

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061400.D
 Acq On : 14 May 2020 18:07
 Operator : JC/MD
 Sample : VN0514WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 15 05:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	18025	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	110165	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	101087	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	51065	31.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.47%
60) 4-Bromofluorobenzene	12.38	95	51271	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	10.06	98	140491	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	15881	19.350 ug/l	98
3) Chloromethane	2.03	50	31558	21.031 ug/l	100
4) Vinyl Chloride	2.16	62	41945	20.853 ug/l	98
5) Bromomethane	2.54	94	21399	20.944 ug/l	99
6) Chloroethane	2.68	64	27980	20.559 ug/l	99
7) Trichlorofluoromethane	2.98	101	42568	19.773 ug/l	98
8) Diethyl Ether	3.37	74	13800	20.155 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	18753	20.392 ug/l	94
10) 1,1-Dichloroethene	3.70	96	19229	19.861 ug/l	98
11) Methyl Iodide	3.91	142	21886	20.887 ug/l	99
12) Methyl Acetate	4.28	43	23852	20.285 ug/l	99
13) Acrolein	3.56	56	18085	91.345 ug/l	98
14) Acrylonitrile	4.93	53	55648	100.822 ug/l	97
15) Acetone	3.77	58	13417	101.229 ug/l	95
16) Carbon Disulfide	4.01	76	59417	21.831 ug/l	100
17) Allyl chloride	4.28	41	41913	21.507 ug/l	99
18) Methylene Chloride	4.50	84	23114	19.782 ug/l	98
19) trans-1,2-Dichloroethene	4.99	96	22629	19.639 ug/l	93
20) Diisopropyl ether	5.90	45	90348	19.915 ug/l	98
21) 1,1-Dichloroethane	5.80	63	47324	19.977 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	26437	19.567 ug/l	95
23) tert-Butyl Alcohol	4.73	59	21876	123.647 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	77714	19.778 ug/l	96
25) Chloroform	7.33	83	45384	19.763 ug/l	98
26) Cyclohexane	7.61	56	45014	19.900 ug/l #	96
29) 1,1-Dichloropropene	7.75	75	36257	18.755 ug/l	99
30) 2-Butanone	6.79	43	78490	95.981 ug/l	99
31) 2,2-Dichloropropane	6.78	77	42457	18.799 ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	40309	18.636 ug/l	98
33) Carbon Tetrachloride	7.73	117	30755	18.524 ug/l	97
34) Benzene	8.00	78	102799	18.796 ug/l	100
35) Methacrylonitrile	7.13	41	16892	20.594 ug/l	96
36) 1,2-Dichloroethane	8.09	62	39628	18.875 ug/l	100
37) Trichloroethene	8.80	130	25109	18.646 ug/l	98
38) Methylcyclohexane	9.05	83	42395	18.268 ug/l	95
39) 1,2-Dichloropropane	9.08	63	28331	18.843 ug/l	97
40) Dibromomethane	9.17	93	17508	18.853 ug/l	92

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 15 05:53:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	9.37	83	37511	18.619	ug/l	100
42) Vinyl Acetate	5.84	43	367150	94.542	ug/l	100
43) Ethyl Acetate	6.88	43	32463	18.585	ug/l #	91
44) Isopropyl Acetate	8.13	43	63557	18.740	ug/l	98
45) 1,4-Dioxane	9.16	88	7180	536.467	ug/l	95
46) Methyl methacrylate	9.17	41	29162	18.285	ug/l	96
47) n-amyl Acetate	12.04	43	55632	18.391	ug/l	97
48) t-1,3-Dichloropropene	10.36	75	43848	18.443	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	46540	18.507	ug/l	96
50) 1,1,2-Trichloroethane	10.54	97	24326	18.944	ug/l	98
51) Ethyl methacrylate	10.40	69	40528	18.320	ug/l	94
52) 1,3-Dichloropropane	10.68	76	44104	18.810	ug/l	99
53) Dibromochloromethane	10.88	129	25478	18.108	ug/l	99
54) 1,2-Dibromoethane	10.98	107	24478	18.475	ug/l	96
55) 2-Chloroethyl vinyl ether	9.66	63	89632	91.549	ug/l	99
56) Bromoform	12.10	173	15907	17.978	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	175966	95.527	ug/l	98
59) 2-Hexanone	10.72	43	126395	97.006	ug/l	99
61) Tetrachloroethene	10.60	164	22786	18.025	ug/l	96
62) Toluene	10.12	91	110703	18.887	ug/l	99
64) Chlorobenzene	11.41	112	64717	18.655	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	23541	18.571	ug/l	98
66) Ethyl Benzene	11.48	91	123950	18.427	ug/l	100
67) m/p-Xylenes	11.60	106	90668	36.501	ug/l	99
68) o-Xylene	11.92	106	44564	18.798	ug/l	99
69) Styrene	11.94	104	74180	18.185	ug/l	98
70) Isopropylbenzene	12.22	105	117343	18.268	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	32933	18.559	ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	47103	27.831	ug/l	63
73) Bromobenzene	12.50	156	24013	17.998	ug/l	90
74) n-propylbenzene	12.57	91	139417	18.255	ug/l	99
75) 2-Chlorotoluene	12.65	91	81102	18.518	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	97696	18.124	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	13247	18.806	ug/l	98
78) 4-Chlorotoluene	12.75	91	81930	17.865	ug/l	99
79) tert-butylbenzene	12.97	119	81798	18.268	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	97505	18.122	ug/l	100
81) sec-Butylbenzene	13.15	105	113147	18.342	ug/l	99
82) p-Isopropyltoluene	13.26	119	99708	17.950	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	44212	17.830	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	44627	18.185	ug/l	98
85) n-Butylbenzene	13.59	91	92432	17.974	ug/l	98
86) Hexachloroethane	13.85	117	14140	18.261	ug/l	85
87) 1,2-Dichlorobenzene	13.63	146	42990	18.277	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7017	18.553	ug/l	95
89) 1,2,4-Trichlorobenzene	14.89	180	24137	17.861	ug/l	99
90) Hexachlorobutadiene	14.99	225	10324	18.753	ug/l	99
91) Naphthalene	15.11	128	77084	18.135	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	24338	18.542	ug/l	97

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: May 15 05:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

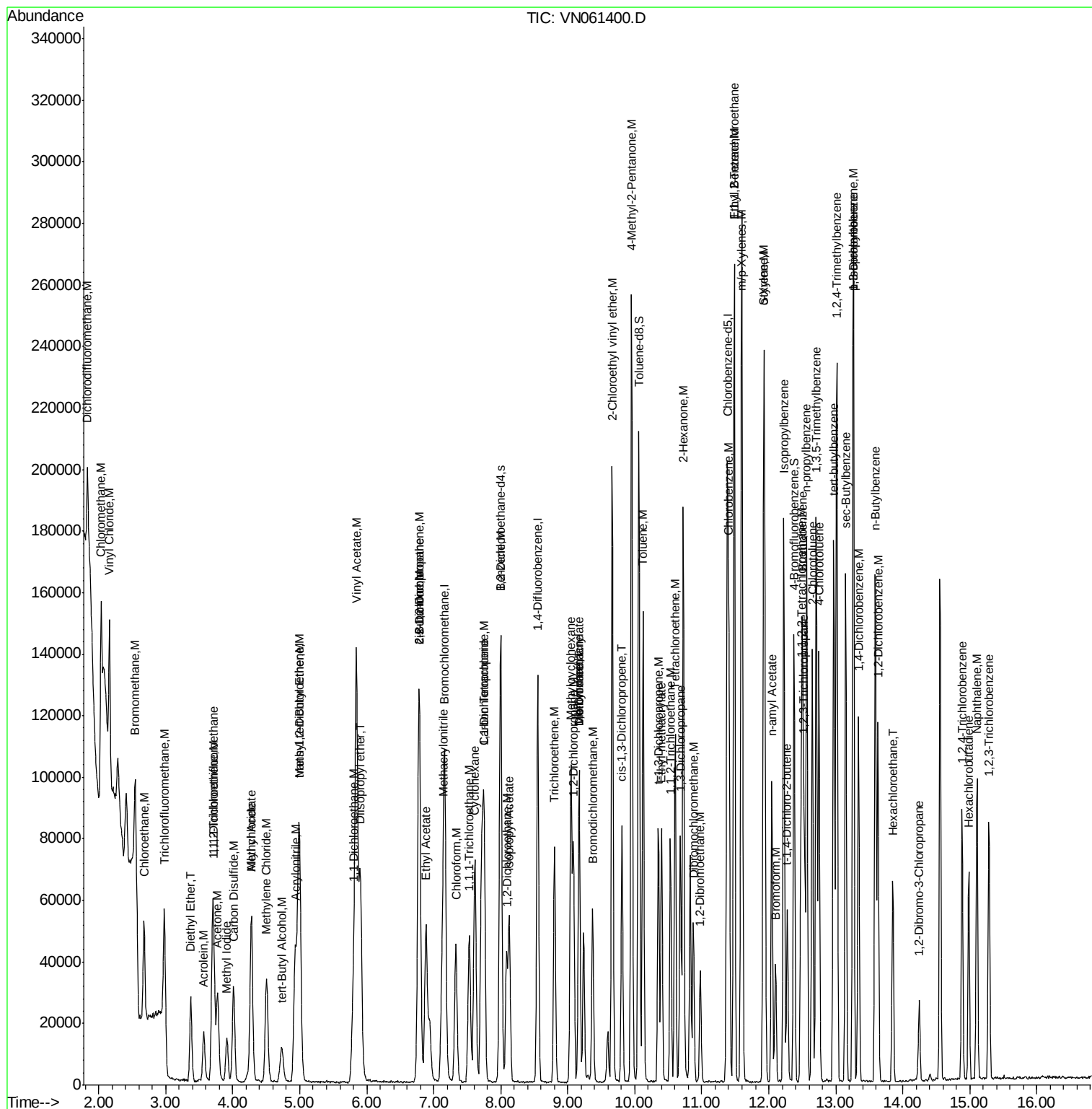
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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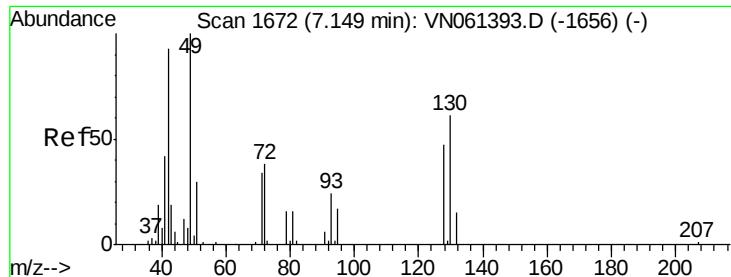
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
Data File : VN061400.D
Acq On : 14 May 2020 18:07
Operator : JC/MD
Sample : VN0514WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 15 05:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :

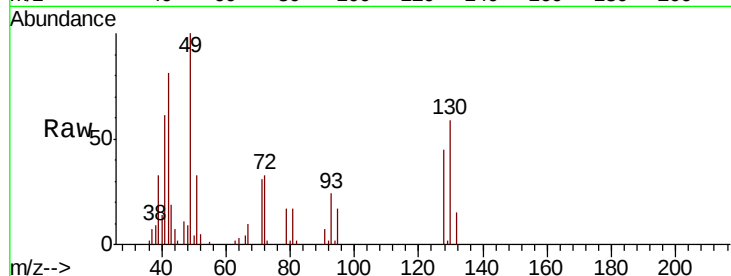
Tot Ion:128 Resp: 18025

Ion Ratio Lower Upper

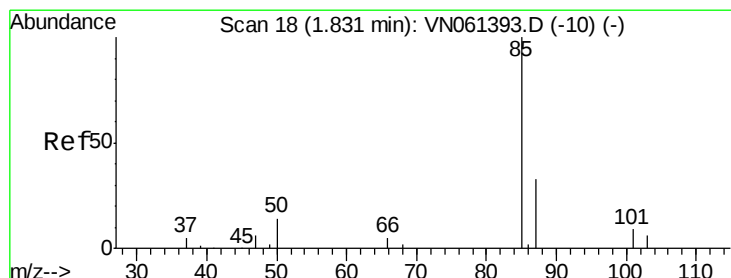
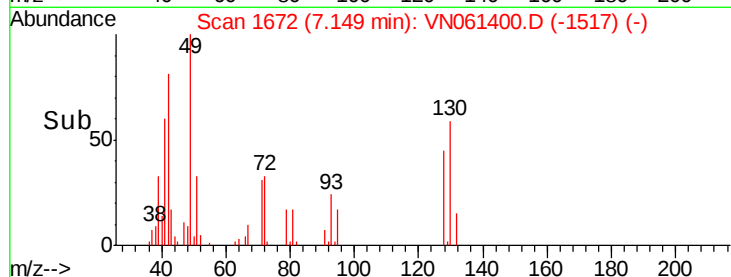
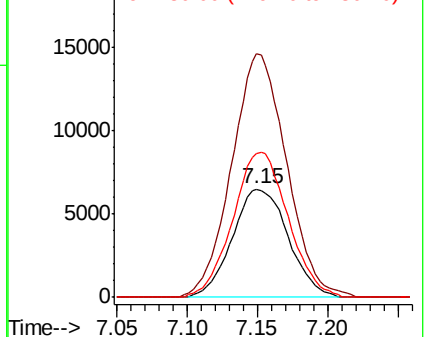
128 100

49 220.8 0.0 453.5

130 132.3 0.0 314.2



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



#2

Dichlorodifluoromethane

Concen: 19.350 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061400.D

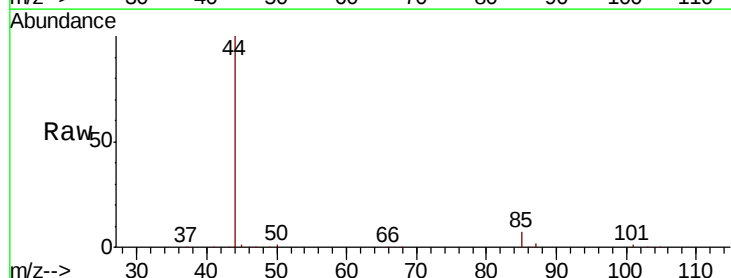
Acq: 14 May 2020 18:07

Tgt Ion: 85 Resp: 15881

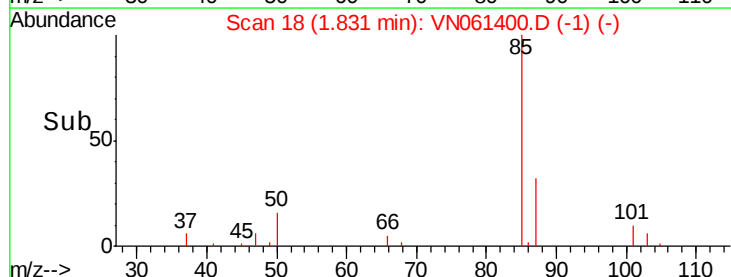
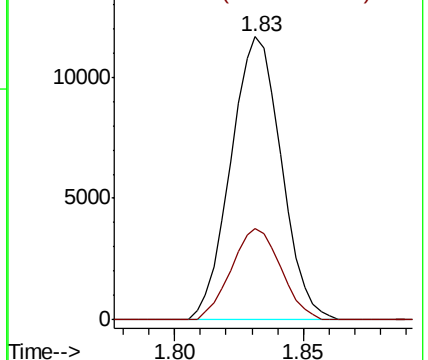
Ion Ratio Lower Upper

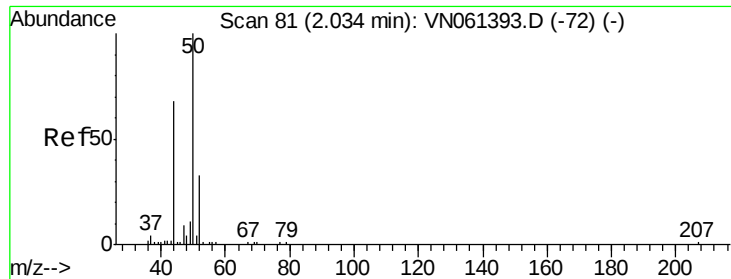
85 100

87 32.4 15.7 47.0



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





#3

Chloromethane

Concen: 21.031 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

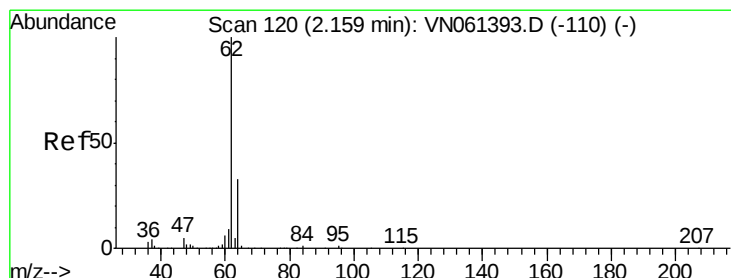
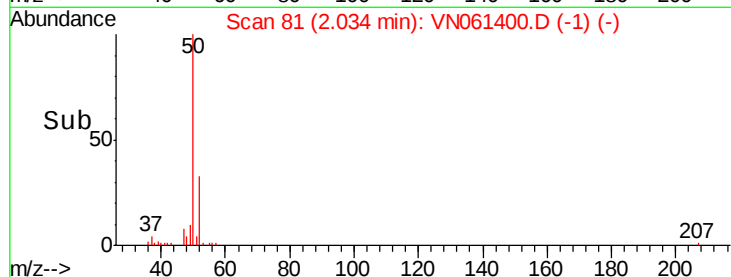
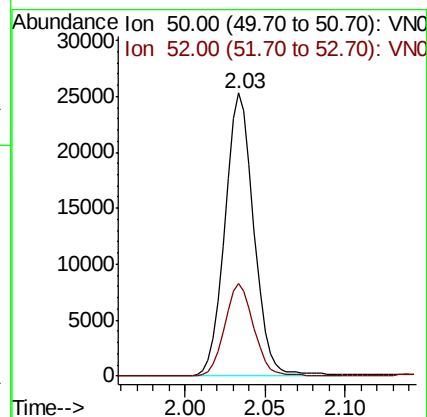
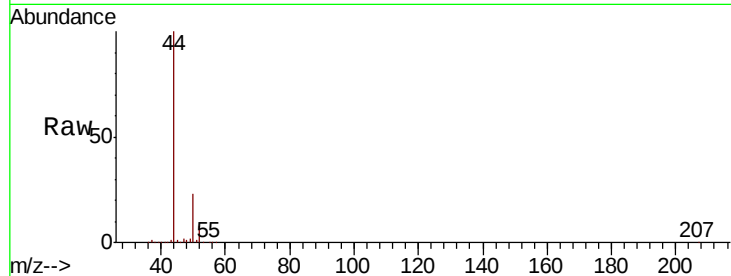
ClientSampled :

Tot Ion: 50 Resp: 31558

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



#4

Vinyl Chloride

Concen: 20.853 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061400.D

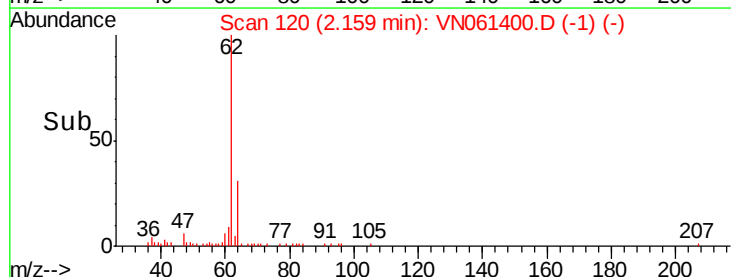
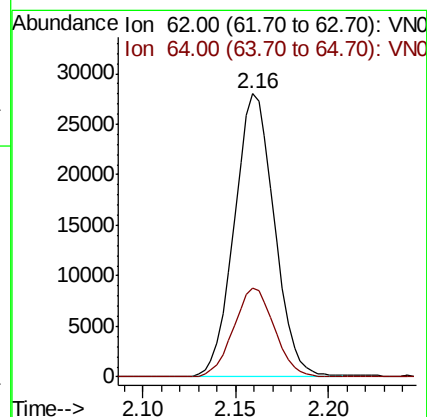
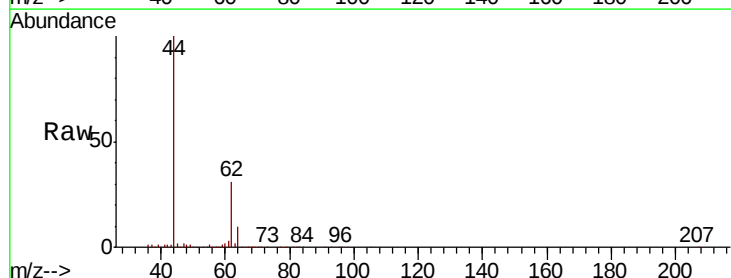
Acq: 14 May 2020 18:07

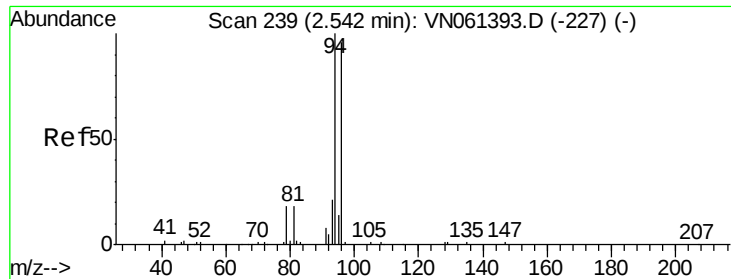
Tgt Ion: 62 Resp: 41945

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1

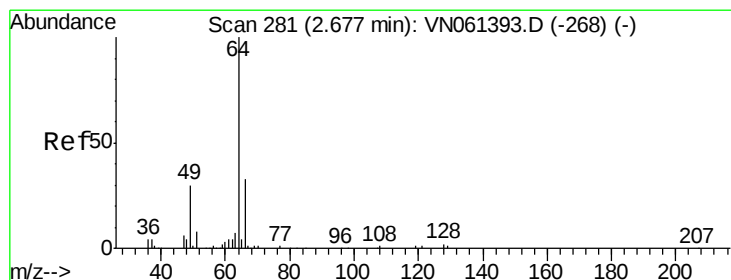
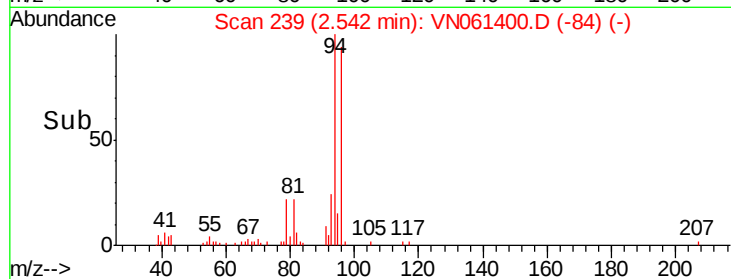
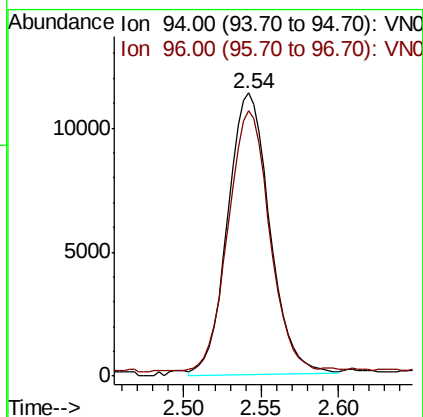
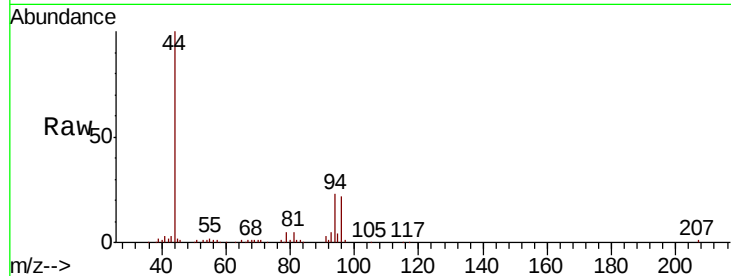




#5
Bromomethane
Concen: 20.944 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

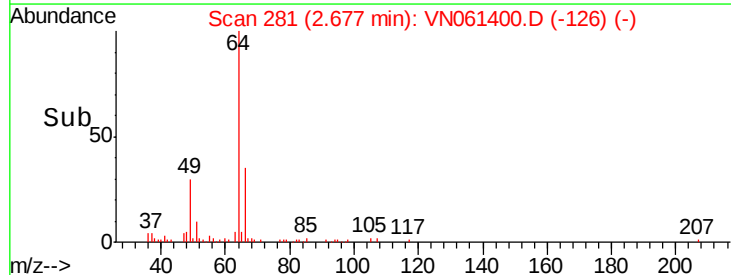
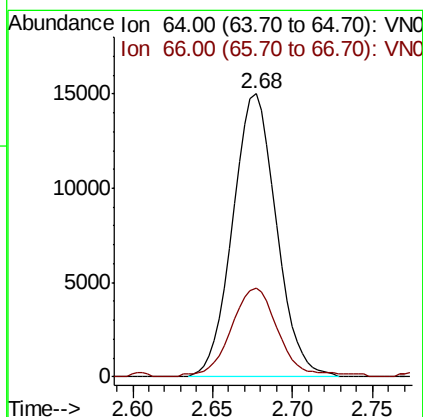
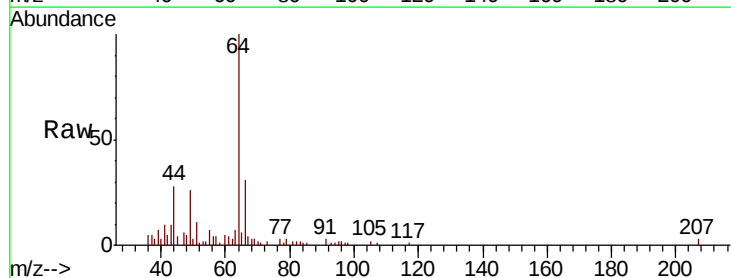
Instrument :
MSVOA_N
ClientSampled :

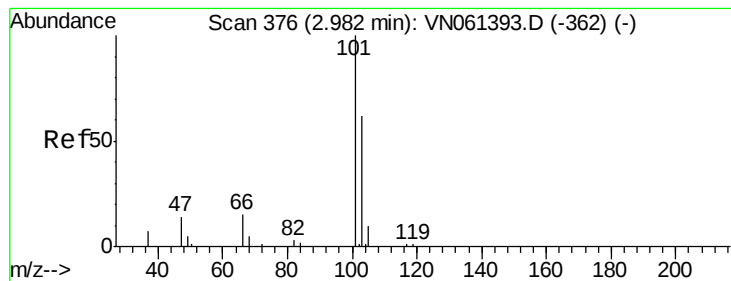
Tot Ion: 94 Resp: 21399
Ion Ratio Lower Upper
94 100
96 93.2 73.7 110.5



#6
Chloroethane
Concen: 20.559 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 64 Resp: 27980
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8



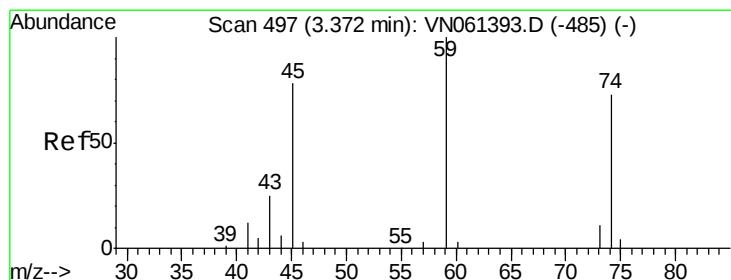
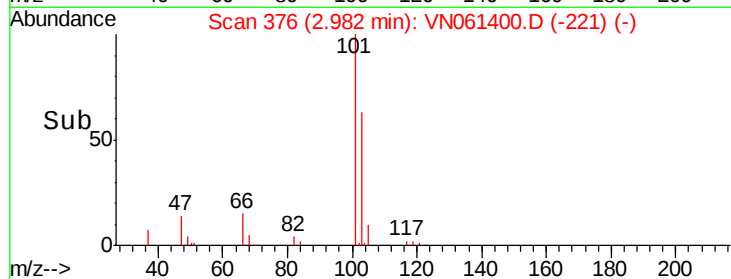
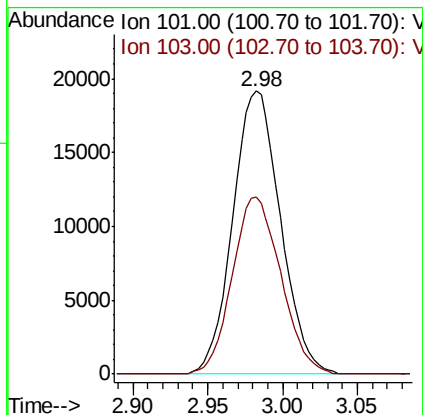
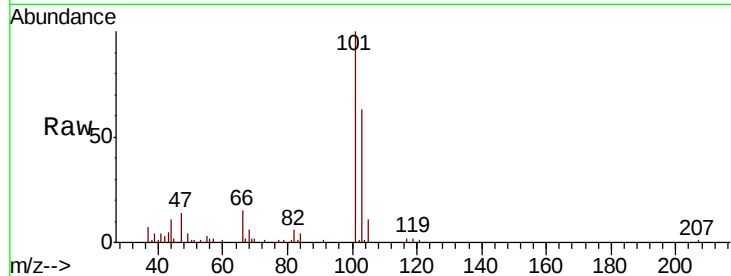


#7

Trichlorofluoromethane
Concen: 19.773 ug/l
RT: 2.98 min Scan# 376
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampled :

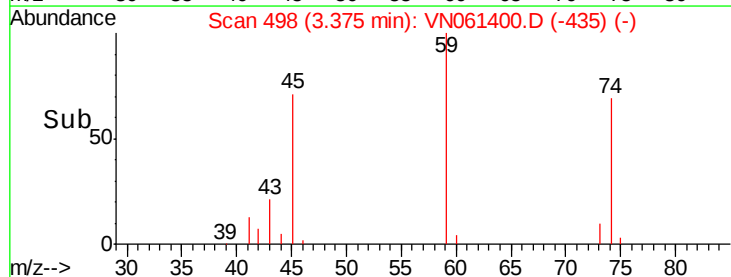
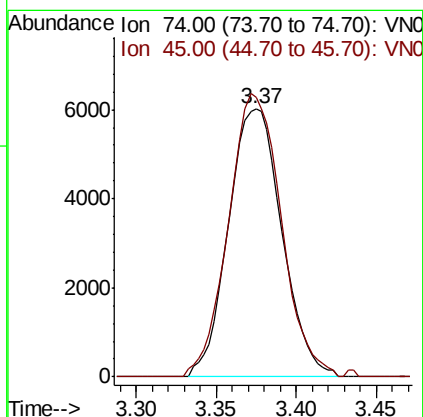
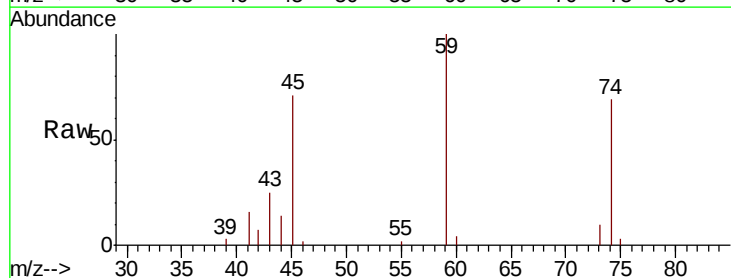
Tot Ion:101 Resp: 42568
Ion Ratio Lower Upper
101 100
103 62.7 51.5 77.3

