

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061392.D
 Acq On : 14 May 2020 14:14
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 14 15:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 15:22:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.14	128	18631	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.54	114	109909	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	100223	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	51479	32.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.23%
60) 4-Bromofluorobenzene	12.37	95	48527	27.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.20%
63) Toluene-d8	10.06	98	141788	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	4323	4.511 ug/l	94
3) Chloromethane	2.03	50	8699	6.267 ug/l	97
4) Vinyl Chloride	2.16	62	11646	7.615 ug/l	99
5) Bromomethane	2.54	94	6120	6.868 ug/l	94
6) Chloroethane	2.67	64	8318	8.428 ug/l	92
7) Trichlorofluoromethane	2.98	101	12706	7.008 ug/l	90
8) Diethyl Ether	3.37	74	3835	5.840 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4957	5.057 ug/l	69
10) 1,1-Dichloroethene	3.69	96	5385	5.551 ug/l	94
11) Methyl Iodide	3.91	142	5423	4.198 ug/l	98
12) Methyl Acetate	4.27	43	6405	4.305 ug/l	93
13) Acrolein	3.41	56	69	0.388 ug/l	90
14) Acrylonitrile	4.92	53	14518	23.859 ug/l	99
15) Acetone	3.77	58	3942	22.575 ug/l	87
16) Carbon Disulfide	4.00	76	16343	5.690 ug/l	99
17) Allyl chloride	4.27	41	10597	5.436 ug/l	97
18) Methylene Chloride	4.49	84	6657	5.705 ug/l	92
19) trans-1,2-Dichloroethene	4.98	96	6393	5.981 ug/l	81
20) Diisopropyl ether	5.90	45	24538	6.004 ug/l	90
21) 1,1-Dichloroethane	5.80	63	12552	5.625 ug/l #	93
22) cis-1,2-Dichloroethene	6.77	96	3305	2.582 ug/l #	1
23) tert-Butyl Alcohol	4.73	59	5111	21.353 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	21168	5.730 ug/l	99
25) Chloroform	7.32	83	12194	5.529 ug/l	95
26) Cyclohexane	7.61	56	12632	6.307 ug/l #	97
29) 1,1-Dichloropropene	7.75	75	10040	5.700 ug/l	96
30) 2-Butanone	6.78	43	21577	22.709 ug/l #	94
31) 2,2-Dichloropropane	6.78	77	12209	5.868 ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	11115	5.534 ug/l	95
33) Carbon Tetrachloride	7.73	117	7991	4.722 ug/l	93
34) Benzene	8.00	78	27697	5.386 ug/l #	60
35) Methacrylonitrile	7.11	41	3979	4.466 ug/l	82
36) 1,2-Dichloroethane	8.08	62	10848	5.519 ug/l	98
37) Trichloroethene	8.80	130	6662	5.299 ug/l	96
38) Methylcyclohexane	9.04	83	12341	5.983 ug/l	98
39) 1,2-Dichloropropane	9.08	63	7882	5.604 ug/l	95
40) Dibromomethane	9.17	93	4830	5.503 ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061392.D
 Acq On : 14 May 2020 14:14
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 14 15:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 15:22:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	10103	5.533	ug/l	98
42) Vinyl Acetate	5.84	43	99168	28.581	ug/l	100
43) Ethyl Acetate	6.87	43	3250	1.710	ug/l #	90
44) Isopropyl Acetate	8.12	43	17691	5.584	ug/l	98
45) 1,4-Dioxane	9.16	88	1451	66.672	ug/l	91
46) Methyl methacrylate	9.17	41	8659	5.910	ug/l	92
47) n-amyl Acetate	12.04	43	14529	5.166	ug/l	91
48) t-1,3-Dichloropropene	10.35	75	11561	5.421	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	13053	5.849	ug/l	92
50) 1,1,2-Trichloroethane	10.53	97	6587	5.285	ug/l	93
51) Ethyl methacrylate	10.40	69	10896	5.335	ug/l	93
52) 1,3-Dichloropropane	10.68	76	11504	5.113	ug/l	98
53) Dibromochloromethane	10.87	129	6698	4.969	ug/l	97
54) 1,2-Dibromoethane	10.98	107	6685	5.159	ug/l	93
55) 2-Chloroethyl vinyl ether	9.66	63	23991	24.609	ug/l	99
56) Bromoform	12.10	173	3928	4.268	ug/l #	96
58) 4-Methyl-2-Pentanone	9.95	43	47985	26.647	ug/l	98
59) 2-Hexanone	10.72	43	32797	23.509	ug/l	100
61) Tetrachloroethene	10.60	164	6070	5.527	ug/l	94
62) Toluene	10.12	91	29278	5.426	ug/l	99
64) Chlorobenzene	11.40	112	17140	5.234	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.48	131	6137	5.014	ug/l	99
66) Ethyl Benzene	11.48	91	33744	5.616	ug/l	99
67) m/p-Xylenes	11.59	106	23993	10.709	ug/l	98
68) o-Xylene	11.92	106	11227	5.164	ug/l	96
69) Styrene	11.94	104	18472	5.116	ug/l	97
70) Isopropylbenzene	12.22	105	31255	5.353	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	9078	4.763	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	12233	6.993	ug/l	62
73) Bromobenzene	12.50	156	6250	4.540	ug/l	92
74) n-propylbenzene	12.56	91	37112	5.428	ug/l	98
75) 2-Chlorotoluene	12.65	91	20880	5.089	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	25647	5.144	ug/l	98
77) t-1,4-Dichloro-2-butene	12.28	75	3175	4.695	ug/l	94
78) 4-Chlorotoluene	12.75	91	21178	4.997	ug/l	96
79) tert-butylbenzene	12.97	119	21424	5.050	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	25701	5.198	ug/l	97
81) sec-Butylbenzene	13.15	105	28497	4.974	ug/l	100
82) p-Isopropyltoluene	13.26	119	25579	4.969	ug/l	97
83) 1,3-Dichlorobenzene	13.26	146	11267	4.509	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	10756	4.307	ug/l	96
85) n-Butylbenzene	13.59	91	23222	4.890	ug/l	98
86) Hexachloroethane	13.85	117	3682	4.136	ug/l	80
87) 1,2-Dichlorobenzene	13.63	146	10421	4.226	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	1825	4.313	ug/l	85
89) 1,2,4-Trichlorobenzene	14.89	180	5292	3.443	ug/l	99
90) Hexachlorobutadiene	14.99	225	2566	3.368	ug/l	95
91) Naphthalene	15.11	128	16847	3.690	ug/l	100
92) 1,2,3-Trichlorobenzene	14.89	180	5292	3.547	ug/l	96

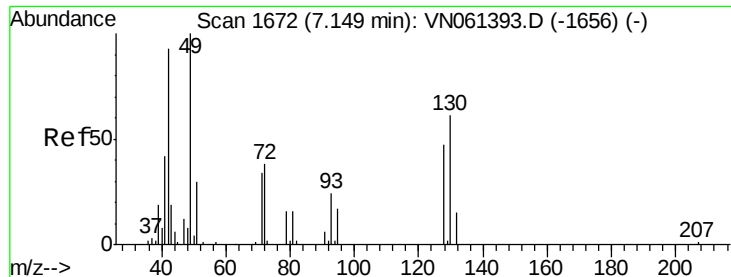
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
Data File : VN061392.D
Acq On : 14 May 2020 14:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 14 15:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 15:22:52 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :
MSVOA_N
ClientSampled :

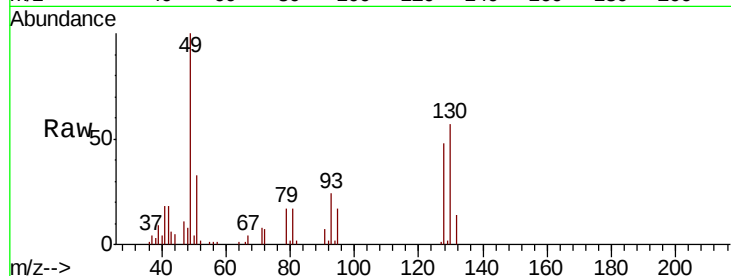
Tot Ion:128 Resp: 18631

Ion Ratio Lower Upper

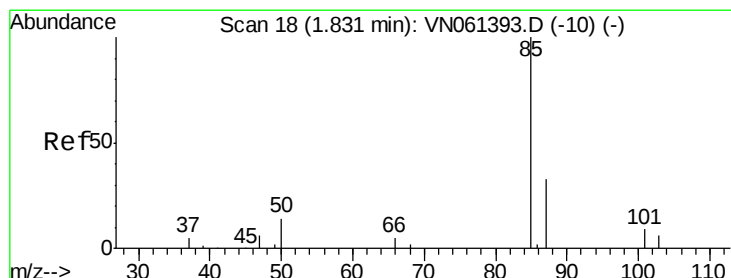
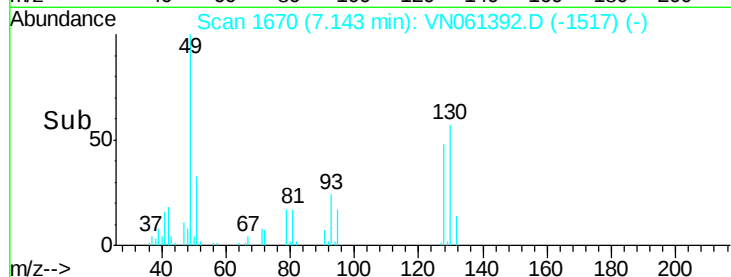
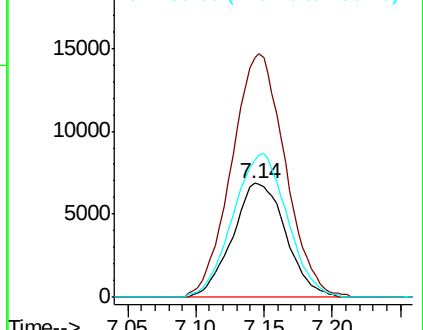
128 100

49 214.4 0.0 453.5

130 128.8 0.0 314.2



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



#2

Dichlorodifluoromethane

Concen: 4.511 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061392.D

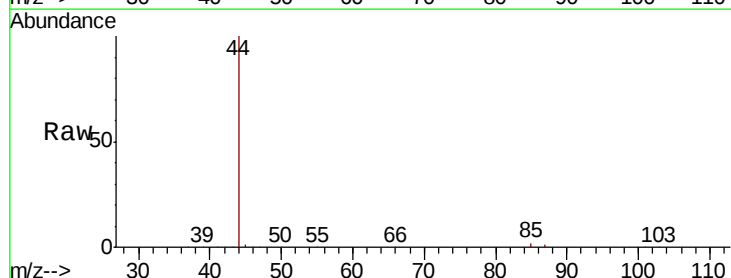
Acq: 14 May 2020 14:14

Tgt Ion: 85 Resp: 4323

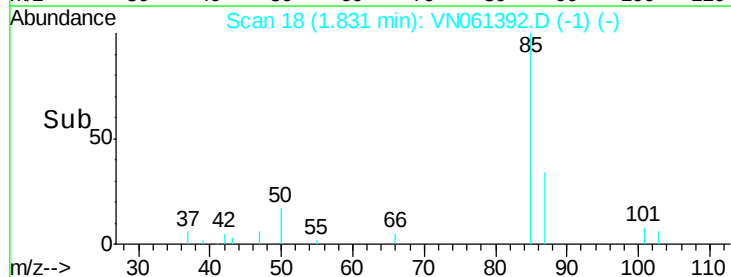
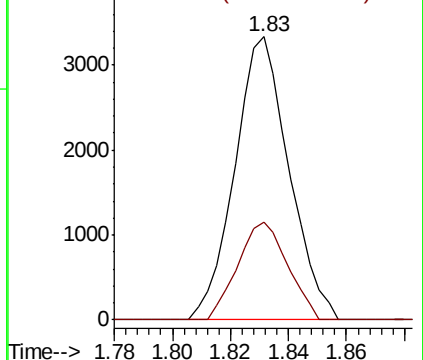
Ion Ratio Lower Upper

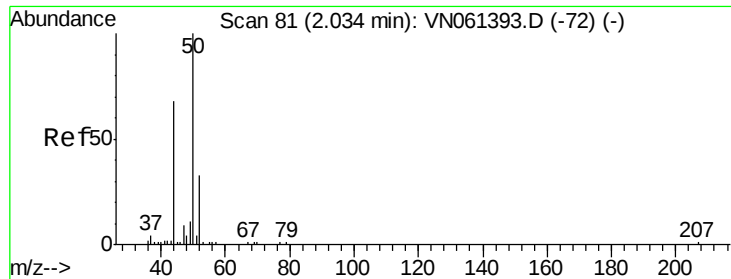
85 100

87 34.5 15.7 47.0



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





#3

Chloromethane

Concen: 6.267 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

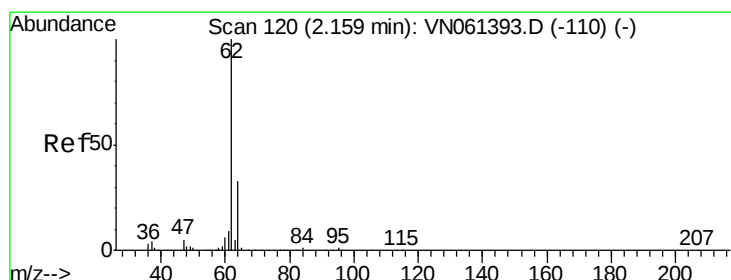
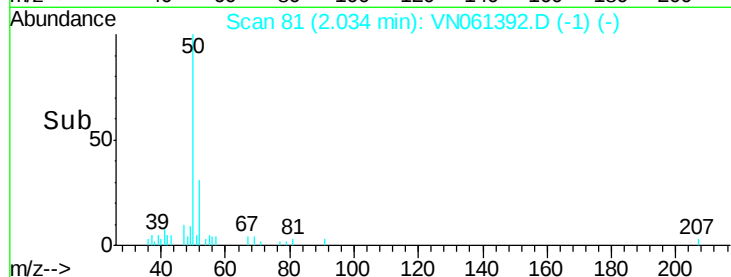
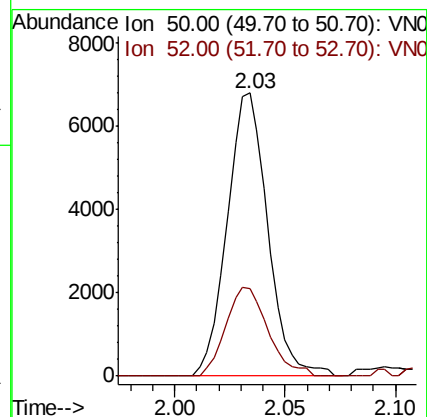
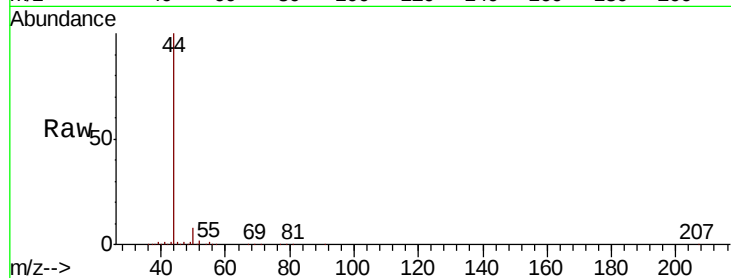
ClientSampleId :

Tot Ion: 50 Resp: 8699

Ion Ratio Lower Upper

50 100

52 30.9 25.8 38.8



#4

Vinyl Chloride

Concen: 7.615 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061392.D

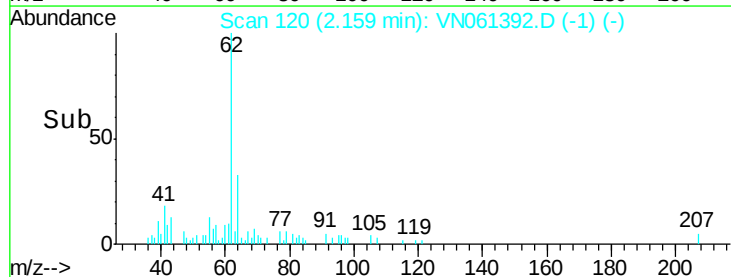
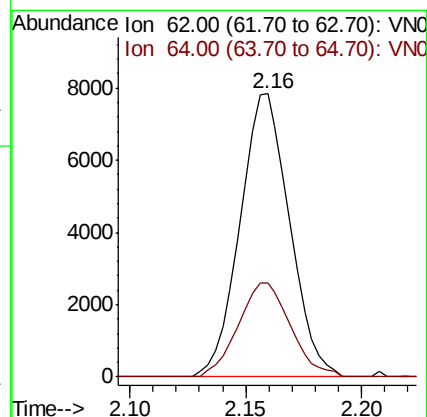
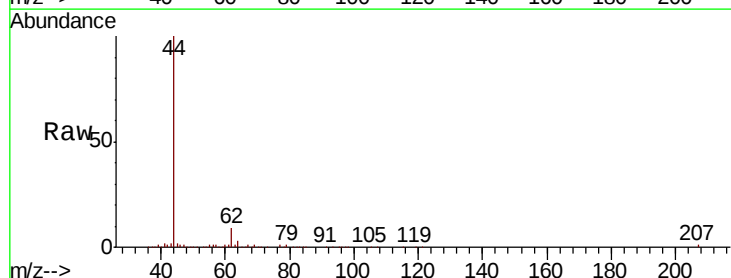
Acq: 14 May 2020 14:14

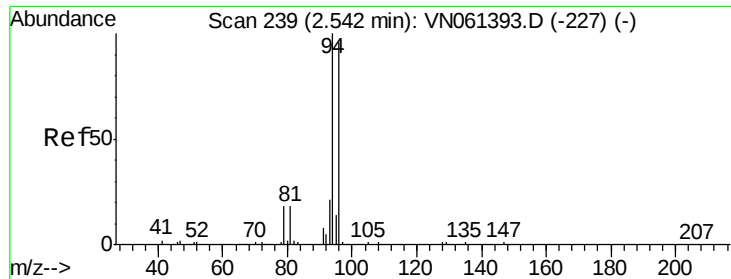
Tgt Ion: 62 Resp: 11646

Ion Ratio Lower Upper

62 100

64 33.1 26.1 39.1





#5

Bromomethane

Concen: 6.868 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

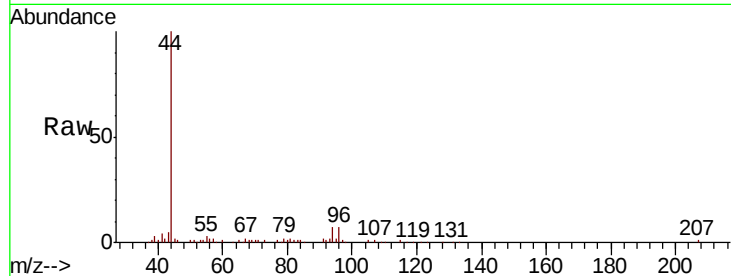
ClientSampleId :

Tot Ion: 94 Resp: 6120

Ion Ratio Lower Upper

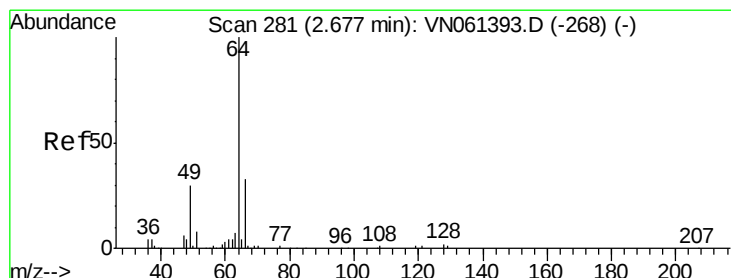
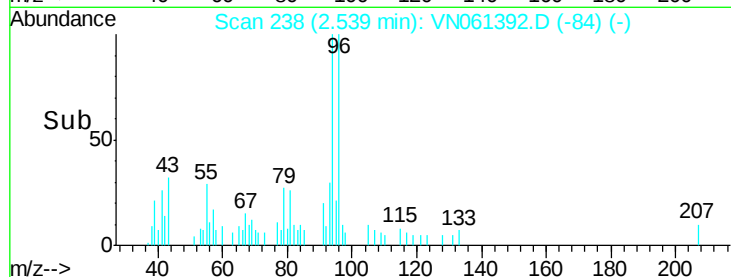
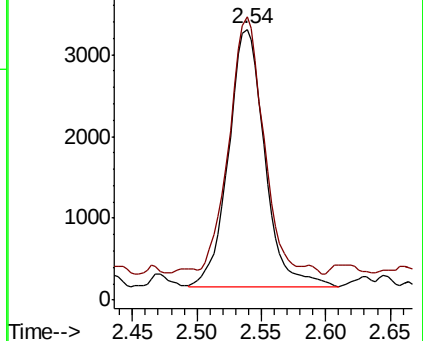
94 100

96 97.8 73.7 110.5



Abundance Ion 94.00 (93.70 to 94.70): VN061392.D (-227) (-)

Ion 96.00 (95.70 to 96.70): VN061392.D (-227) (-)



#6

Chloroethane

Concen: 8.428 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061392.D

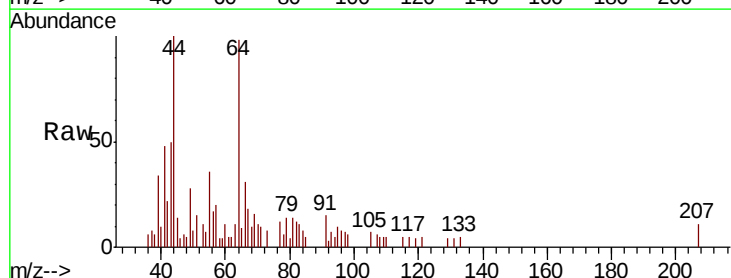
Acq: 14 May 2020 14:14

Tgt Ion: 64 Resp: 8318

Ion Ratio Lower Upper

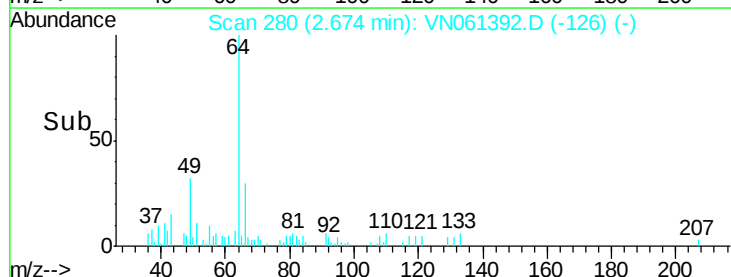
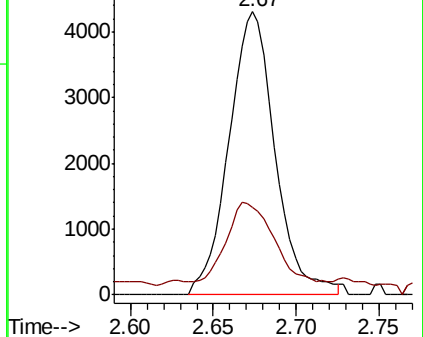
64 100

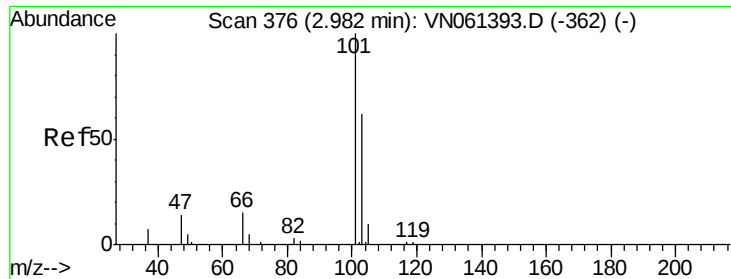
66 26.3 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN061392.D (-268) (-)

Ion 66.00 (65.70 to 66.70): VN061392.D (-268) (-)



