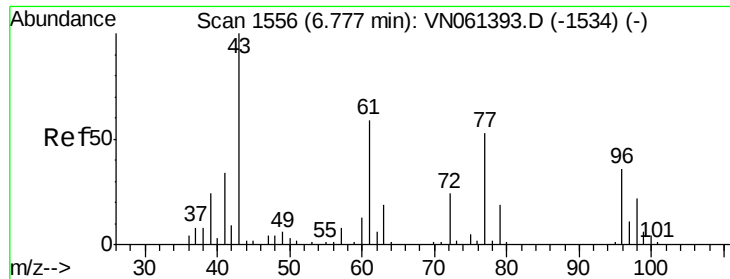
Tot Ion: 75 Resp: 9473
 Ion Ratio Lower Upper
 75 100
 110 29.5 0.0 64.6
 77 29.0 0.0 60.8



#30
 2-Butanone
 Concen: 27.401 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 43 Resp: 20821
 Ion Ratio Lower Upper
 43 100
 57 9.4 6.5 9.7
 72 23.9 20.1 30.1





#31

2,2-Dichloropropane

Concen: 5.156 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

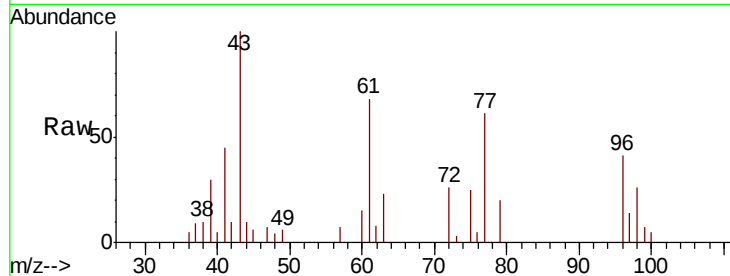
ClientSampled :

Tot Ion: 77 Resp: 10820

Ion Ratio Lower Upper

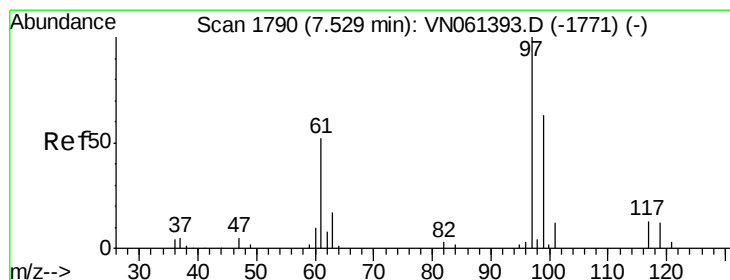
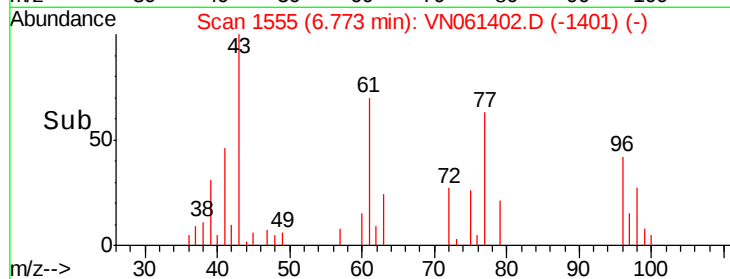
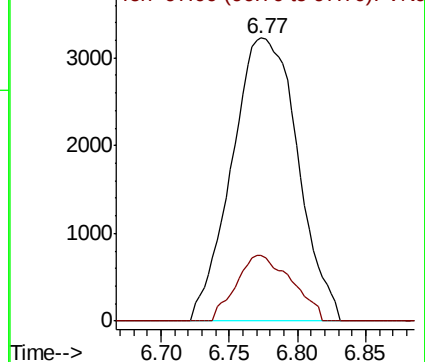
77 100

97 19.6 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 5.125 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

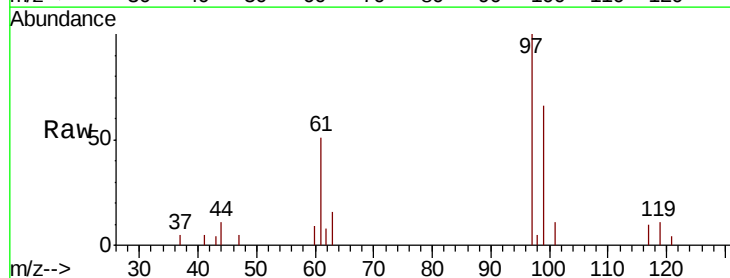
Tgt Ion: 97 Resp: 10301

Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

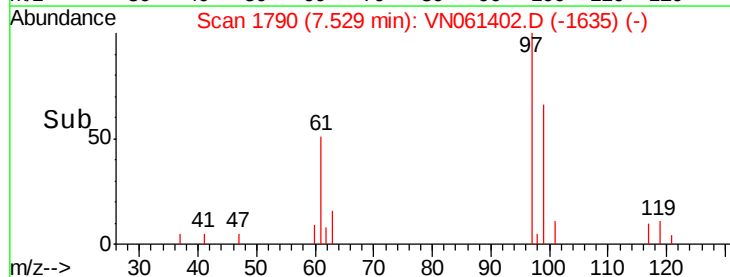
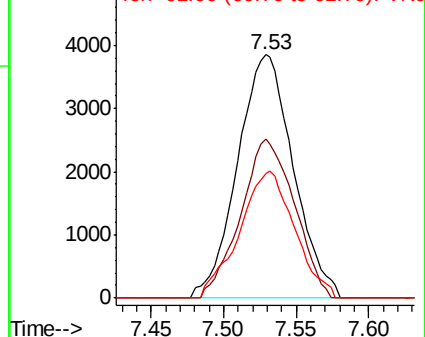
61 51.6 38.4 57.6

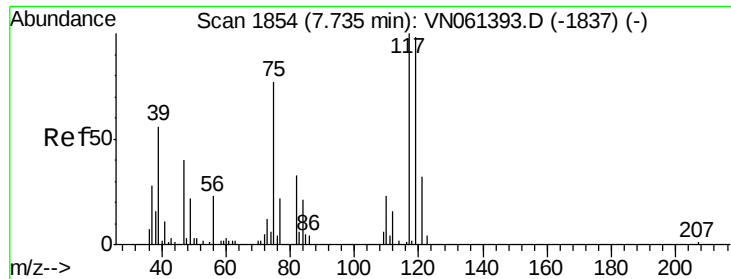


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

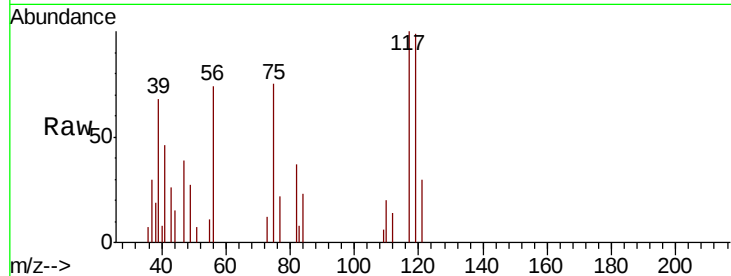




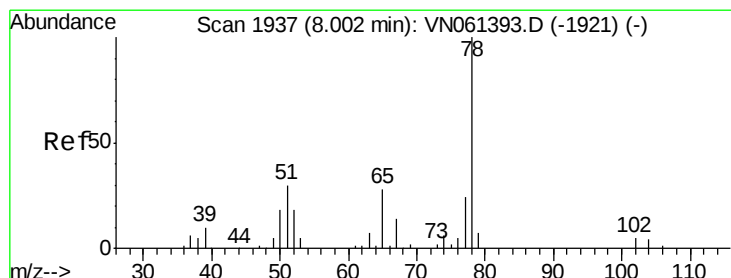
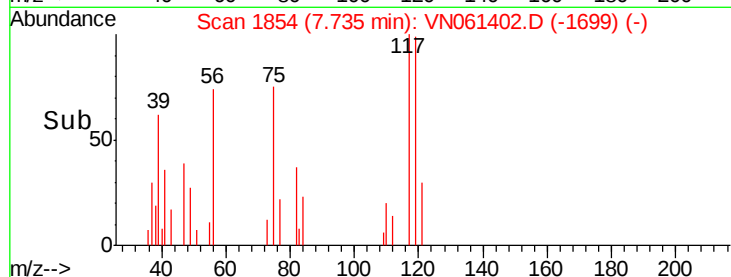
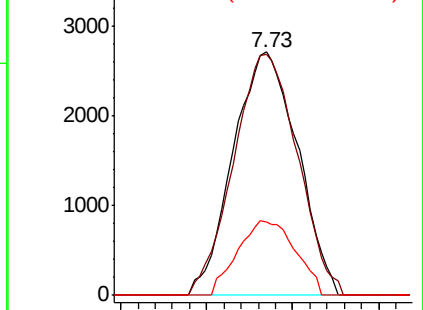
#33
Carbon Tetrachloride
Concen: 4.574 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 7056
Ion Ratio Lower Upper
117 100
119 99.2 76.9 115.3
121 30.3 23.8 35.8

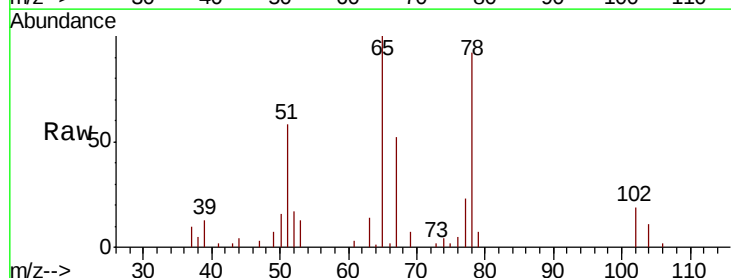


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

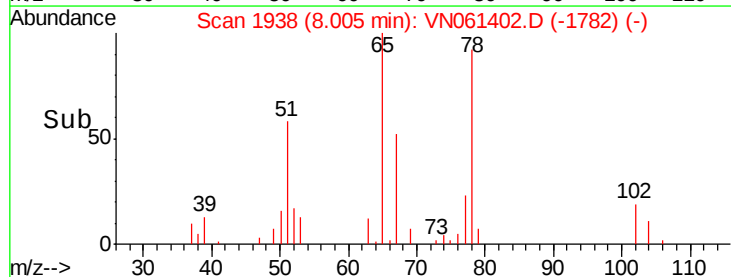
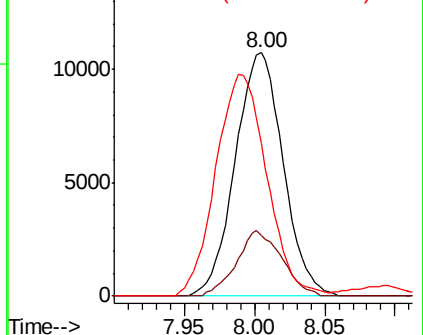


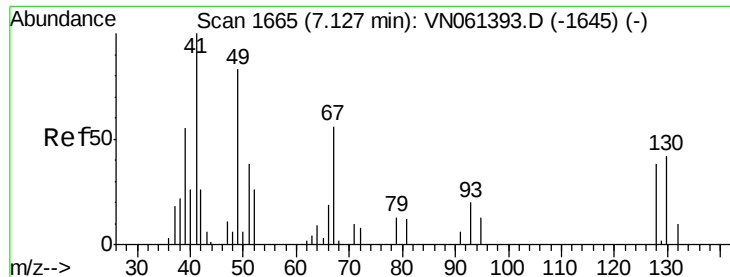
#34
Benzene
Concen: 5.021 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 78 Resp: 25517
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8
51 60.7 22.1 33.1#



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

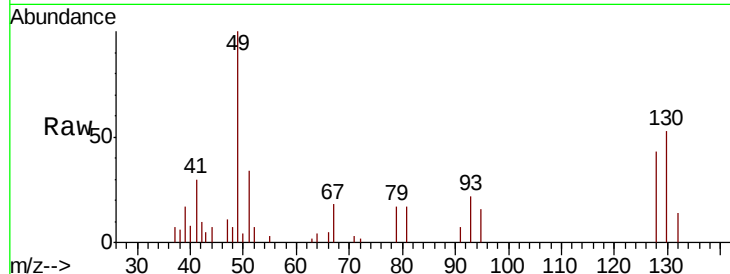




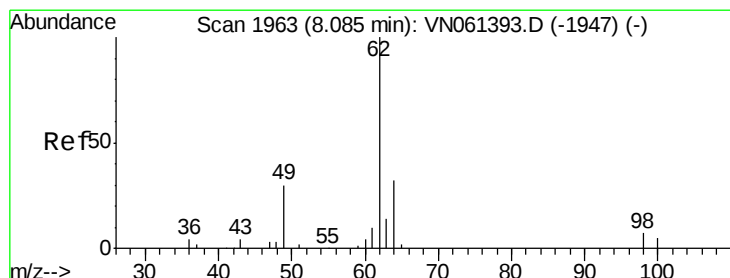
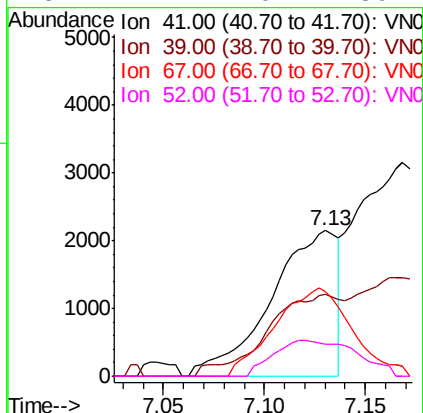
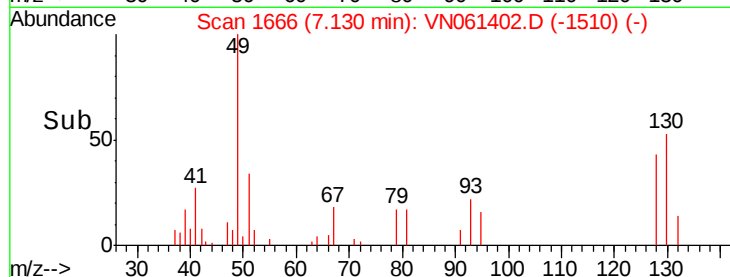
#35
Methacrylonitrile
Concen: 6.469 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	4930
Ion	Ratio	Lower	Upper
41	100		
39	56.3	25.8	77.4
67	58.3	23.0	69.0
52	22.2	10.1	30.1

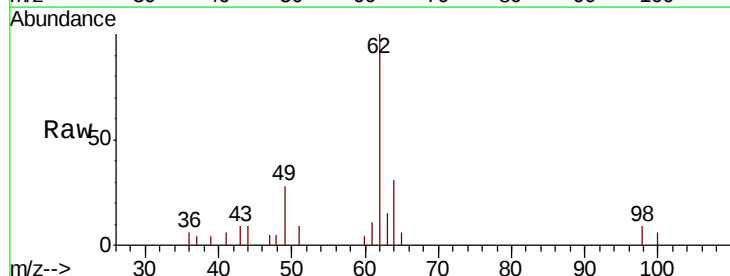


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

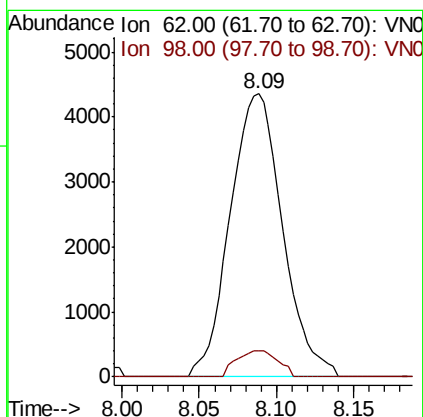
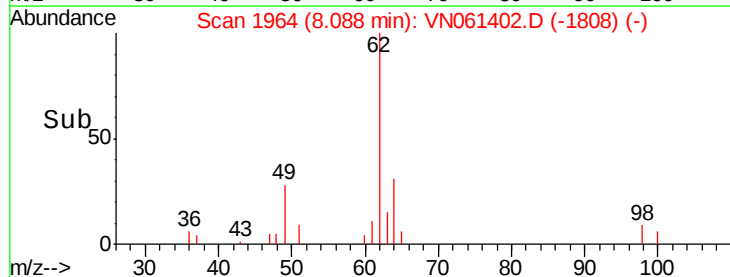


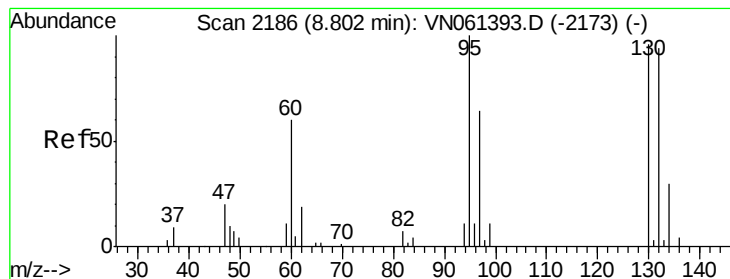
#36
1,2-Dichloroethane
Concen: 5.259 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion:	62	Resp:	10260
Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.4	9.6



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 5.146 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

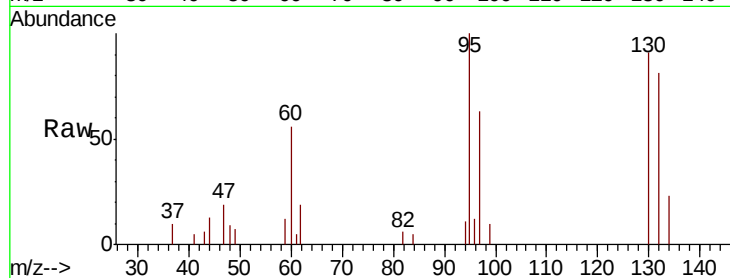
ClientSampleId :

Tot Ion:130 Resp: 6439

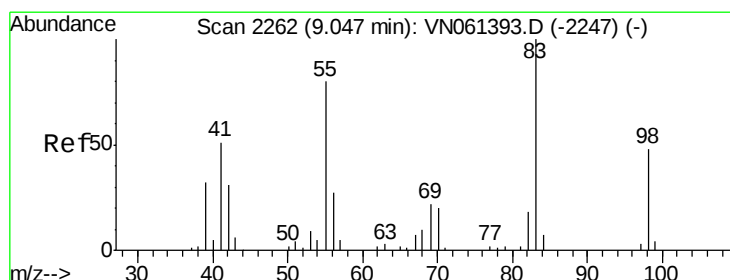
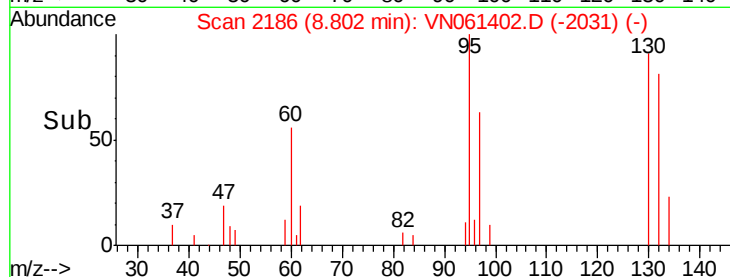
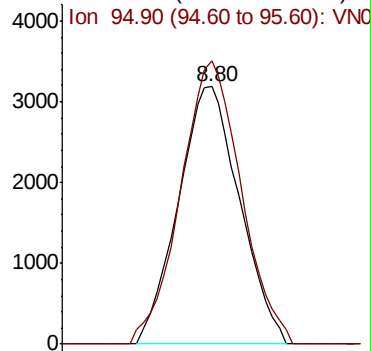
Ion Ratio Lower Upper

130 100

95 104.2 83.2 124.8



Abundance Ion 129.90 (129.60 to 130.60): VN061402.D (-2031) (-)



#38

Methylcyclohexane

Concen: 4.829 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

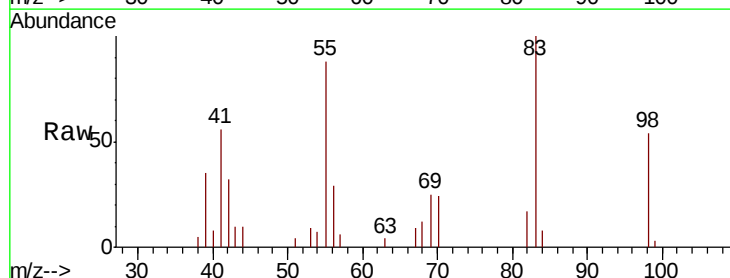
Tgt Ion: 83 Resp: 10412

Ion Ratio Lower Upper

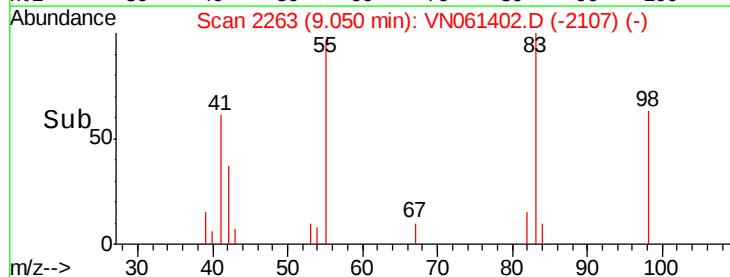
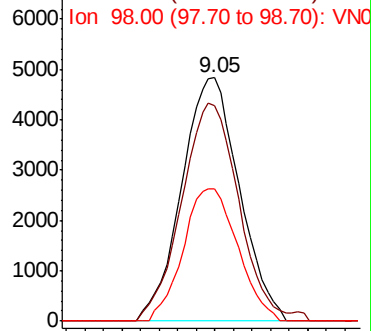
83 100