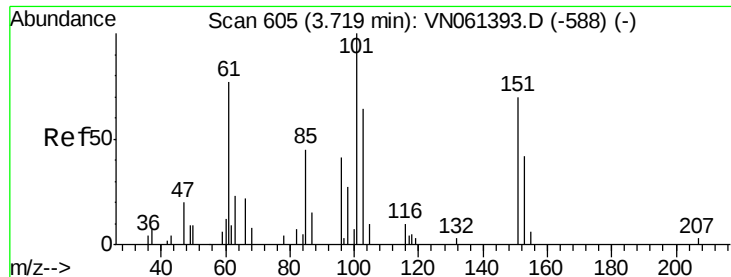


#8

Diethyl Ether
Concen: 20.155 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 74 Resp: 13800
Ion Ratio Lower Upper
74 100
45 104.4 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.392 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

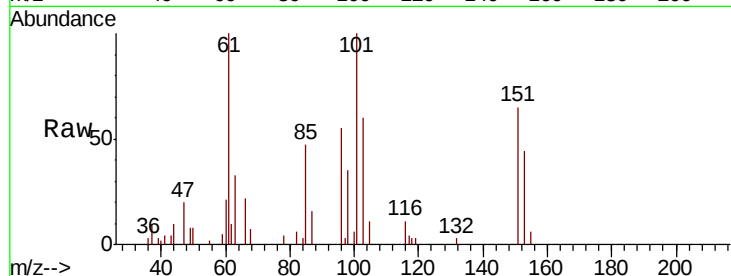
Tot Ion:101 Resp: 18753

Ion Ratio Lower Upper

101 100

85 48.1 0.0 93.8

151 67.3 0.0 149.6



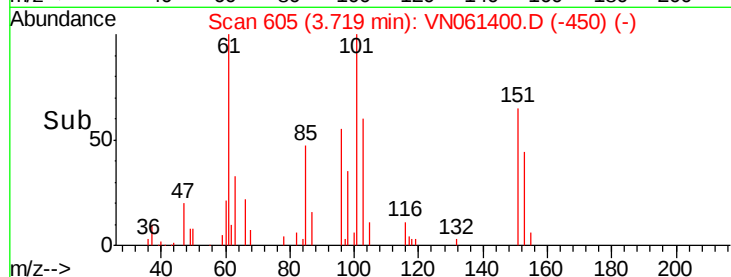
Abundance Ion 101.00 (100.70 to 101.70): VN061400.D (-450) (-)

Ion 85.00 (84.70 to 85.70): VN061400.D (-450) (-)

Ion 151.00 (150.70 to 151.70): VN061400.D (-450) (-)

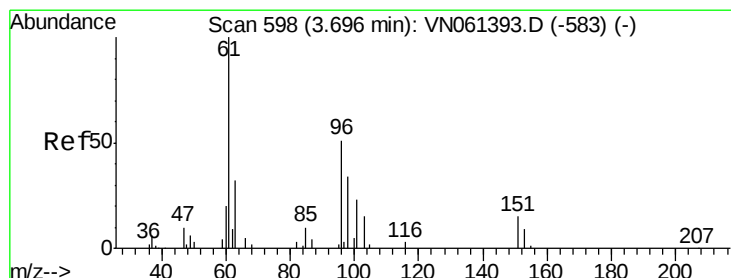
3.72

Time-->



3.72

Time-->



#10

1,1-Dichloroethene

Concen: 19.861 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

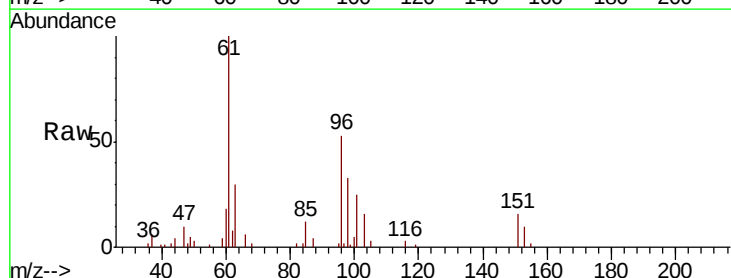
Tgt Ion: 96 Resp: 19229

Ion Ratio Lower Upper

96 100

61 188.3 148.5 222.7

98 62.5 51.0 76.6



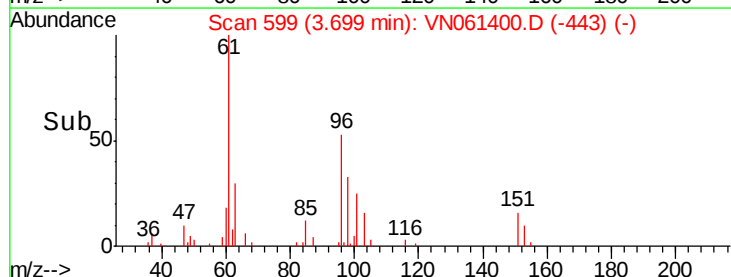
Abundance Ion 96.00 (95.70 to 96.70): VN061400.D (-443) (-)

Ion 61.00 (60.70 to 61.70): VN061400.D (-443) (-)

Ion 98.00 (97.70 to 98.70): VN061400.D (-443) (-)

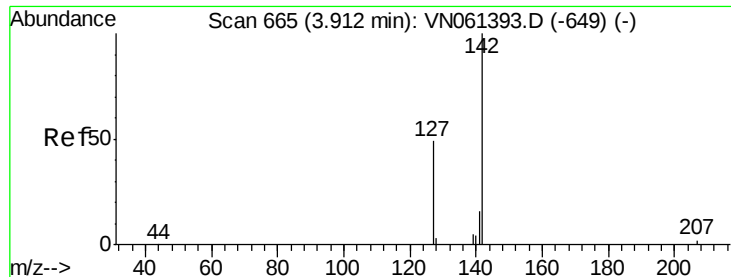
3.70

Time-->



3.70

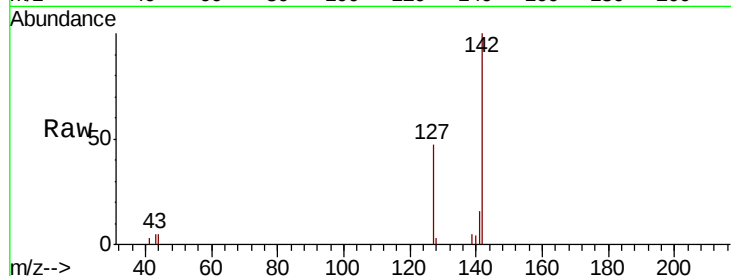
Time-->



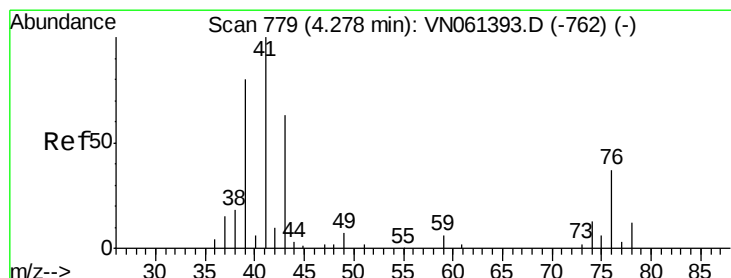
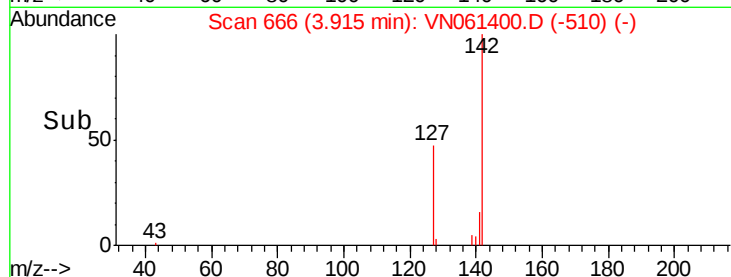
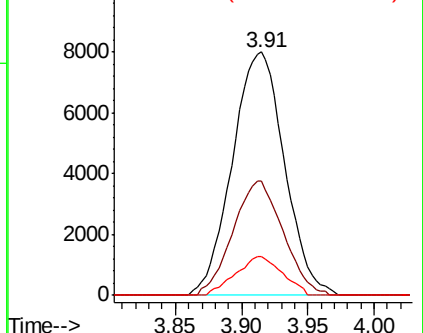
#11
Methyl Iodide
Concen: 20.887 ug/l
RT: 3.91 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:142 Resp: 21886
Ion Ratio Lower Upper
142 100
127 46.9 23.5 70.6
141 16.0 7.4 22.2

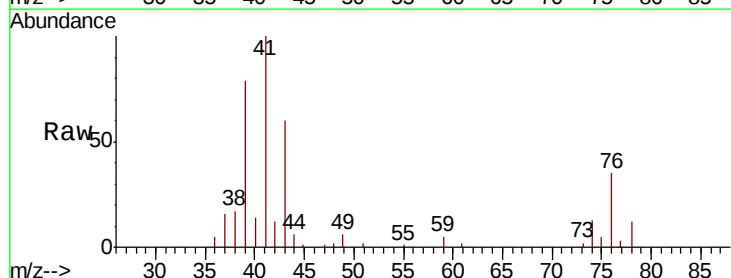


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

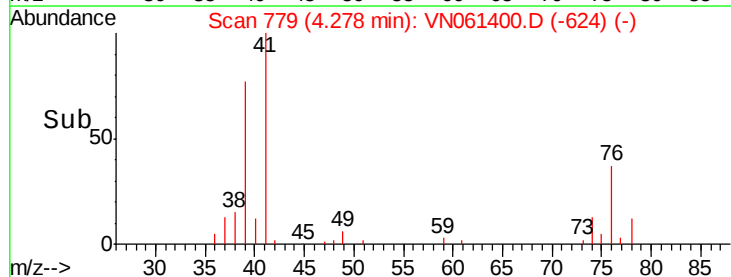
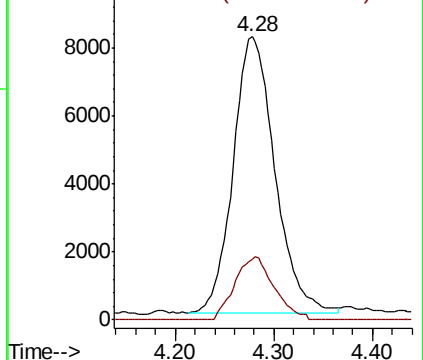


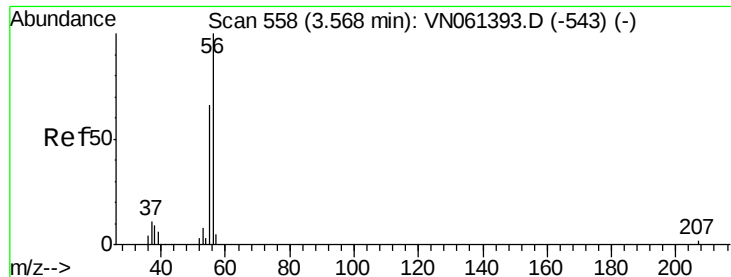
#12
Methyl Acetate
Concen: 20.285 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 43 Resp: 23852
Ion Ratio Lower Upper
43 100
74 22.0 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: 91.345 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

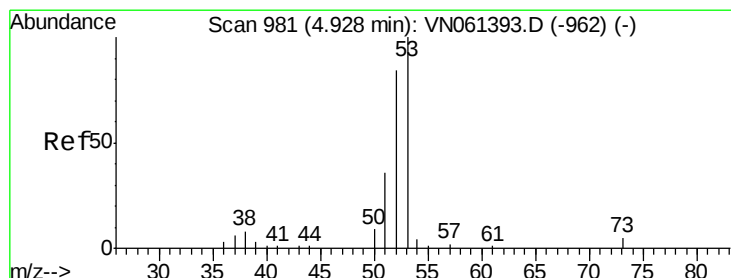
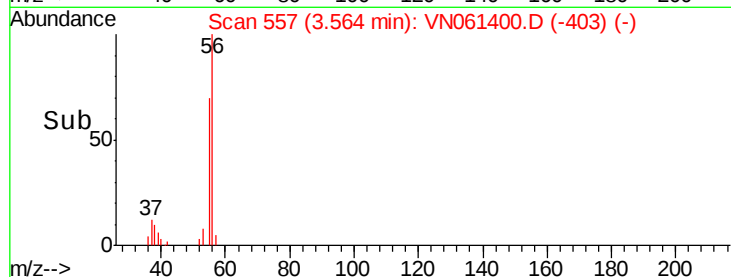
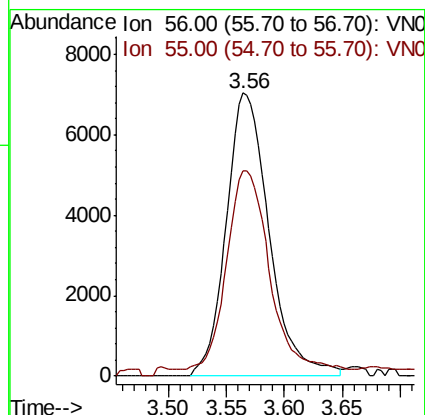
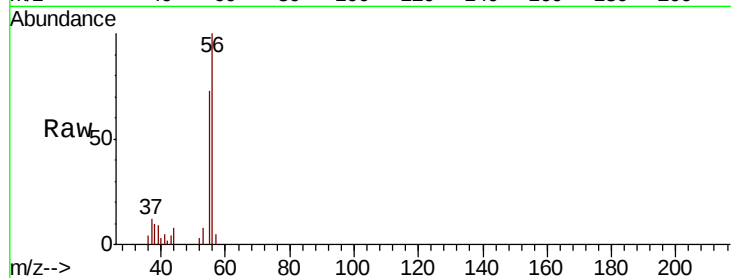
ClientSampleId :

Tot Ion: 56 Resp: 18085

Ion Ratio Lower Upper

56 100

55 71.1 55.9 83.9



#14

Acrylonitrile

Concen: 100.822 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

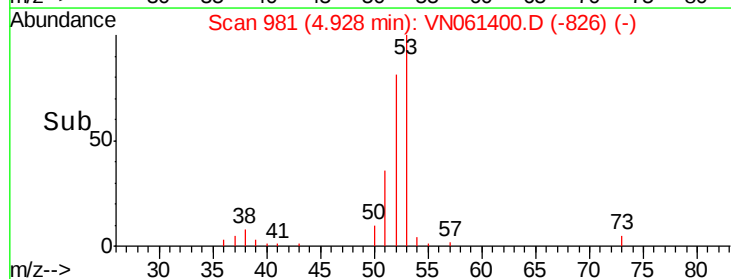
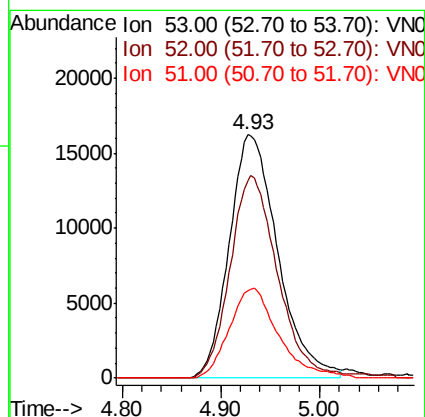
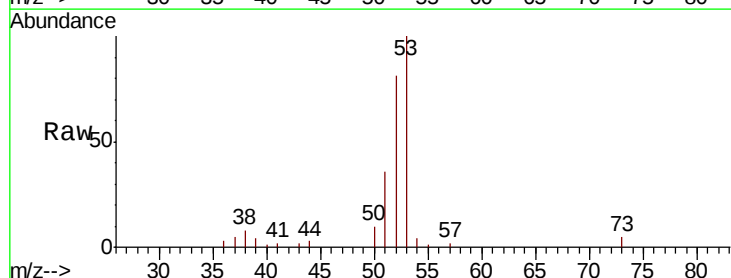
Tgt Ion: 53 Resp: 55648

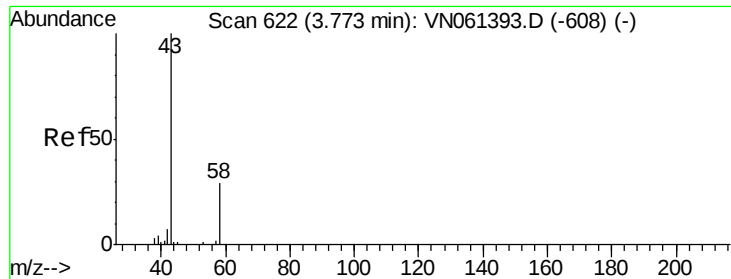
Ion Ratio Lower Upper

53 100

52 80.5 42.2 126.6

51 37.3 18.8 56.4





#15

Acetone

Concen: 101.229 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

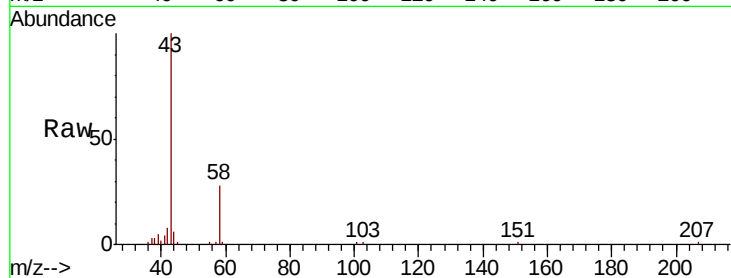
ClientSampled :

Tot Ion: 58 Resp: 13417

Ion Ratio Lower Upper

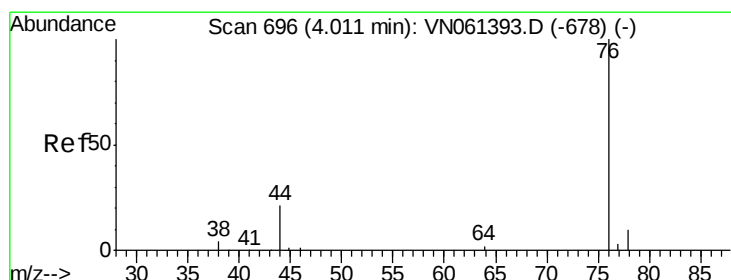
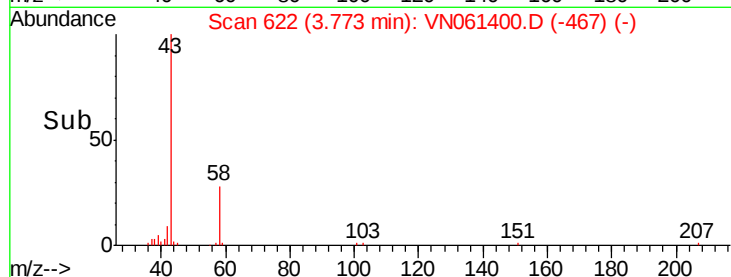
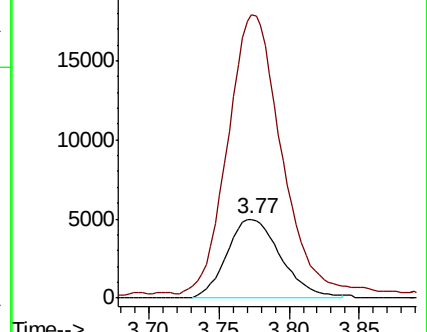
58 100

43 342.3 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN061393.D (-608) (-)

Ion 43.00 (42.70 to 43.70): VN061393.D (-608) (-)



#16

Carbon Disulfide

Concen: 21.831 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.00 min

Lab File: VN061400.D

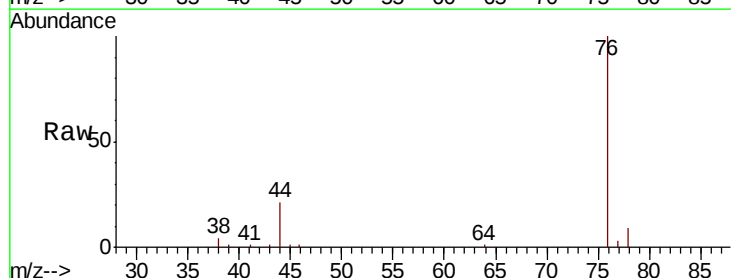
Acq: 14 May 2020 18:07

Tgt Ion: 76 Resp: 59417

Ion Ratio Lower Upper

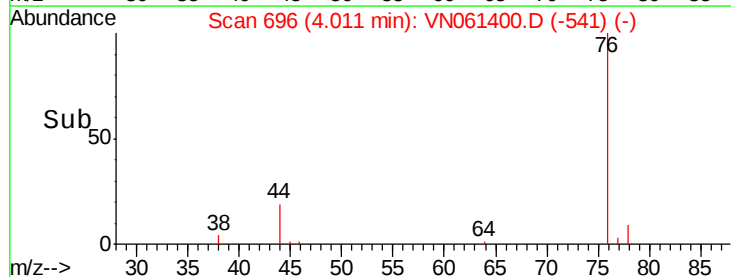
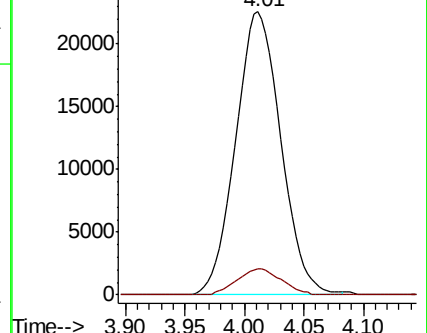
76 100

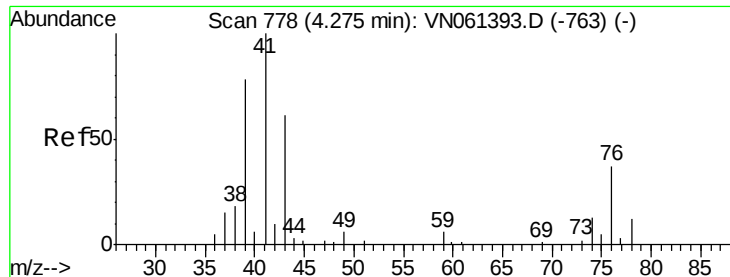
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN061393.D (-678) (-)

Ion 78.00 (77.70 to 78.70): VN061393.D (-678) (-)

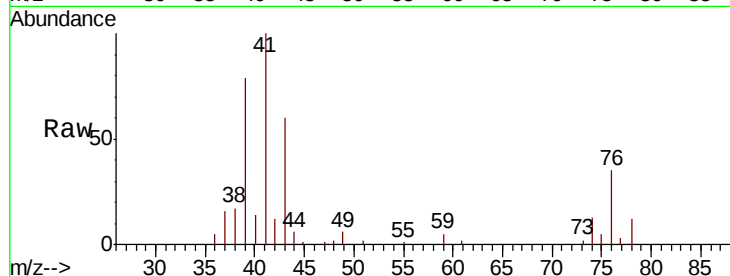




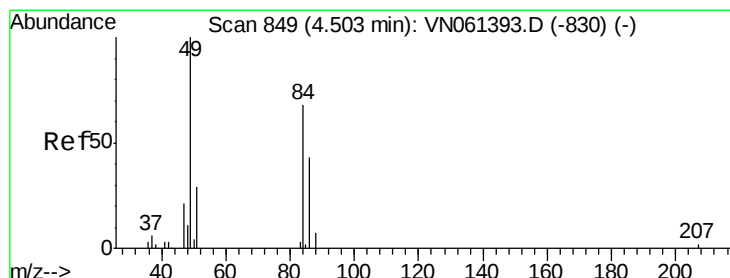
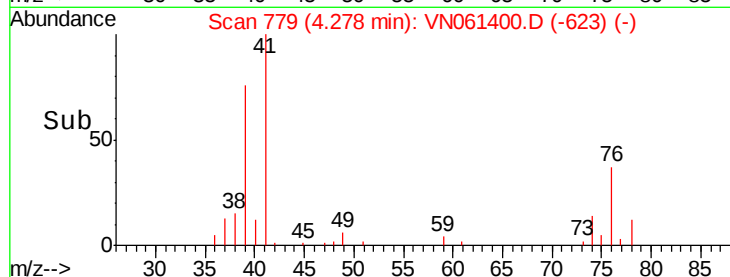
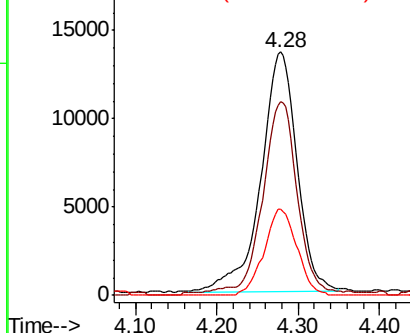
#17
Allvl chloride
Concen: 21.507 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 41913
Ion Ratio Lower Upper
41 100
39 79.6 39.6 118.8
76 36.0 17.6 52.9

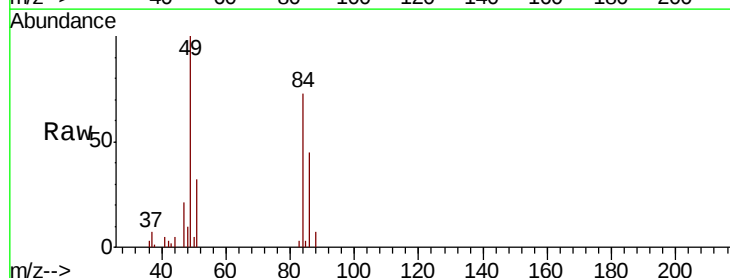


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

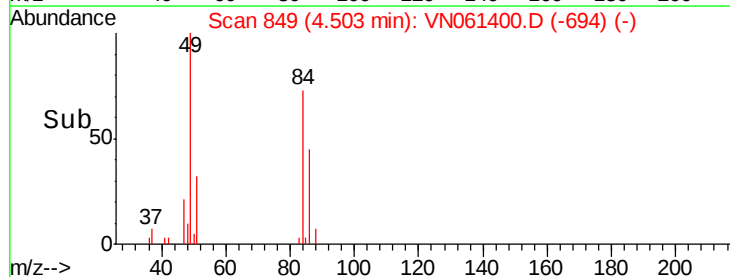
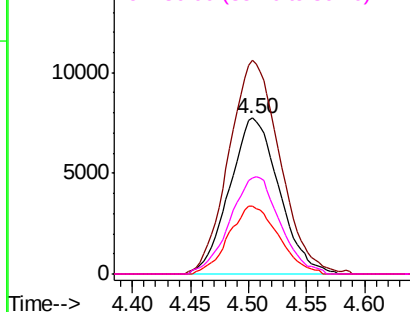


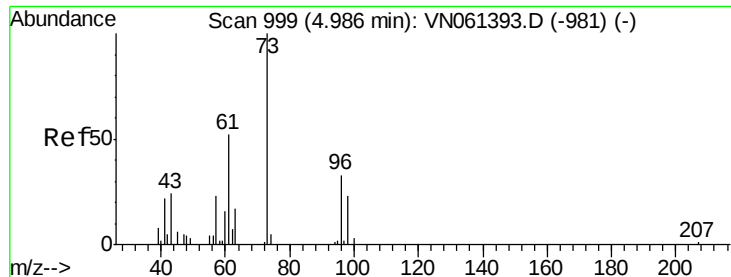
#18
Methylene Chloride
Concen: 19.782 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 84 Resp: 23114
Ion Ratio Lower Upper
84 100
49 135.0 106.6 160.0
51 43.6 32.4 48.6
86 61.8 50.6 76.0



Abundance Ion 84.00 (83.70 to 84.70): VNO
Ion 49.00 (48.70 to 49.70): VNO
Ion 51.00 (50.70 to 51.70): VNO
Ion 86.00 (85.70 to 86.70): VNO

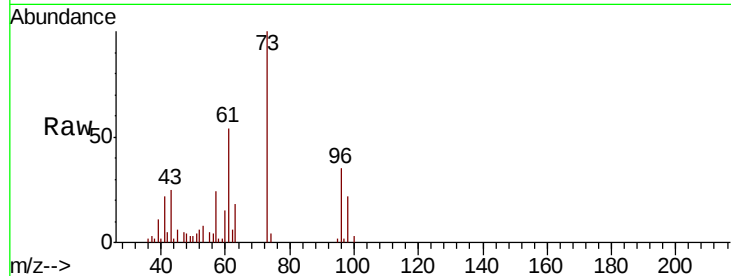




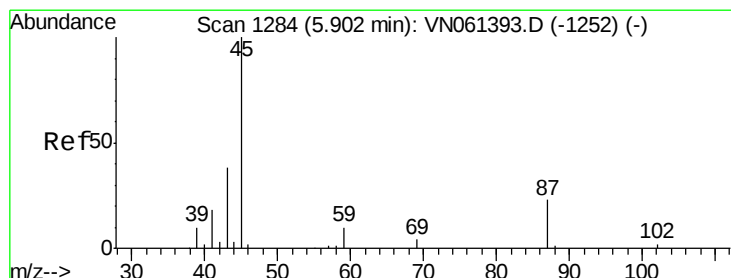
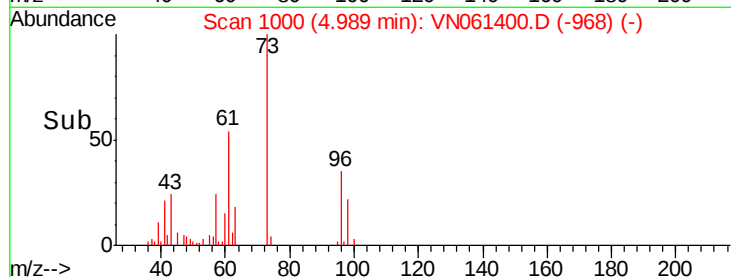
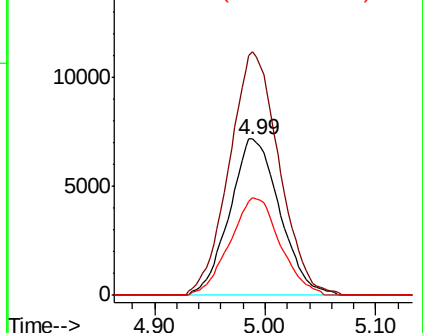
#19
trans-1,2-Dichloroethene
Concen: 19.639 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 22629
Ion Ratio Lower Upper
96 100
61 153.5 131.8 197.6
98 62.5 52.6 79.0

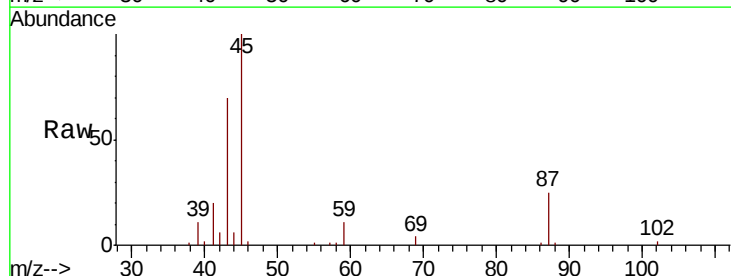


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

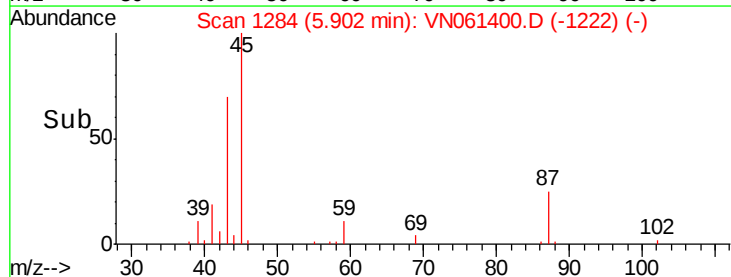
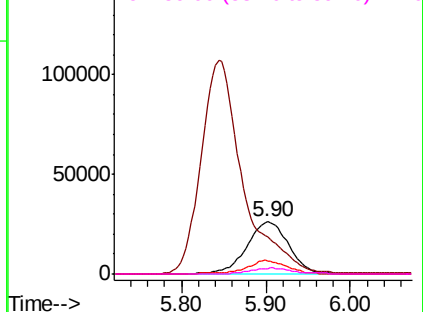


