

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061394.D
 Acq On : 14 May 2020 15:00
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 14 15:35:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 15:22:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	19628	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	115583	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	108971	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	53801	31.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.37%
60) 4-Bromofluorobenzene	12.38	95	56739	30.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.23%
63) Toluene-d8	10.06	98	150273	29.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	44077	43.658	ug/l 99
3) Chloromethane	2.03	50	81781	55.928	ug/l 99
4) Vinyl Chloride	2.16	62	107871	66.955	ug/l 99
5) Bromomethane	2.54	94	56658	60.355	ug/l 99
6) Chloroethane	2.68	64	72756	69.978	ug/l 99
7) Trichlorofluoromethane	2.99	101	94149	49.290	ug/l 99
8) Diethyl Ether	3.37	74	36781	53.169	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49404	47.845	ug/l 94
10) 1,1-Dichloroethene	3.70	96	51690	50.573	ug/l 98
11) Methyl Iodide	3.91	142	56641	41.622	ug/l 98
12) Methyl Acetate	4.27	43	63836	40.729	ug/l 97
13) Acrolein	3.56	56	50779	270.906	ug/l 98
14) Acrylonitrile	4.93	53	150990	235.532	ug/l 98
15) Acetone	3.77	58	35136	190.999	ug/l 97
16) Carbon Disulfide	4.01	76	154003	50.894	ug/l 100
17) Allyl chloride	4.28	41	105190	51.221	ug/l 97
18) Methylene Chloride	4.50	84	62458	50.805	ug/l 93
19) trans-1,2-Dichloroethene	4.99	96	60919	54.094	ug/l 97
20) Diisopropyl ether	5.90	45	246810	57.321	ug/l 93
21) 1,1-Dichloroethane	5.80	63	129392	55.043	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	73839	54.750	ug/l 97
23) tert-Butyl Alcohol	4.72	59	47661	189.004	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	212748	54.660	ug/l 98
25) Chloroform	7.33	83	126058	54.258	ug/l 97
26) Cyclohexane	7.62	56	123470	58.515	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	101441	54.767	ug/l 98
30) 2-Butanone	6.78	43	212609	212.776	ug/l 100
31) 2,2-Dichloropropane	6.78	77	116574	53.278	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	114131	54.037	ug/l 99
33) Carbon Tetrachloride	7.73	117	87436	49.131	ug/l 98
34) Benzene	8.00	78	288154	53.286	ug/l 95
35) Methacrylonitrile	7.12	41	37194	39.694	ug/l 83
36) 1,2-Dichloroethane	8.08	62	111197	53.794	ug/l 99
37) Trichloroethene	8.80	130	71368	53.975	ug/l 97
38) Methylcyclohexane	9.05	83	119921	55.284	ug/l 96
39) 1,2-Dichloropropane	9.08	63	79005	53.416	ug/l 98
40) Dibromomethane	9.17	93	48428	52.468	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	107479	55.974	ug/l	100
42) Vinyl Acetate	5.84	43	1025901	281.162	ug/l	100
43) Ethyl Acetate	6.88	43	95134	47.605	ug/l	99
44) Isopropyl Acetate	8.12	43	179471	53.869	ug/l	100
45) 1,4-Dioxane	9.17	88	13894	607.080	ug/l	93
46) Methyl methacrylate	9.17	41	82455	53.516	ug/l	94
47) n-amyl Acetate	12.04	43	162172	54.833	ug/l	95
48) t-1,3-Dichloropropene	10.35	75	127199	56.721	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	132767	56.574	ug/l	95
50) 1,1,2-Trichloroethane	10.53	97	67955	51.850	ug/l	98
51) Ethyl methacrylate	10.40	69	118080	54.979	ug/l	94
52) 1,3-Dichloropropane	10.68	76	125820	53.176	ug/l	100
53) Dibromochloromethane	10.87	129	75060	52.952	ug/l	99
54) 1,2-Dibromoethane	10.98	107	69814	51.231	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	254736	248.473	ug/l	99
56) Bromoform	12.10	173	47649	49.227	ug/l #	99
58) 4-Methyl-2-Pentanone	9.95	43	489655	250.087	ug/l	99
59) 2-Hexanone	10.72	43	350887	231.326	ug/l	99
61) Tetrachloroethene	10.60	164	68977	57.769	ug/l	97
62) Toluene	10.12	91	315168	53.717	ug/l	98
64) Chlorobenzene	11.41	112	187573	52.678	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	68490	51.465	ug/l	99
66) Ethyl Benzene	11.48	91	361423	55.322	ug/l	100
67) m/p-Xylenes	11.60	106	267518	109.822	ug/l	97
68) o-Xylene	11.92	106	129575	54.817	ug/l	100
69) Styrene	11.94	104	223055	56.816	ug/l	99
70) Isopropylbenzene	12.22	105	346501	54.578	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	95752	46.208	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	137440	72.261	ug/l	65
73) Bromobenzene	12.50	156	73200	48.905	ug/l	92
74) n-propylbenzene	12.57	91	416078	55.971	ug/l	100
75) 2-Chlorotoluene	12.65	91	239942	53.785	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	295324	54.473	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	39093	53.162	ug/l	95
78) 4-Chlorotoluene	12.75	91	252873	54.881	ug/l	99
79) tert-butylbenzene	12.97	119	244785	53.069	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	294777	54.829	ug/l	100
81) sec-Butylbenzene	13.15	105	341051	54.752	ug/l	100
82) p-Isopropyltoluene	13.26	119	304524	54.413	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	135533	49.886	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	136857	50.408	ug/l	97
85) n-Butylbenzene	13.59	91	287615	55.705	ug/l	98
86) Hexachloroethane	13.85	117	42177	43.576	ug/l	81
87) 1,2-Dichlorobenzene	13.63	146	129918	48.454	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	20771	45.145	ug/l	94
89) 1,2,4-Trichlorobenzene	14.89	180	75830	45.378	ug/l	99
90) Hexachlorobutadiene	14.99	225	30728	37.093	ug/l	98
91) Naphthalene	15.10	128	240315	48.412	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	73578	45.360	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 15:22:52 2020
Response via : Initial Calibration

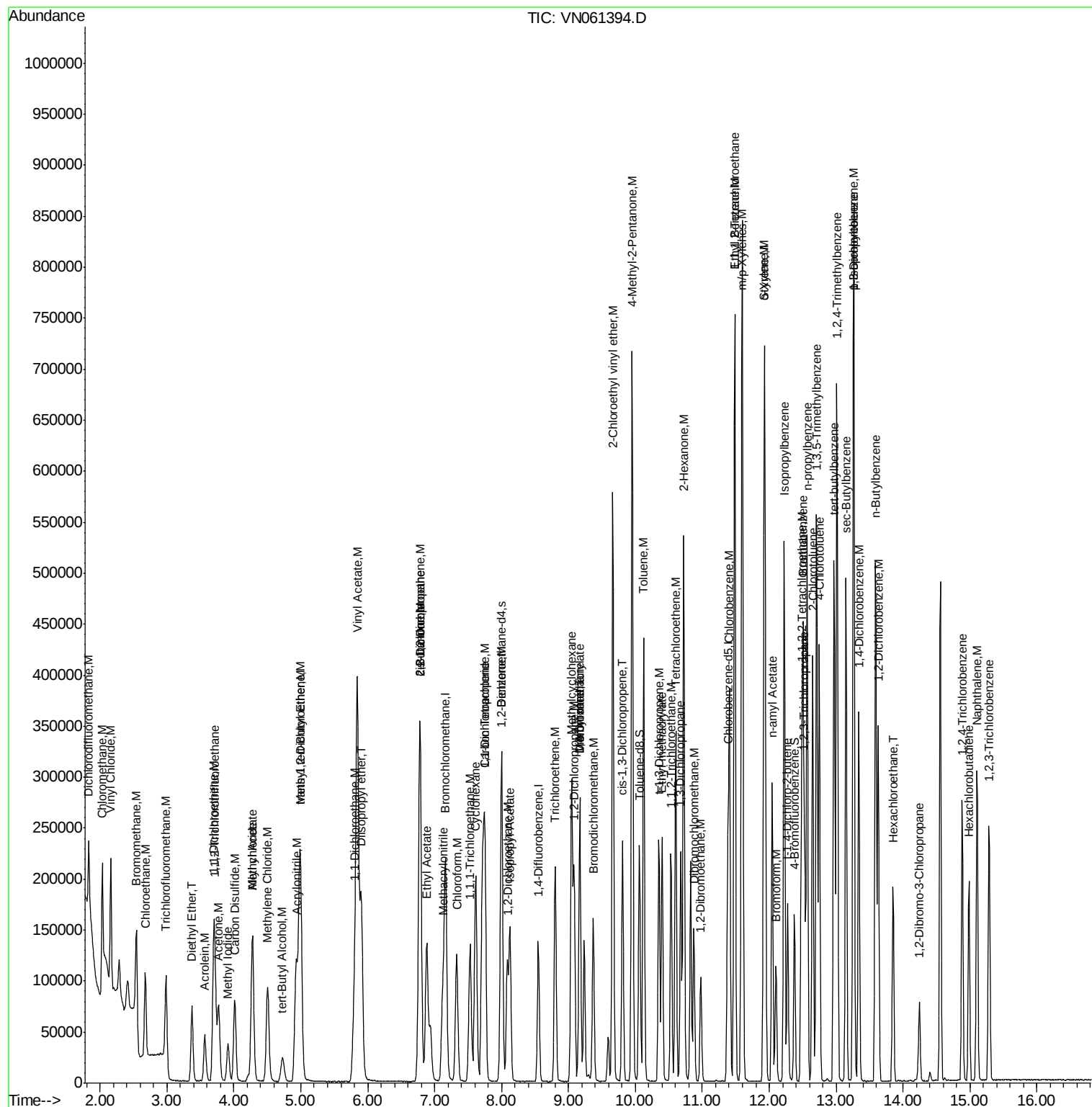
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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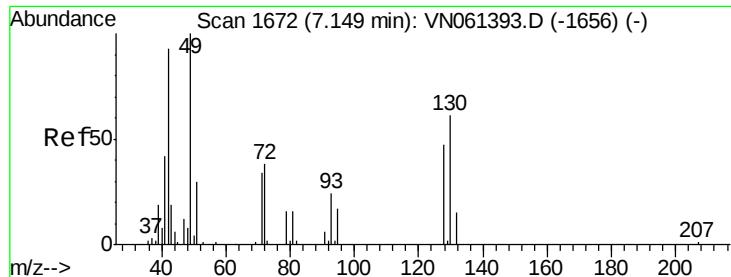
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051420\
Data File : VN061394.D
Acq On : 14 May 2020 15:00
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 14 15:35:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 15:22:52 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

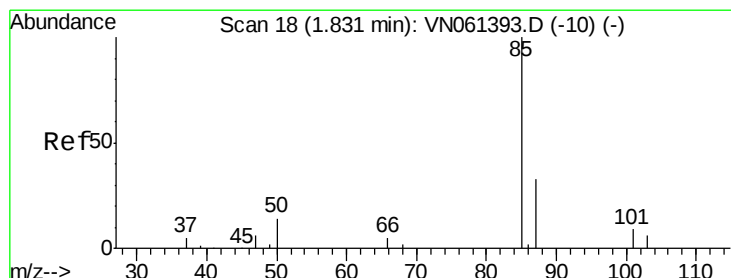
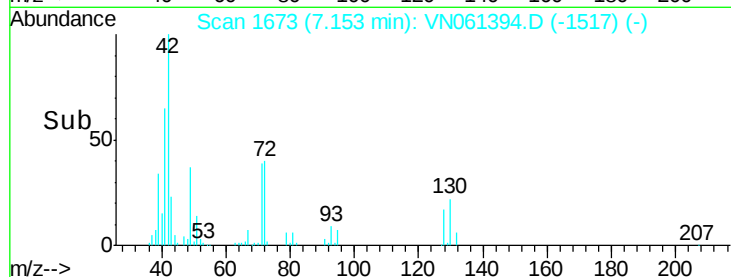
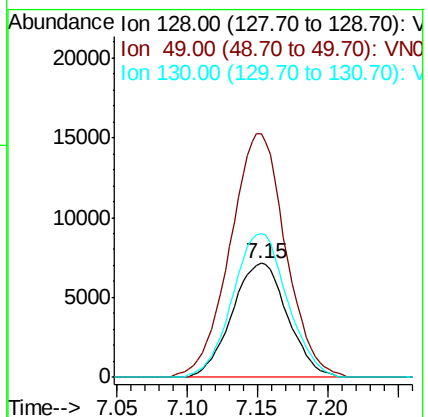
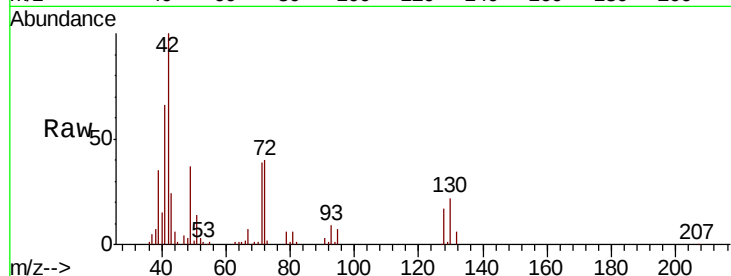
Tot Ion:128 Resp: 19628

Ion Ratio Lower Upper

128 100

49 213.7 0.0 453.5

130 124.8 0.0 314.2



#2

Dichlorodifluoromethane

Concen: 43.658 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061394.D

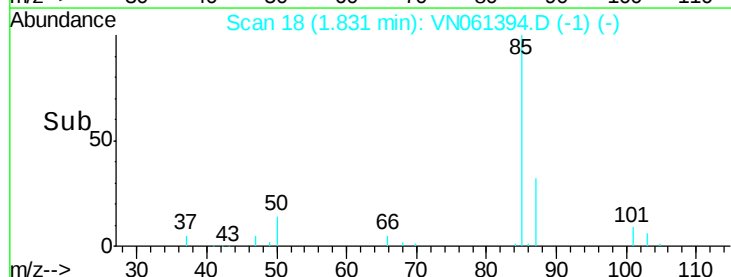
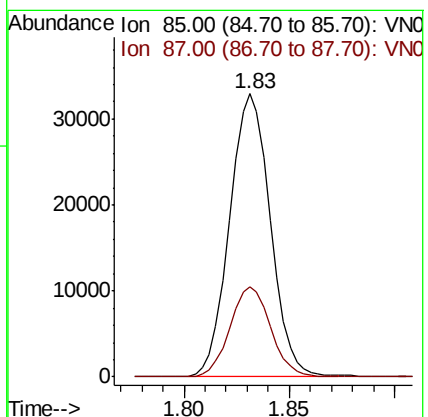
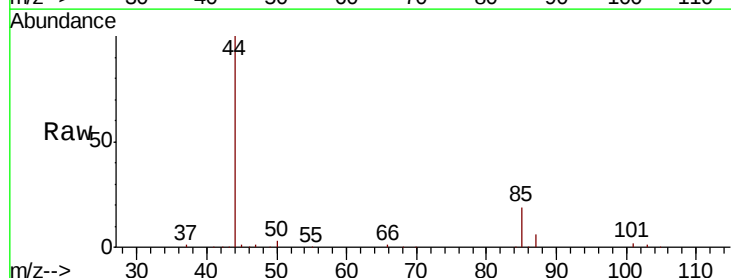
Acq: 14 May 2020 15:00

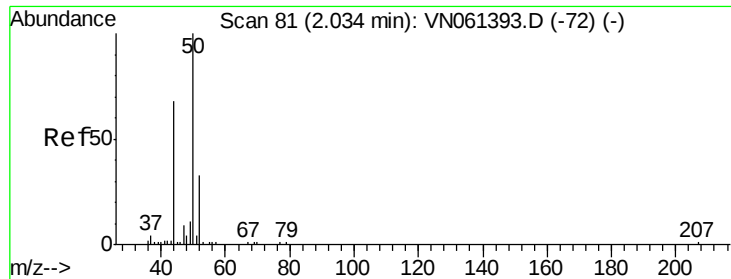
Tgt Ion: 85 Resp: 44077

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

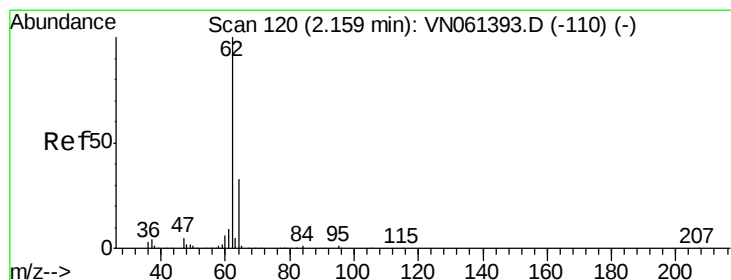
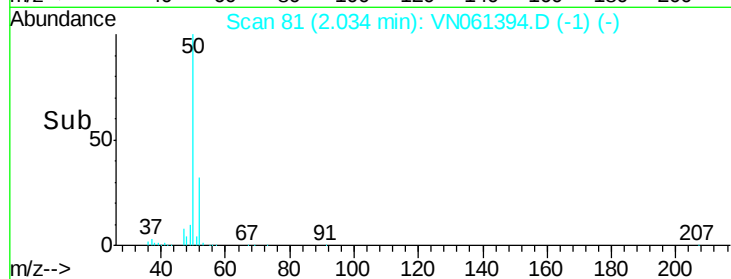
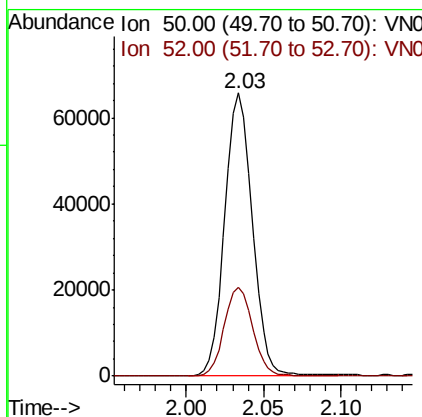
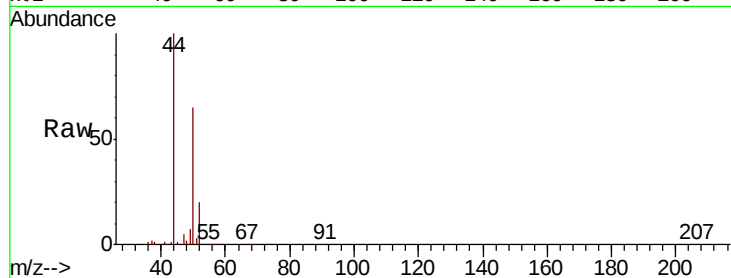




#3
Chloromethane
Concen: 55.928 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

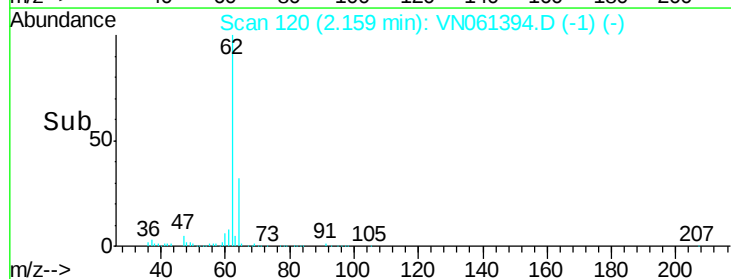
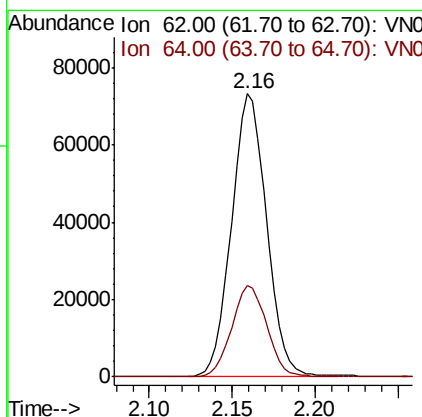
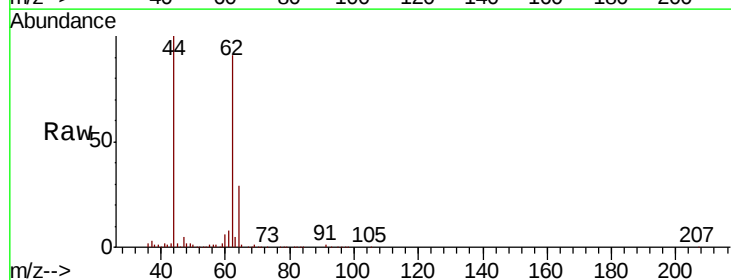
Instrument :
MSVOA_N
ClientSampled :

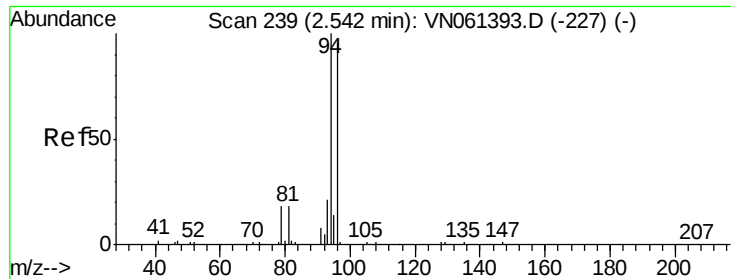
Tot Ion: 50 Resp: 81781
Ion Ratio Lower Upper
50 100
52 31.6 25.8 38.8



#4
Vinyl Chloride
Concen: 66.955 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 62 Resp: 107871
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

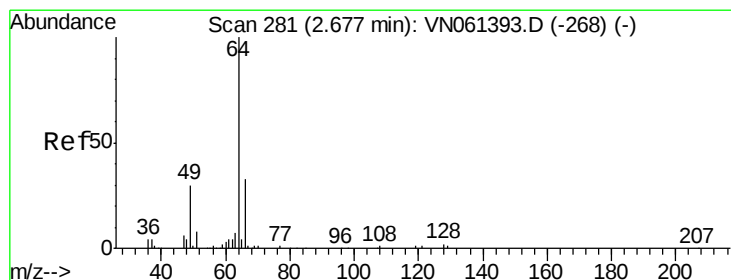
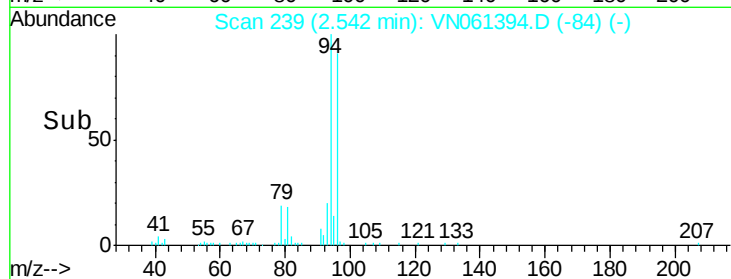
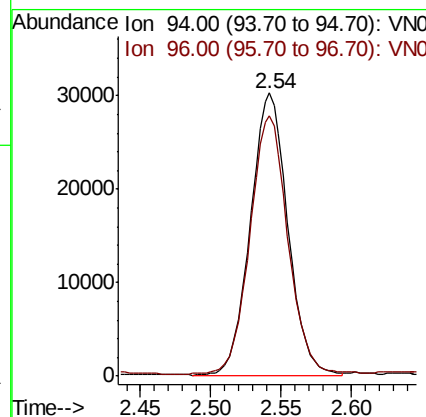
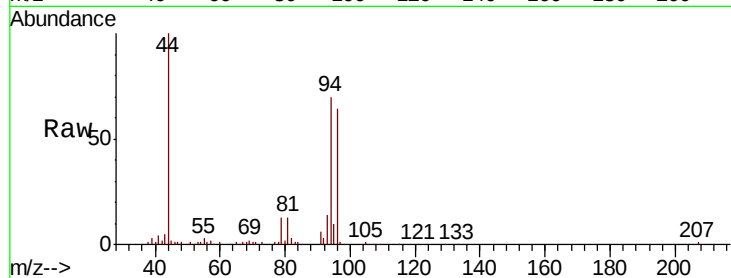




#5
Bromomethane
Concen: 60.355 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

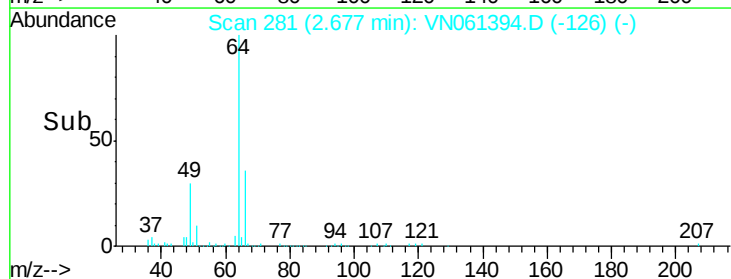
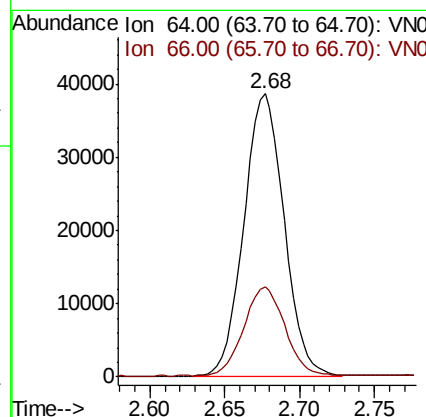
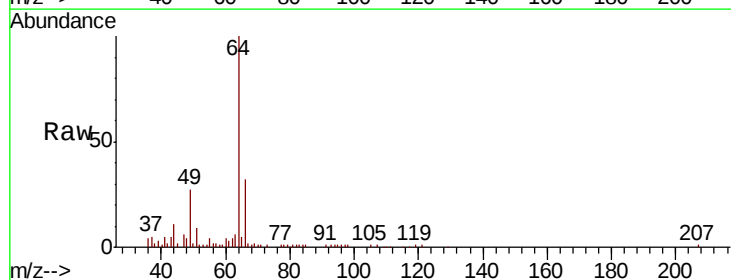
Instrument :
MSVOA_N
ClientSampleId :

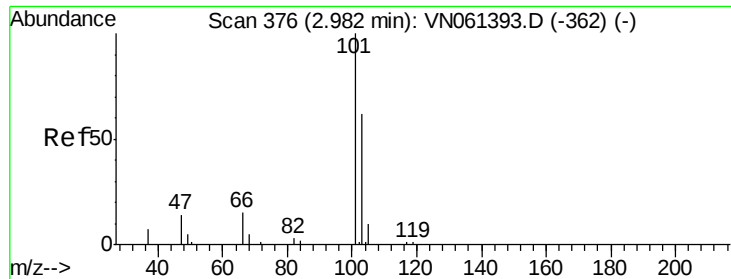
Tot Ion: 94 Resp: 56658
Ion Ratio Lower Upper
94 100
96 91.0 73.7 110.5



#6
Chloroethane
Concen: 69.978 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 64 Resp: 72756
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8



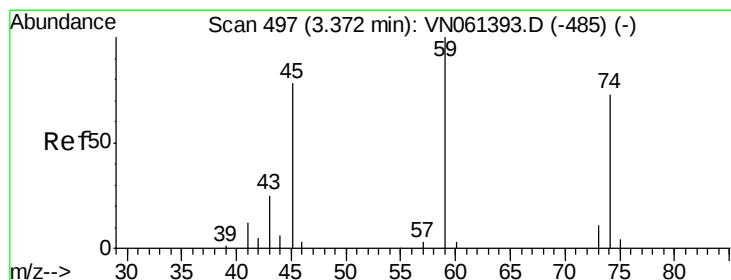
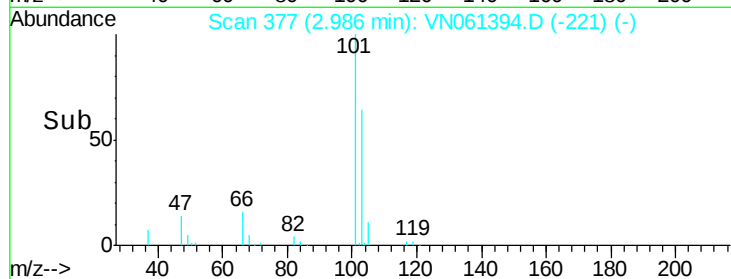
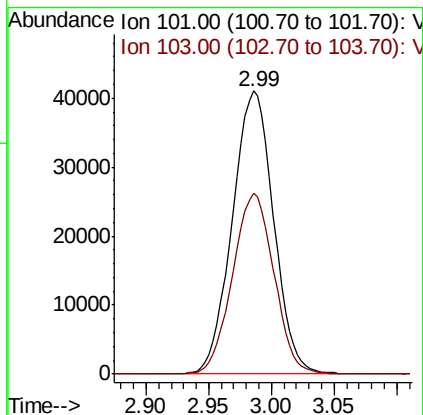
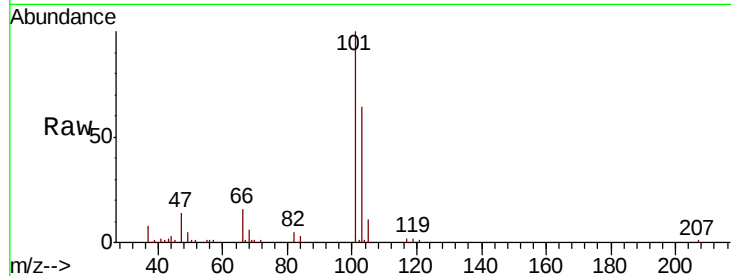


#7

Trichlorofluoromethane
 Concen: 49.290 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :

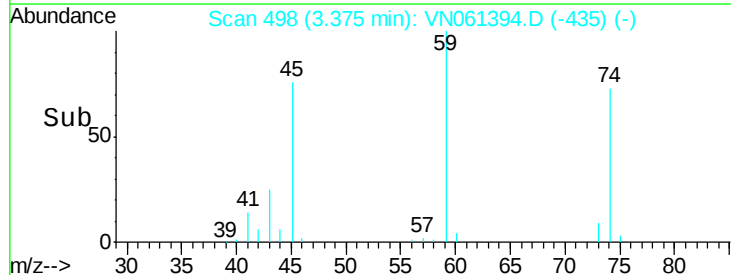
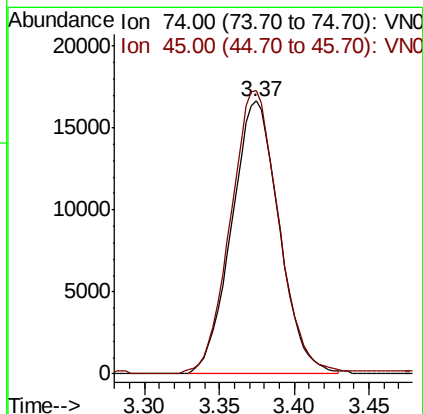
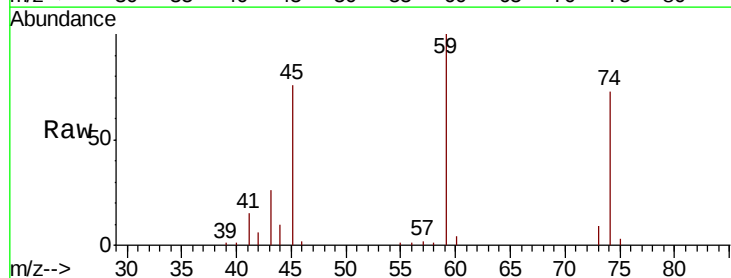
Tot Ion:101 Resp: 94149
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3

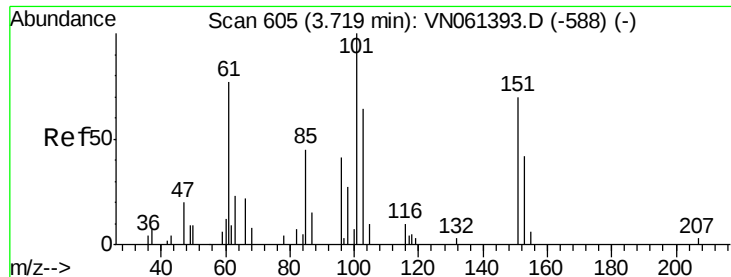


#8

Diethyl Ether
 Concen: 53.169 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 74 Resp: 36781
 Ion Ratio Lower Upper
 74 100
 45 105.3 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.845 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