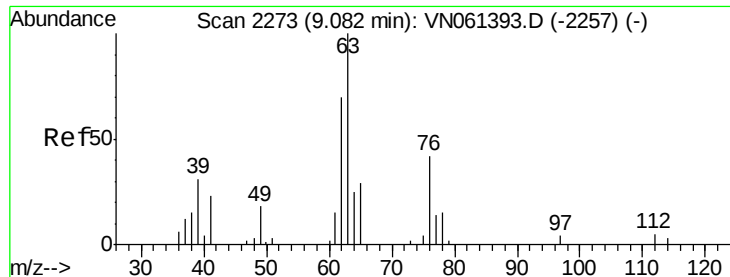
55 88.4 40.4 121.1

98 51.4 21.6 65.0



Abundance Ion 83.00 (82.70 to 83.70): VN061402.D (-2107) (-)





#39

1,2-Dichloropropane

Concen: 5.321 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.01 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

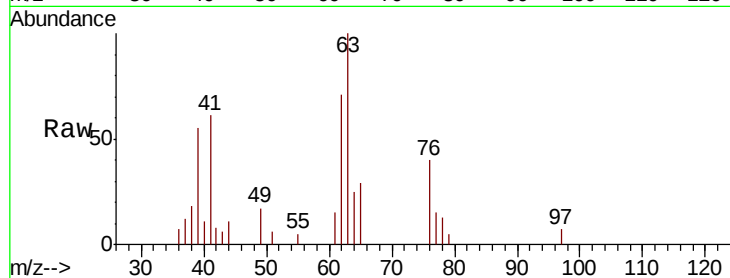
ClientSampled :

Tot Ion: 63 Resp: 7434

Ion Ratio Lower Upper

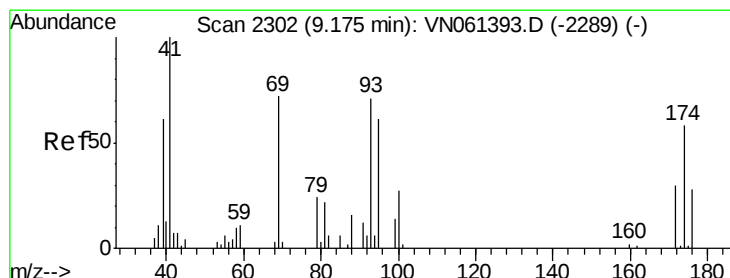
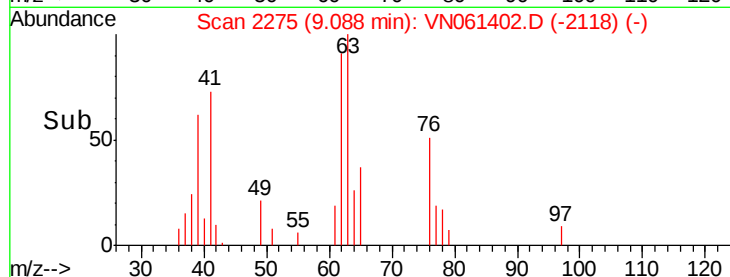
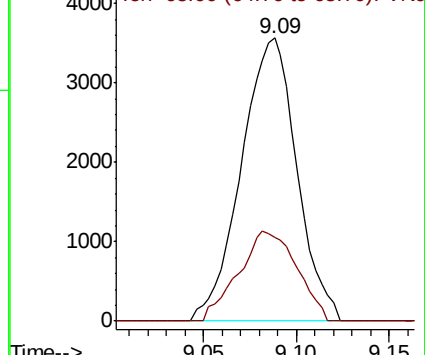
63 100

65 29.3 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VN061393.D (-2257) (-)

Ion 65.00 (64.70 to 65.70): VN061393.D (-2257) (-)



#40

Dibromomethane

Concen: 5.301 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

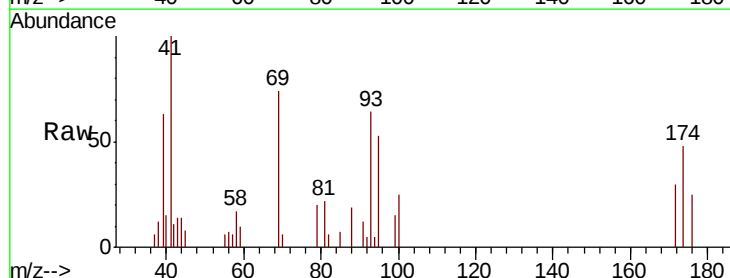
Tgt Ion: 93 Resp: 4574

Ion Ratio Lower Upper

93 100

95 79.6 0.0 167.6

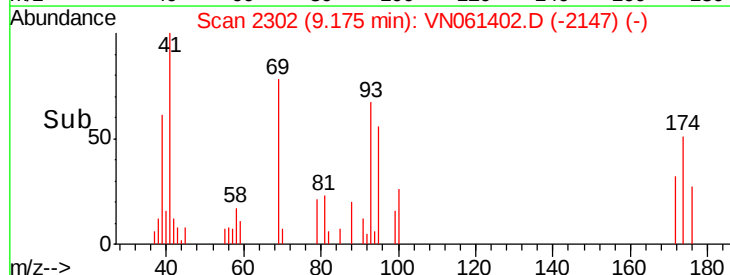
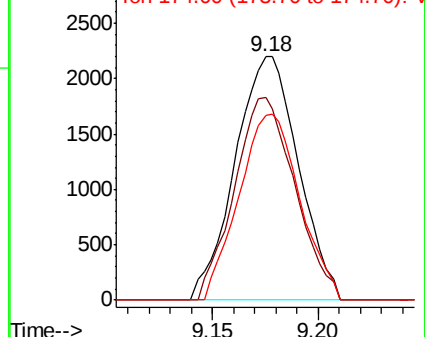
174 73.3 0.0 187.2

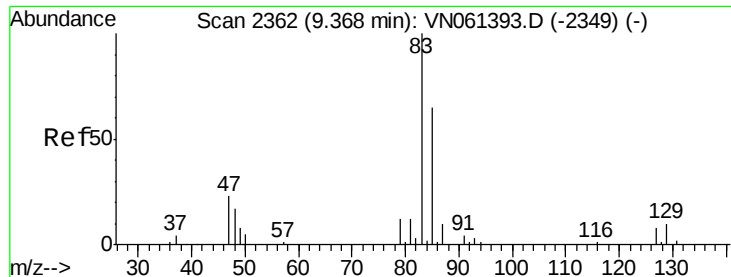


Abundance Ion 93.00 (92.70 to 93.70): VN061393.D (-2289) (-)

Ion 95.00 (94.70 to 95.70): VN061393.D (-2289) (-)

Ion 174.00 (173.70 to 174.70): VN061393.D (-2289) (-)

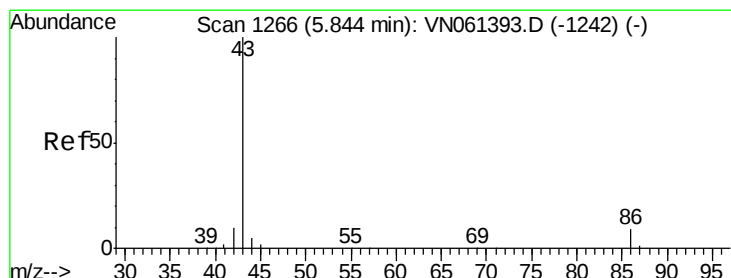
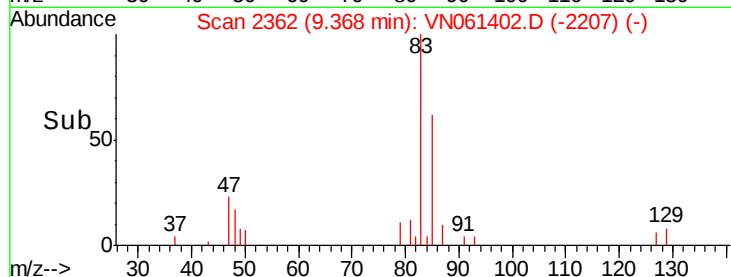
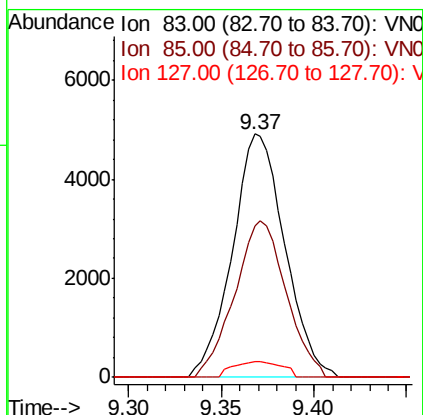
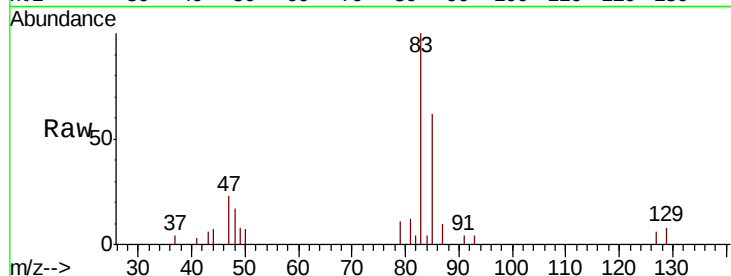




#41
 Bromodichloromethane
 Concen: 5.143 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

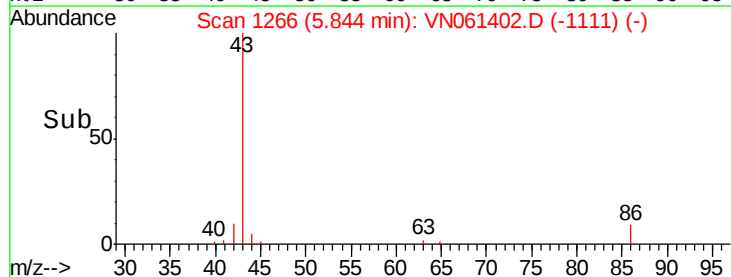
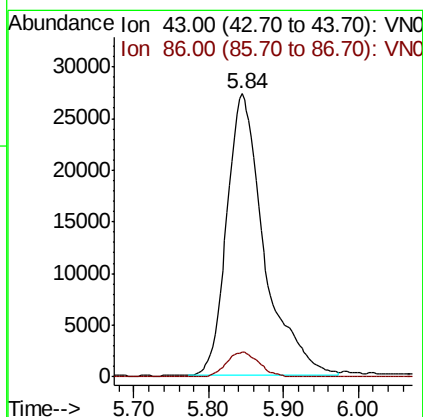
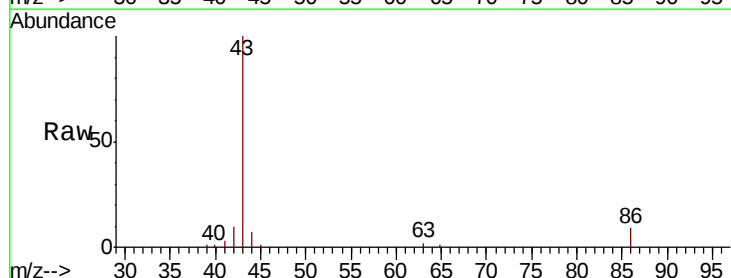
Instrument :
 MSVOA_N
 ClientSampleId :

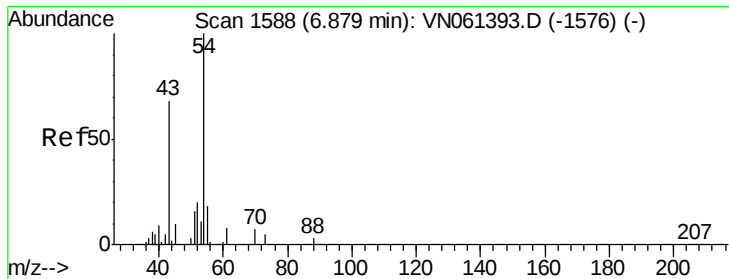
Tot Ion: 83 Resp: 9628
 Ion Ratio Lower Upper
 83 100
 85 62.1 51.0 76.4
 127 6.3 6.6 9.8#



#42
 Vinyl Acetate
 Concen: 26.132 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 43 Resp: 94295
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.5 9.7





#43

Ethyl Acetate

Concen: 4.620 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

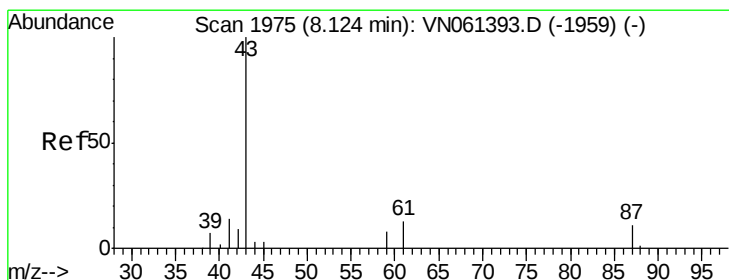
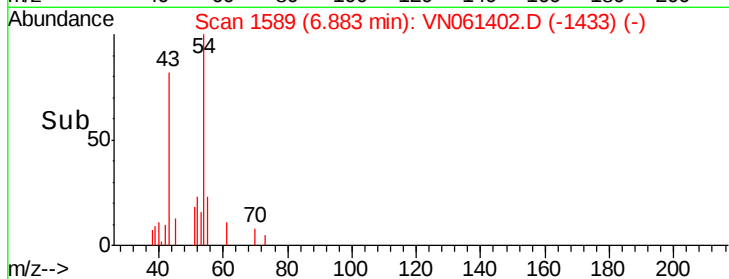
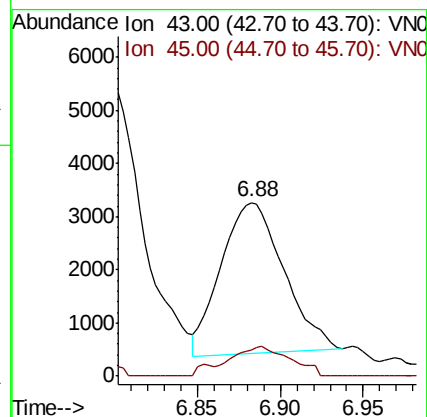
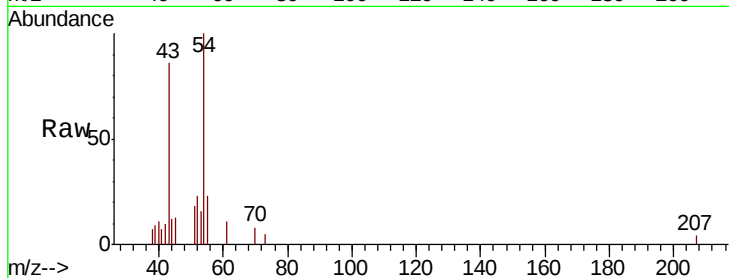
ClientSampled :

Tot Ion: 43 Resp: 7499

Ion Ratio Lower Upper

43 100

45 11.7 9.7 14.5



#44

Isopropyl Acetate

Concen: 5.623 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061402.D

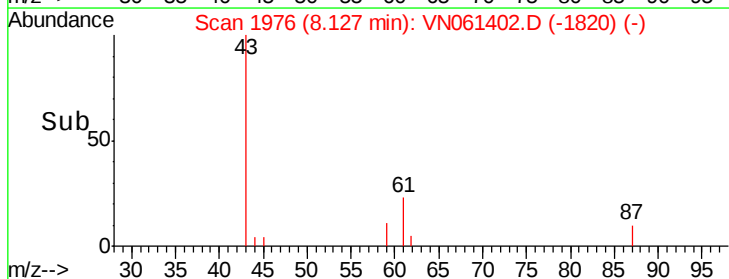
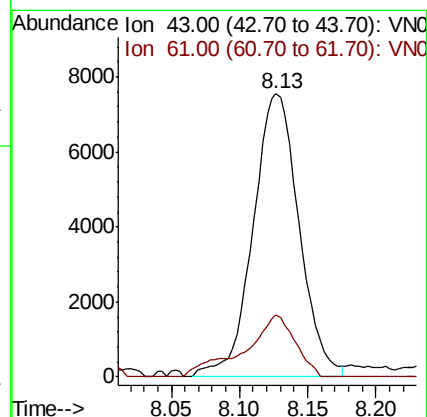
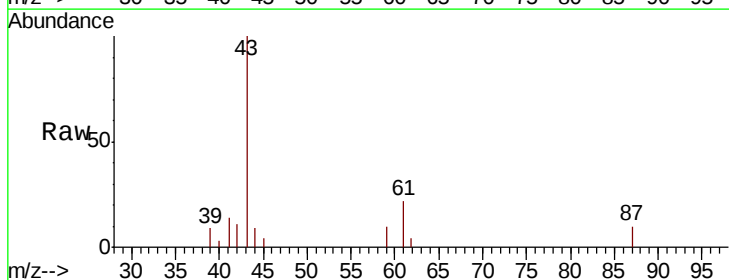
Acq: 14 May 2020 19:16

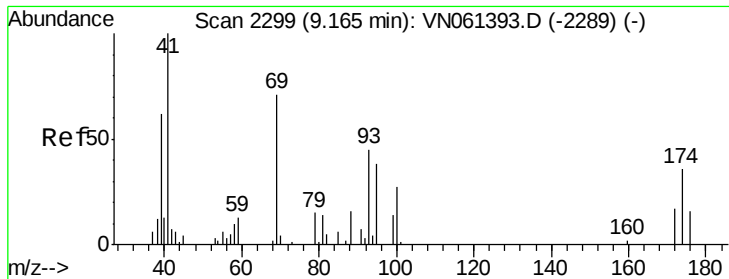
Tgt Ion: 43 Resp: 17719

Ion Ratio Lower Upper

43 100

61 19.4 19.9 29.9#

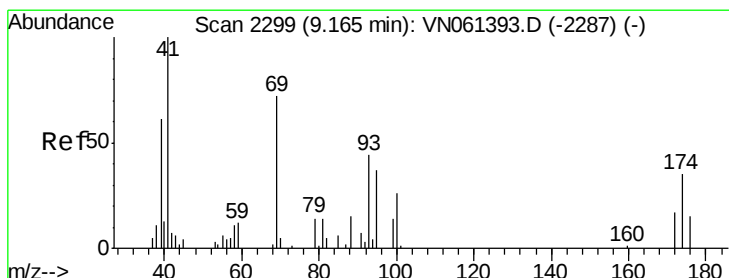
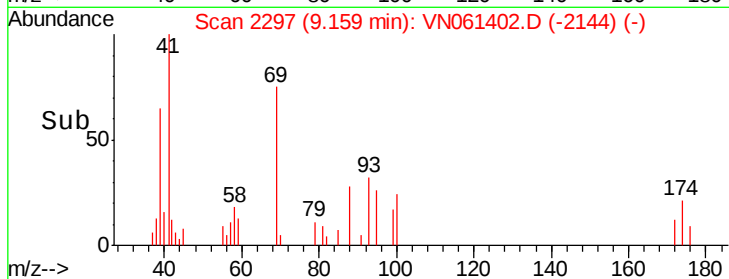
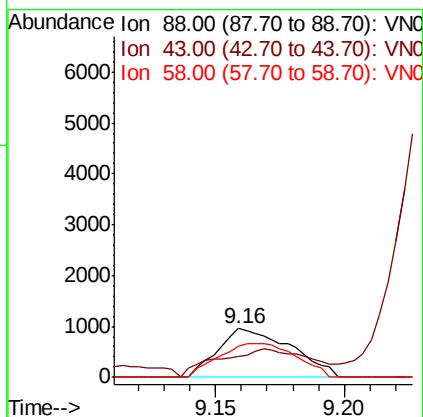
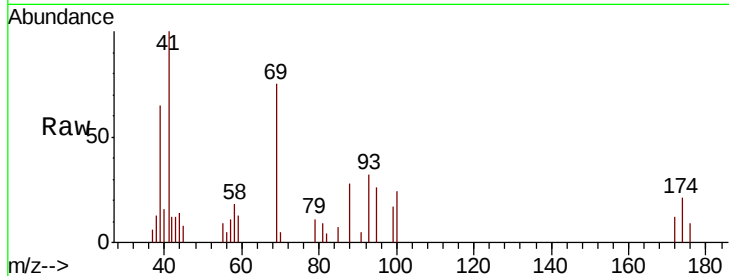