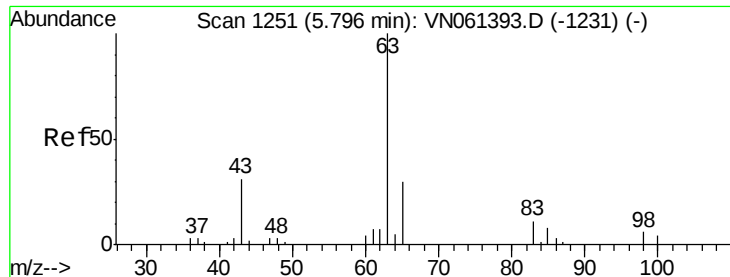
#20
Diisopropyl ether
Concen: 19.915 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 45 Resp: 90348
Ion Ratio Lower Upper
45 100
43 67.0 54.7 82.1
87 25.4 21.5 32.3
59 10.7 8.7 13.1



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

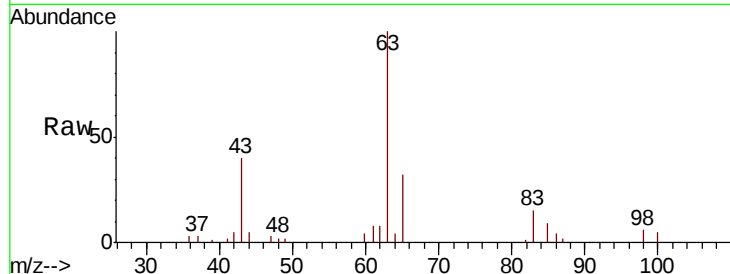




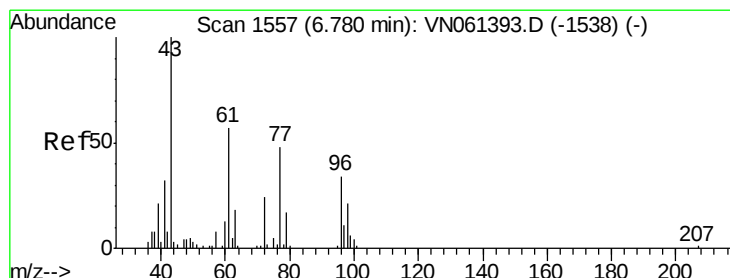
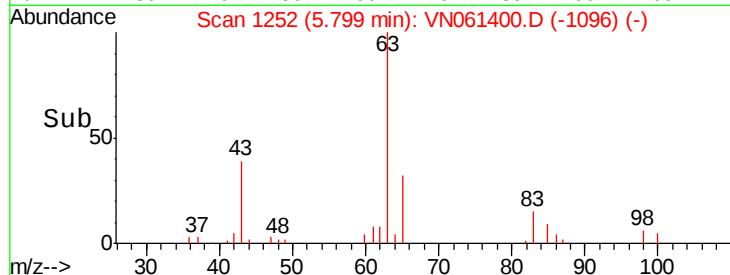
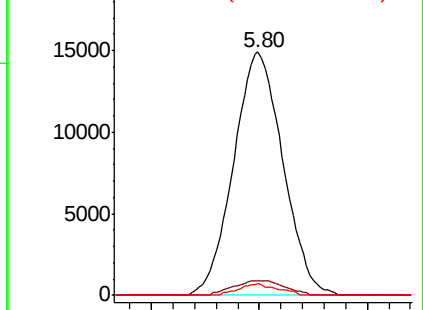
#21
 1,1-Dichloroethane
 Concen: 19.977 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.9	8.6
100	4.8	1.8	5.5

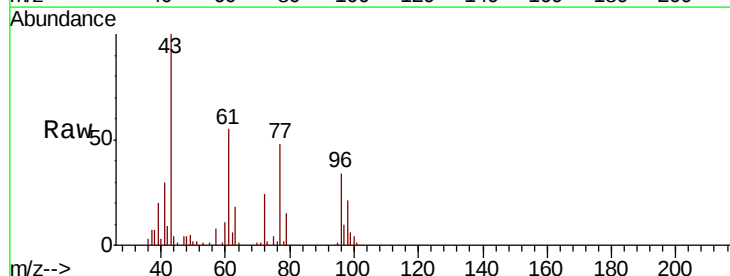


Abundance Ion 63.00 (62.70 to 63.70): VN061393.D (-1231) (-)
 Ion 98.00 (97.70 to 98.70): VN061393.D (-1231) (-)
 Ion 100.00 (99.70 to 100.70): VN061393.D (-1231) (-)

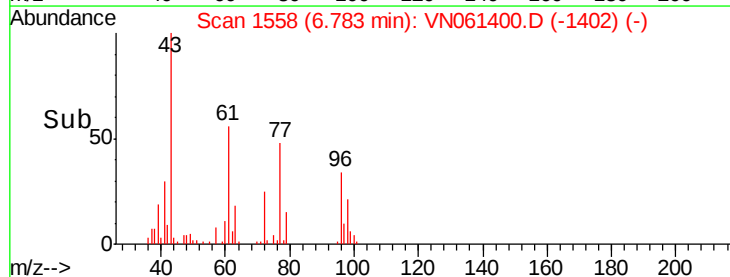
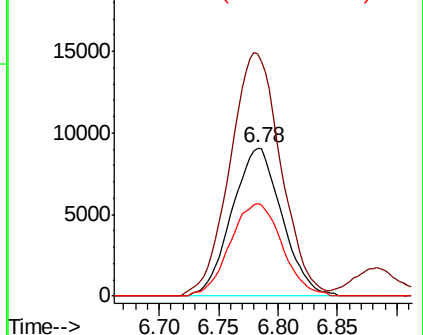


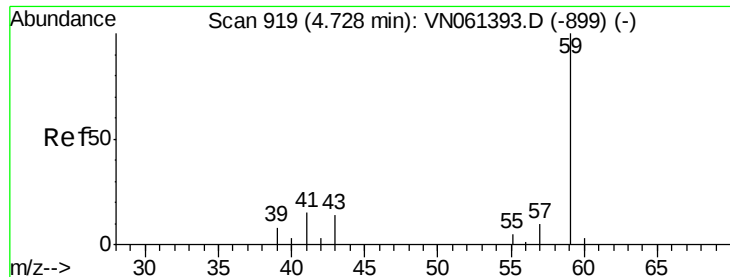
#22
 cis-1,2-Dichloroethene
 Concen: 19.567 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.1	127.2	190.8
98	64.7	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) (-)



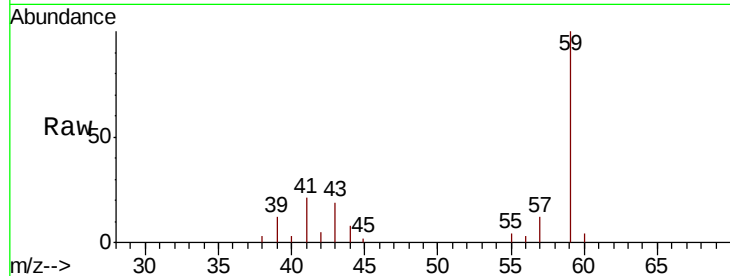


#23

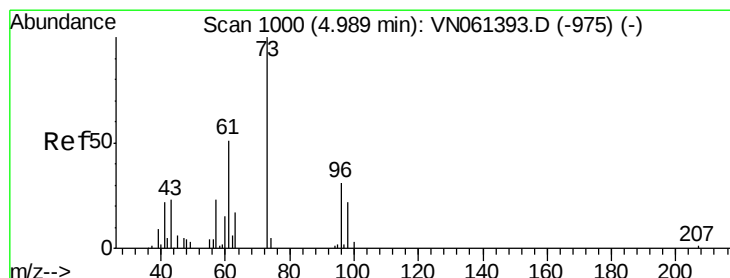
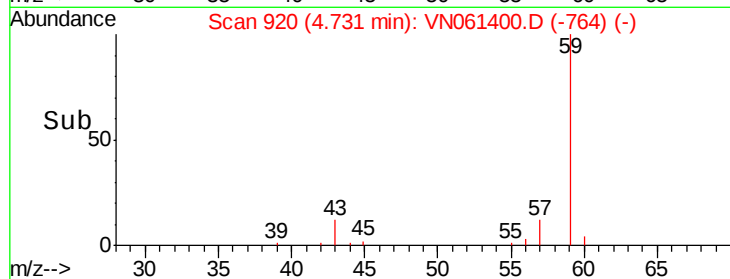
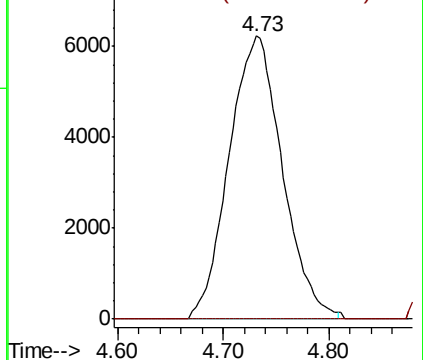
tert-Butyl Alcohol
 Concen: 123.647 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 59 Resp: 21876
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



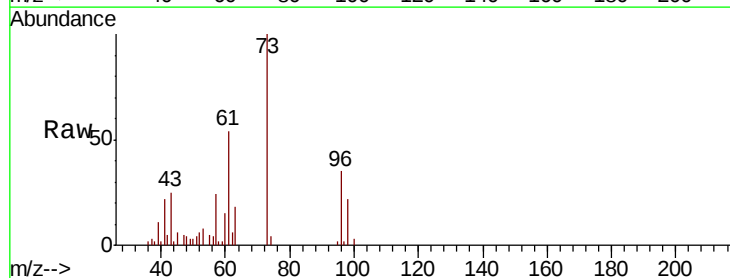
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



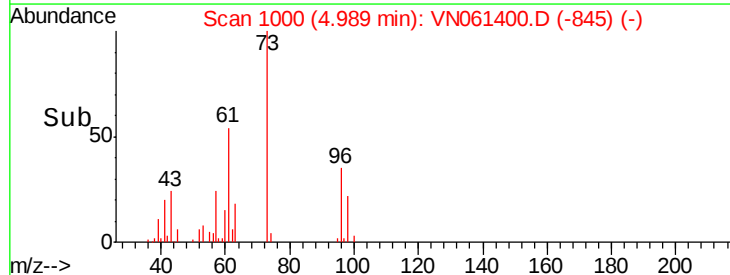
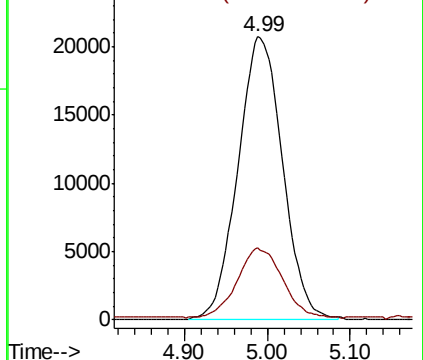
#24

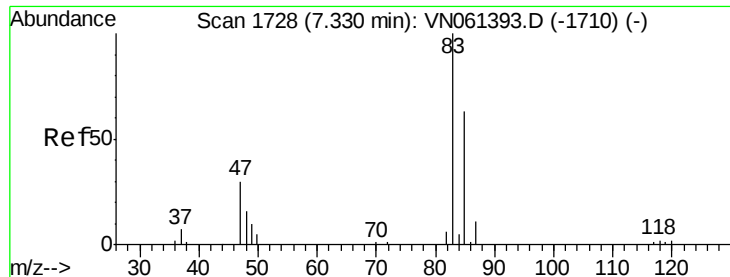
Methyl tert-Butyl Ether
 Concen: 19.778 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 73 Resp: 77714
 Ion Ratio Lower Upper
 73 100
 43 24.4 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0

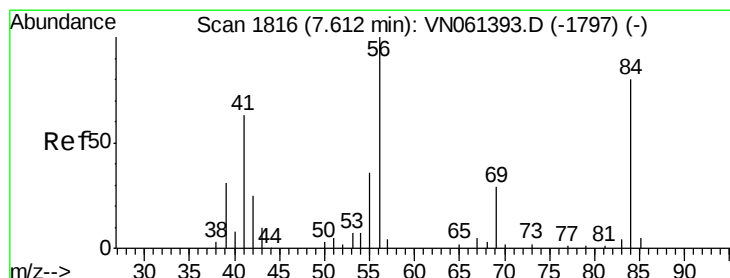
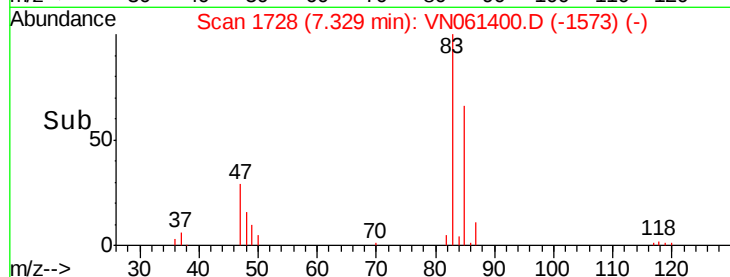
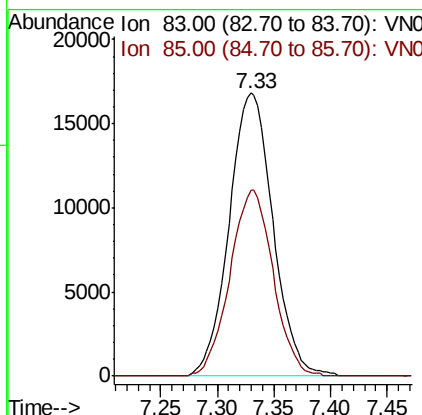
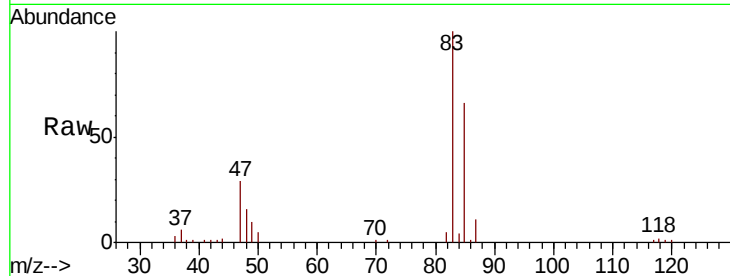




#25
Chloroform
Concen: 19.763 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

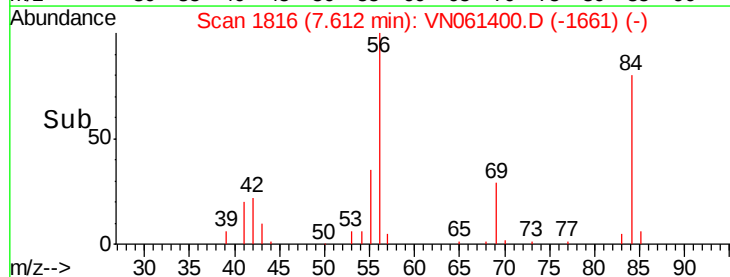
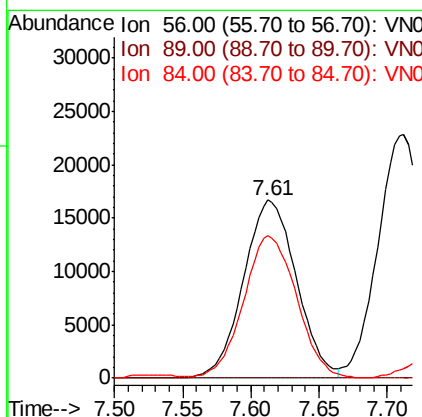
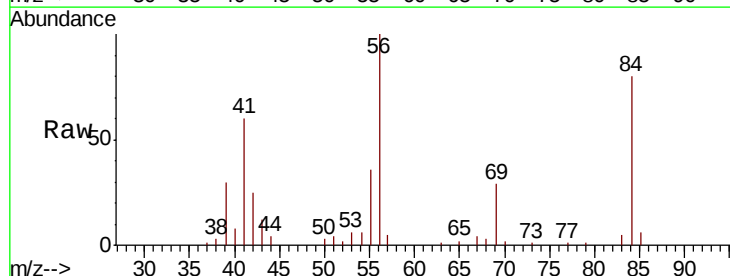
Instrument :
MSVOA_N
ClientSampleId :

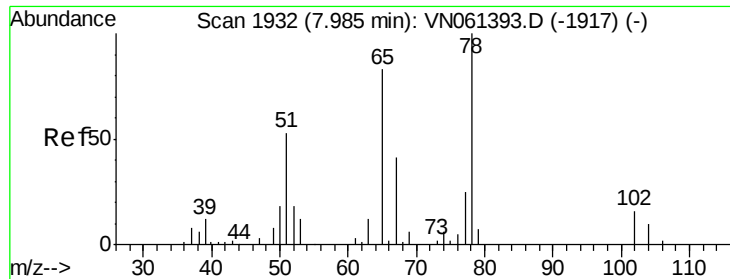
Tot Ion: 83 Resp: 45384
Ion Ratio Lower Upper
83 100
85 65.7 53.8 80.8



#26
Cyclohexane
Concen: 19.900 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 56 Resp: 45014
Ion Ratio Lower Upper
56 100
89 0.0 6.2 9.2#
84 80.2 65.6 98.4

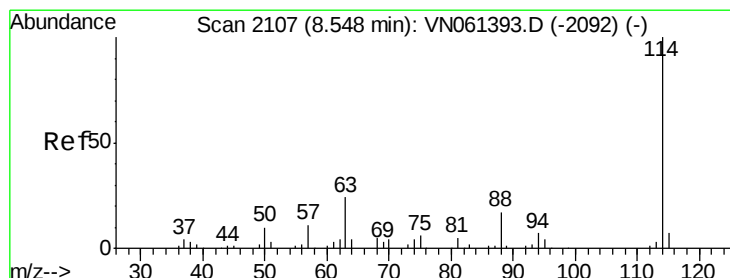
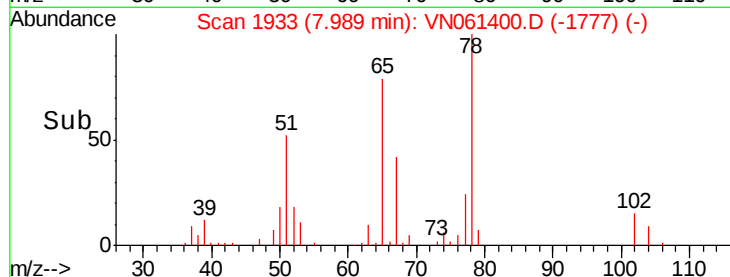
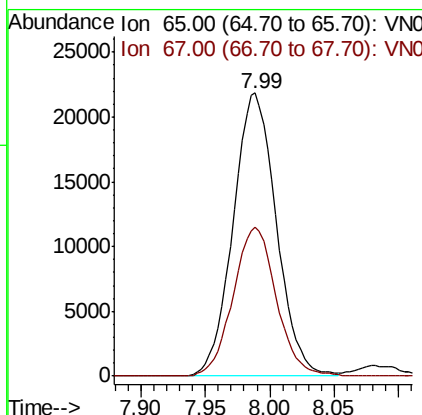
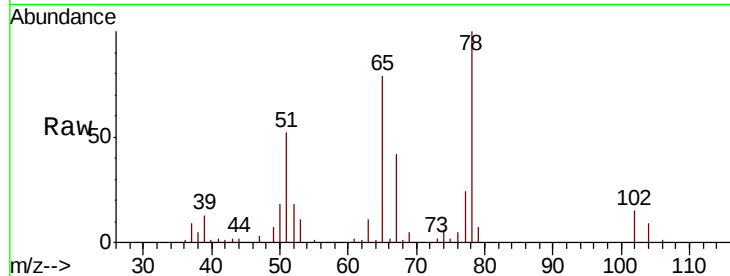




#27
 1,2-Dichloroethane-d4
 Concen: 31.635 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

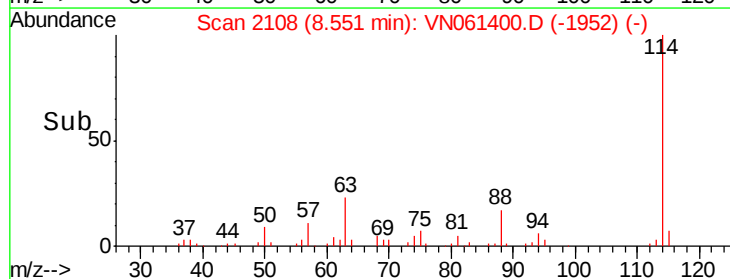
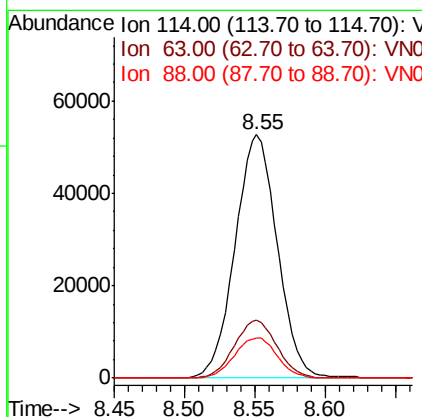
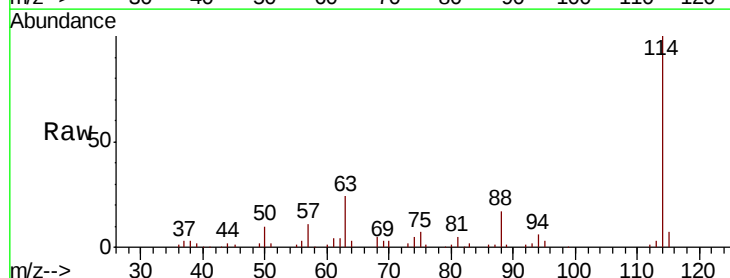
Instrument :
 MSVOA_N
 ClientSampleId :

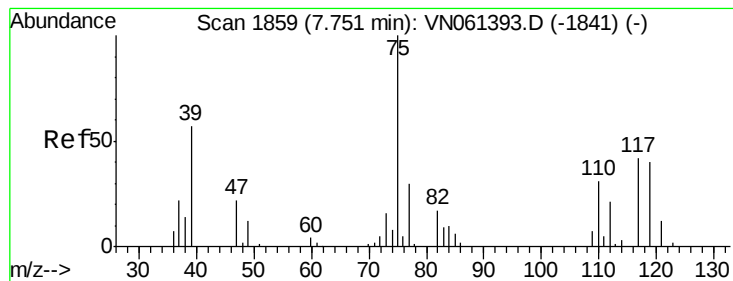
Tot Ion: 65 Resp: 51065
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 114 Resp: 110165
 Ion Ratio Lower Upper
 114 100
 63 24.0 18.1 27.1
 88 16.8 13.0 19.4





#29

1,1-Dichloropropene

Concen: 18.755 ug/l

RT: 7.75 min Scan# 1859

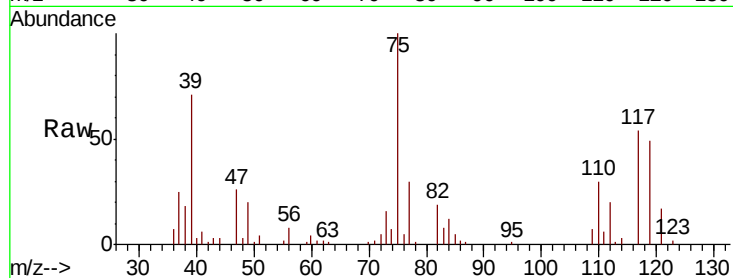
Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampled :

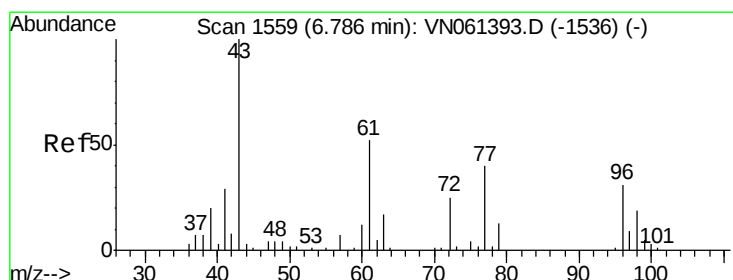
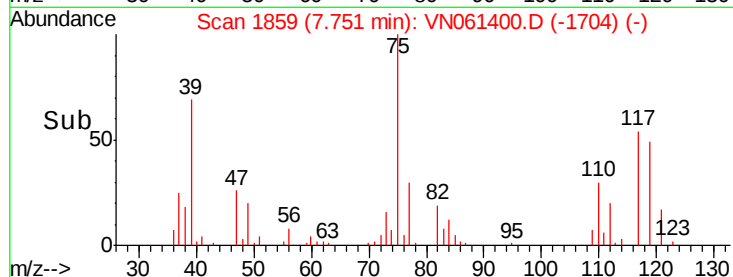
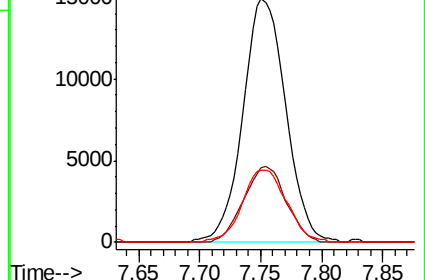
Tot Ion:	75	Resp:	36257
Ion	Ratio	Lower	Upper
75	100		
110	30.8	0.0	64.6
77	30.5	0.0	60.8



Abundance Ion 75.00 (74.70 to 75.70): VN061393.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN061393.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN061393.D (-1841) (-)



#30

2-Butanone

Concen: 95.981 ug/l

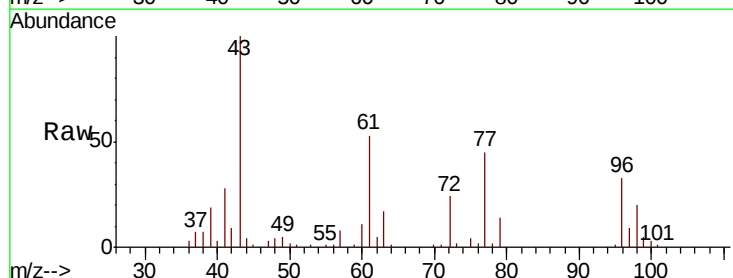
RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

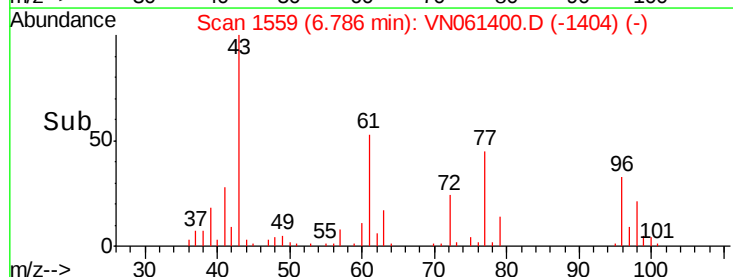
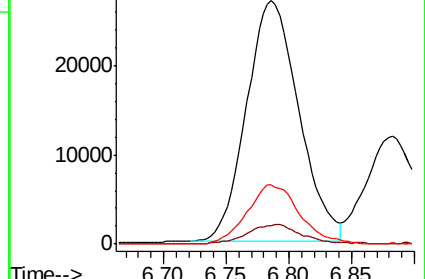
Tgt Ion:	43	Resp:	78490
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.5	9.7
72	24.7	20.1	30.1

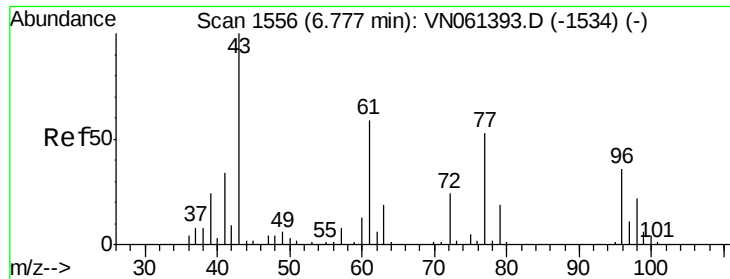


Abundance Ion 43.00 (42.70 to 43.70): VN061393.D (-1536) (-)

Ion 57.00 (56.70 to 57.70): VN061393.D (-1536) (-)

Ion 72.00 (71.70 to 72.70): VN061393.D (-1536) (-)





#31

2,2-Dichloropropane

Concen: 18.799 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

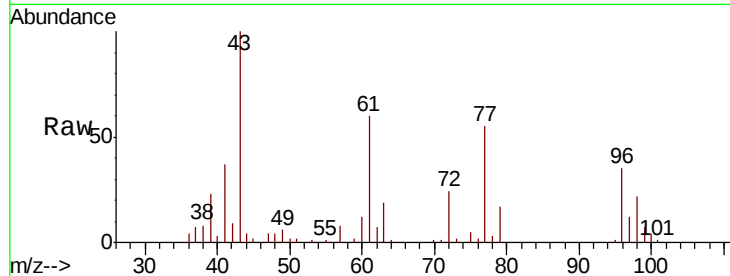
ClientSampleId :

Tot Ion: 77 Resp: 42457

Ion Ratio Lower Upper

77 100

97 20.5 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0

6.78

15000

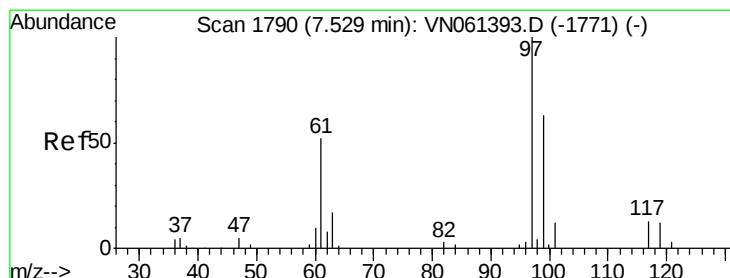
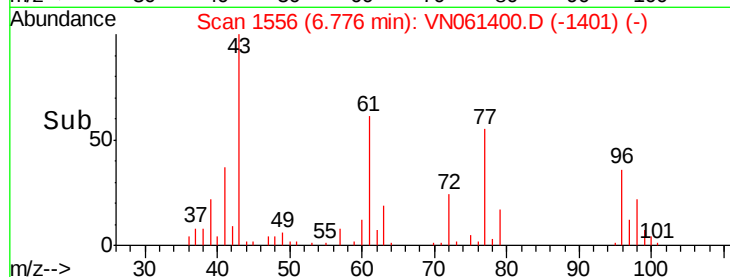
10000

5000

0

Time-->

6.70 6.80 6.90



#32

1,1,1-Trichloroethane

Concen: 18.636 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

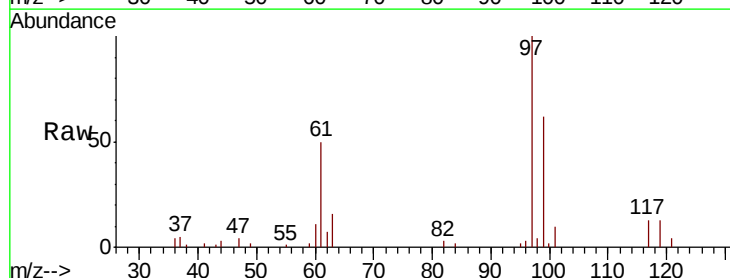
Tgt Ion: 97 Resp: 40309

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 50.3 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