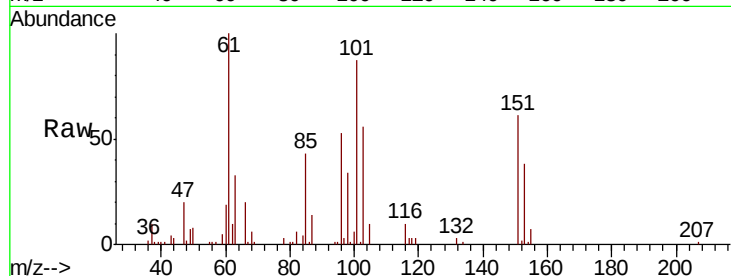
Tot Ion:101 Resp: 49404

Ion Ratio Lower Upper

101 100

85 49.0 0.0 93.8

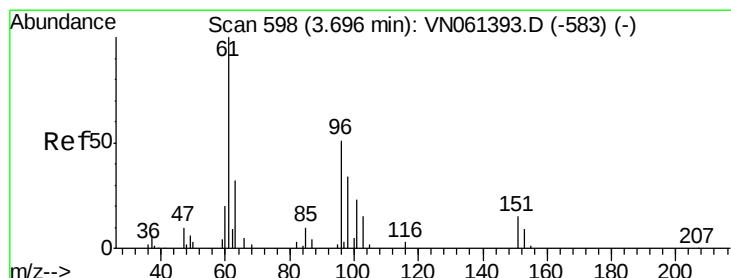
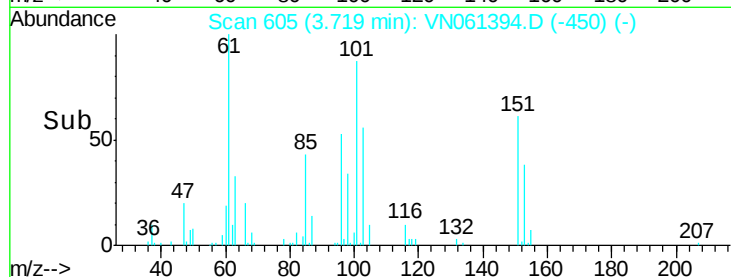
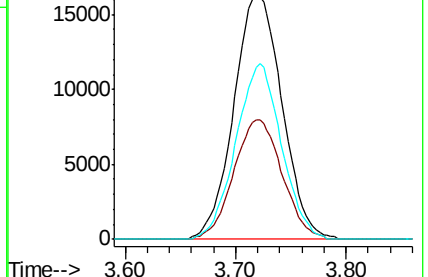
151 67.9 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 50.573 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

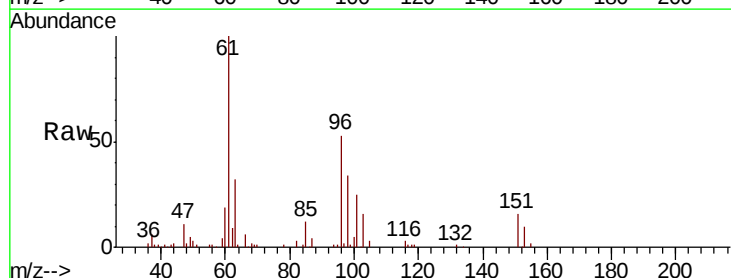
Tgt Ion: 96 Resp: 51690

Ion Ratio Lower Upper

96 100

61 189.3 148.5 222.7

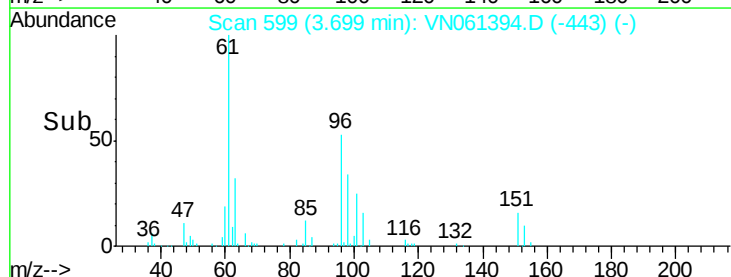
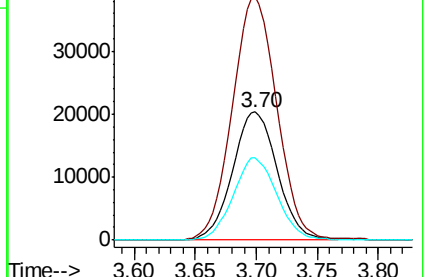
98 64.2 51.0 76.6

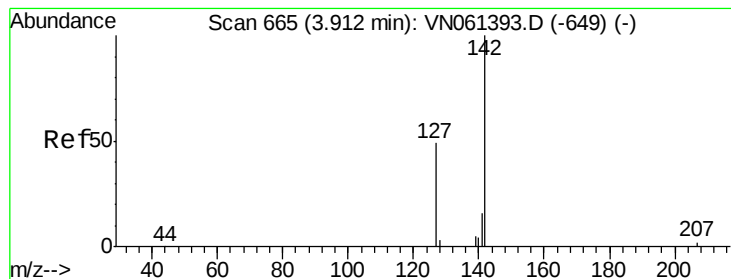


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methyl Iodide

Concen: 41.622 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

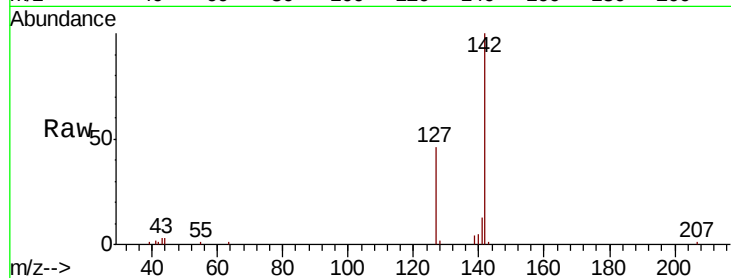
Tot Ion:142 Resp: 56641

Ion Ratio Lower Upper

142 100

127 45.9 23.5 70.6

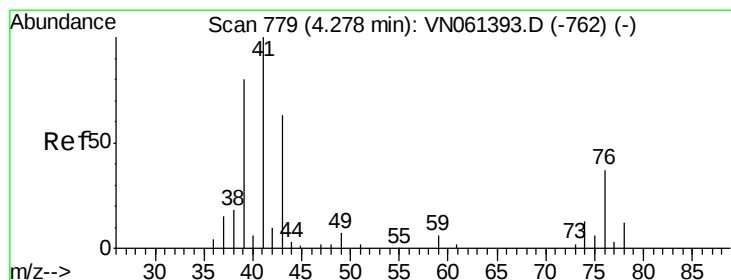
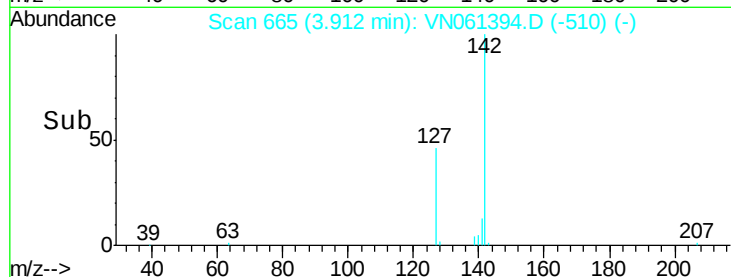
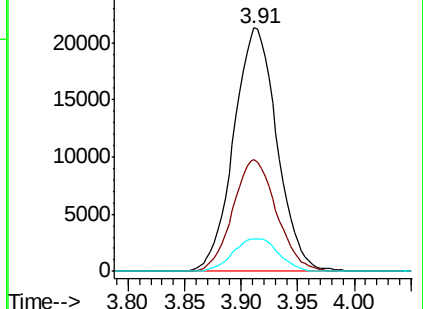
141 13.3 7.4 22.2



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 40.729 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061394.D

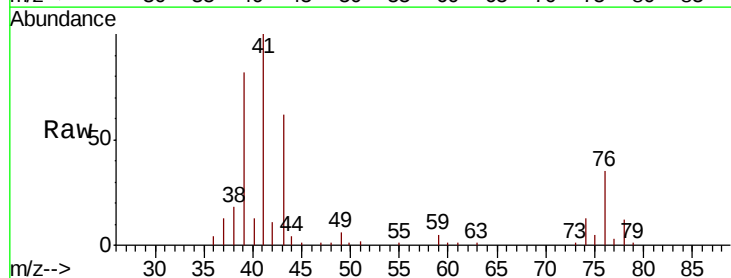
Acq: 14 May 2020 15:00

Tgt Ion: 43 Resp: 63836

Ion Ratio Lower Upper

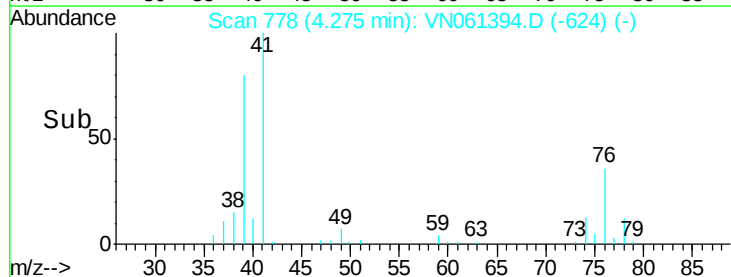
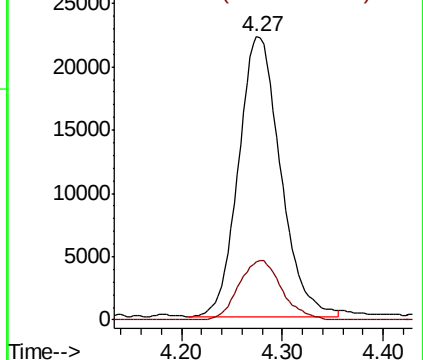
43 100

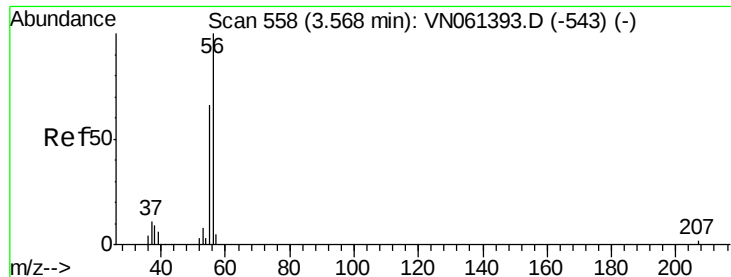
74 21.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 270.906 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

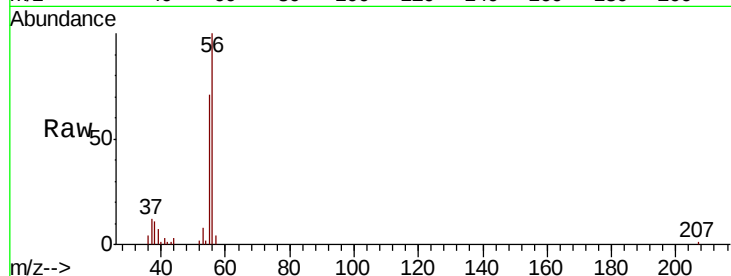
ClientSampleId :

Tot Ion: 56 Resp: 50779

Ion Ratio Lower Upper

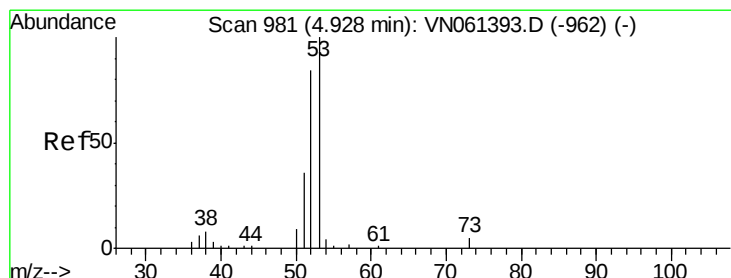
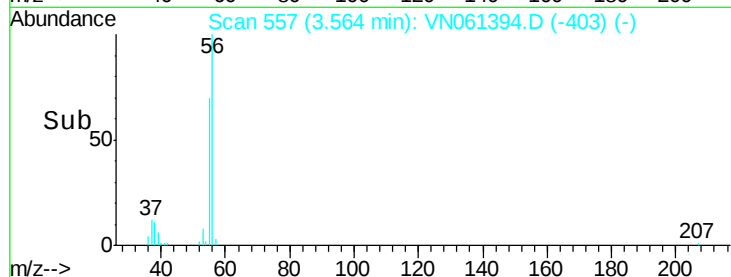
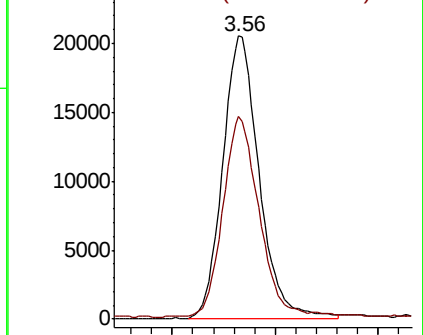
56 100

55 68.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 235.532 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

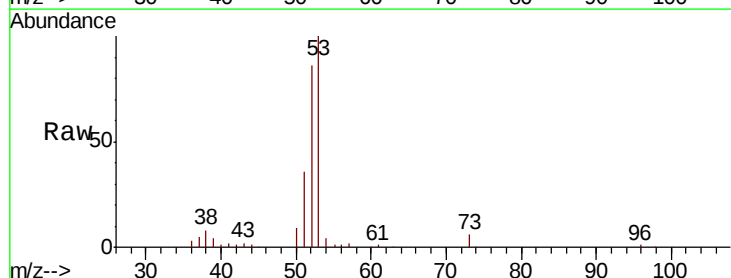
Tgt Ion: 53 Resp: 150990

Ion Ratio Lower Upper

53 100

52 82.3 42.2 126.6

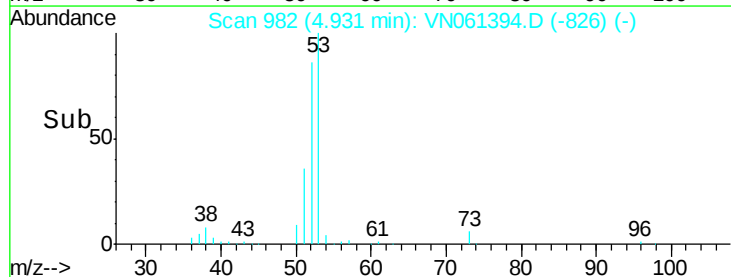
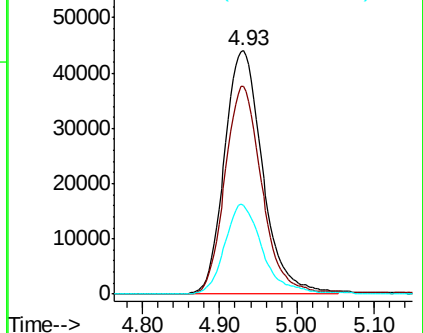
51 36.8 18.8 56.4

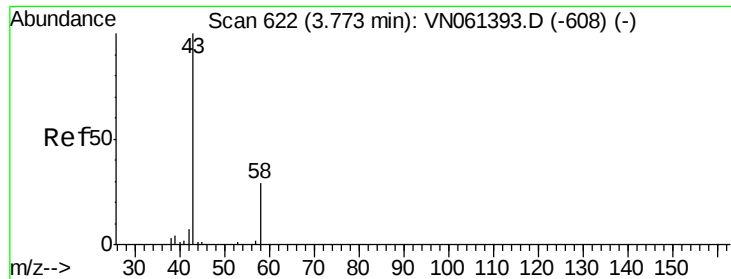


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 190.999 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

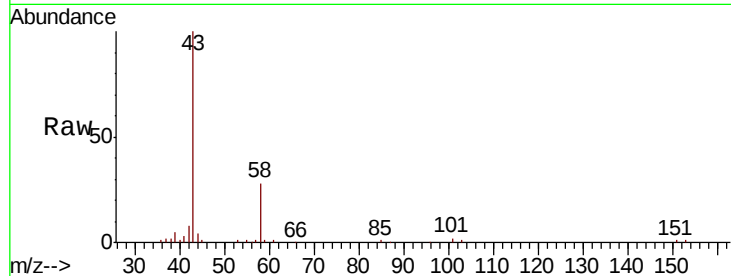
ClientSampled :

Tot Ion: 58 Resp: 35136

Ion Ratio Lower Upper

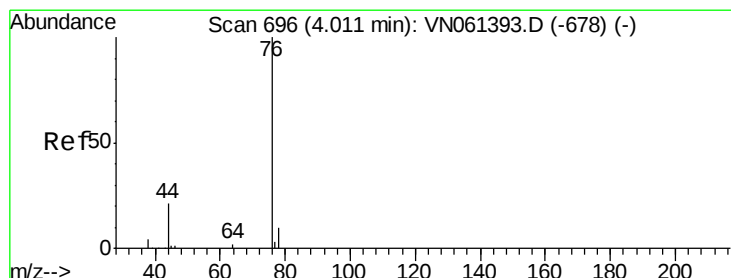
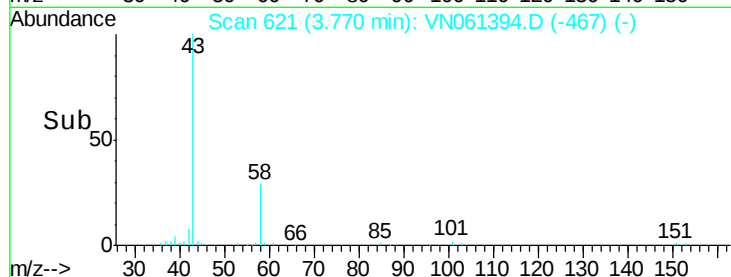
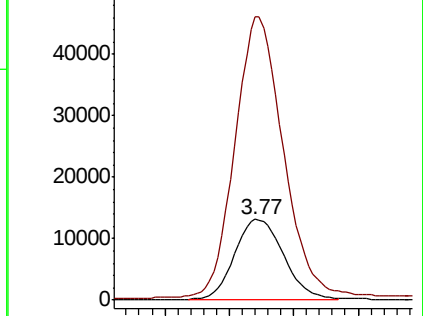
58 100

43 345.2 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN061394.D (-541) (-)

Ion 43.00 (42.70 to 43.70): VN061394.D (-541) (-)



#16

Carbon Disulfide

Concen: 50.894 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.00 min

Lab File: VN061394.D

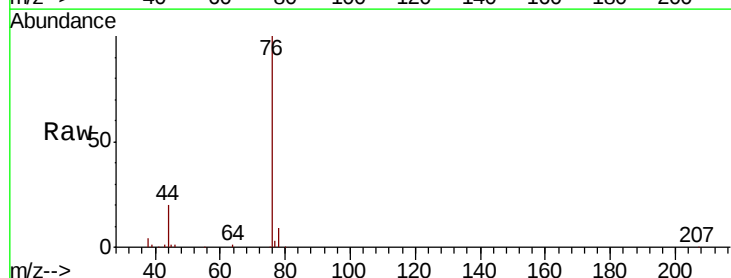
Acq: 14 May 2020 15:00

Tgt Ion: 76 Resp: 154003

Ion Ratio Lower Upper

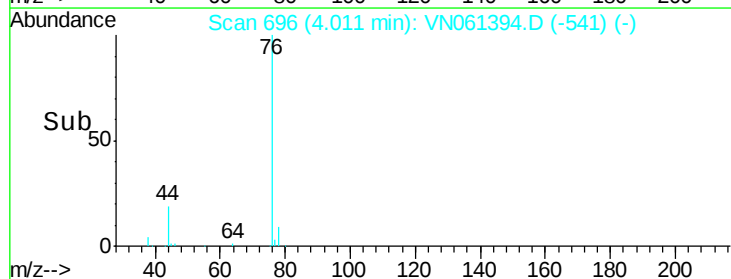
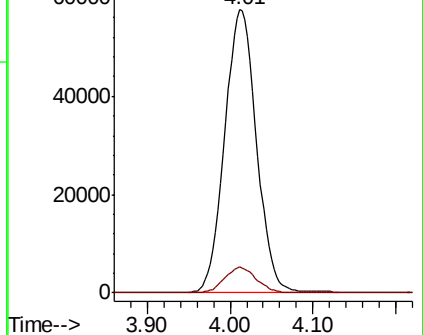
76 100

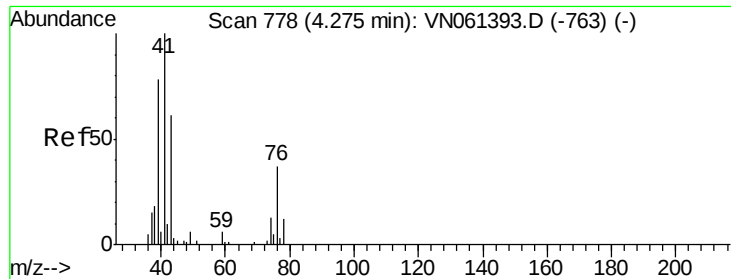
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN061394.D (-541) (-)

Ion 78.00 (77.70 to 78.70): VN061394.D (-541) (-)

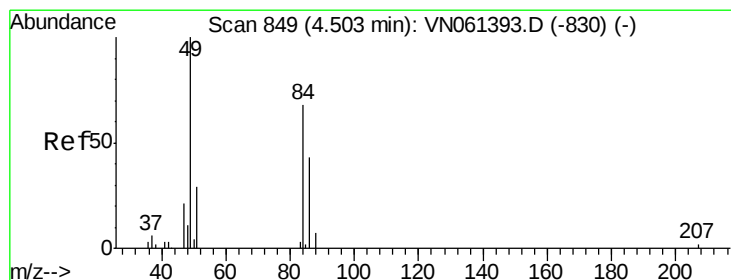
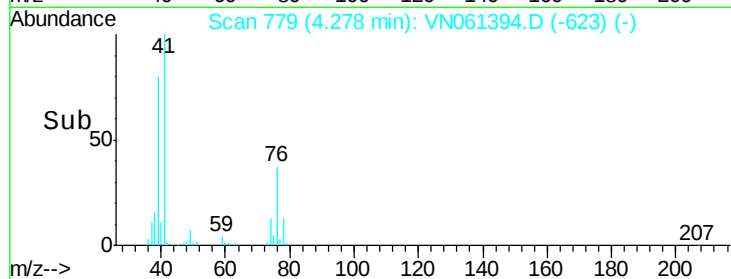
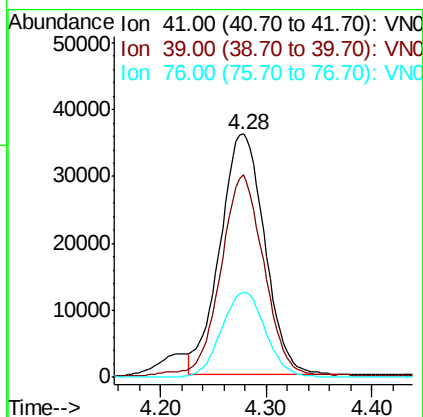
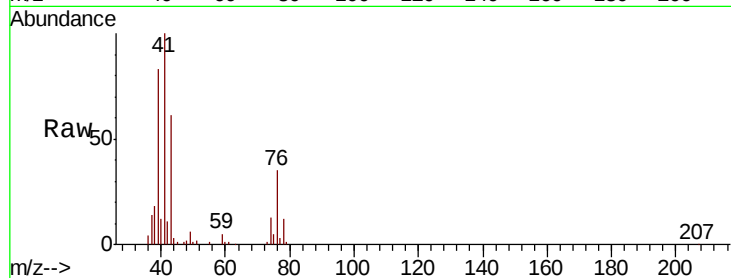




#17
 Allvl chloride
 Concen: 51.221 ug/l
 RT: 4.28 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

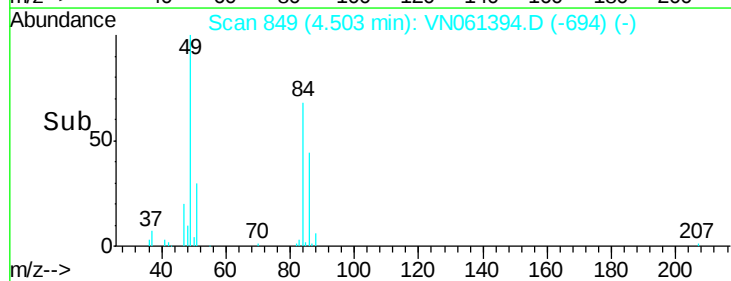
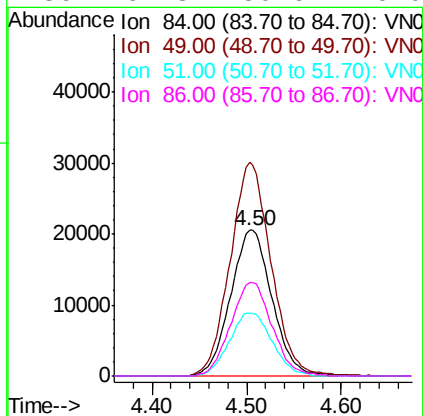
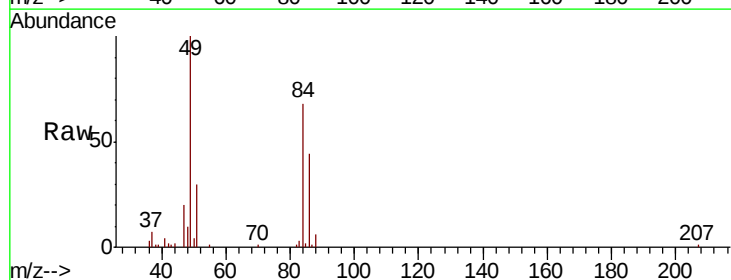
Instrument :
 MSVOA_N
 ClientSampled :

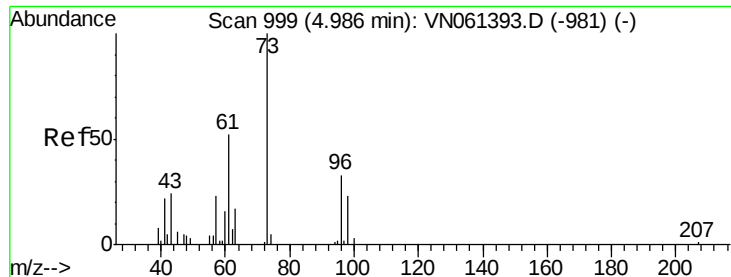
Tot Ion: 41 Resp: 105190
 Ion Ratio Lower Upper
 41 100
 39 83.2 39.6 118.8
 76 35.6 17.6 52.9



#18
 Methylene Chloride
 Concen: 50.805 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 84 Resp: 62458
 Ion Ratio Lower Upper
 84 100
 49 146.4 106.6 160.0
 51 43.3 32.4 48.6
 86 64.3 50.6 76.0

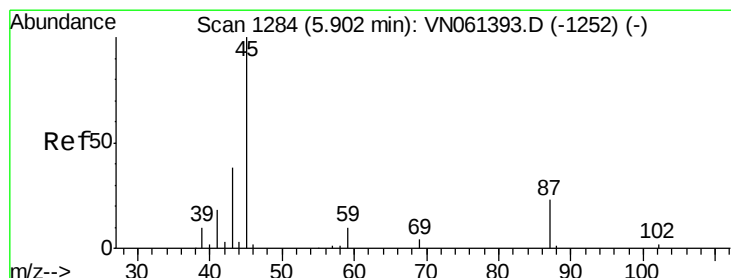
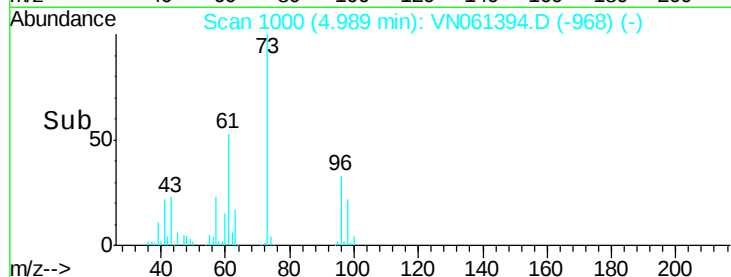
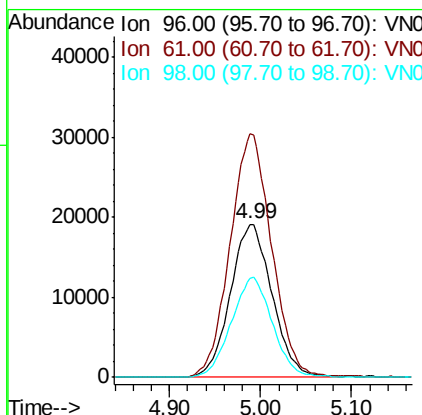
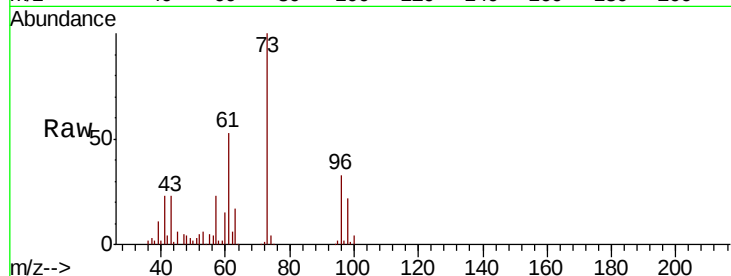




#19
trans-1,2-Dichloroethene
Concen: 54.094 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

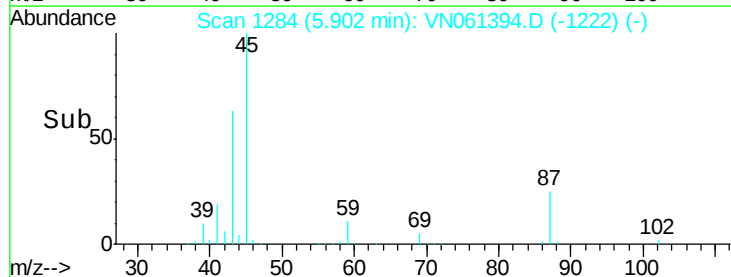
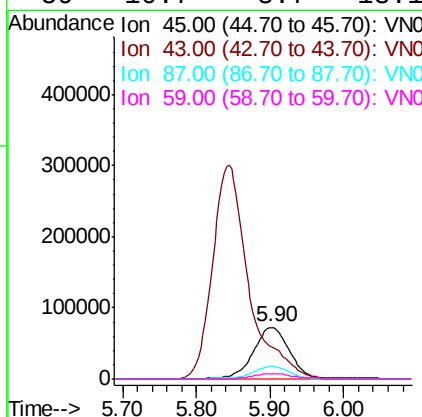
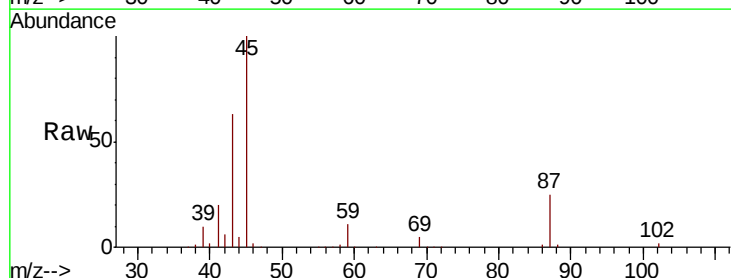
Instrument :
MSVOA_N
ClientSampled :

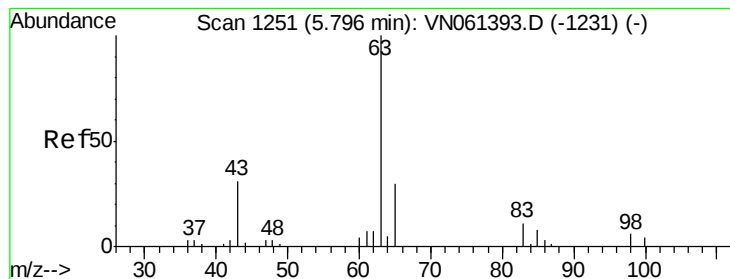
Tot Ion: 96 Resp: 60919
Ion Ratio Lower Upper
96 100
61 159.4 131.8 197.6
98 64.9 52.6 79.0