#45
 1,4-Dioxane
 Concen: 152.541 ug/l
 RT: 9.16 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

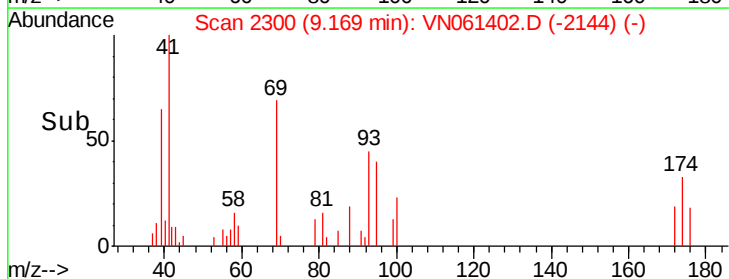
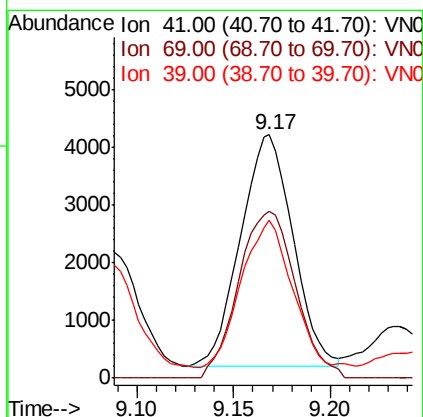
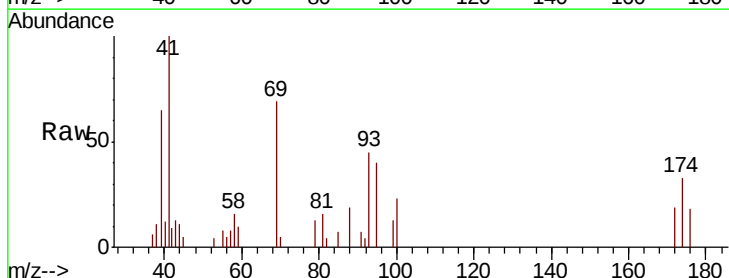
Instrument :
 MSVOA_N
 ClientSampleId :

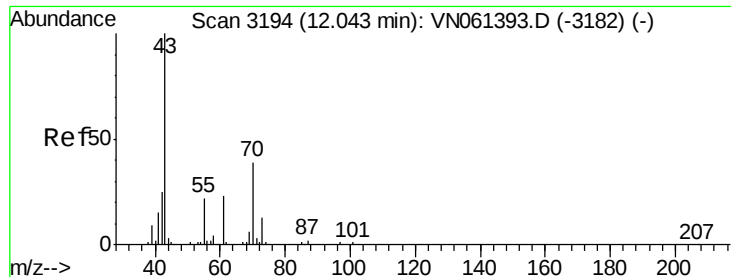
Tot Ion: 88 Resp: 1897
 Ion Ratio Lower Upper
 88 100
 43 74.9 29.8 44.8#
 58 73.6 58.2 87.4



#46
 Methyl methacrylate
 Concen: 5.102 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 41 Resp: 7561
 Ion Ratio Lower Upper
 41 100
 69 72.3 40.2 120.5
 39 62.8 29.9 89.8

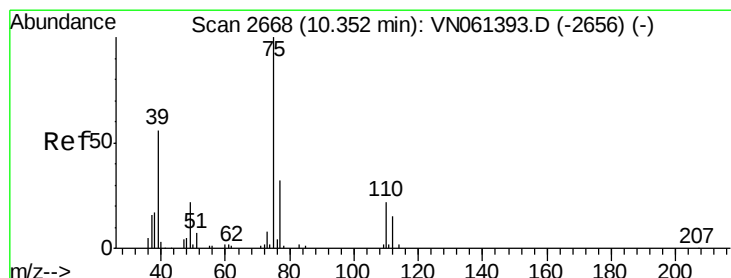
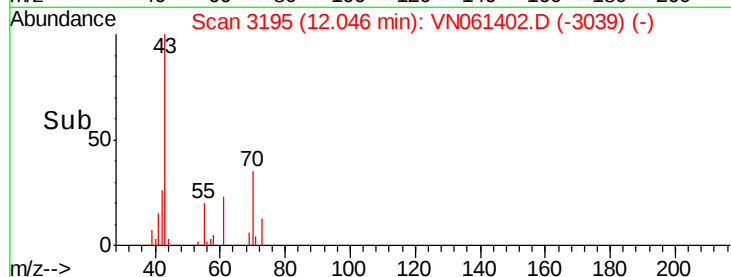
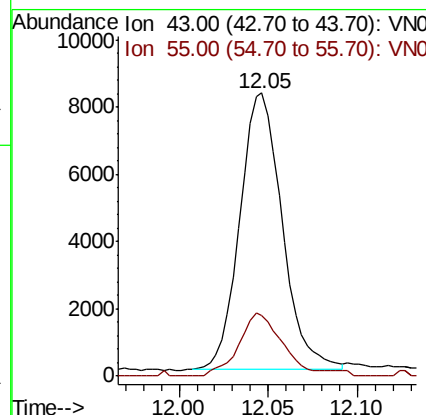
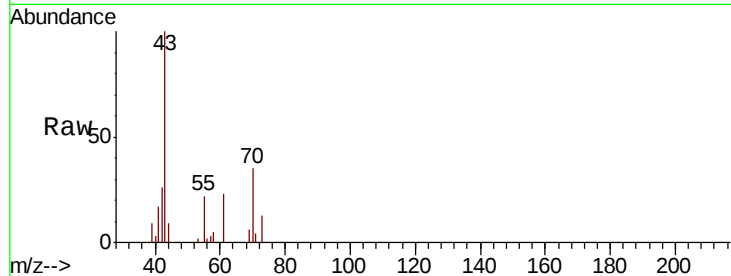




#47
n-amyl Acetate
Concen: 4.808 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

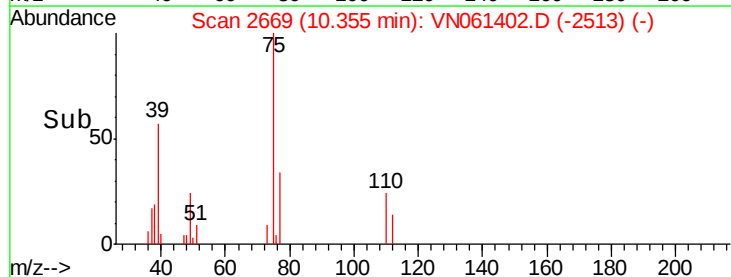
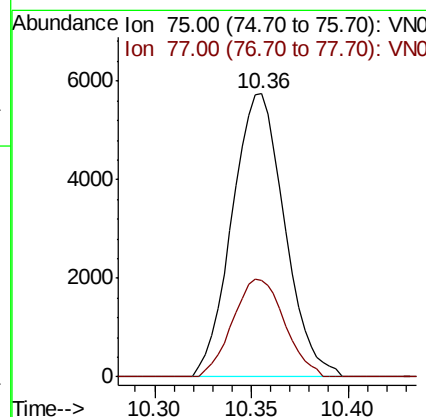
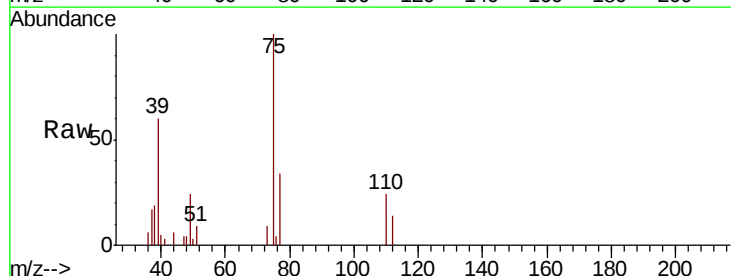
Instrument :
MSVOA_N
ClientSampled :

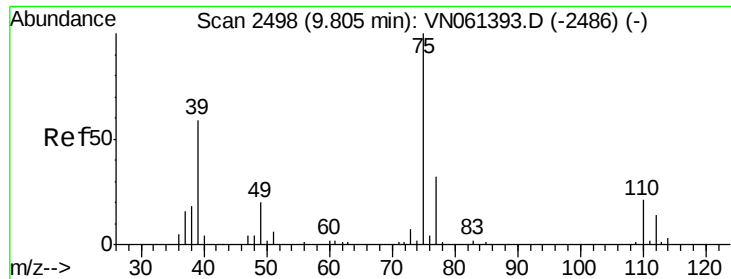
Tot Ion: 43 Resp: 13513
Ion Ratio Lower Upper
43 100
55 23.3 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 4.912 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 75 Resp: 10851
Ion Ratio Lower Upper
75 100
77 33.9 27.0 40.4

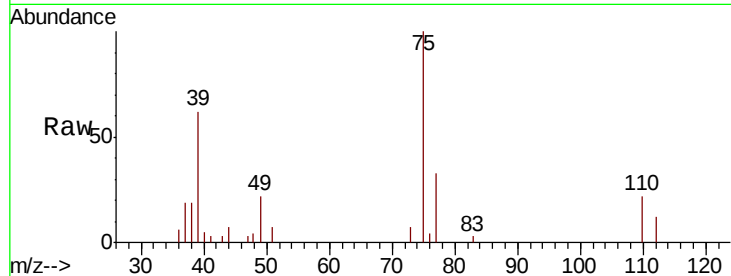




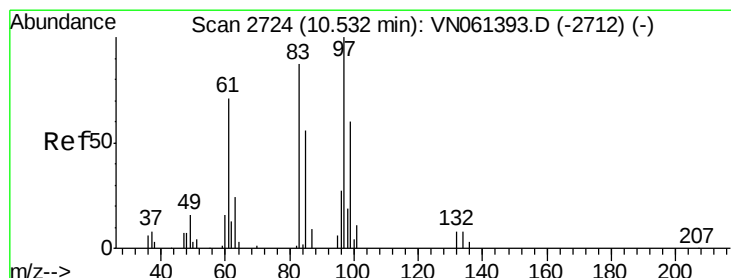
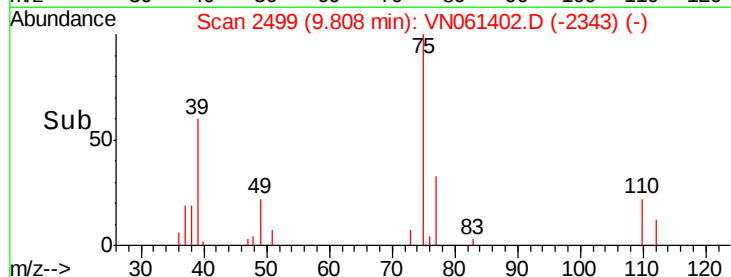
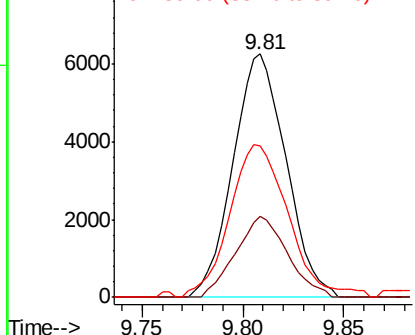
#49
 cis-1,3-Dichloropropene
 Concen: 4.924 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 11505
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.1 39.1
 39 59.7 43.1 64.7

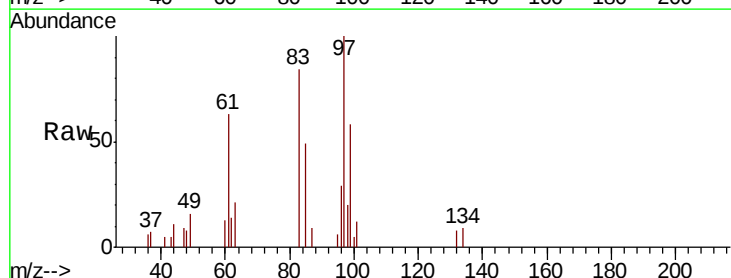


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

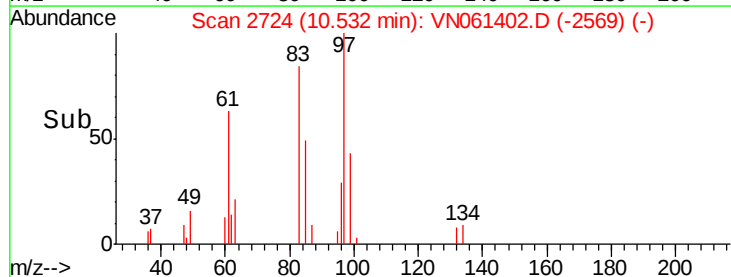
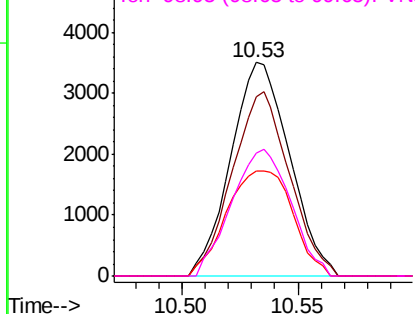


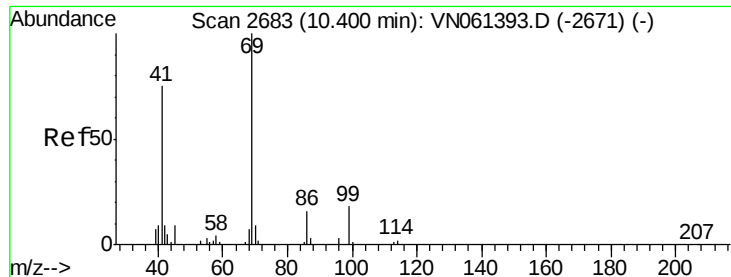
#50
 1,1,2-Trichloroethane
 Concen: 5.179 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 97 Resp: 6179
 Ion Ratio Lower Upper
 97 100
 83 84.0 70.7 106.1
 85 49.0 45.1 67.7
 99 57.8 48.2 72.4



Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 82.95 (82.65 to 83.65): VN0
 Ion 84.95 (84.65 to 85.65): VN0
 Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 5.062 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

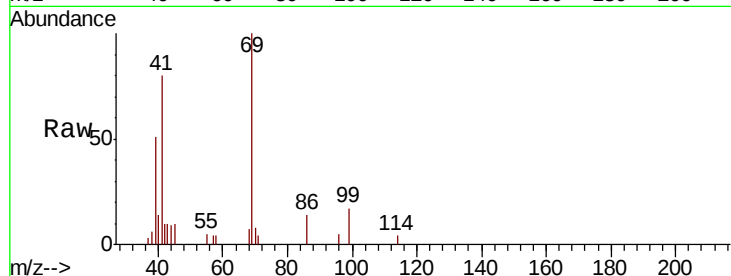
Tot Ion: 69 Resp: 10405

Ion Ratio Lower Upper

69 100

41 77.0 34.7 104.1

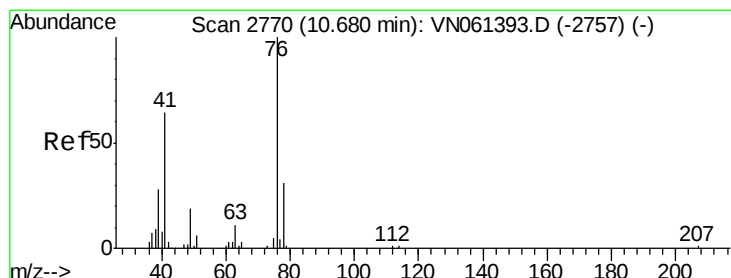
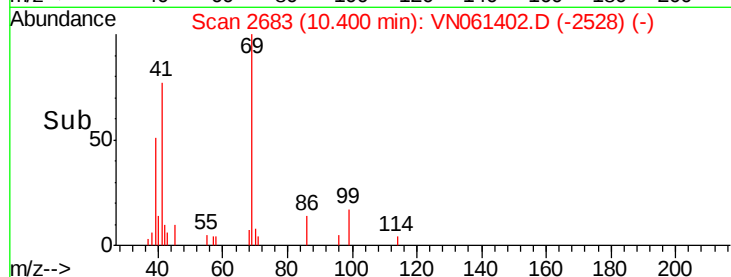
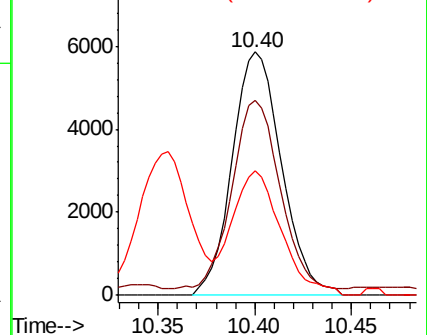
39 51.1 20.3 60.8



Abundance Ion 69.00 (68.70 to 69.70): VN061393.D (-2671) (-)

Ion 41.00 (40.70 to 41.70): VN061393.D (-2671) (-)

Ion 39.00 (38.70 to 39.70): VN061393.D (-2671) (-)



#52

1,3-Dichloropropane

Concen: 5.168 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN061402.D

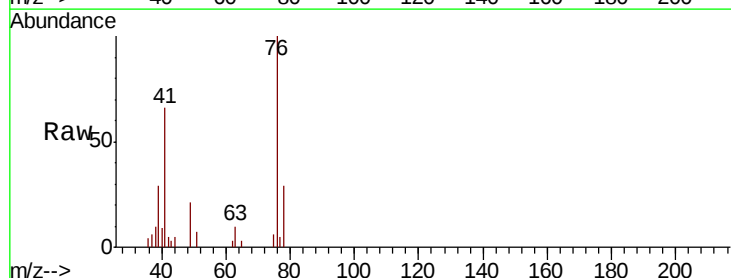
Acq: 14 May 2020 19:16

Tgt Ion: 76 Resp: 11260

Ion Ratio Lower Upper

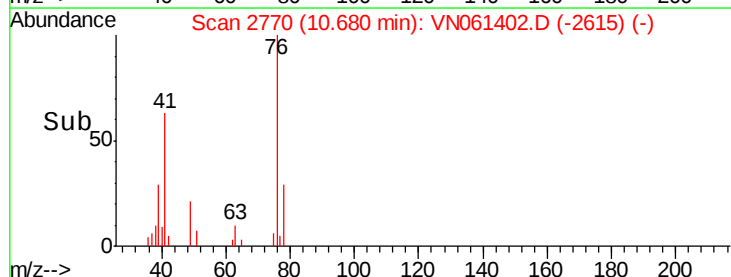
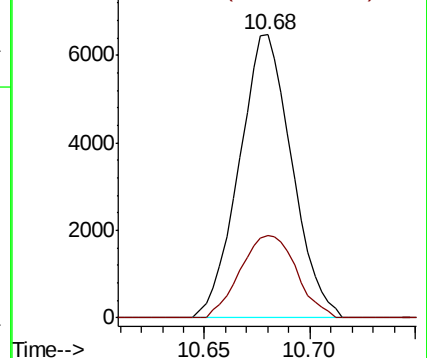
76 100

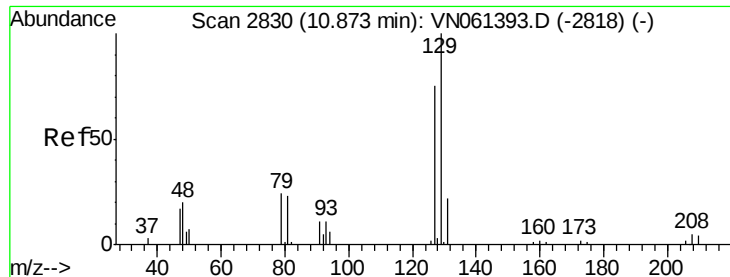
78 30.9 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN061393.D (-2757) (-)

Ion 78.00 (77.70 to 78.70): VN061393.D (-2757) (-)





#53

Dibromochloromethane

Concen: 4.483 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

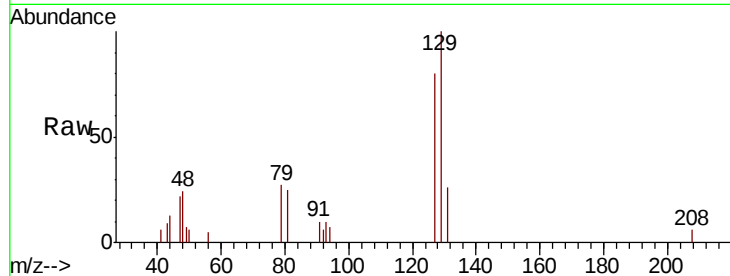
ClientSampleId :