20000

15000

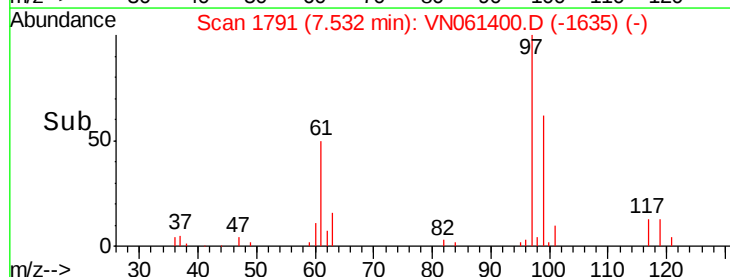
10000

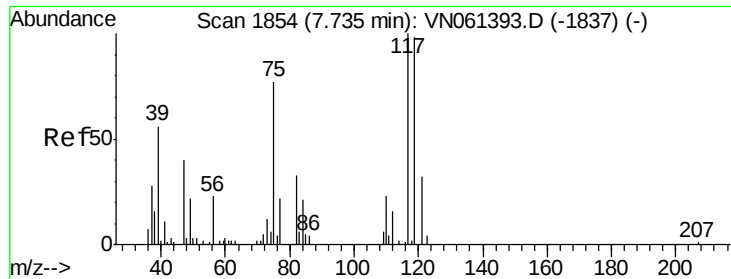
5000

0

Time-->

7.45 7.50 7.55 7.60

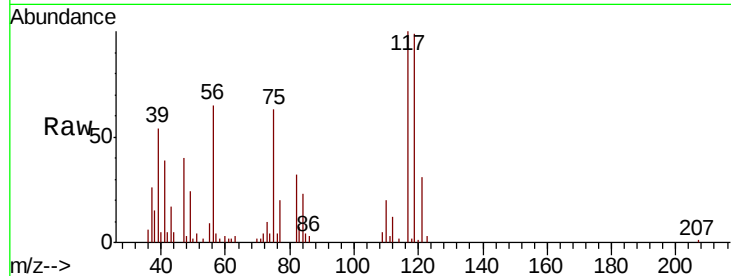




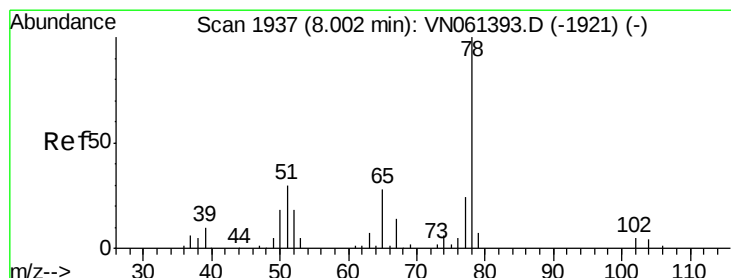
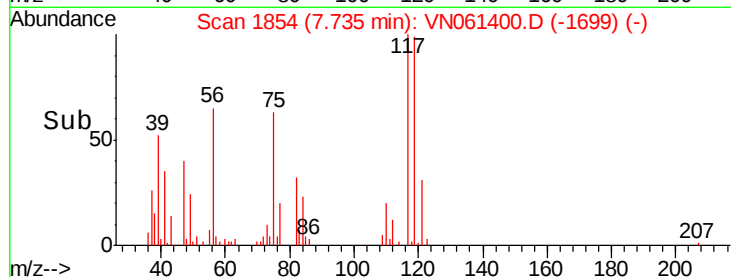
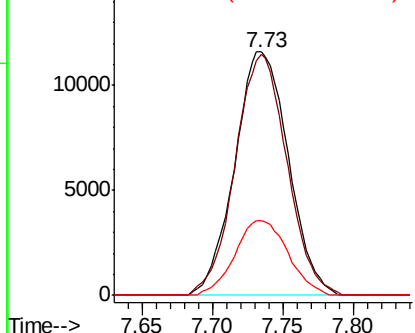
#33
Carbon Tetrachloride
Concen: 18.524 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 30755
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3
121 30.8 23.8 35.8

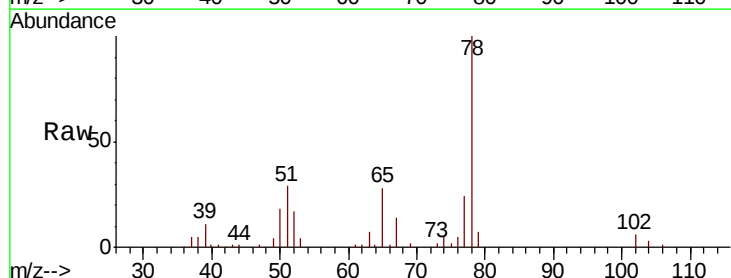


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

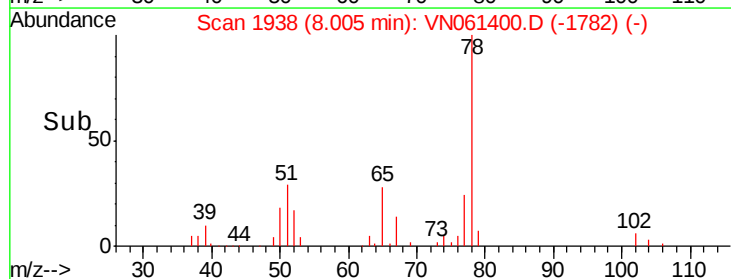
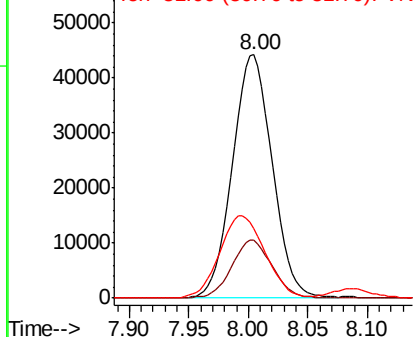


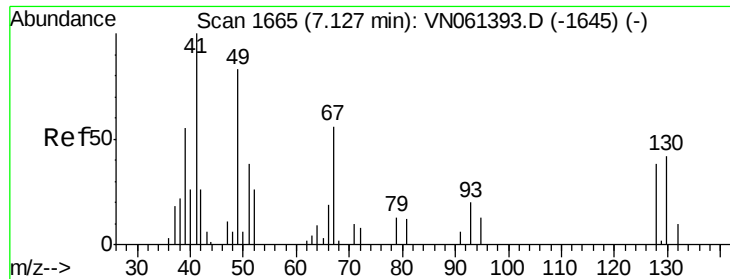
#34
Benzene
Concen: 18.796 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 78 Resp: 102799
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 27.6 22.1 33.1



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

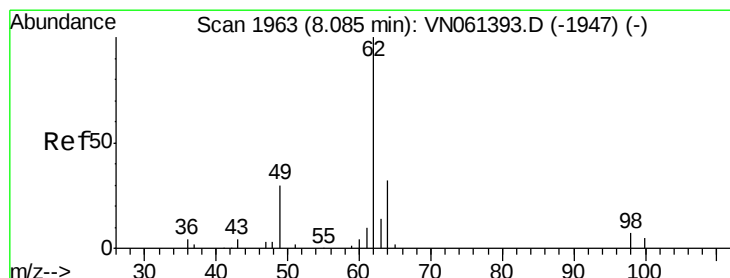
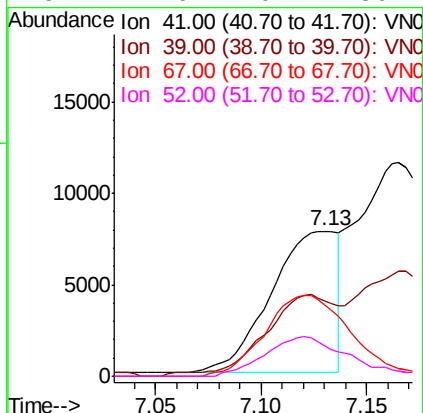
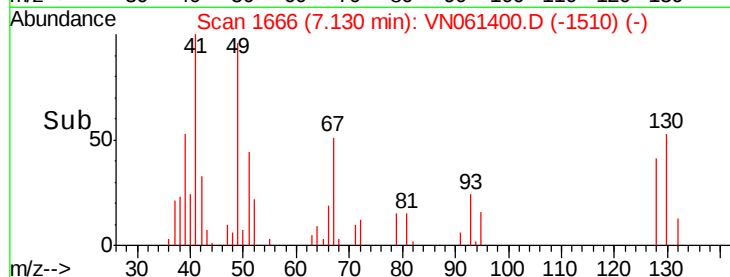
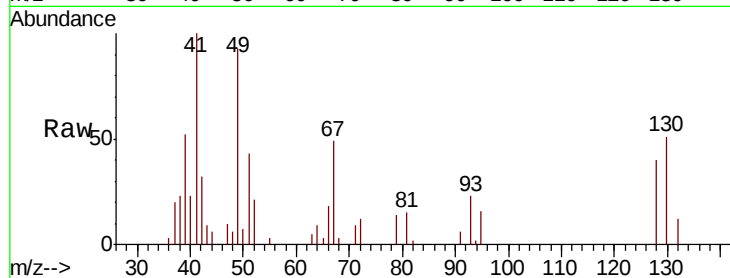




#35
Methacrylonitrile
Concen: 20.594 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

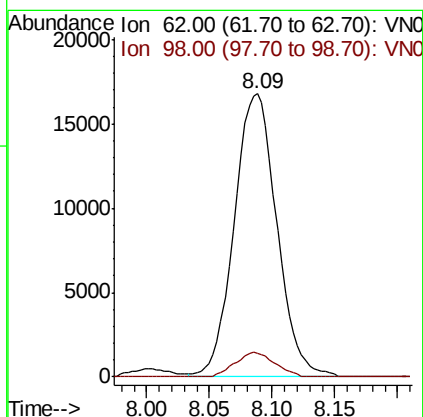
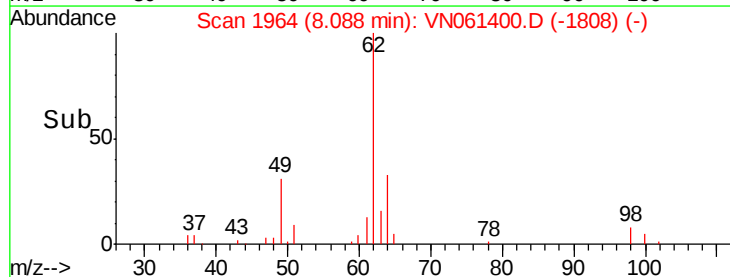
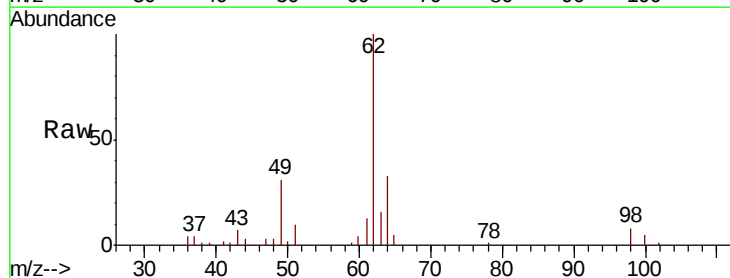
Instrument :
MSVOA_N
ClientSampled :

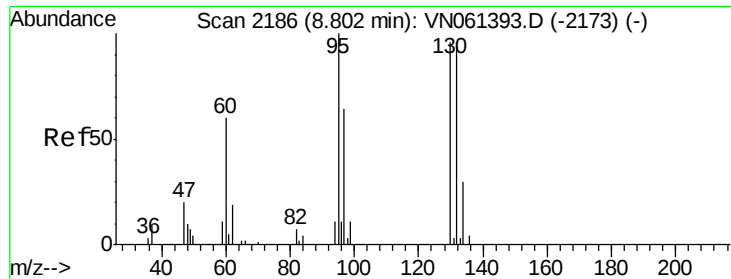
Tot Ion:	41	Resp:	16892
Ion	Ratio	Lower	Upper
41	100		
39	50.8	25.8	77.4
67	50.8	23.0	69.0
52	21.6	10.1	30.1



#36
1,2-Dichloroethane
Concen: 18.875 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion:	62	Resp:	39628
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.4	9.6





#37

Trichloroethene

Concen: 18.646 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

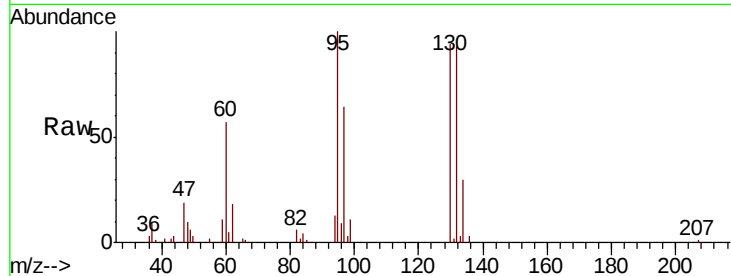
ClientSampled :

Tot Ion:130 Resp: 25109

Ion Ratio Lower Upper

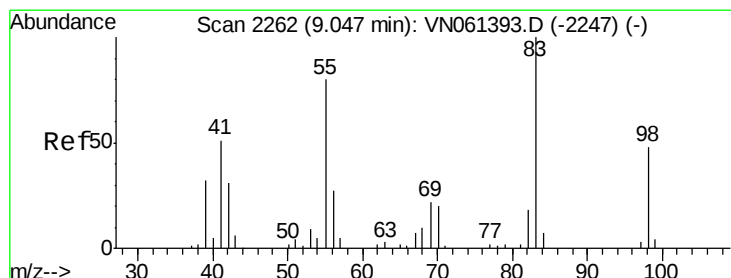
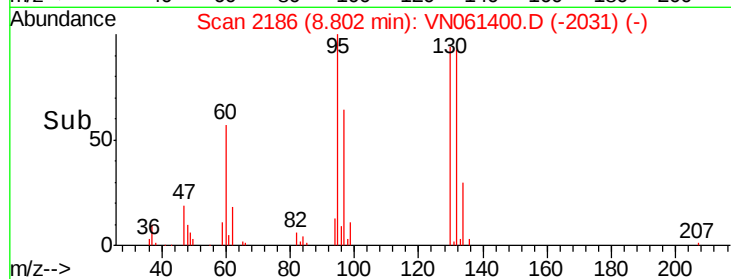
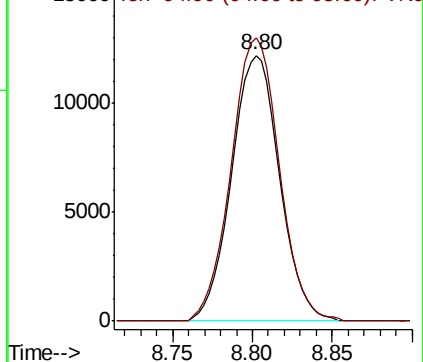
130 100

95 106.4 83.2 124.8



Abundance Ion 129.90 (129.60 to 130.60): VN061400.D (-2031) (-)

Ion 94.90 (94.60 to 95.60): VN061400.D (-2031) (-)



#38

Methylcyclohexane

Concen: 18.268 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

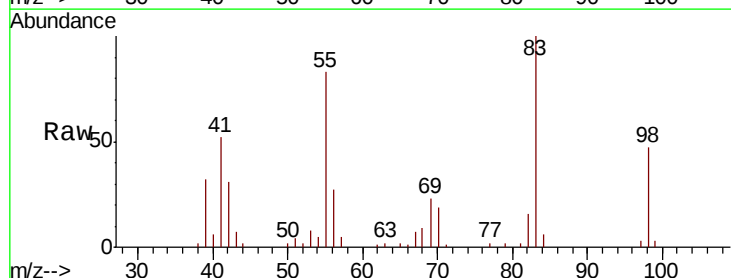
Tgt Ion: 83 Resp: 42395

Ion Ratio Lower Upper

83 100

55 84.0 40.4 121.1

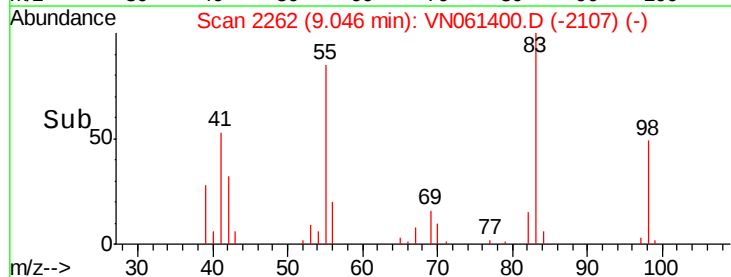
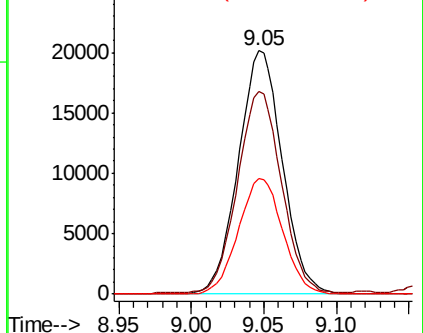
98 47.7 21.6 65.0

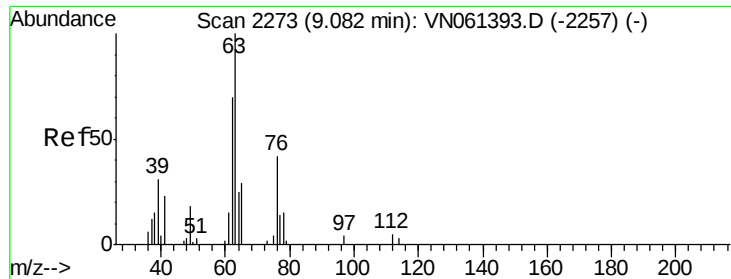


Abundance Ion 83.00 (82.70 to 83.70): VN061400.D (-2107) (-)

Ion 55.00 (54.70 to 55.70): VN061400.D (-2107) (-)

Ion 98.00 (97.70 to 98.70): VN061400.D (-2107) (-)

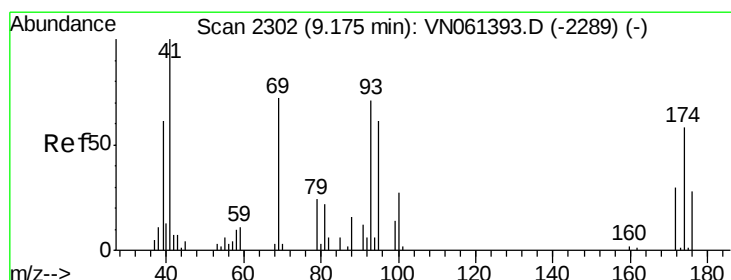
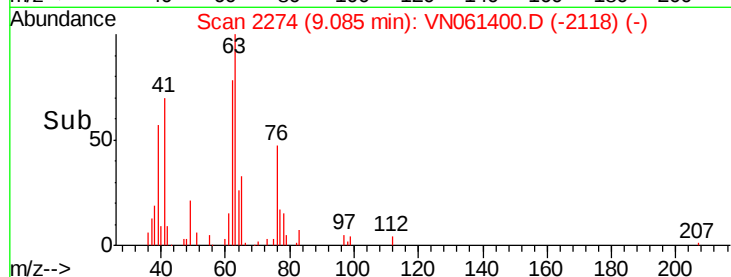
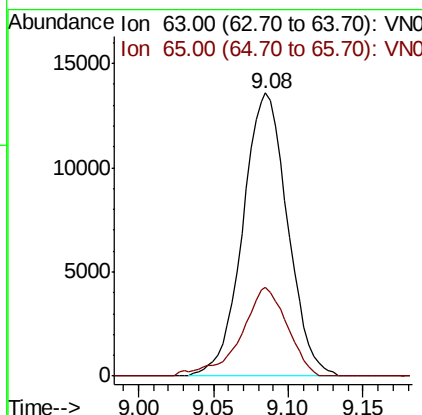
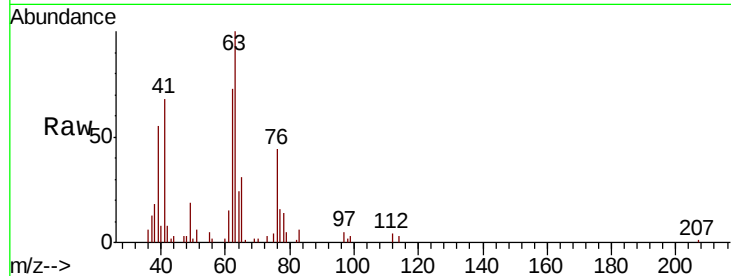




#39
 1,2-Dichloropropane
 Concen: 18.843 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

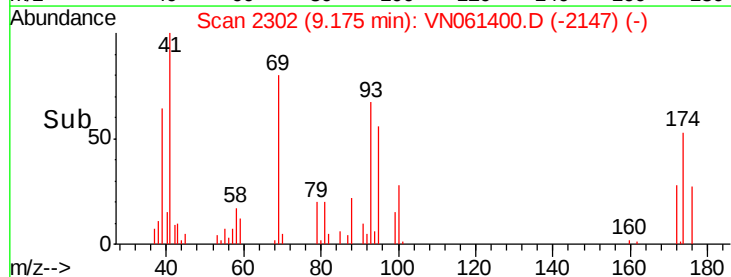
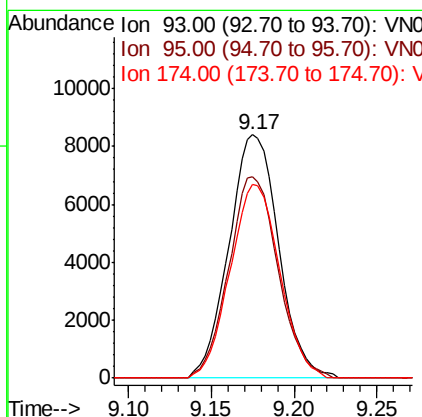
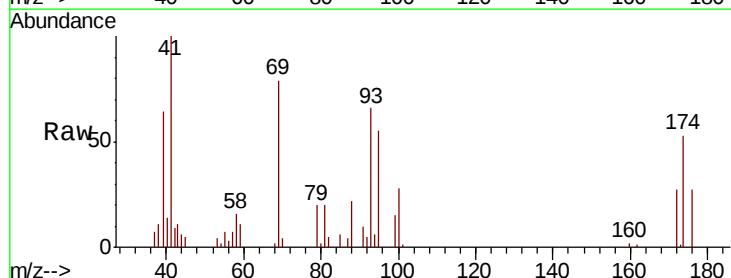
Instrument :
 MSVOA_N
 ClientSampleId :

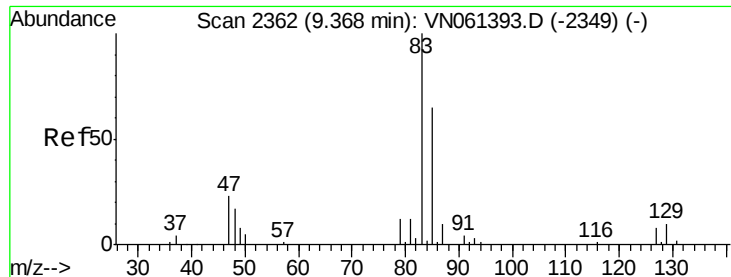
Tot Ion: 63 Resp: 28331
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.8 35.6



#40
 Dibromomethane
 Concen: 18.853 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 93 Resp: 17508
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 167.6
 174 79.6 0.0 187.2

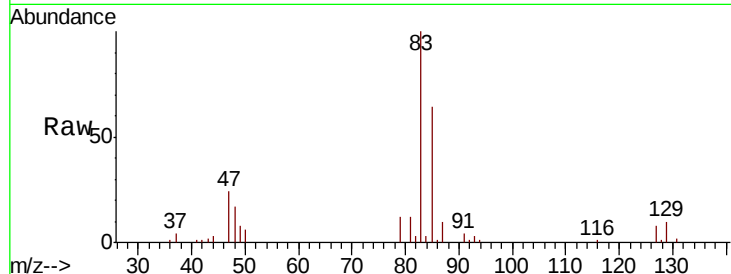




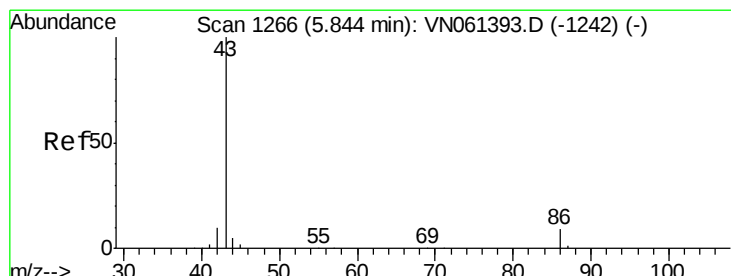
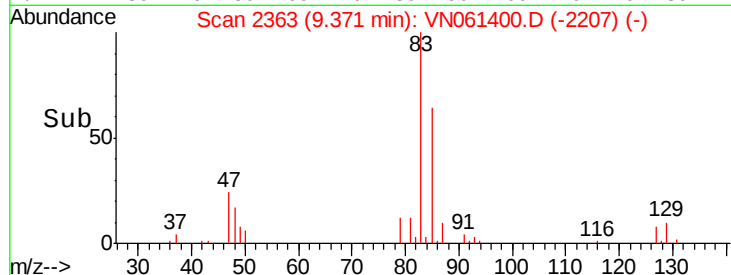
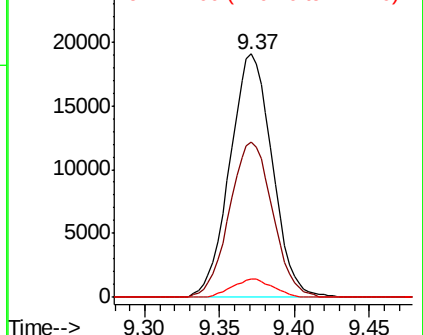
#41
 Bromodichloromethane
 Concen: 18.619 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 37511
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.0 76.4
 127 7.6 6.6 9.8

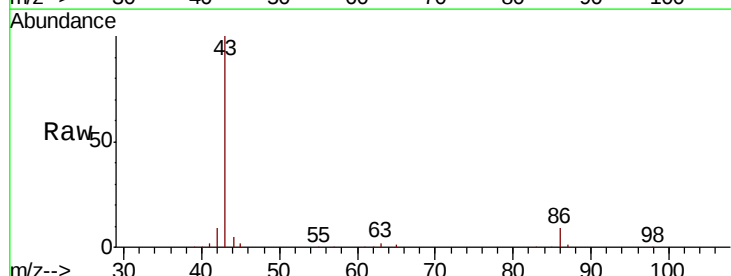


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): V

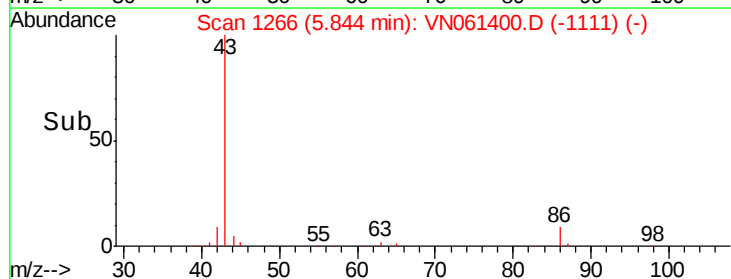
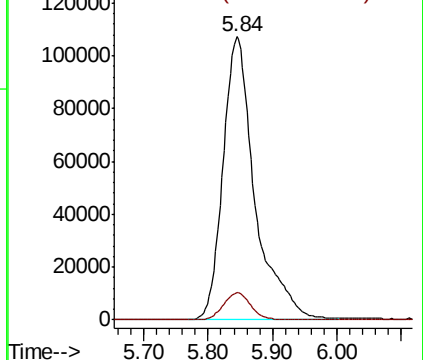


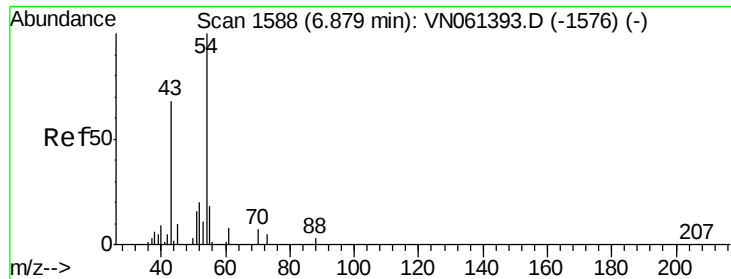
#42
 Vinyl Acetate
 Concen: 94.542 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 43 Resp: 367150
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.585 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

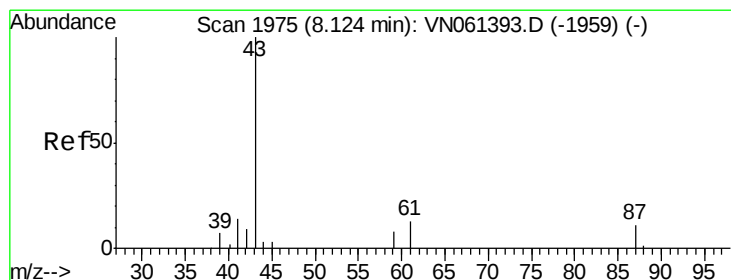
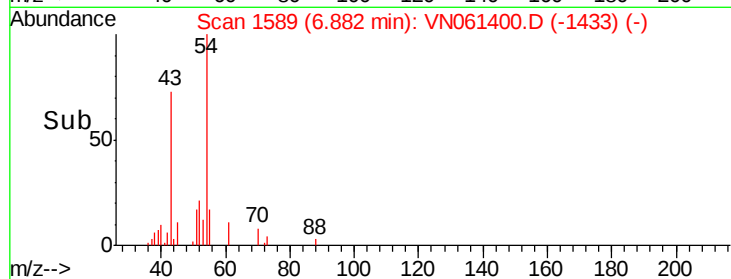
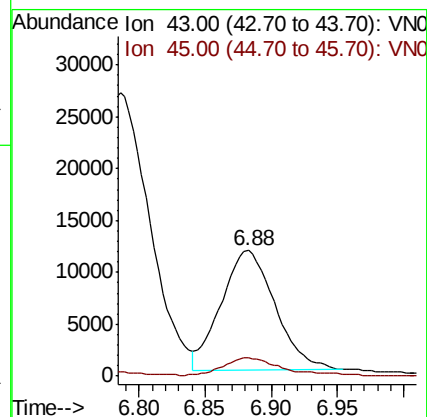
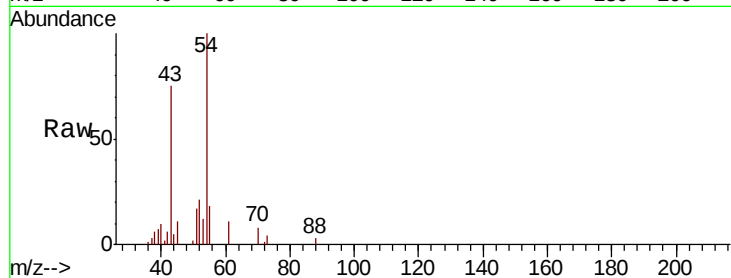
ClientSampled :

Tot Ion: 43 Resp: 32463

Ion Ratio Lower Upper

43 100

45 15.6 9.7 14.5#



#44

Isopropyl Acetate

Concen: 18.740 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061400.D

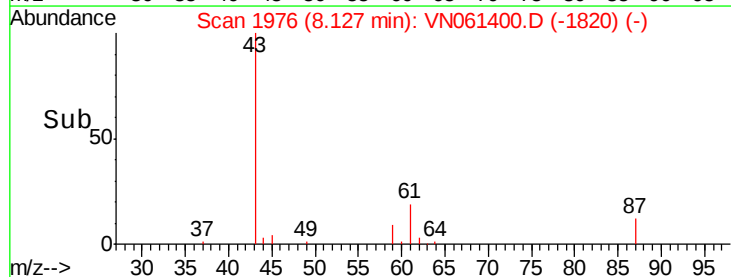
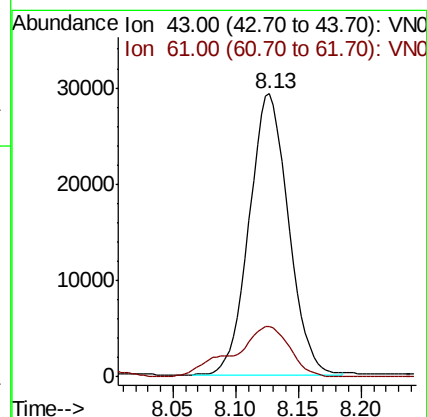
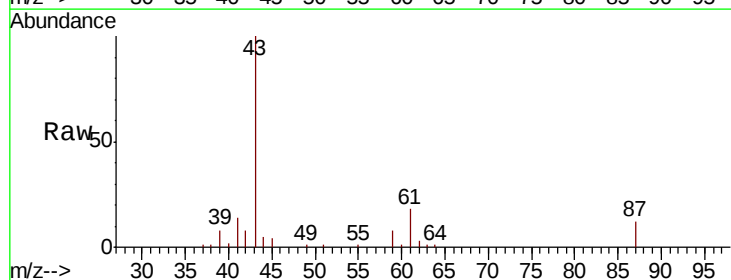
Acq: 14 May 2020 18:07