#20
Diisopropyl ether
Concen: 57.321 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 45 Resp: 246810
Ion Ratio Lower Upper
45 100
43 61.1 54.7 82.1
87 24.7 21.5 32.3
59 10.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 55.043 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

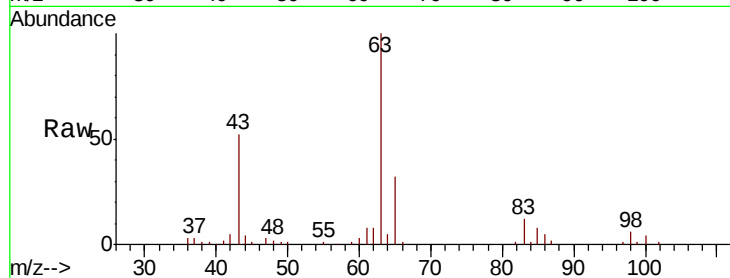
Tot Ion: 63 Resp: 129392

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

100 4.2 1.8 5.5

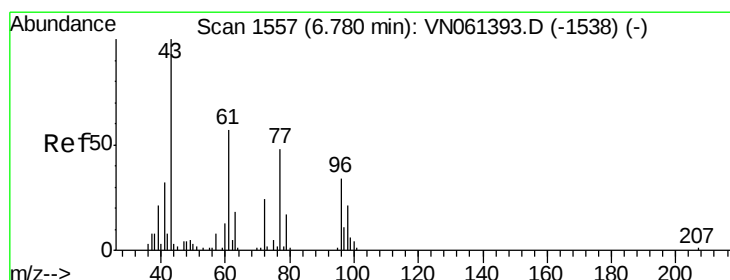
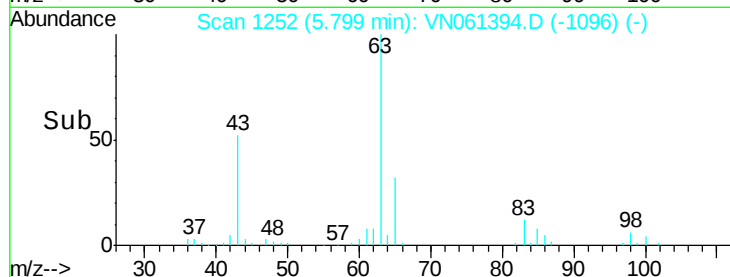


Abundance Ion 63.00 (62.70 to 63.70): VN061393.D (-1231) (-)

Ion 98.00 (97.70 to 98.70): VN061393.D (-1231) (-)

Ion 100.00 (99.70 to 100.70): VN061393.D (-1231) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 54.750 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

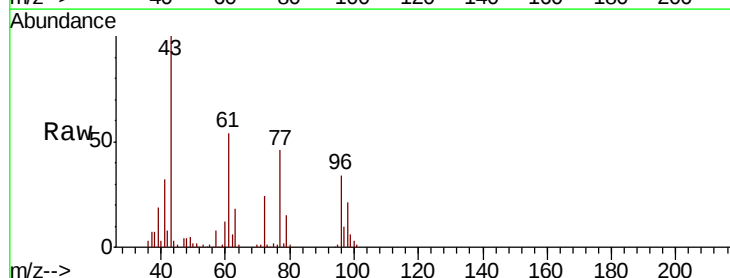
Tgt Ion: 96 Resp: 73839

Ion Ratio Lower Upper

96 100

61 164.0 127.2 190.8

98 62.8 50.5 75.7

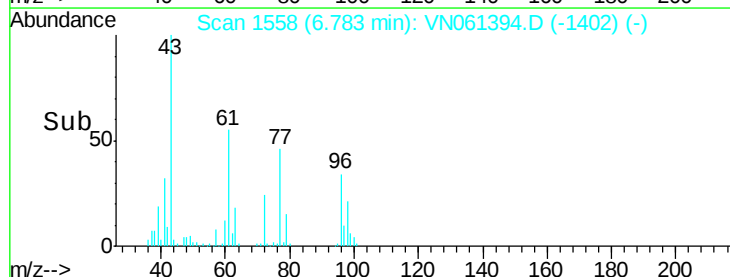


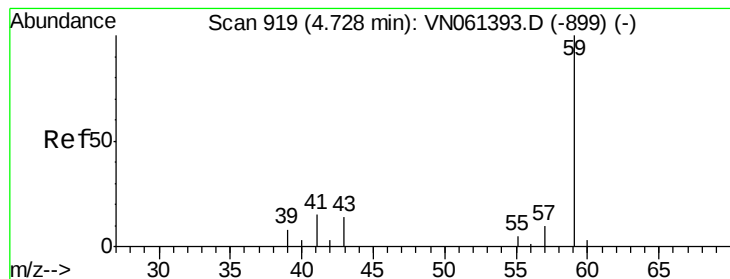
Abundance Ion 96.00 (95.70 to 96.70): VN061393.D (-1538) (-)

Ion 61.00 (60.70 to 61.70): VN061393.D (-1538) (-)

Ion 98.00 (97.70 to 98.70): VN061393.D (-1538) (-)

Time-->



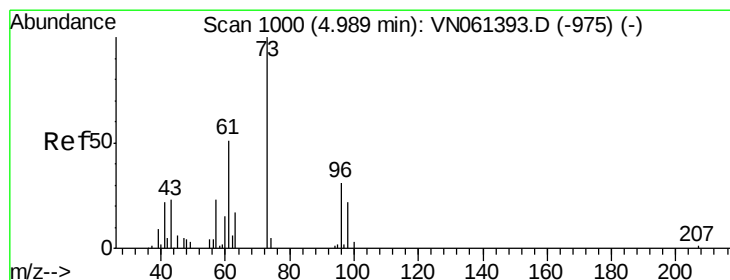
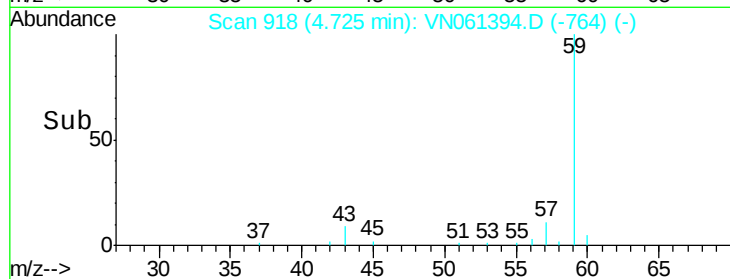
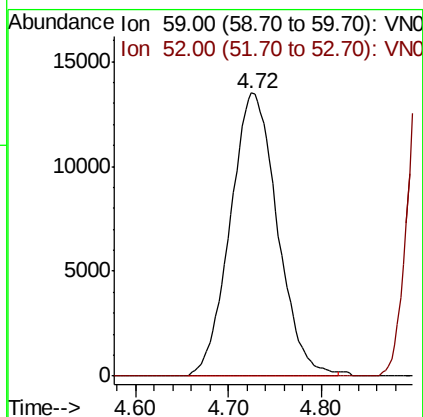
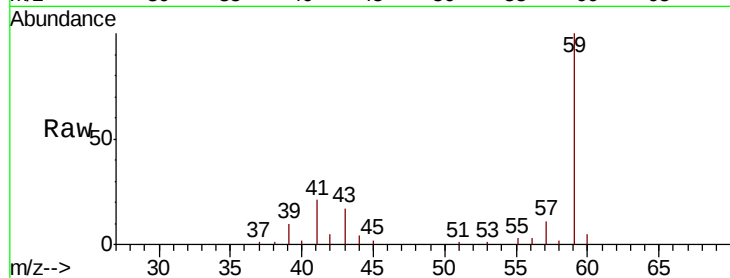


#23

tert-Butyl Alcohol
 Concen: 189.004 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :

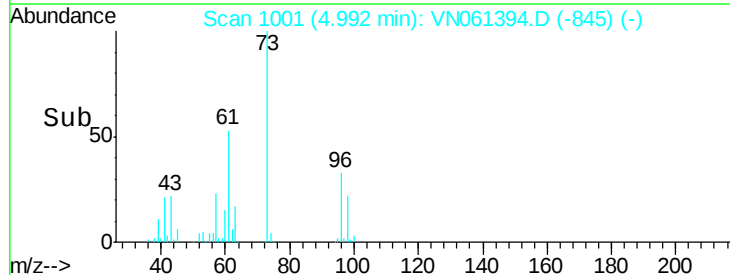
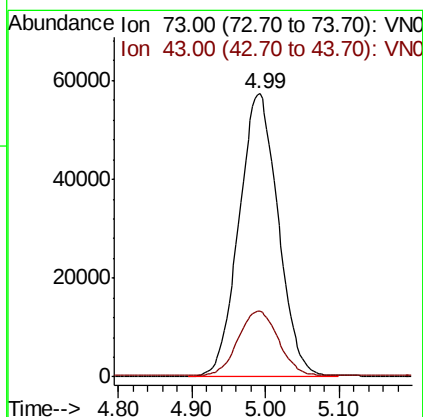
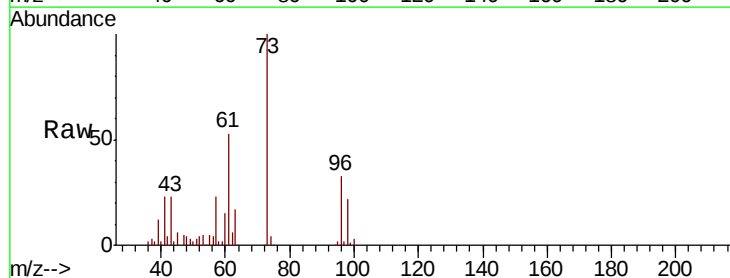
Tot Ion: 59 Resp: 47661
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

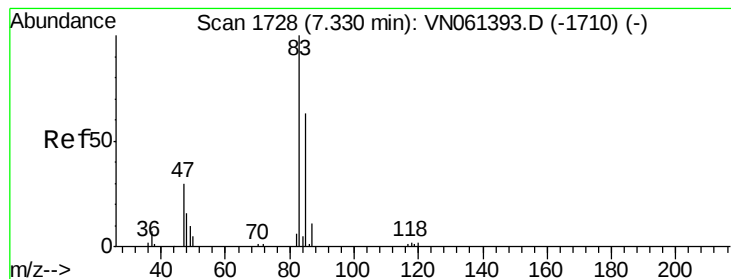


#24

Methyl tert-Butyl Ether
 Concen: 54.660 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 73 Resp: 212748
 Ion Ratio Lower Upper
 73 100
 43 23.3 17.9 26.9





#25

Chloroform

Concen: 54.258 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

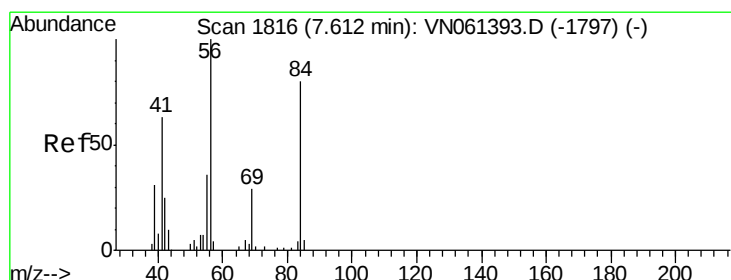
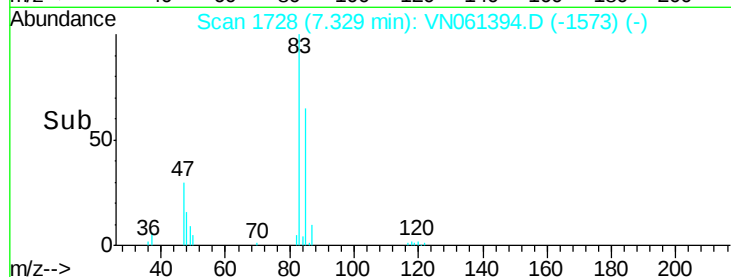
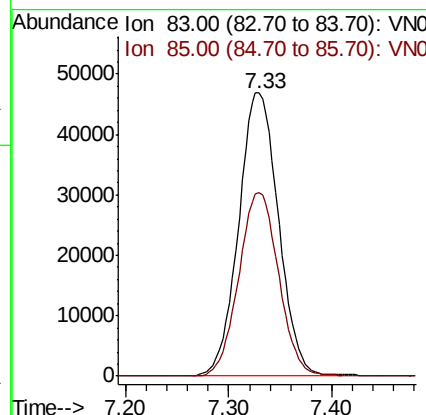
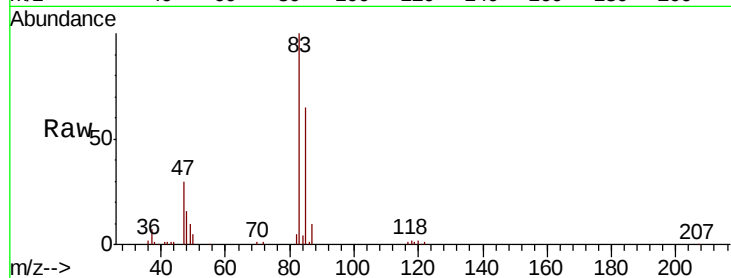
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 126058

Ion Ratio Lower Upper

83 100

85 65.0 53.8 80.8



#26

Cyclohexane

Concen: 58.515 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

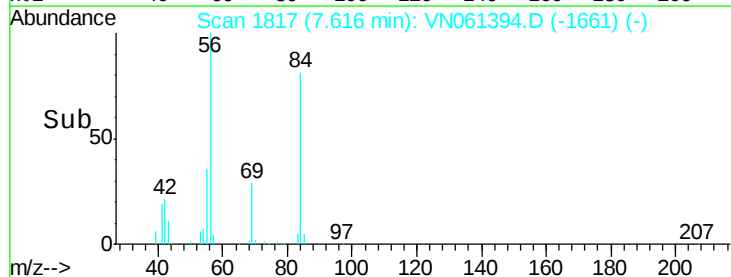
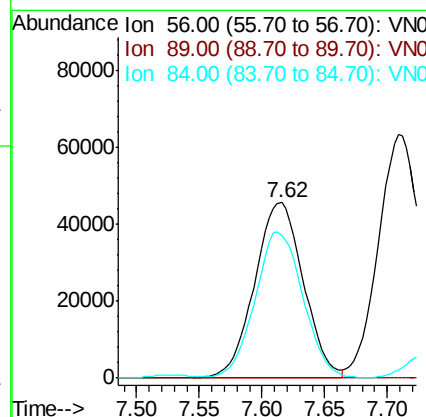
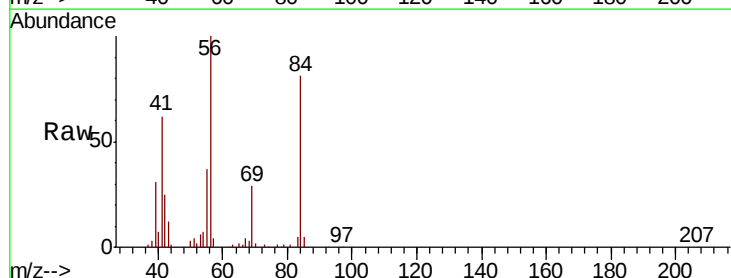
Tgt Ion: 56 Resp: 123470

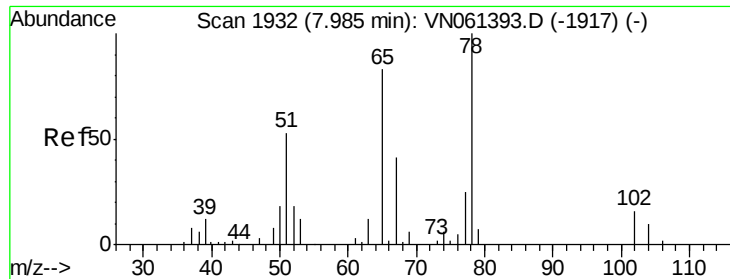
Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

84 82.3 65.6 98.4





#27

1,2-Dichloroethane-d4

Concen: 31.913 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

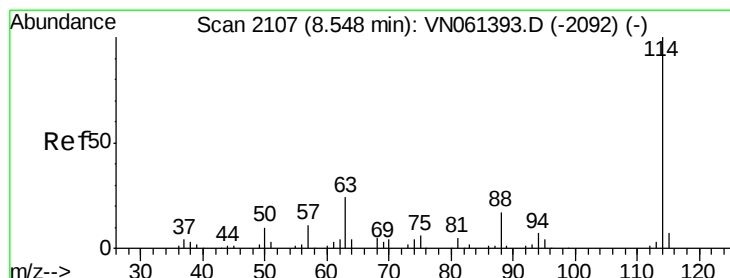
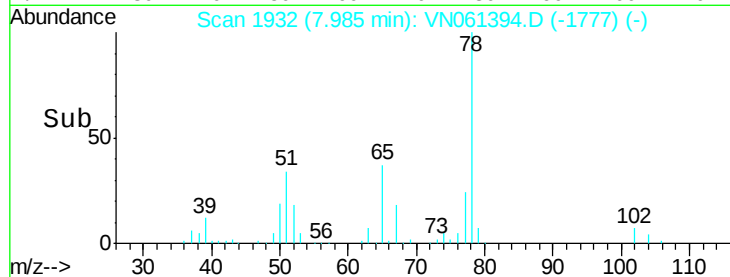
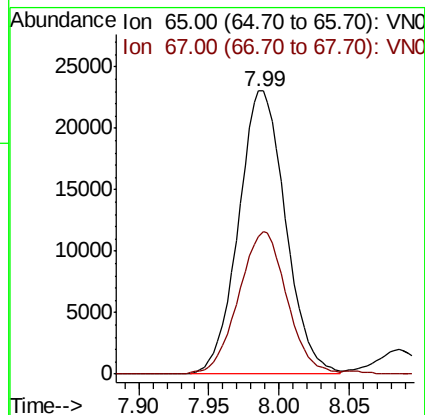
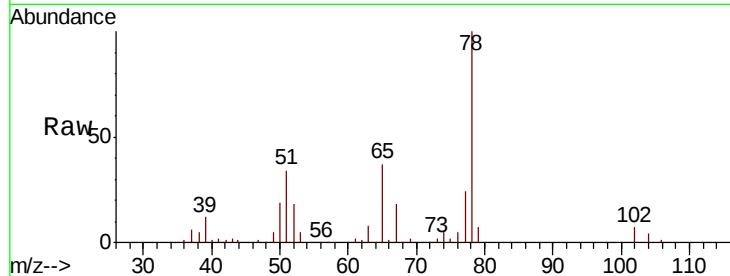
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 53801

Ion Ratio Lower Upper

65 100

67 51.5 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: VN061394.D

Acq: 14 May 2020 15:00

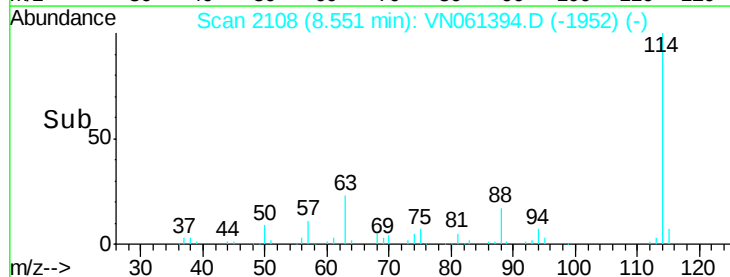
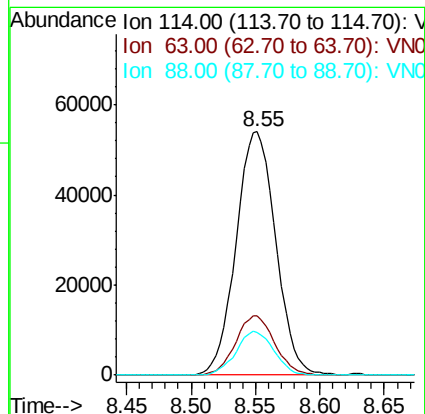
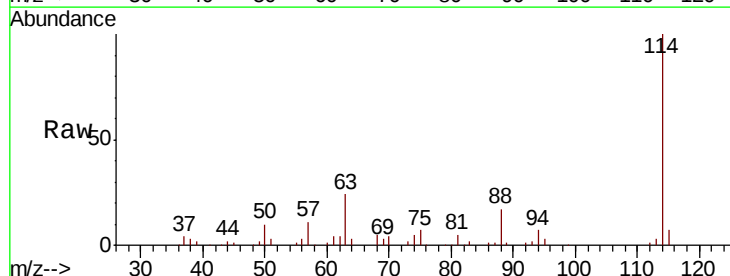
Tgt Ion: 114 Resp: 115583

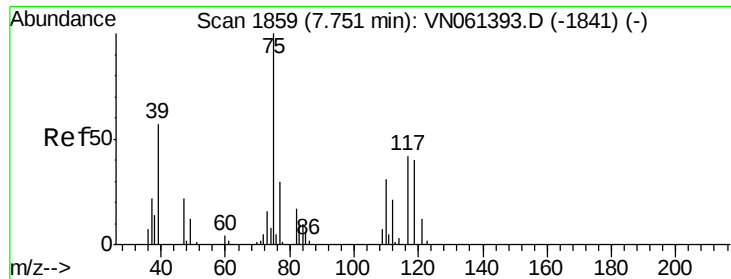
Ion Ratio Lower Upper

114 100

63 23.7 18.1 27.1

88 17.2 13.0 19.4

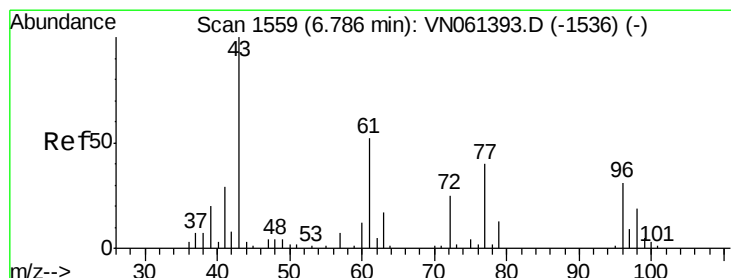
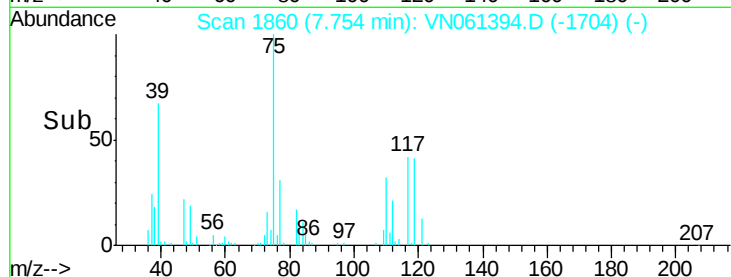
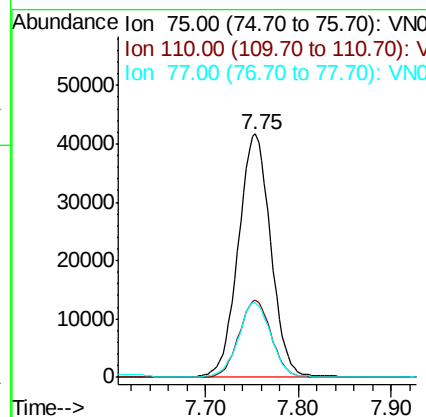
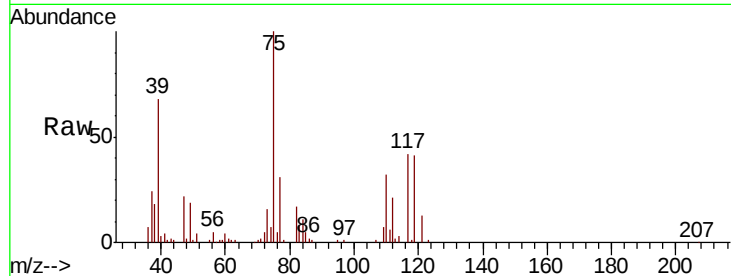




#29
 1,1-Dichloropropene
 Concen: 54.767 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

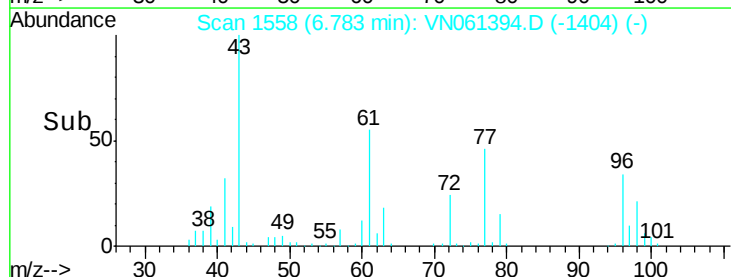
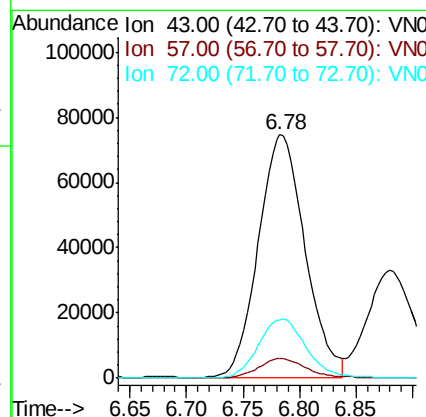
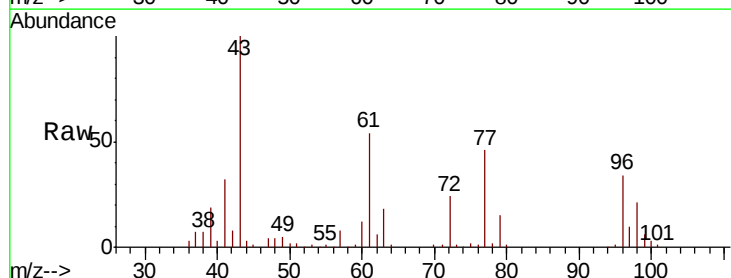
Instrument :
 MSVOA_N
 ClientSampled :

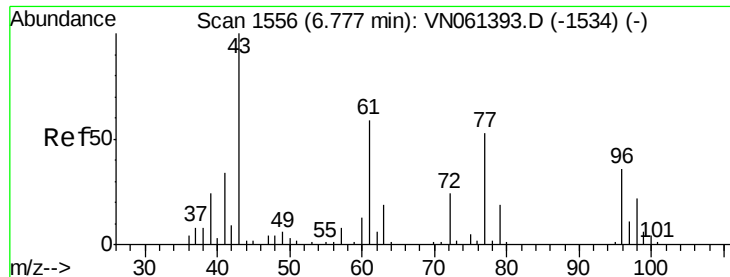
Tot Ion	Ratio	Lower	Upper
75	100		
110	31.2	0.0	64.6
77	31.0	0.0	60.8



#30
 2-Butanone
 Concen: 212.776 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.8	20.1	30.1





#31

2,2-Dichloropropane

Concen: 53.278 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

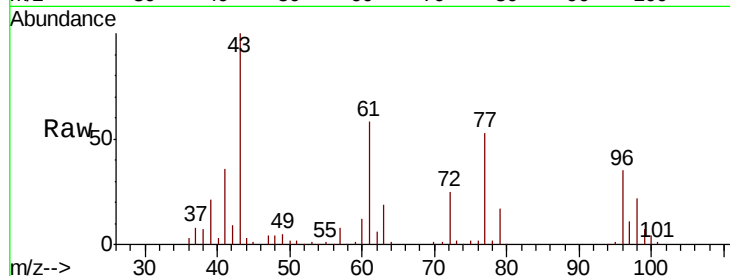
ClientSampleId :

Tot Ion: 77 Resp: 116574

Ion Ratio Lower Upper

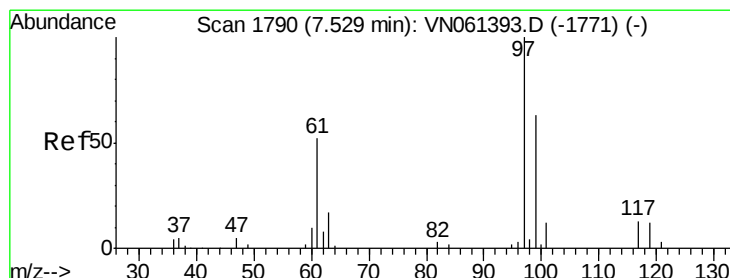
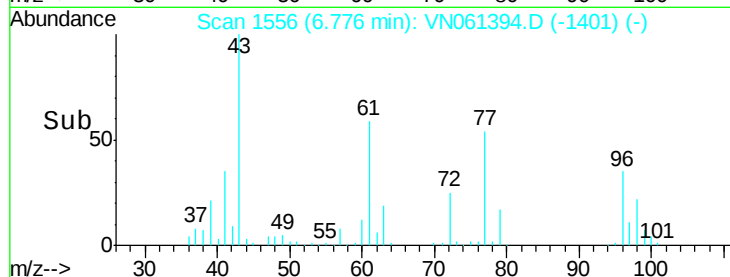
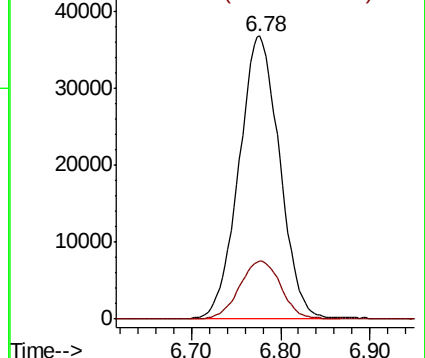
77 100

97 20.8 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: 54.037 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

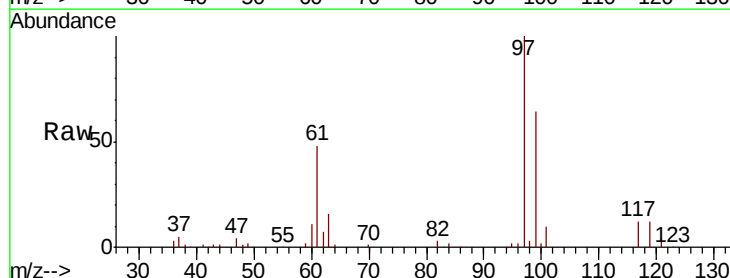
Tgt Ion: 97 Resp: 114131

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

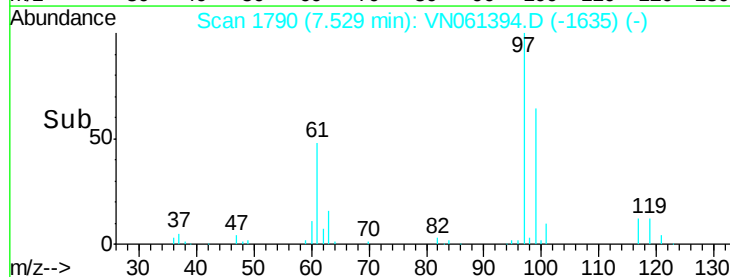
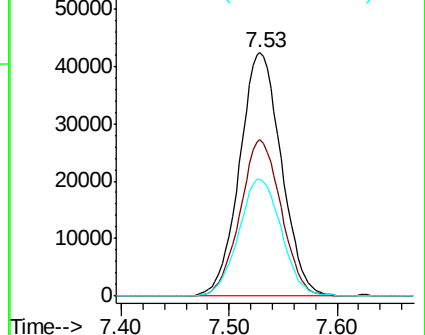
61 48.8 38.4 57.6