Tot Ion:129 Resp: 5861

Ion Ratio Lower Upper

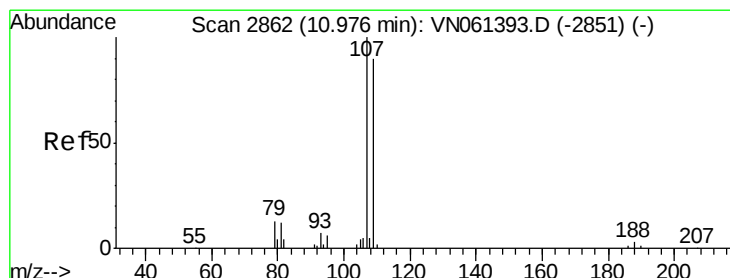
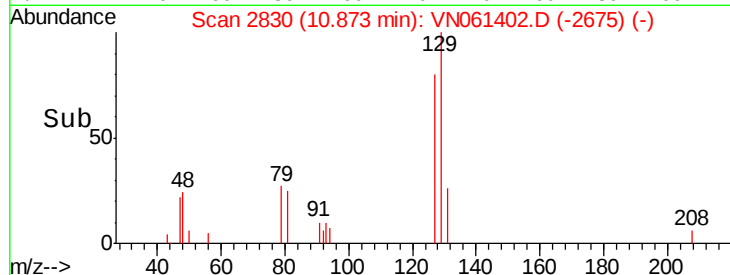
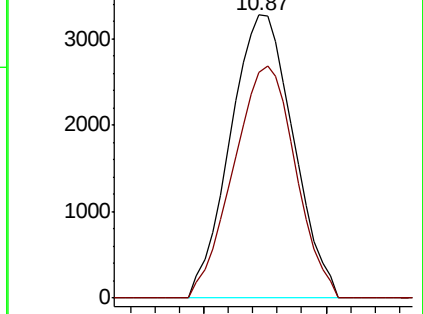
129 100

127 80.7 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.848 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061402.D

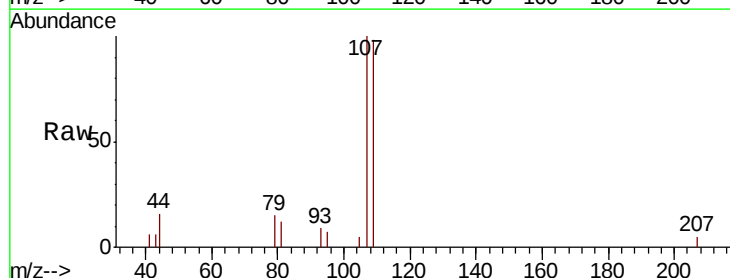
Acq: 14 May 2020 19:16

Tgt Ion:107 Resp: 5968

Ion Ratio Lower Upper

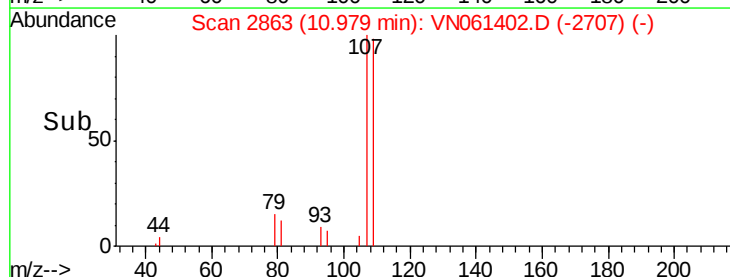
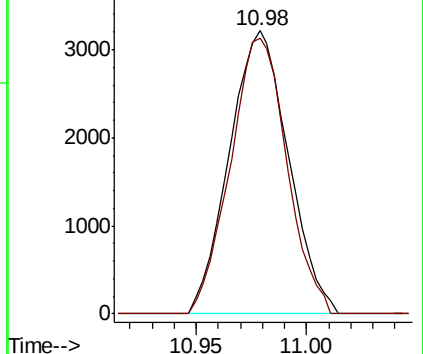
107 100

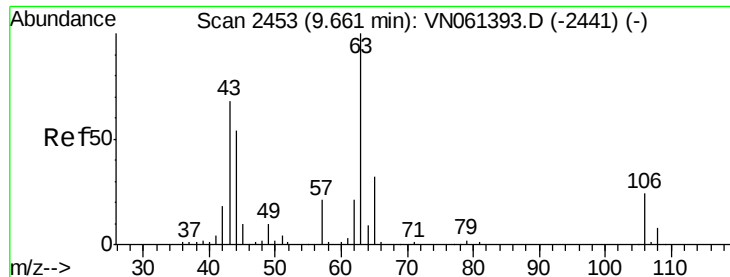
109 93.2 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

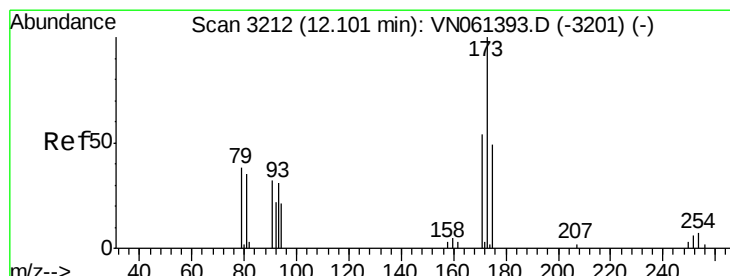
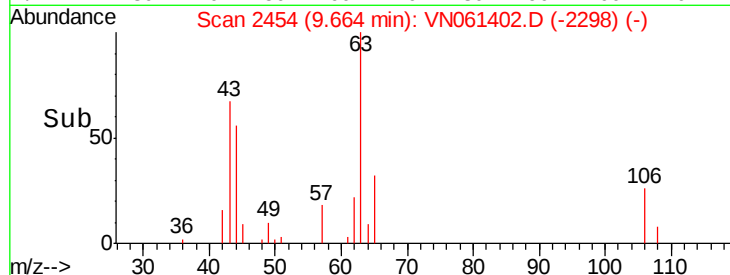
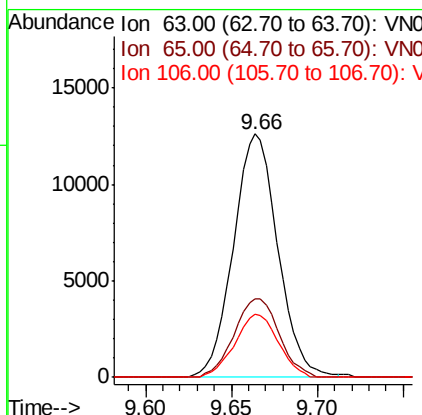
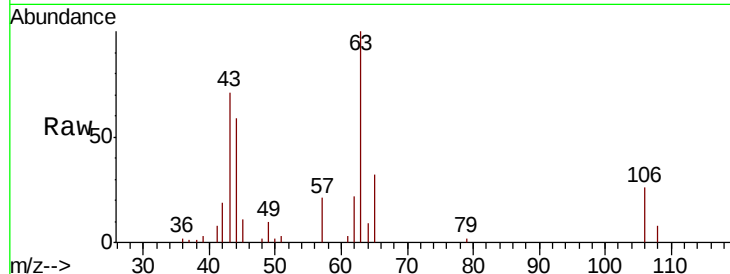




#55
2-Chloroethyl vinyl ether
Concen: 24.849 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

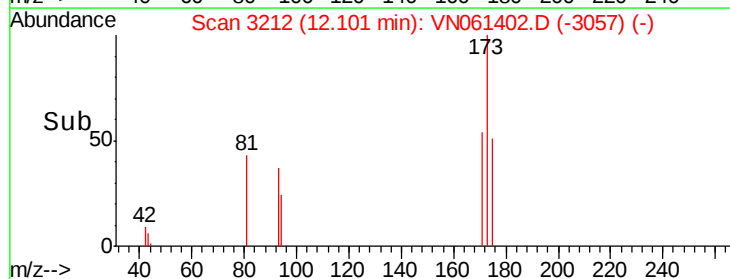
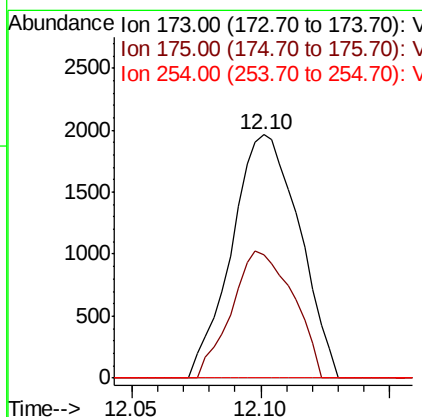
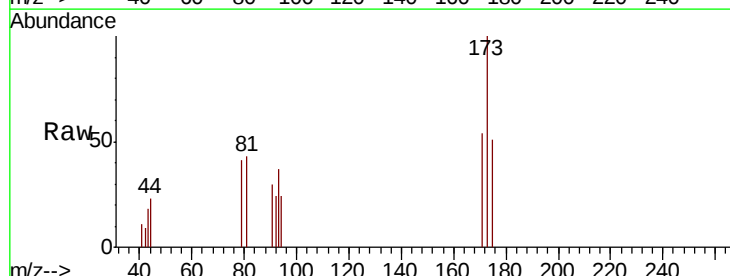
Instrument :
MSVOA_N
ClientSampleId :

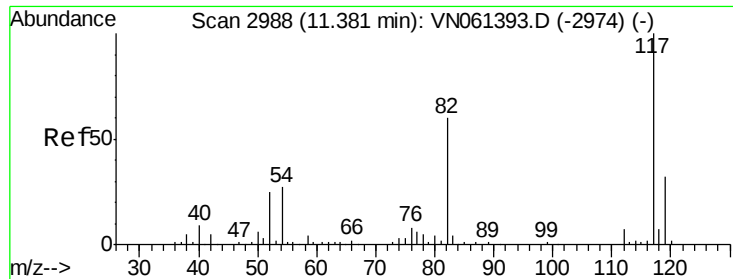
Tot Ion: 63 Resp: 22606
Ion Ratio Lower Upper
63 100
65 32.6 25.3 37.9
106 25.2 19.8 29.6



#56
Bromoform
Concen: 4.367 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 173 Resp: 3590
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 0.0 7.4 11.2#

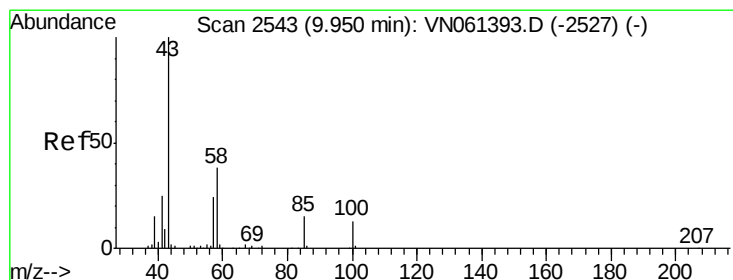
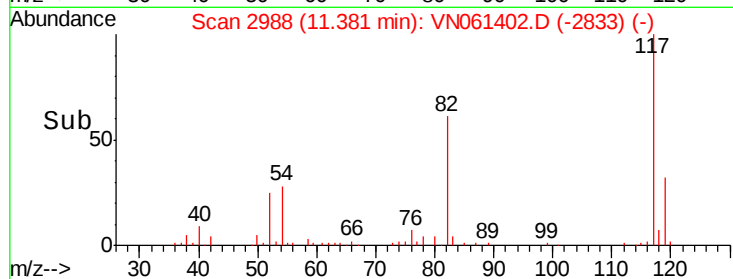
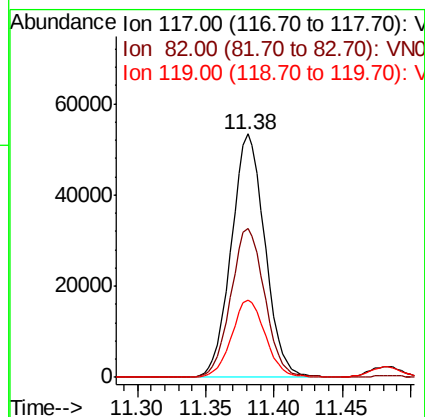
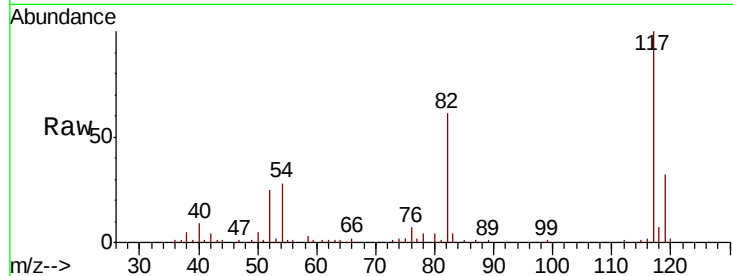




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

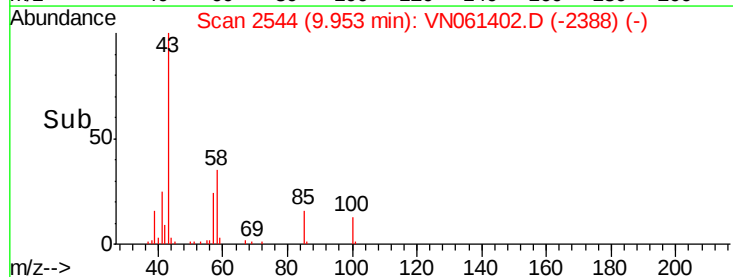
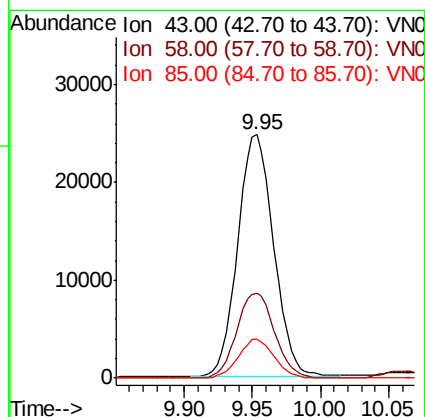
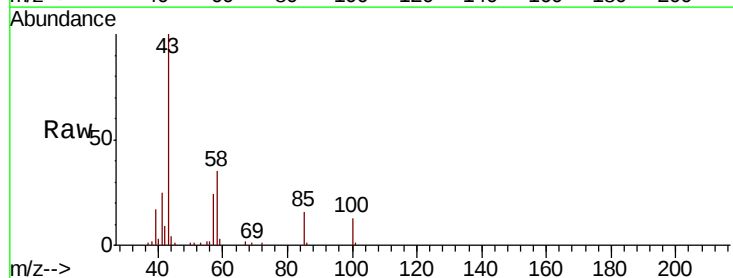
Instrument :
MSVOA_N
ClientSampled :

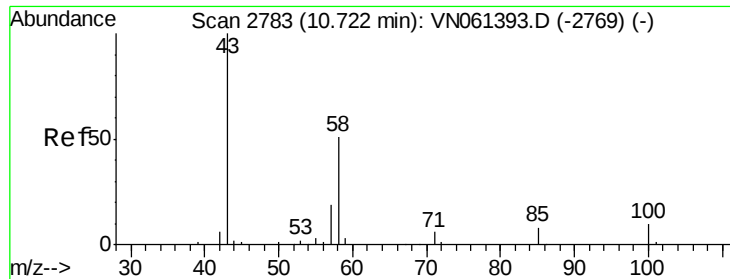
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	46.9	70.3
119	31.6	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 27.154 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.1	45.1
85	15.9	13.2	19.8

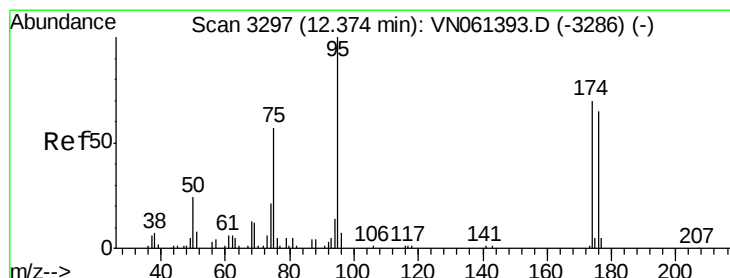
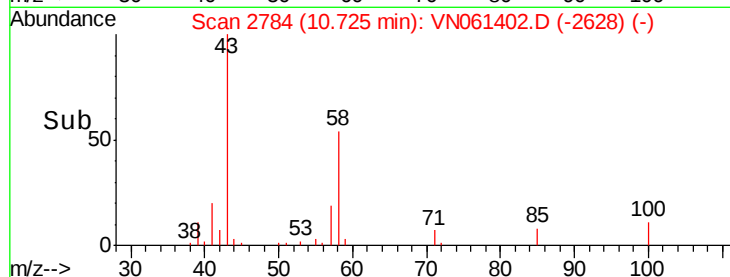
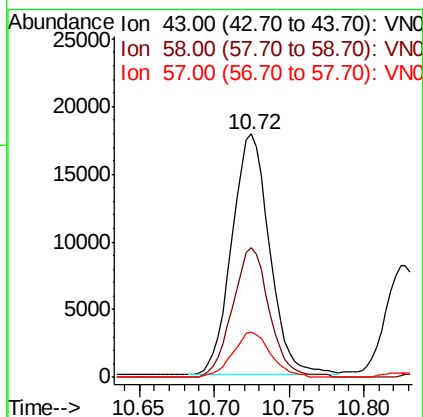
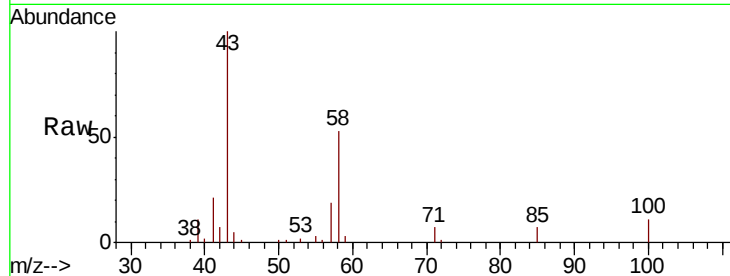




#59
2-Hexanone
Concen: 26.616 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

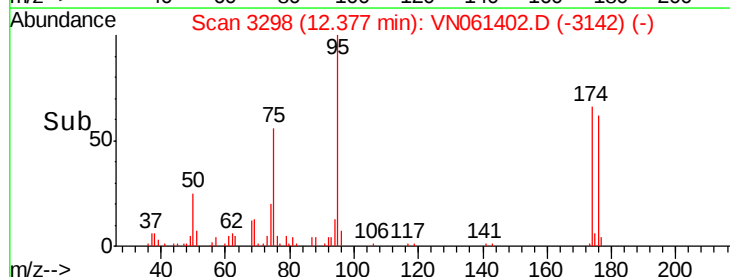
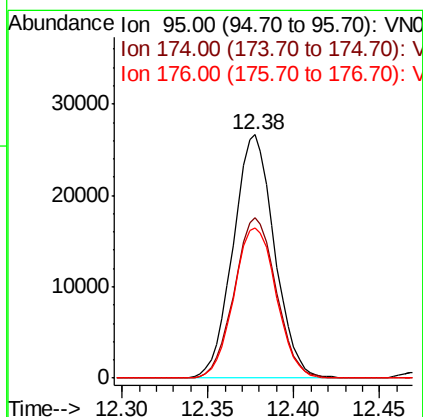
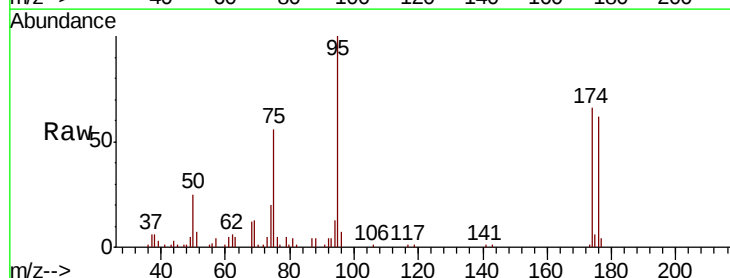
Instrument :
MSVOA_N
ClientSampled :

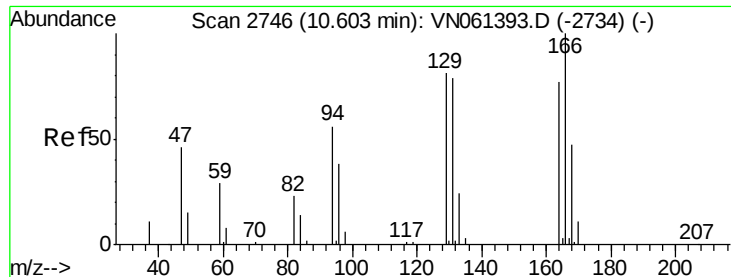
Tot Ion: 43 Resp: 31445
Ion Ratio Lower Upper
43 100
58 51.9 41.4 62.0
57 18.8 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 28.421 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 95 Resp: 44473
Ion Ratio Lower Upper
95 100
174 66.6 59.9 89.9
176 63.1 58.3 87.5