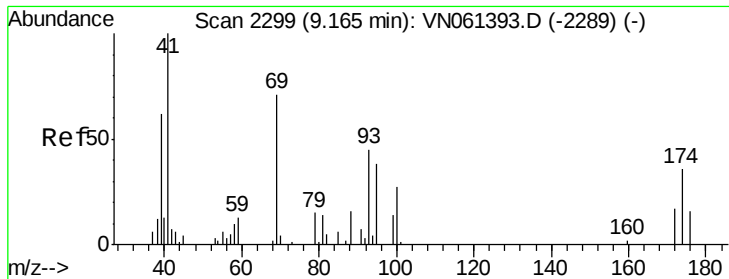
Tgt Ion: 43 Resp: 63557

Ion Ratio Lower Upper

43 100

61 25.7 19.9 29.9

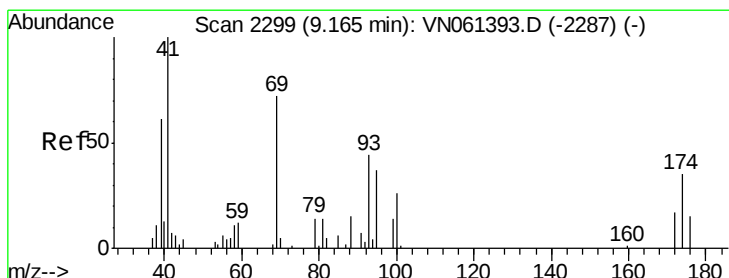
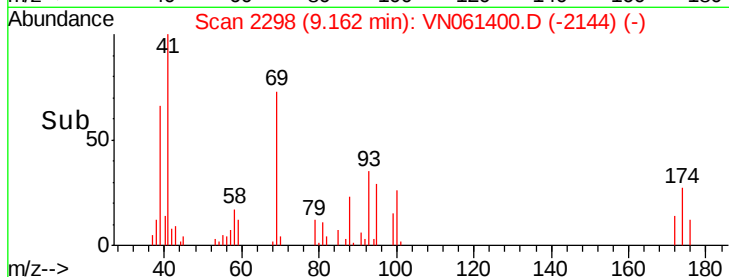
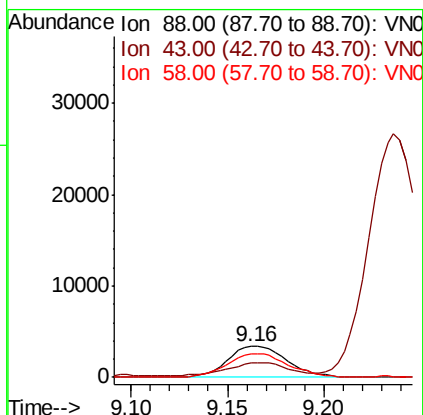
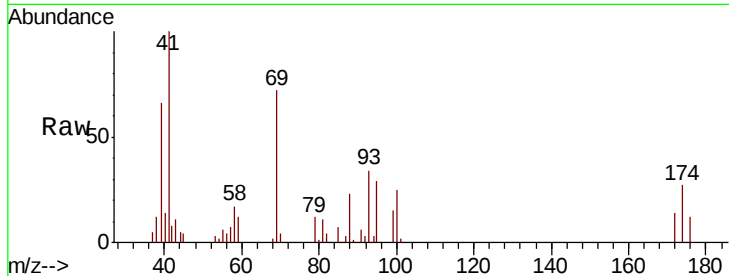




#45
 1,4-Dioxane
 Concen: 536.467 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

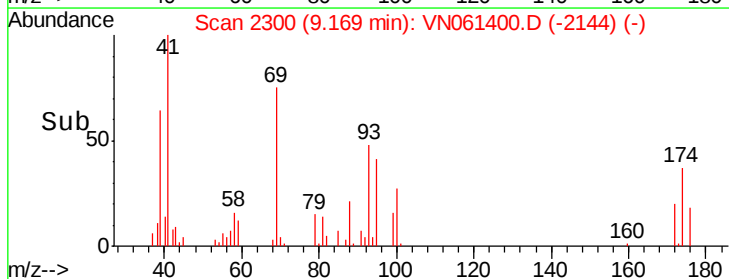
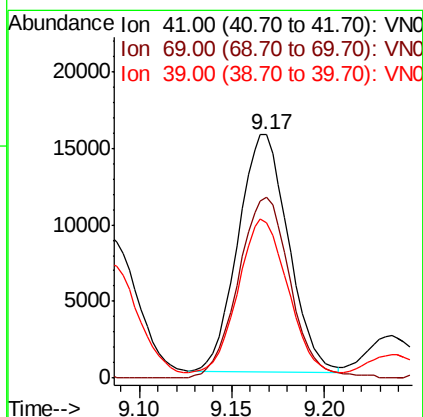
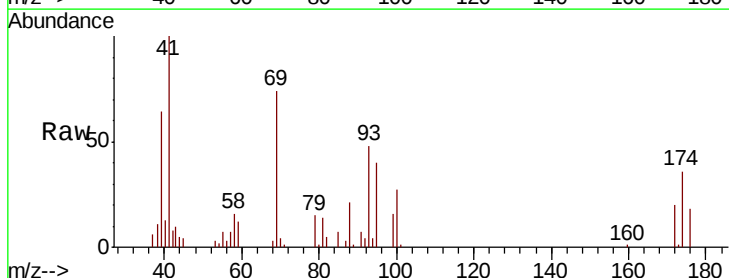
Instrument :
 MSVOA_N
 ClientSampleId :

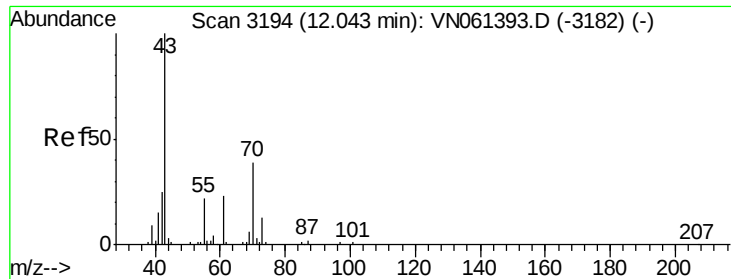
Tot Ion: 88 Resp: 7180
 Ion Ratio Lower Upper
 88 100
 43 38.7 29.8 44.8
 58 78.4 58.2 87.4



#46
 Methyl methacrylate
 Concen: 18.285 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 41 Resp: 29162
 Ion Ratio Lower Upper
 41 100
 69 76.6 40.2 120.5
 39 63.5 29.9 89.8

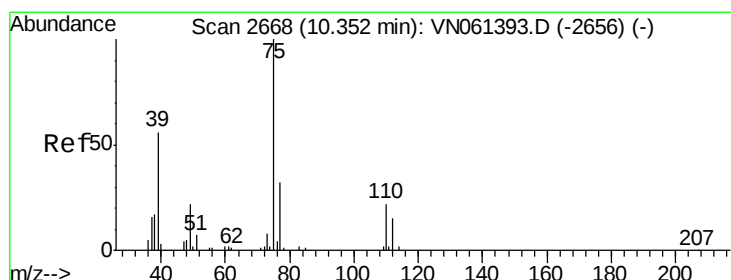
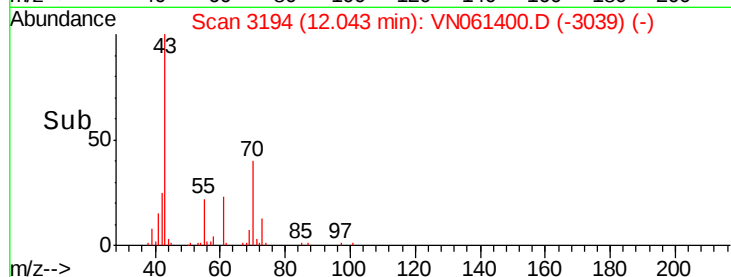
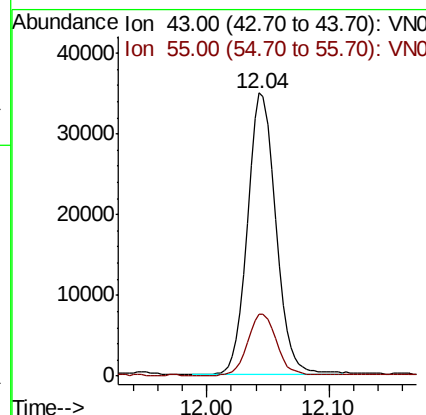
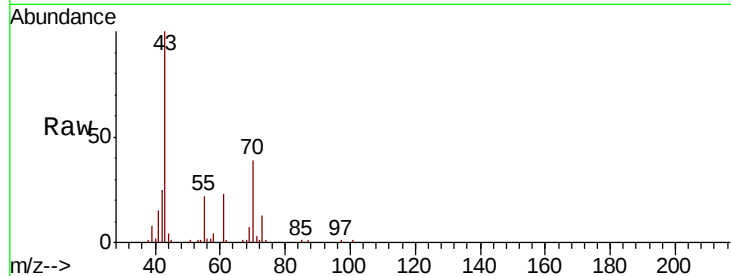




#47
n-amyl Acetate
Concen: 18.391 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

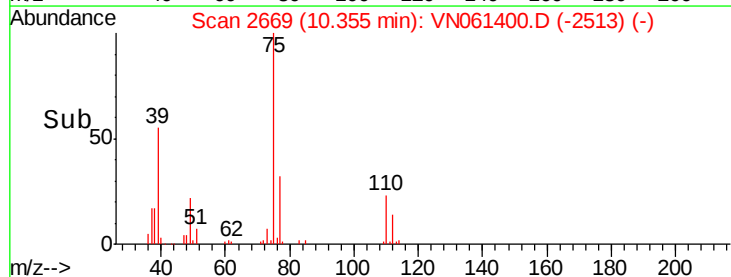
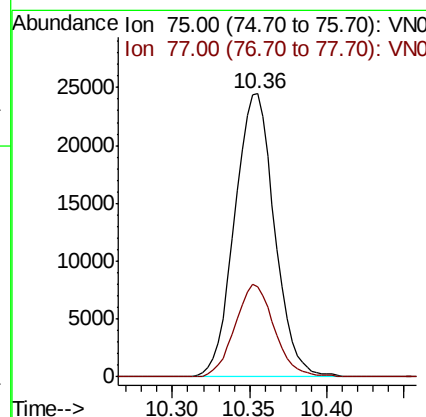
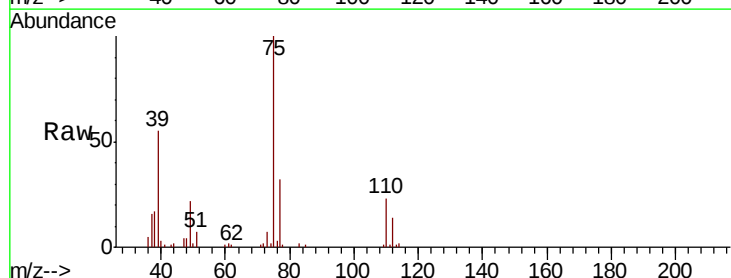
Instrument :
MSVOA_N
ClientSampled :

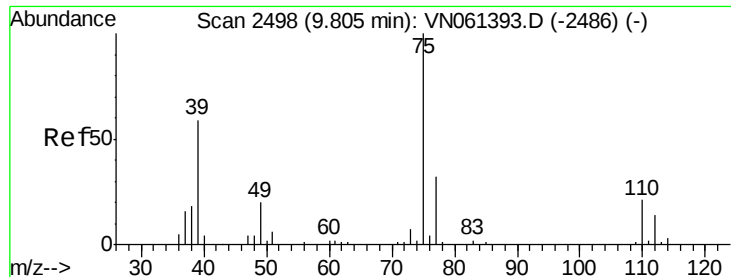
Tot Ion: 43 Resp: 55632
Ion Ratio Lower Upper
43 100
55 22.9 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 18.443 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 75 Resp: 43848
Ion Ratio Lower Upper
75 100
77 31.8 27.0 40.4



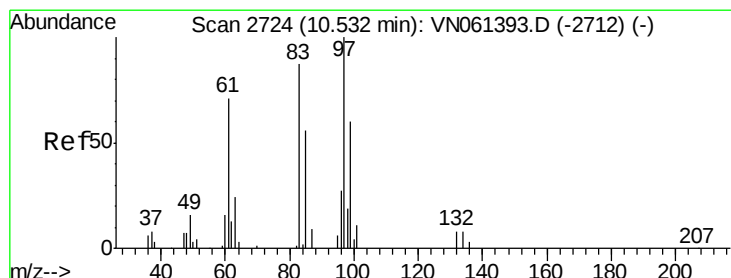
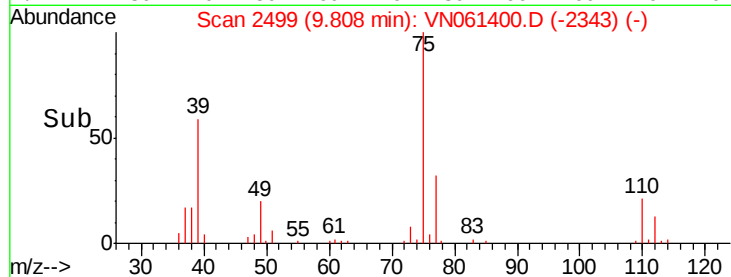
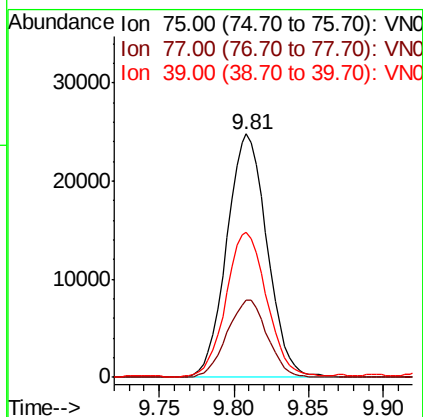
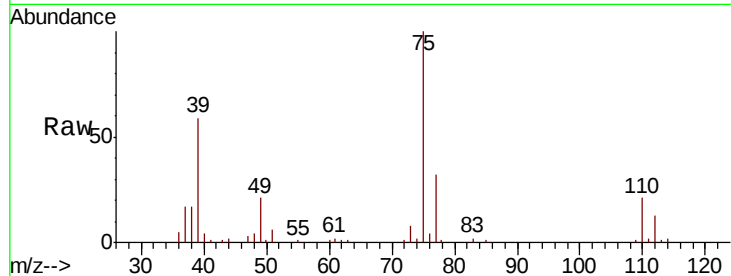


#49

cis-1,3-Dichloropropene
 Concen: 18.507 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

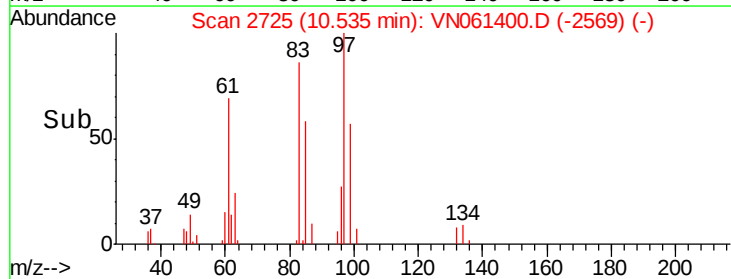
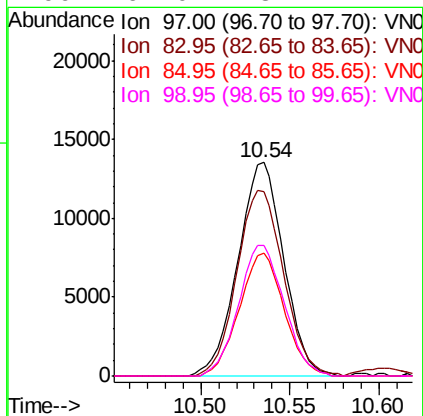
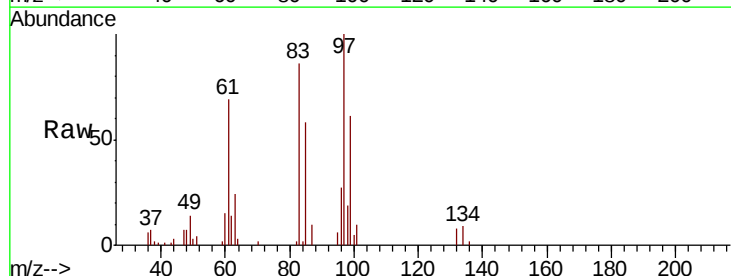
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.1	39.1
39	58.5	43.1	64.7

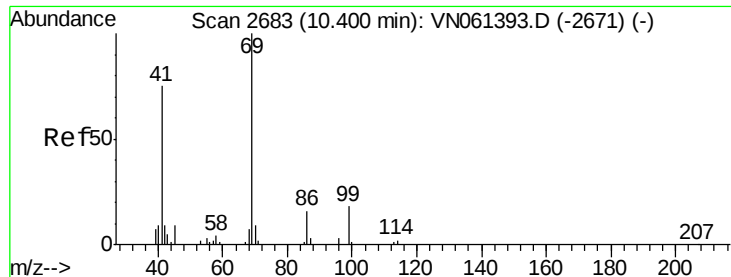


#50

1,1,2-Trichloroethane
 Concen: 18.944 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.7	106.1
85	57.7	45.1	67.7
99	61.0	48.2	72.4





#51

Ethyl methacrylate

Concen: 18.320 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

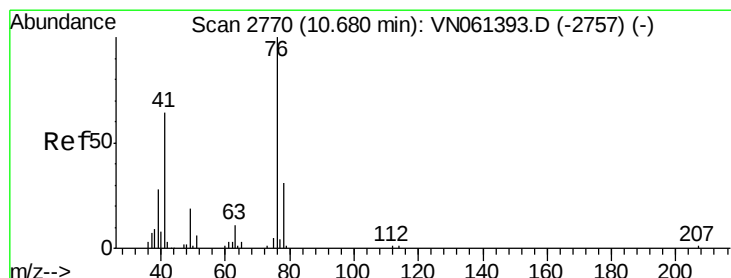
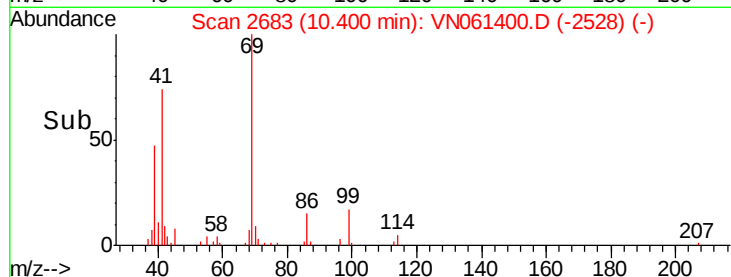
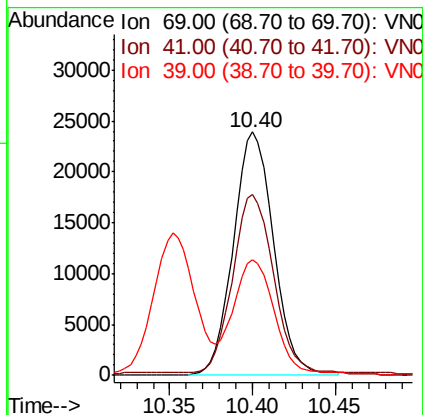
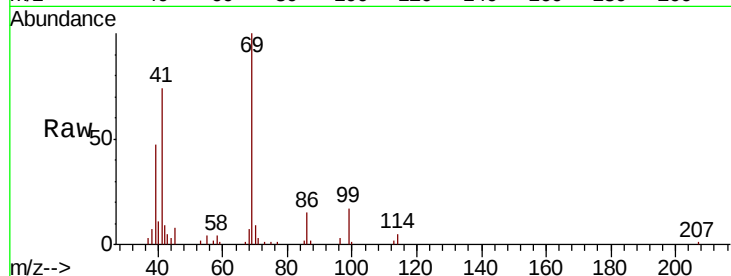
Tot Ion: 69 Resp: 40528

Ion Ratio Lower Upper

69 100

41 73.2 34.7 104.1

39 46.4 20.3 60.8



#52

1,3-Dichloropropane

Concen: 18.810 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN061400.D

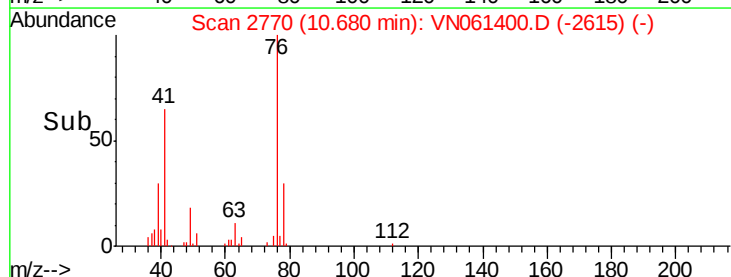
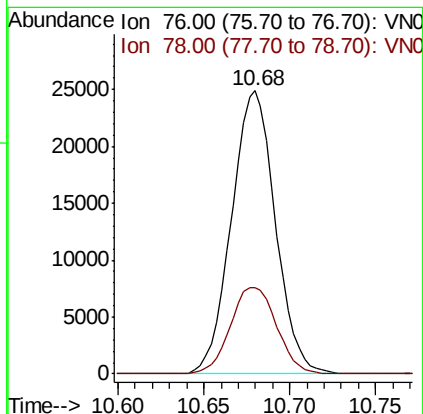
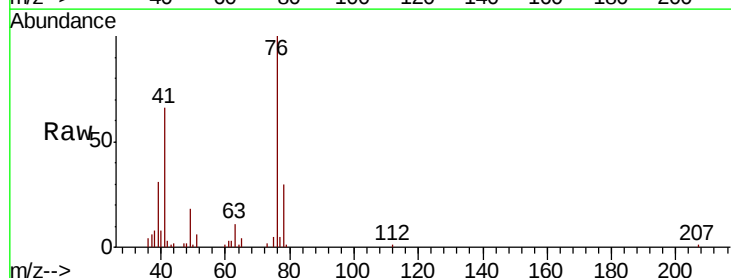
Acq: 14 May 2020 18:07

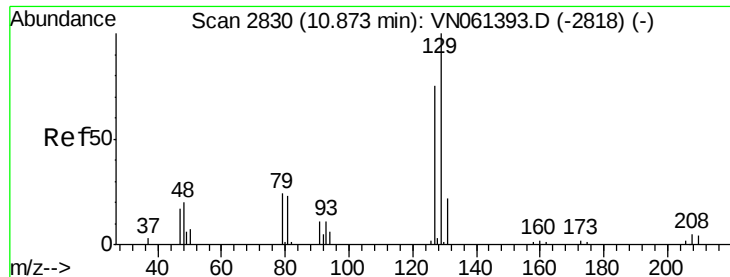
Tgt Ion: 76 Resp: 44104

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.2

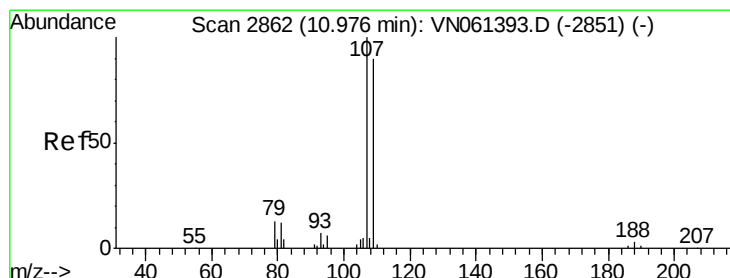
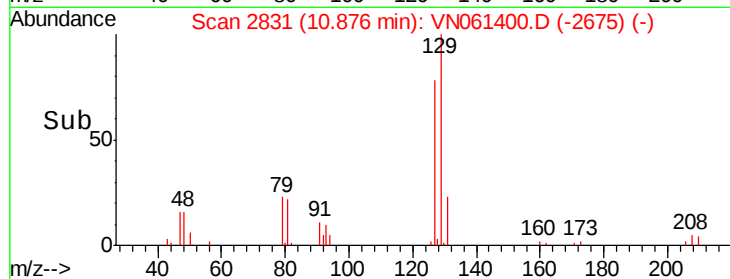
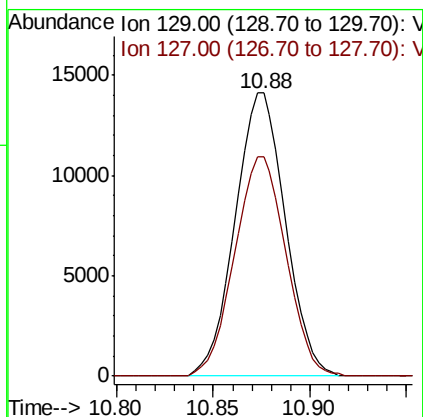
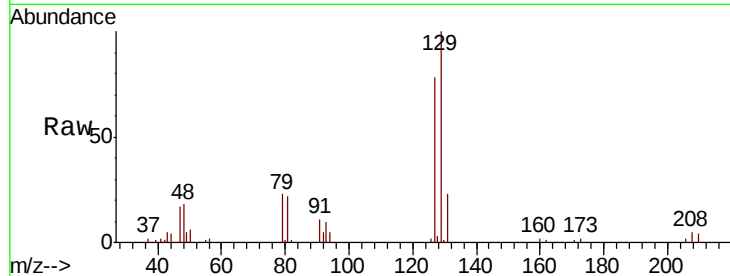




#53
 Dibromochloromethane
 Concen: 18.108 ug/l
 RT: 10.88 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

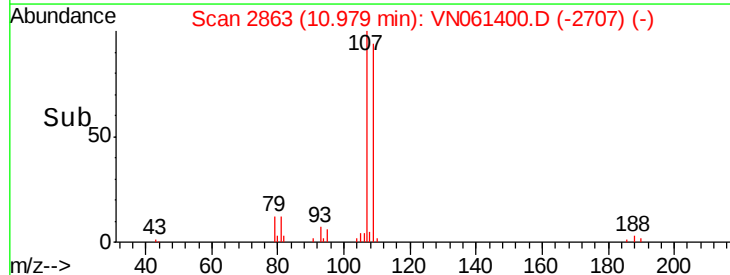
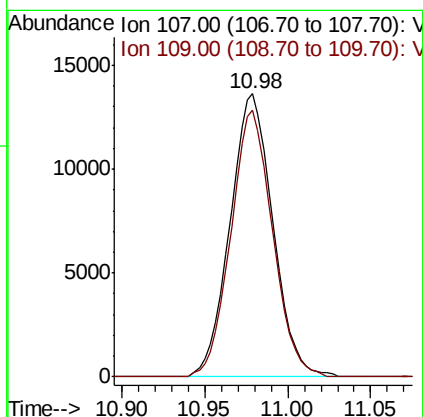
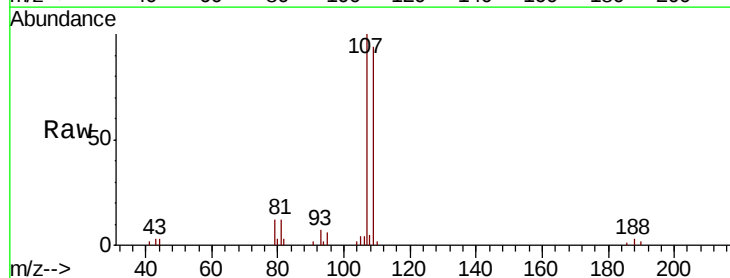
Instrument :
 MSVOA_N
 ClientSampleId :

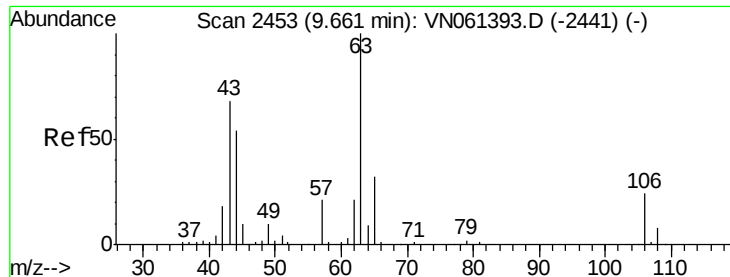
Tot Ion:129 Resp: 25478
 Ion Ratio Lower Upper
 129 100
 127 79.1 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 18.475 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion:107 Resp: 24478
 Ion Ratio Lower Upper
 107 100
 109 91.6 76.2 114.4

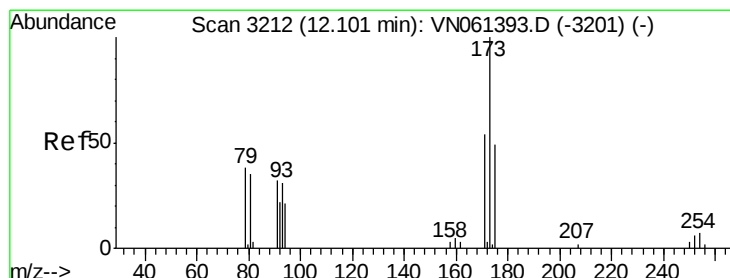
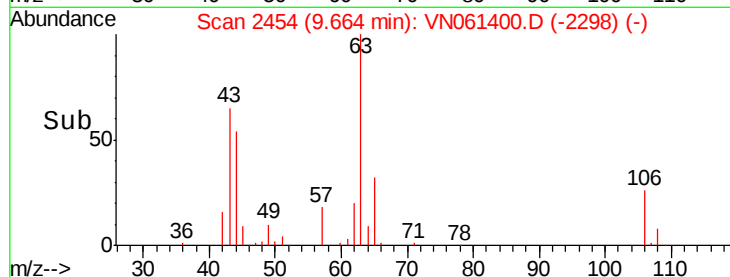
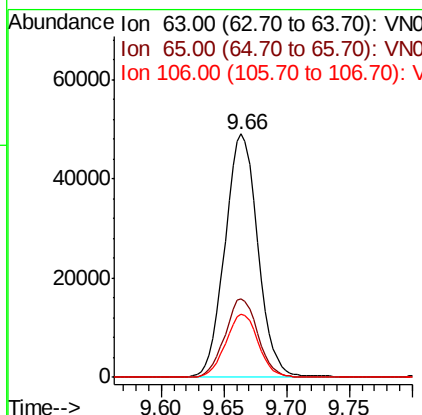
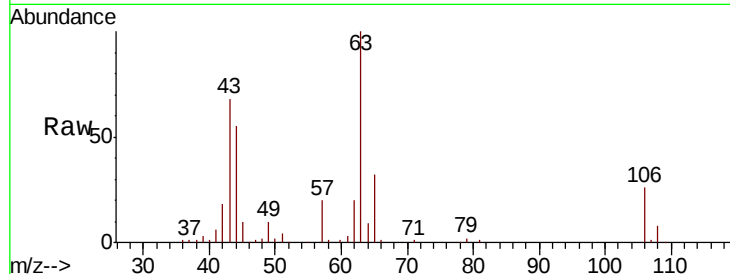




#55
2-Chloroethyl vinyl ether
Concen: 91.549 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

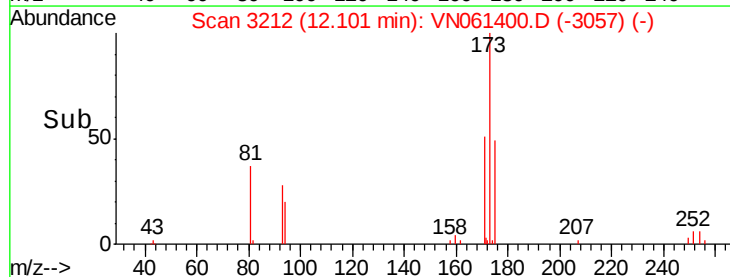
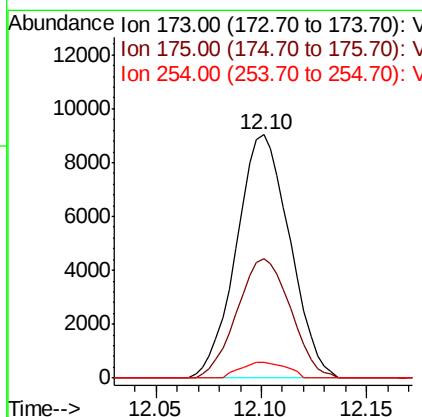
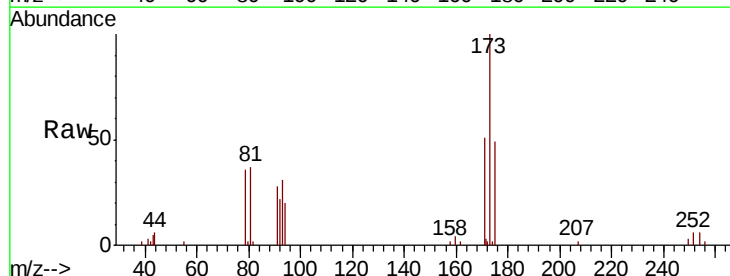
Instrument :
MSVOA_N
ClientSampleId :