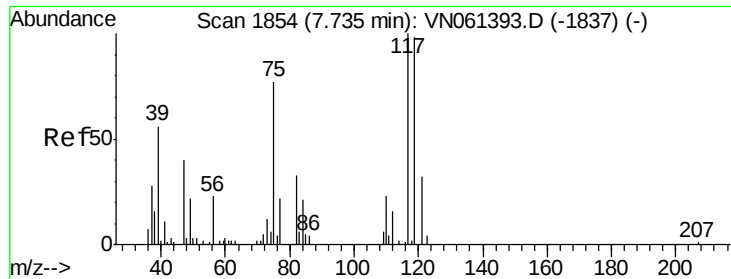


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

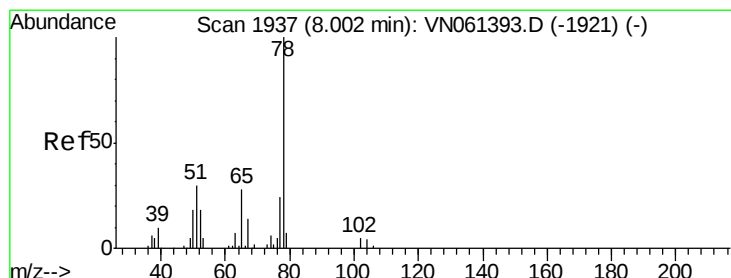
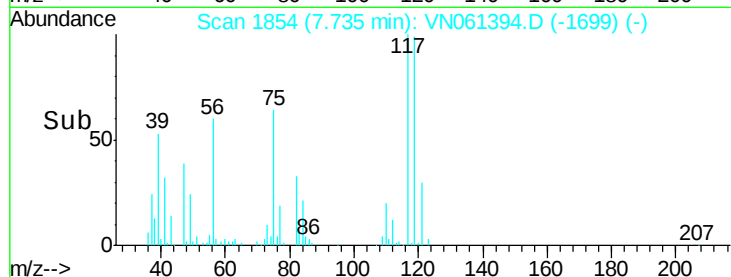
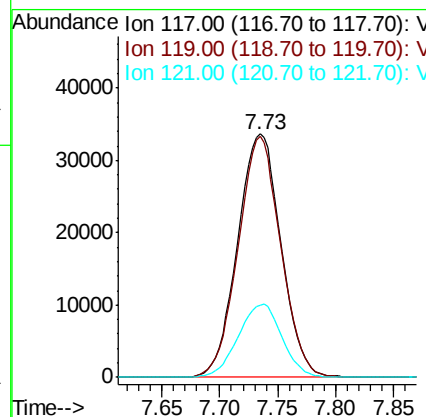
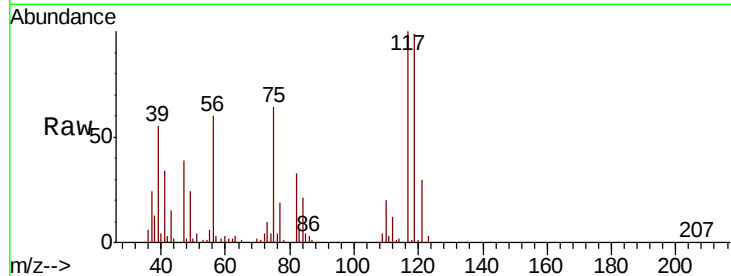




#33
Carbon Tetrachloride
Concen: 49.131 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

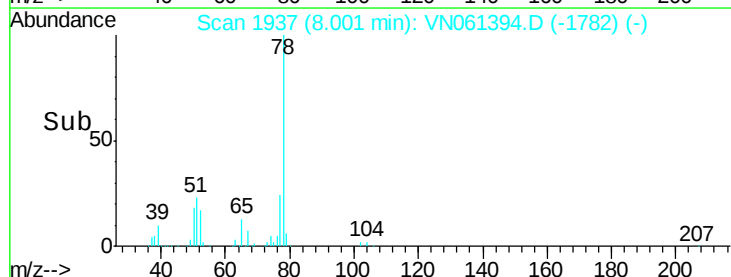
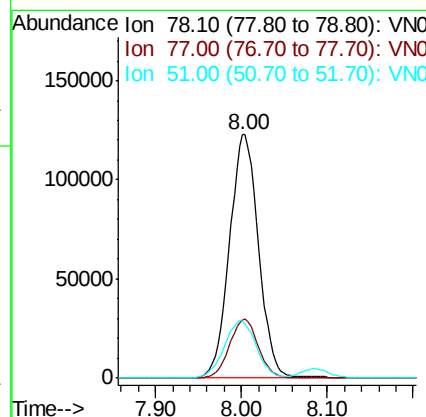
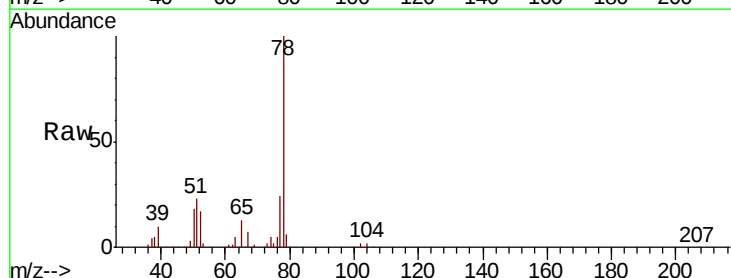
Instrument :
MSVOA_N
ClientSampleId :

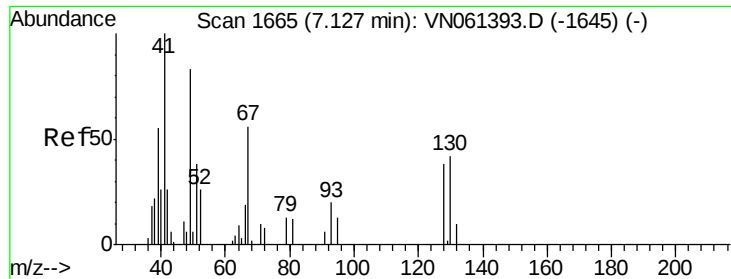
Tot Ion:117 Resp: 87436
Ion Ratio Lower Upper
117 100
119 98.8 76.9 115.3
121 29.8 23.8 35.8



#34
Benzene
Concen: 53.286 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 78 Resp: 288154
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 23.2 22.1 33.1

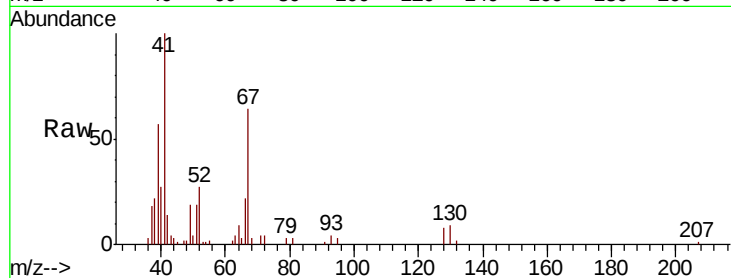




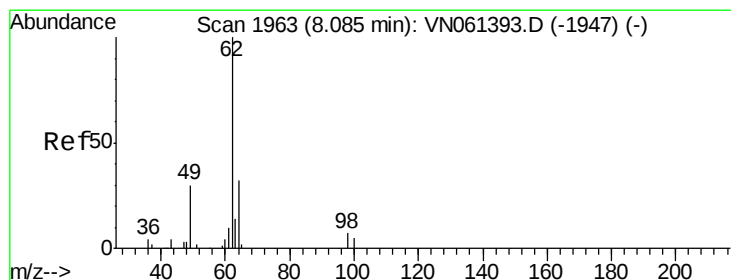
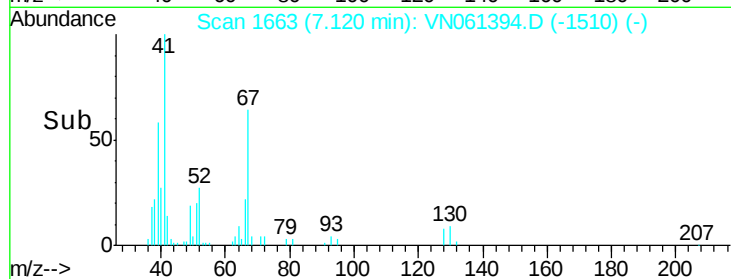
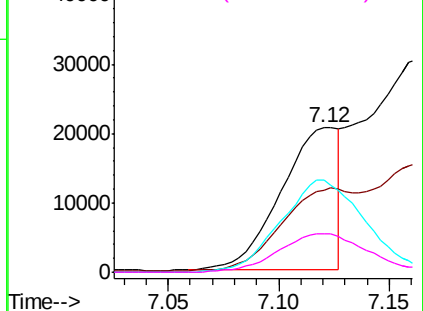
#35
Methacrylonitrile
Concen: 39.694 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	37194
Ion	Ratio	Lower	Upper
41	100		
39	56.7	25.8	77.4
67	64.5	23.0	69.0
52	27.5	10.1	30.1

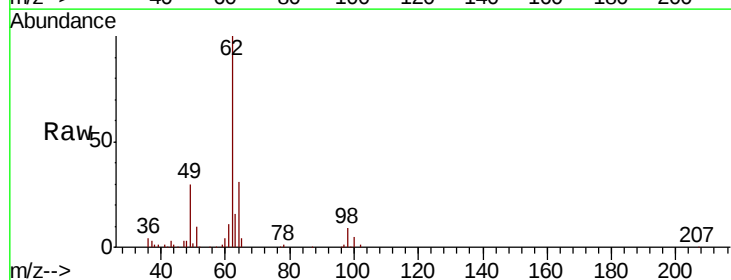


Abundance Ion 41.00 (40.70 to 41.70): VN061394.D (-1645) (-)

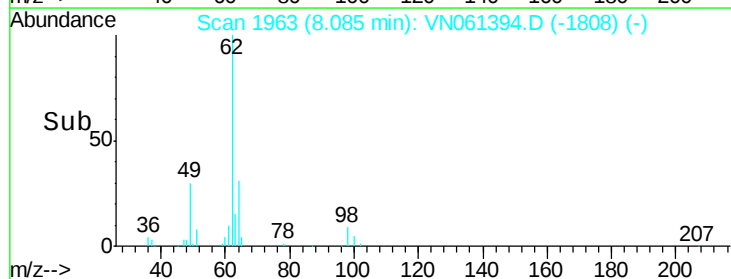
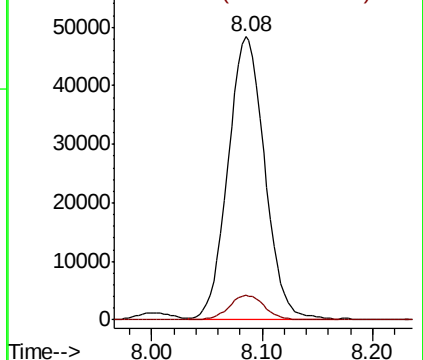


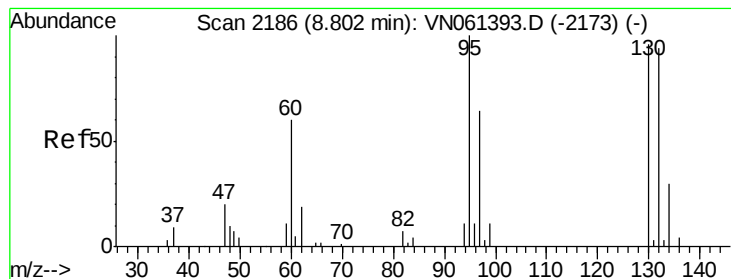
#36
1,2-Dichloroethane
Concen: 53.794 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion:	62	Resp:	111197
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.4	9.6



Abundance Ion 62.00 (61.70 to 62.70): VN061394.D (-1808) (-)





#37

Trichloroethene

Concen: 53.975 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

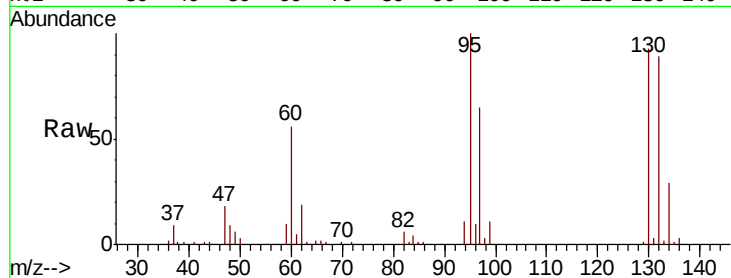
ClientSampled :

Tot Ion:130 Resp: 71368

Ion Ratio Lower Upper

130 100

95 107.5 83.2 124.8

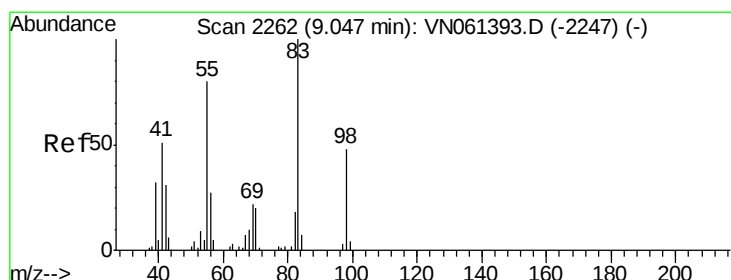
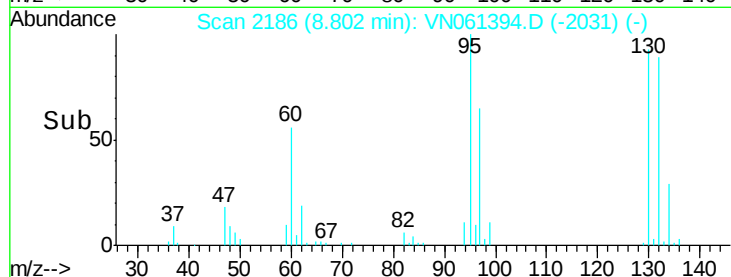


Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VNO



Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 55.284 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

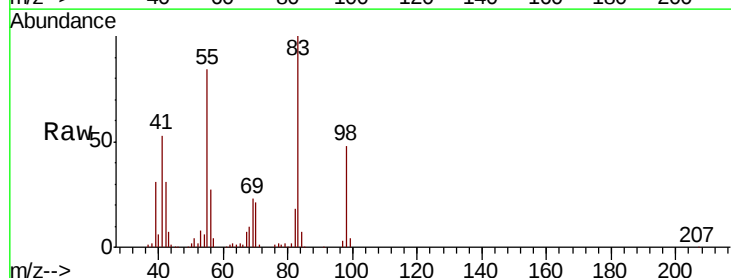
Tgt Ion: 83 Resp: 119921

Ion Ratio Lower Upper

83 100

55 82.6 40.4 121.1

98 47.3 21.6 65.0



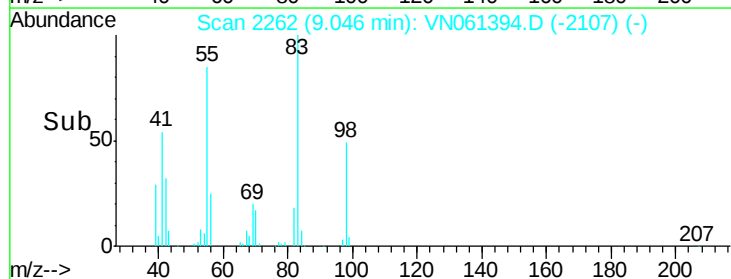
Abundance Ion 83.00 (82.70 to 83.70): VNO

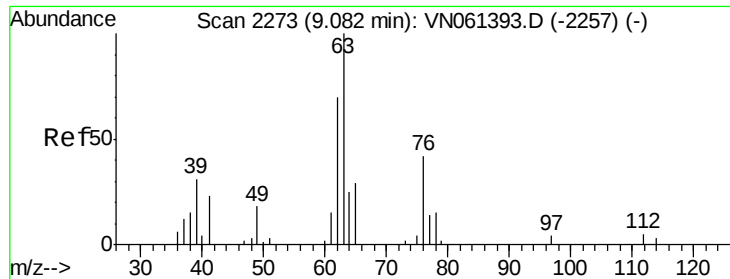
Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



Time--> 8.95 9.00 9.05 9.10 9.15

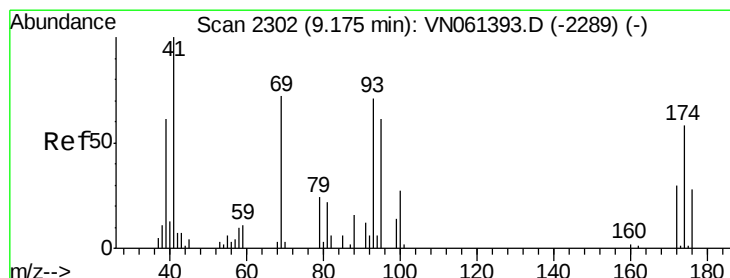
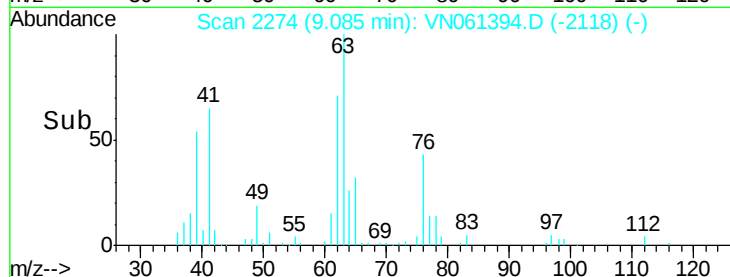
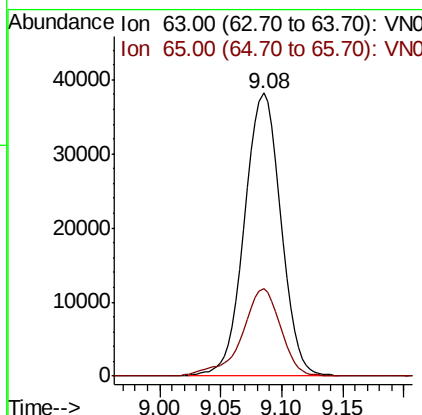
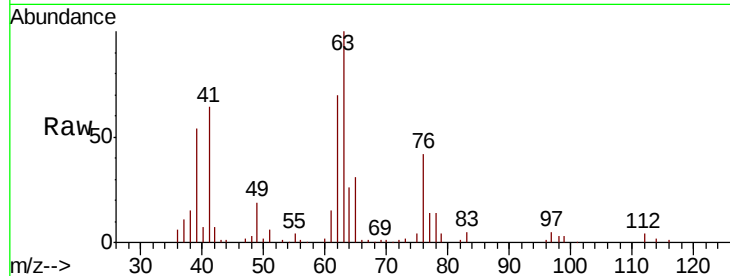




#39
 1,2-Dichloropropane
 Concen: 53.416 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

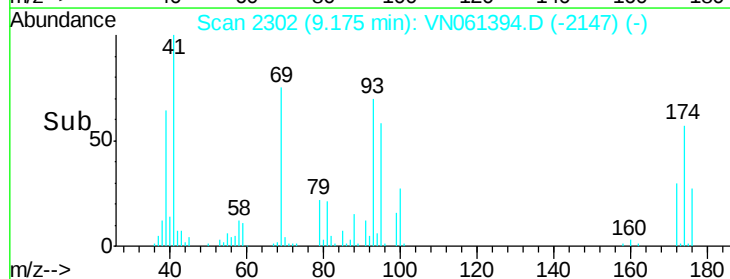
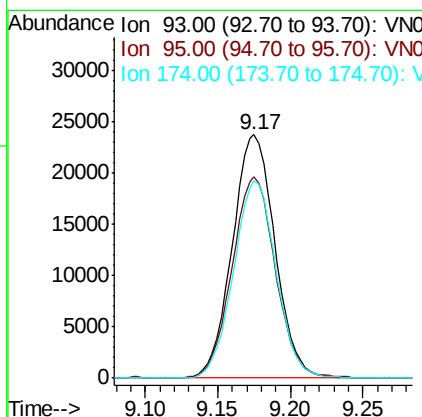
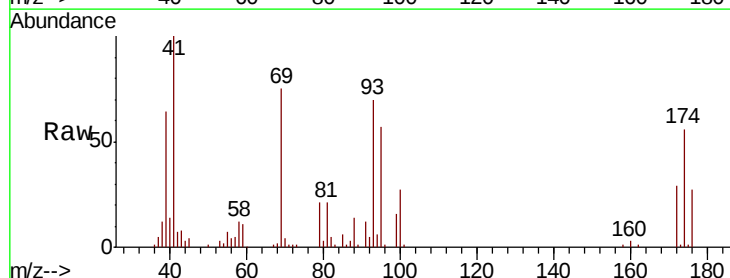
Instrument :
 MSVOA_N
 ClientSampleId :

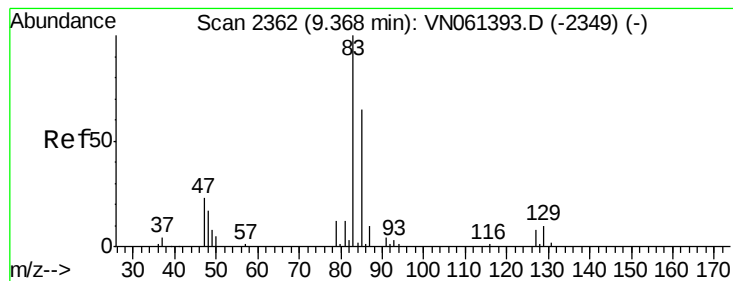
Tot Ion: 63 Resp: 79005
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.8 35.6



#40
 Dibromomethane
 Concen: 52.468 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 93 Resp: 48428
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 167.6
 174 81.0 0.0 187.2





#41

Bromodichloromethane

Concen: 55.974 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

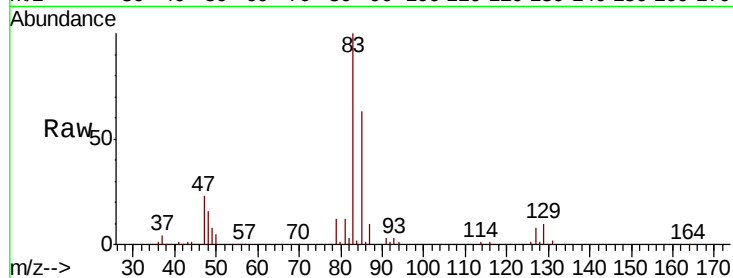
Tot Ion: 83 Resp: 107479

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.4

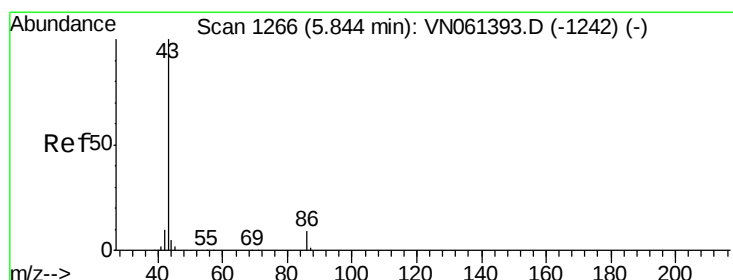
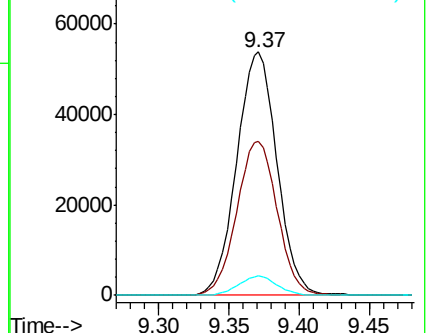
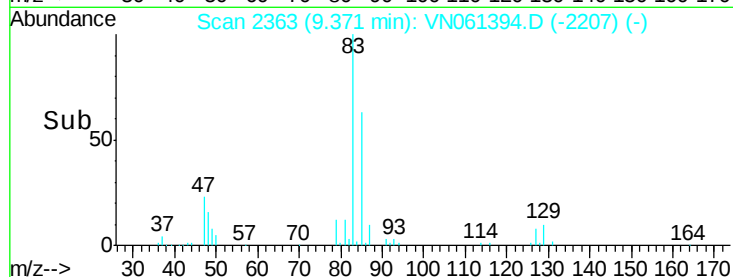
127 7.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN061394.D (-2207) (-)

Ion 85.00 (84.70 to 85.70): VN061394.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VN061394.D (-2207) (-)



#42

Vinyl Acetate

Concen: 281.162 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061394.D

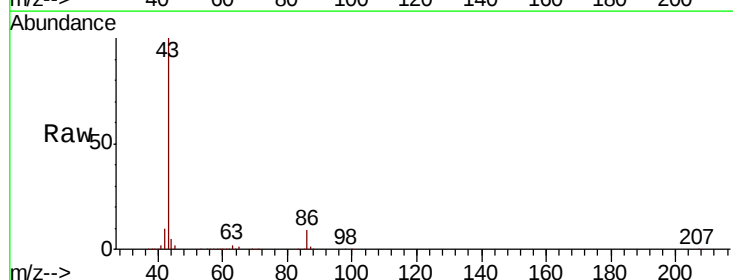
Acq: 14 May 2020 15:00

Tgt Ion: 43 Resp: 1025901

Ion Ratio Lower Upper

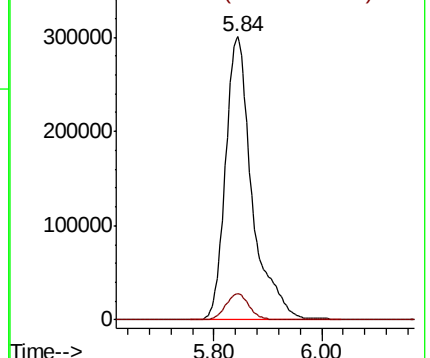
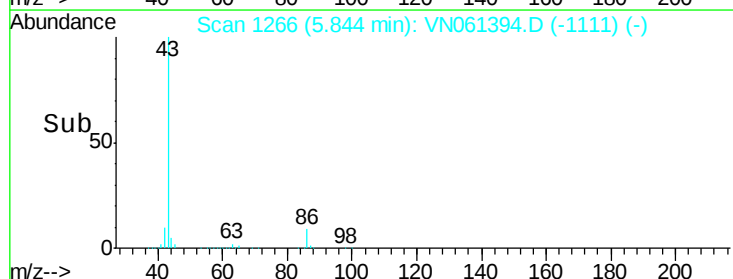
43 100

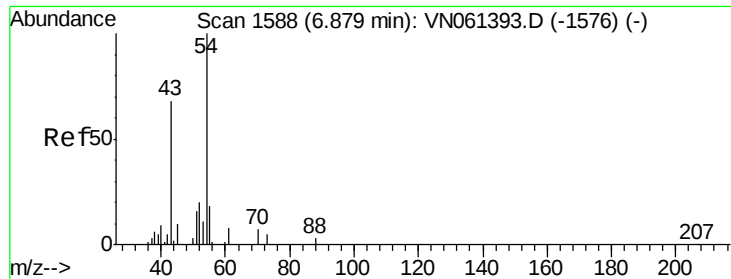
86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN061394.D (-1111) (-)

Ion 86.00 (85.70 to 86.70): VN061394.D (-1111) (-)

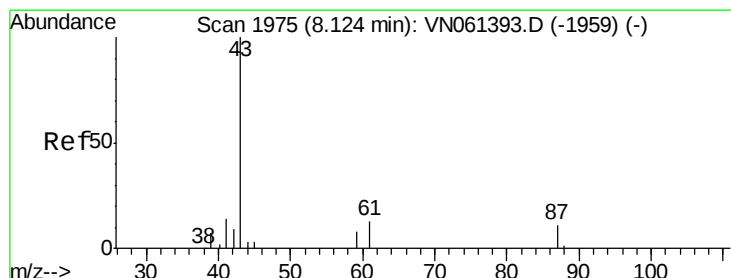
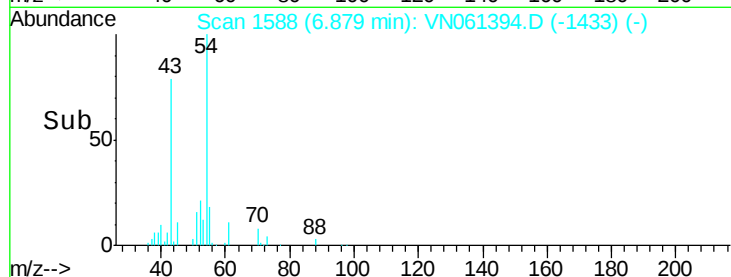
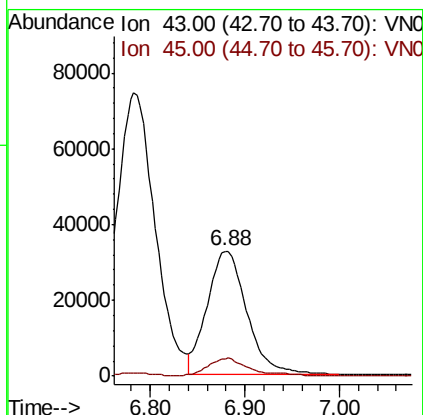
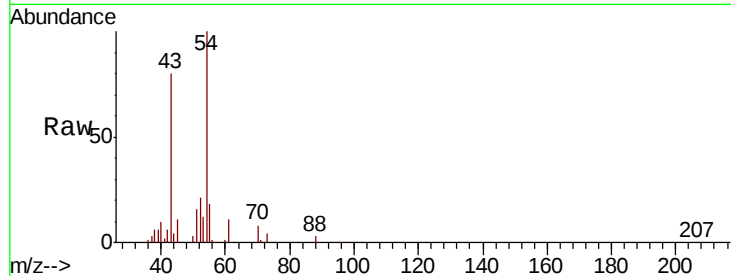




#43
Ethyl Acetate
Concen: 47.605 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

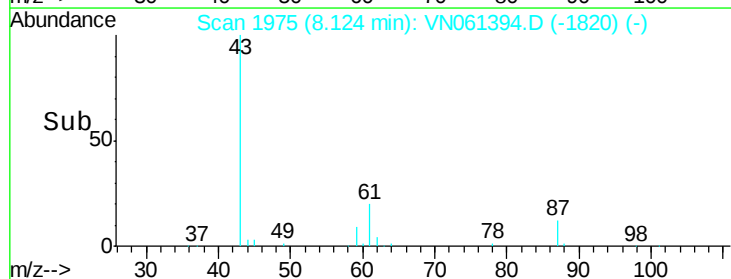
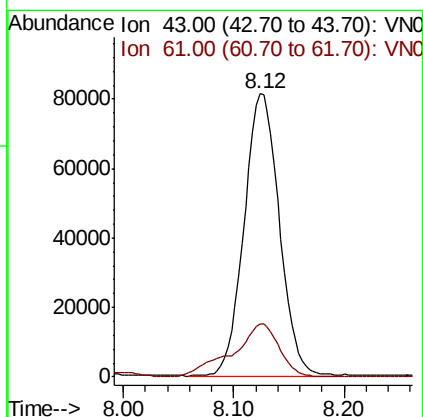
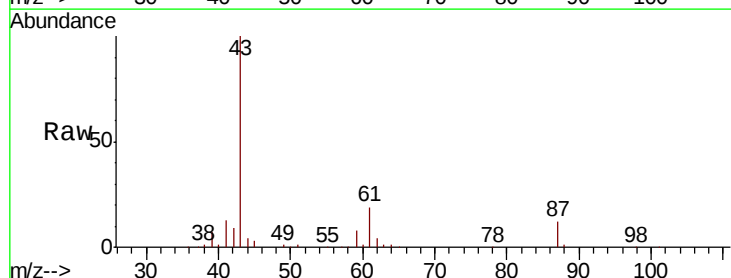
Instrument :
MSVOA_N
ClientSampled :

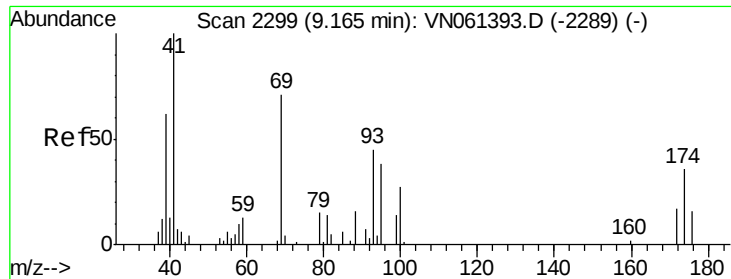
Tot Ion: 43 Resp: 95134
Ion Ratio Lower Upper
43 100
45 12.4 9.7 14.5