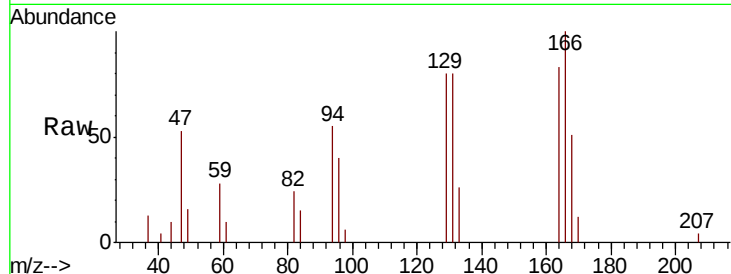




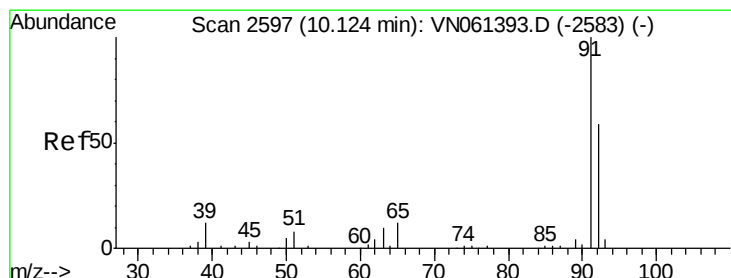
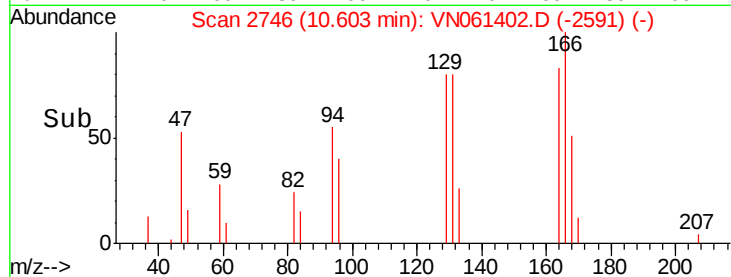
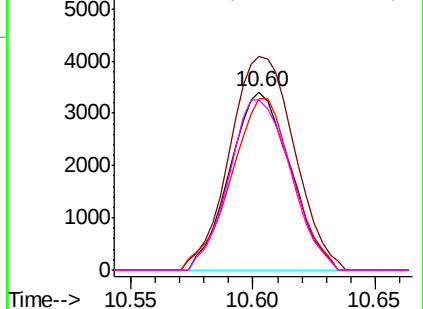
#61
Tetrachloroethene
Concen: 5.127 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:164 Resp: 5877
Ion Ratio Lower Upper
164 100
166 114.6 101.4 152.2
129 96.1 78.1 117.1
131 95.9 73.2 109.8

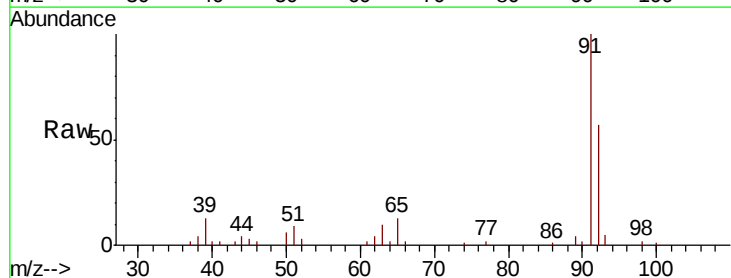


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

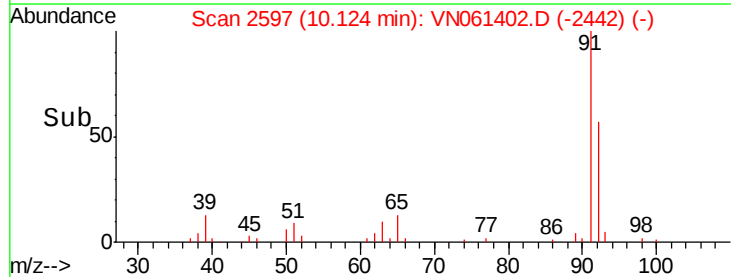
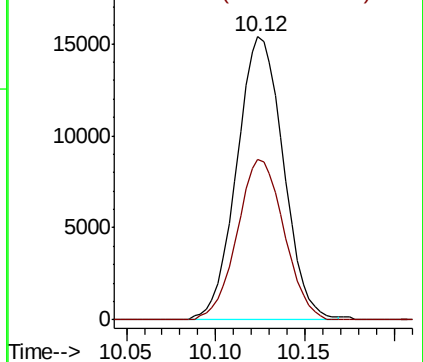


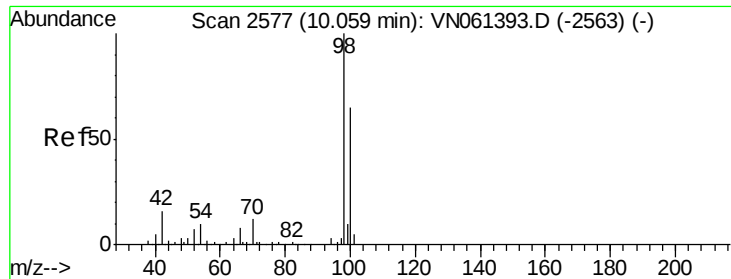
#62
Toluene
Concen: 5.271 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion: 91 Resp: 28015
Ion Ratio Lower Upper
91 100
92 56.9 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.858 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

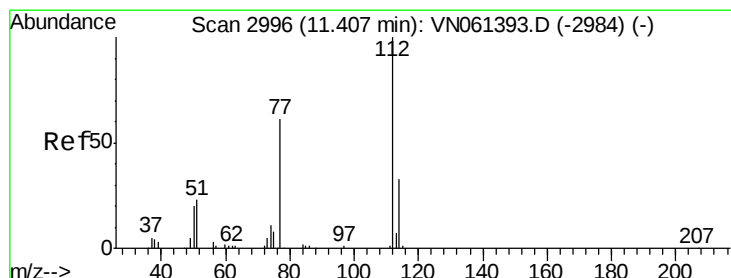
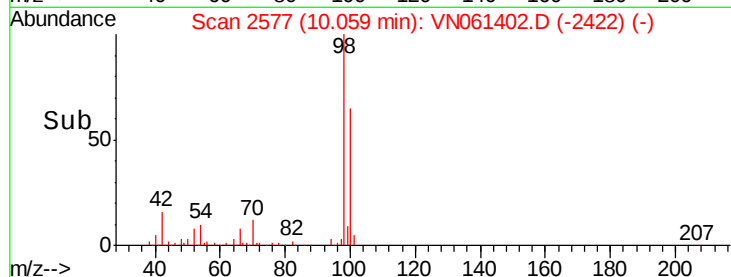
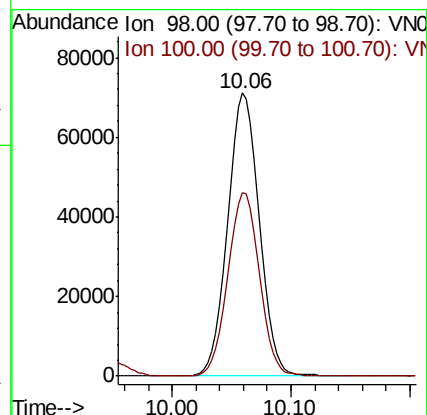
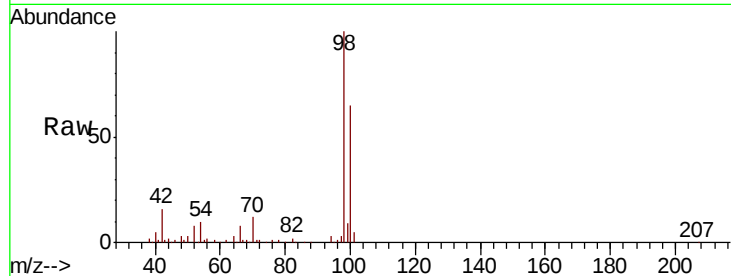
ClientSampleId :

Tot Ion: 98 Resp: 130956

Ion Ratio Lower Upper

98 100

100 64.9 50.6 75.8



#64

Chlorobenzene

Concen: 5.018 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061402.D

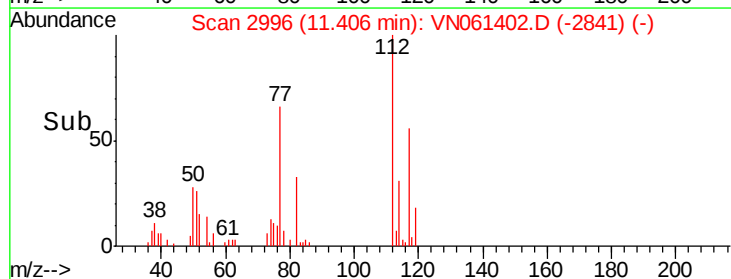
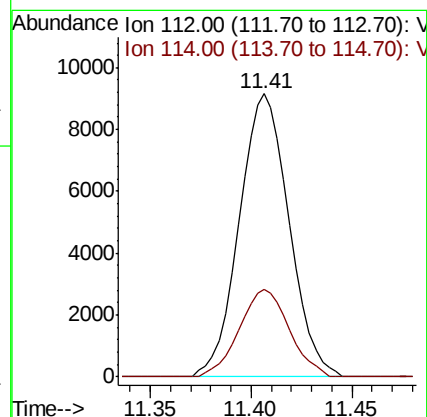
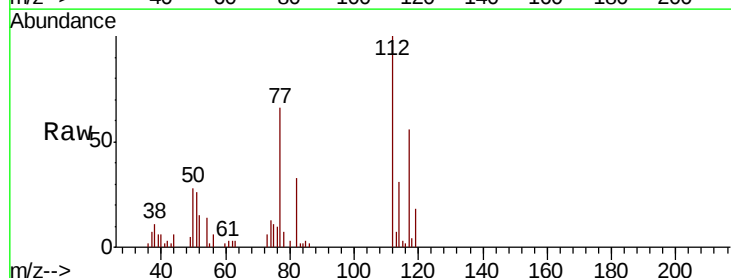
Acq: 14 May 2020 19:16

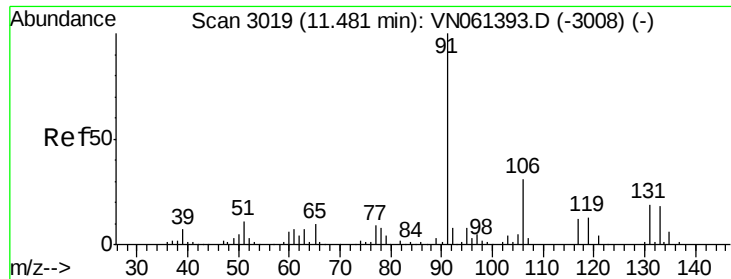
Tgt Ion: 112 Resp: 15785

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 5.077 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

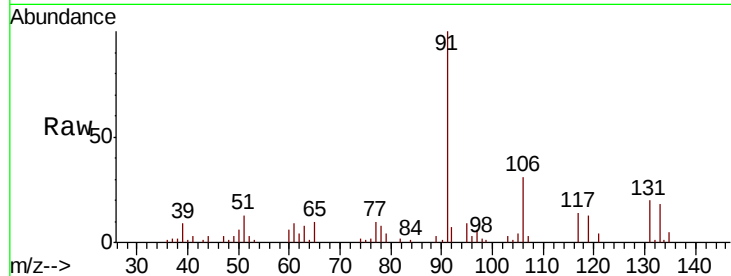
Tot Ion:131 Resp: 5836

Ion Ratio Lower Upper

131 100

133 94.5 0.0 194.0

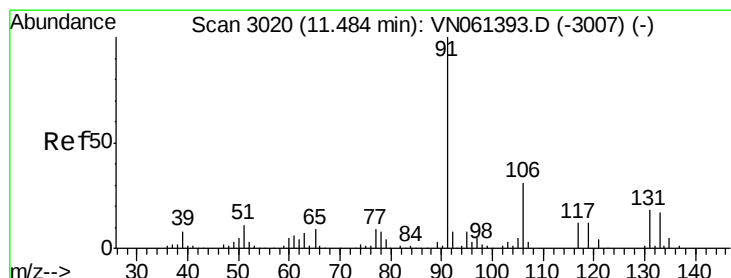
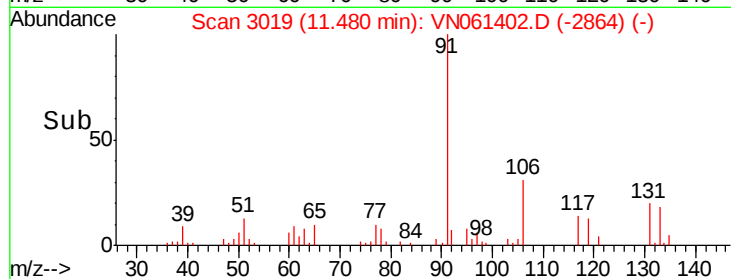
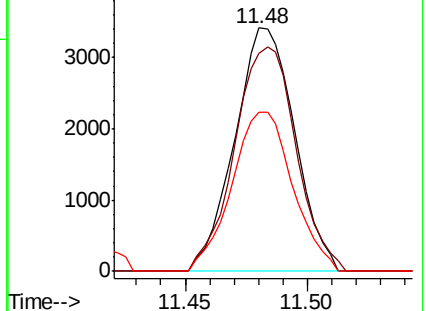
119 66.2 0.0 136.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 5.053 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN061402.D

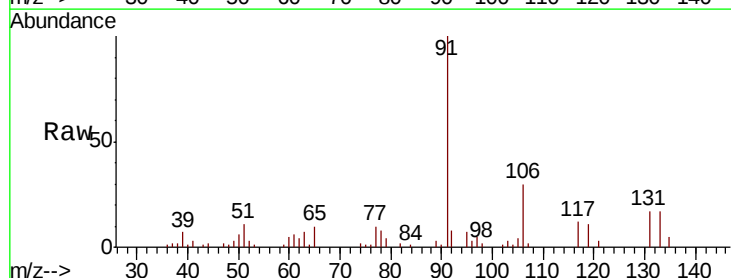
Acq: 14 May 2020 19:16

Tgt Ion: 91 Resp: 30822

Ion Ratio Lower Upper

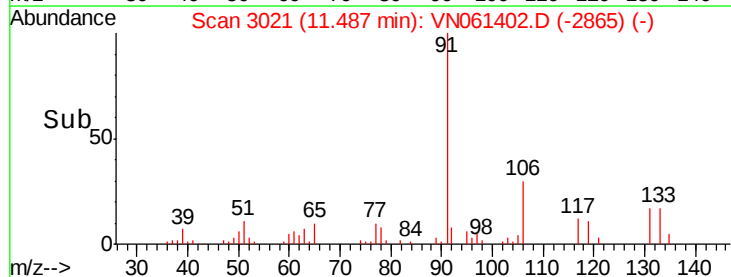
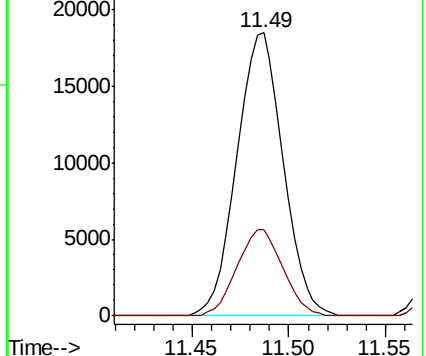
91 100

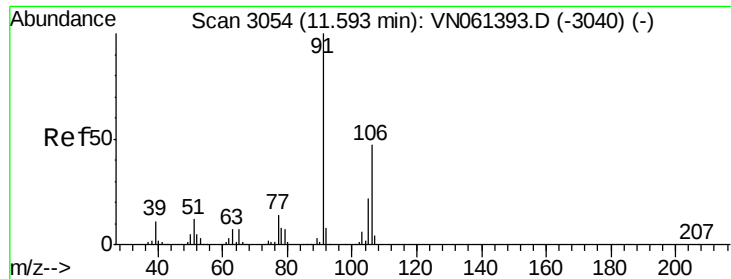
106 30.4 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 9.806 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

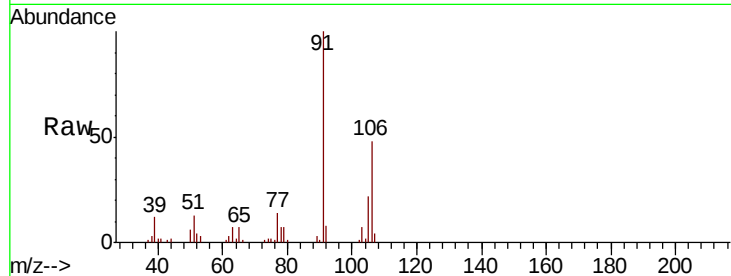
ClientSampled :

Tot Ion:106 Resp: 22085

Ion Ratio Lower Upper

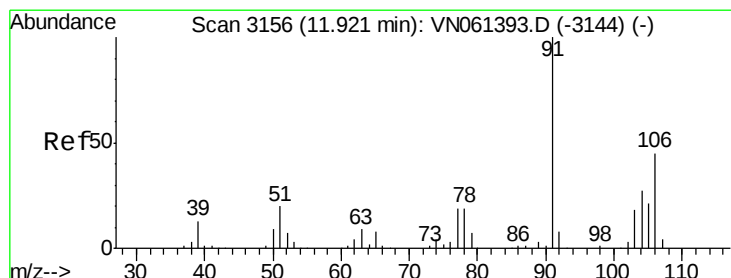
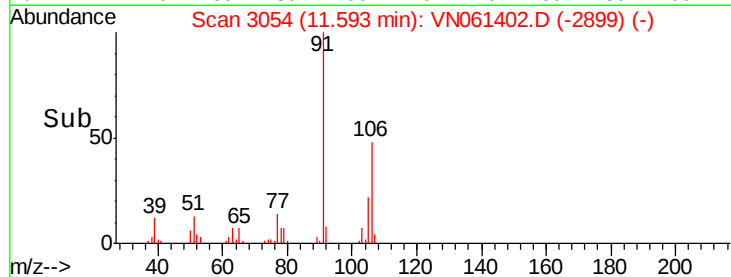
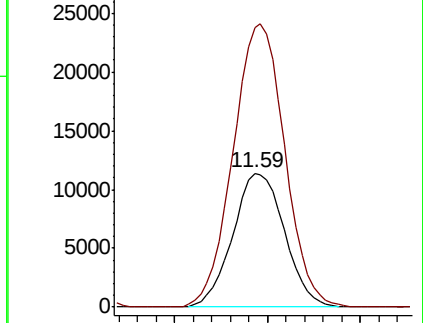
106 100

91 211.3 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 4.909 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061402.D

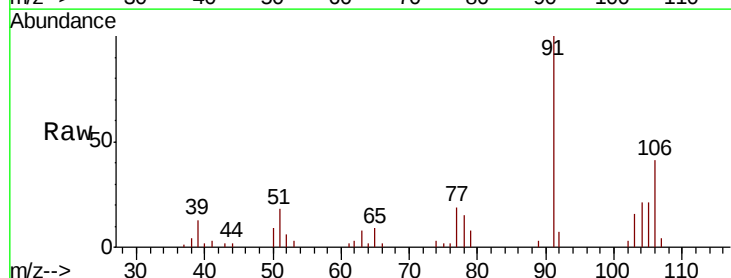
Acq: 14 May 2020 19:16

Tgt Ion:106 Resp: 10553

Ion Ratio Lower Upper

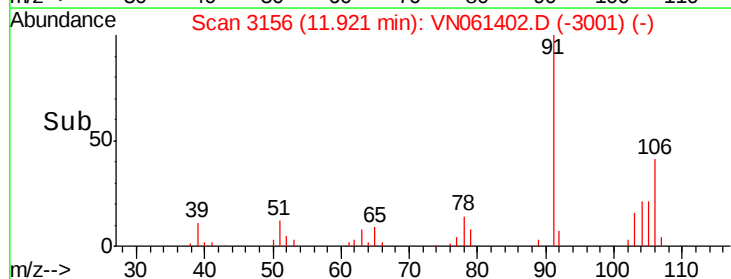
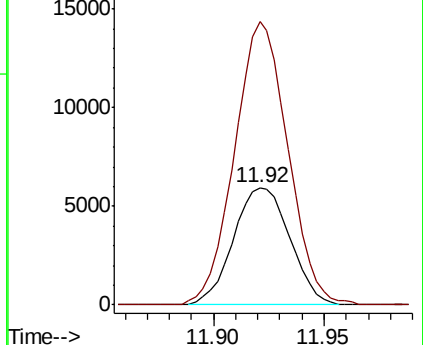
106 100

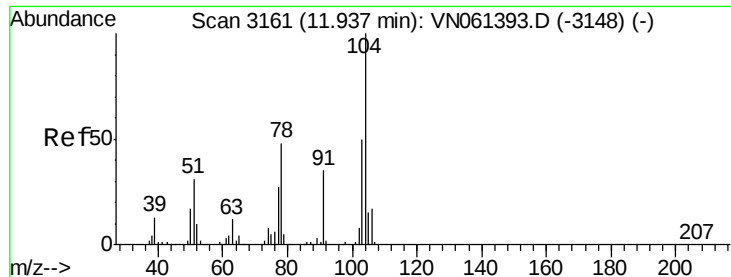
91 228.6 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