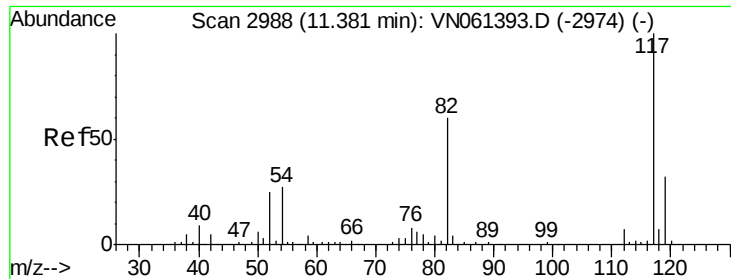
Tot Ion: 63 Resp: 89632
Ion Ratio Lower Upper
63 100
65 32.2 25.3 37.9
106 25.4 19.8 29.6



#56
Bromoform
Concen: 17.978 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 173 Resp: 15907
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 5.6 7.4 11.2#

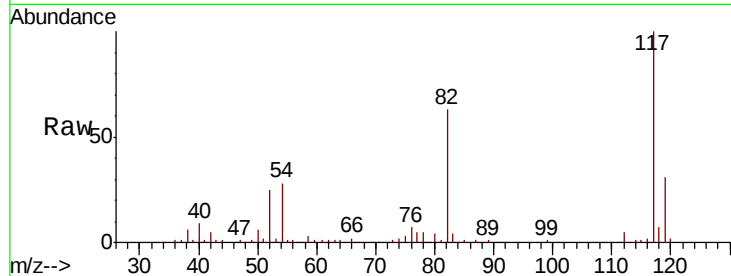




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	46.9	70.3
119	31.7	25.8	38.6

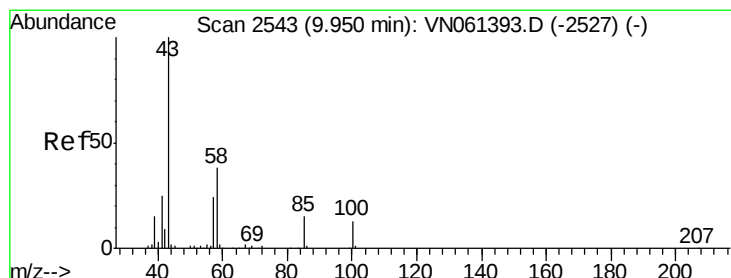
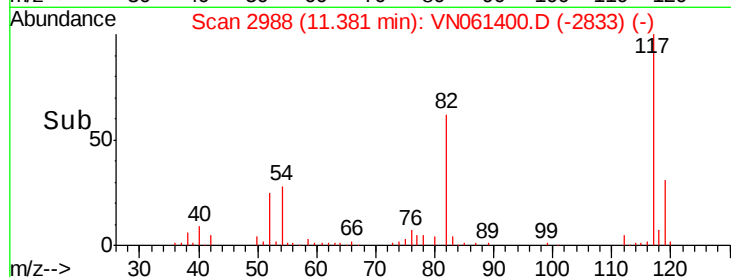
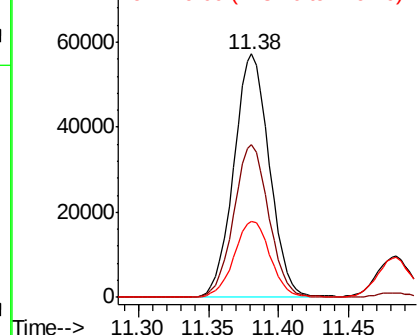


Abundance

Ion 117.00 (116.70 to 117.70): V

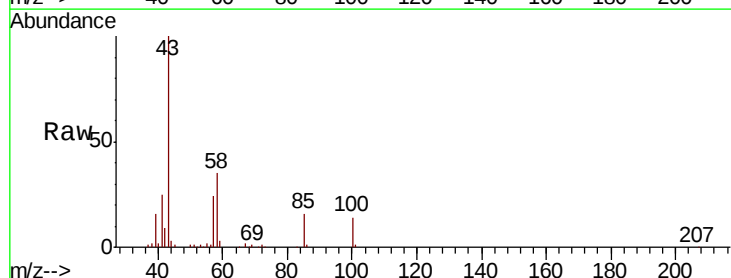
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#58
4-Methyl-2-Pentanone
Concen: 95.527 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.1	45.1
85	15.8	13.2	19.8

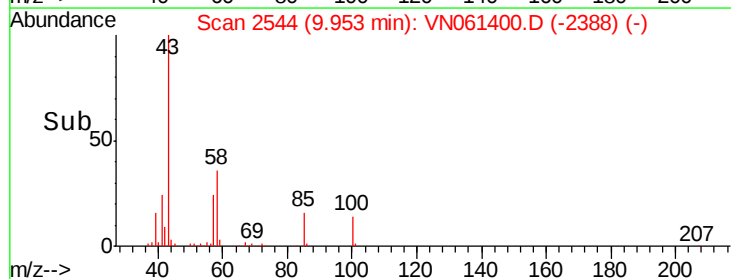
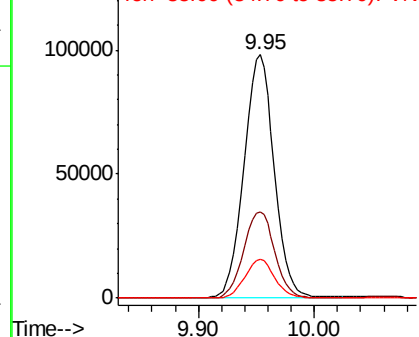


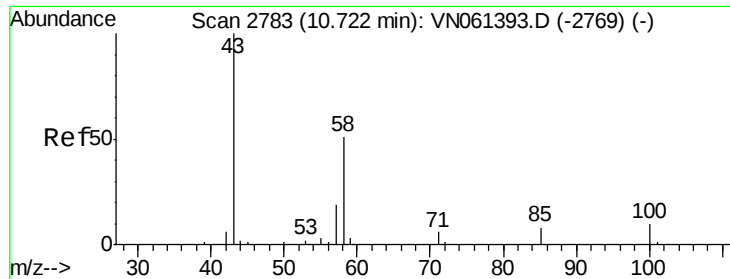
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 85.00 (84.70 to 85.70): V

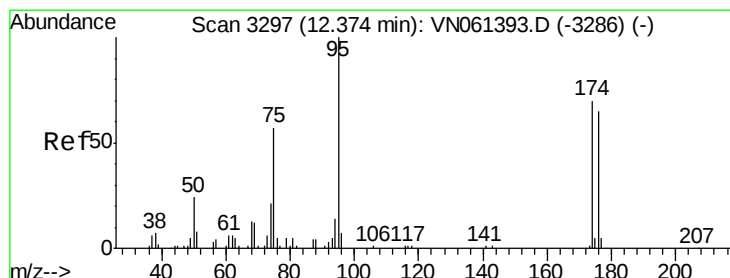
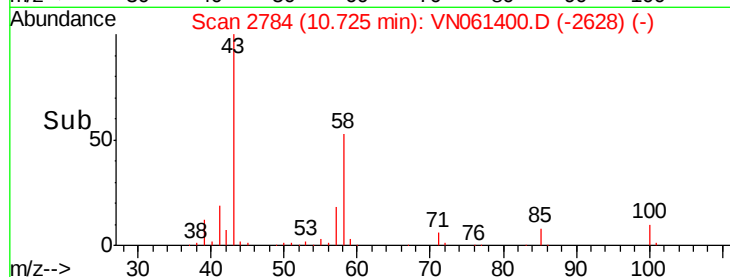
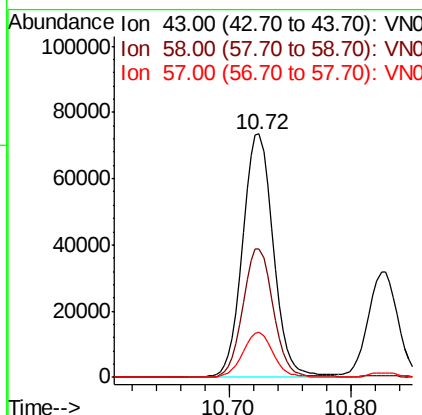
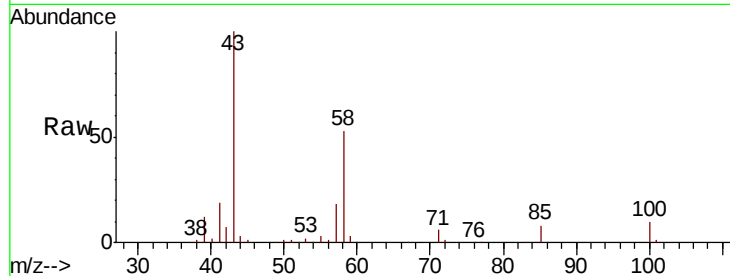




#59
2-Hexanone
Concen: 97.006 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

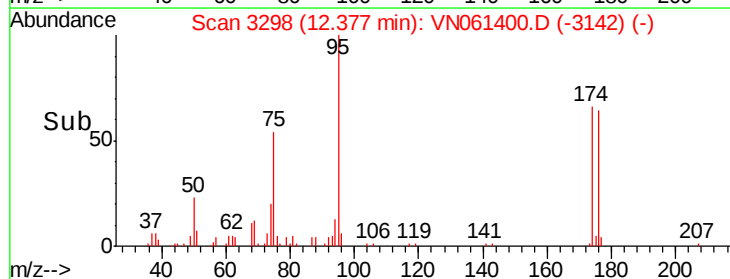
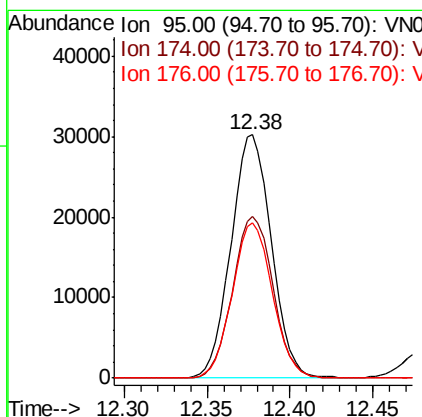
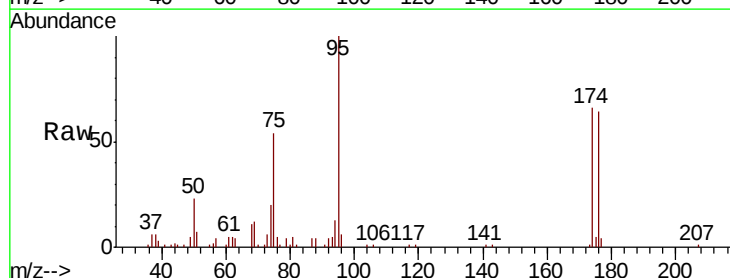
Instrument :
MSVOA_N
ClientSampled :

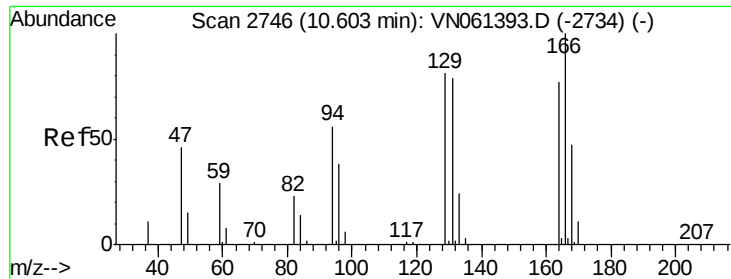
Tot Ion: 43 Resp: 126395
Ion Ratio Lower Upper
43 100
58 52.7 41.4 62.0
57 18.4 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.709 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 95 Resp: 51271
Ion Ratio Lower Upper
95 100
174 66.4 59.9 89.9
176 63.2 58.3 87.5





#61

Tetrachloroethene

Concen: 18.025 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 22786

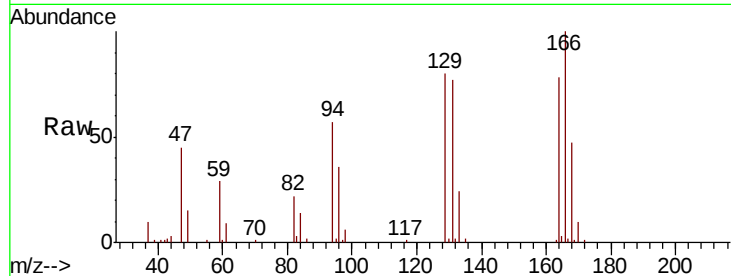
Ion Ratio Lower Upper

164 100

166 126.9 101.4 152.2

129 102.7 78.1 117.1

131 98.7 73.2 109.8

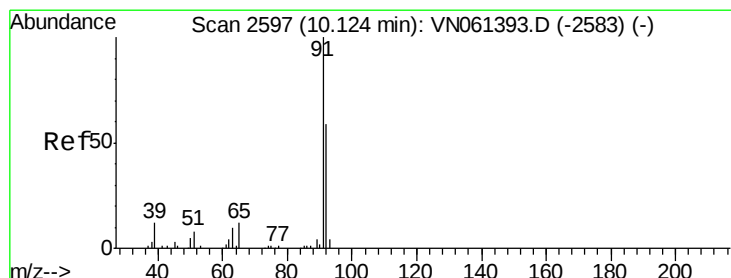
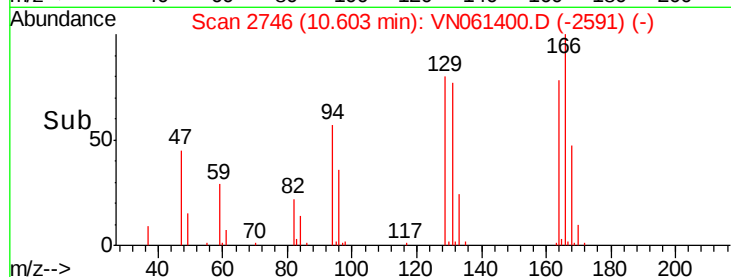
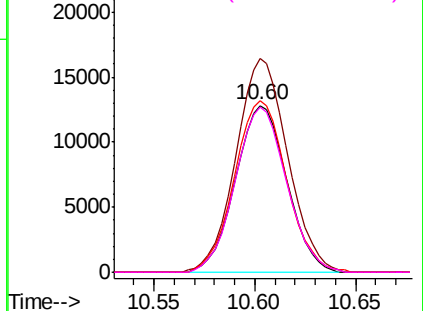


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.887 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061400.D

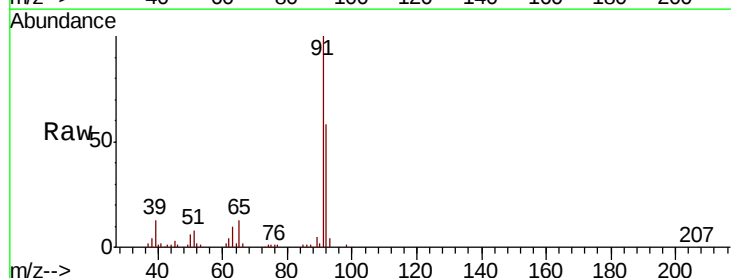
Acq: 14 May 2020 18:07

Tgt Ion: 91 Resp: 110703

Ion Ratio Lower Upper

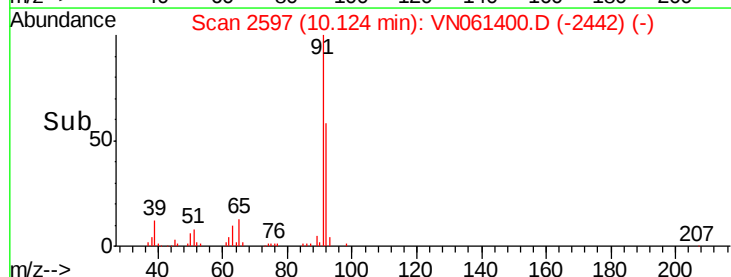
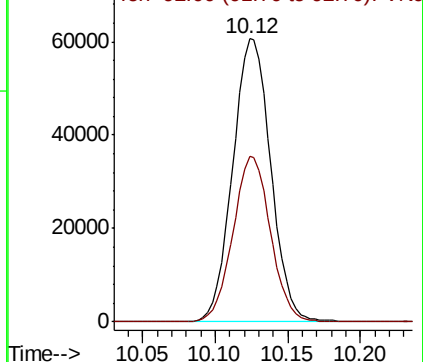
91 100

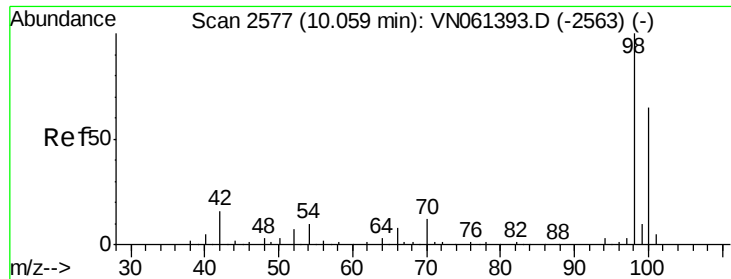
92 57.5 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.016 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

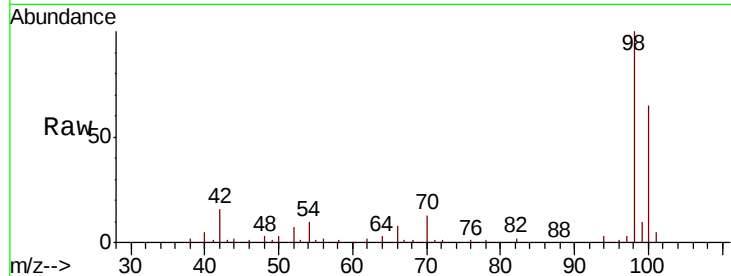
ClientSampleId :

Tot Ion: 98 Resp: 140491

Ion Ratio Lower Upper

98 100

100 65.0 50.6 75.8



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

Ion 100.00 (99.70 to 100.70): VN061400.D (-2422) (-)

10.06

80000

60000

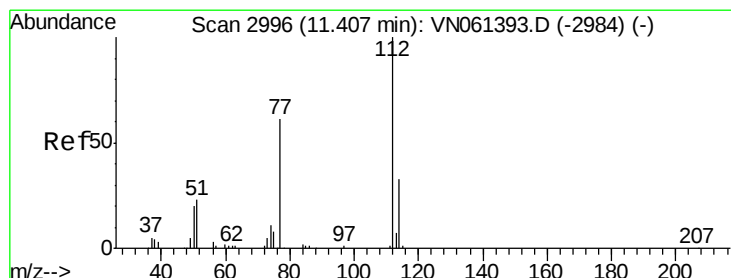
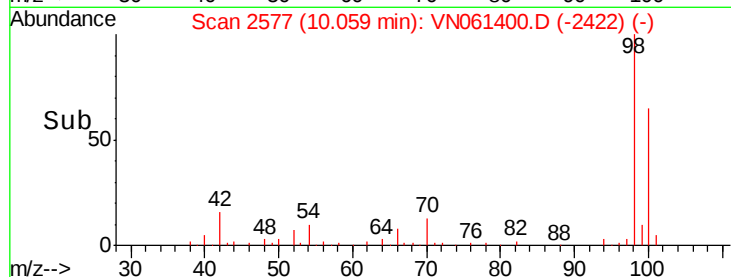
40000

20000

0

10.00 10.10

Time-->



#64

Chlorobenzene

Concen: 18.655 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061400.D

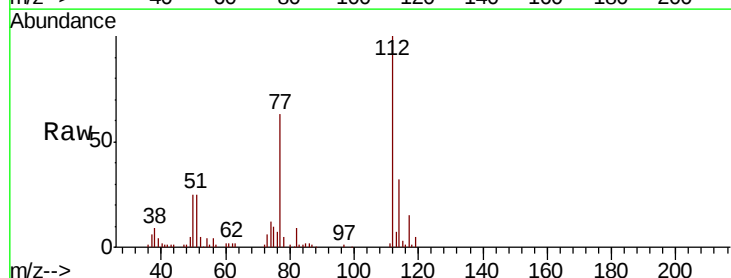
Acq: 14 May 2020 18:07

Tgt Ion: 112 Resp: 64717

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



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

Ion 114.00 (113.70 to 114.70): VN061400.D (-2841) (-)

11.41

40000

30000

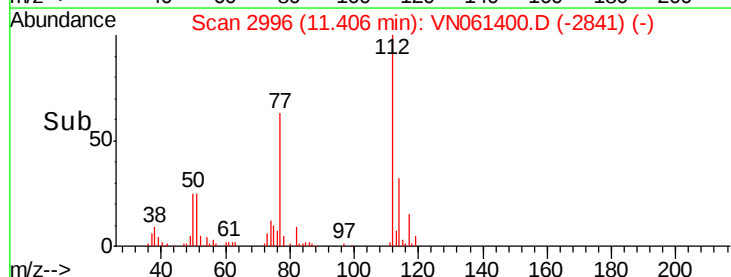
20000

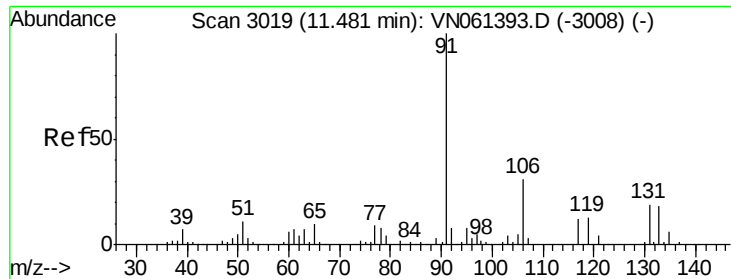
10000

0

11.35 11.40 11.45

Time-->

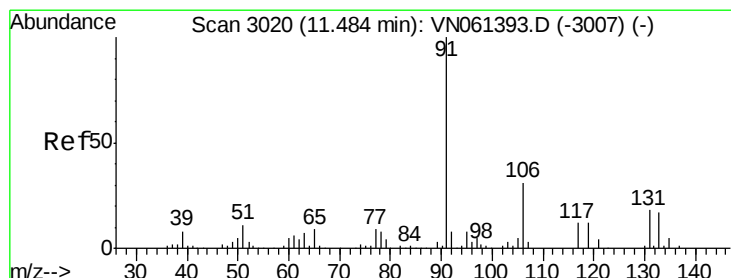
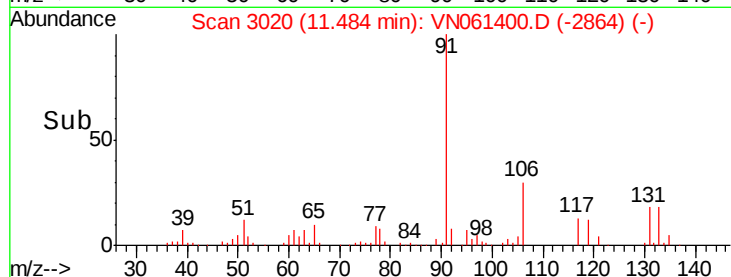
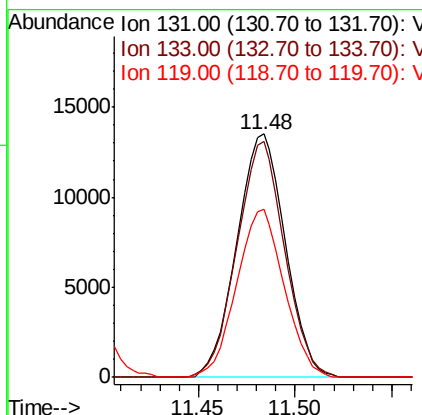
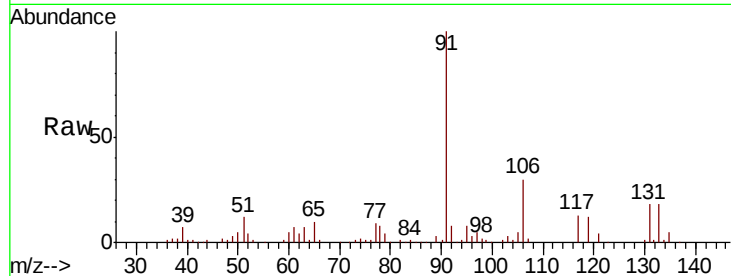




#65
1,1,1,2-Tetrachloroethane
Concen: 18.571 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

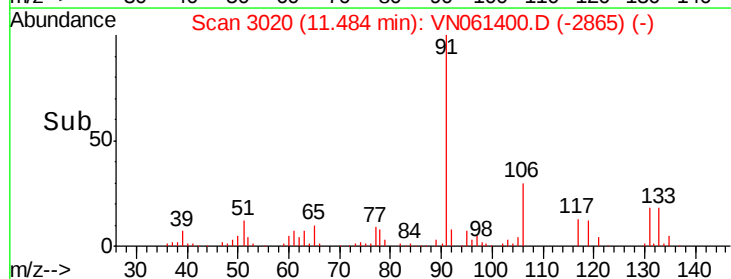
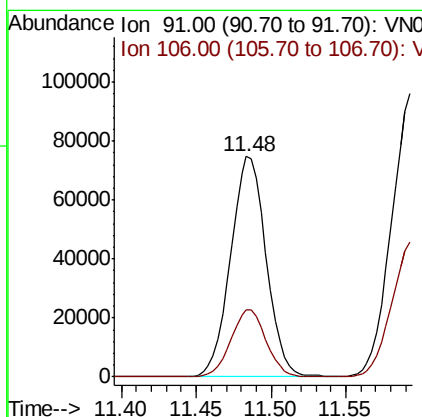
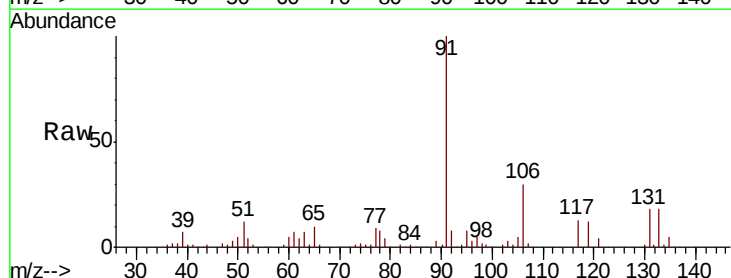
Instrument :
MSVOA_N
ClientSampleId :

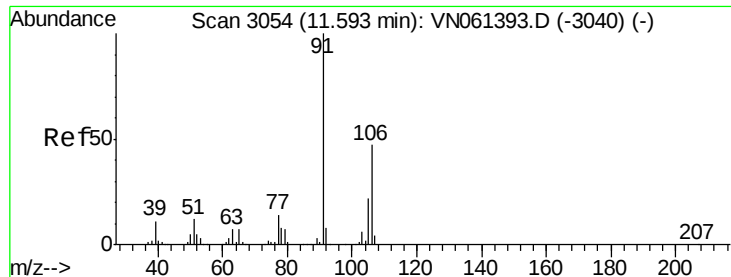
Tot Ion:131 Resp: 23541
Ion Ratio Lower Upper
131 100
133 95.1 0.0 194.0
119 67.6 0.0 136.8



#66
Ethyl Benzene
Concen: 18.427 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 91 Resp: 123950
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4





#67

m/p-Xvlenes

Concen: 36.501 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

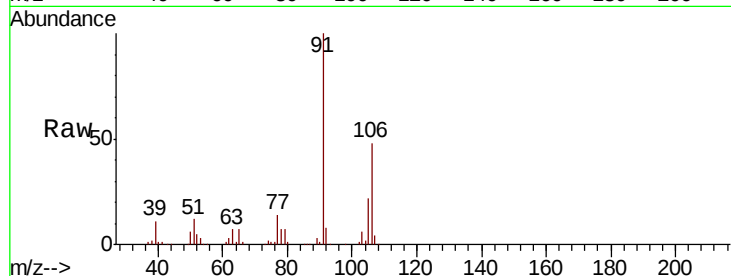
ClientSampleId :

Tot Ion:106 Resp: 90668

Ion Ratio Lower Upper

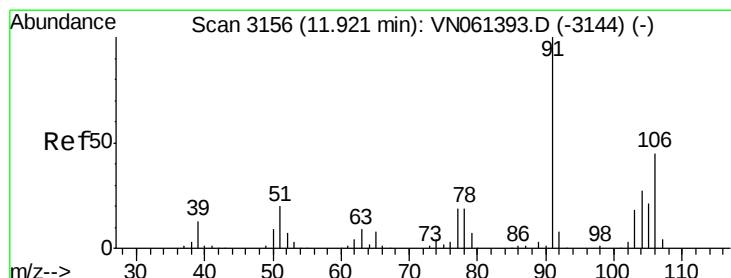
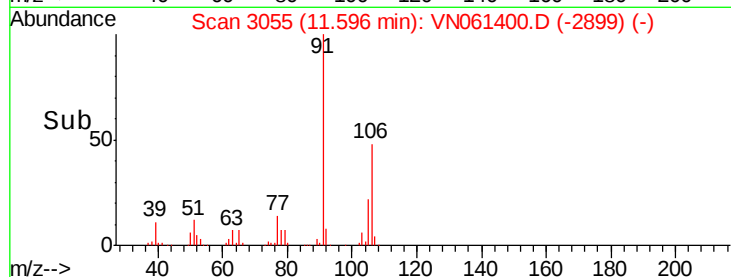
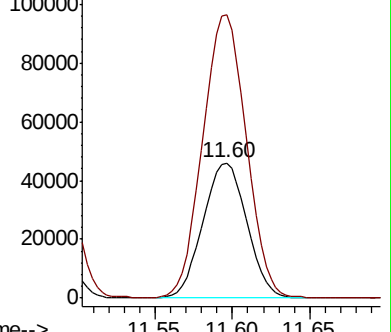
106 100

91 207.8 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.798 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061400.D

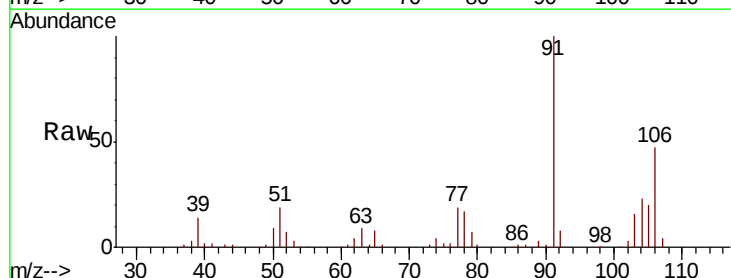
Acq: 14 May 2020 18:07

Tgt Ion:106 Resp: 44564

Ion Ratio Lower Upper

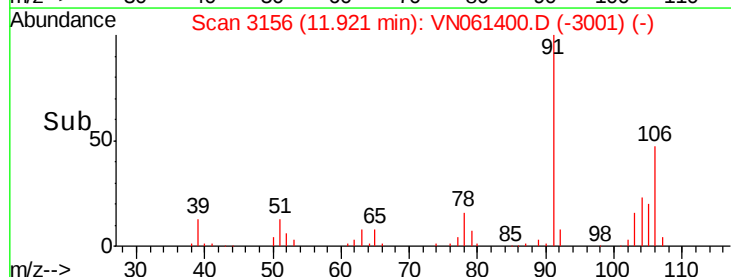
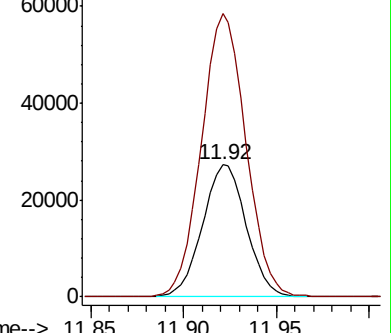
106 100