#44
Isopropyl Acetate
Concen: 53.869 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 43 Resp: 179471
Ion Ratio Lower Upper
43 100
61 25.1 19.9 29.9

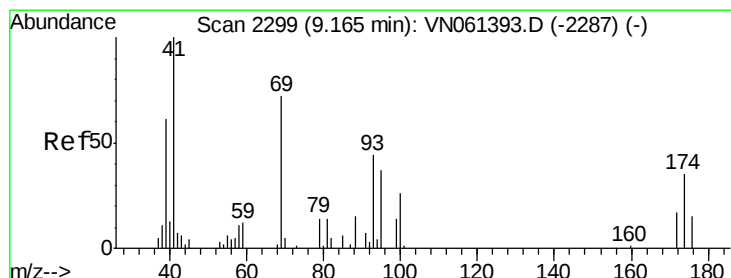
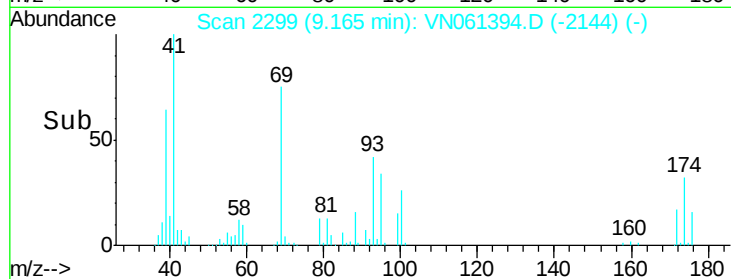
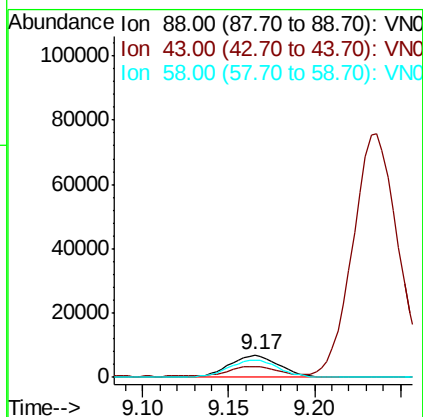
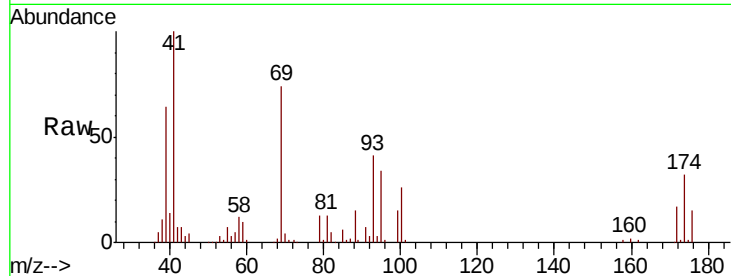




#45
 1,4-Dioxane
 Concen: 607.080 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

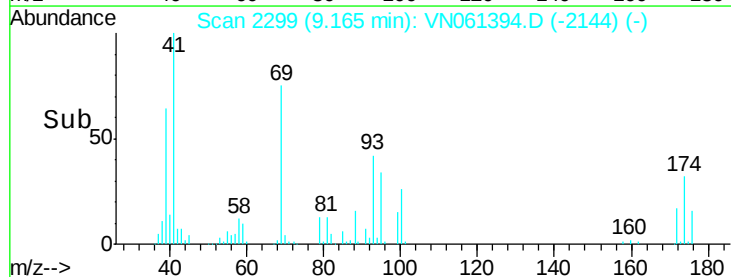
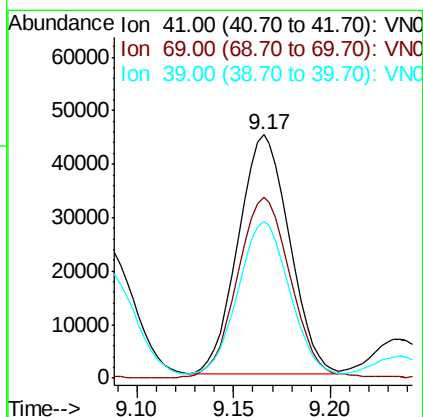
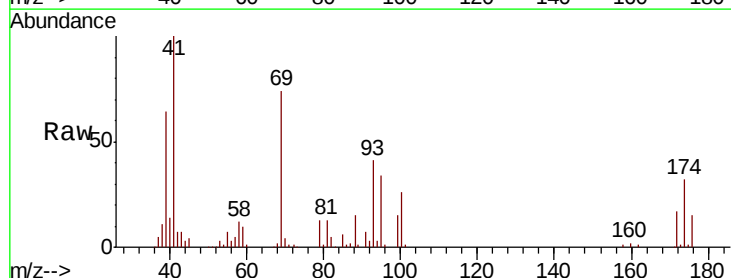
Instrument :
 MSVOA_N
 ClientSampleId :

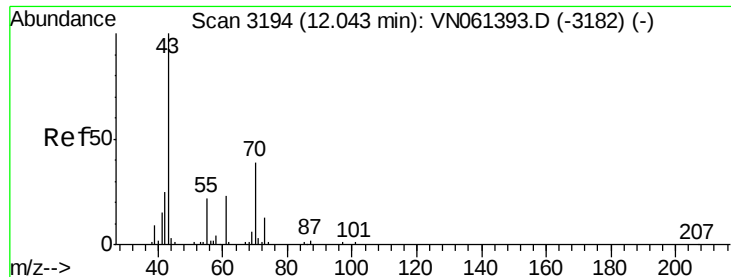
Tot Ion: 88 Resp: 13894
 Ion Ratio Lower Upper
 88 100
 43 42.7 29.8 44.8
 58 77.7 58.2 87.4



#46
 Methyl methacrylate
 Concen: 53.516 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 41 Resp: 82455
 Ion Ratio Lower Upper
 41 100
 69 74.8 40.2 120.5
 39 63.9 29.9 89.8





#47

n-amvl Acetate

Concen: 54.833 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

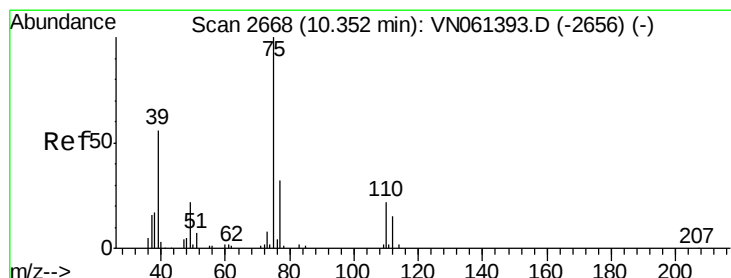
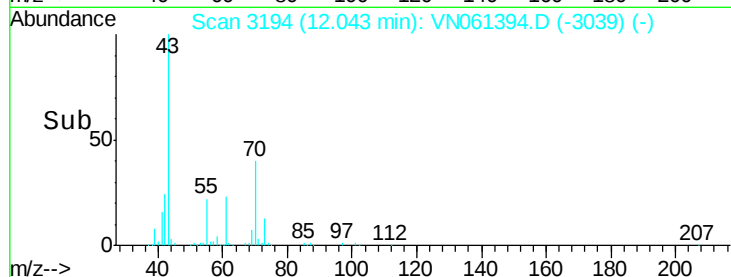
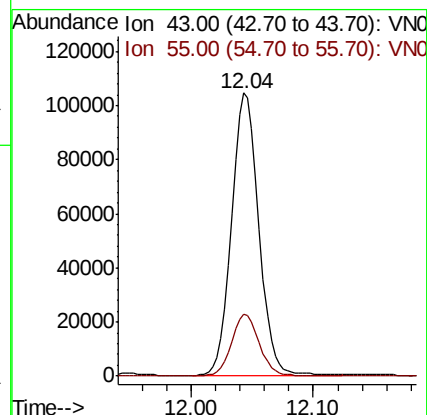
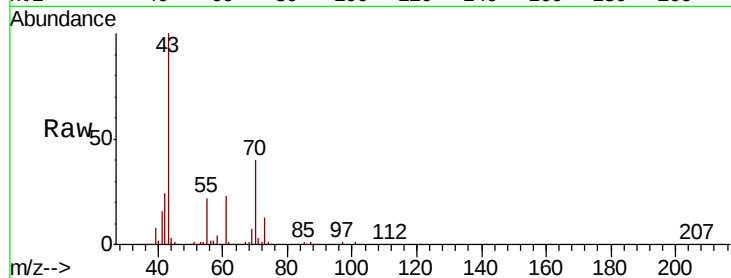
ClientSampleId :

Tot Ion: 43 Resp: 162172

Ion Ratio Lower Upper

43 100

55 22.0 19.6 29.4



#48

t-1,3-Dichloropropene

Concen: 56.721 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061394.D

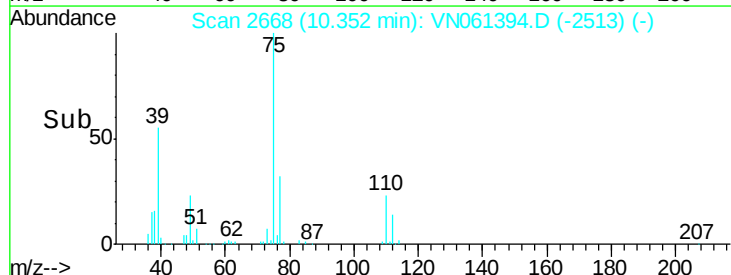
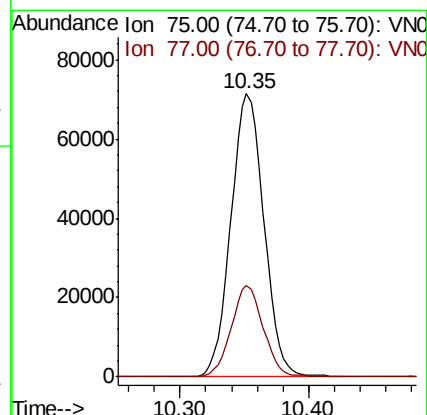
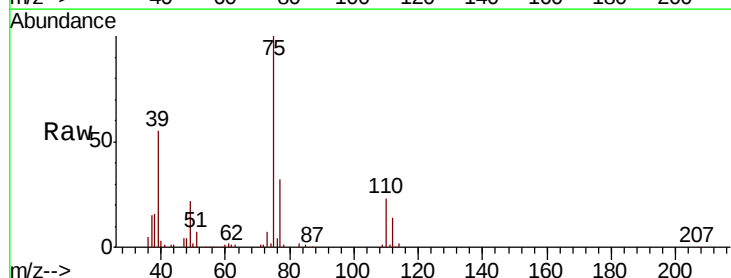
Acq: 14 May 2020 15:00

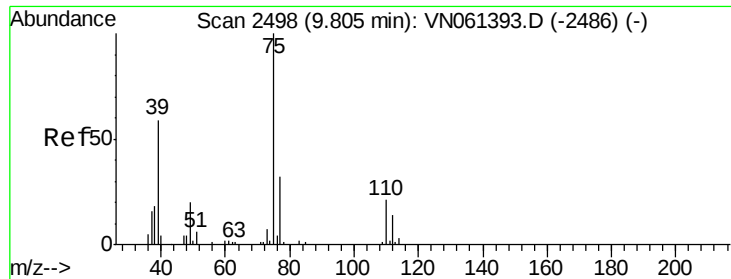
Tgt Ion: 75 Resp: 127199

Ion Ratio Lower Upper

75 100

77 32.3 27.0 40.4



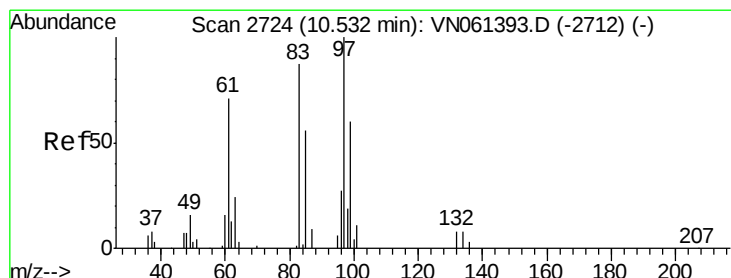
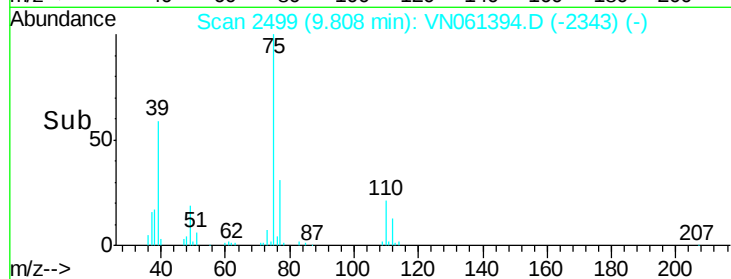
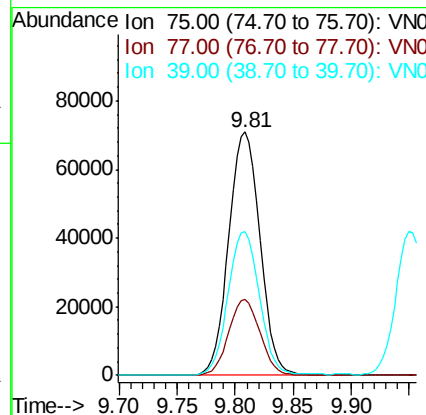
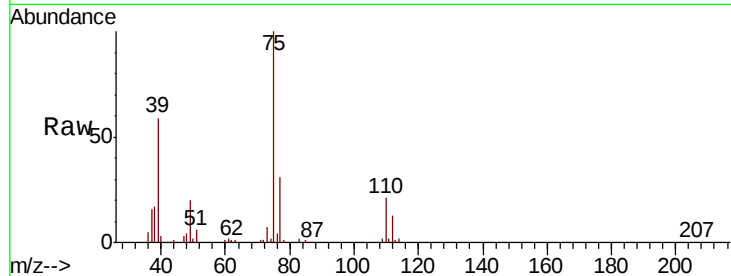


#49

cis-1,3-Dichloropropene
 Concen: 56.574 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Instrument :
 MSVOA_N
 ClientSampled :

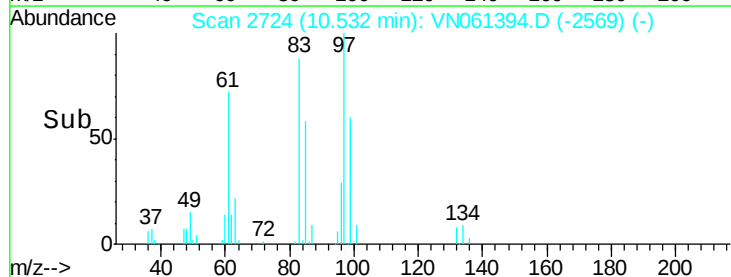
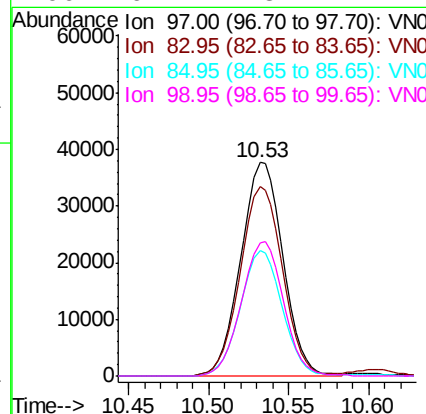
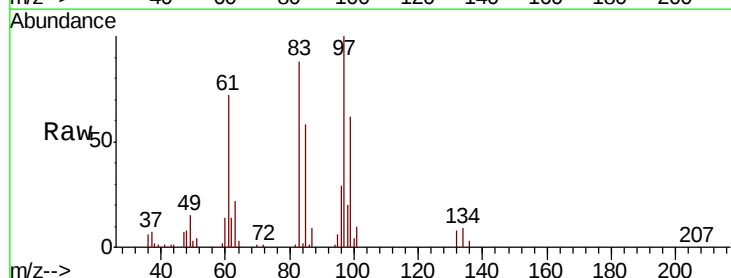
Tot Ion	75	Resp	132767
Ion Ratio	Lower	Upper	
75	100		
77	31.4	26.1	39.1
39	58.7	43.1	64.7

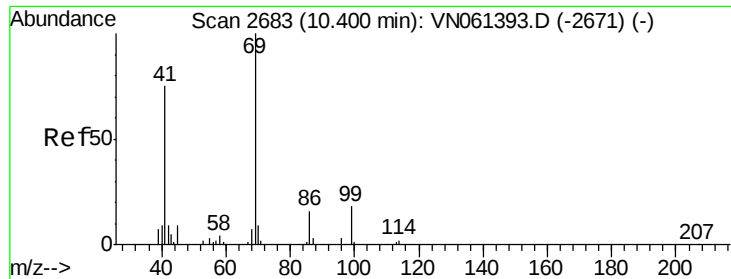


#50

1,1,2-Trichloroethane
 Concen: 51.850 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion	97	Resp	67955
Ion Ratio	Lower	Upper	
97	100		
83	88.5	70.7	106.1
85	58.5	45.1	67.7
99	62.1	48.2	72.4





#51

Ethyl methacrylate

Concen: 54.979 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

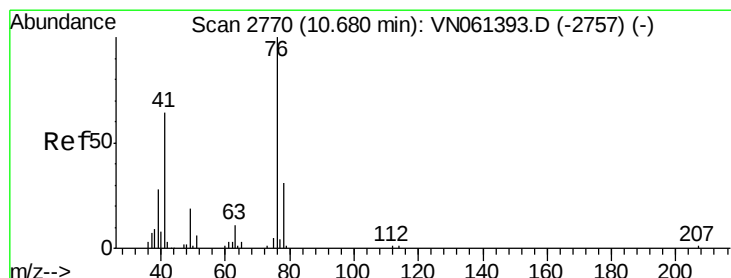
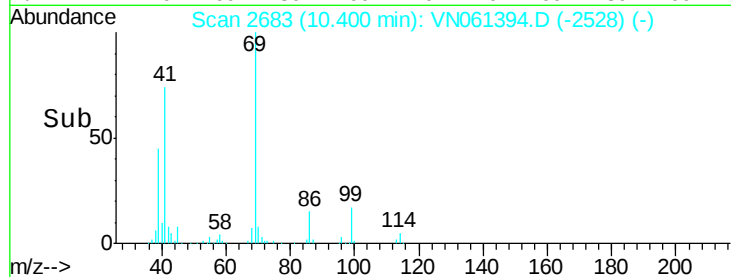
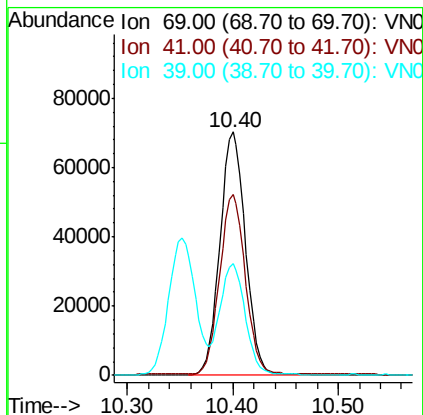
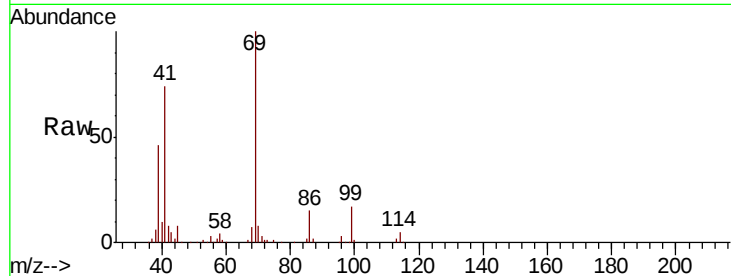
Tot Ion: 69 Resp: 118080

Ion Ratio Lower Upper

69 100

41 73.8 34.7 104.1

39 45.3 20.3 60.8



#52

1,3-Dichloropropane

Concen: 53.176 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061394.D

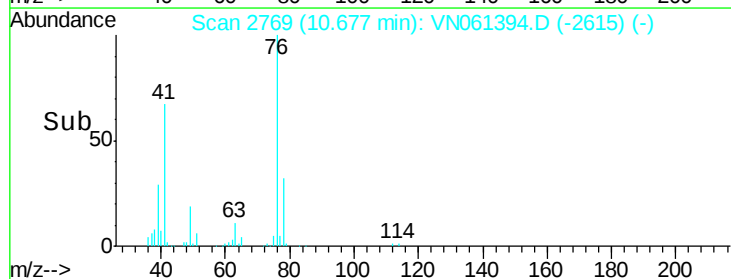
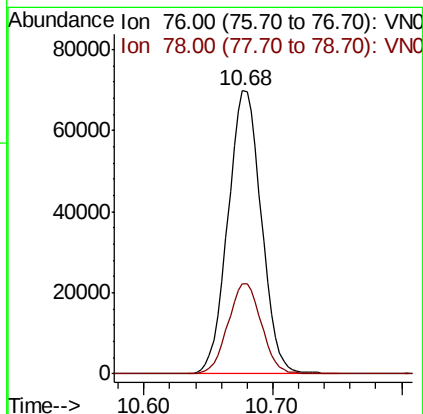
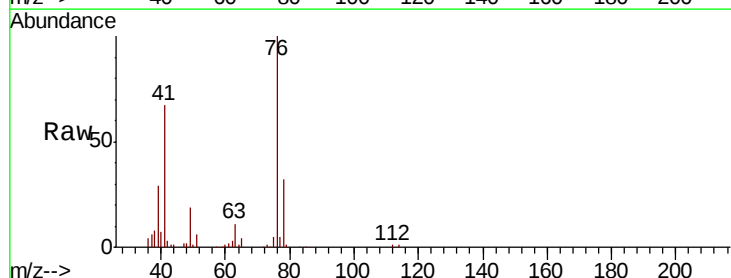
Acq: 14 May 2020 15:00

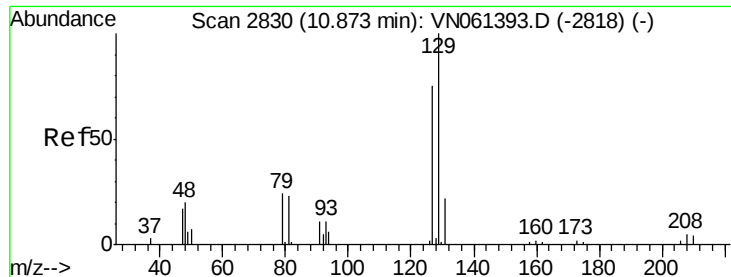
Tgt Ion: 76 Resp: 125820

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.2

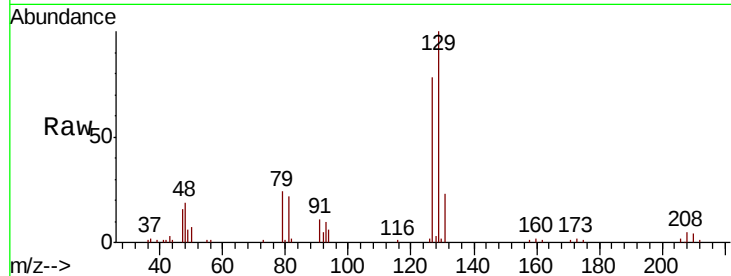




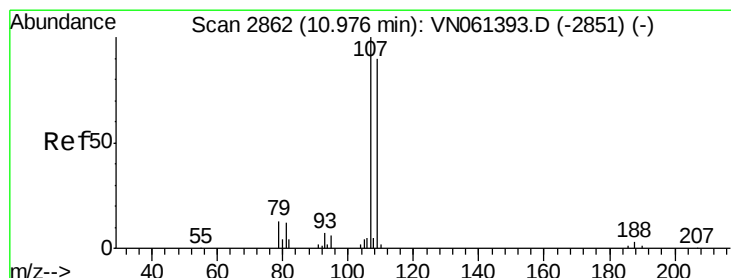
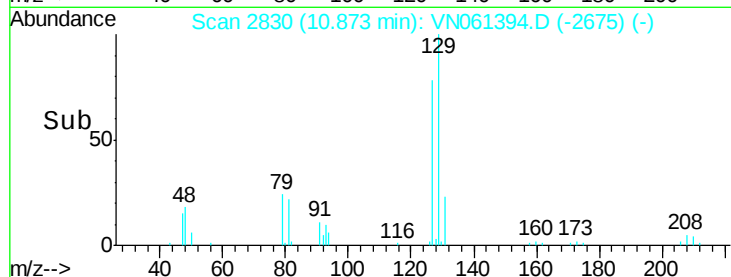
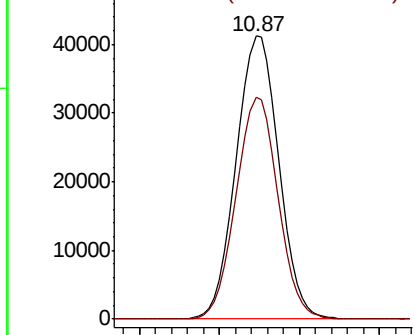
#53
Dibromochloromethane
Concen: 52.952 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:129 Resp: 75060
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5

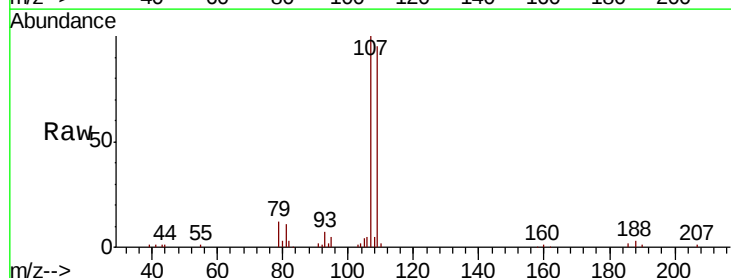


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

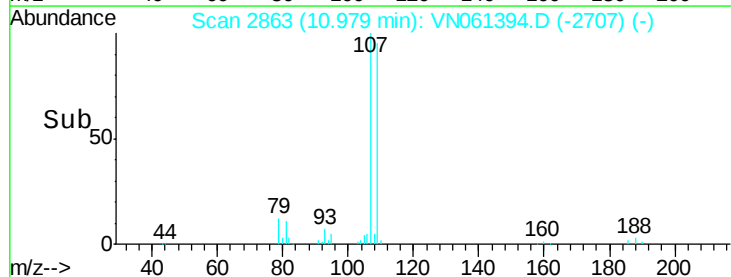
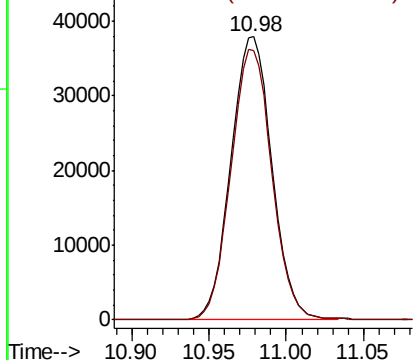


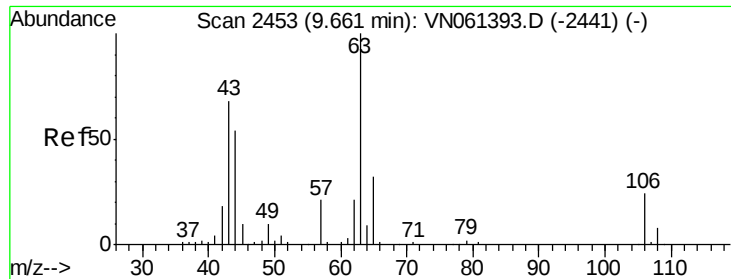
#54
1,2-Dibromoethane
Concen: 51.231 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion:107 Resp: 69814
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

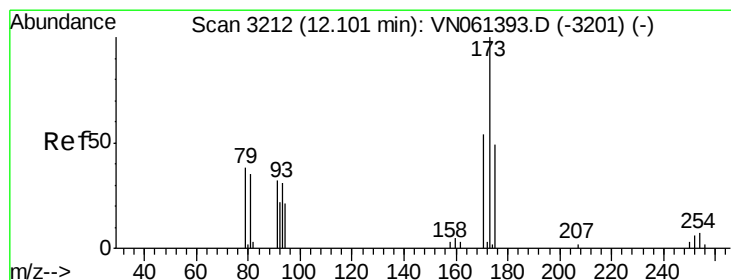
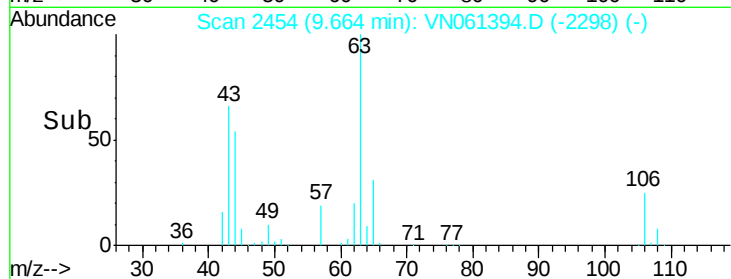
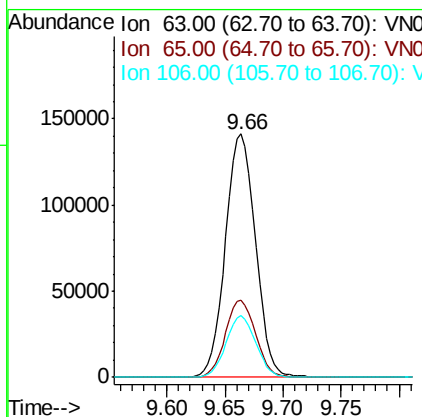
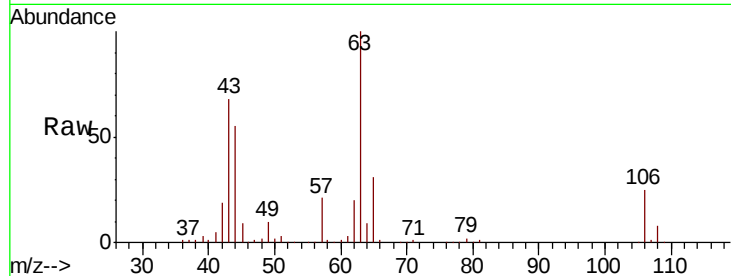




#55
2-Chloroethyl vinyl ether
Concen: 248.473 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

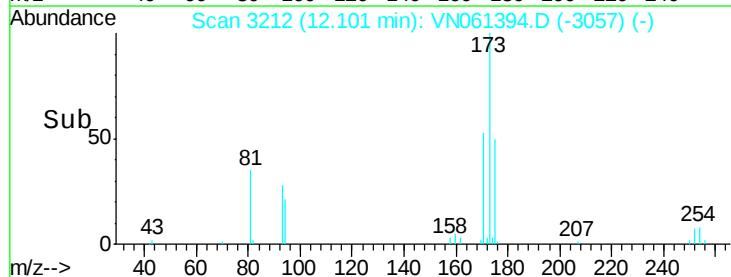
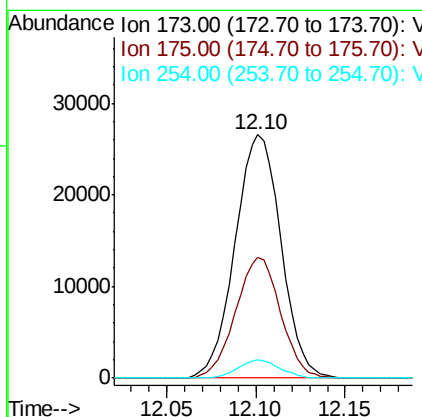
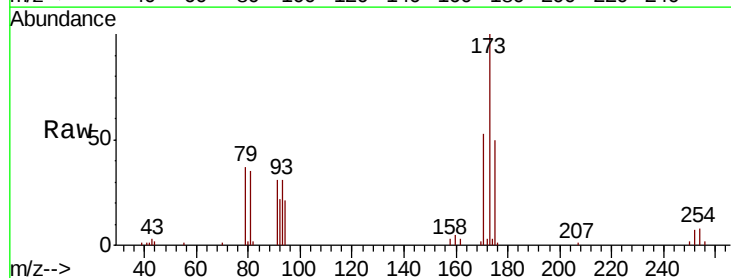
Instrument :
MSVOA_N
ClientSampleId :