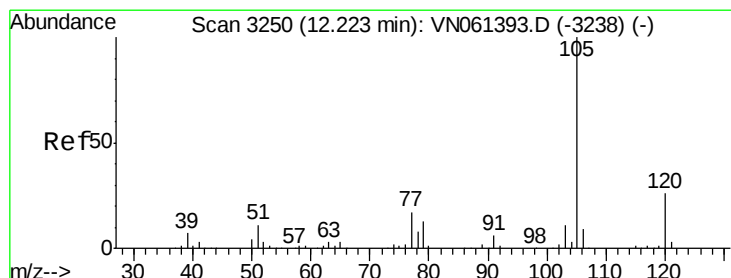
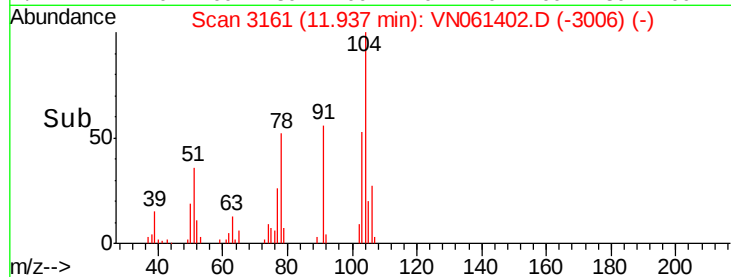
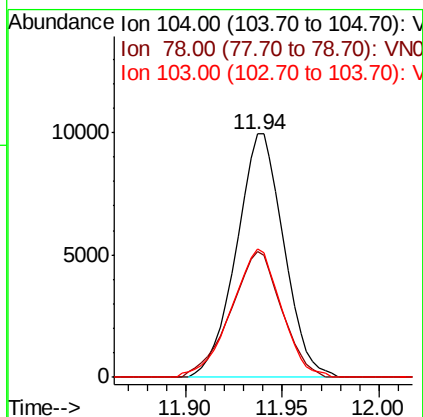
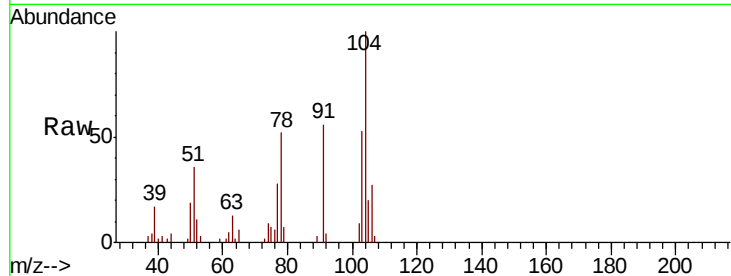




#69
Stvrene
Concen: 4.598 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

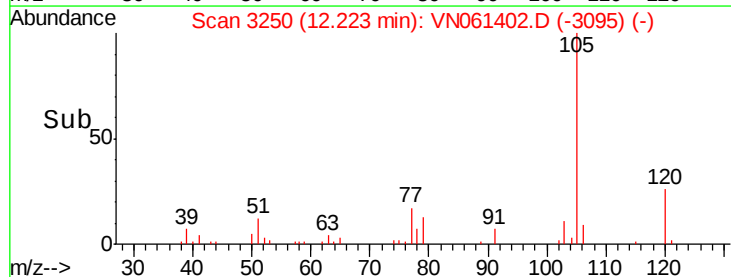
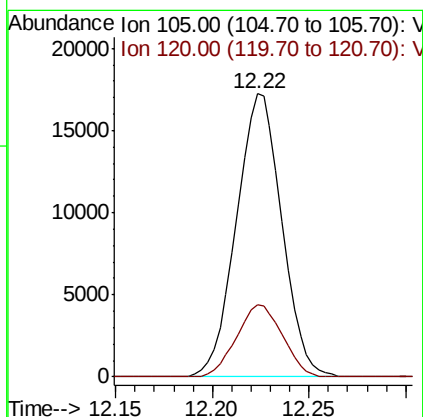
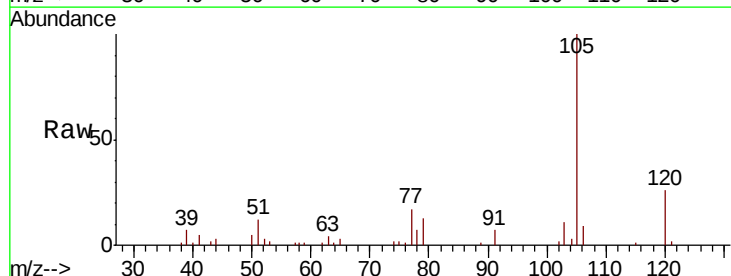
Instrument :
MSVOA_N
ClientSampled :

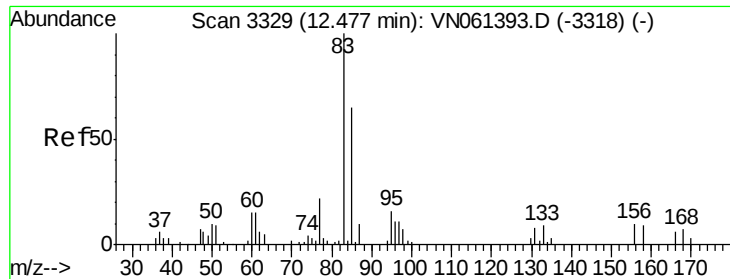
Tot Ion:104 Resp: 17007
Ion Ratio Lower Upper
104 100
78 55.4 42.4 63.6
103 55.5 44.6 66.8



#70
Isopropylbenzene
Concen: 4.833 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion:105 Resp: 28146
Ion Ratio Lower Upper
105 100
120 25.7 18.4 34.2

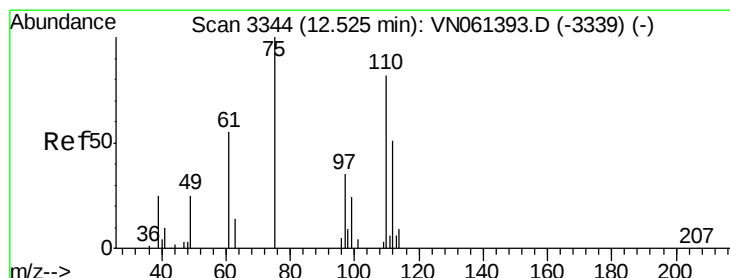
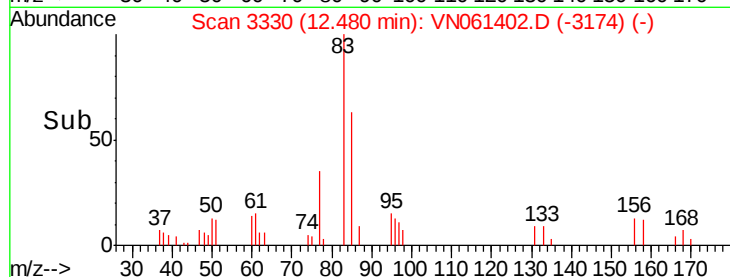
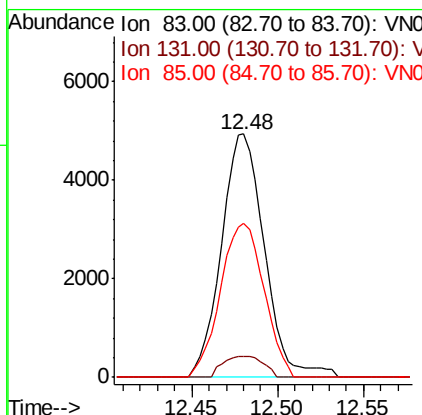
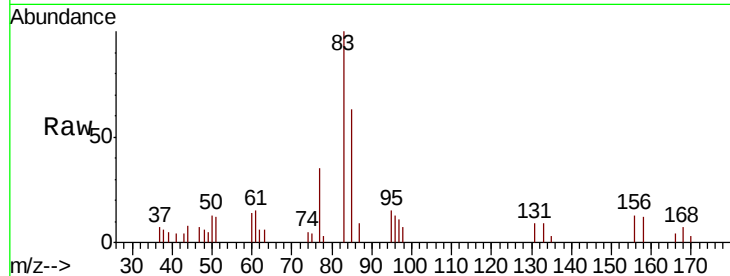




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.350 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

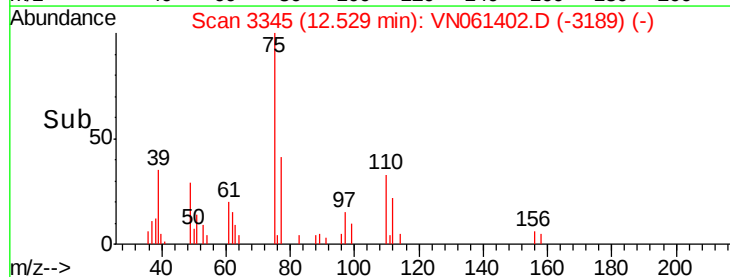
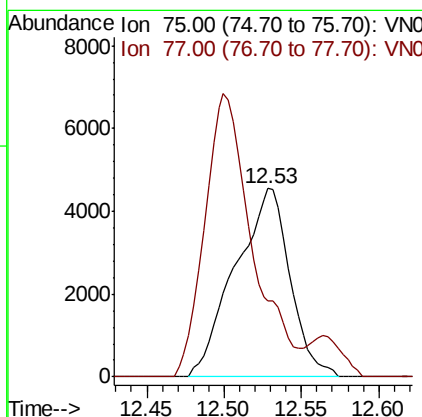
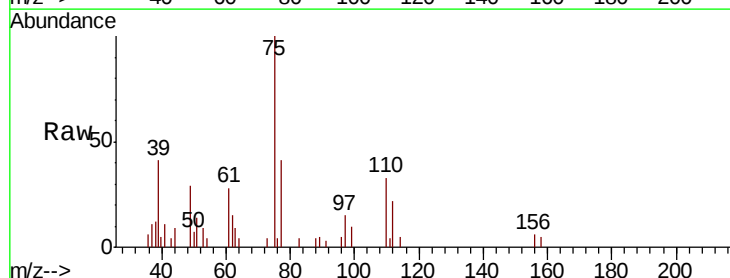
Instrument :
 MSVOA_N
 ClientSampleId :

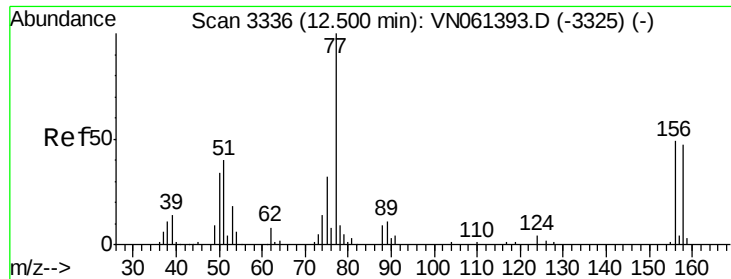
Tot Ion: 83 Resp: 8608
 Ion Ratio Lower Upper
 83 100
 131 8.1 4.9 14.7
 85 63.9 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 7.322 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 75 Resp: 11236
 Ion Ratio Lower Upper
 75 100
 77 117.5 0.0 359.4





#73

Bromobenzene

Concen: 4.708 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampled :

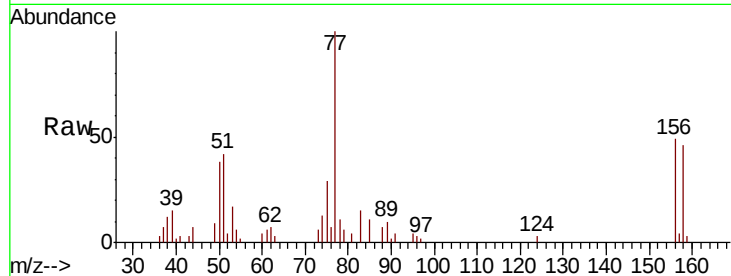
Tot Ion:156 Resp: 5695

Ion Ratio Lower Upper

156 100

77 231.8 0.0 456.0

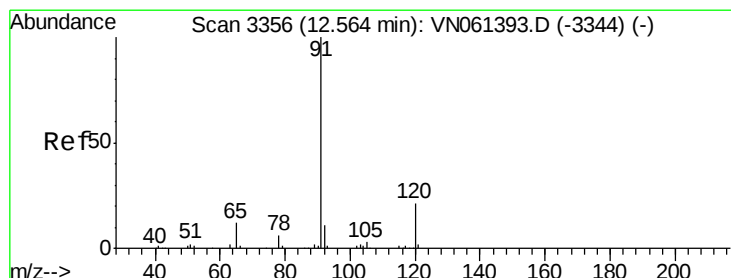
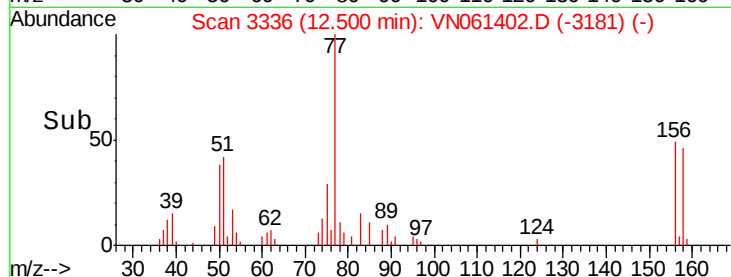
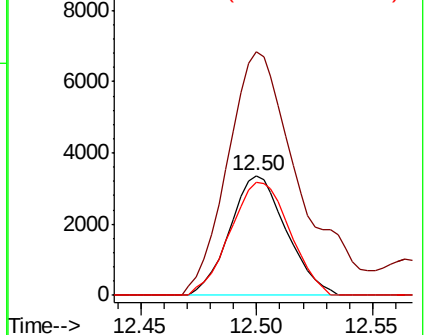
158 99.4 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.856 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061402.D

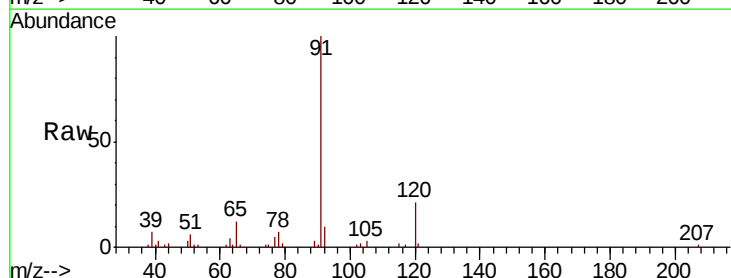
Acq: 14 May 2020 19:16

Tgt Ion: 91 Resp: 33629

Ion Ratio Lower Upper

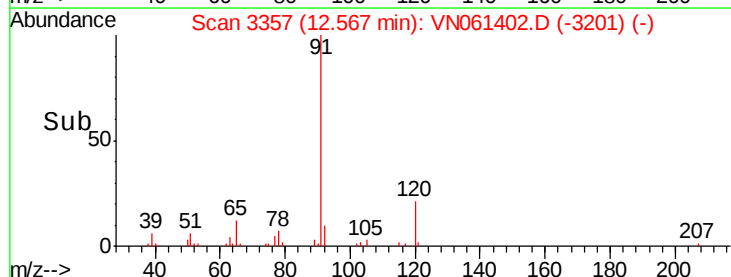
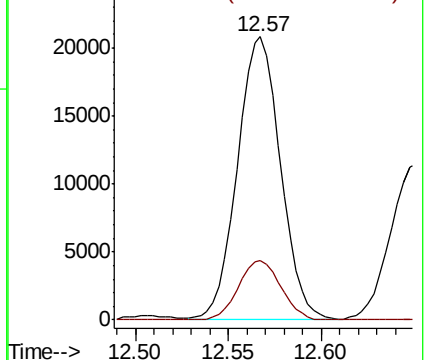
91 100

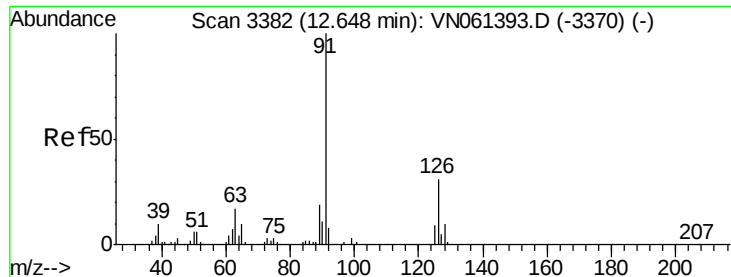
120 20.5 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.833 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

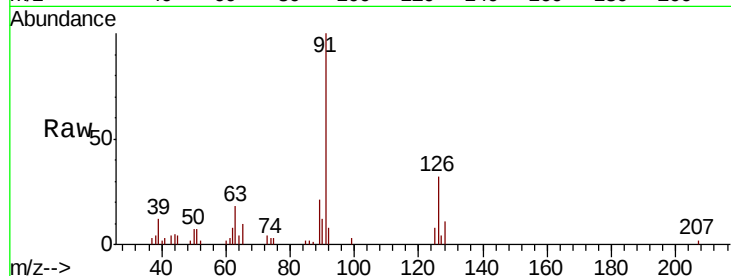
ClientSampleId :

Tot Ion: 91 Resp: 19193

Ion Ratio Lower Upper

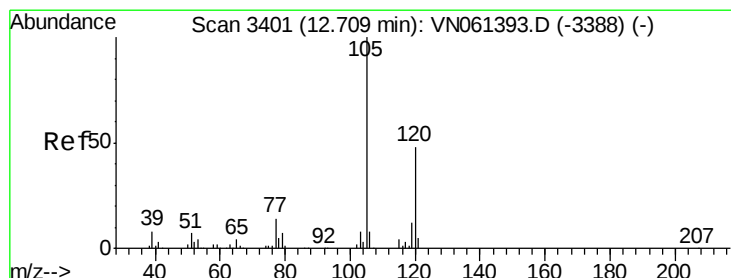
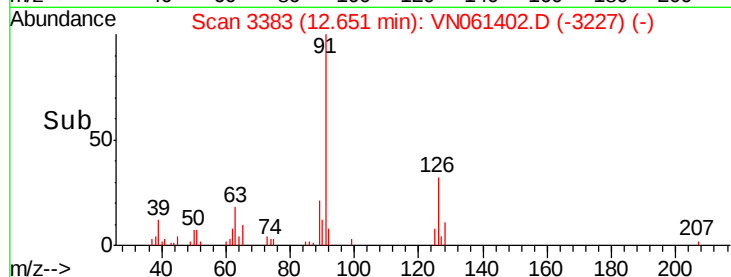
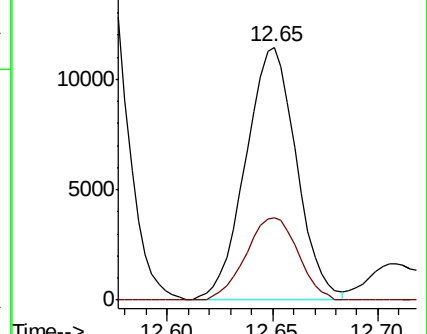
91 100

126 33.3 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN061393.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN061393.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.834 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061402.D

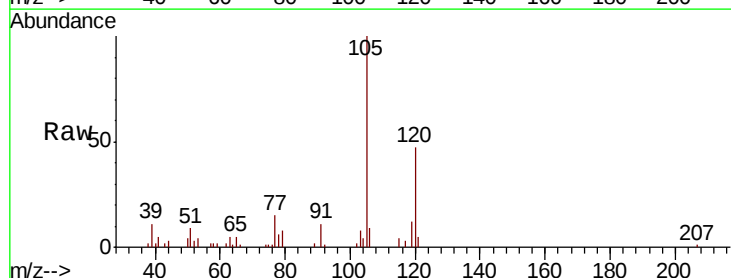
Acq: 14 May 2020 19:16

Tgt Ion: 105 Resp: 23628

Ion Ratio Lower Upper

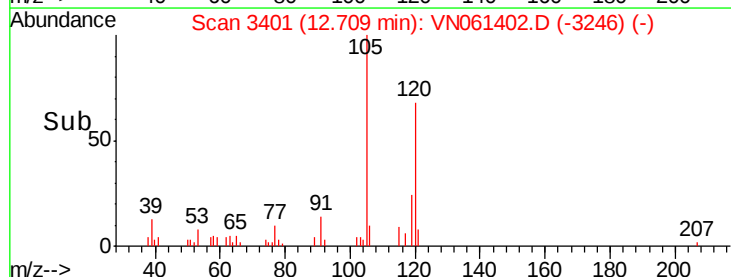
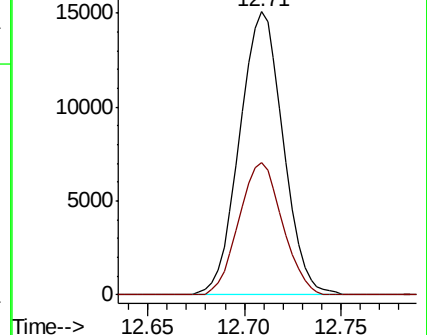
105 100