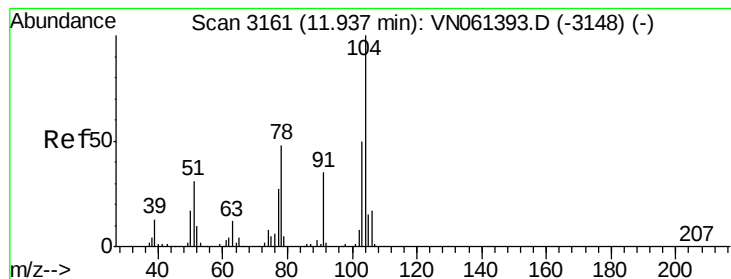
91 218.1 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#69

Stvrene

Concen: 18.185 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

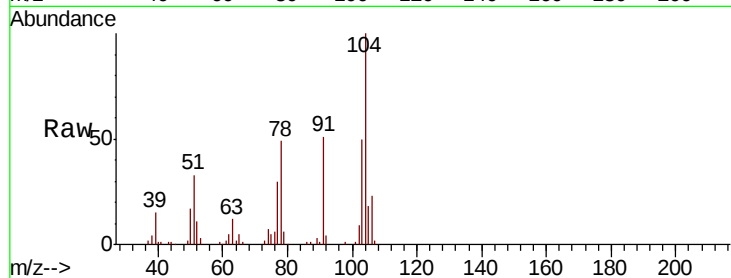
Tot Ion:104 Resp: 74180

Ion Ratio Lower Upper

104 100

78 53.3 42.4 63.6

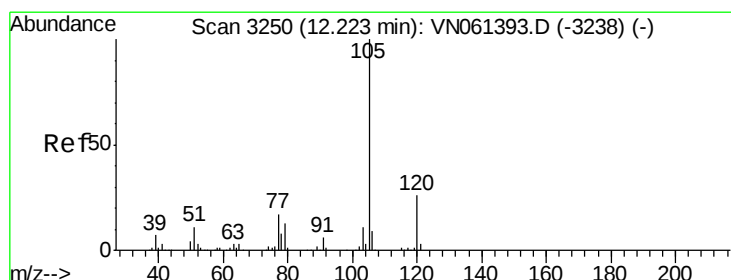
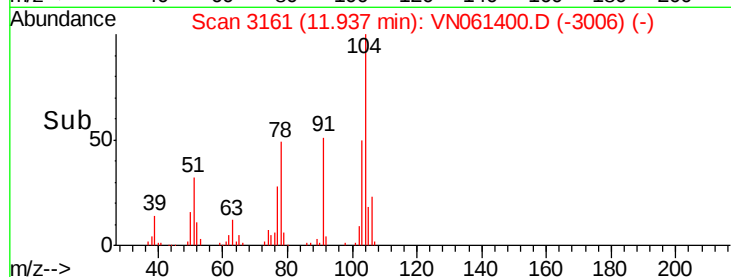
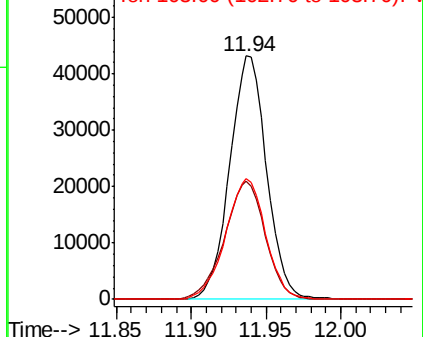
103 53.8 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.268 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061400.D

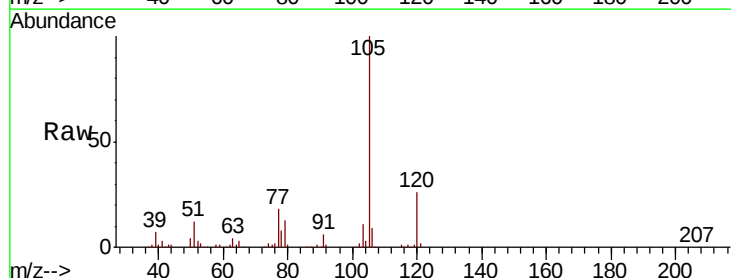
Acq: 14 May 2020 18:07

Tgt Ion:105 Resp: 117343

Ion Ratio Lower Upper

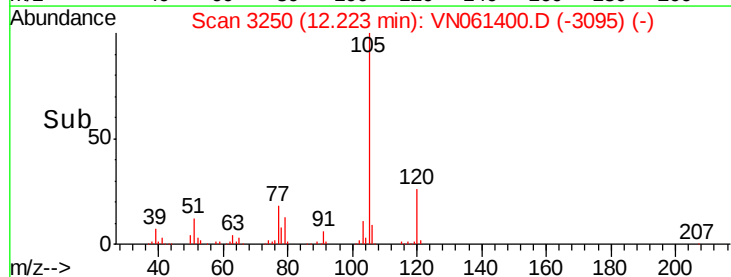
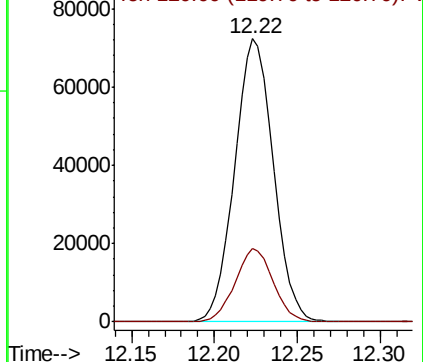
105 100

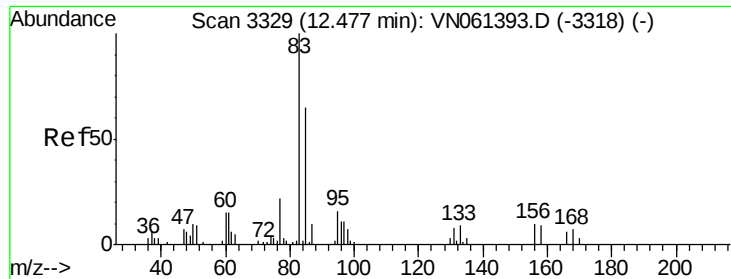
120 25.4 18.4 34.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

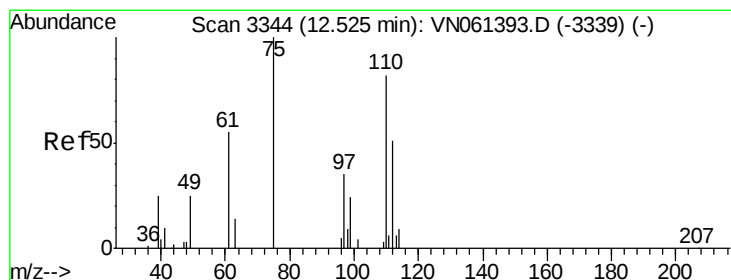
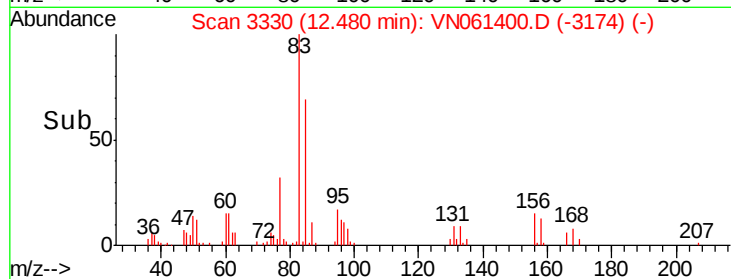
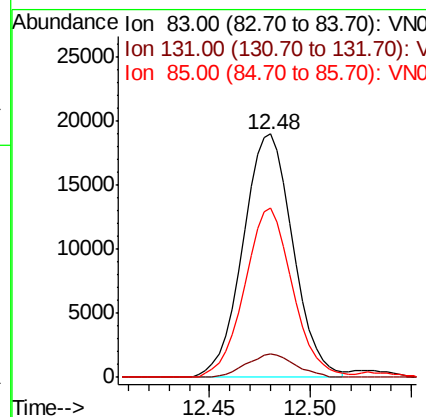
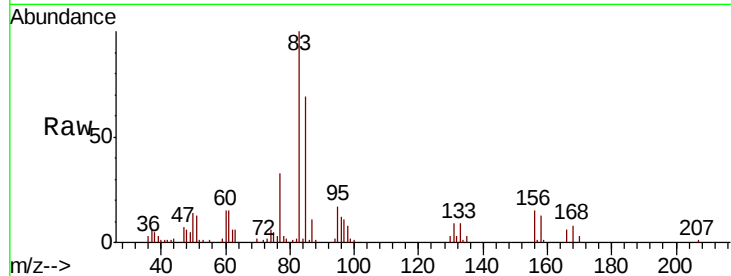




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.559 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

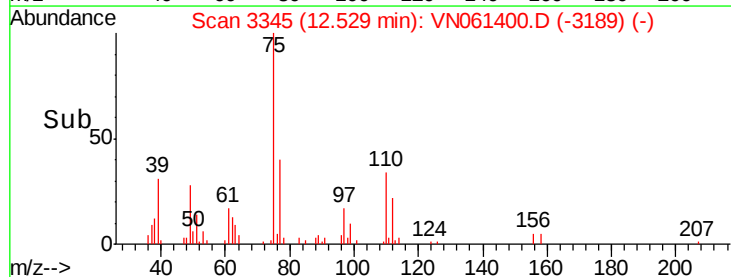
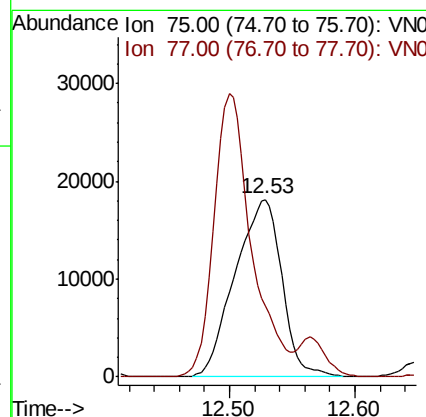
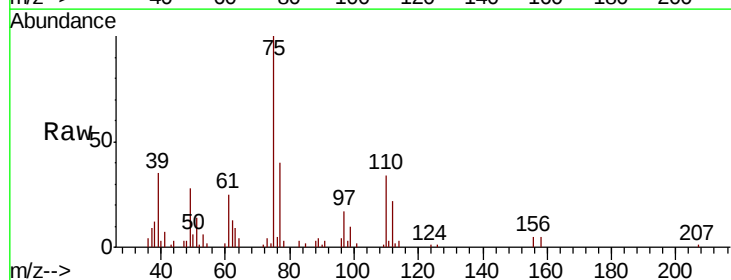
Instrument :
 MSVOA_N
 ClientSampled :

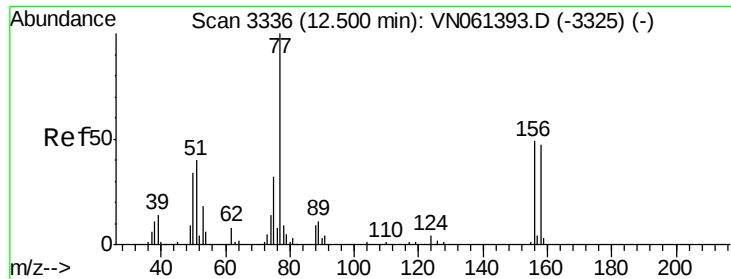
Tot Ion: 83 Resp: 32933
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.7
 85 66.5 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 27.831 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 75 Resp: 47103
 Ion Ratio Lower Upper
 75 100
 77 127.6 0.0 359.4





#73

Bromobenzene

Concen: 17.998 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

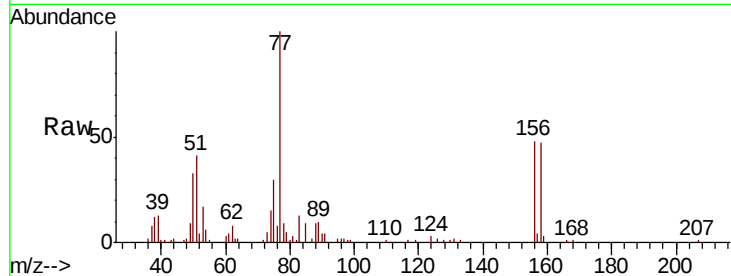
Tot Ion:156 Resp: 24013

Ion Ratio Lower Upper

156 100

77 250.2 0.0 456.0

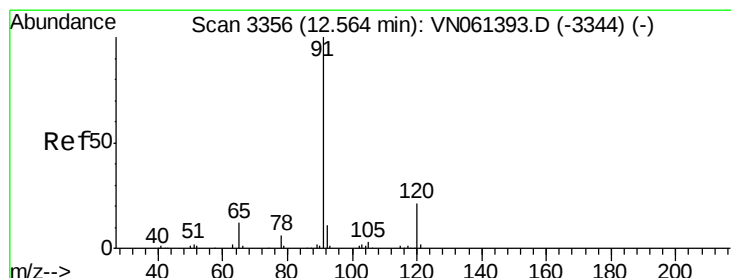
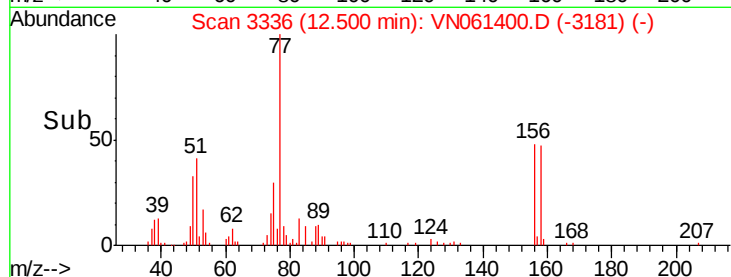
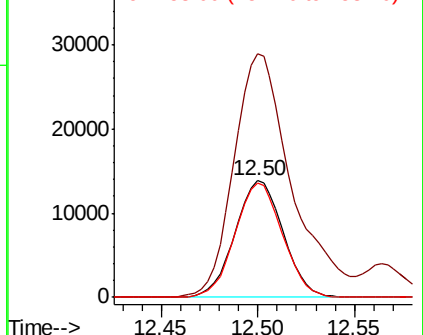
158 96.5 0.0 195.4



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: 18.255 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061400.D

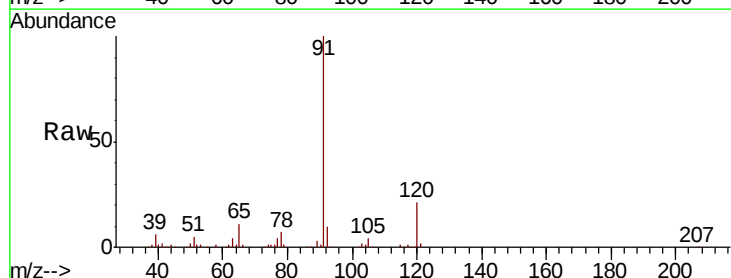
Acq: 14 May 2020 18:07

Tgt Ion: 91 Resp: 139417

Ion Ratio Lower Upper

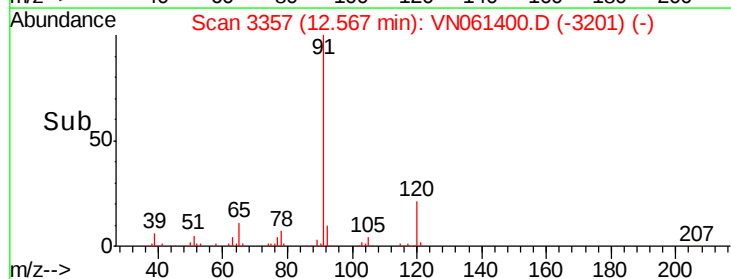
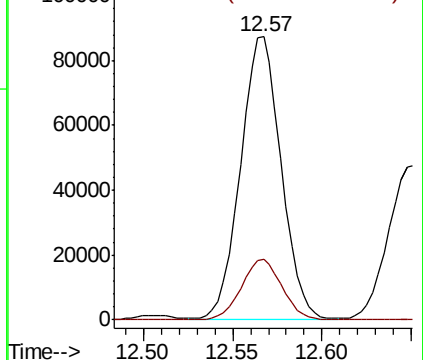
91 100

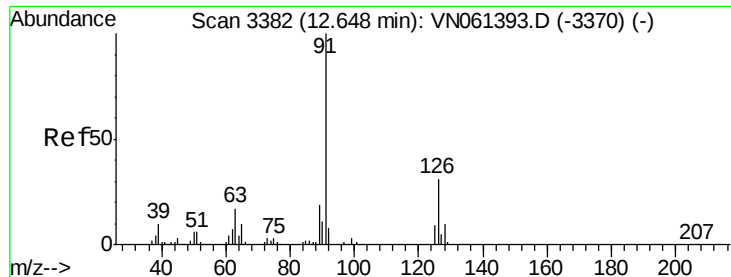
120 21.3 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.518 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

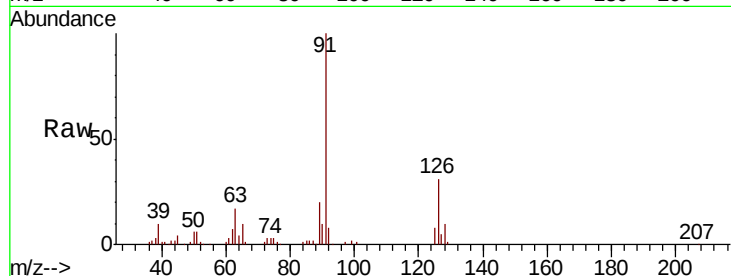
ClientSampleId :

Tot Ion: 91 Resp: 81102

Ion Ratio Lower Upper

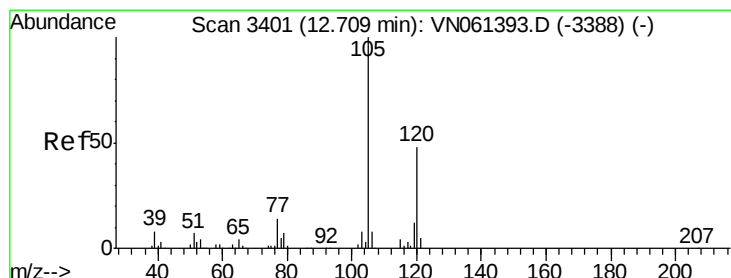
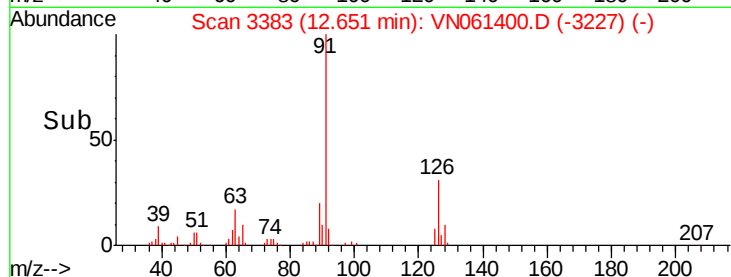
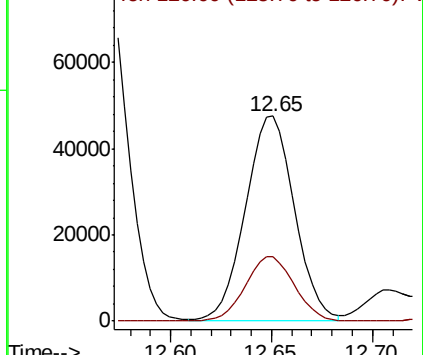
91 100

126 31.2 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN061400.D (-3382) (-)

Ion 126.00 (125.70 to 126.70): VN061400.D (-3382) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.124 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061400.D

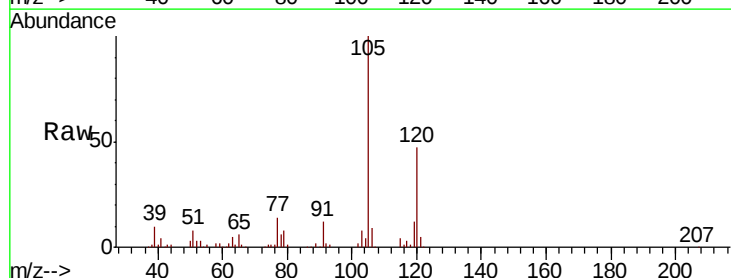
Acq: 14 May 2020 18:07

Tgt Ion: 105 Resp: 97696

Ion Ratio Lower Upper

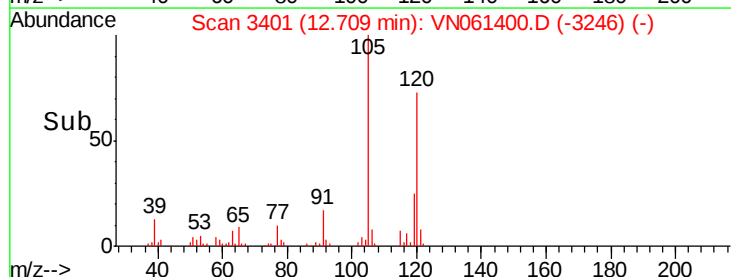
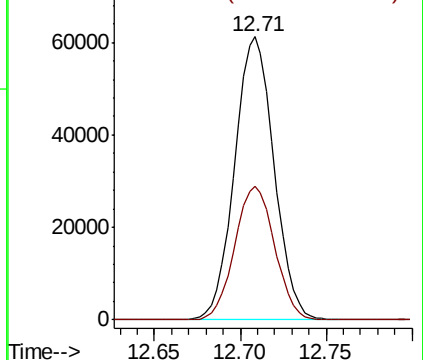
105 100

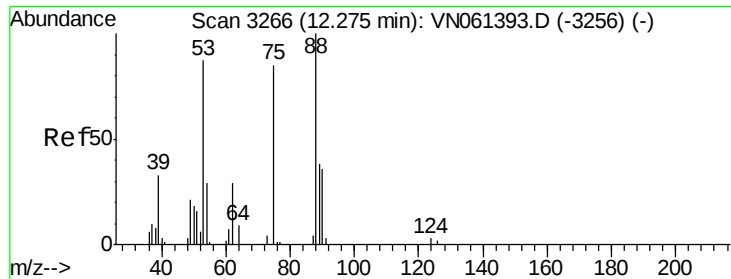
120 47.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN061400.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061400.D (-3401) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.806 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

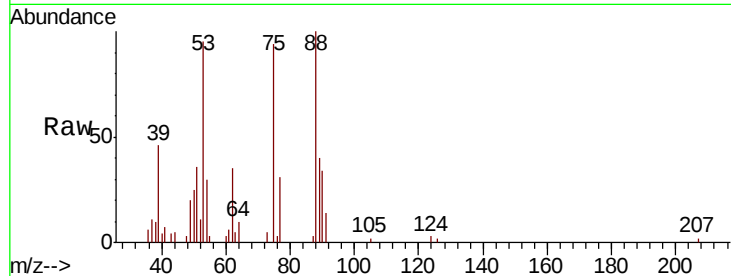
Tot Ion: 75 Resp: 13247

Ion Ratio Lower Upper

75 100

53 98.7 50.0 150.0

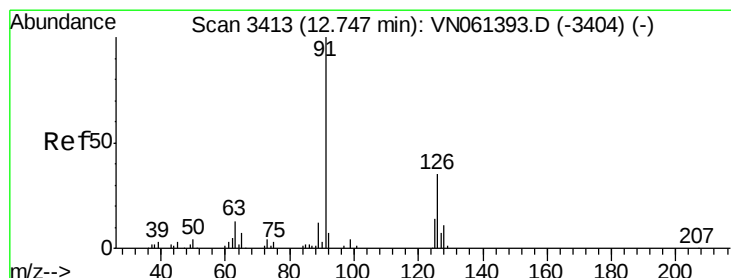
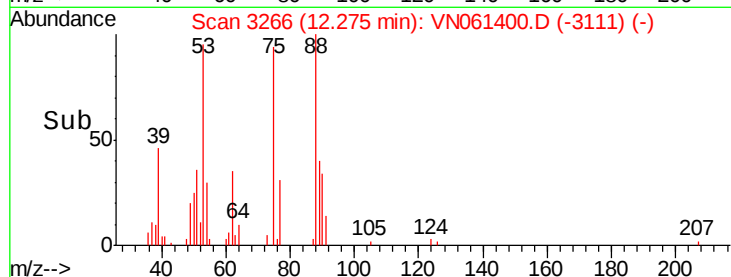
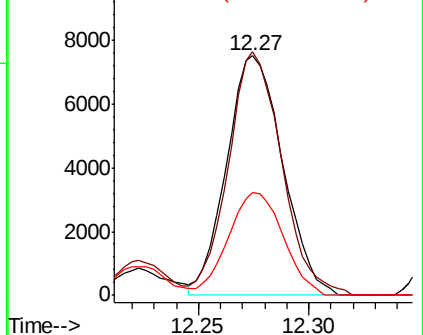
89 42.8 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 17.865 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061400.D

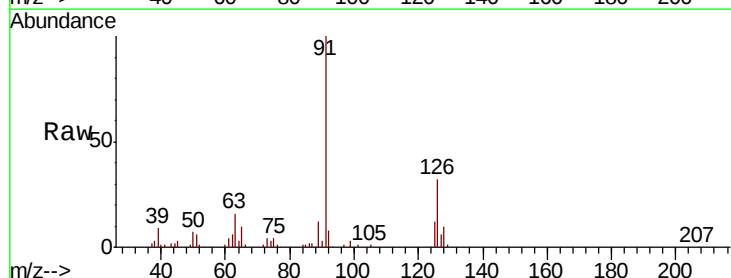
Acq: 14 May 2020 18:07

Tgt Ion: 91 Resp: 81930

Ion Ratio Lower Upper

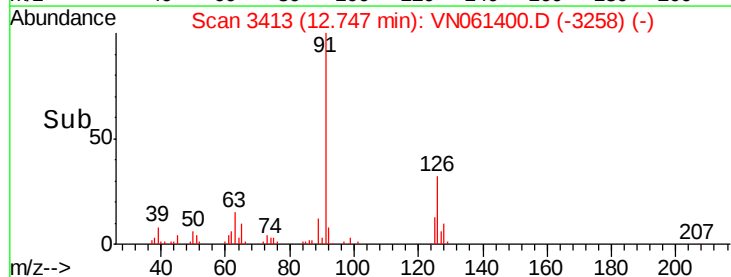
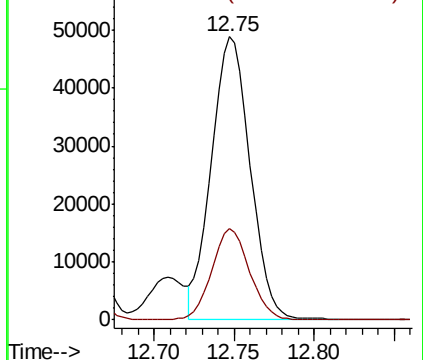
91 100

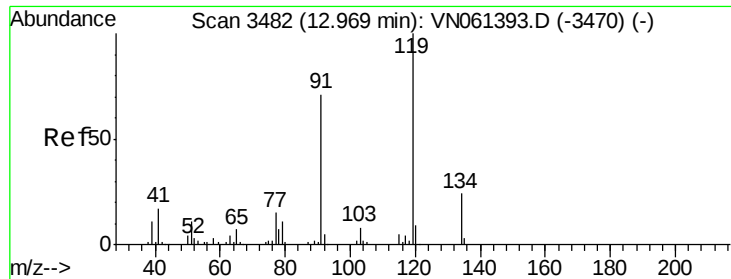
126 31.1 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

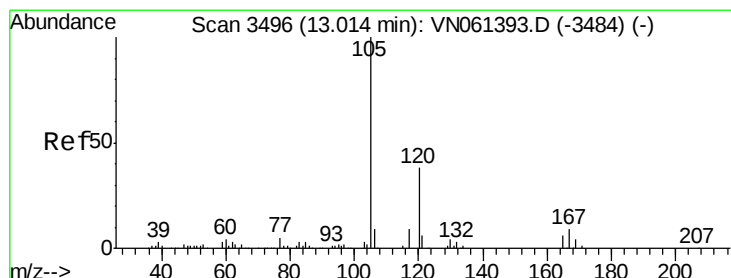
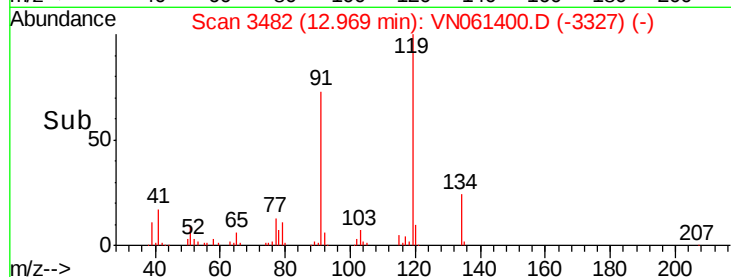
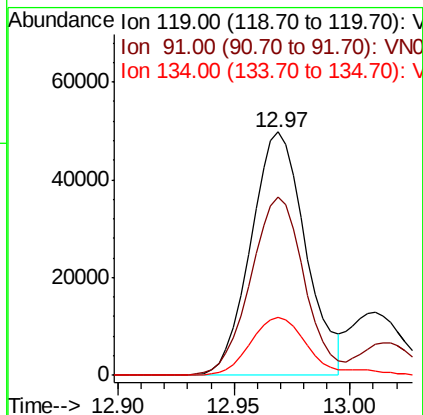
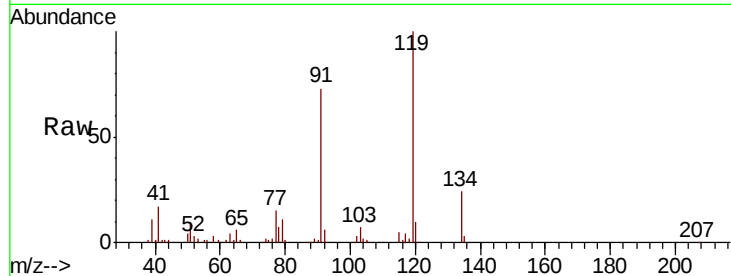




#79
tert-butylbenzene
Concen: 18.268 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

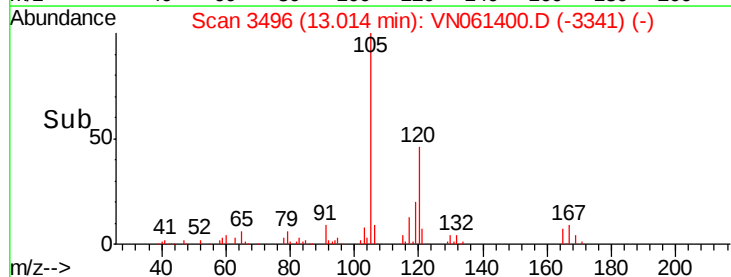
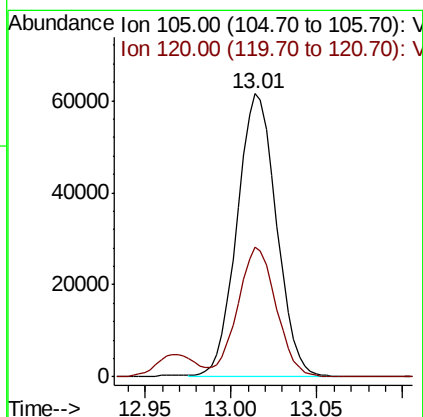
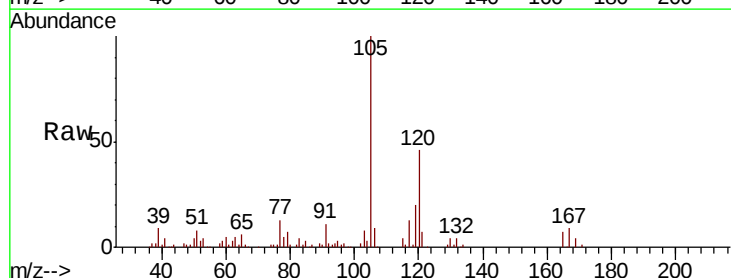
Instrument :
MSVOA_N
ClientSampled :