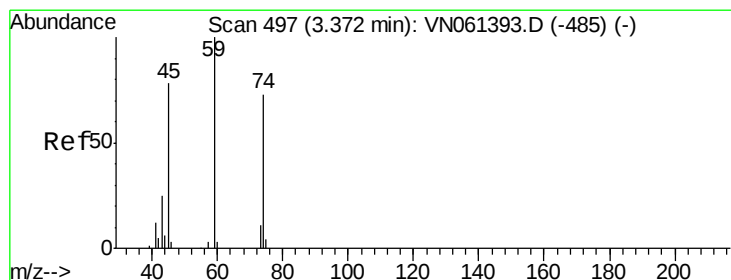
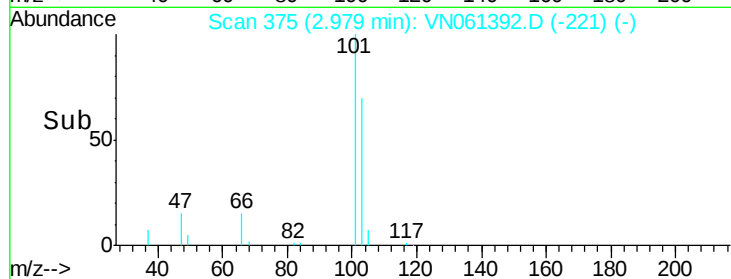
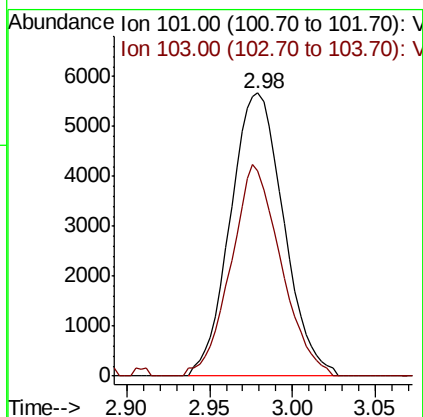
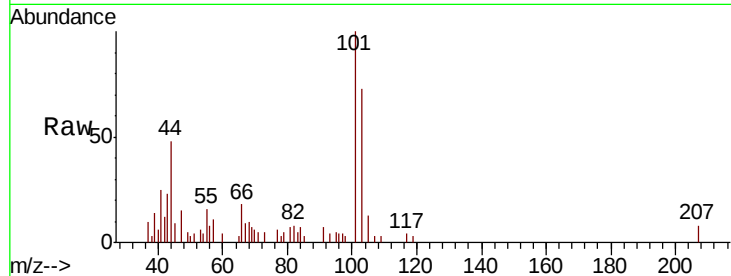


#7

Trichlorofluoromethane
 Concen: 7.008 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :

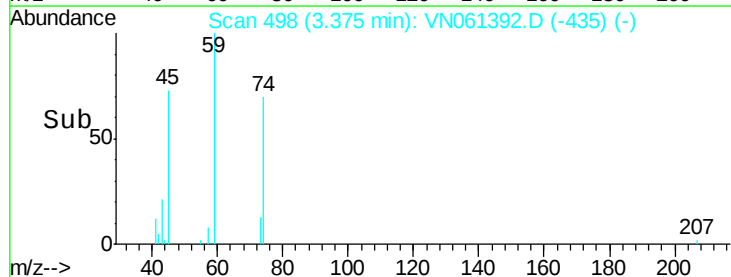
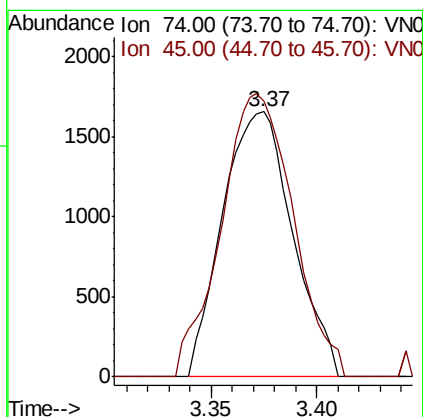
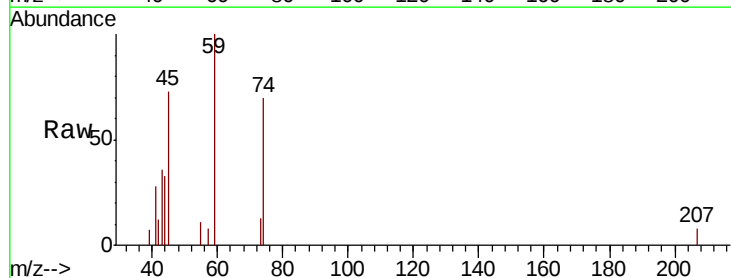
Tot Ion:101 Resp: 12706
 Ion Ratio Lower Upper
 101 100
 103 72.5 51.5 77.3

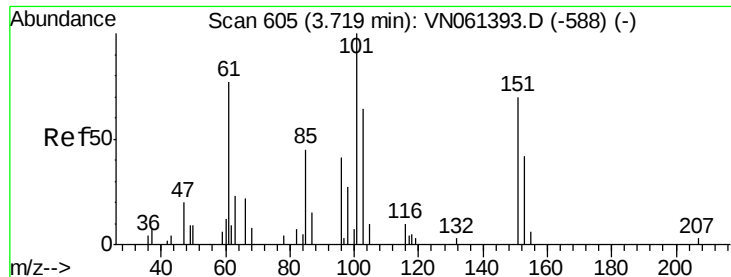


#8

Diethyl Ether
 Concen: 5.840 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 74 Resp: 3835
 Ion Ratio Lower Upper
 74 100
 45 109.4 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.057 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

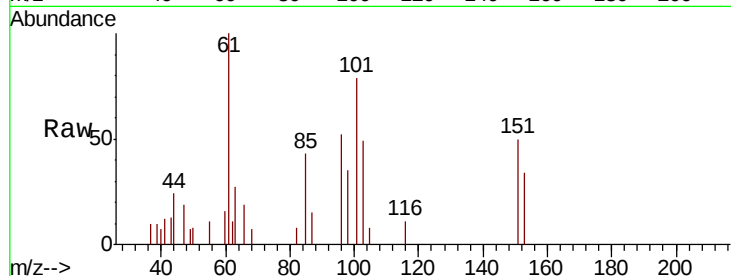
Tot Ion:101 Resp: 4957

Ion Ratio Lower Upper

101 100

85 49.4 0.0 93.8

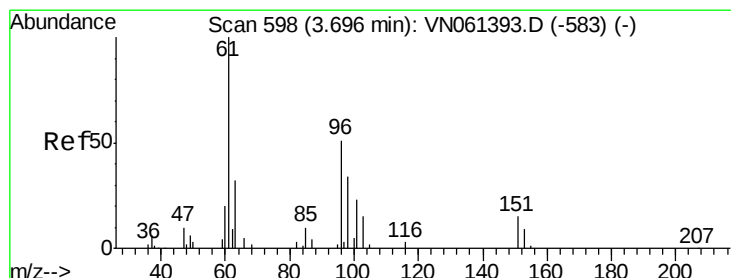
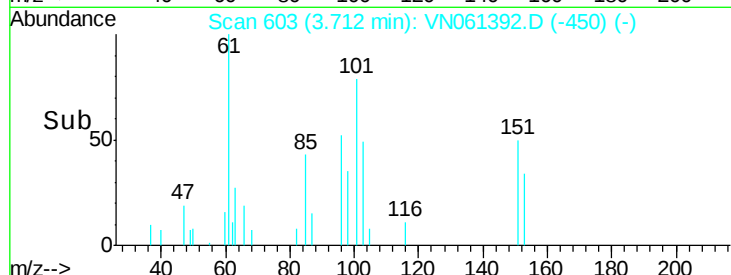
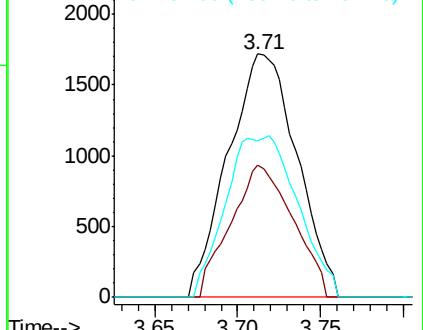
151 33.5 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.551 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

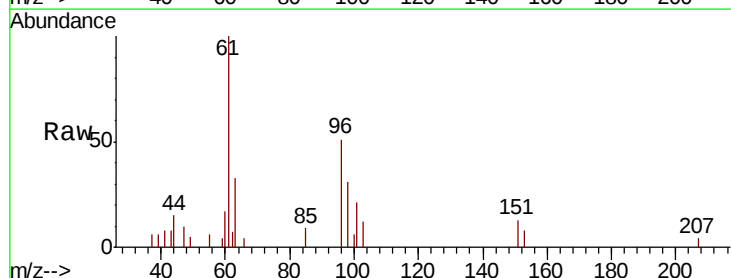
Tgt Ion: 96 Resp: 5385

Ion Ratio Lower Upper

96 100

61 195.2 148.5 222.7

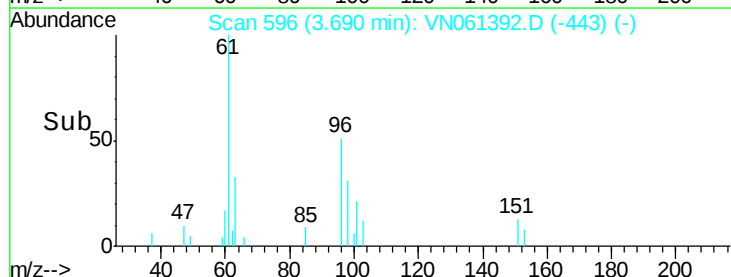
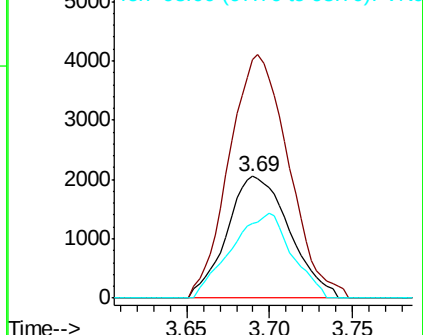
98 61.5 51.0 76.6

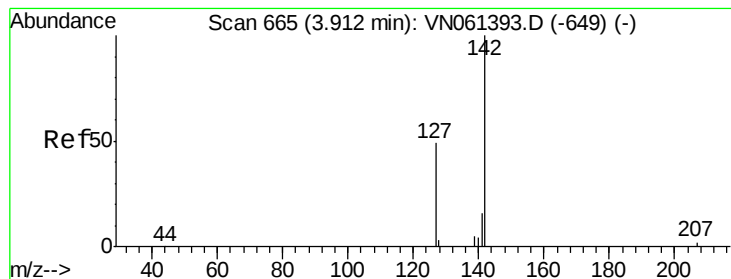


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methvl Iodide

Concen: 4.198 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

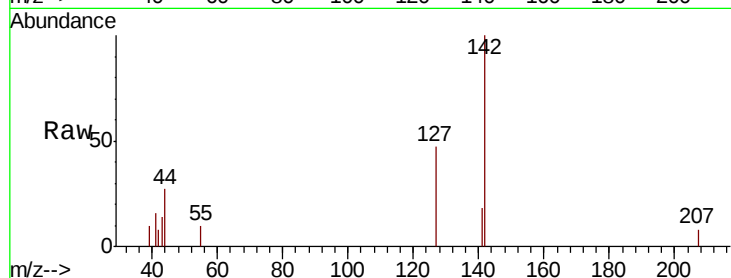
Tot Ion:142 Resp: 5423

Ion Ratio Lower Upper

142 100

127 46.6 23.5 70.6

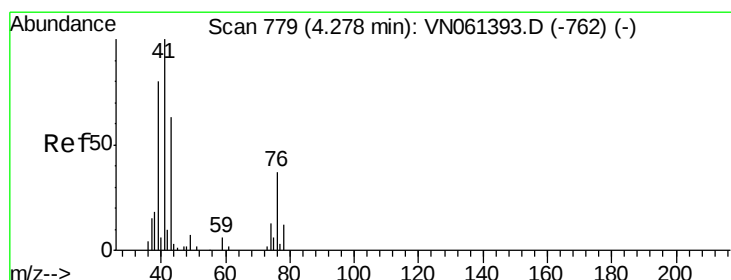
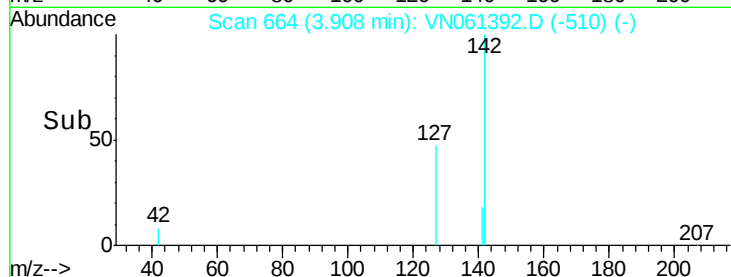
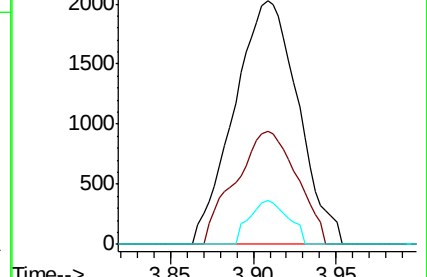
141 18.0 7.4 22.2



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: 4.305 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061392.D

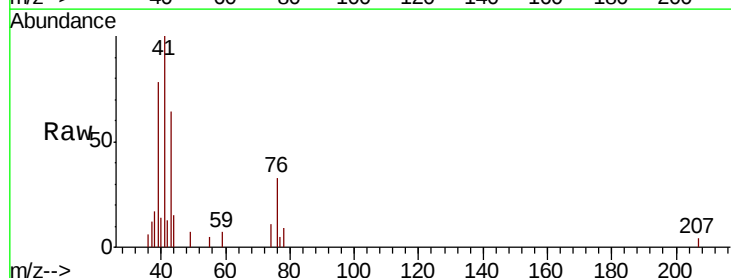
Acq: 14 May 2020 14:14

Tgt Ion: 43 Resp: 6405

Ion Ratio Lower Upper

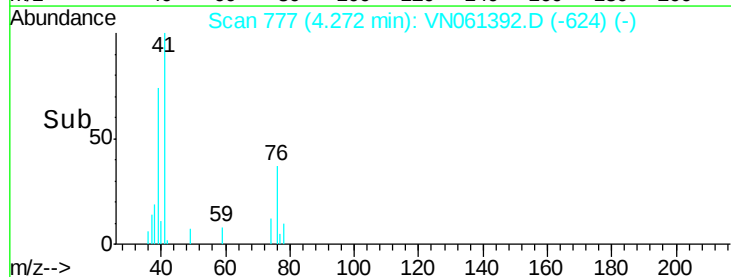
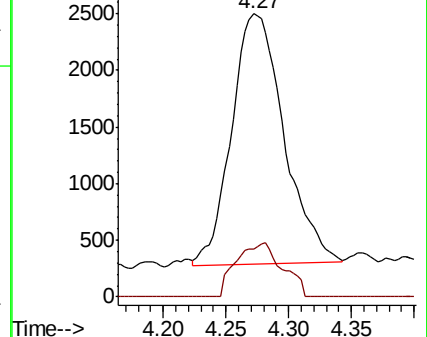
43 100

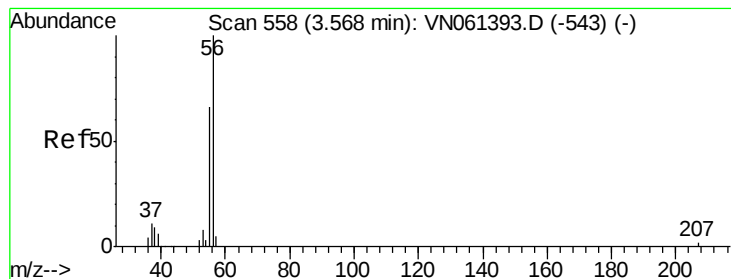
74 19.5 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 0.388 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.16 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

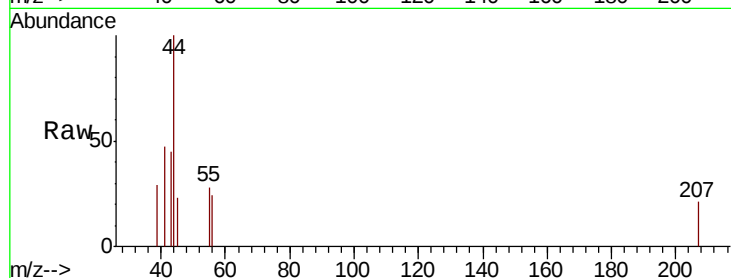
ClientSampleId :

Tot Ion: 56 Resp: 69

Ion Ratio Lower Upper

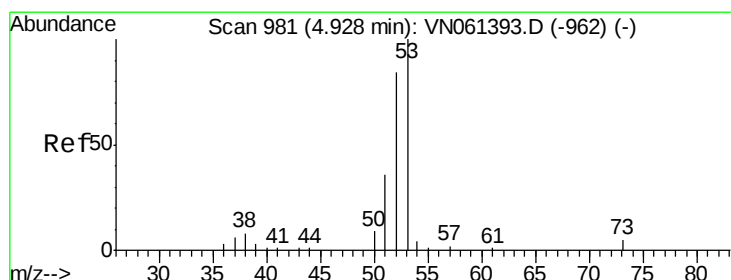
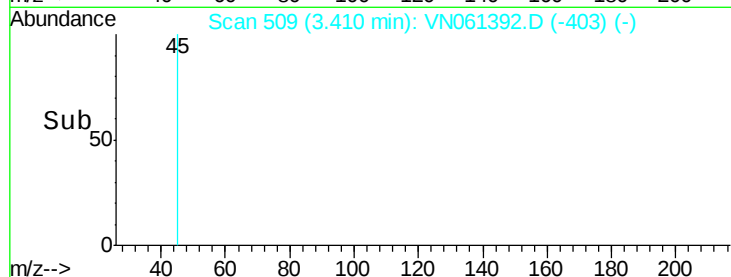
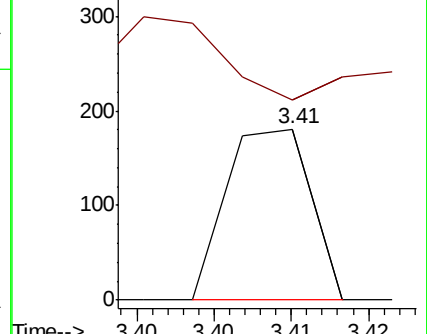
56 100

55 78.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 23.859 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

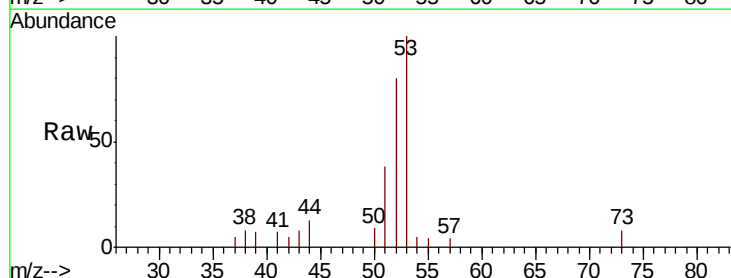
Tgt Ion: 53 Resp: 14518

Ion Ratio Lower Upper

53 100

52 82.9 42.2 126.6

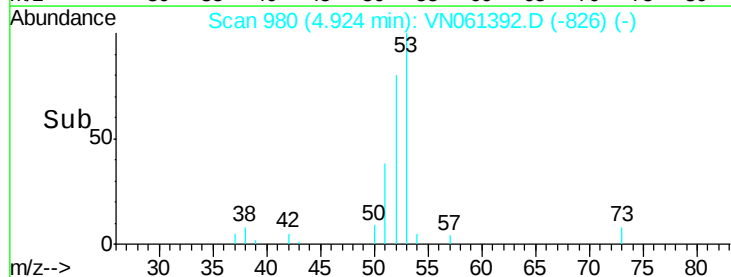
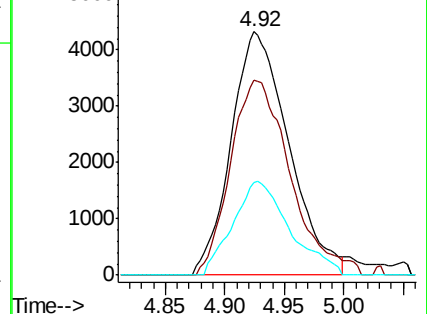
51 37.9 18.8 56.4

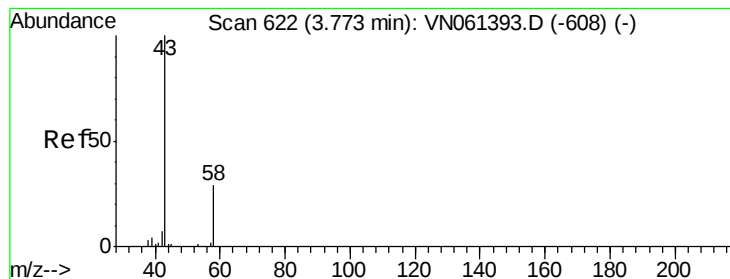


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 22.575 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

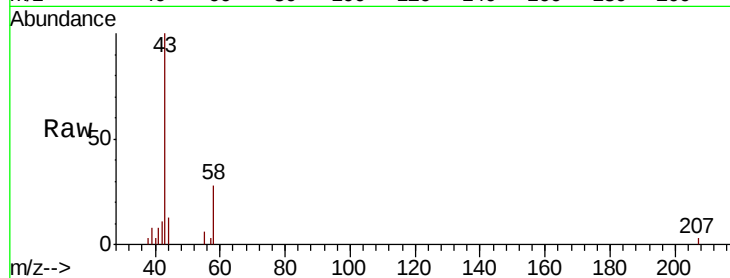
ClientSampled :

Tot Ion: 58 Resp: 3942

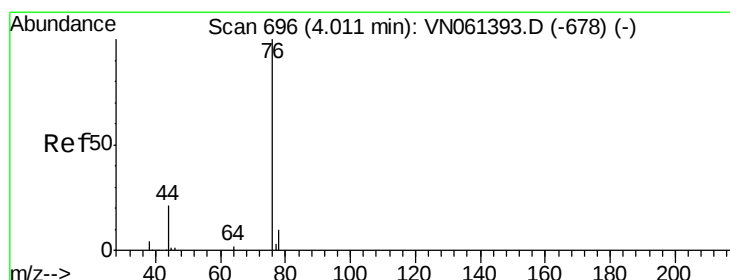
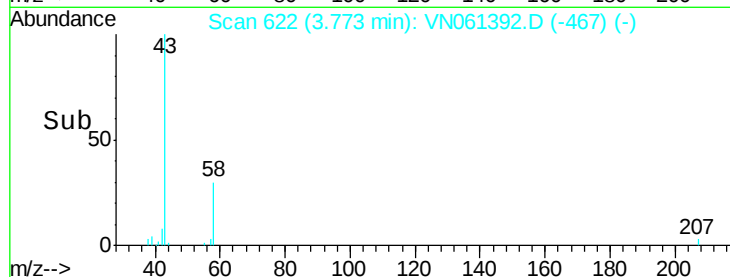
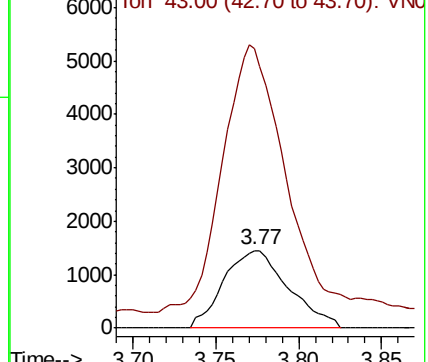
Ion Ratio Lower Upper

58 100

43 323.1 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN061392.D (-541) (-)



#16

Carbon Disulfide

Concen: 5.690 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061392.D

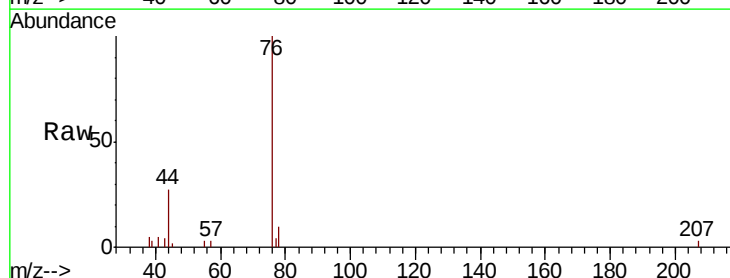
Acq: 14 May 2020 14:14

Tgt Ion: 76 Resp: 16343

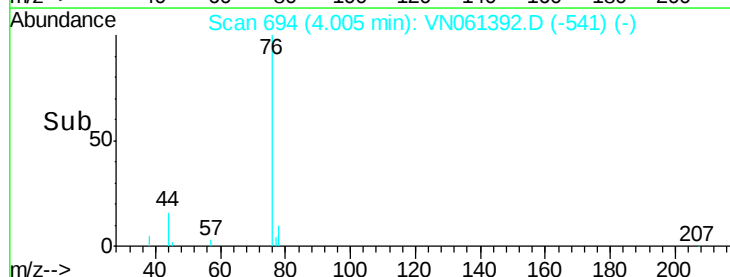
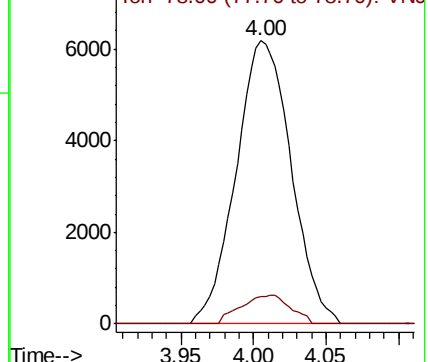
Ion Ratio Lower Upper