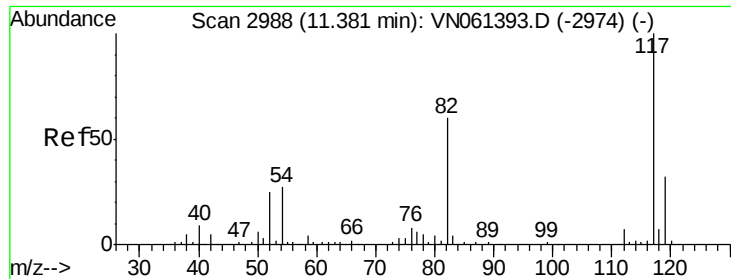
Tot Ion: 63 Resp: 254736
Ion Ratio Lower Upper
63 100
65 31.9 25.3 37.9
106 25.0 19.8 29.6



#56
Bromoform
Concen: 49.227 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 173 Resp: 47649
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 6.7 7.4 11.2#

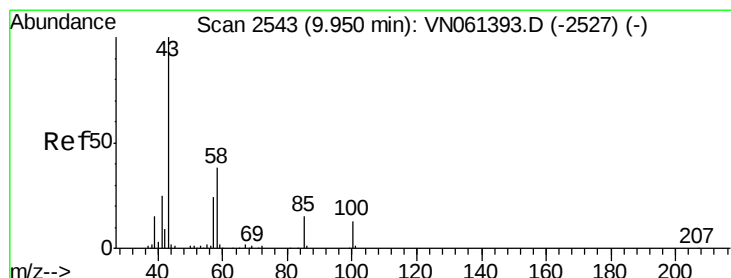
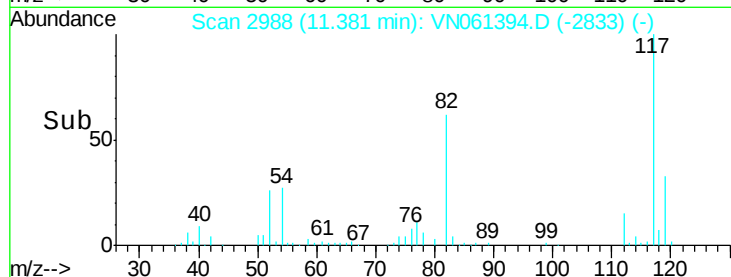
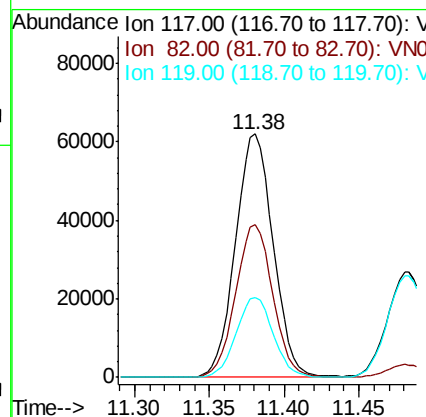
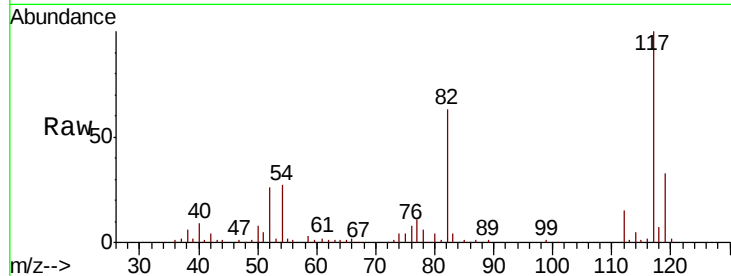




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

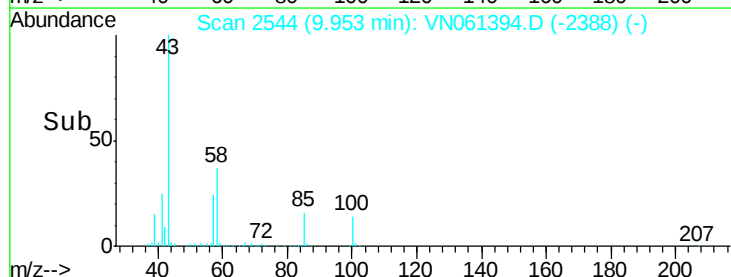
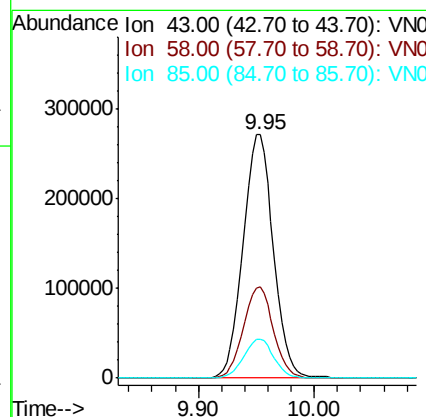
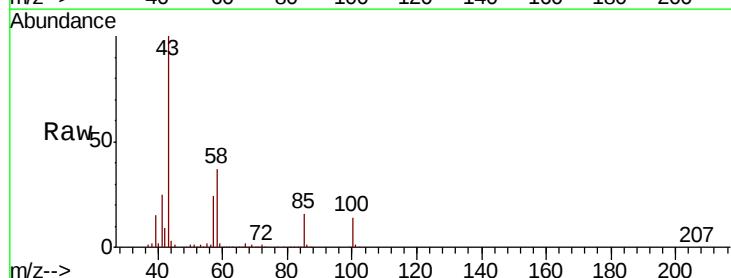
Instrument :
MSVOA_N
ClientSampled :

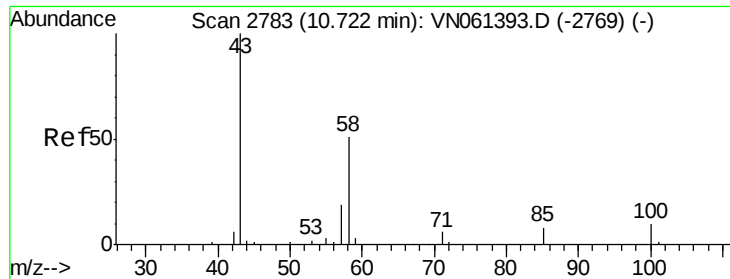
Tot Ion:117 Resp: 108971
Ion Ratio Lower Upper
117 100
82 61.8 46.9 70.3
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 250.087 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 43 Resp: 489655
Ion Ratio Lower Upper
43 100
58 37.4 30.1 45.1
85 16.1 13.2 19.8

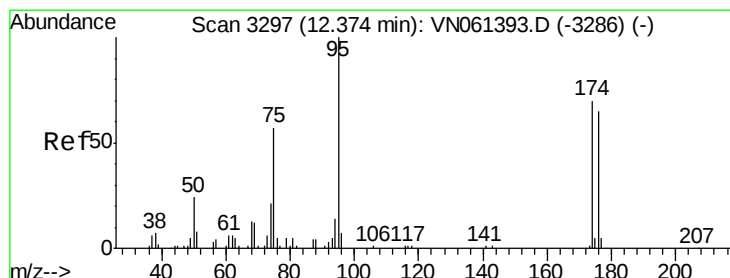
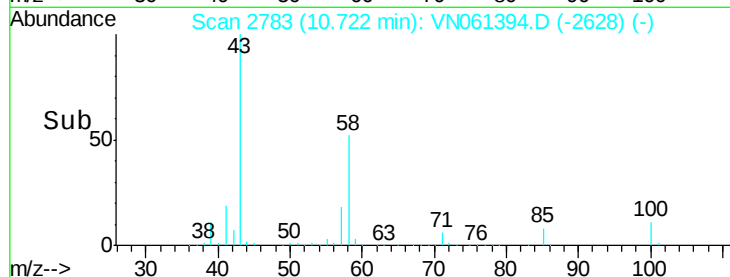
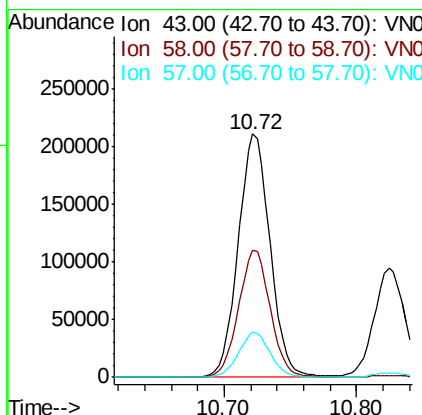
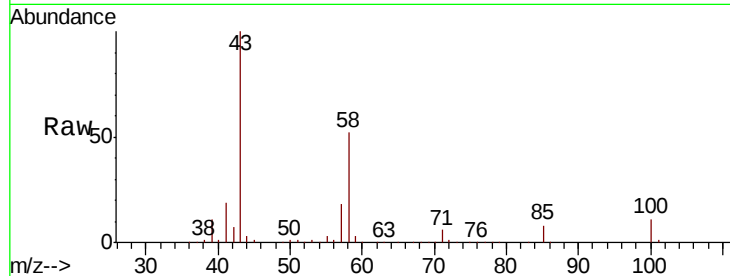




#59
2-Hexanone
Concen: 231.326 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

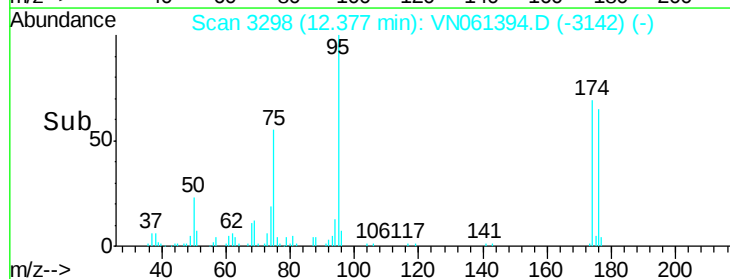
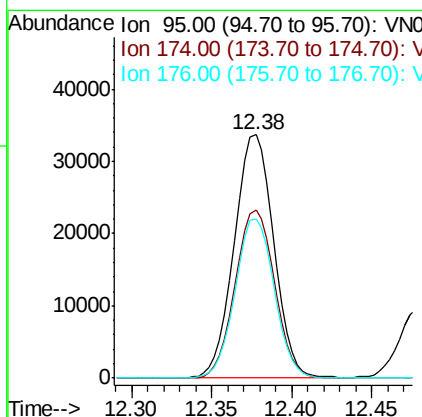
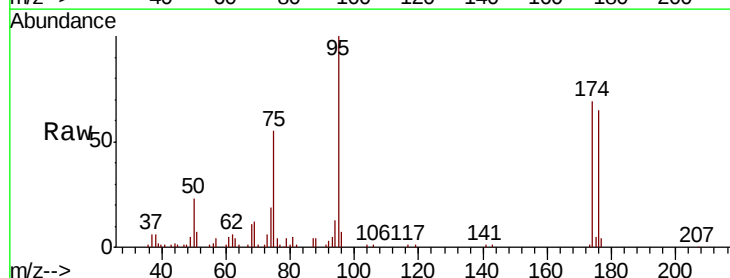
Instrument :
MSVOA_N
ClientSampleId :

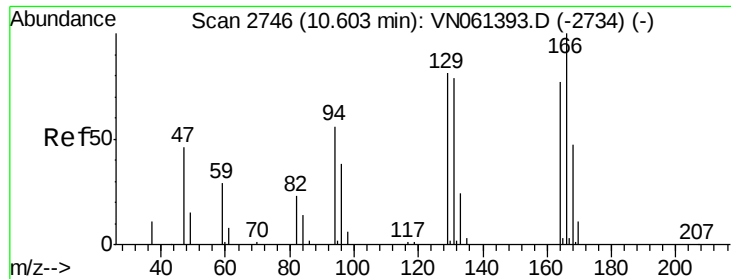
Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.4	62.0
57	18.5	14.7	22.1



#60
4-Bromofluorobenzene
Concen: 30.072 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.8	59.9	89.9
176	64.5	58.3	87.5





#61

Tetrachloroethene

Concen: 57.769 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 68977

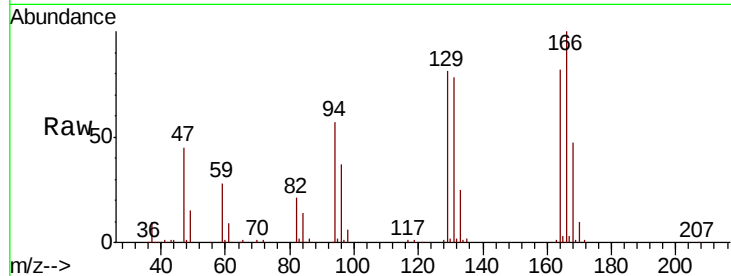
Ion Ratio Lower Upper

164 100

166 122.3 101.4 152.2

129 99.1 78.1 117.1

131 95.6 73.2 109.8

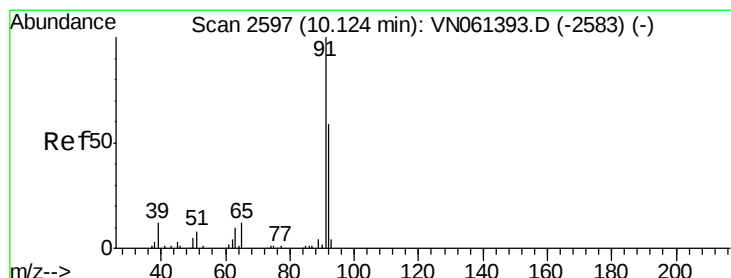
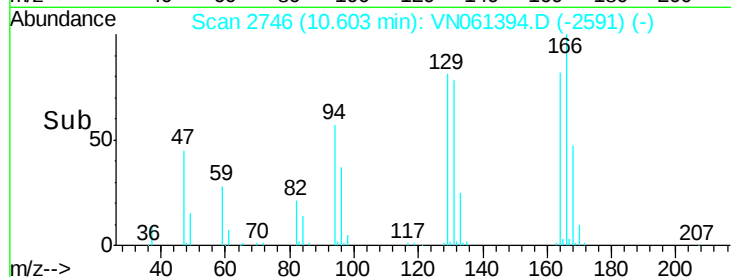
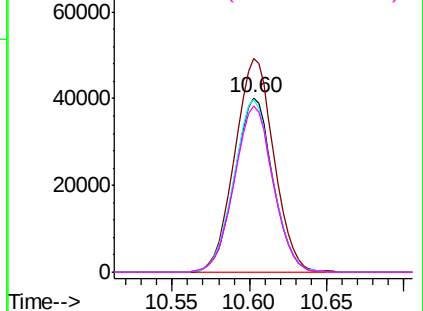


Abundance Ion 163.85 (163.55 to 164.55): V

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: 53.717 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061394.D

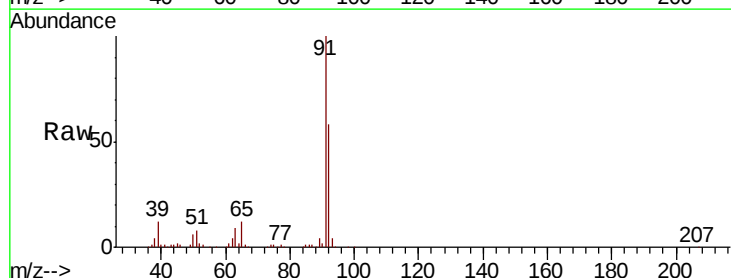
Acq: 14 May 2020 15:00

Tgt Ion: 91 Resp: 315168

Ion Ratio Lower Upper

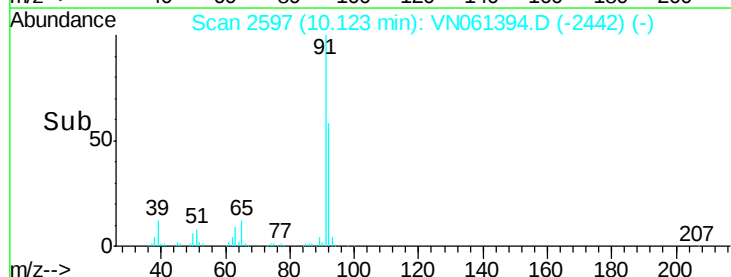
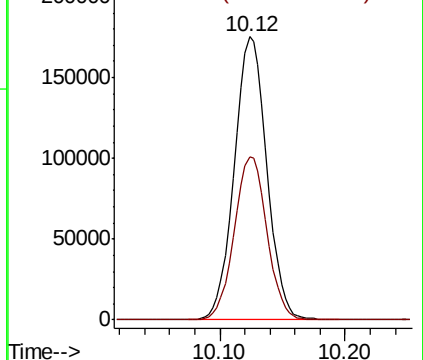
91 100

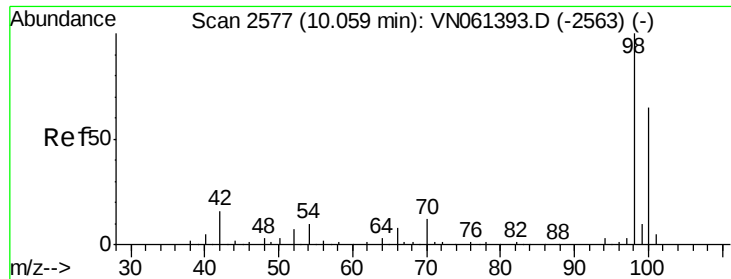
92 58.0 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.391 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

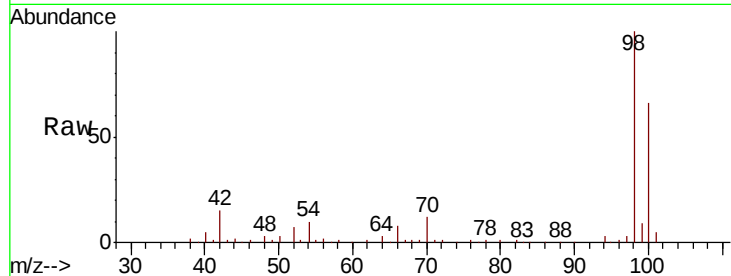
ClientSampled :

Tot Ion: 98 Resp: 150273

Ion Ratio Lower Upper

98 100

100 65.2 50.6 75.8

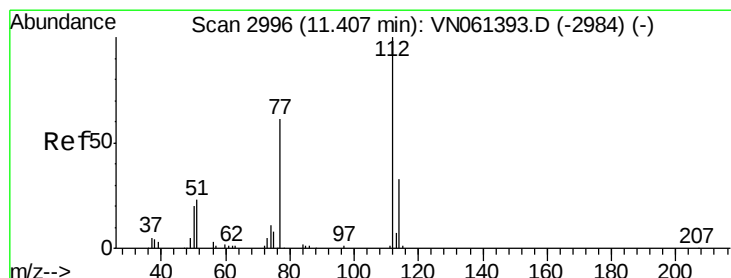
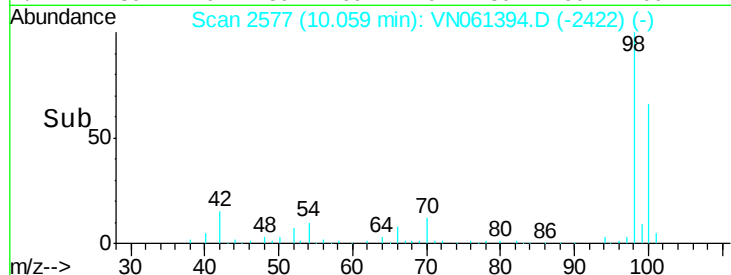


Abundance Ion 98.00 (97.70 to 98.70): VN061393.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN061393.D (-2563) (-)

10.06

Time-->



#64

Chlorobenzene

Concen: 52.678 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061394.D

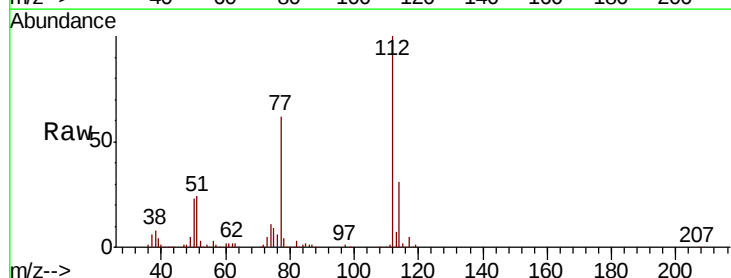
Acq: 14 May 2020 15:00

Tgt Ion: 112 Resp: 187573

Ion Ratio Lower Upper

112 100

114 30.7 25.7 38.5

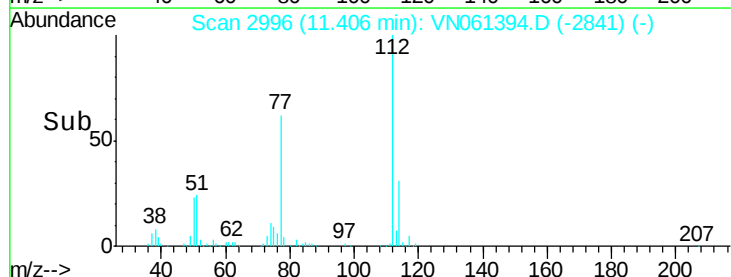


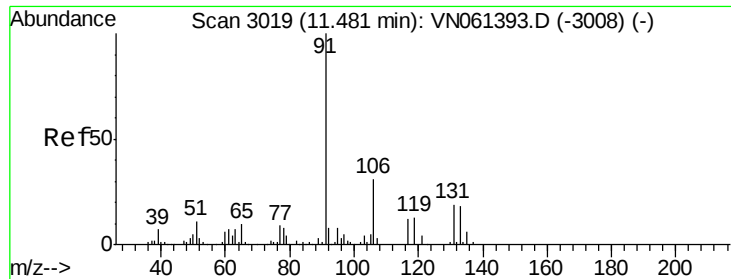
Abundance Ion 112.00 (111.70 to 112.70): VN061393.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN061393.D (-2984) (-)

11.41

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 51.465 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

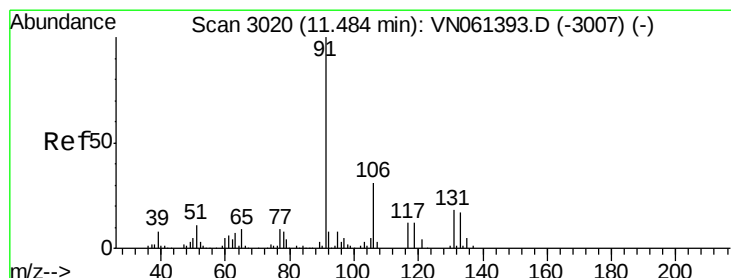
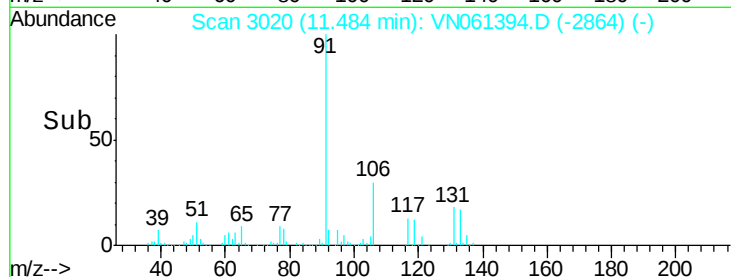
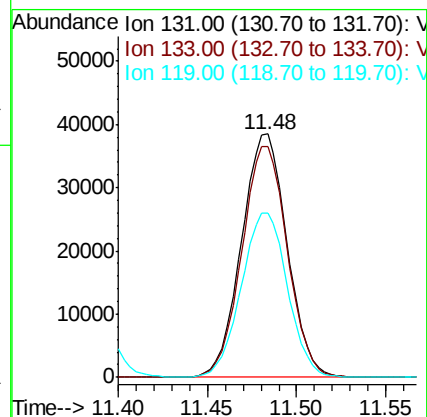
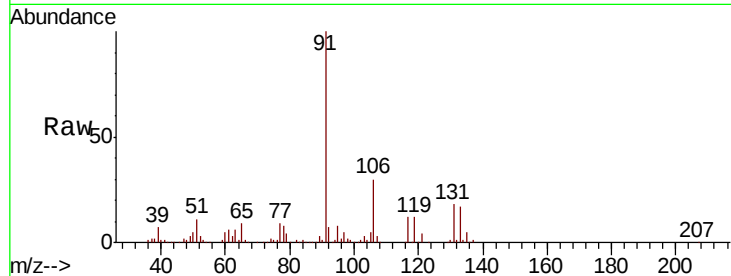
Tot Ion:131 Resp: 68490

Ion Ratio Lower Upper

131 100

133 94.9 0.0 194.0

119 68.5 0.0 136.8



#66

Ethyl Benzene

Concen: 55.322 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061394.D

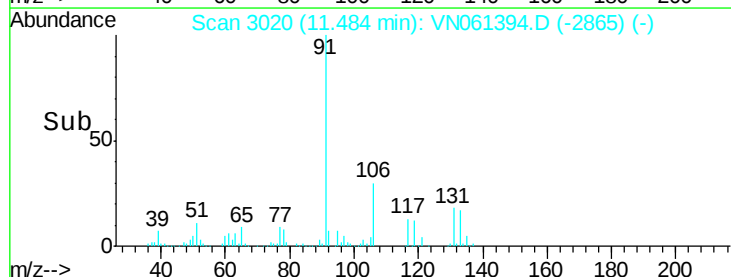
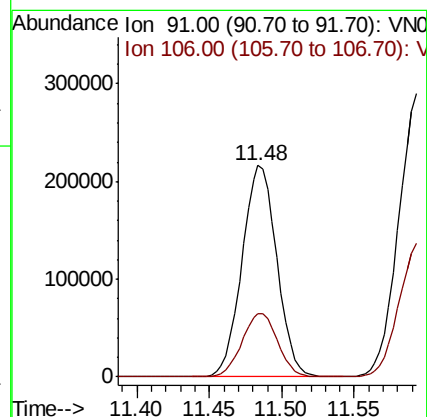
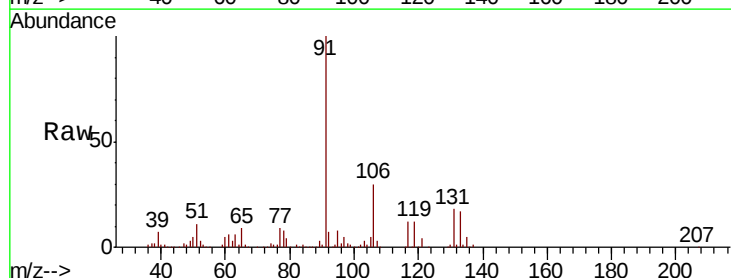
Acq: 14 May 2020 15:00

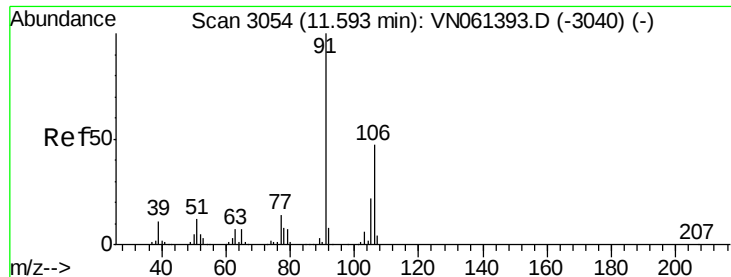
Tgt Ion: 91 Resp: 361423

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.4





#67

m/p-Xylenes

Concen: 109.822 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

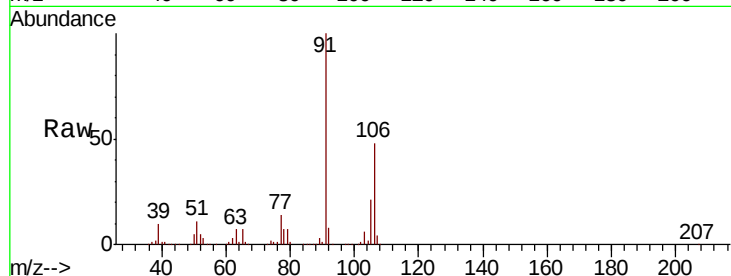
ClientSampled :

Tot Ion:106 Resp: 267518

Ion Ratio Lower Upper

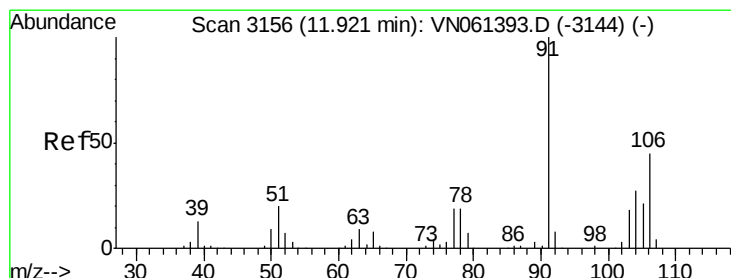
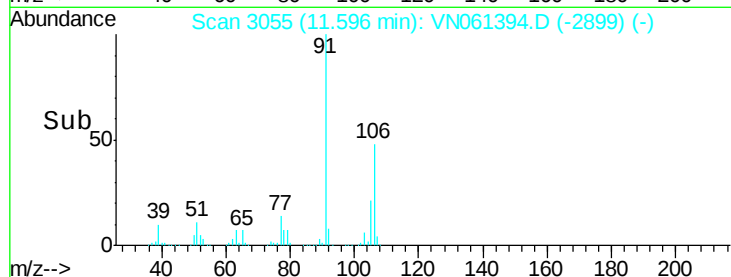
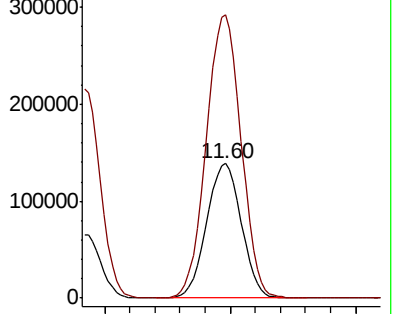
106 100

91 211.2 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 54.817 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061394.D

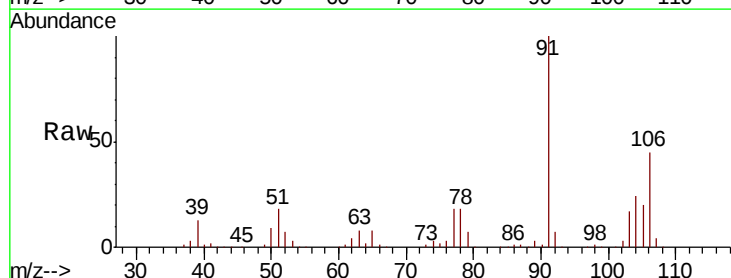
Acq: 14 May 2020 15:00

Tgt Ion:106 Resp: 129575

Ion Ratio Lower Upper

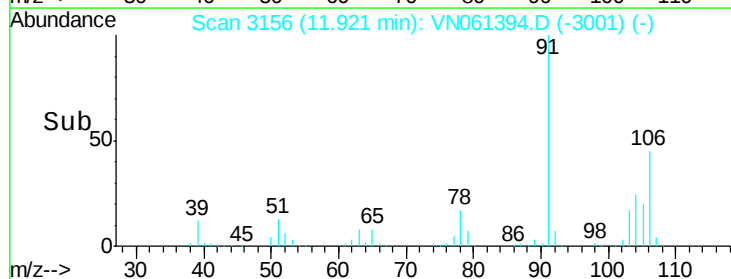
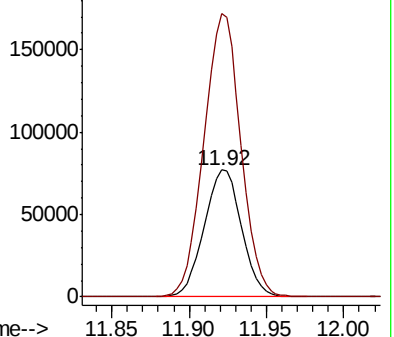
106 100