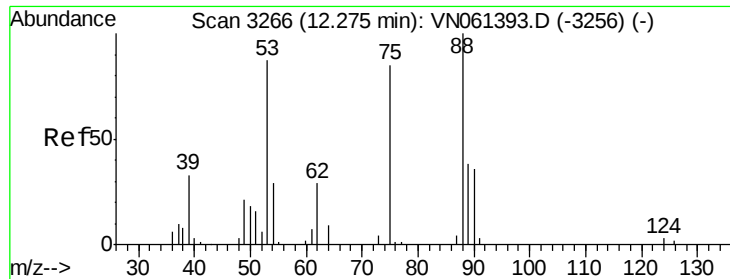
120 46.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN061393.D (-3388) (-)

Ion 120.00 (119.70 to 120.70): VN061393.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.396 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

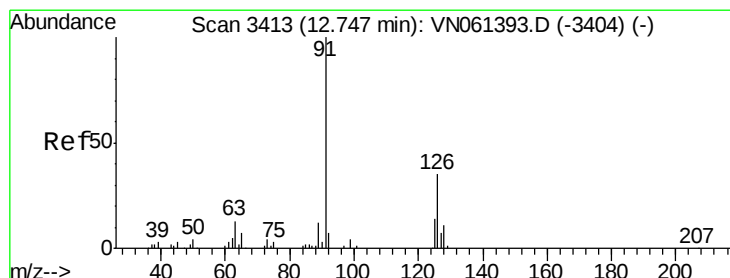
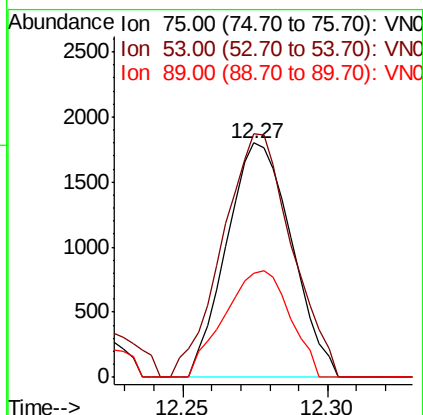
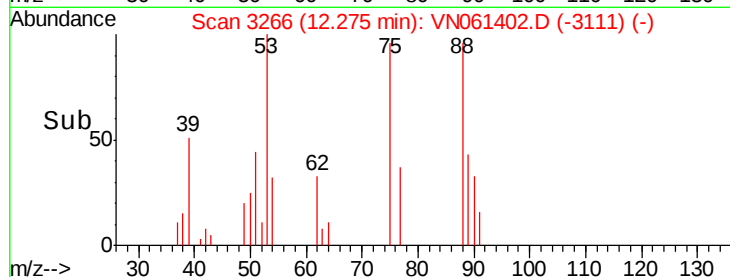
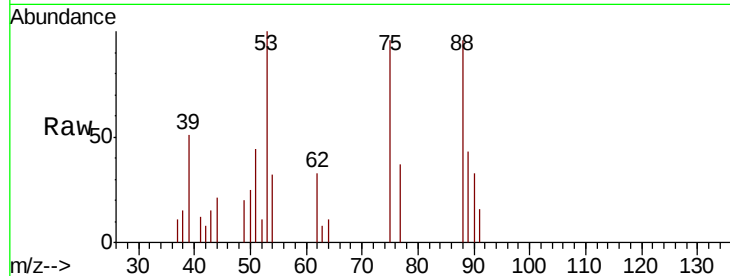
Tot Ion: 75 Resp: 2808

Ion Ratio Lower Upper

75 100

53 103.8 50.0 150.0

89 44.3 20.7 62.1



#78

4-Chlorotoluene

Concen: 4.747 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061402.D

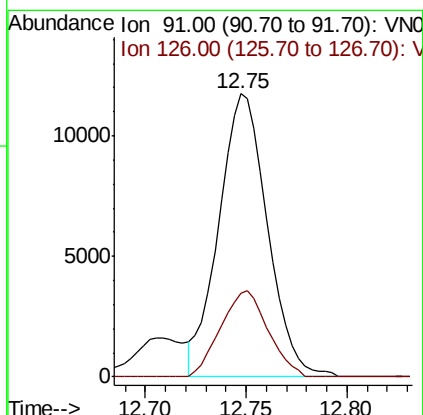
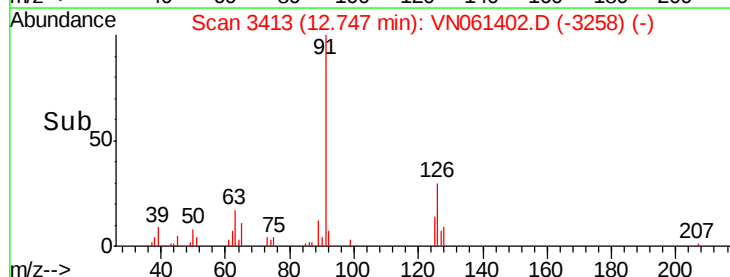
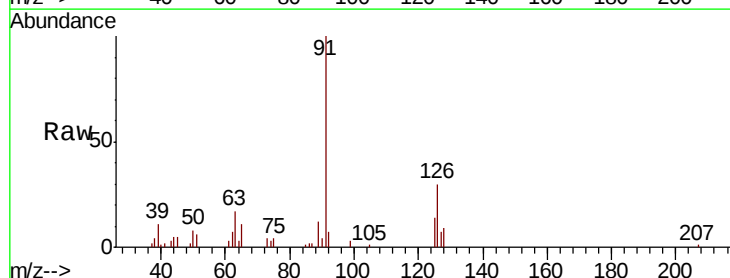
Acq: 14 May 2020 19:16

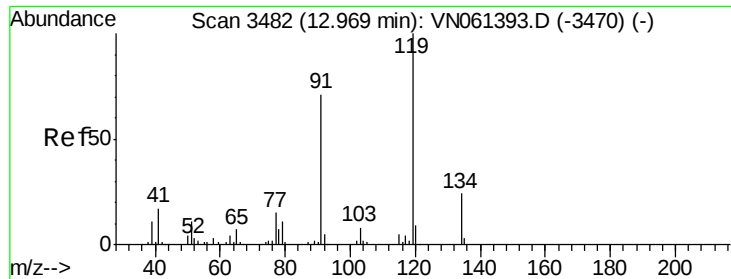
Tgt Ion: 91 Resp: 19739

Ion Ratio Lower Upper

91 100

126 29.8 0.0 63.4

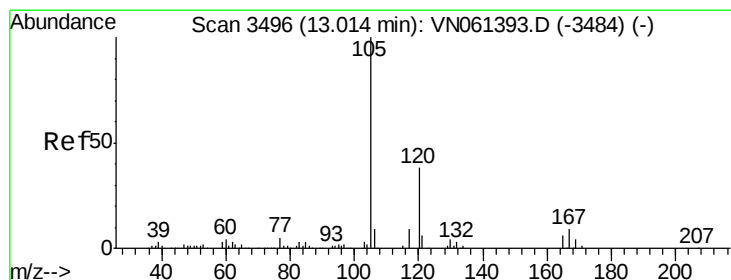
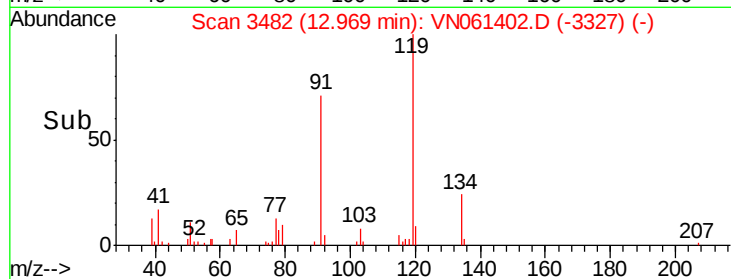
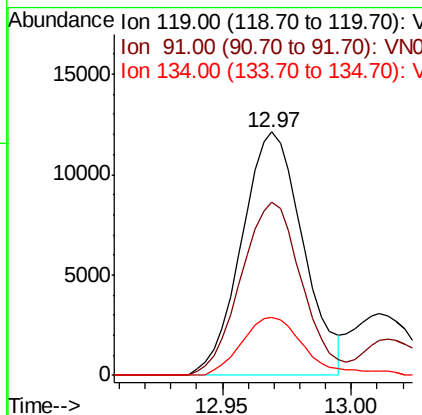
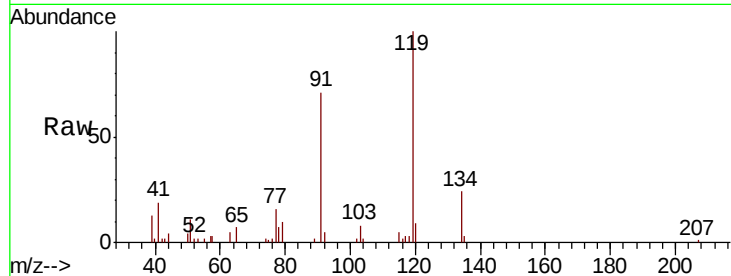




#79
tert-butylbenzene
Concen: 4.958 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

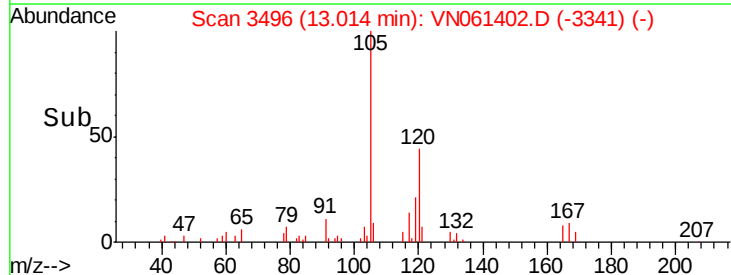
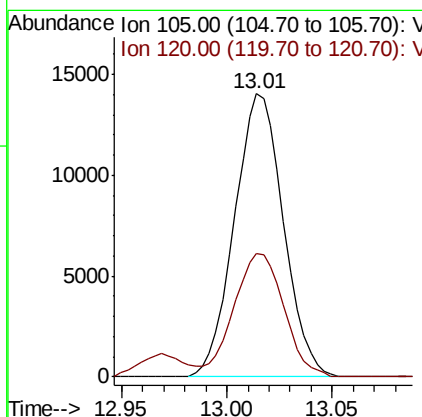
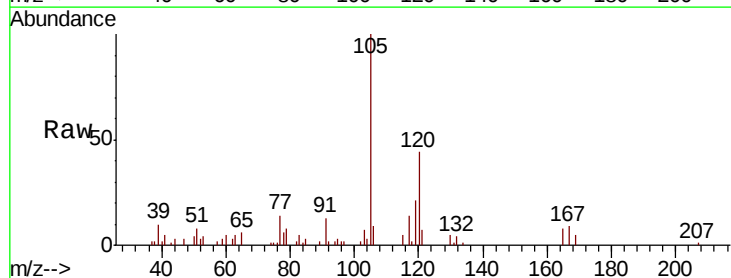
Instrument :
MSVOA_N
ClientSampled :

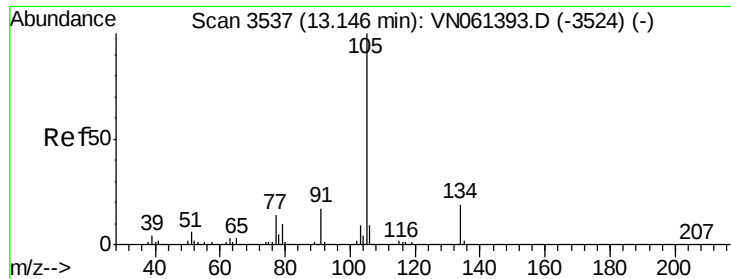
Tot Ion:119 Resp: 20129
Ion Ratio Lower Upper
119 100
91 70.5 0.0 136.4
134 24.8 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 4.640 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion:105 Resp: 22634
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.2

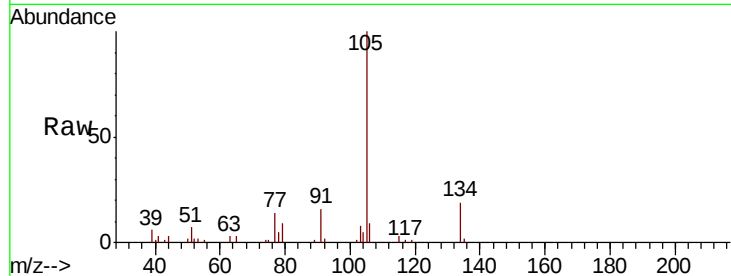




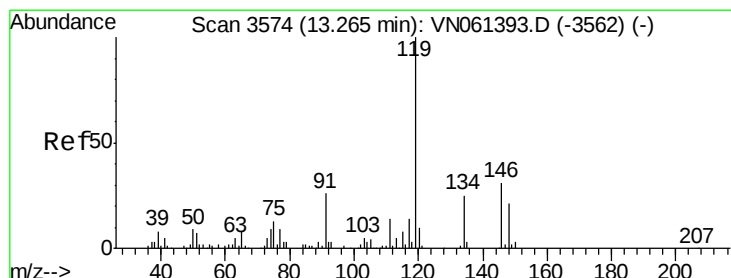
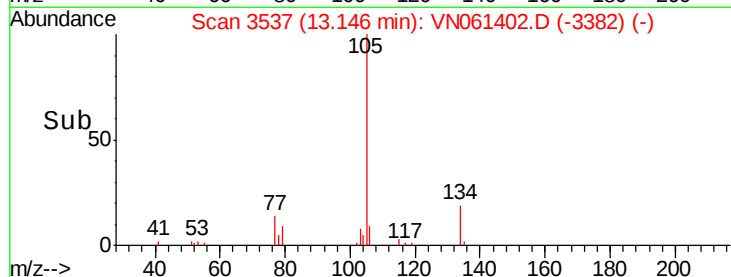
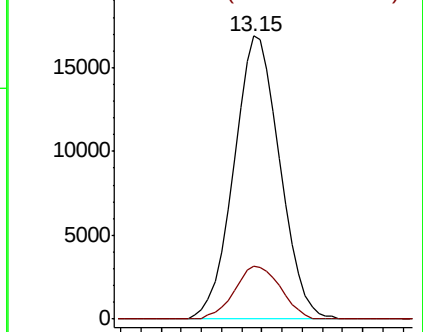
#81
 sec-Butylbenzene
 Concen: 4.814 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:105 Resp: 26923
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.0

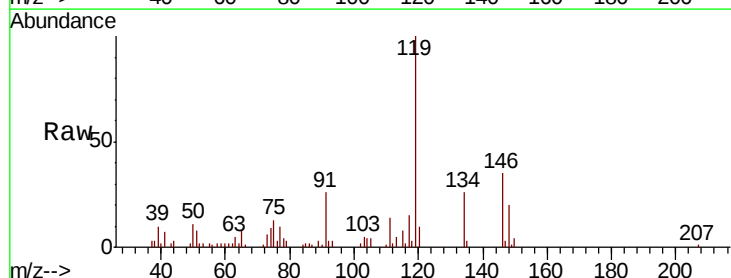


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

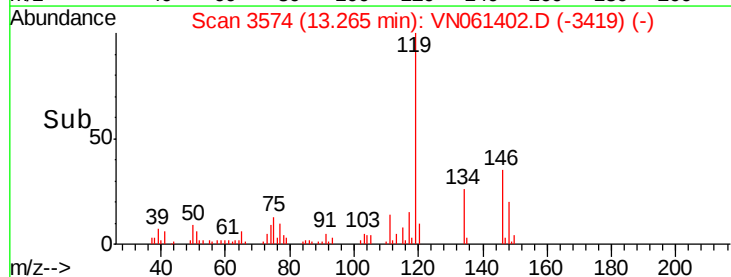
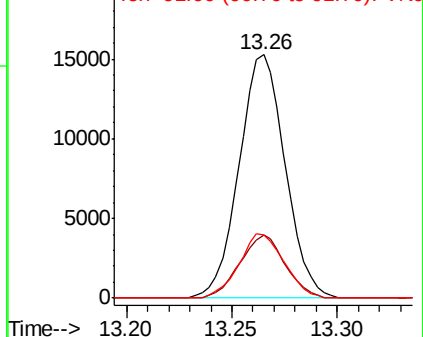


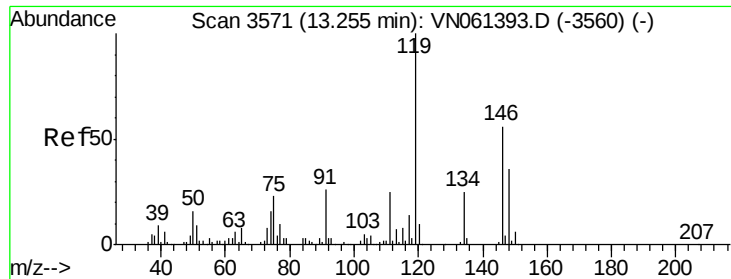
#82
 p-Isopropyltoluene
 Concen: 4.603 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion:119 Resp: 23184
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 25.8 0.0 49.4



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

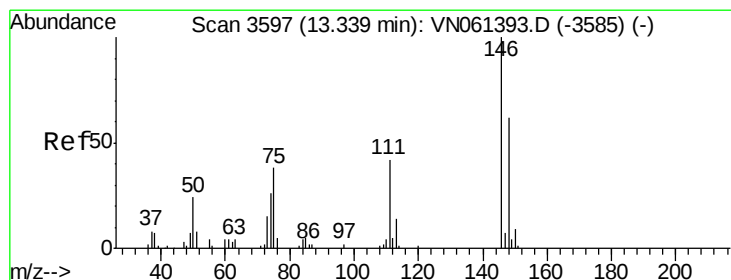
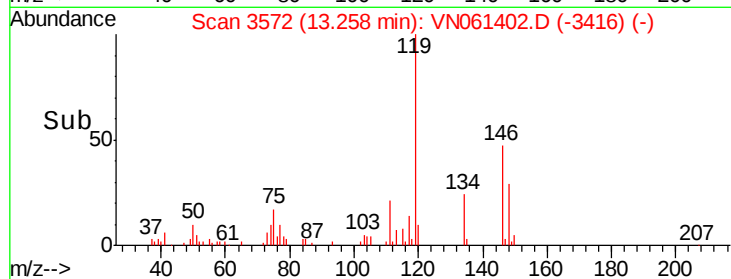
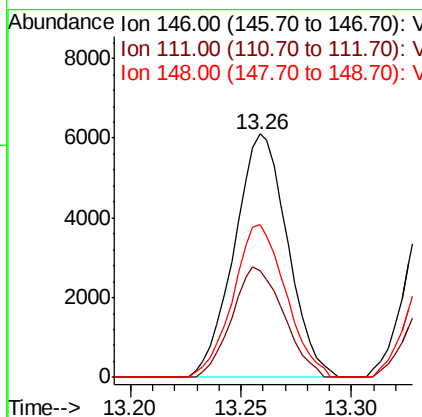
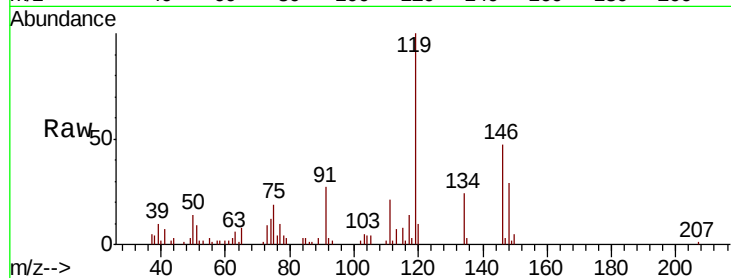




#83
 1,3-Dichlorobenzene
 Concen: 4.546 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

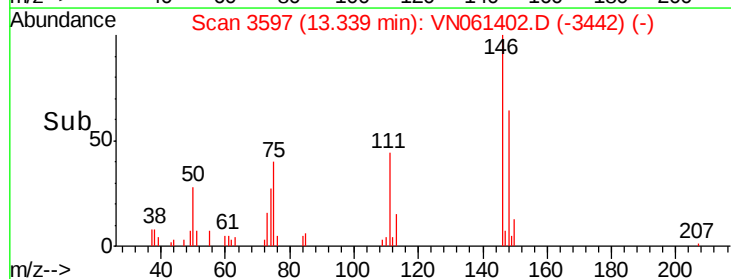
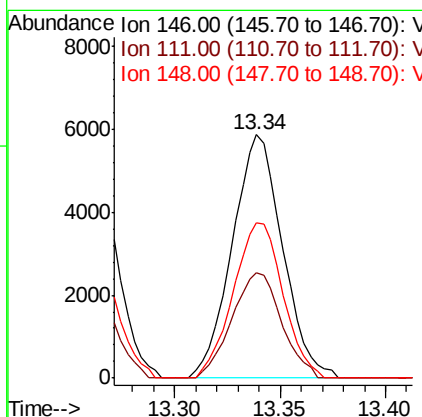
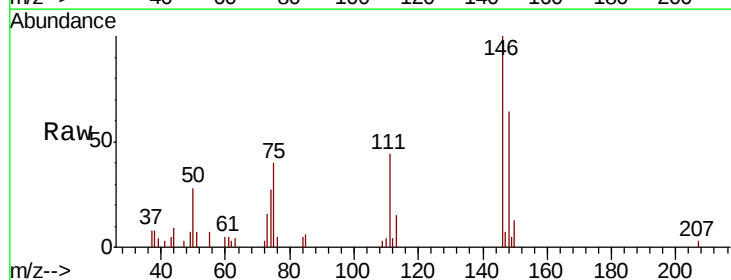
Instrument :
 MSVOA_N
 ClientSampleId :