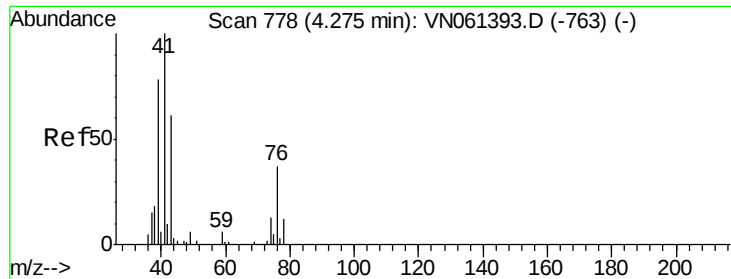
76 100

78 9.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN061392.D (-541) (-)

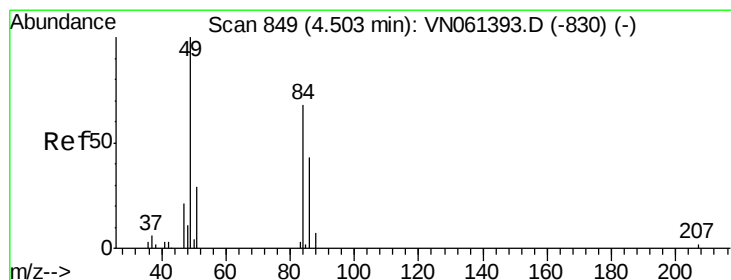
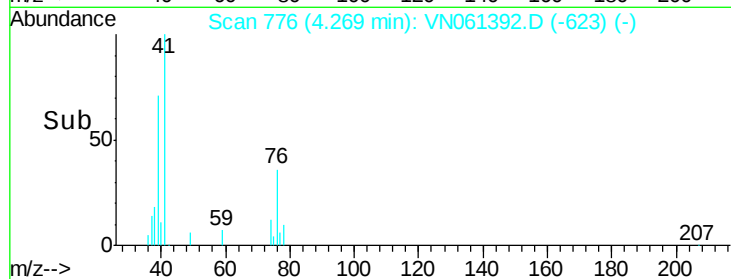
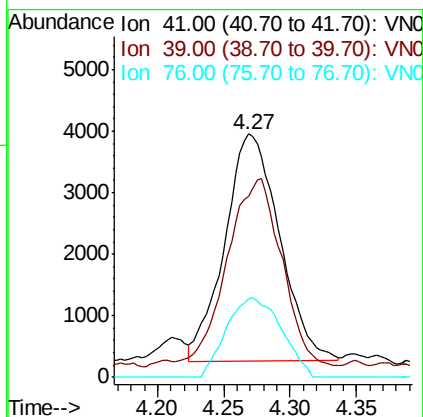
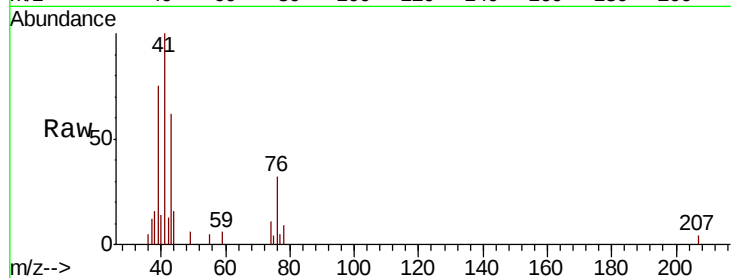




#17
Allvl chloride
Concen: 5.436 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

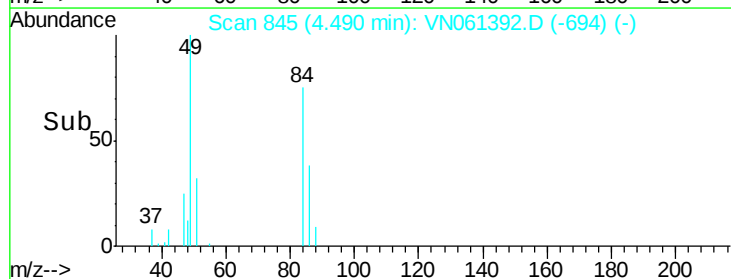
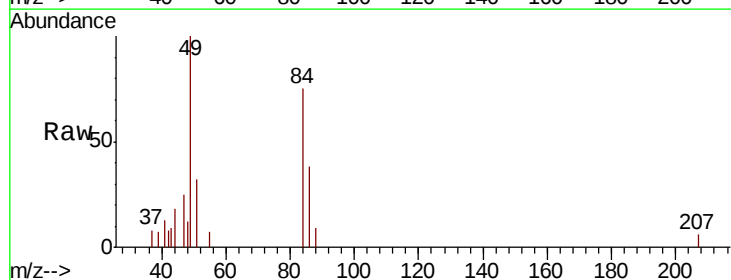
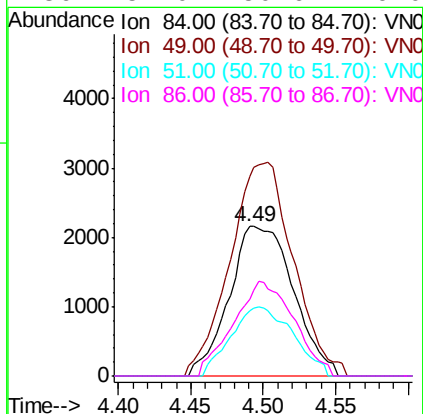
Instrument :
MSVOA_N
ClientSampled :

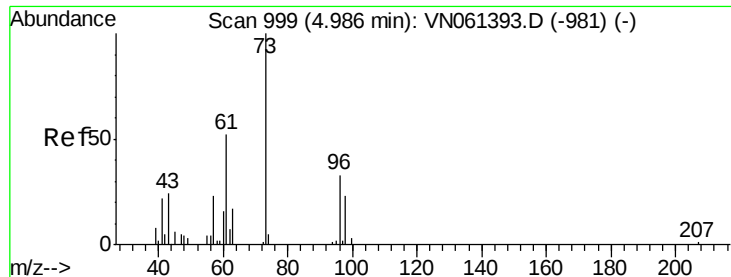
Tot Ion: 41 Resp: 10597
Ion Ratio Lower Upper
41 100
39 75.8 39.6 118.8
76 35.2 17.6 52.9



#18
Methylene Chloride
Concen: 5.705 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 84 Resp: 6657
Ion Ratio Lower Upper
84 100
49 126.9 106.6 160.0
51 43.3 32.4 48.6
86 51.0 50.6 76.0

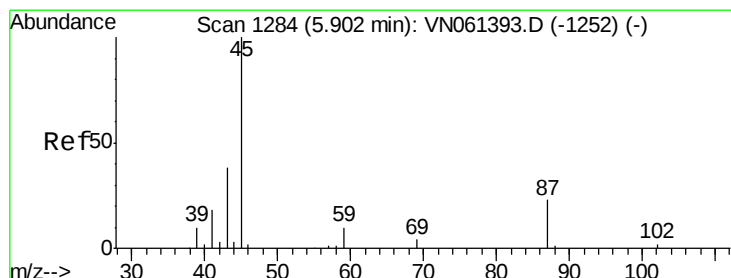
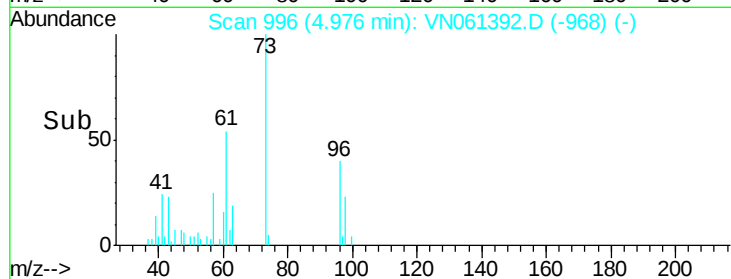
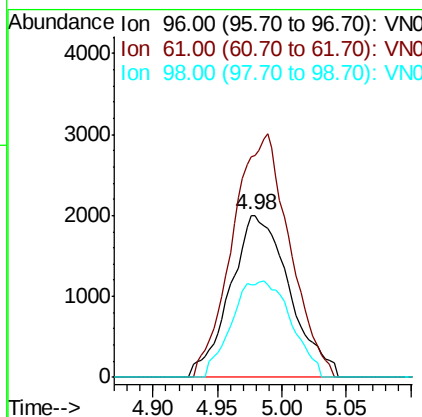
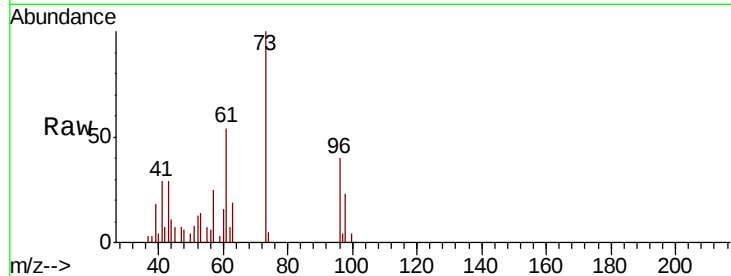




#19
trans-1,2-Dichloroethene
Concen: 5.981 ug/l
RT: 4.98 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

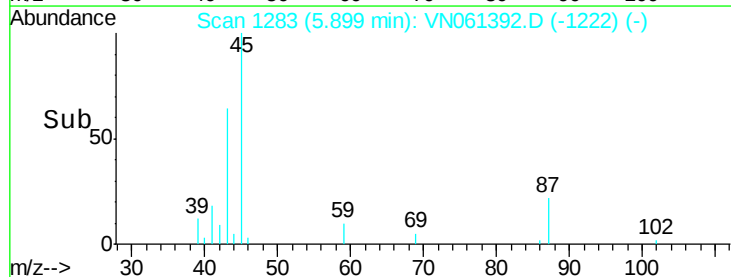
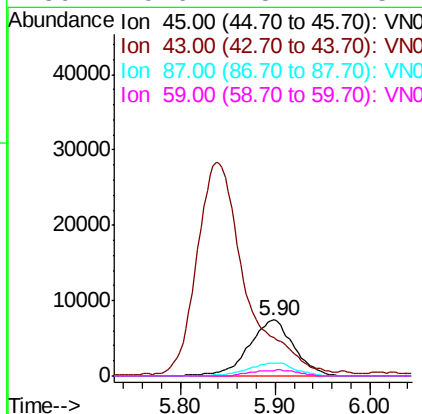
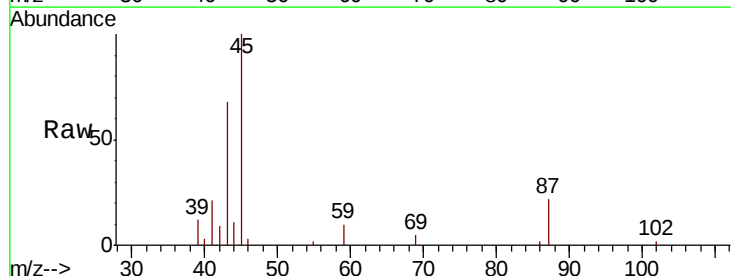
Instrument :
MSVOA_N
ClientSampleId :

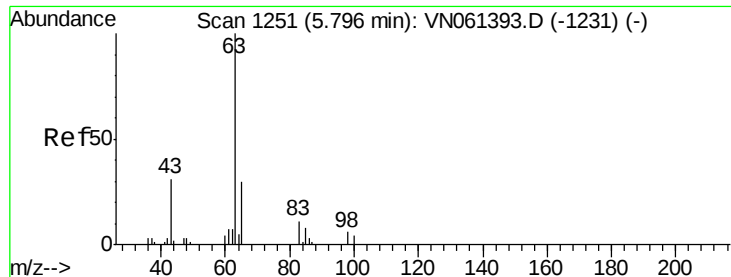
Tot Ion: 96 Resp: 6393
Ion Ratio Lower Upper
96 100
61 135.6 131.8 197.6
98 57.1 52.6 79.0



#20
Diisopropyl ether
Concen: 6.004 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 45 Resp: 24538
Ion Ratio Lower Upper
45 100
43 59.7 54.7 82.1
87 22.2 21.5 32.3
59 9.6 8.7 13.1





#21

1,1-Dichloroethane

Concen: 5.625 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

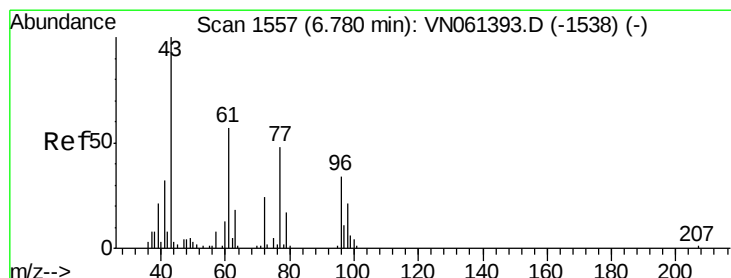
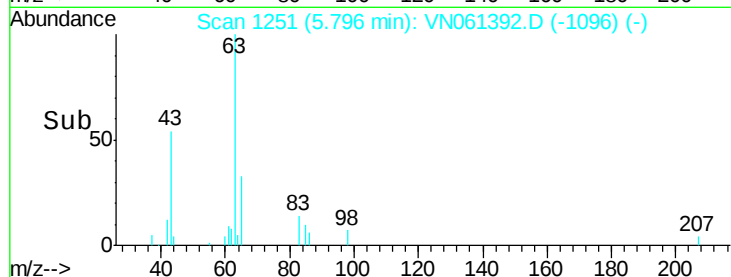
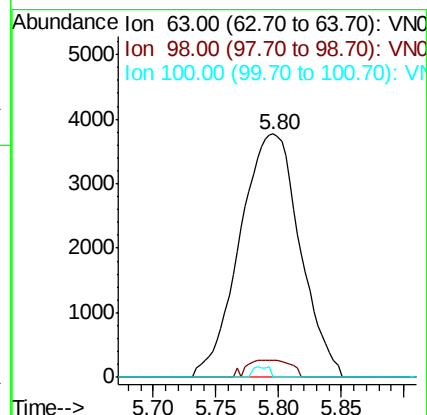
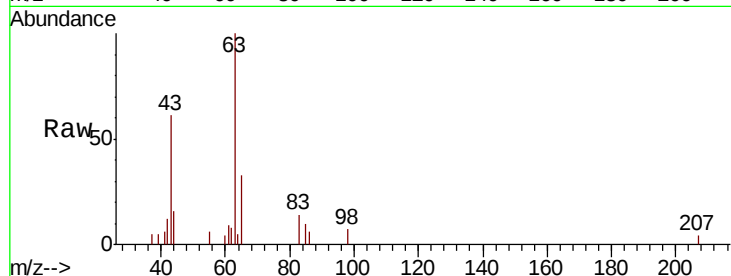
Tot Ion: 63 Resp: 12552

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.6

100 0.0 1.8 5.5#



#22

cis-1,2-Dichloroethene

Concen: 2.582 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

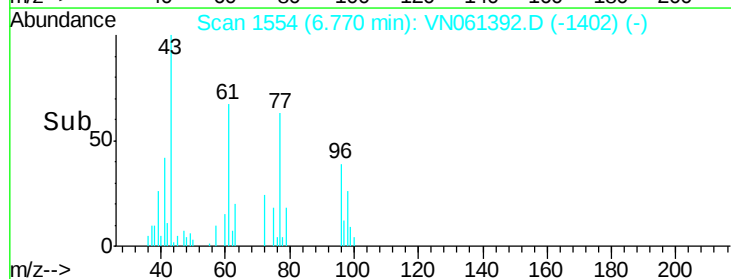
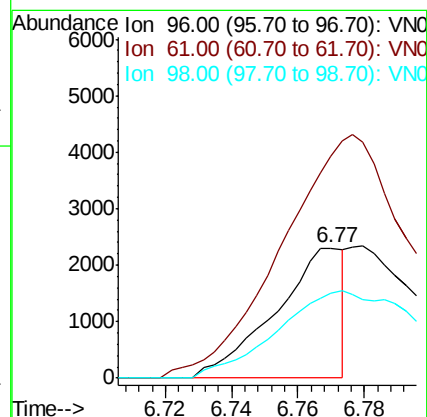
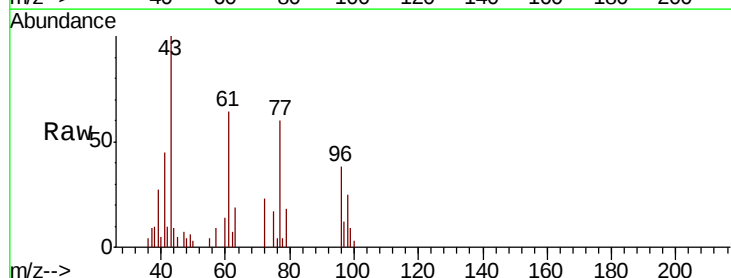
Tgt Ion: 96 Resp: 3305

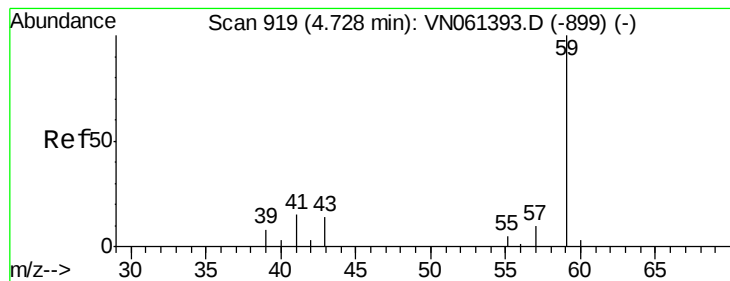
Ion Ratio Lower Upper

96 100

61 365.0 127.2 190.8#

98 91.5 50.5 75.7#



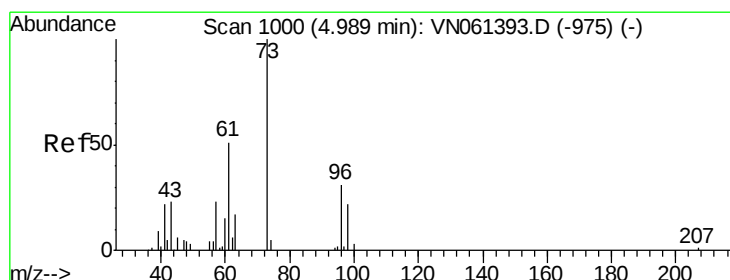
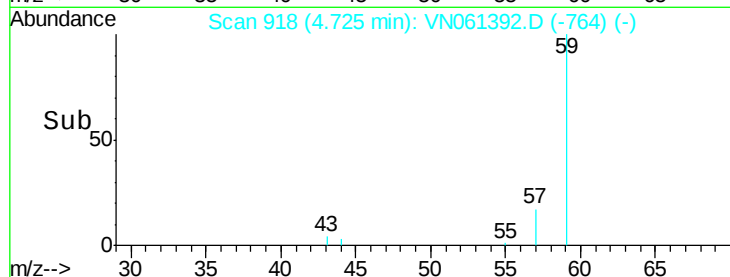
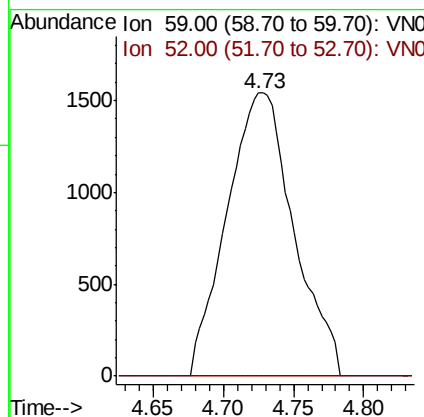
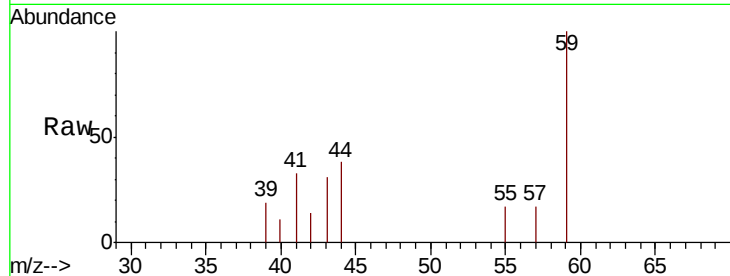


#23

tert-Butyl Alcohol
 Concen: 21.353 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Instrument :
 MSVOA_N
 ClientSampled :

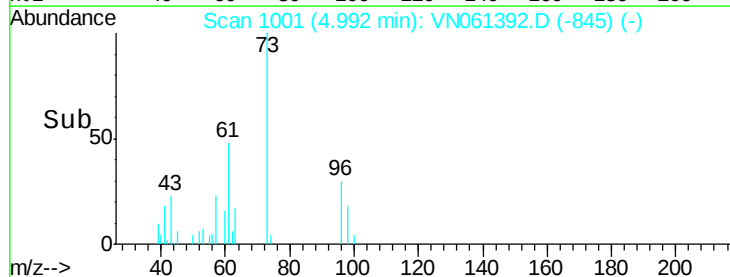
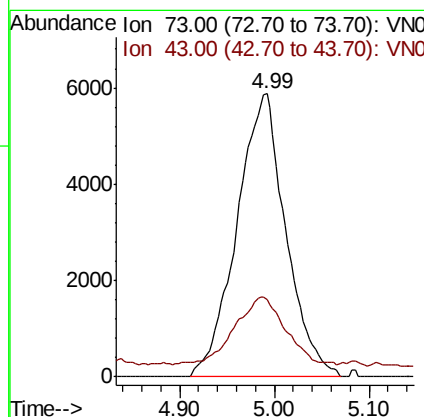
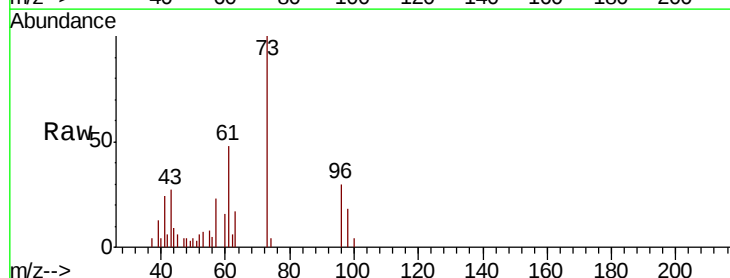
Tot Ion: 59 Resp: 5111
 Ion Ratio Lower Upper
 59 100
 52 235.5 0.0 0.0#

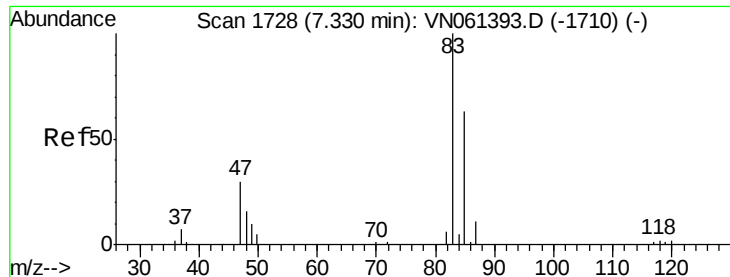


#24

Methyl tert-Butyl Ether
 Concen: 5.730 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 73 Resp: 21168
 Ion Ratio Lower Upper
 73 100
 43 22.6 17.9 26.9

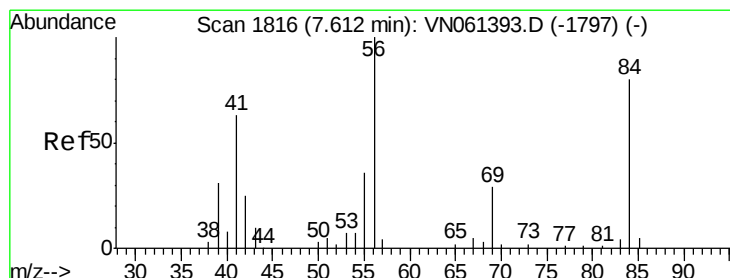
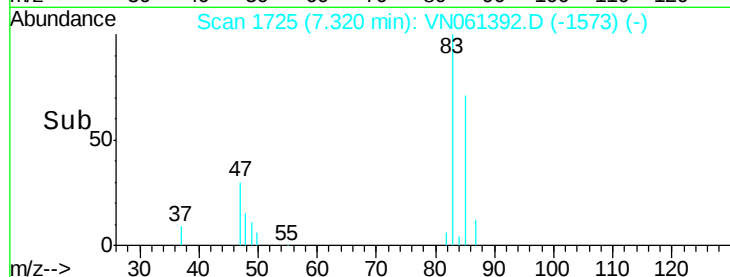
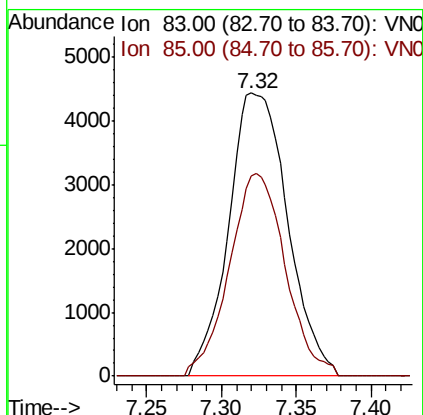
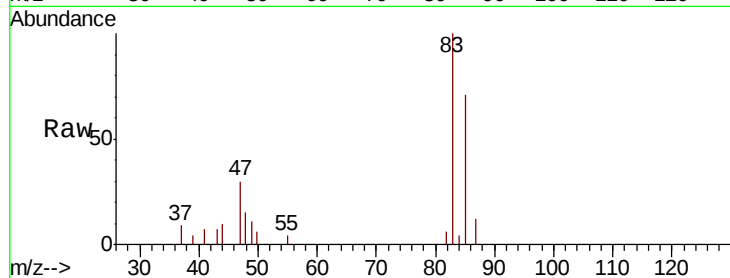