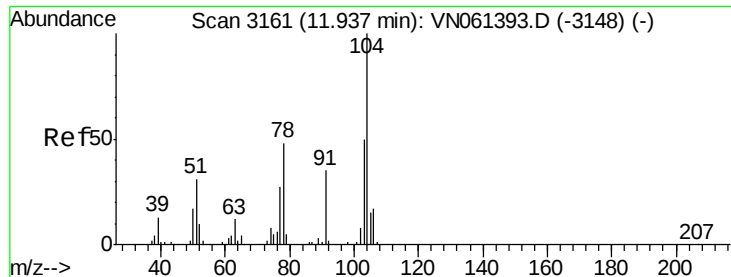
91 220.3 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

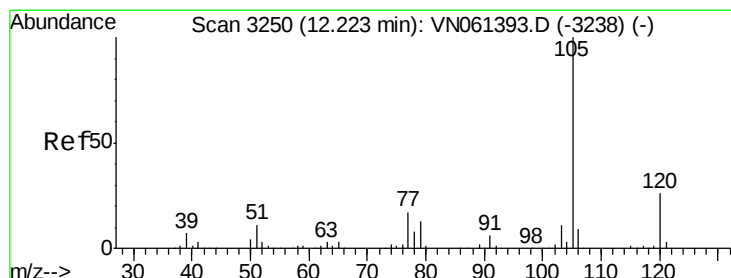
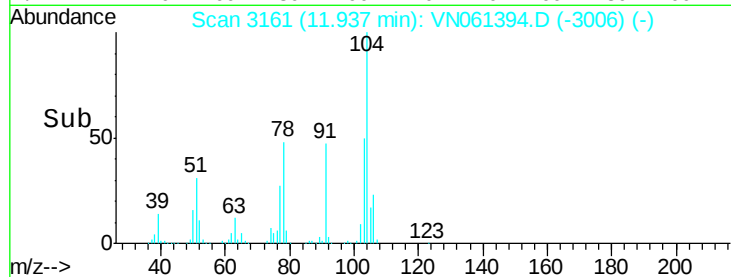
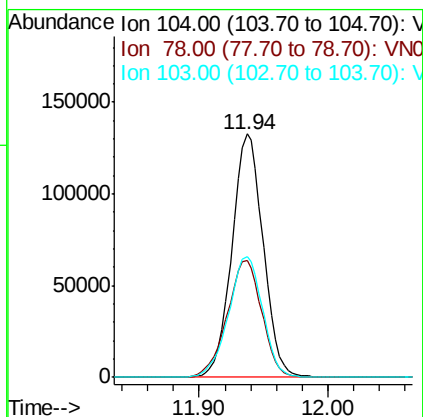
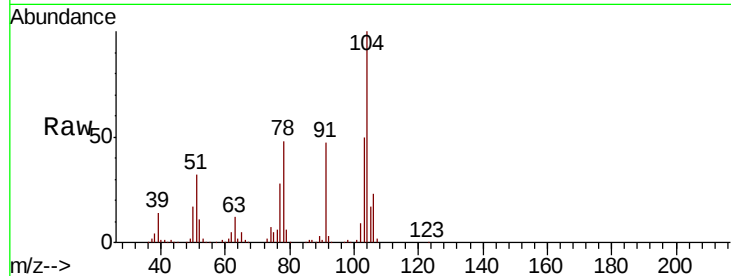




#69
Stvrene
Concen: 56.816 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

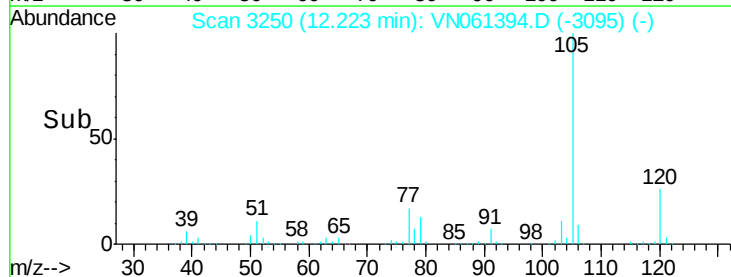
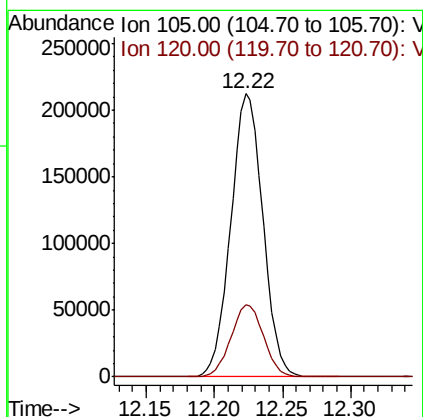
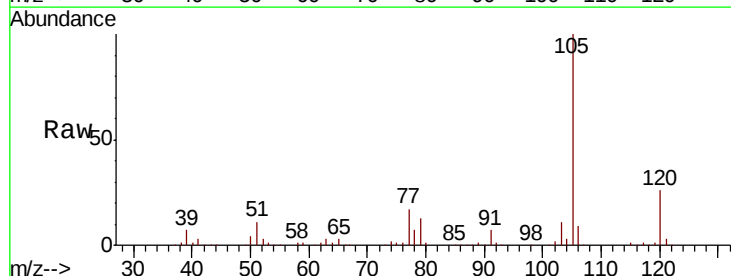
Instrument :
MSVOA_N
ClientSampleId :

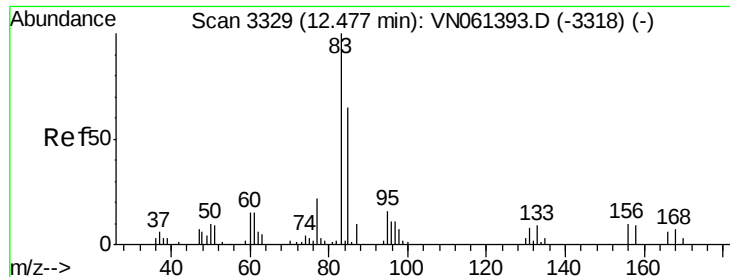
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	42.4	63.6
103	54.1	44.6	66.8



#70
Isopropylbenzene
Concen: 54.578 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.4	34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 46.208 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

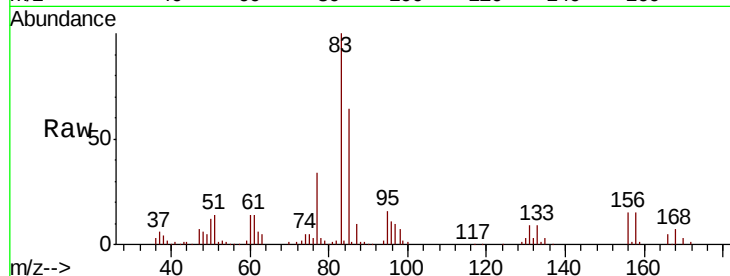
Tot Ion: 83 Resp: 95752

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.7

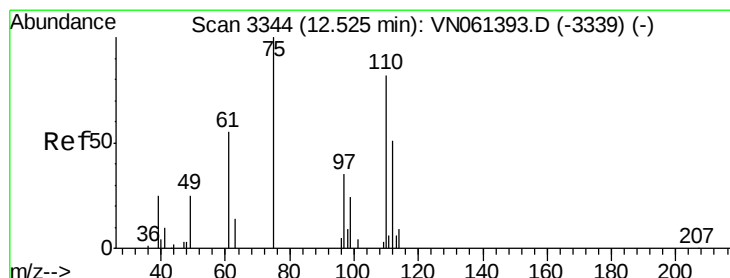
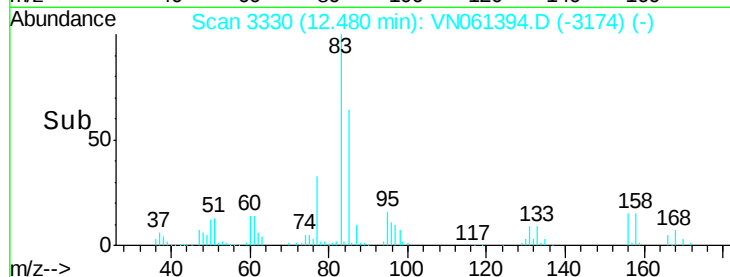
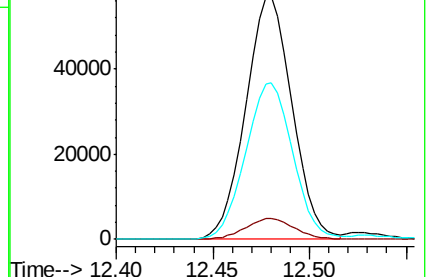
85 65.2 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VN061393.D (-3318) (-)

Ion 131.00 (130.70 to 131.70): VN061393.D (-3318) (-)

Ion 85.00 (84.70 to 85.70): VN061393.D (-3318) (-)



#72

1,2,3-Trichloropropane

Concen: 72.261 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061394.D

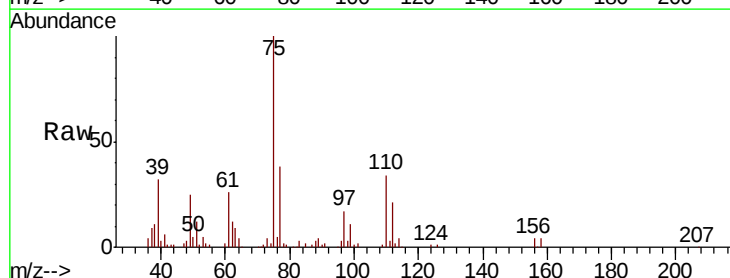
Acq: 14 May 2020 15:00

Tgt Ion: 75 Resp: 137440

Ion Ratio Lower Upper

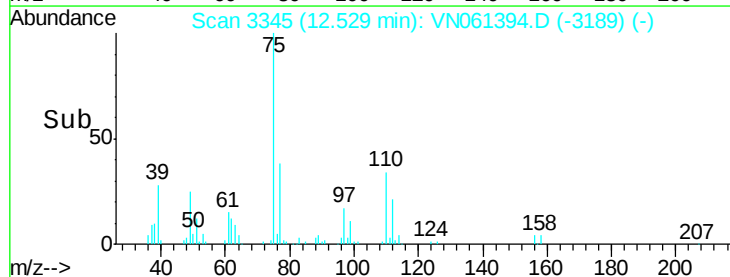
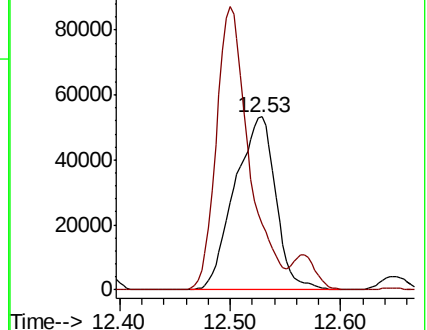
75 100

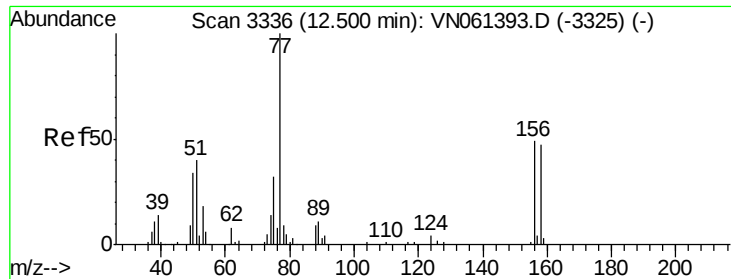
77 130.6 0.0 359.4



Abundance Ion 75.00 (74.70 to 75.70): VN061393.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN061393.D (-3339) (-)





#73

Bromobenzene

Concen: 48.905 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

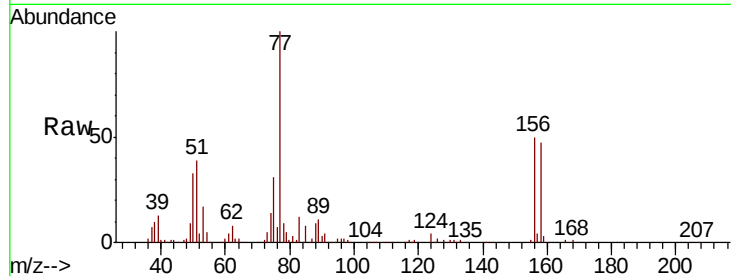
Tot Ion:156 Resp: 73200

Ion Ratio Lower Upper

156 100

77 245.2 0.0 456.0

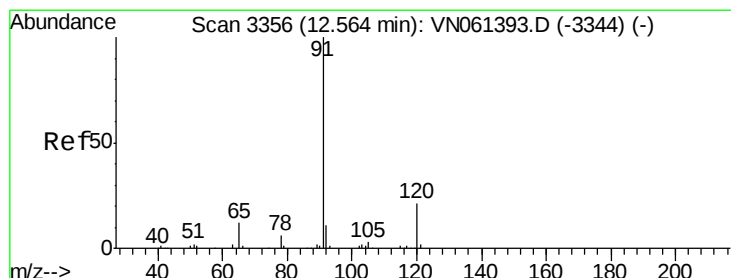
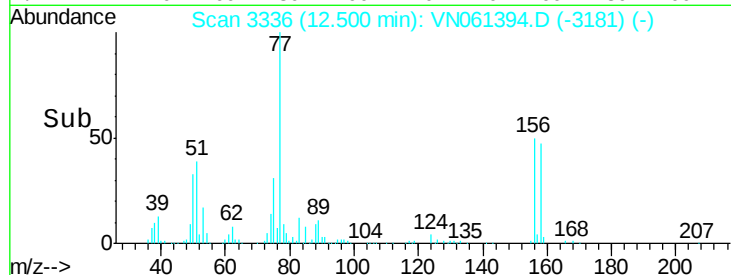
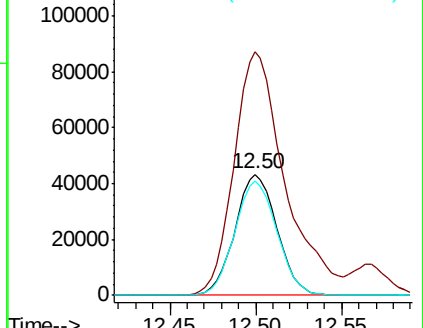
158 95.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 55.971 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061394.D

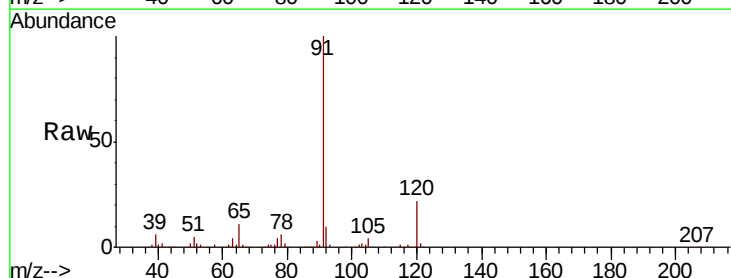
Acq: 14 May 2020 15:00

Tgt Ion: 91 Resp: 416078

Ion Ratio Lower Upper

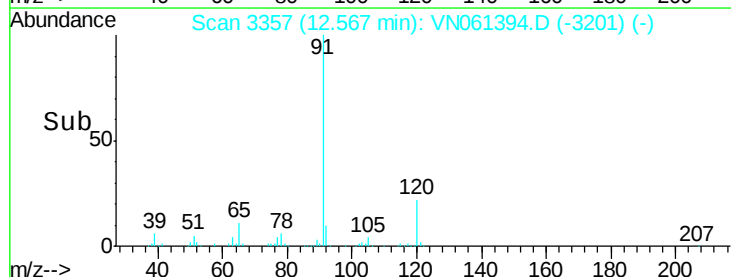
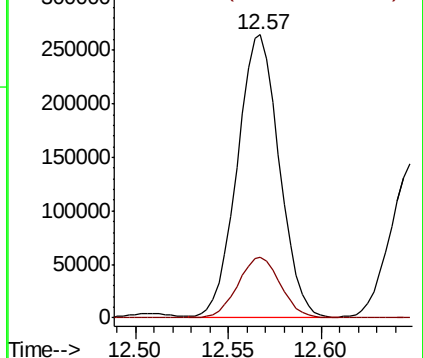
91 100

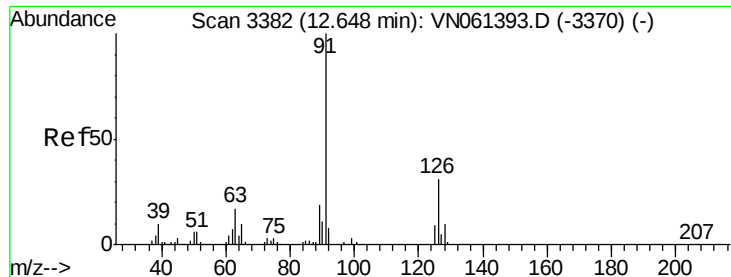
120 21.6 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 53.785 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

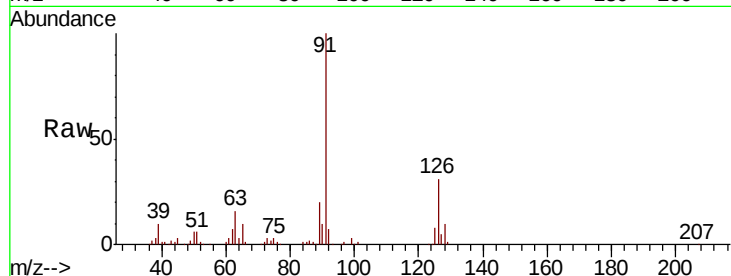
ClientSampleId :

Tot Ion: 91 Resp: 239942

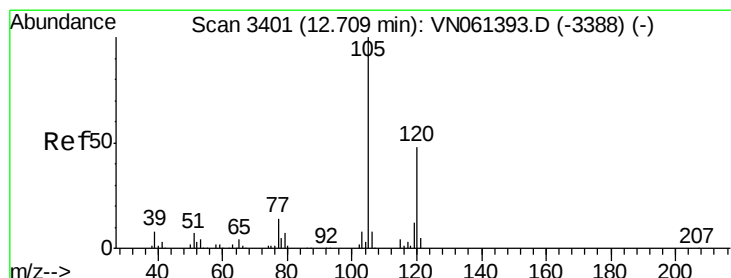
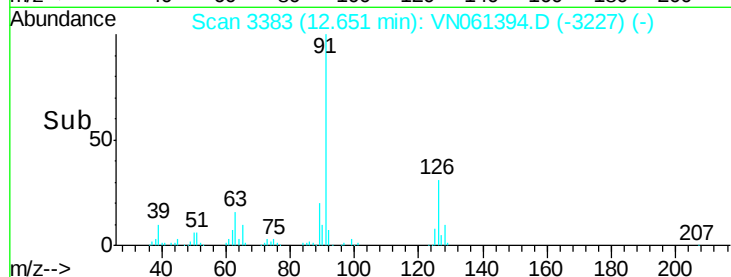
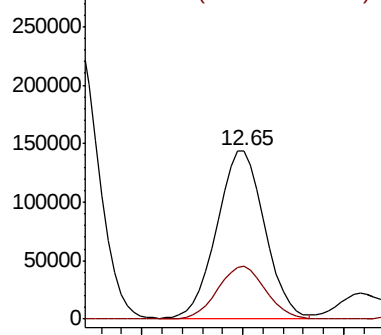
Ion Ratio Lower Upper

91 100

126 31.4 0.0 65.4



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



#76

1,3,5-Trimethylbenzene

Concen: 54.473 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061394.D

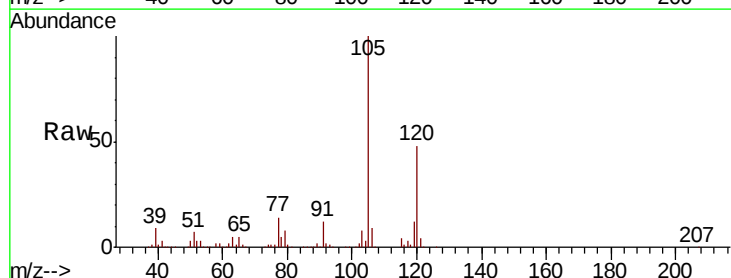
Acq: 14 May 2020 15:00

Tgt Ion: 105 Resp: 295324

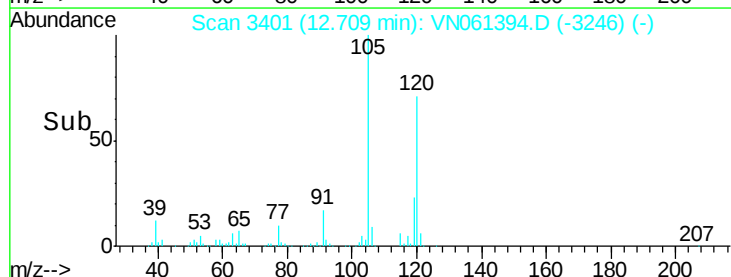
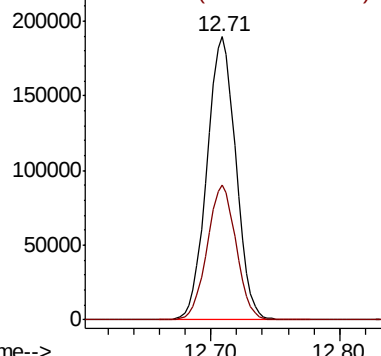
Ion Ratio Lower Upper

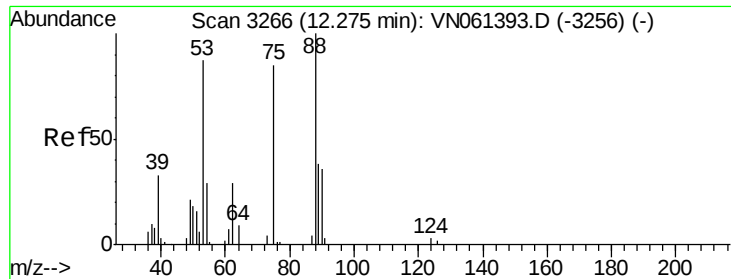
105 100

120 47.5 0.0 94.0



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





#77

t-1,4-Dichloro-2-butene

Concen: 53.162 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

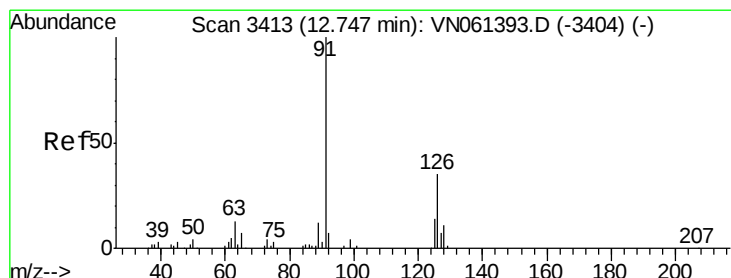
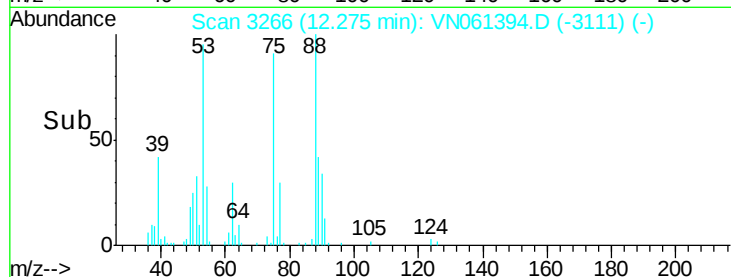
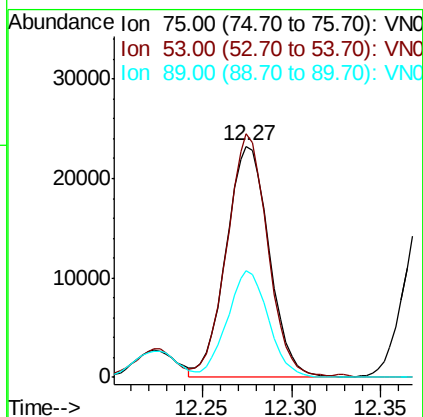
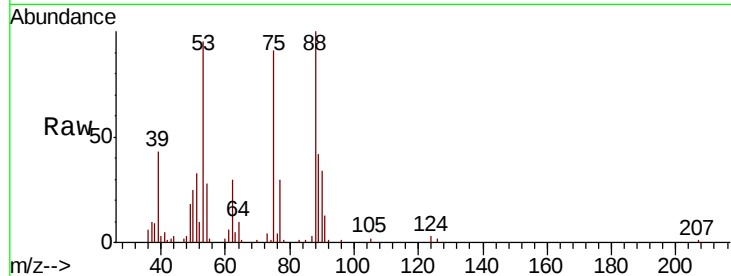
Tot Ion: 75 Resp: 39093

Ion Ratio Lower Upper

75 100

53 104.2 50.0 150.0

89 46.0 20.7 62.1



#78

4-Chlorotoluene

Concen: 54.881 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061394.D

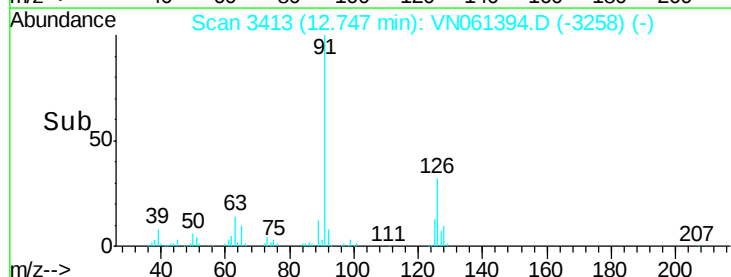
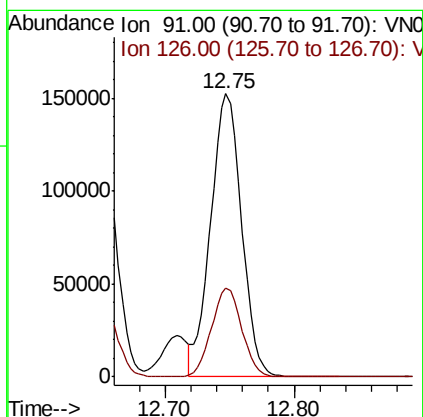
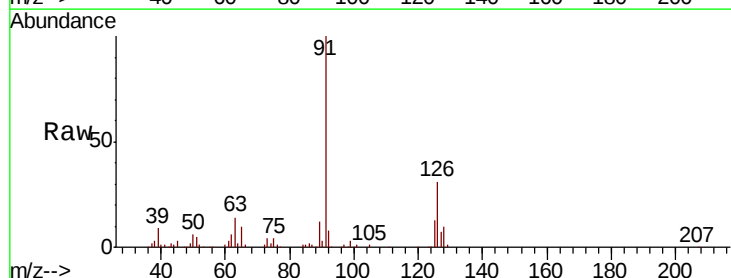
Acq: 14 May 2020 15:00

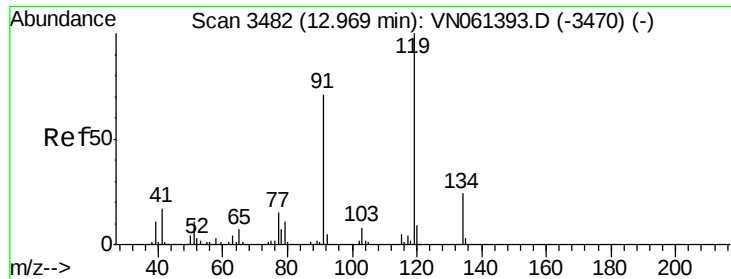
Tgt Ion: 91 Resp: 252873

Ion Ratio Lower Upper

91 100

126 30.9 0.0 63.4





#79

tert-butylbenzene

Concen: 53.069 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN061394.D

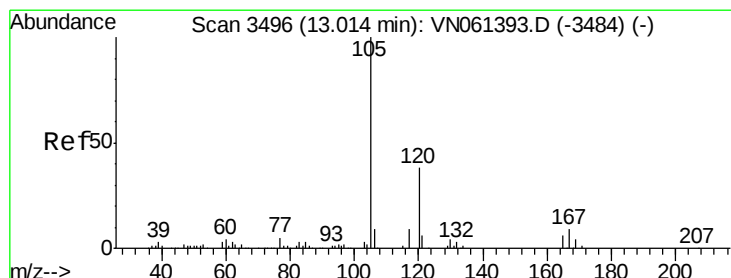
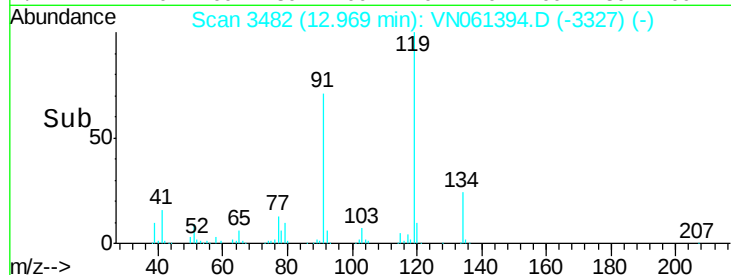
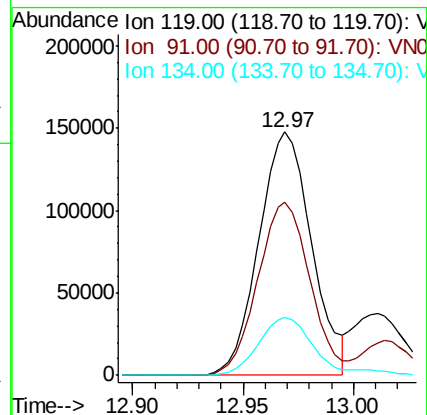
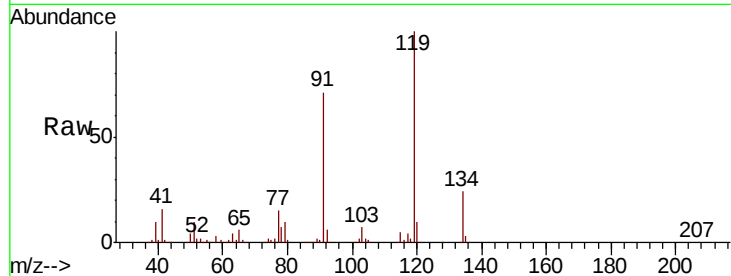
Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:119	Resp:	244785
Ion Ratio	Lower	Upper
119	100	
91	70.7	0.0 136.4
134	23.9	0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 54.829 ug/l

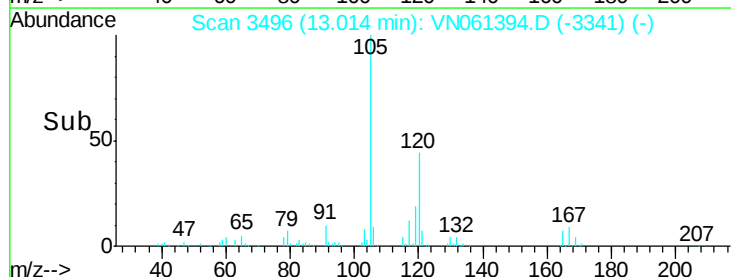
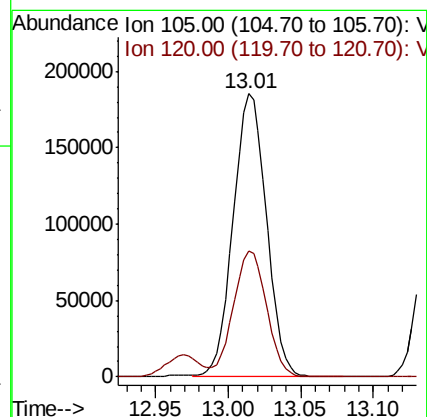
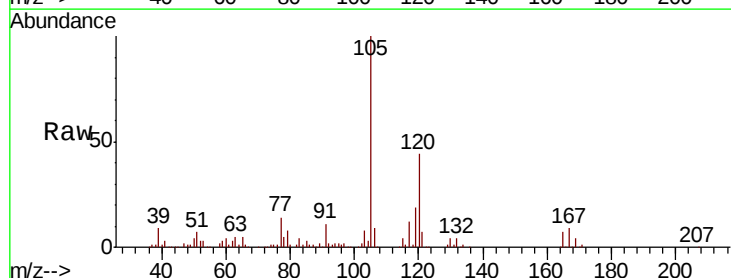
RT: 13.01 min Scan# 3496