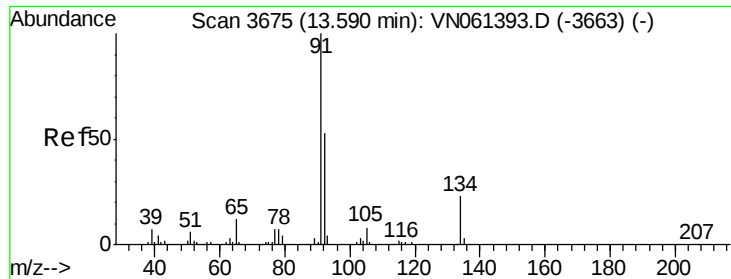
Tot Ion:146 Resp: 10221
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.0 63.0
 148 62.2 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 4.373 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion:146 Resp: 9731
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.8 59.4
 148 63.0 31.6 94.8





#85

n-Butylbenzene

Concen: 4.575 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061402.D

Acq: 14 May 2020 19:16

Instrument :

MSVOA_N

ClientSampleId :

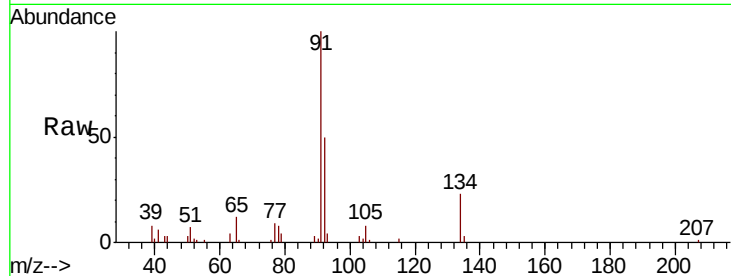
Tot Ion: 91 Resp: 21334

Ion Ratio Lower Upper

91 100

92 50.5 0.0 102.8

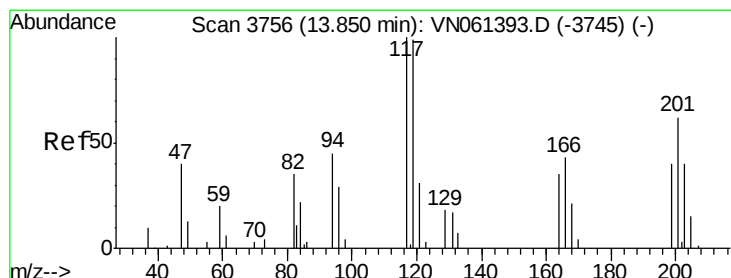
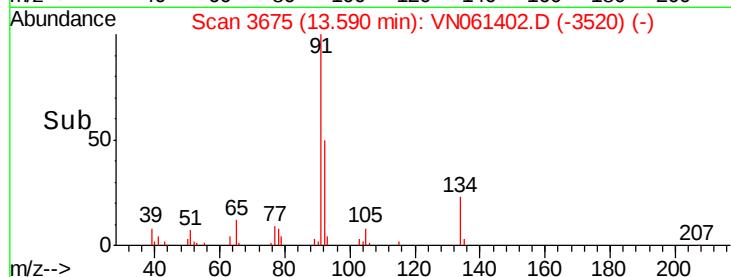
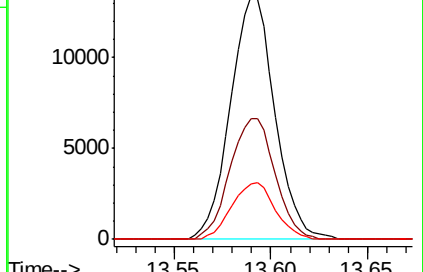
134 22.9 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN061393.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN061393.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN061393.D (-3663) (-)



#86

Hexachloroethane

Concen: 4.612 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061402.D

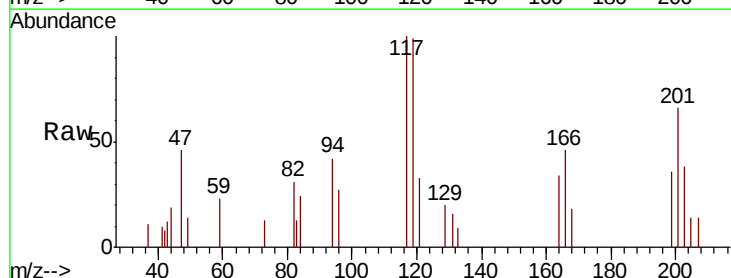
Acq: 14 May 2020 19:16

Tgt Ion: 117 Resp: 3238

Ion Ratio Lower Upper

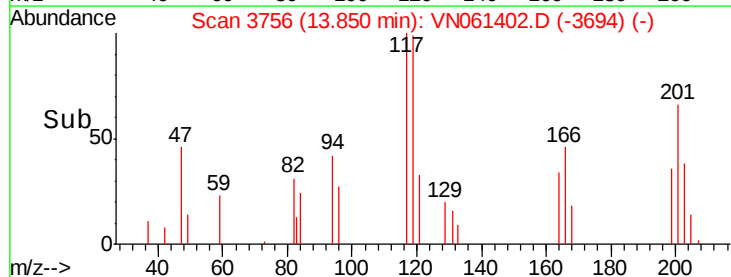
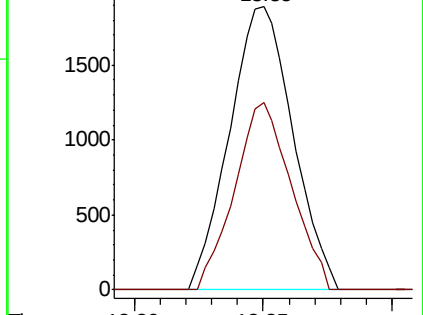
117 100

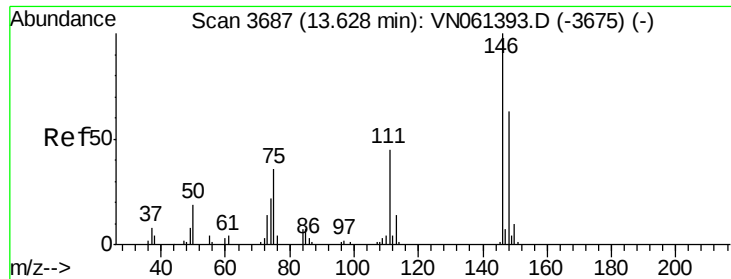
201 59.3 38.7 116.1



Abundance Ion 117.00 (116.70 to 117.70): VN061393.D (-3745) (-)

Ion 201.00 (200.70 to 201.70): VN061393.D (-3745) (-)

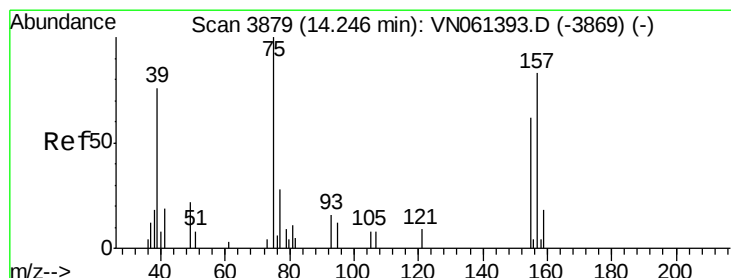
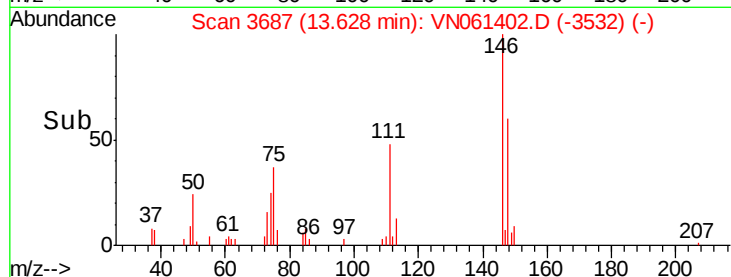
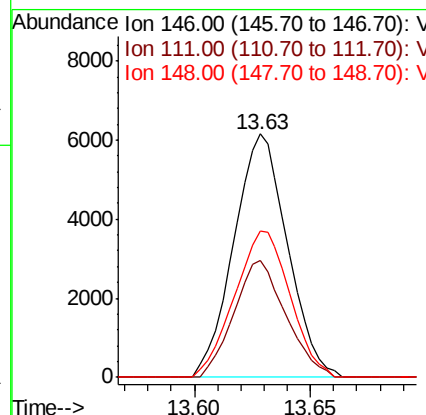
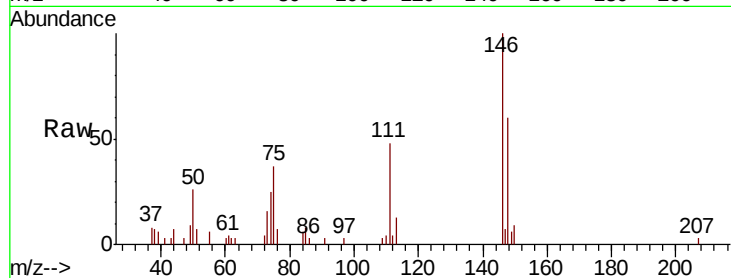




#87
 1,2-Dichlorobenzene
 Concen: 4.632 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

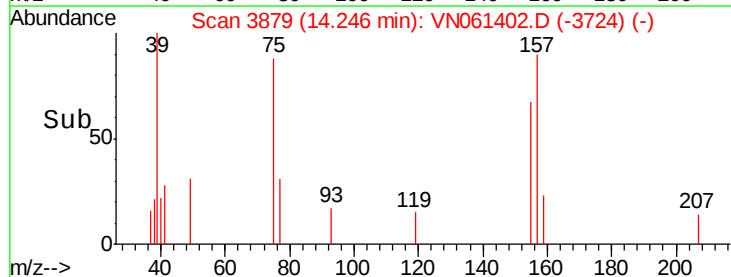
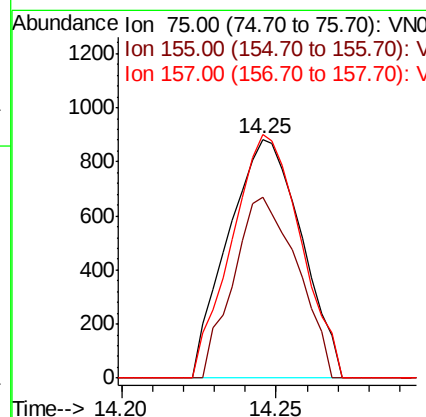
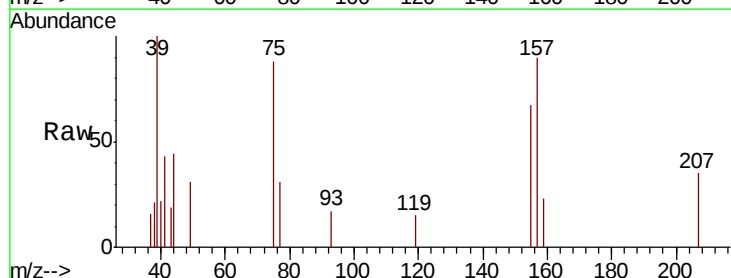
Instrument :
 MSVOA_N
 ClientSampleId :

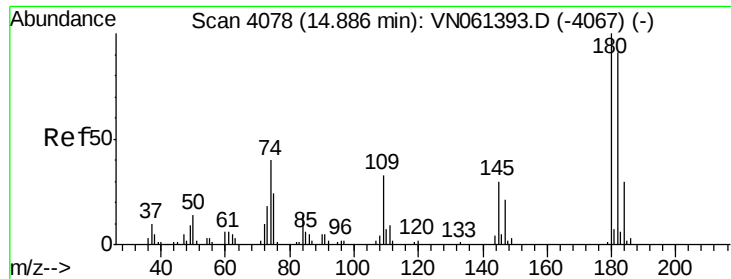
Tot Ion:146 Resp: 9879
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.8 65.4
 148 62.3 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.243 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion: 75 Resp: 1455
 Ion Ratio Lower Upper
 75 100
 155 66.3 58.3 87.5
 157 95.9 75.0 112.6

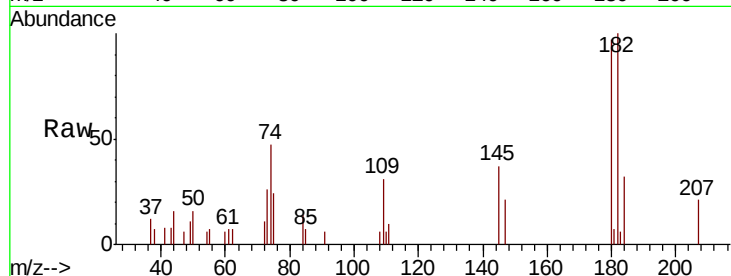




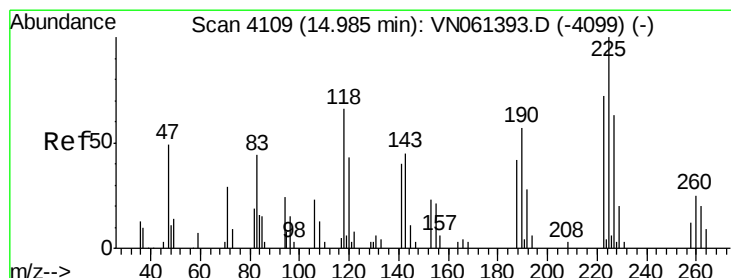
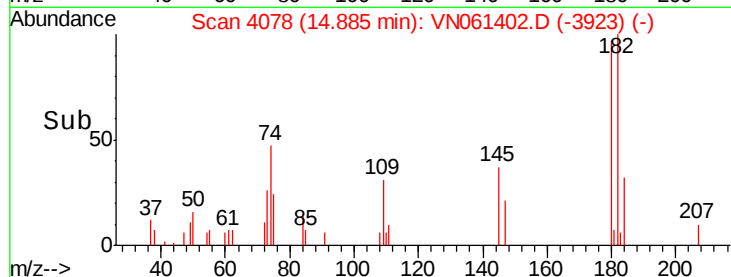
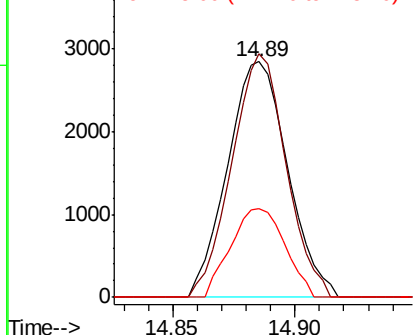
#89
 1,2,4-Trichlorobenzene
 Concen: 3.977 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 4873
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.3 112.9
 145 33.9 24.8 37.2

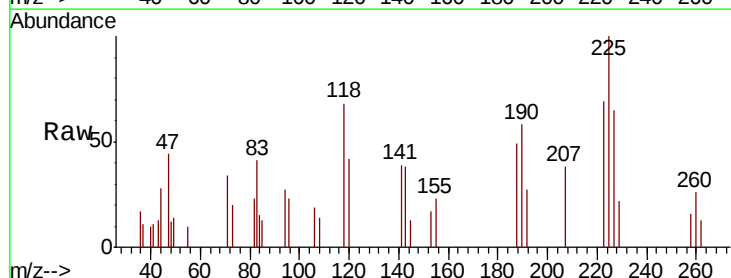


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

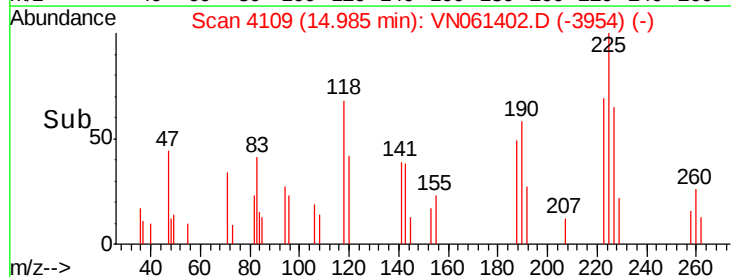
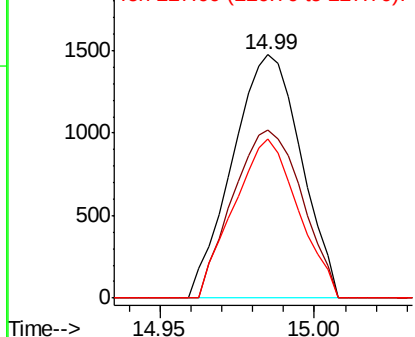


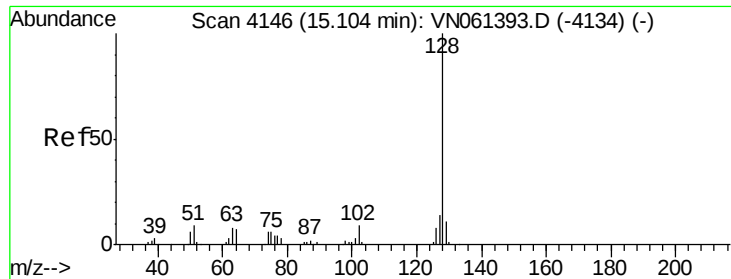
#90
 Hexachlorobutadiene
 Concen: 4.562 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061402.D
 Acq: 14 May 2020 19:16

Tgt Ion:225 Resp: 2277
 Ion Ratio Lower Upper
 225 100
 223 69.8 0.0 126.2
 227 61.4 0.0 127.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

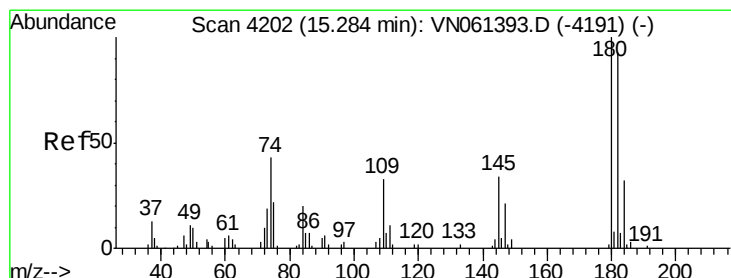
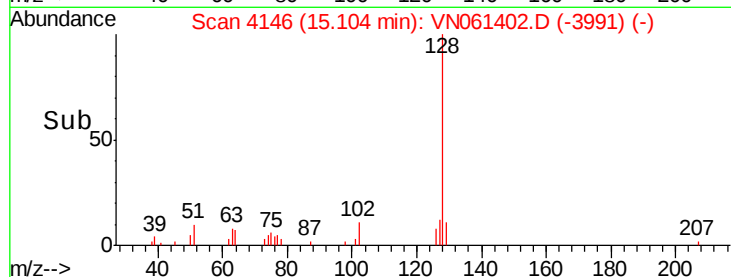
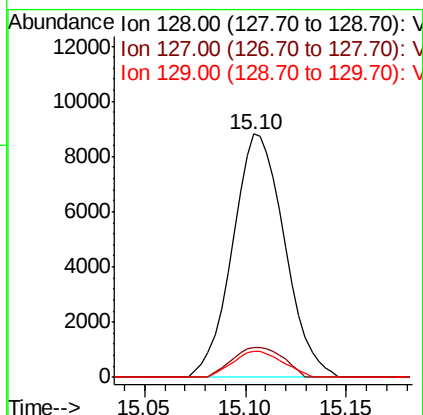
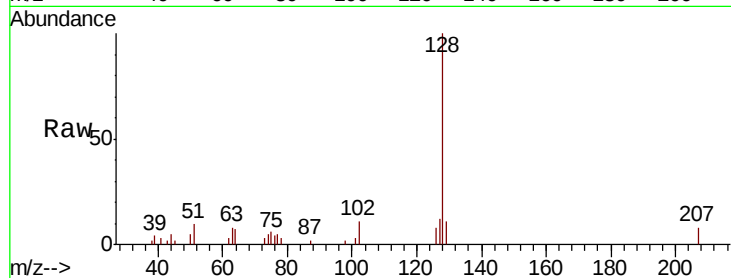




#91
Naphthalene
Concen: 4.121 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 15882
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.4 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 4.238 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061402.D
Acq: 14 May 2020 19:16

Tgt Ion:180 Resp: 5044
Ion Ratio Lower Upper
180 100
182 98.4 0.0 193.4
145 34.4 0.0 65.8