#25
Chloroform
Concen: 5.529 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

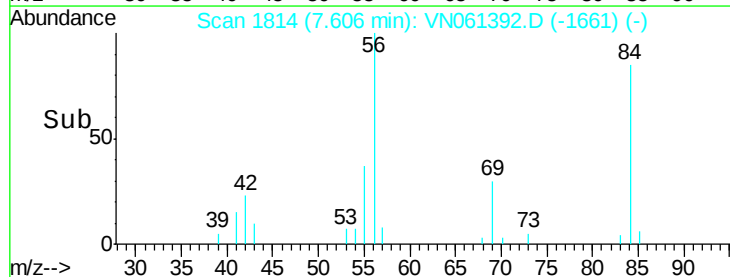
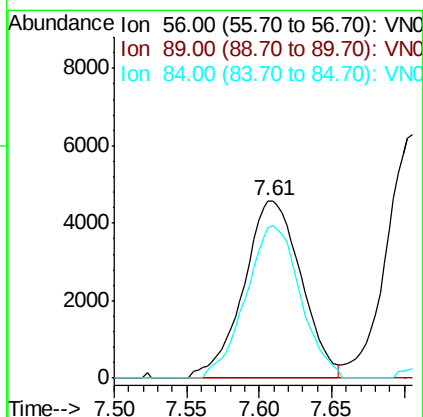
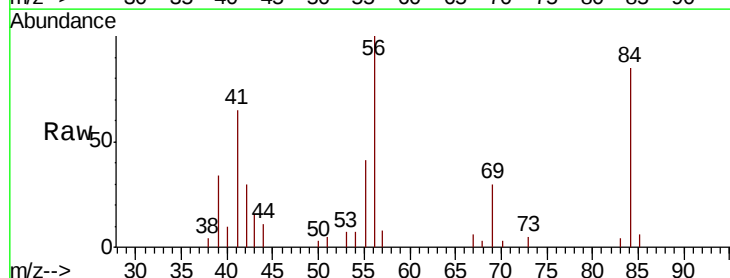
Instrument :
MSVOA_N
ClientSampleId :

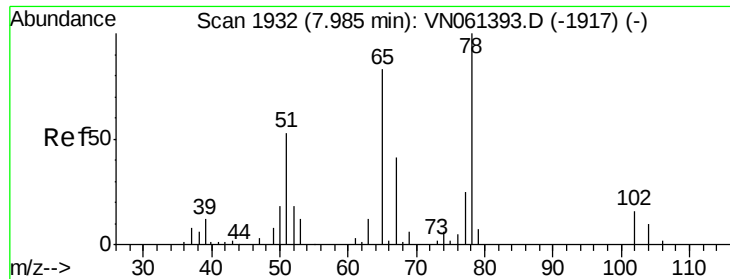
Tot Ion: 83 Resp: 12194
Ion Ratio Lower Upper
83 100
85 70.9 53.8 80.8



#26
Cyclohexane
Concen: 6.307 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 56 Resp: 12632
Ion Ratio Lower Upper
56 100
89 0.0 6.2 9.2#
84 81.3 65.6 98.4

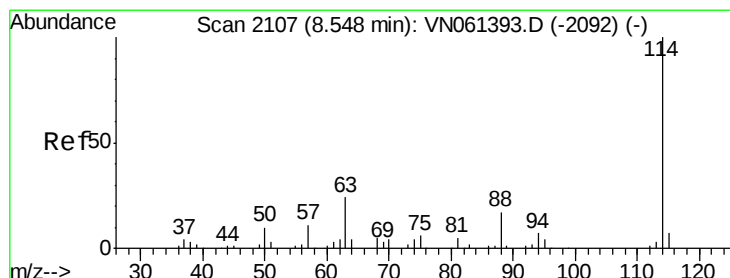
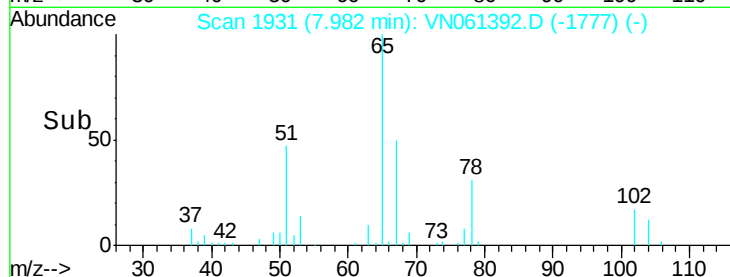
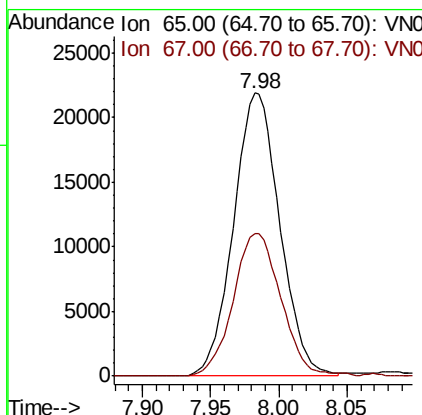
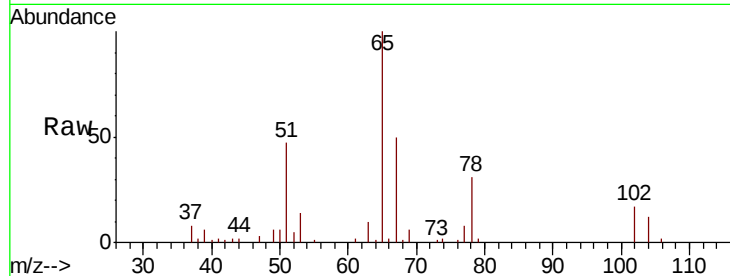




#27
 1,2-Dichloroethane-d4
 Concen: 32.169 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

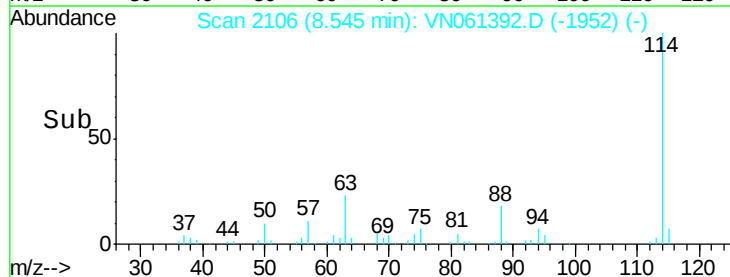
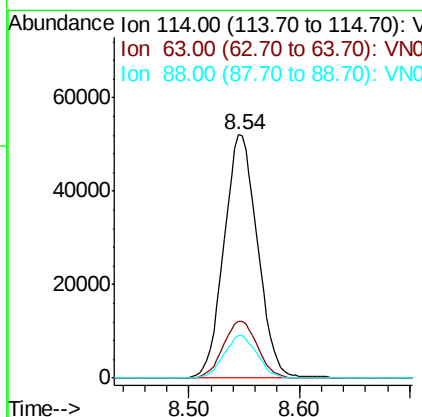
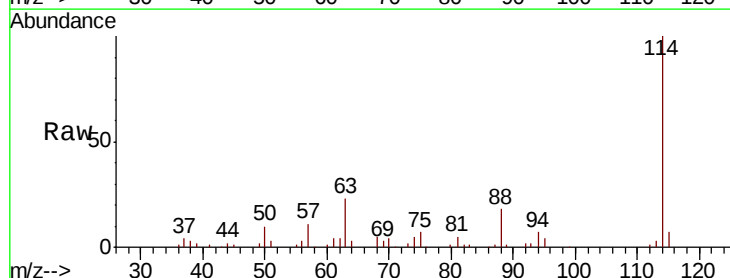
Instrument :
 MSVOA_N
 ClientSampleId :

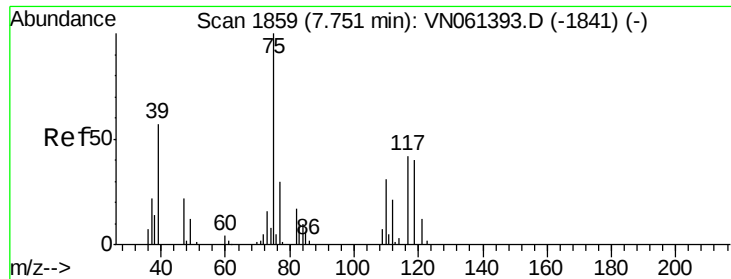
Tot Ion: 65 Resp: 51479
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 114 Resp: 109909
 Ion Ratio Lower Upper
 114 100
 63 23.8 18.1 27.1
 88 17.1 13.0 19.4

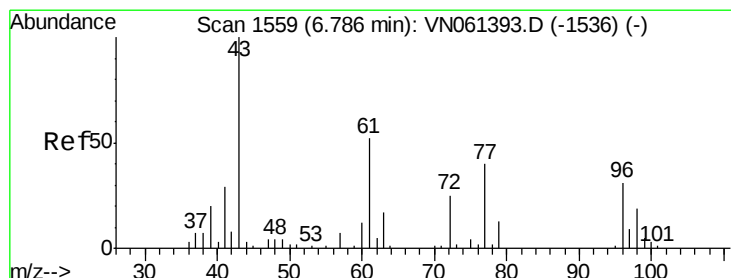
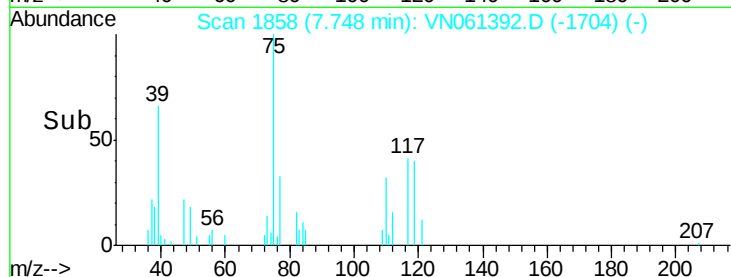
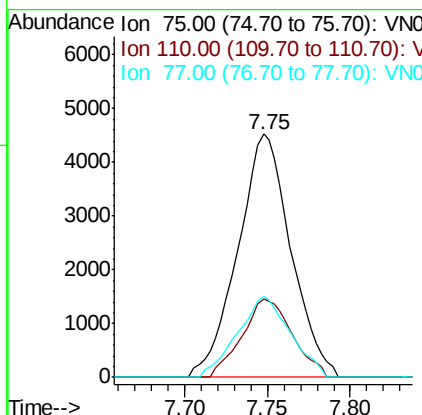
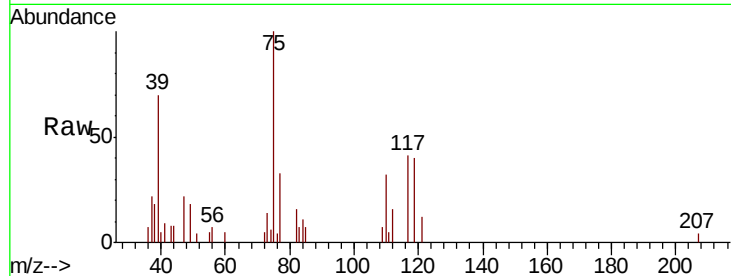




#29
 1,1-Dichloropropene
 Concen: 5.700 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

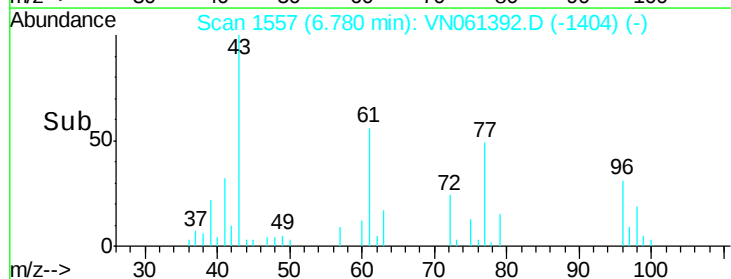
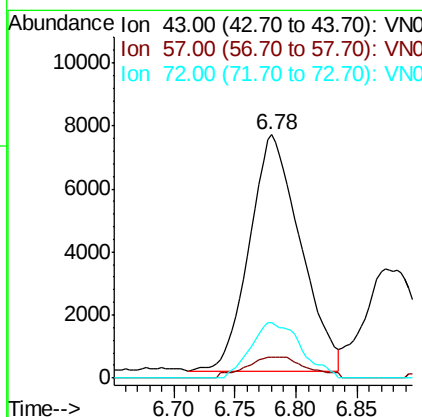
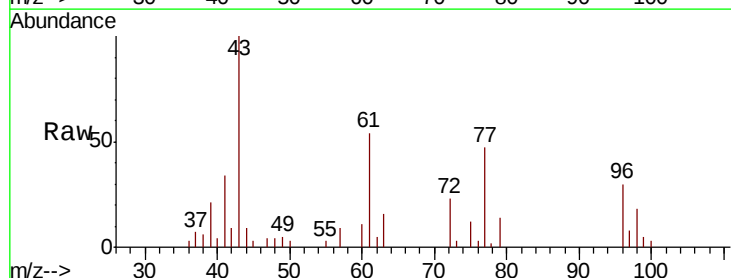
Instrument :
 MSVOA_N
 ClientSampleId :

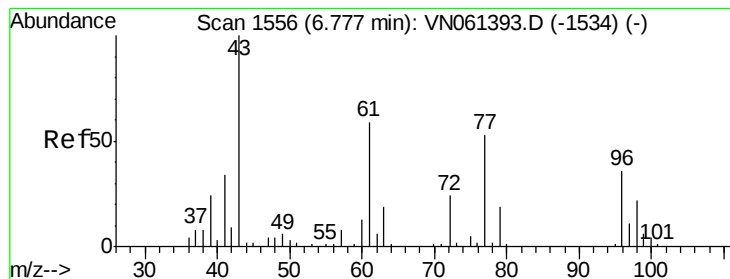
Tot Ion	75	Resp	10040
Ion Ratio	Lower	Upper	
75	100		
110	30.4	0.0	64.6
77	33.1	0.0	60.8



#30
 2-Butanone
 Concen: 22.709 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion	43	Resp	21577
Ion Ratio	Lower	Upper	
43	100		
57	3.0	6.5	9.7#
72	23.4	20.1	30.1





#31

2,2-Dichloropropane

Concen: 5.868 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

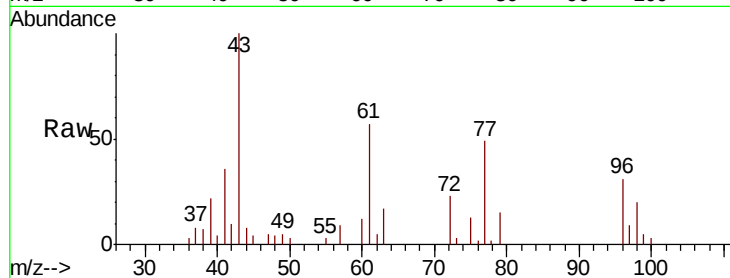
ClientSampled :

Tot Ion: 77 Resp: 12209

Ion Ratio Lower Upper

77 100

97 20.4 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

4000

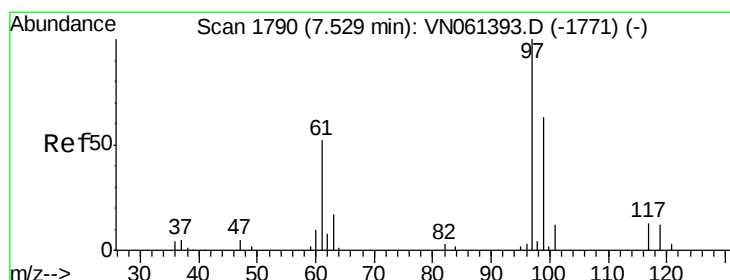
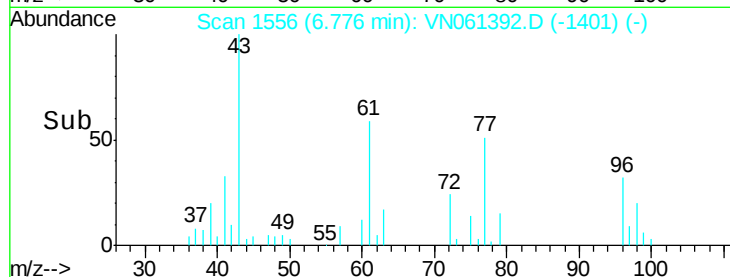
3000

2000

1000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#32

1,1,1-Trichloroethane

Concen: 5.534 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

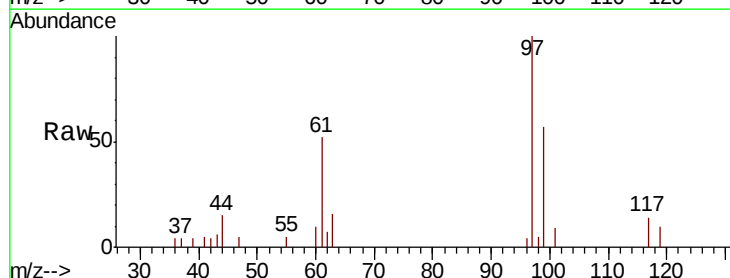
Tgt Ion: 97 Resp: 11115

Ion Ratio Lower Upper

97 100

99 59.2 51.3 76.9

61 50.0 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

7.53

5000

4000

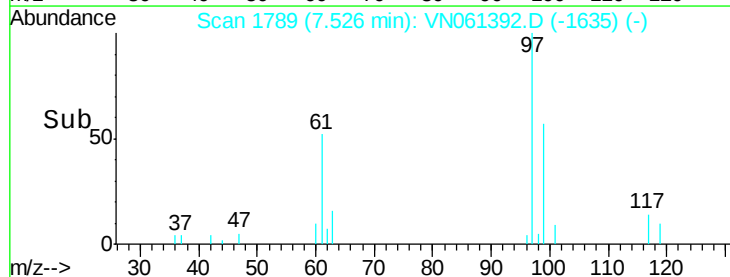
3000

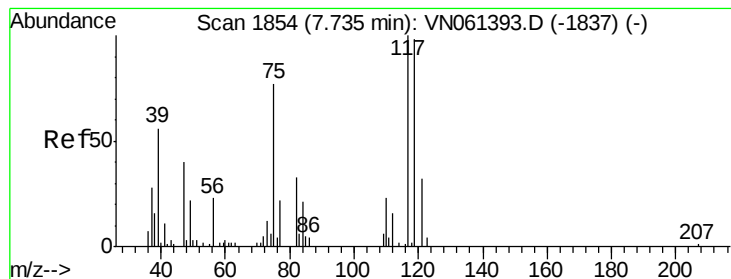
2000

1000

0

Time--> 7.45 7.50 7.55 7.60





#33

Carbon Tetrachloride

Concen: 4.722 ug/l

RT: 7.73 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

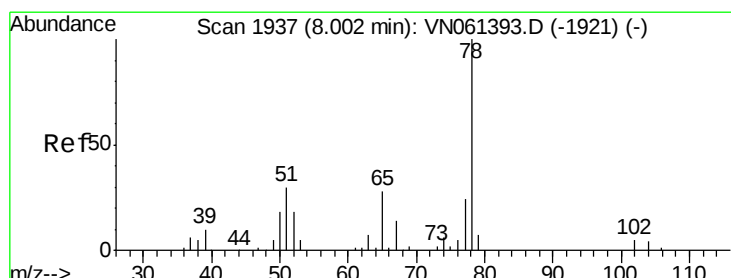
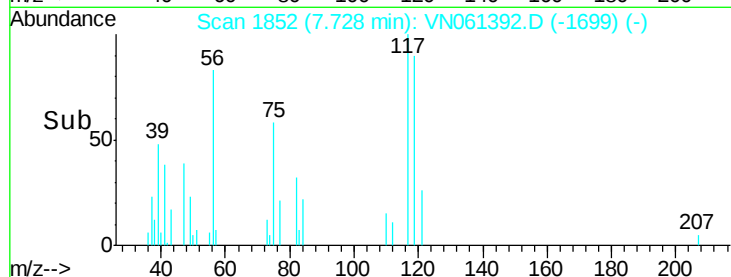
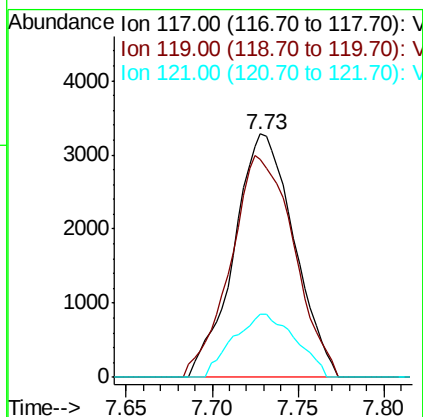
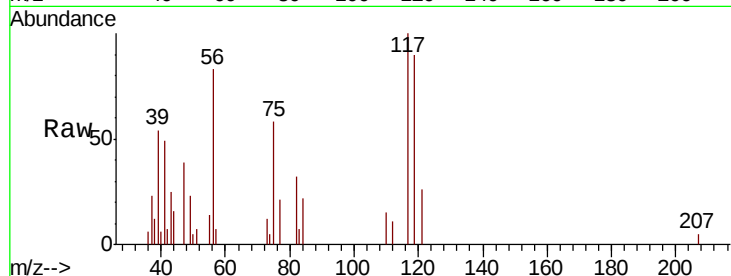
Tot Ion:117 Resp: 7991

Ion Ratio Lower Upper

117 100

119 89.8 76.9 115.3

121 26.0 23.8 35.8



#34

Benzene

Concen: 5.386 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

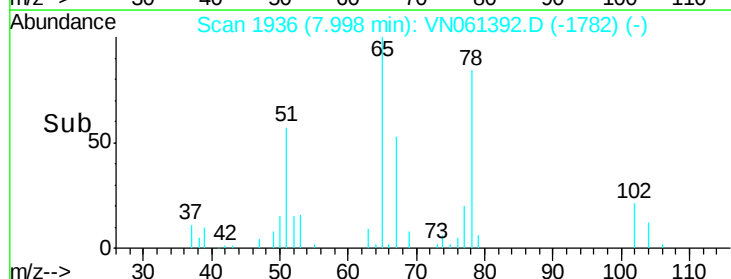
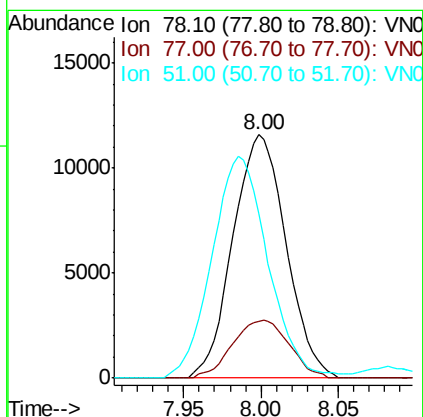
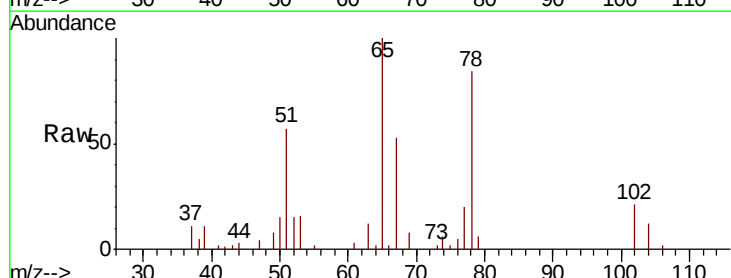
Tgt Ion: 78 Resp: 27697

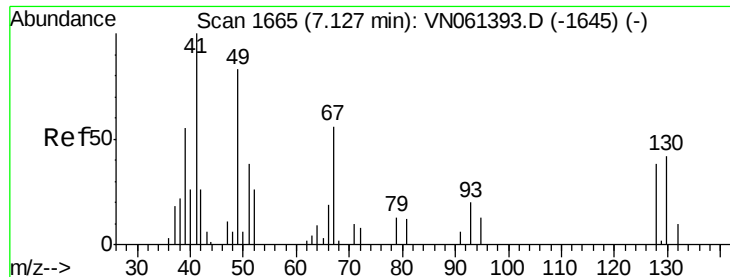
Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8