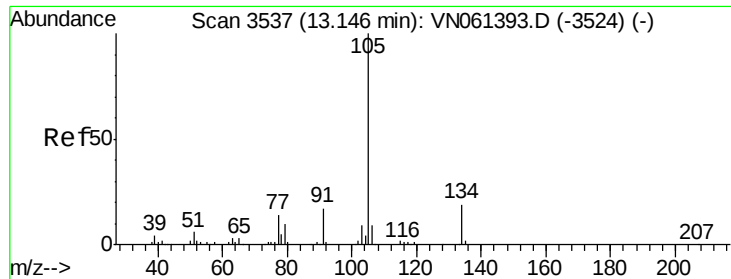
Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Tgt Ion:105	Resp:	294777
Ion Ratio	Lower	Upper
105	100	
120	44.8	0.0 89.2

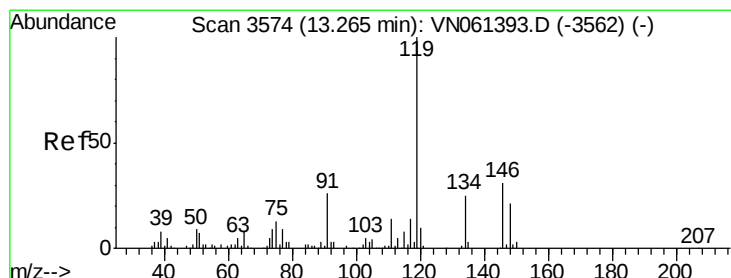
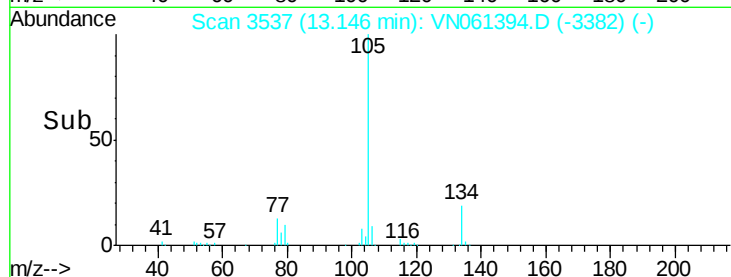
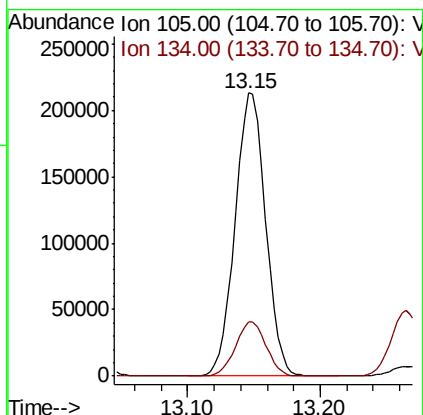
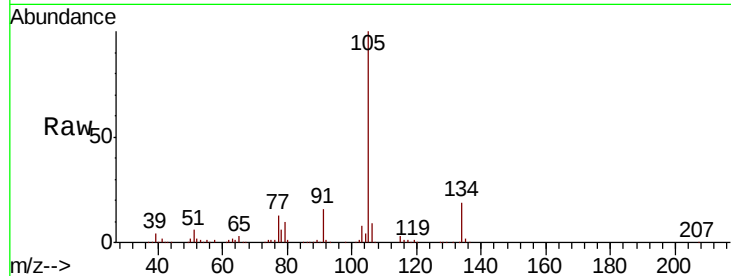




#81
 sec-Butylbenzene
 Concen: 54.752 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

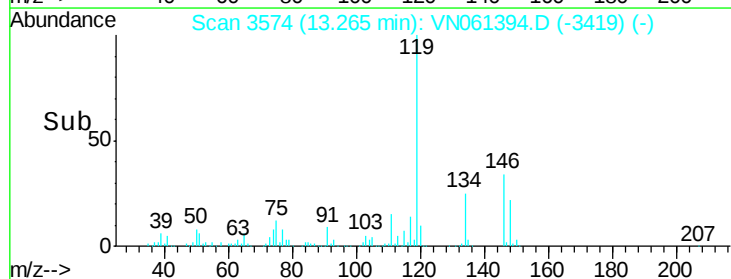
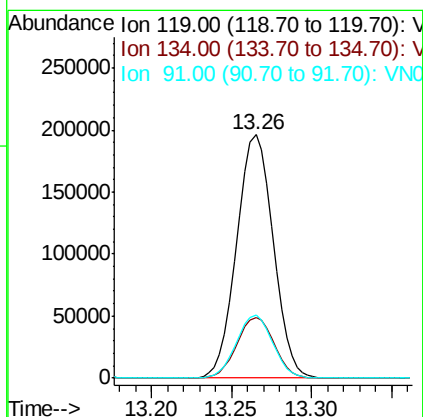
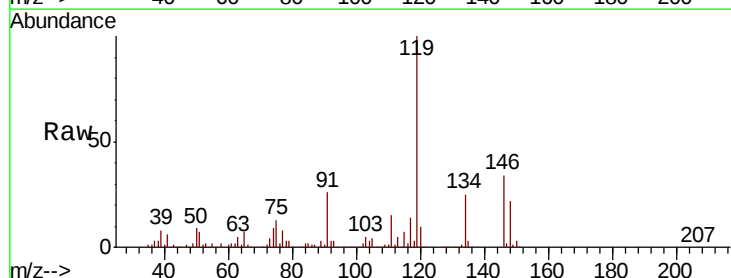
Instrument :
 MSVOA_N
 ClientSampleId :

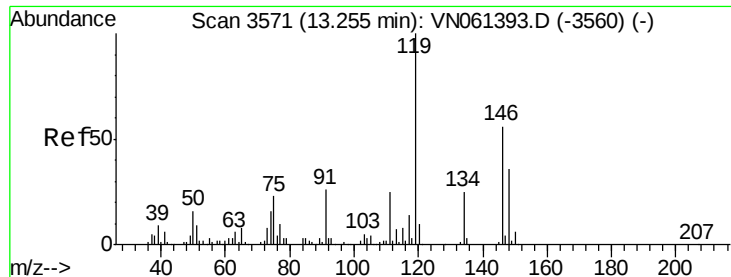
Tot Ion:105 Resp: 341051
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 54.413 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion:119 Resp: 304524
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 25.9 0.0 49.4

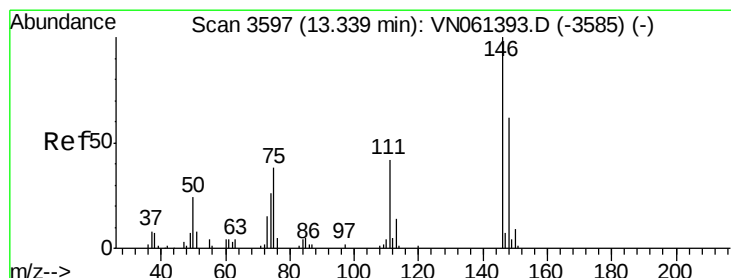
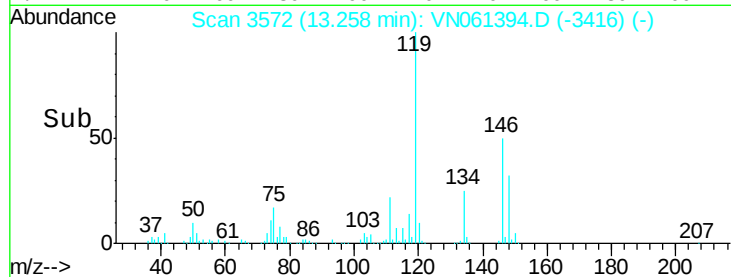
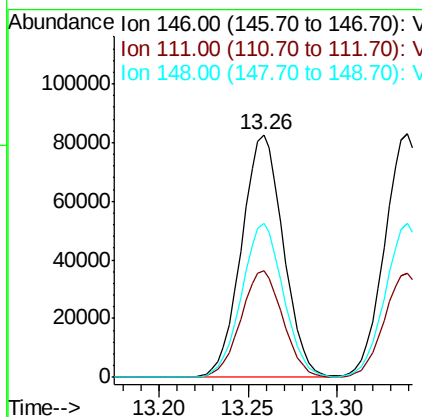
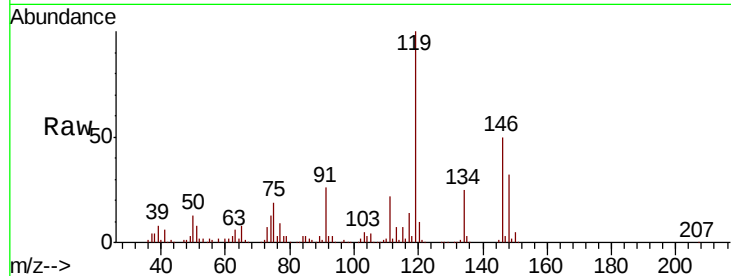




#83
 1,3-Dichlorobenzene
 Concen: 49.886 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

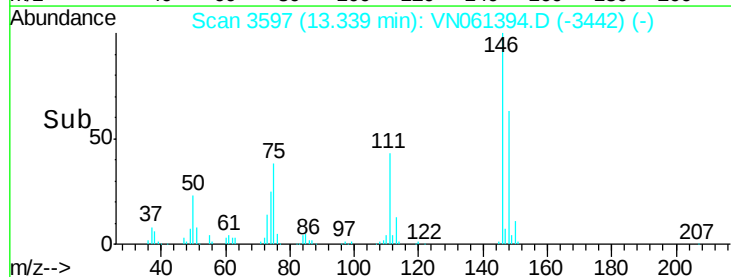
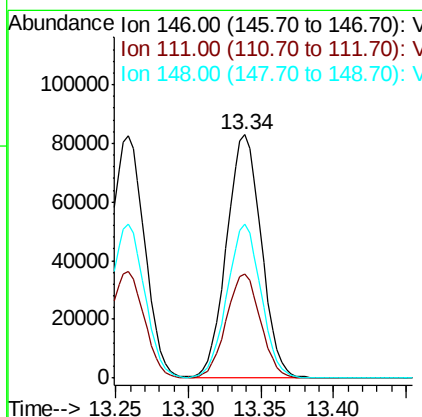
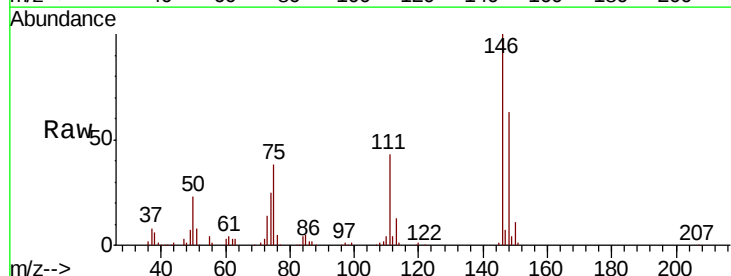
Instrument :
 MSVOA_N
 ClientSampled :

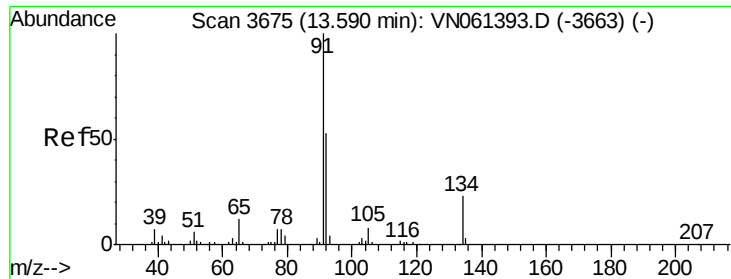
Tot Ion:146 Resp: 135533
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.0 63.0
 148 63.3 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 50.408 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion:146 Resp: 136857
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.8 59.4
 148 61.9 31.6 94.8

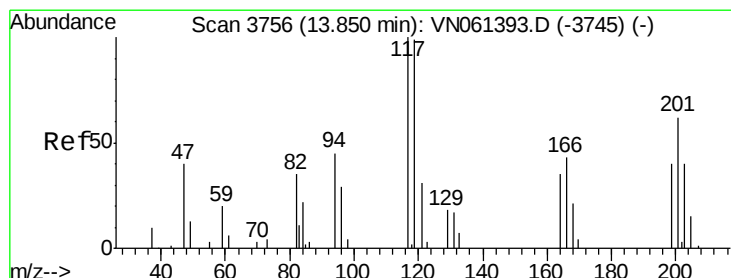
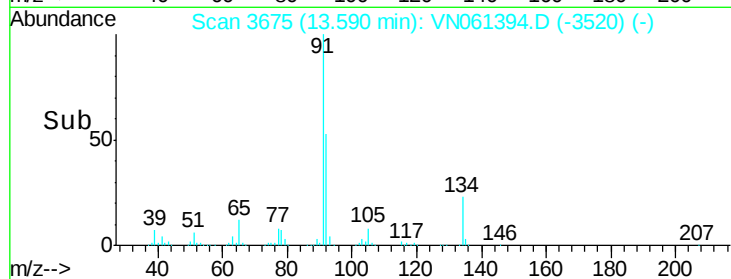
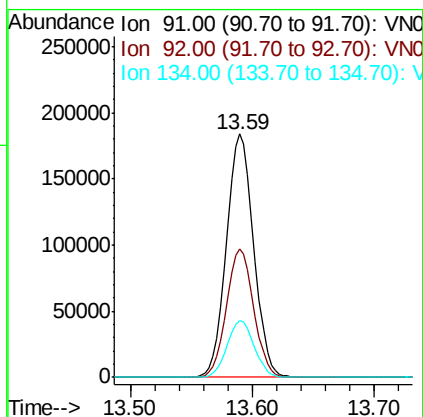
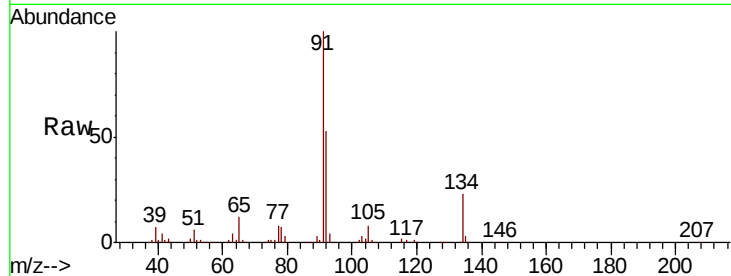




#85
n-Butylbenzene
Concen: 55.705 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

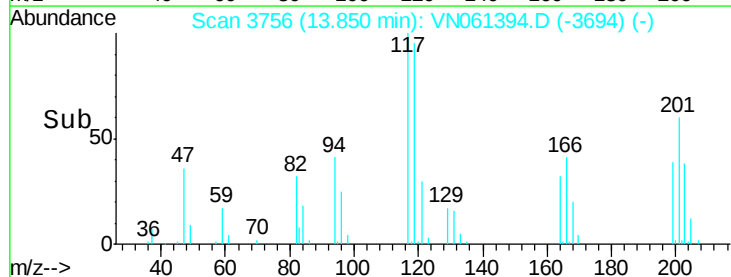
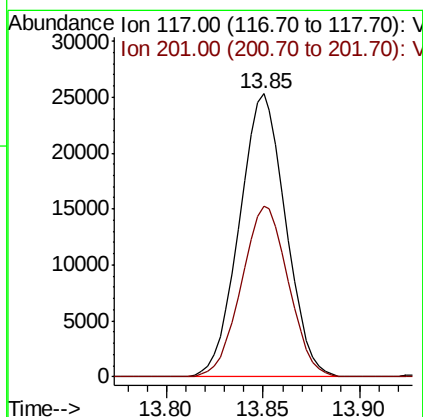
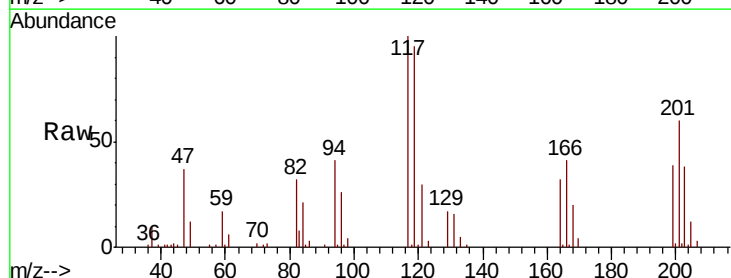
Instrument :
MSVOA_N
ClientSampled :

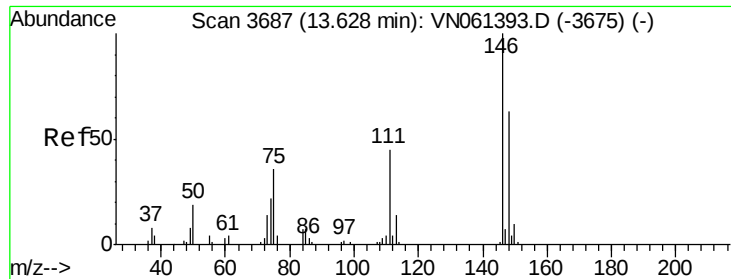
Tot Ion: 91 Resp: 287615
Ion Ratio Lower Upper
91 100
92 53.0 0.0 102.8
134 23.3 0.0 48.6



#86
Hexachloroethane
Concen: 43.576 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061394.D
Acq: 14 May 2020 15:00

Tgt Ion: 117 Resp: 42177
Ion Ratio Lower Upper
117 100
201 61.0 38.7 116.1

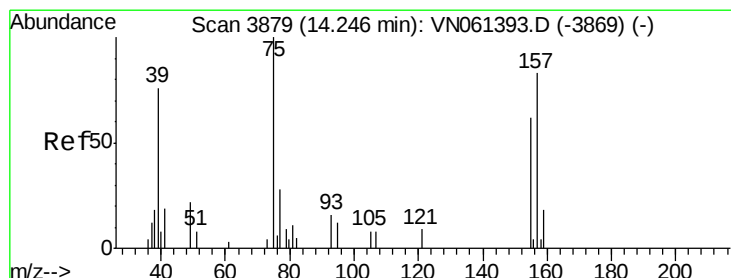
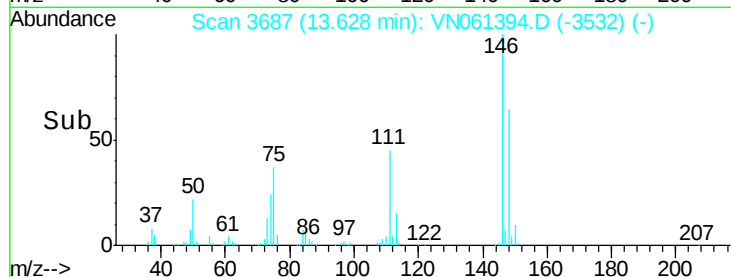
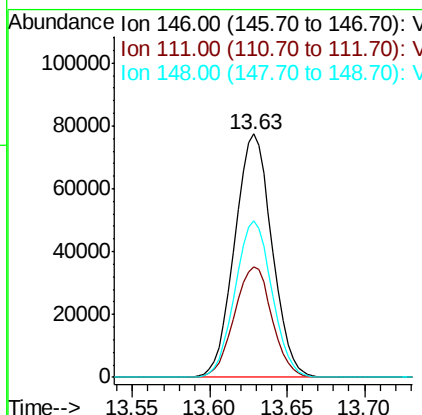
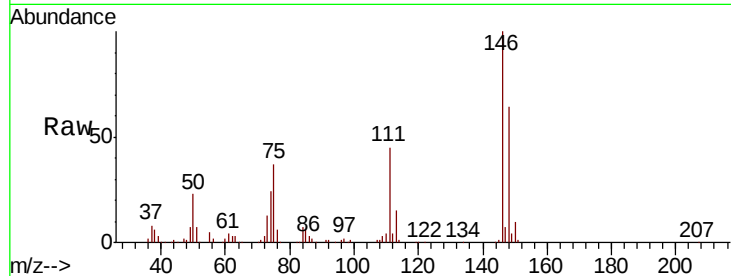




#87
 1,2-Dichlorobenzene
 Concen: 48.454 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

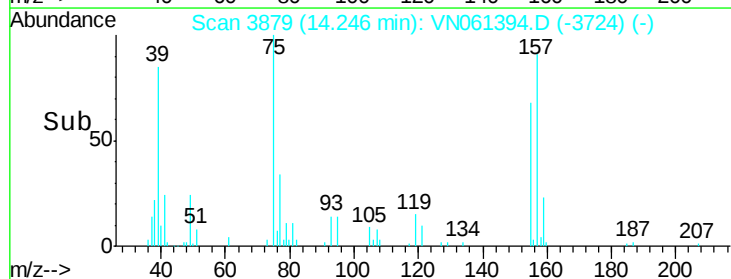
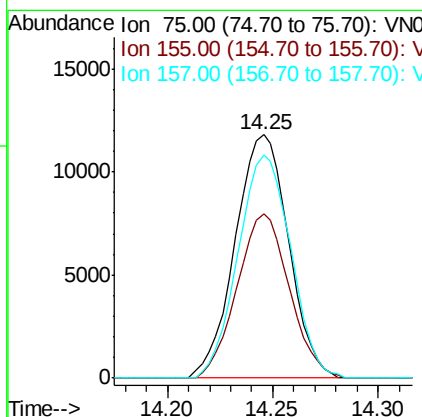
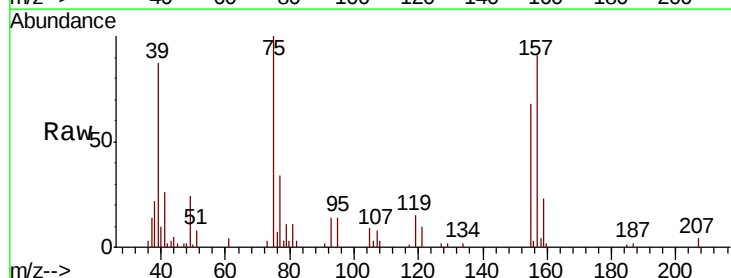
Instrument :
 MSVOA_N
 ClientSampleId :

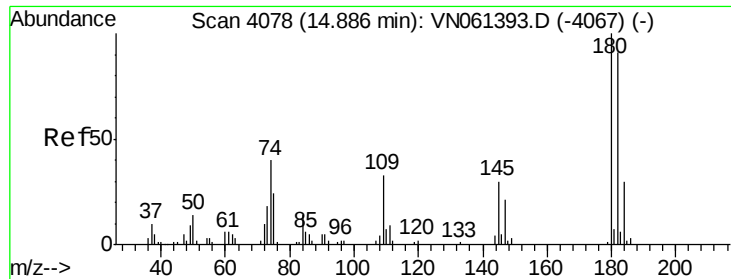
Tot Ion:146 Resp: 129918
 Ion Ratio Lower Upper
 146 100
 111 45.8 21.8 65.4
 148 63.8 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 45.145 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion: 75 Resp: 20771
 Ion Ratio Lower Upper
 75 100
 155 66.1 58.3 87.5
 157 90.3 75.0 112.6

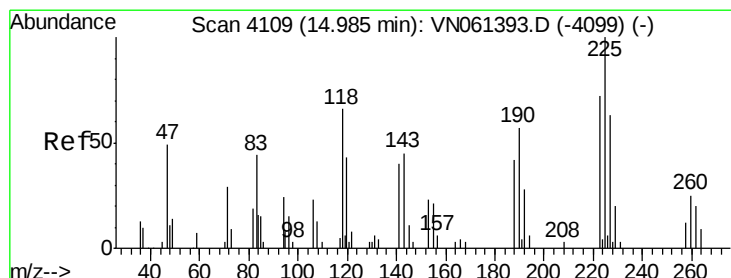
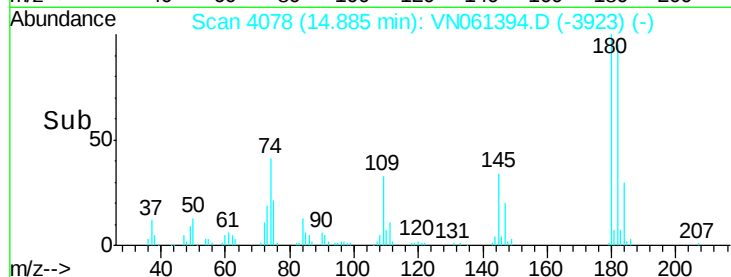
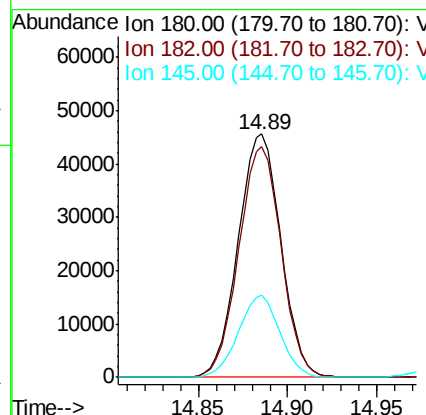
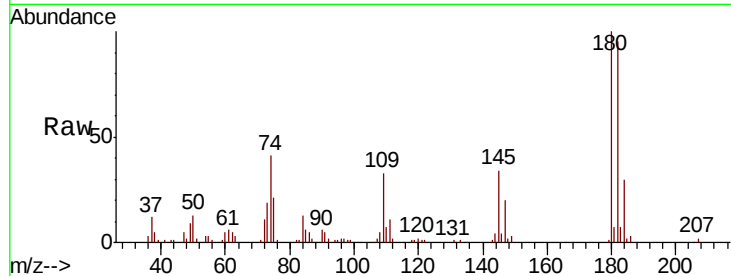




#89
 1,2,4-Trichlorobenzene
 Concen: 45.378 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

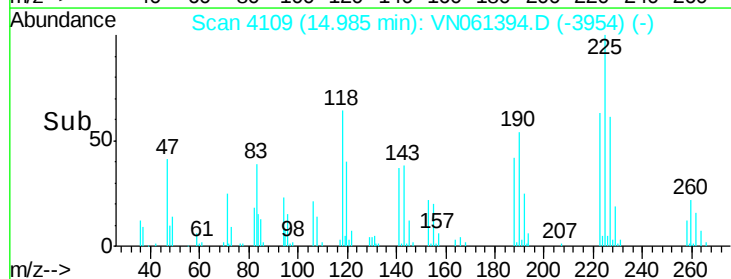
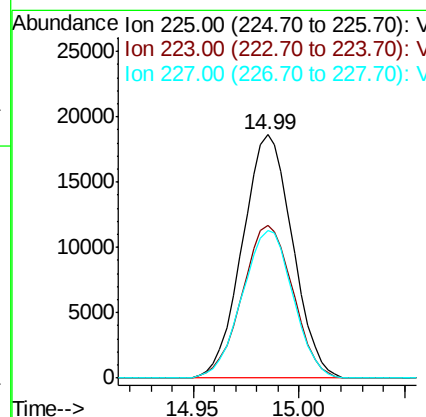
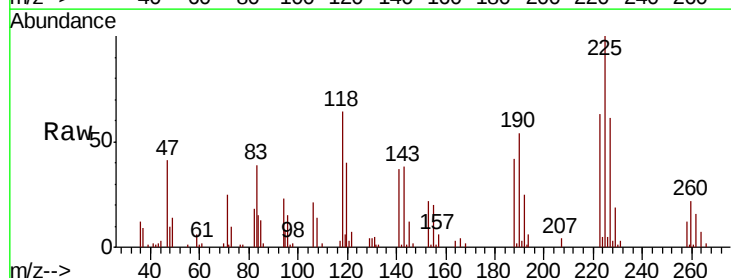
Instrument :
 MSVOA_N
 ClientSampleId :

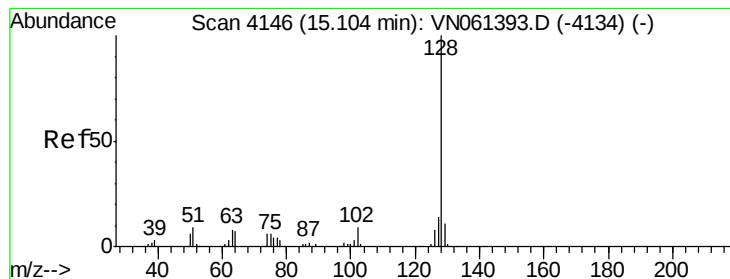
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.3	112.9
145	32.8	24.8	37.2



#90
 Hexachlorobutadiene
 Concen: 37.093 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061394.D
 Acq: 14 May 2020 15:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	126.2
227	61.5	0.0	127.0





#91

Naphthalene

Concen: 48.412 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

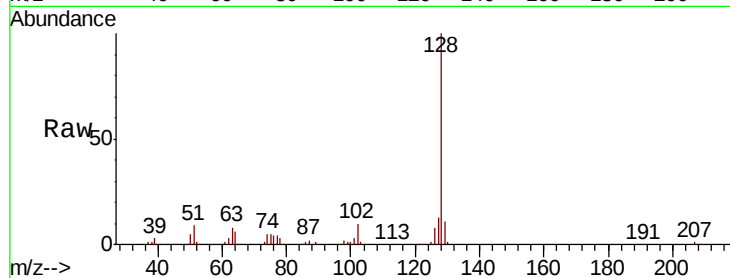
Tot Ion:128 Resp: 240315

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

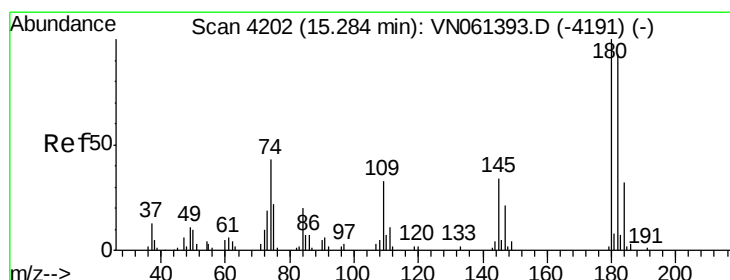
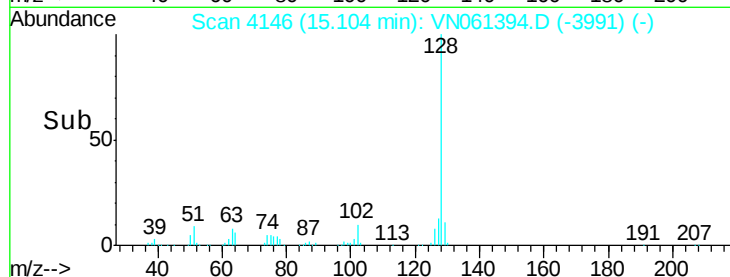
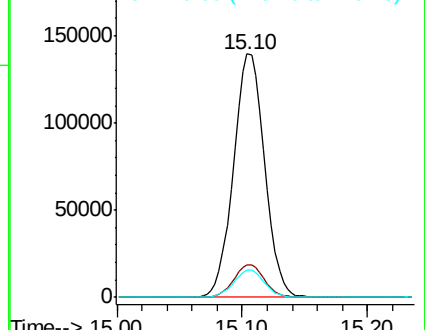
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 45.360 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061394.D

Acq: 14 May 2020 15:00

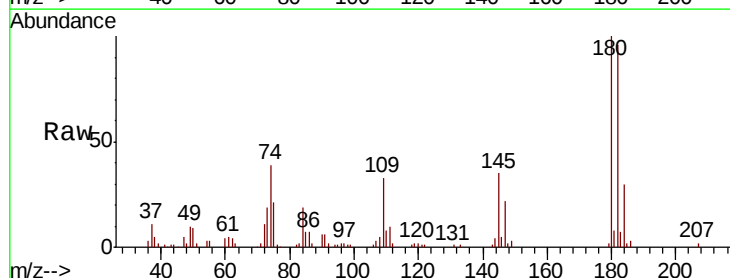
Tgt Ion:180 Resp: 73578

Ion Ratio Lower Upper

180 100

182 94.8 0.0 193.4

145 34.2 0.0 65.8



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