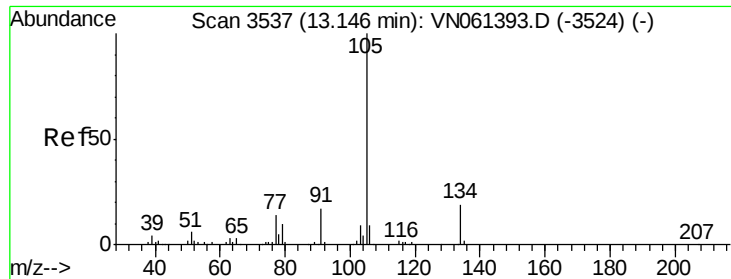
Tot Ion:119 Resp: 81798
Ion Ratio Lower Upper
119 100
91 72.1 0.0 136.4
134 24.1 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.122 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion:105 Resp: 97505
Ion Ratio Lower Upper
105 100
120 44.8 0.0 89.2

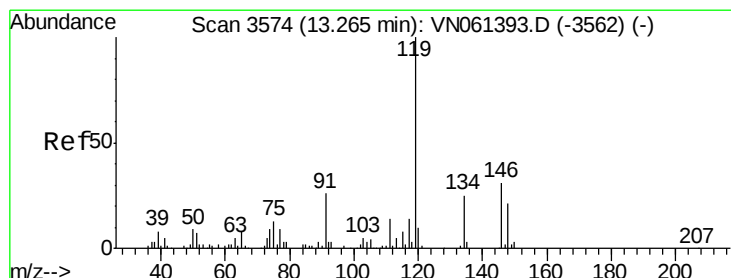
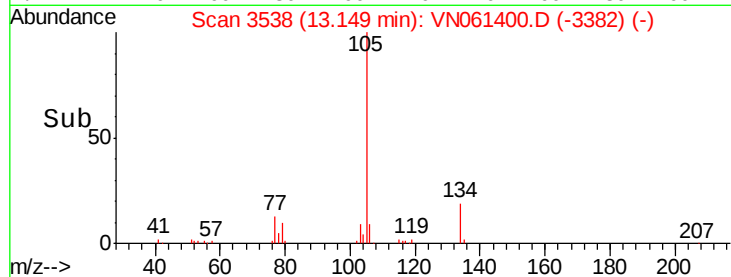
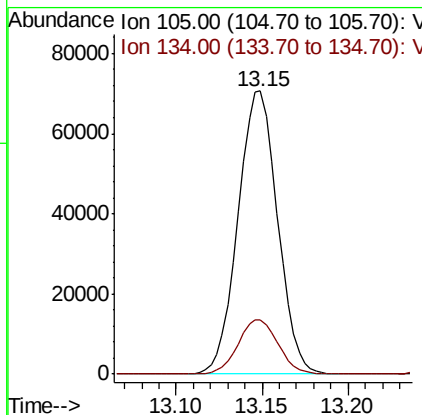
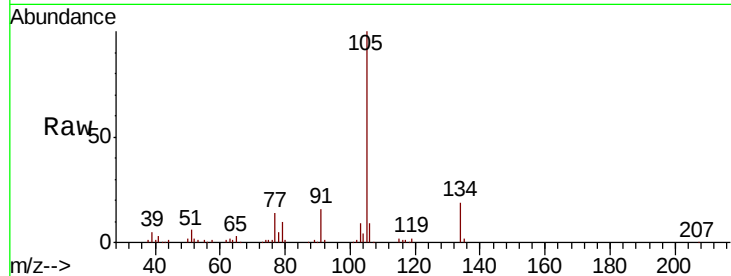




#81
 sec-Butylbenzene
 Concen: 18.342 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

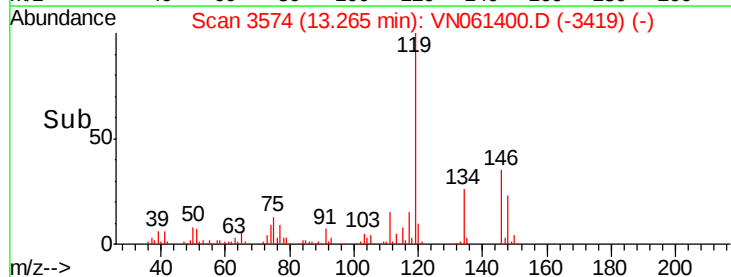
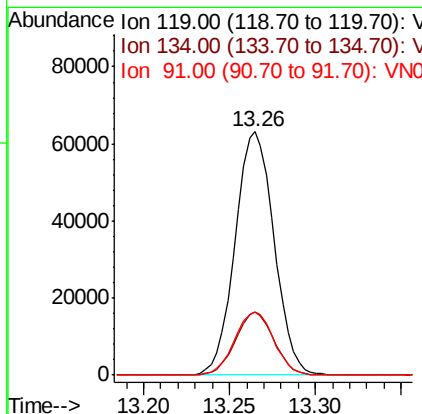
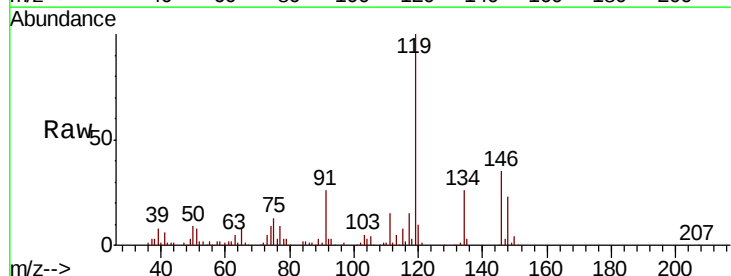
Instrument :
 MSVOA_N
 ClientSampleId :

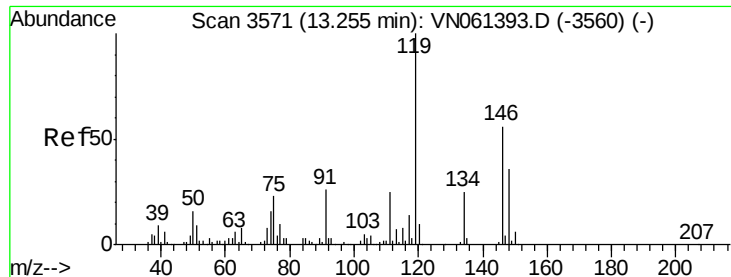
Tot Ion:105 Resp: 113147
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 17.950 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion:119 Resp: 99708
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.8
 91 26.1 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 17.830 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

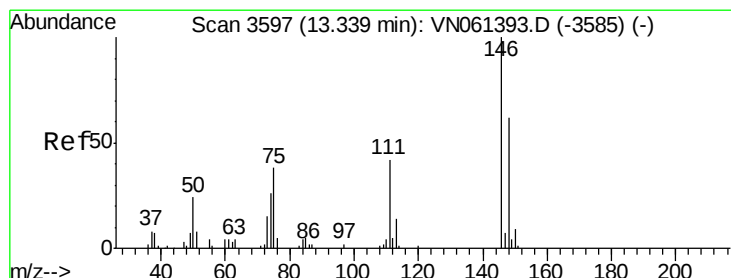
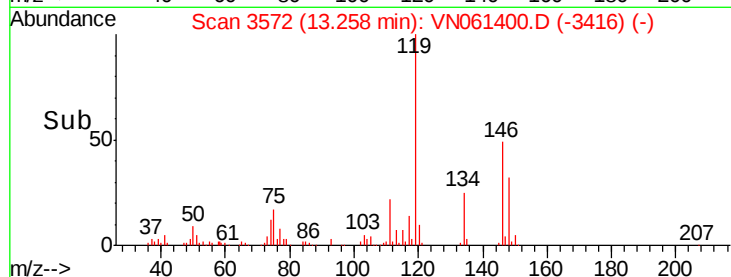
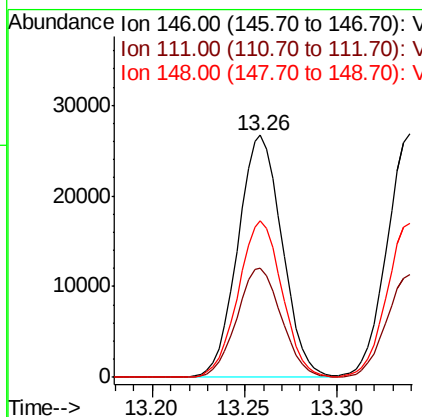
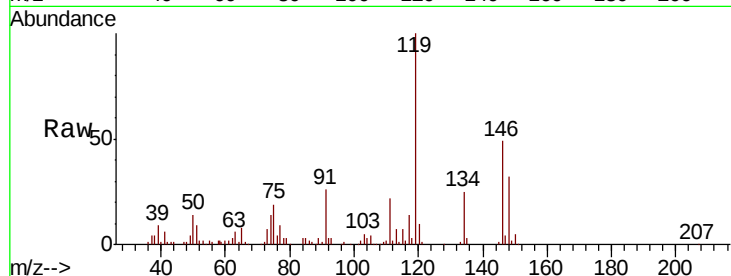
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 44212

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.0	63.0
148	63.8	31.7	95.1



#84

1,4-Dichlorobenzene

Concen: 18.185 ug/l

RT: 13.34 min Scan# 3597

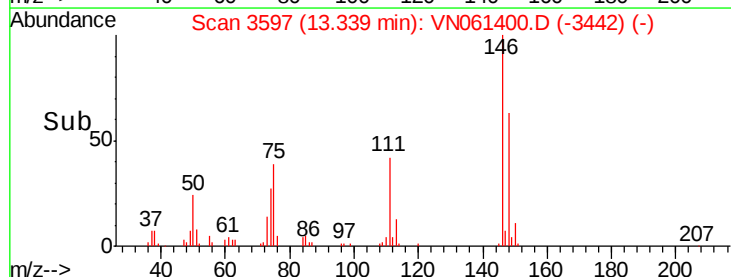
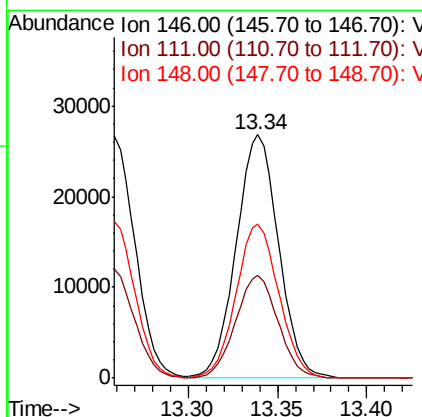
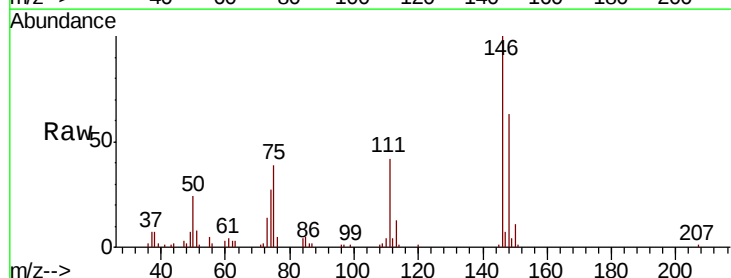
Delta R.T. -0.00 min

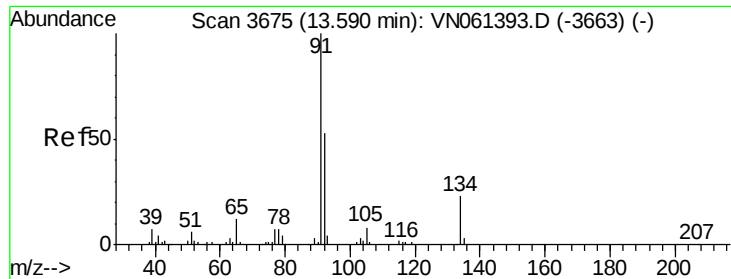
Lab File: VN061400.D

Acq: 14 May 2020 18:07

Tgt Ion:146 Resp: 44627

Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.8	59.4
148	63.6	31.6	94.8

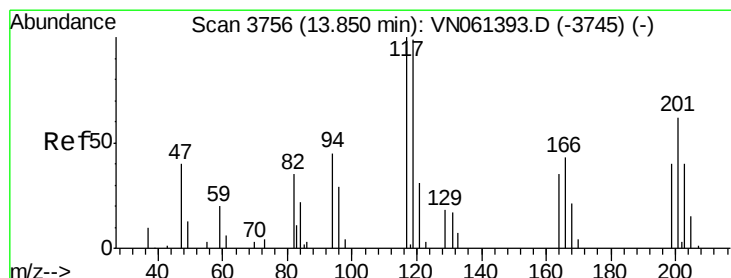
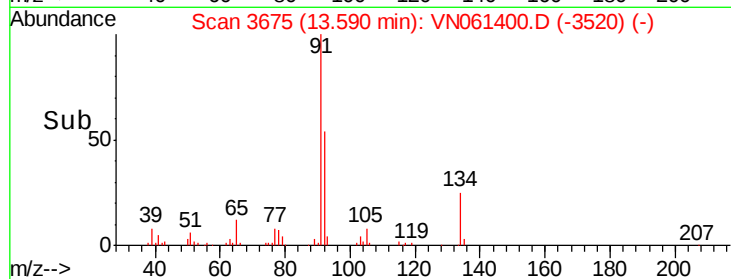
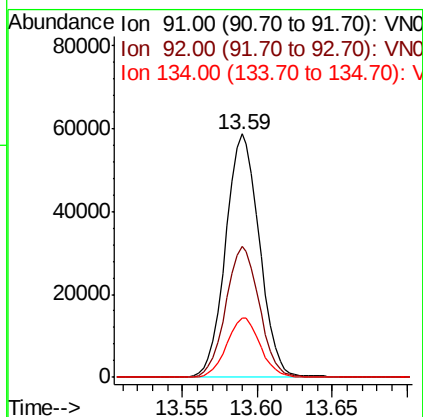
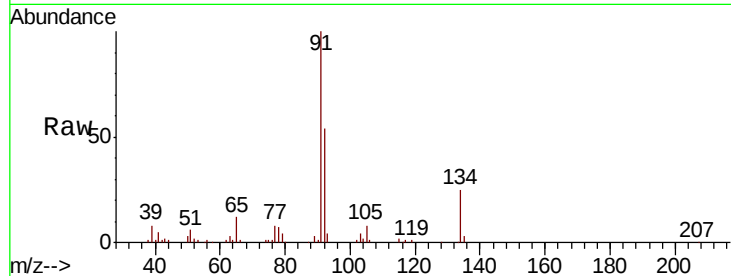




#85
n-Butylbenzene
Concen: 17.974 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

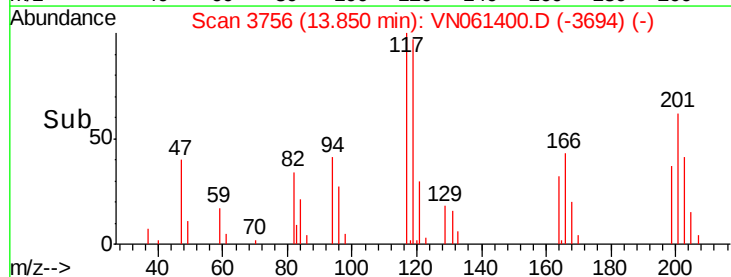
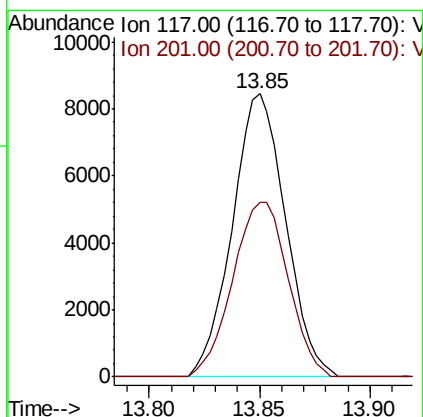
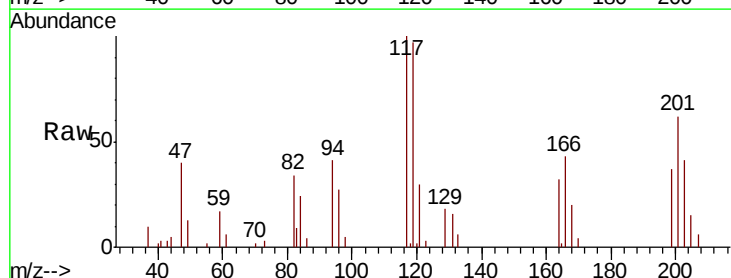
Instrument :
MSVOA_N
ClientSampled :

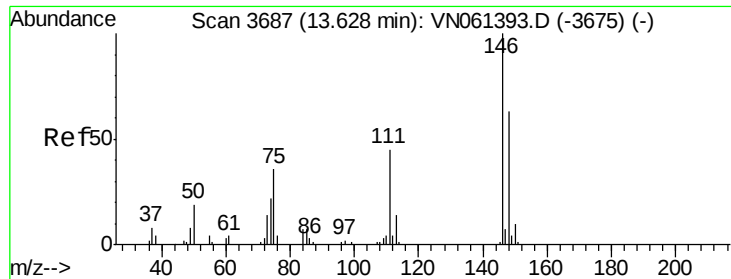
Tot Ion: 91 Resp: 92432
Ion Ratio Lower Upper
91 100
92 53.2 0.0 102.8
134 24.1 0.0 48.6



#86
Hexachloroethane
Concen: 18.261 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061400.D
Acq: 14 May 2020 18:07

Tgt Ion: 117 Resp: 14140
Ion Ratio Lower Upper
117 100
201 64.3 38.7 116.1

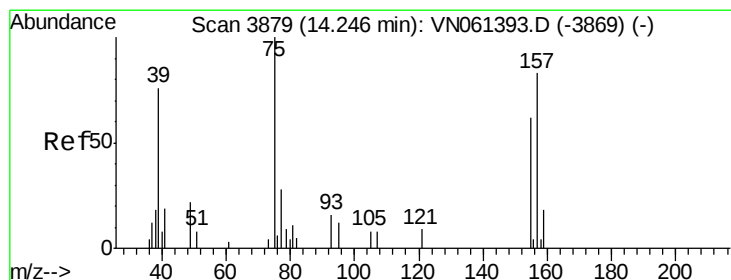
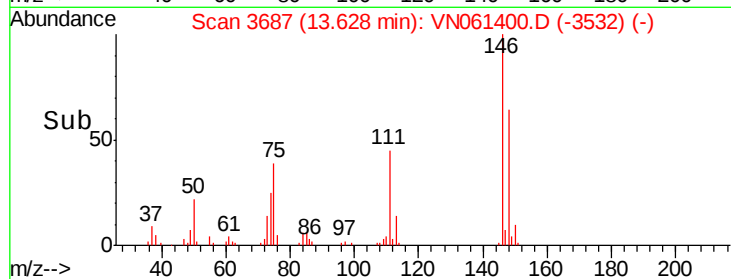
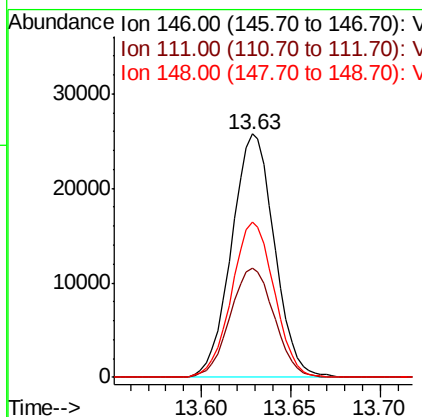
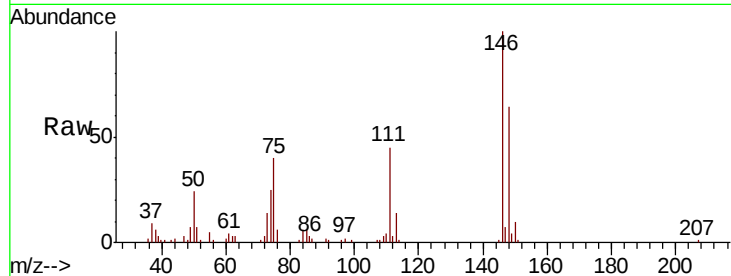




#87
 1,2-Dichlorobenzene
 Concen: 18.277 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

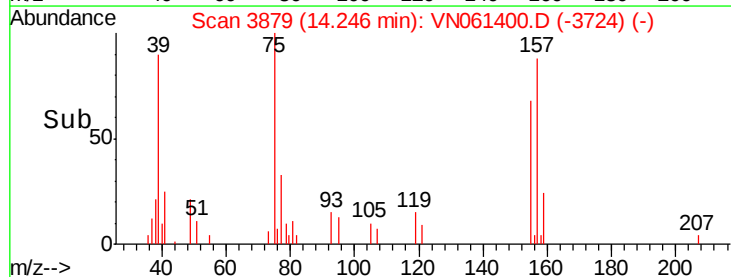
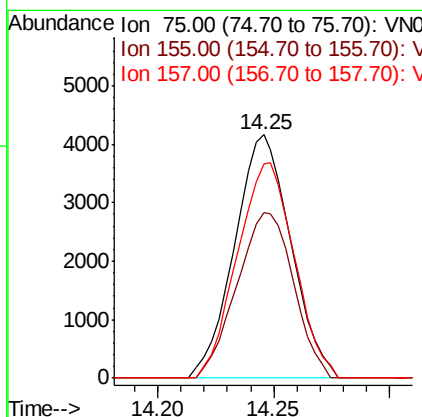
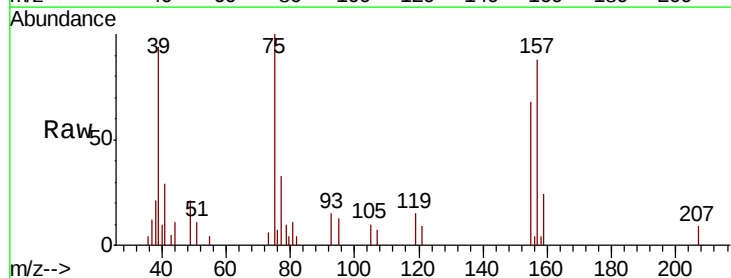
Instrument :
 MSVOA_N
 ClientSampleId :

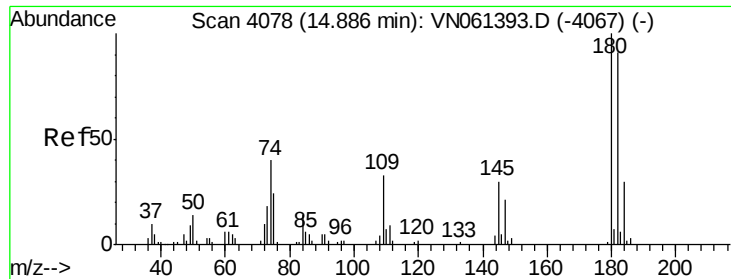
Tot Ion:146 Resp: 42990
 Ion Ratio Lower Upper
 146 100
 111 46.0 21.8 65.4
 148 63.2 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.553 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion: 75 Resp: 7017
 Ion Ratio Lower Upper
 75 100
 155 68.6 58.3 87.5
 157 89.3 75.0 112.6

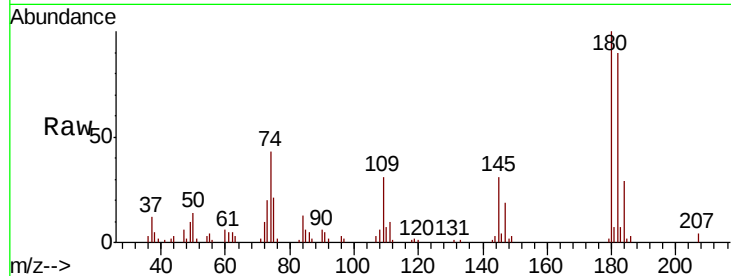




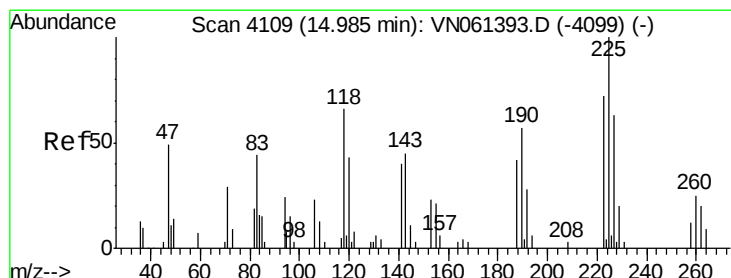
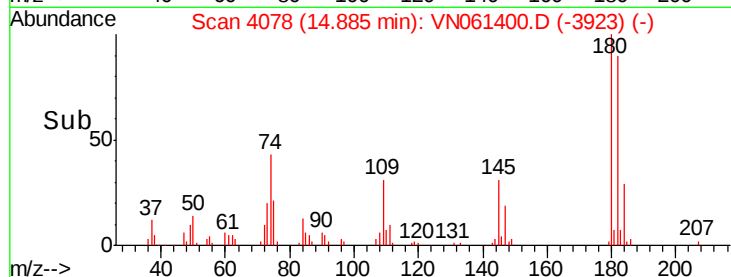
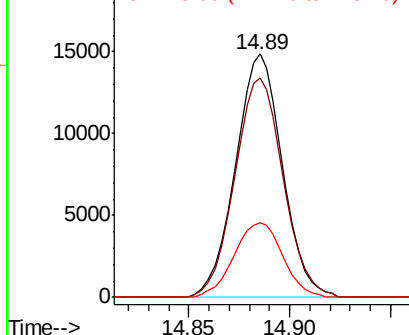
#89
 1,2,4-Trichlorobenzene
 Concen: 17.861 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 24137
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.3 112.9
 145 31.8 24.8 37.2

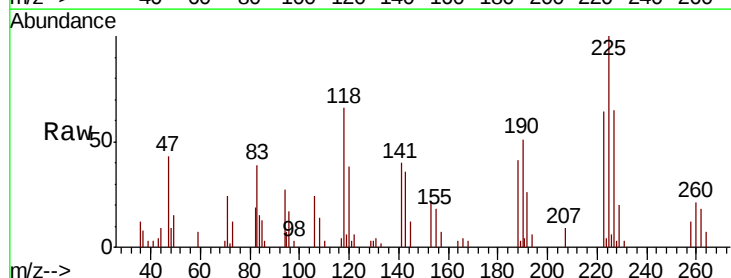


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

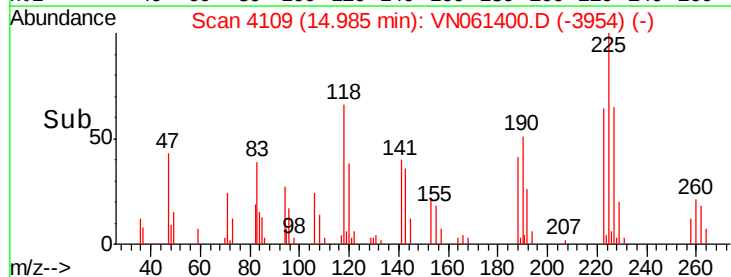
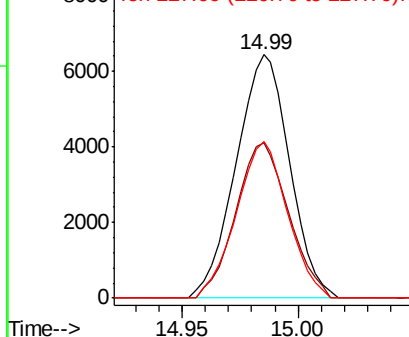


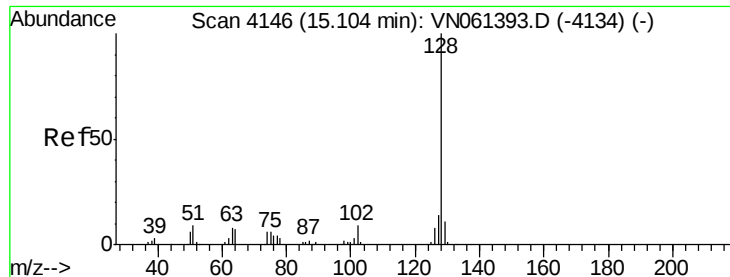
#90
 Hexachlorobutadiene
 Concen: 18.753 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061400.D
 Acq: 14 May 2020 18:07

Tgt Ion:225 Resp: 10324
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 126.2
 227 61.5 0.0 127.0



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





#91

Naphthalene

Concen: 18.135 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

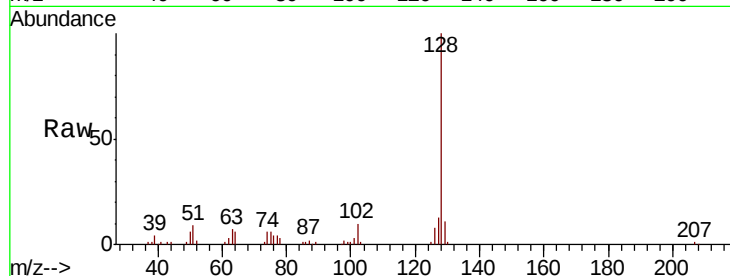
Tot Ion:128 Resp: 77084

Ion Ratio Lower Upper

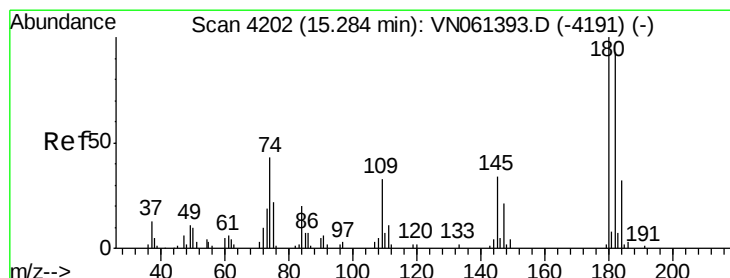
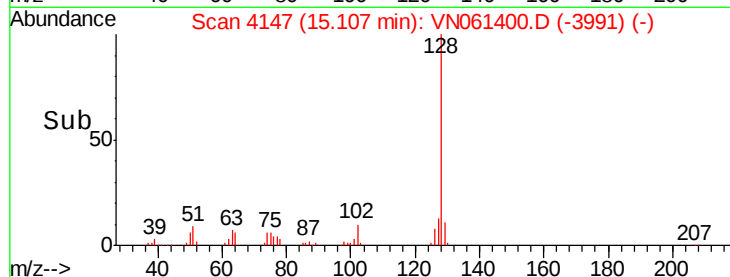
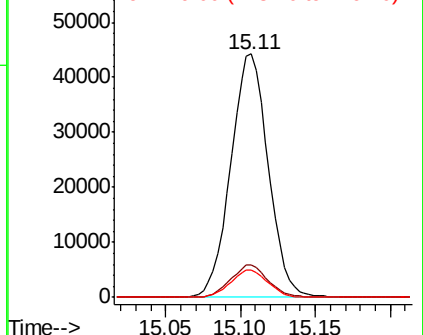
128 100

127 13.3 10.2 15.2

129 10.9 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: 18.542 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061400.D

Acq: 14 May 2020 18:07

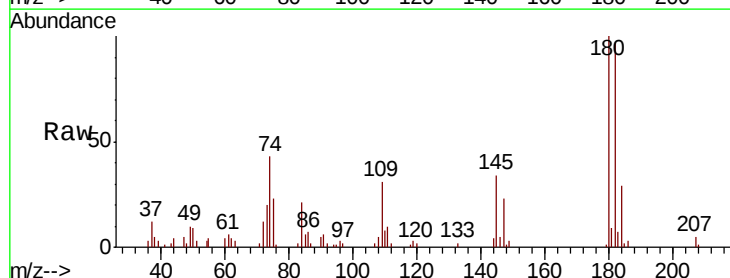
Tgt Ion:180 Resp: 24338

Ion Ratio Lower Upper

180 100

182 92.7 0.0 193.4

145 33.7 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