51 65.8 22.1 33.1#

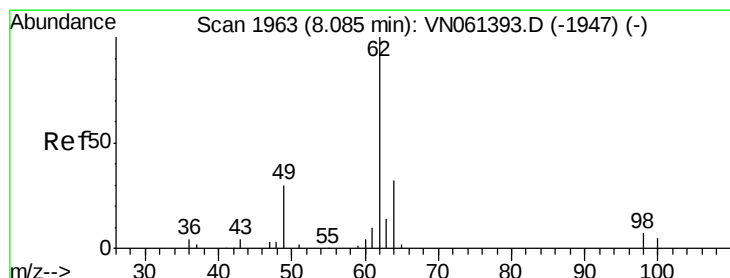
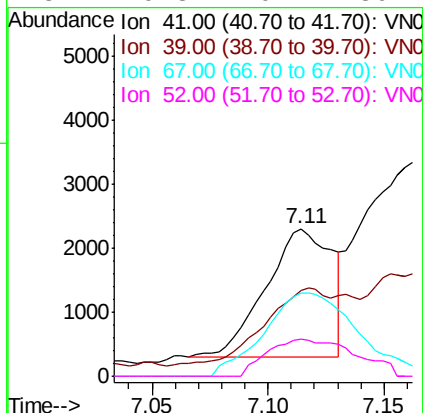
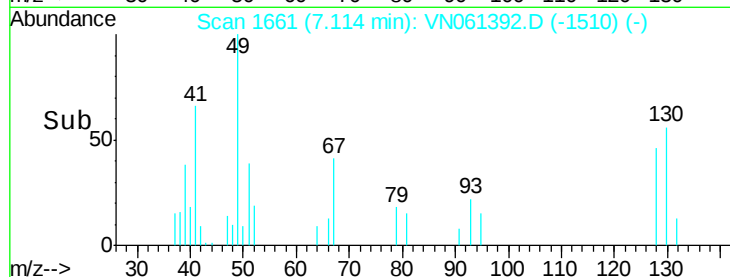
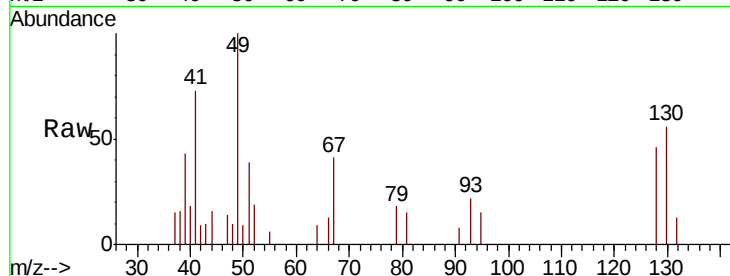




#35
Methacrylonitrile
Concen: 4.466 ug/l
RT: 7.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

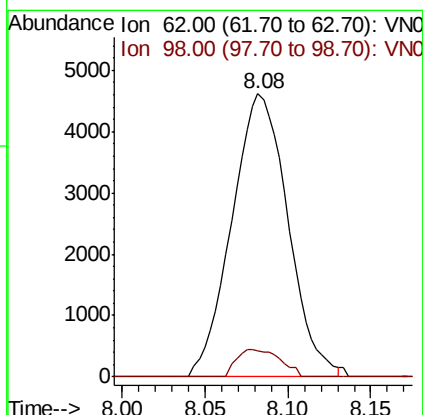
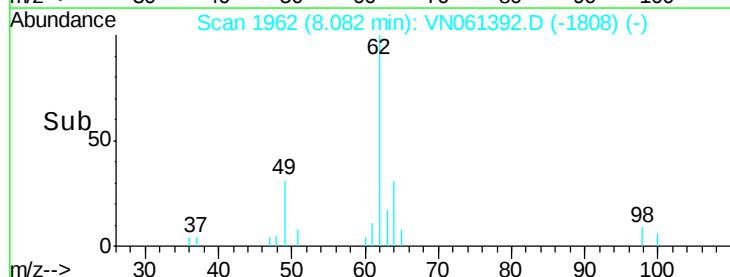
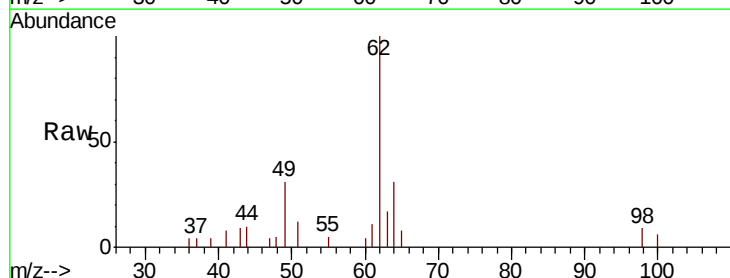
Instrument :
MSVOA_N
ClientSampled :

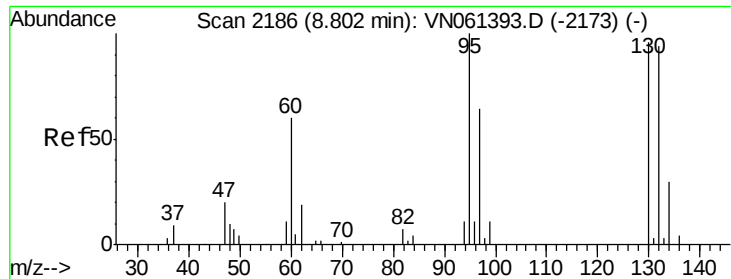
Tot Ion: 41 Resp: 3979
Ion Ratio Lower Upper
41 100
39 57.1 25.8 77.4
67 64.9 23.0 69.0
52 29.3 10.1 30.1



#36
1,2-Dichloroethane
Concen: 5.519 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 62 Resp: 10848
Ion Ratio Lower Upper
62 100
98 7.4 6.4 9.6

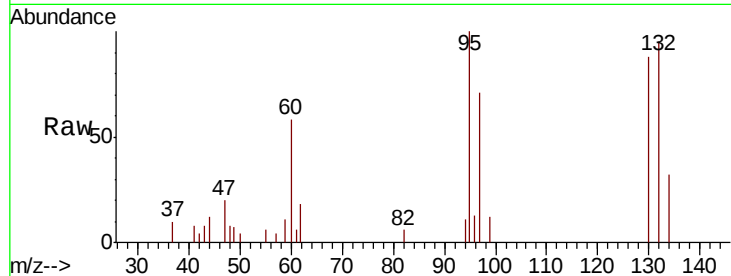




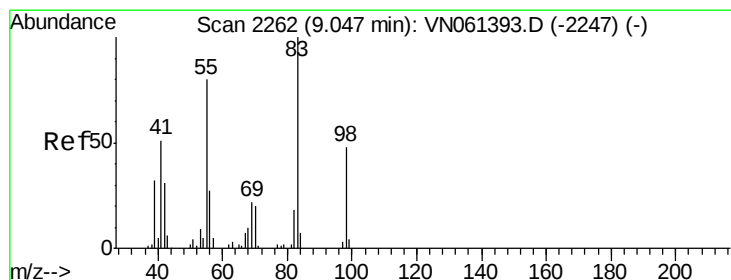
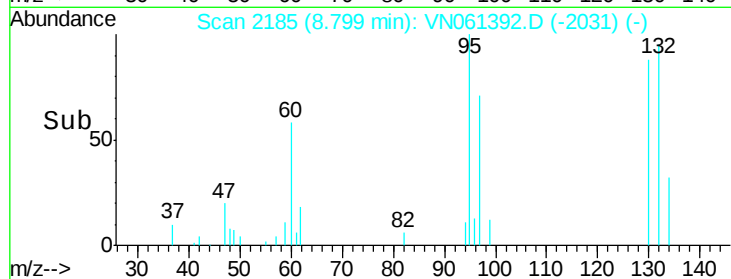
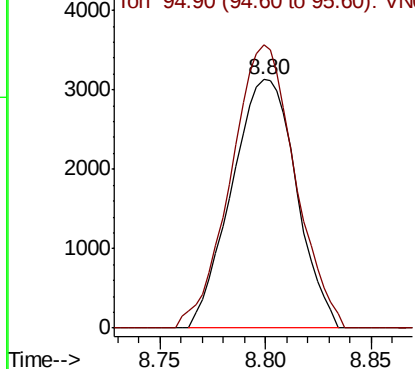
#37
 Trichloroethene
 Concen: 5.299 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 6662
 Ion Ratio Lower Upper
 130 100
 95 108.0 83.2 124.8

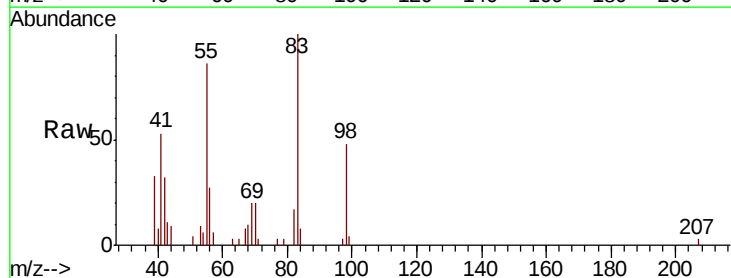


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

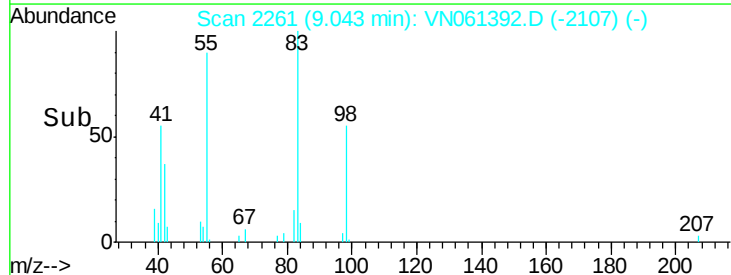
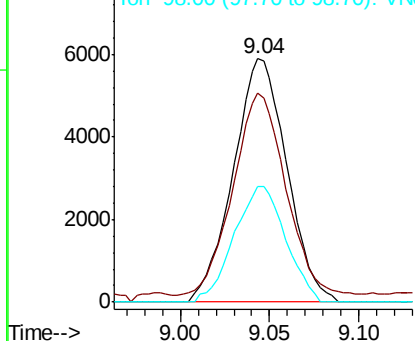


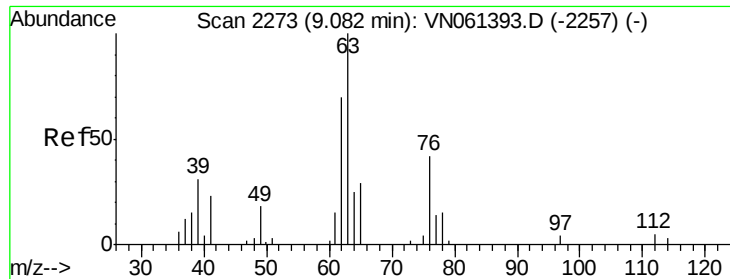
#38
 Methylcyclohexane
 Concen: 5.983 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 83 Resp: 12341
 Ion Ratio Lower Upper
 83 100
 55 82.2 40.4 121.1
 98 45.8 21.6 65.0



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

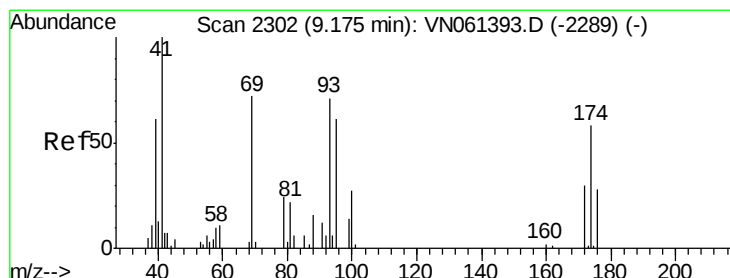
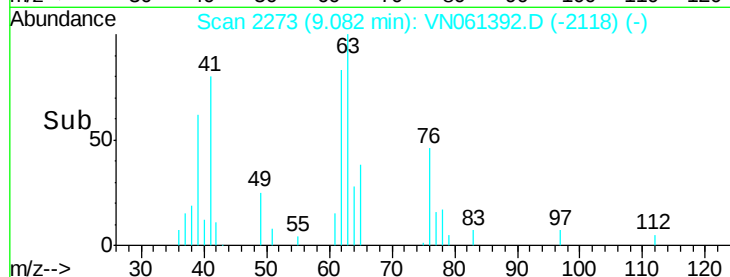
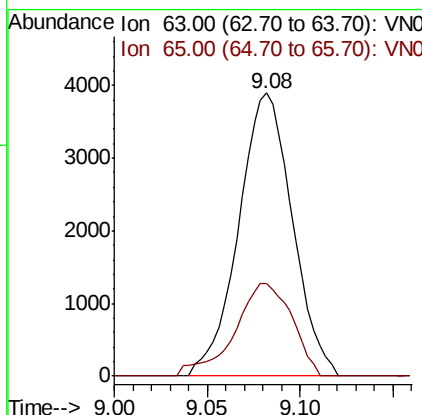
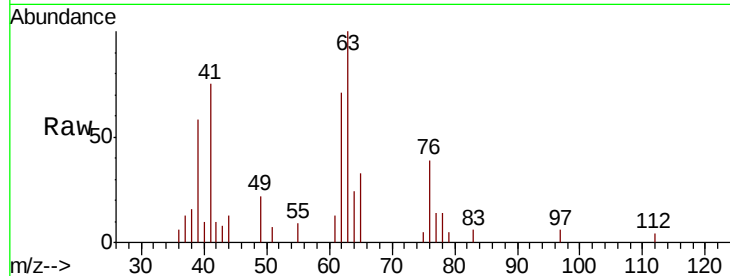




#39
 1,2-Dichloropropane
 Concen: 5.604 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

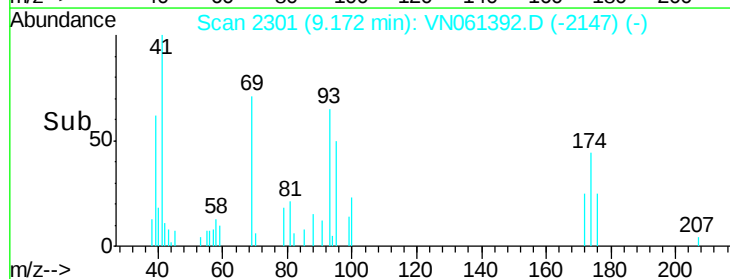
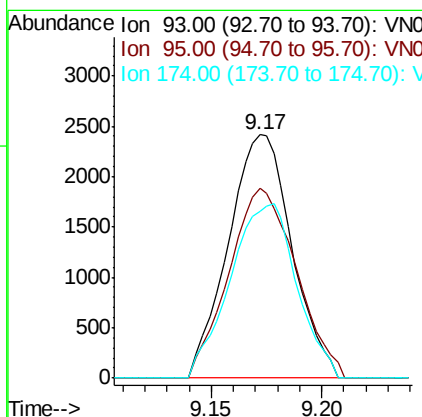
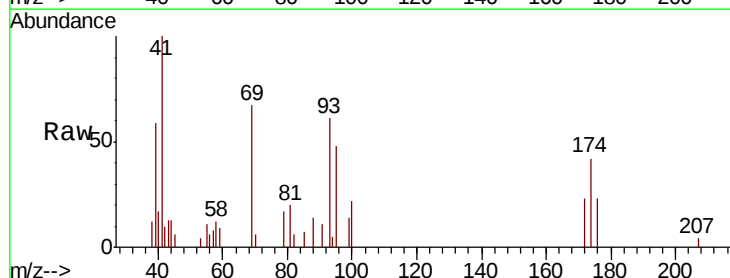
Instrument :
 MSVOA_N
 ClientSampled :

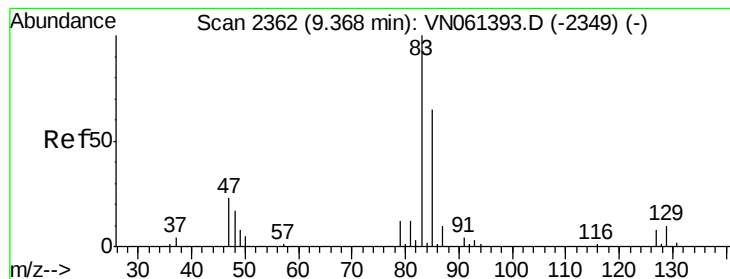
Tot Ion: 63 Resp: 7882
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.8 35.6



#40
 Dibromomethane
 Concen: 5.503 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 93 Resp: 4830
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 167.6
 174 74.9 0.0 187.2





#41

Bromodichloromethane

Concen: 5.533 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

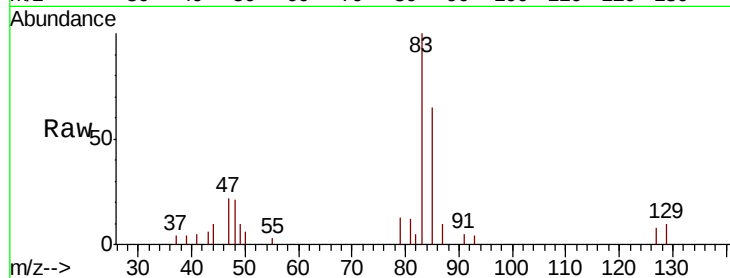
Tot Ion: 83 Resp: 10103

Ion Ratio Lower Upper

83 100

85 65.3 51.0 76.4

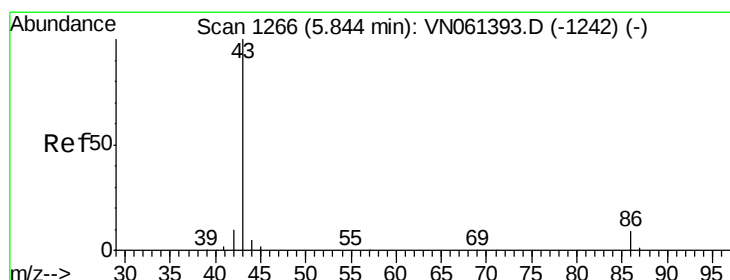
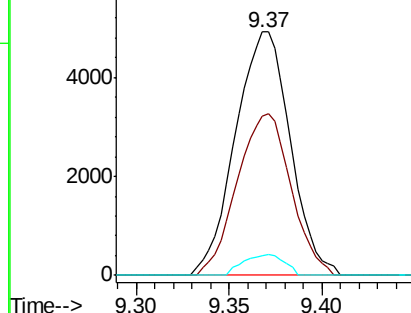
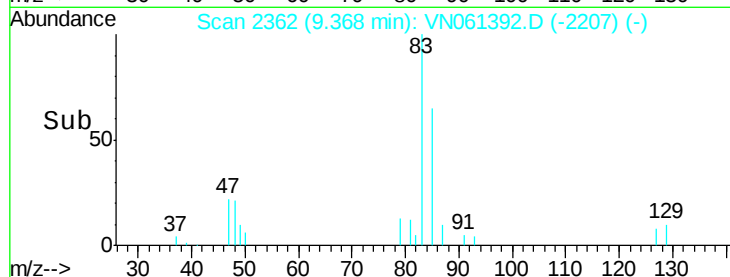
127 8.1 6.6 9.8



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: 28.581 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN061392.D

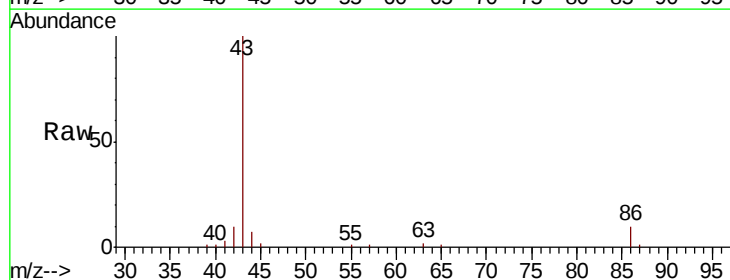
Acq: 14 May 2020 14:14

Tgt Ion: 43 Resp: 99168

Ion Ratio Lower Upper

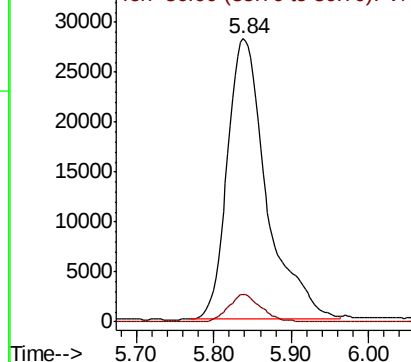
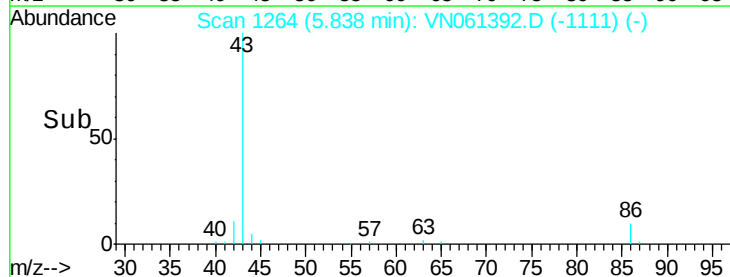
43 100

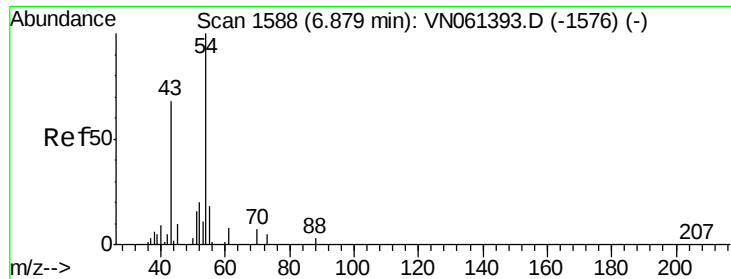
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 1.710 ug/l

RT: 6.87 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

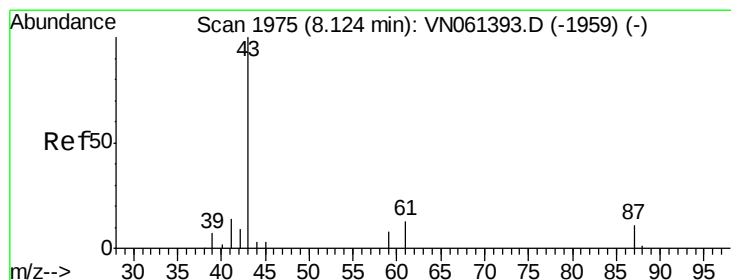
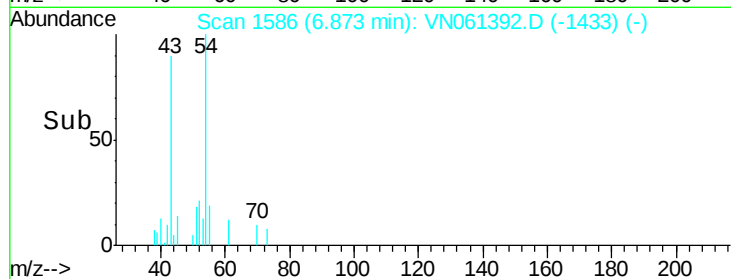
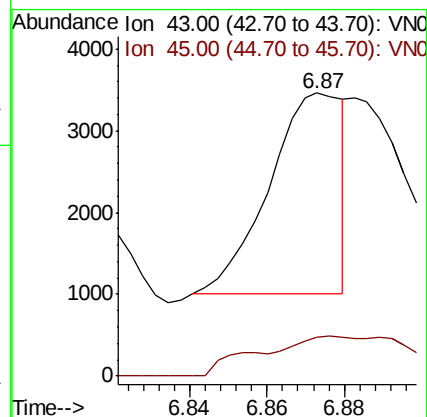
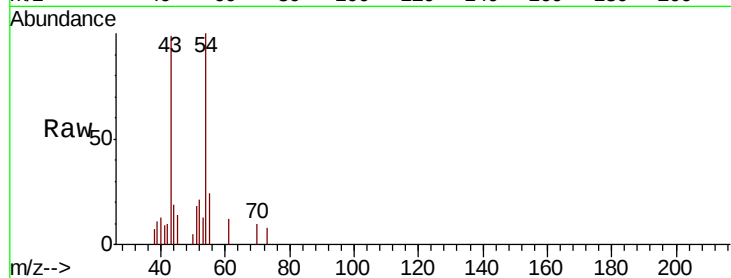
ClientSampleId :

Tot Ion: 43 Resp: 3250

Ion Ratio Lower Upper

43 100

45 8.2 9.7 14.5#



#44

Isopropyl Acetate

Concen: 5.584 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.00 min

Lab File: VN061392.D

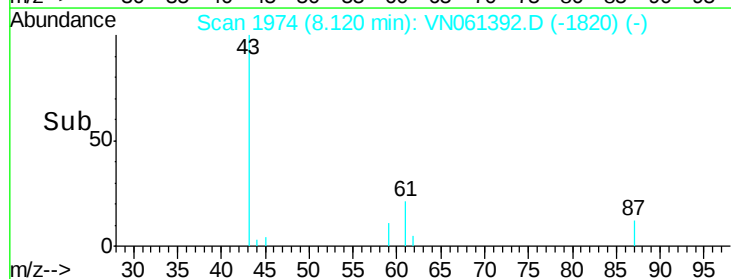
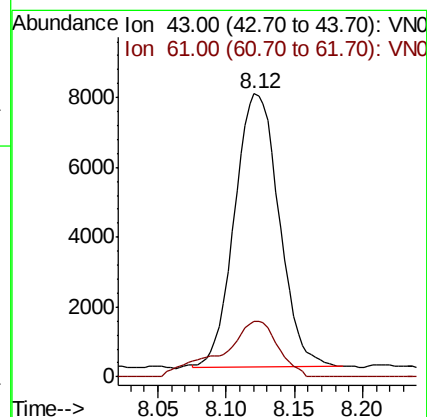
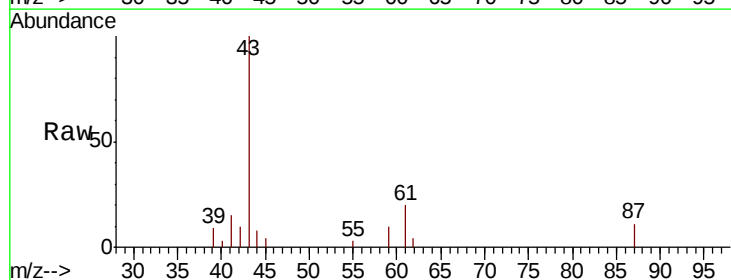
Acq: 14 May 2020 14:14

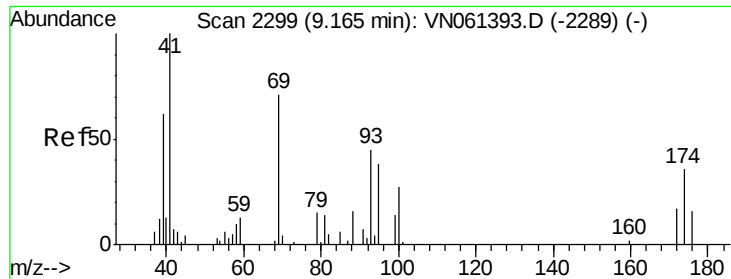
Tgt Ion: 43 Resp: 17691

Ion Ratio Lower Upper

43 100

61 25.9 19.9 29.9

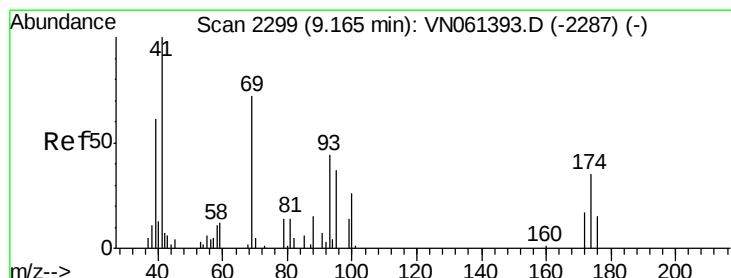
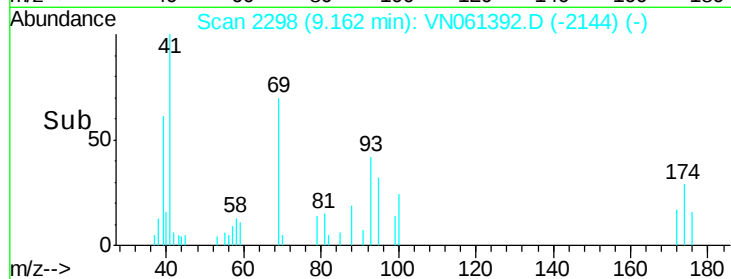
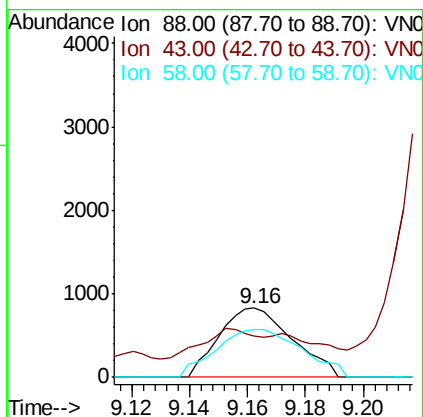
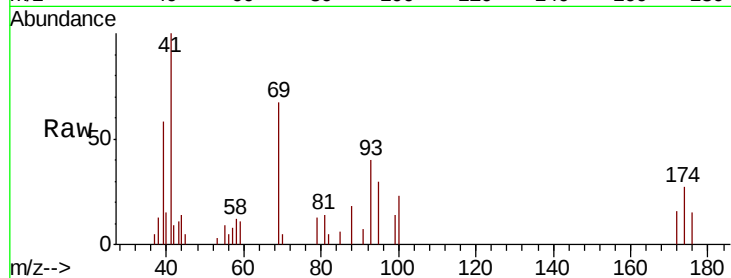




#45
 1,4-Dioxane
 Concen: 66.672 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

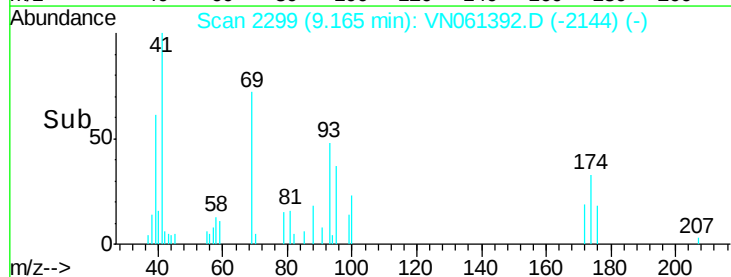
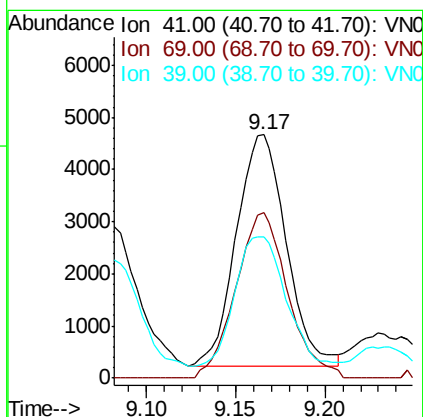
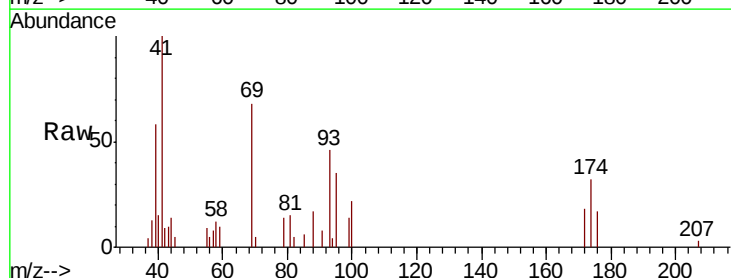
Instrument :
 MSVOA_N
 ClientSampled :

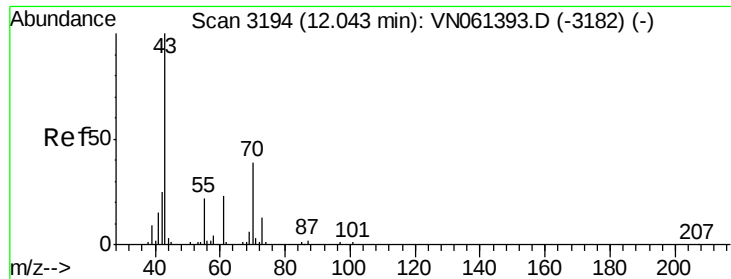
Tot Ion: 88 Resp: 1451
 Ion Ratio Lower Upper
 88 100
 43 33.0 29.8 44.8
 58 81.7 58.2 87.4



#46
 Methyl methacrylate
 Concen: 5.910 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 41 Resp: 8659
 Ion Ratio Lower Upper
 41 100
 69 71.7 40.2 120.5
 39 55.5 29.9 89.8

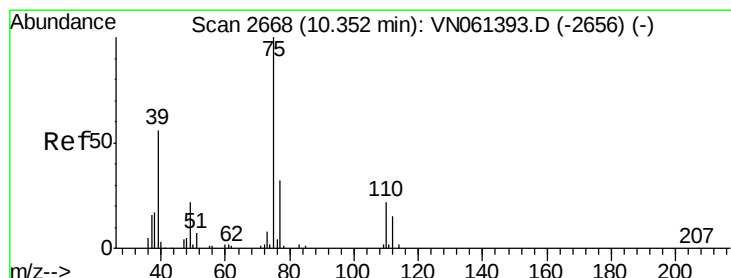
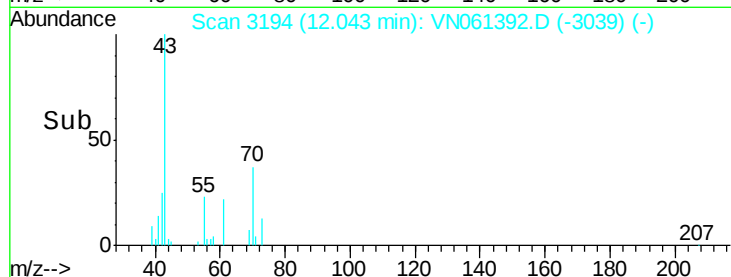
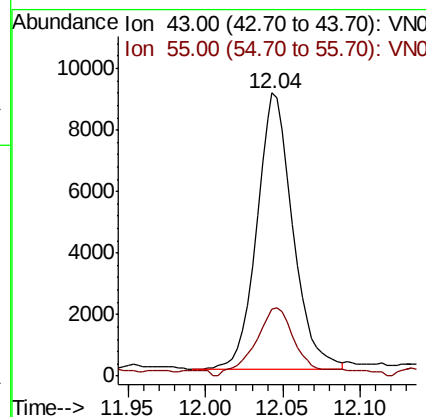
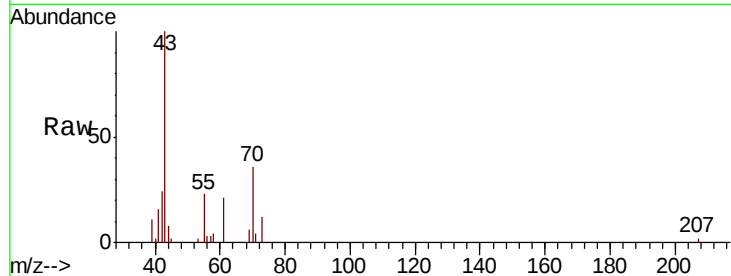




#47
n-amvl Acetate
Concen: 5.166 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

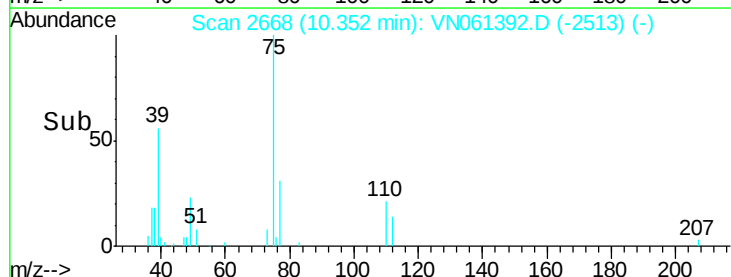
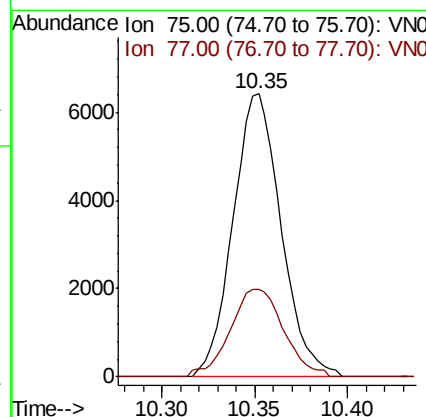
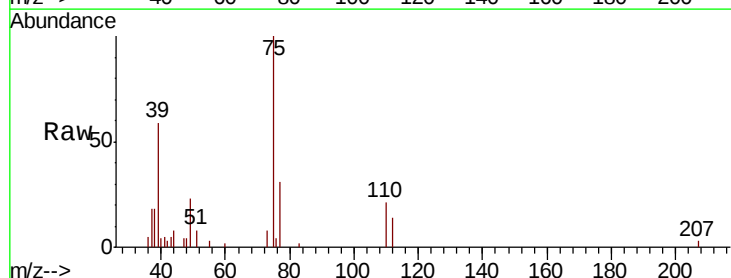
Instrument :
MSVOA_N
ClientSampled :

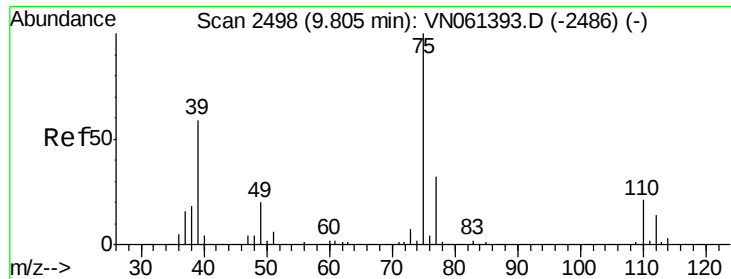
Tot Ion: 43 Resp: 14529
Ion Ratio Lower Upper
43 100
55 28.9 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 5.421 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 75 Resp: 11561
Ion Ratio Lower Upper
75 100
77 31.0 27.0 40.4



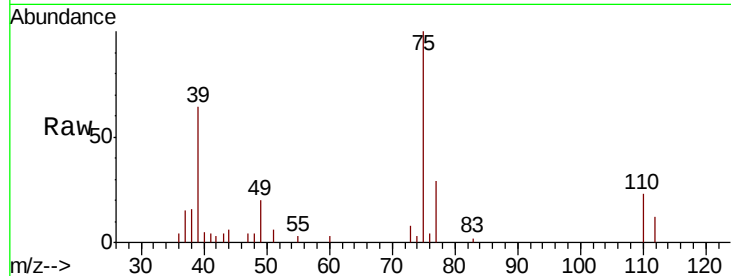


#49

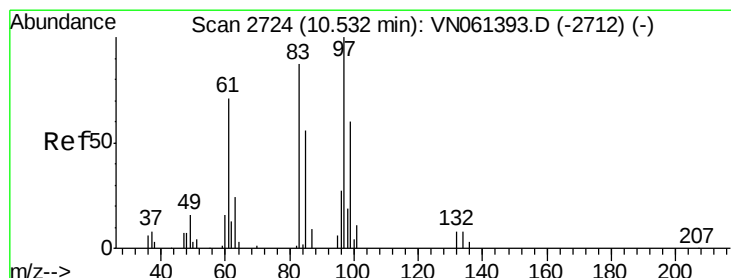
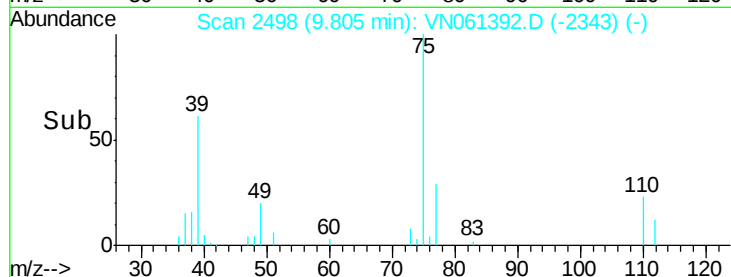
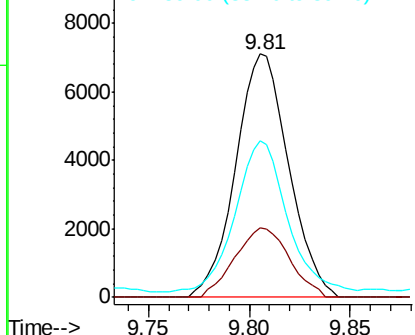
cis-1,3-Dichloropropene
 Concen: 5.849 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 13053
 Ion Ratio Lower Upper
 75 100
 77 28.8 26.1 39.1
 39 60.5 43.1 64.7



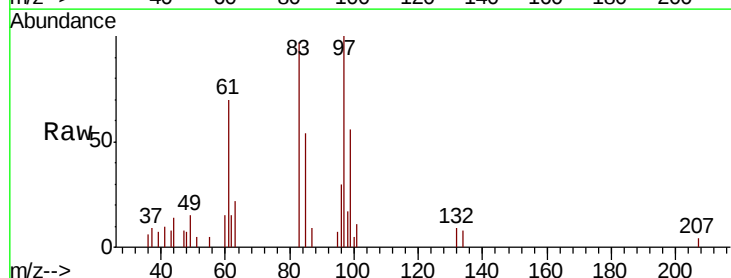
Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0



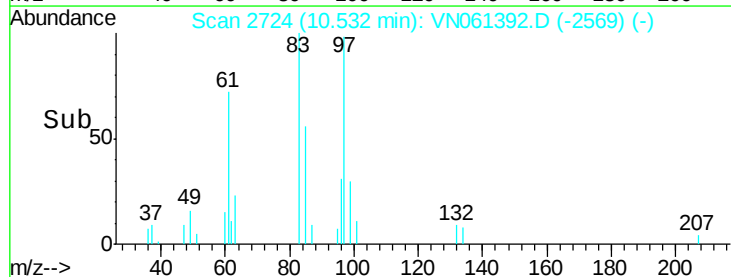
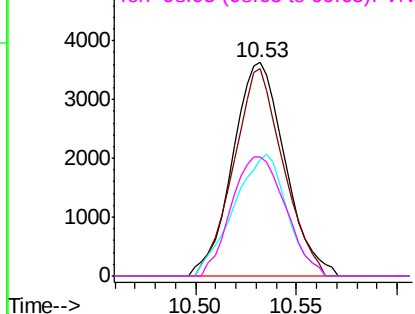
#50

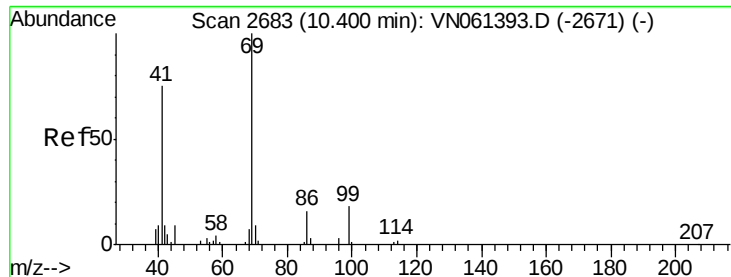
1,1,2-Trichloroethane
 Concen: 5.285 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 97 Resp: 6587
 Ion Ratio Lower Upper
 97 100
 83 97.2 70.7 106.1
 85 54.4 45.1 67.7
 99 55.8 48.2 72.4



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





#51

Ethyl methacrylate

Concen: 5.335 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

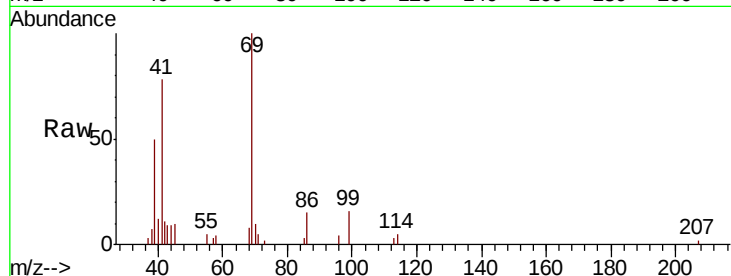
Tot Ion: 69 Resp: 10896

Ion Ratio Lower Upper

69 100

41 73.0 34.7 104.1

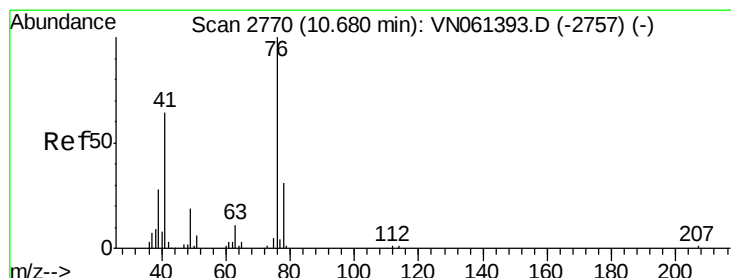
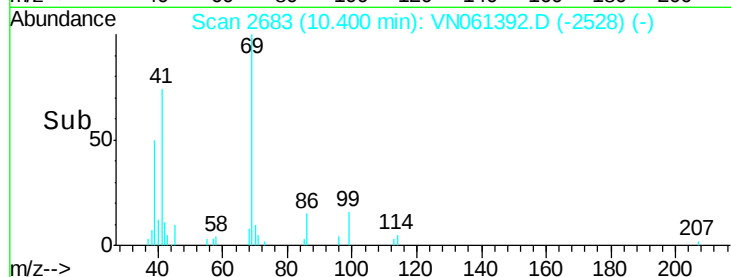
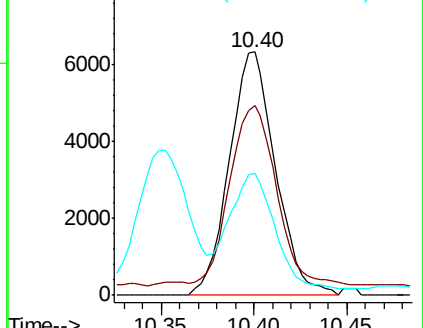
39 47.3 20.3 60.8



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

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

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



#52

1,3-Dichloropropane

Concen: 5.113 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061392.D

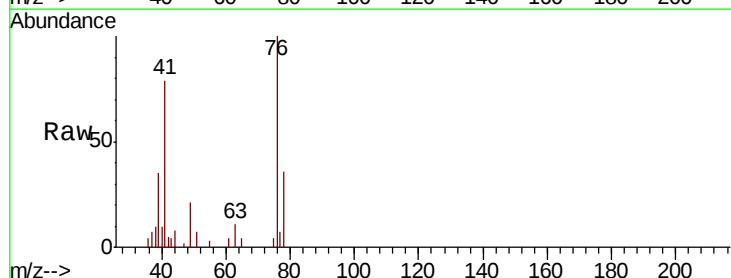
Acq: 14 May 2020 14:14

Tgt Ion: 76 Resp: 11504

Ion Ratio Lower Upper

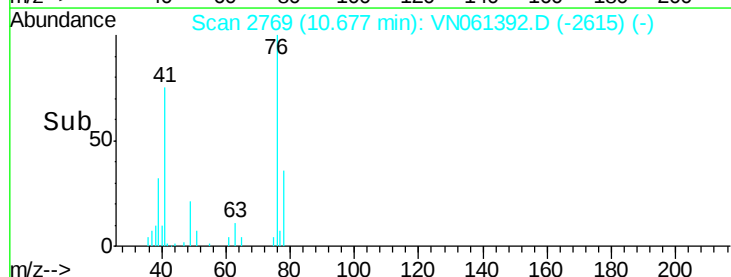
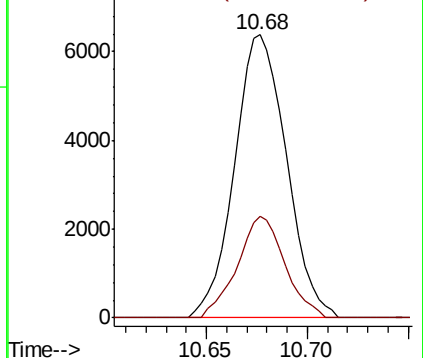
76 100

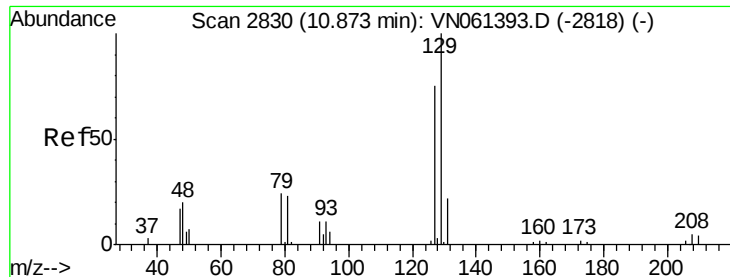
78 32.8 0.0 63.2



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

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





#53

Dibromochloromethane

Concen: 4.969 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

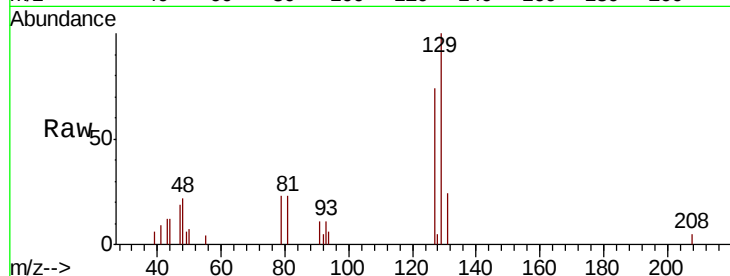
ClientSampleId :

Tot Ion:129 Resp: 6698

Ion Ratio Lower Upper

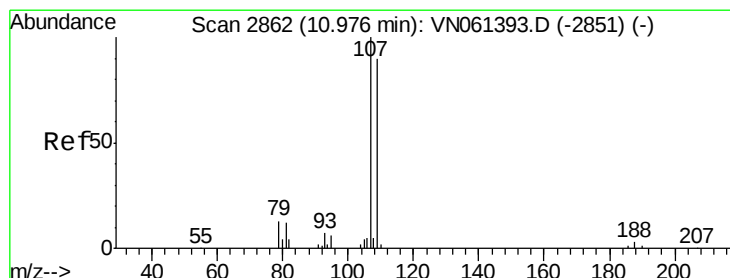
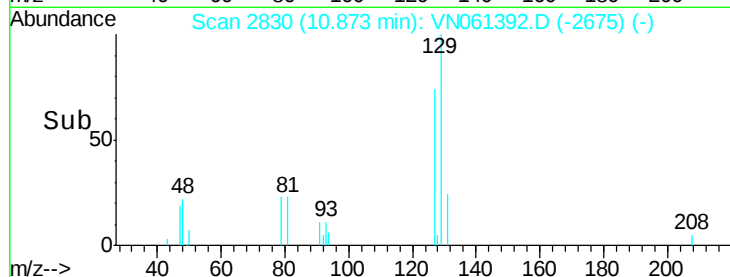
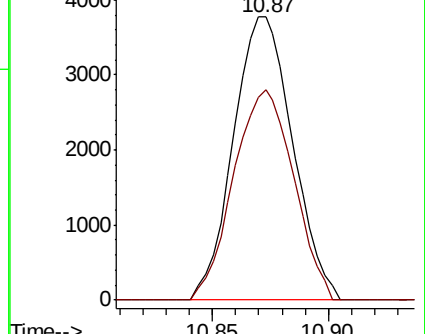
129 100

127 75.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.159 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061392.D

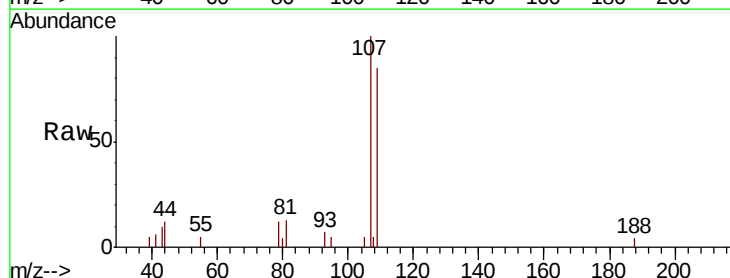
Acq: 14 May 2020 14:14

Tgt Ion:107 Resp: 6685

Ion Ratio Lower Upper

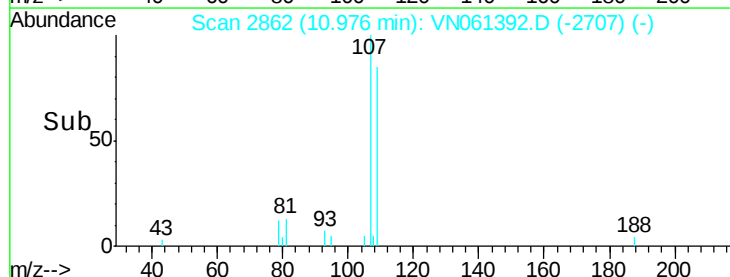
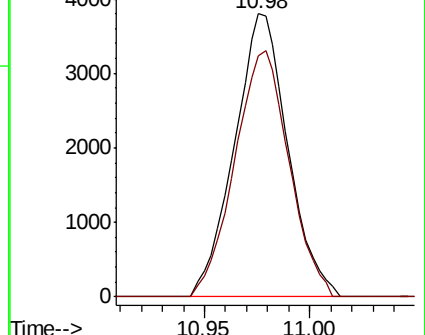
107 100

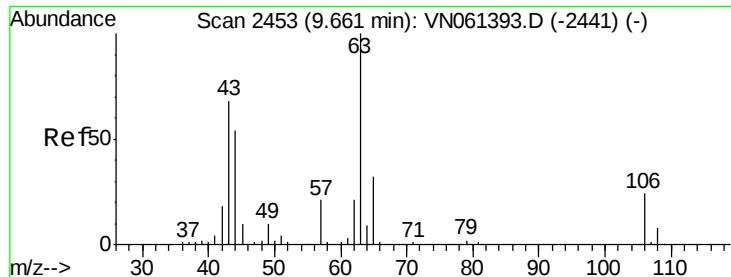
109 88.3 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

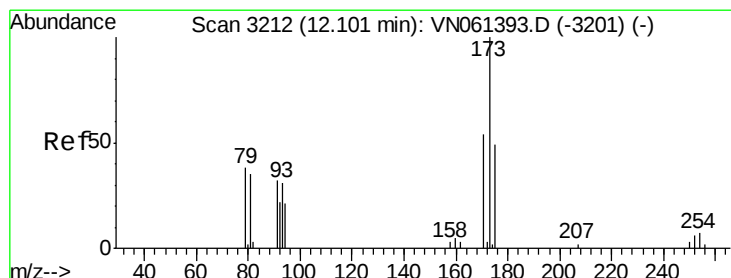
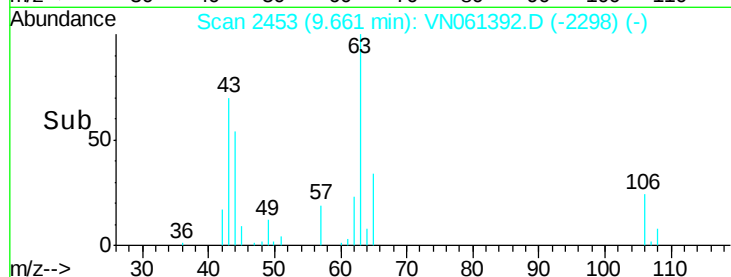
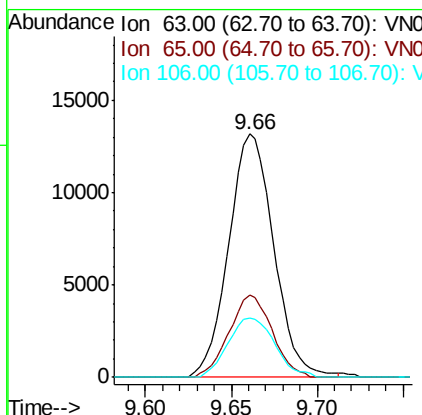
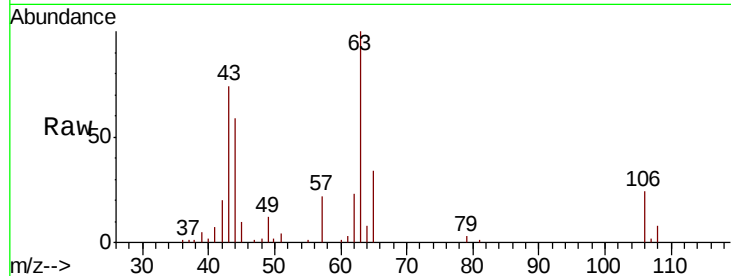




#55
2-Chloroethyl vinyl ether
Concen: 24.609 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

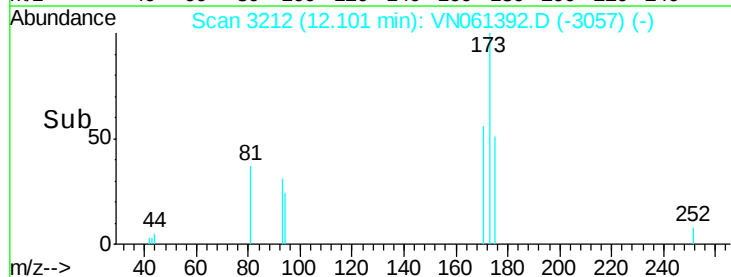
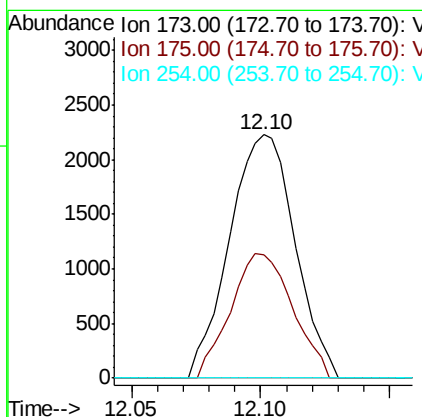
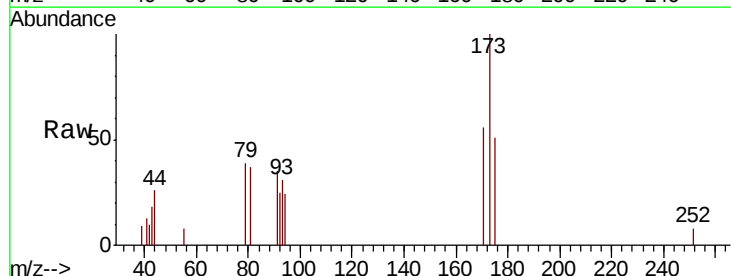
Instrument :
MSVOA_N
ClientSampleId :

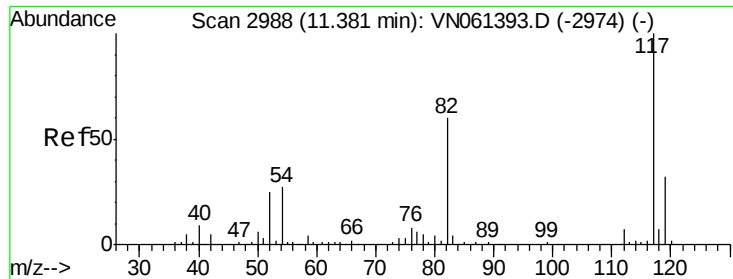
Tot Ion: 63 Resp: 23991
Ion Ratio Lower Upper
63 100
65 32.4 25.3 37.9
106 25.3 19.8 29.6



#56
Bromoform
Concen: 4.268 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 173 Resp: 3928
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 0.0 7.4 11.2#

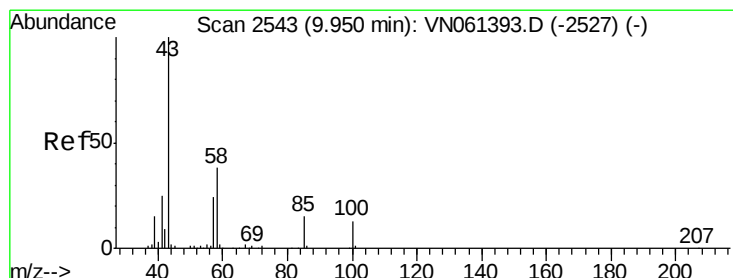
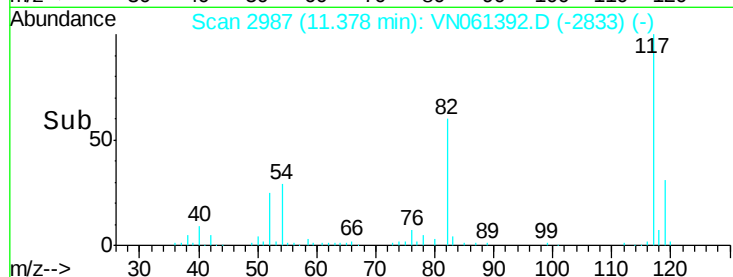
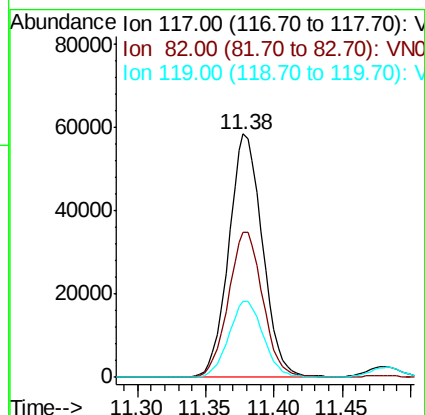
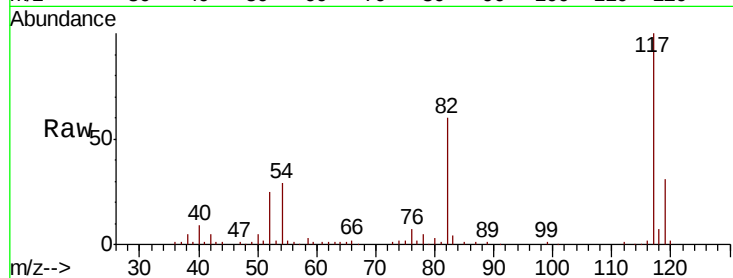




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

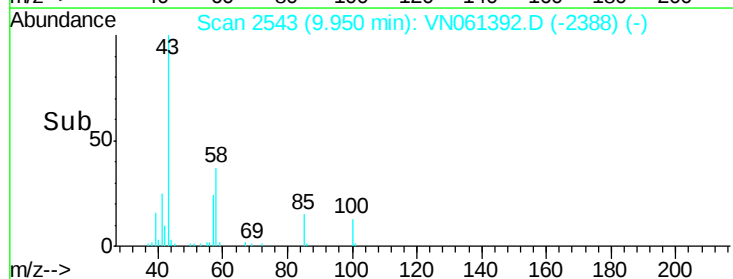
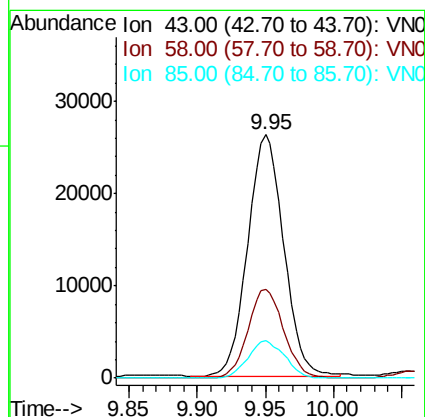
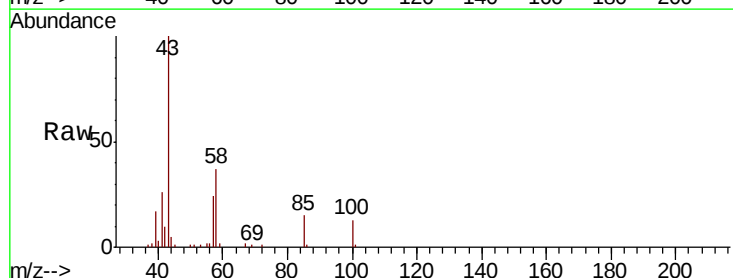
Instrument :
MSVOA_N
ClientSampled :

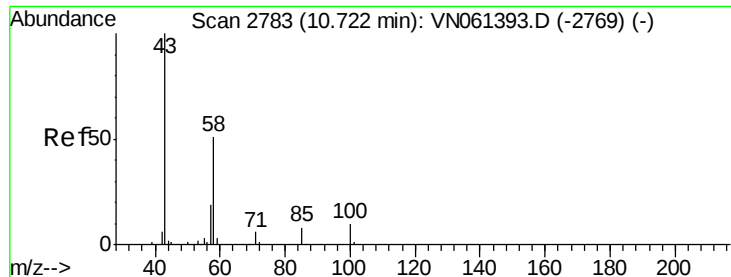
Tot Ion:117 Resp: 100223
Ion Ratio Lower Upper
117 100
82 60.9 46.9 70.3
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 26.647 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 43 Resp: 47985
Ion Ratio Lower Upper
43 100
58 36.3 30.1 45.1
85 15.6 13.2 19.8

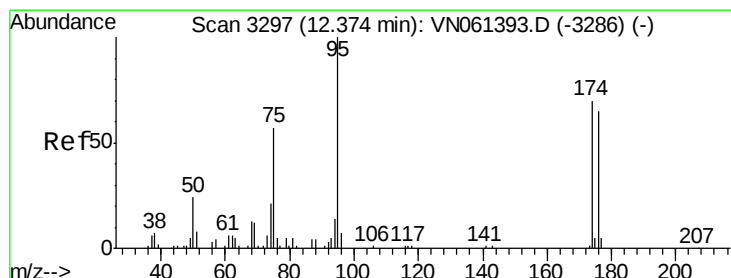
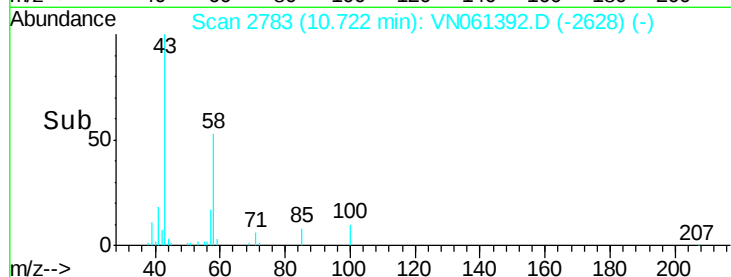
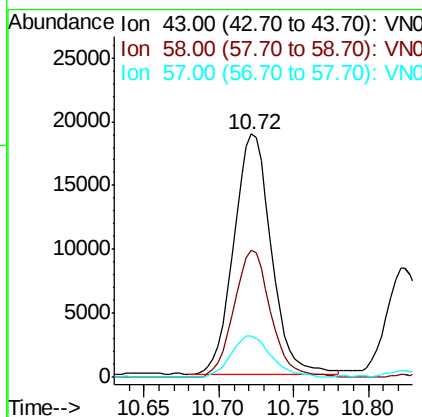
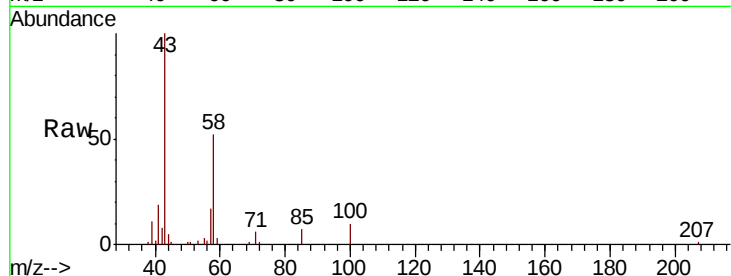




#59
2-Hexanone
Concen: 23.509 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

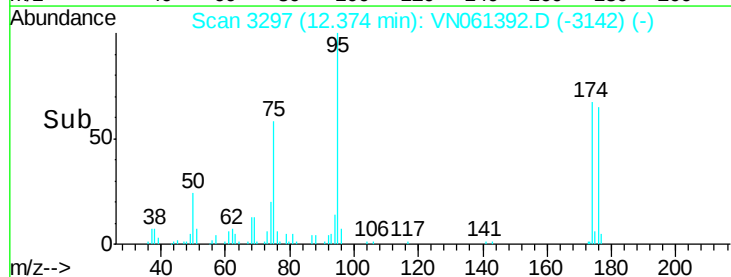
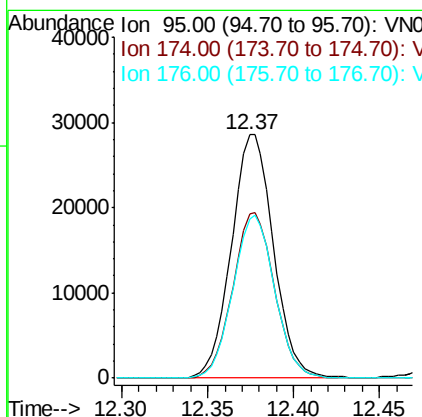
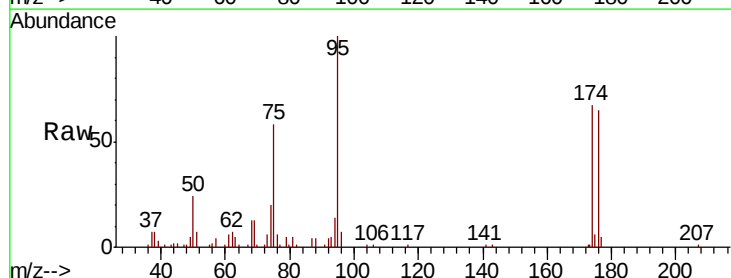
Instrument :
MSVOA_N
ClientSampled :

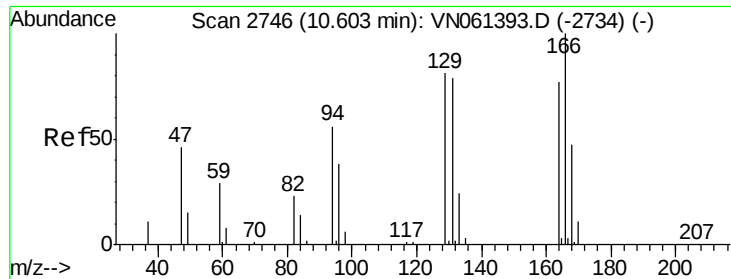
Tot Ion: 43 Resp: 32797
Ion Ratio Lower Upper
43 100
58 51.9 41.4 62.0
57 18.5 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 27.965 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion: 95 Resp: 48527
Ion Ratio Lower Upper
95 100
174 67.2 59.9 89.9
176 66.0 58.3 87.5





#61

Tetrachloroethene

Concen: 5.527 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 6070

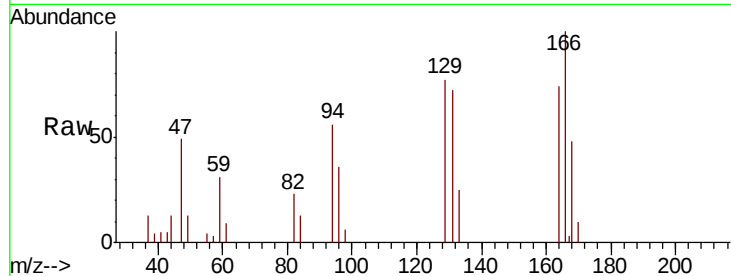
Ion Ratio Lower Upper

164 100

166 134.6 101.4 152.2

129 103.9 78.1 117.1

131 97.3 73.2 109.8

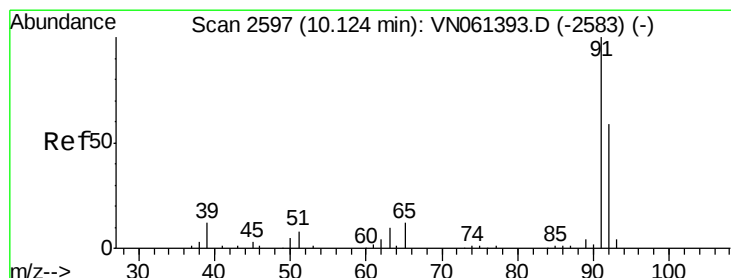
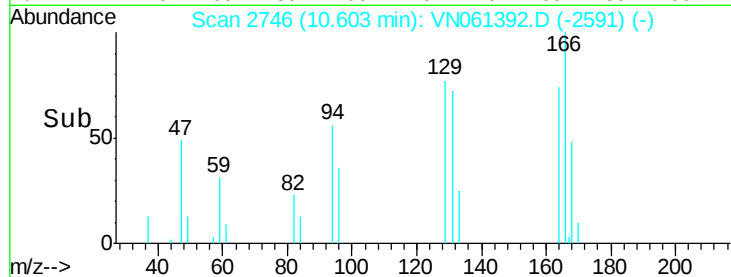
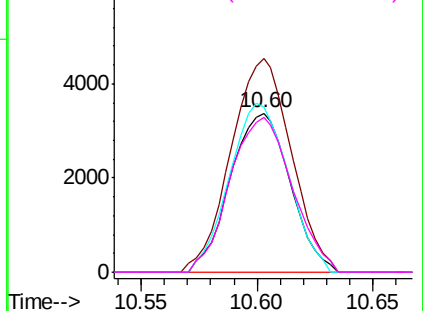


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.426 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061392.D

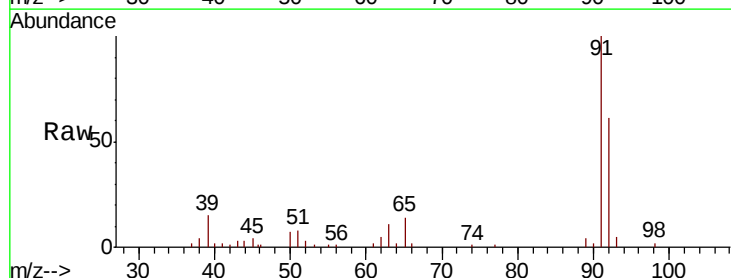
Acq: 14 May 2020 14:14

Tgt Ion: 91 Resp: 29278

Ion Ratio Lower Upper

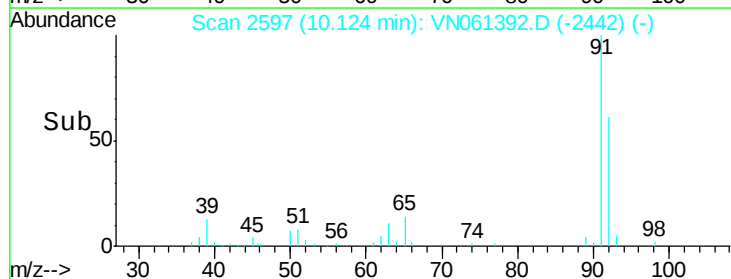
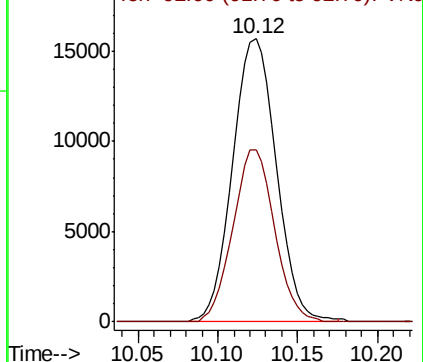
91 100

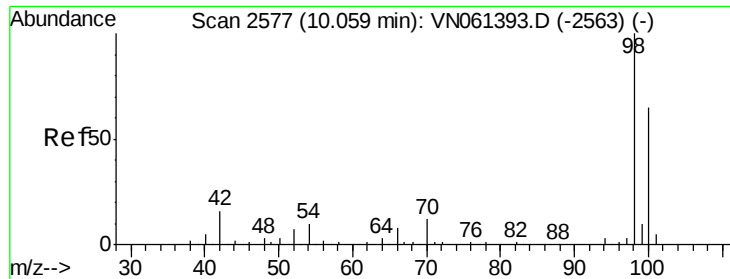
92 57.7 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.152 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

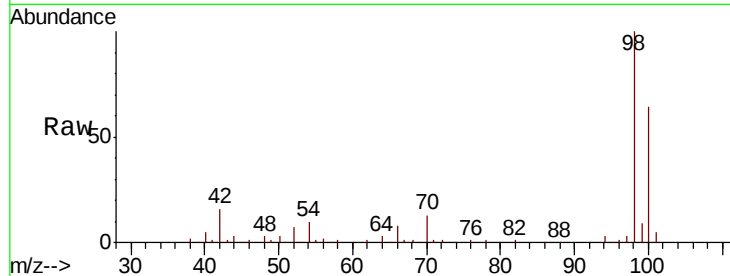
ClientSampleId :

Tot Ion: 98 Resp: 141788

Ion Ratio Lower Upper

98 100

100 64.7 50.6 75.8



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

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

10.06

80000

60000

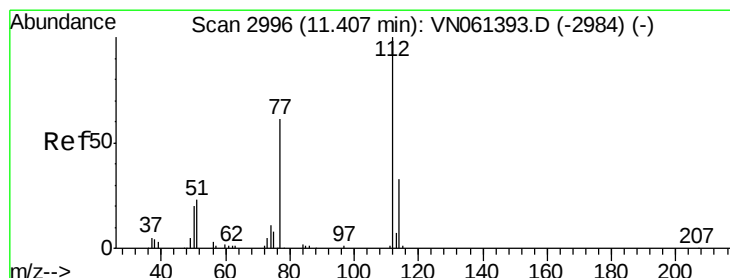
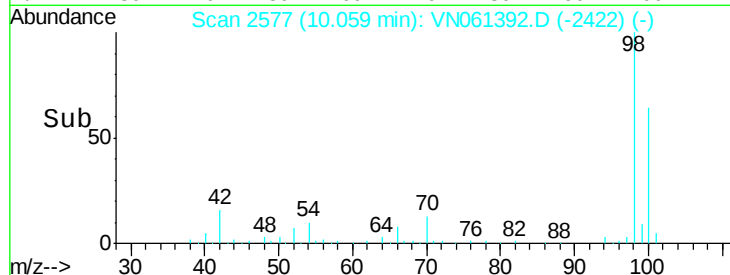
40000

20000

0

Time-->

10.00 10.10



#64

Chlorobenzene

Concen: 5.234 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061392.D

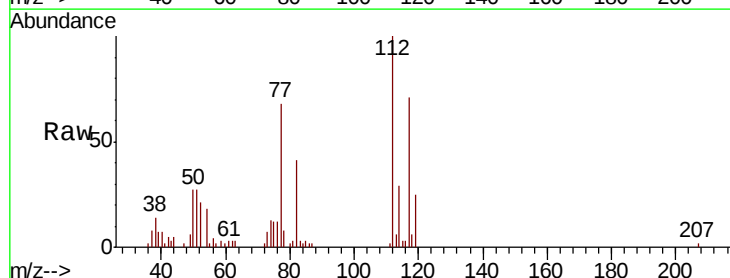
Acq: 14 May 2020 14:14

Tgt Ion: 112 Resp: 17140

Ion Ratio Lower Upper

112 100

114 28.5 25.7 38.5



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

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

11.40

10000

8000

6000

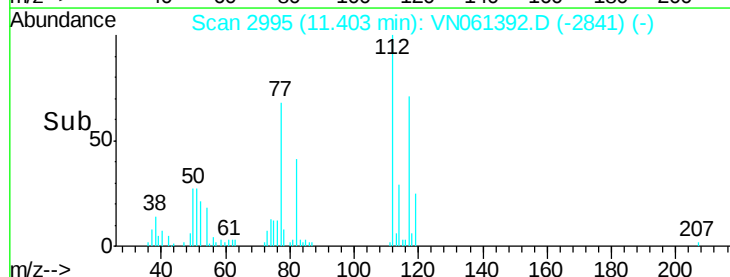
4000

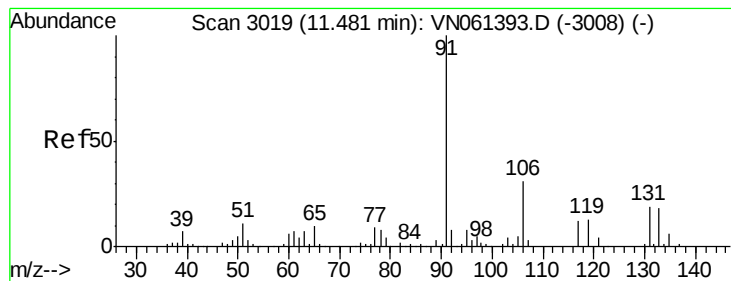
2000

0

Time-->

11.35 11.40 11.45





#65

1,1,1,2-Tetrachloroethane

Concen: 5.014 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

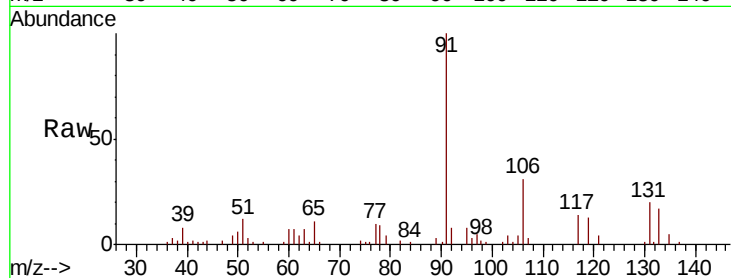
Tot Ion:131 Resp: 6137

Ion Ratio Lower Upper

131 100

133 95.6 0.0 194.0

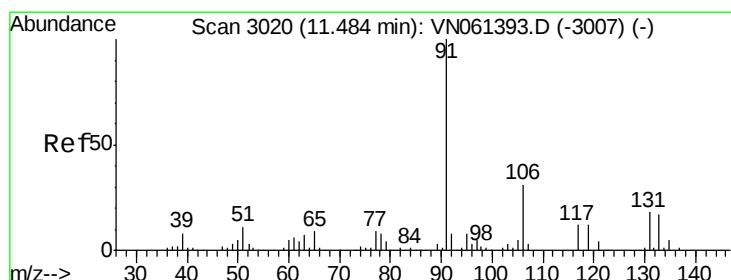
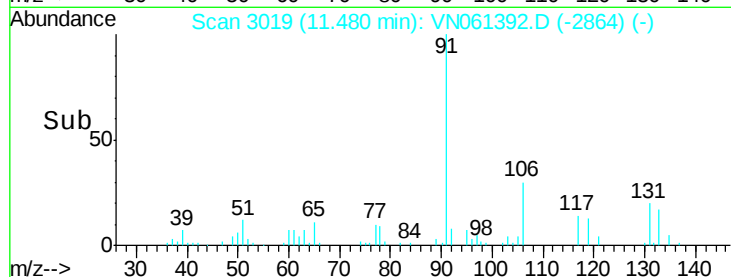
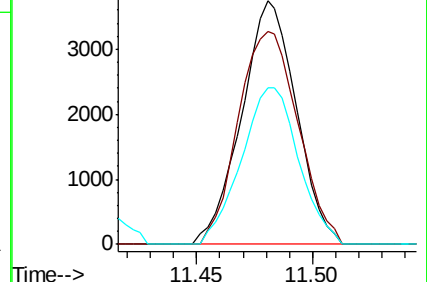
119 67.5 0.0 136.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 5.616 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061392.D

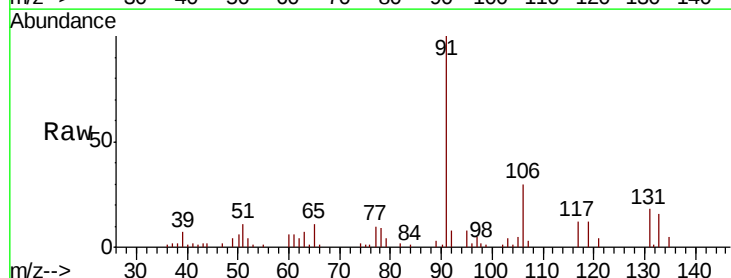
Acq: 14 May 2020 14:14

Tgt Ion: 91 Resp: 33744

Ion Ratio Lower Upper

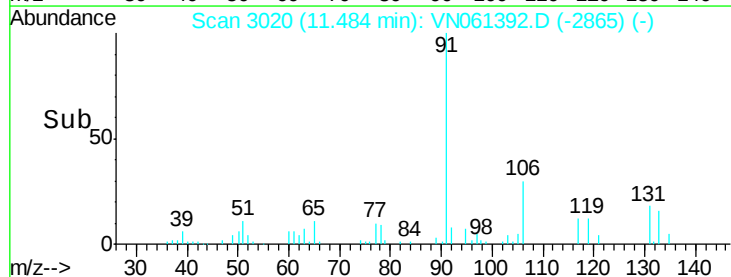
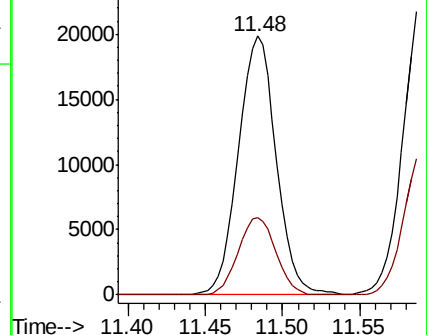
91 100

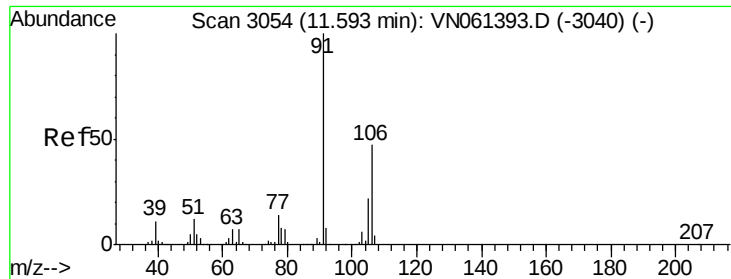
106 29.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

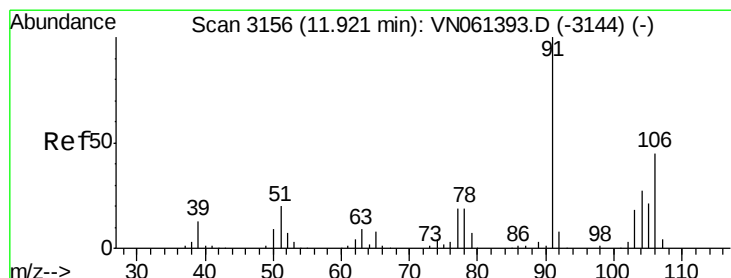
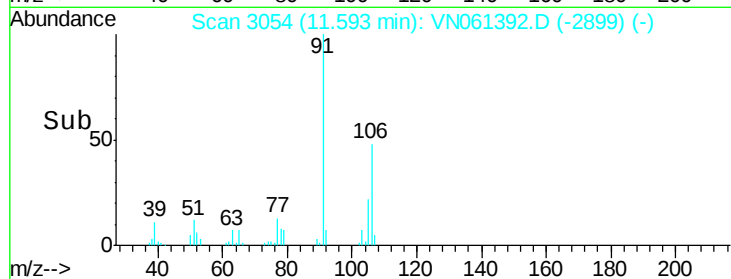
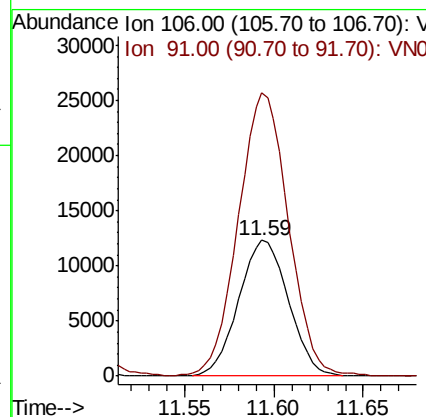
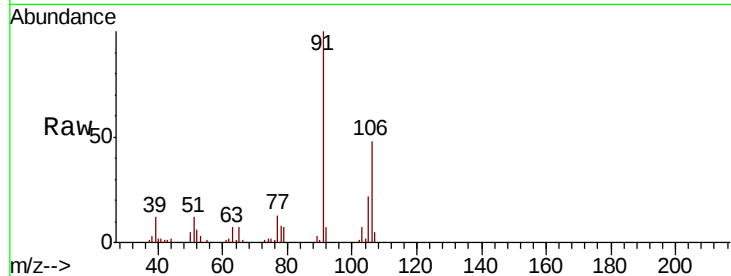




#67
m/p-Xvlenes
Concen: 10.709 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

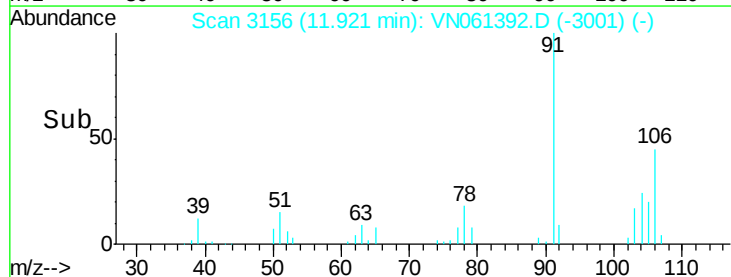
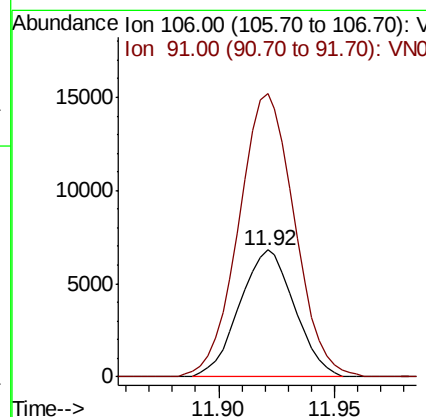
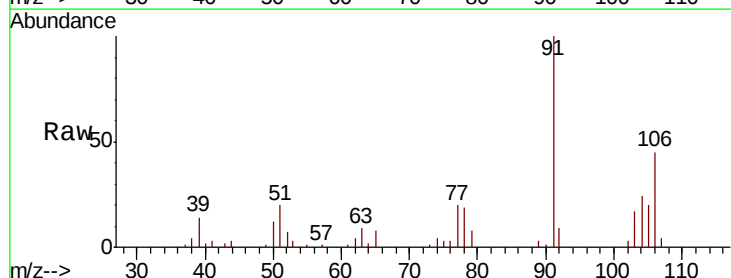
Instrument :
MSVOA_N
ClientSampled :

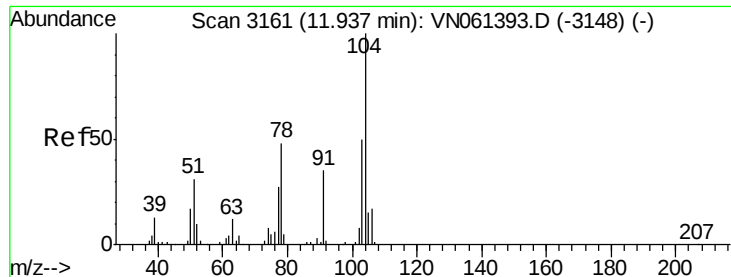
Tot Ion:106 Resp: 23993
Ion Ratio Lower Upper
106 100
91 209.7 165.6 248.4



#68
o-Xylene
Concen: 5.164 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion:106 Resp: 11227
Ion Ratio Lower Upper
106 100
91 226.3 109.8 329.4

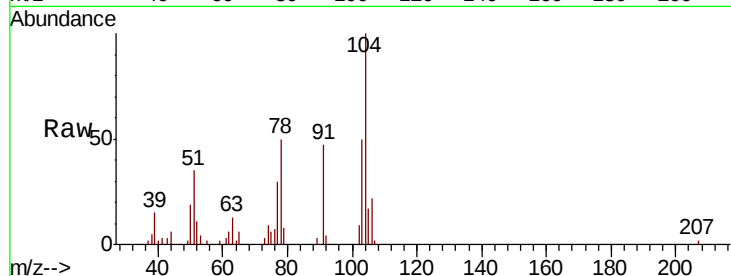




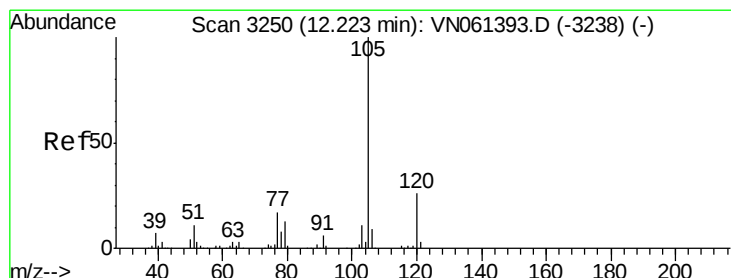
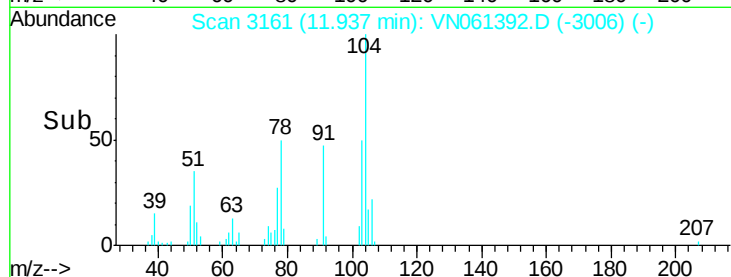
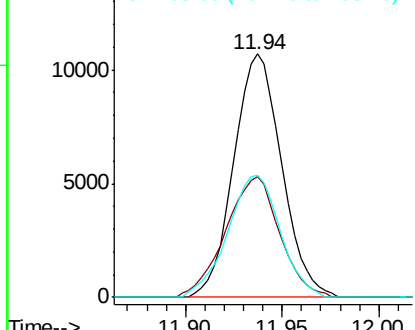
#69
Stvrene
Concen: 5.116 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 18472
Ion Ratio Lower Upper
104 100
78 55.9 42.4 63.6
103 55.0 44.6 66.8

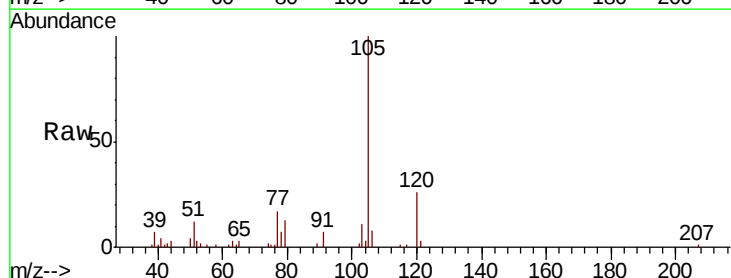


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

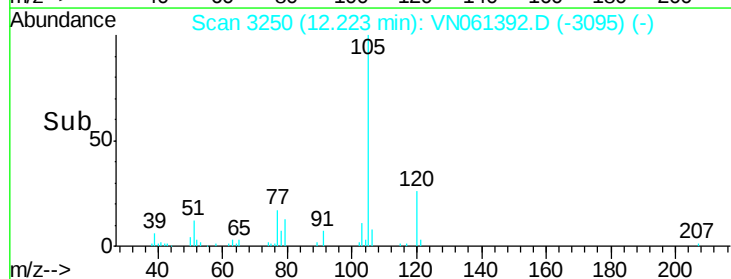
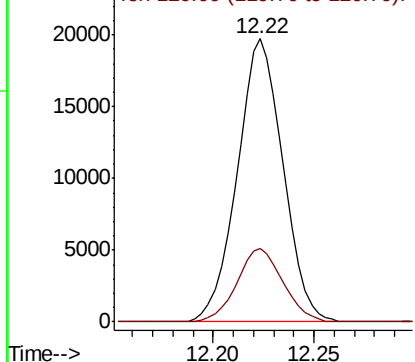


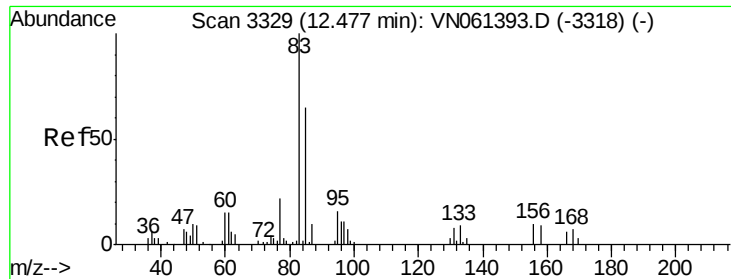
#70
Isopropylbenzene
Concen: 5.353 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion:105 Resp: 31255
Ion Ratio Lower Upper
105 100
120 26.1 18.4 34.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

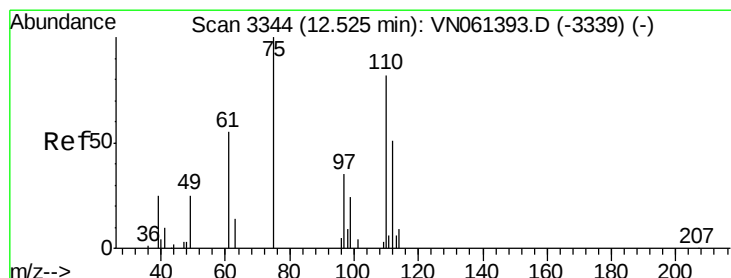
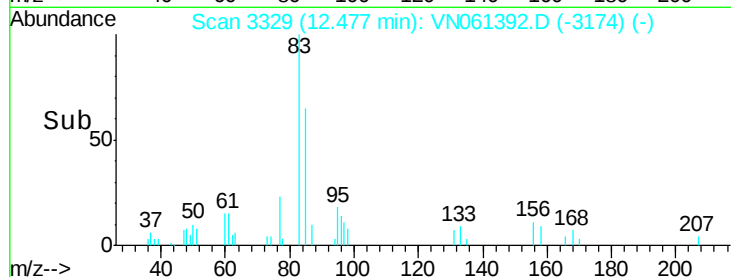
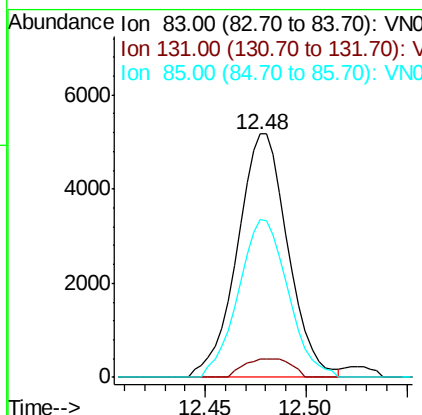
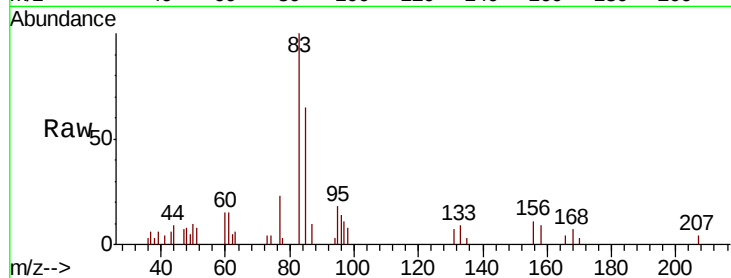




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.763 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

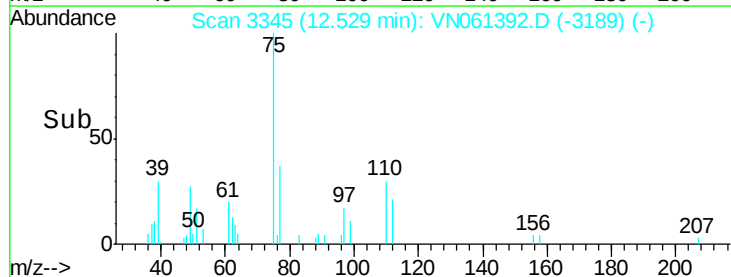
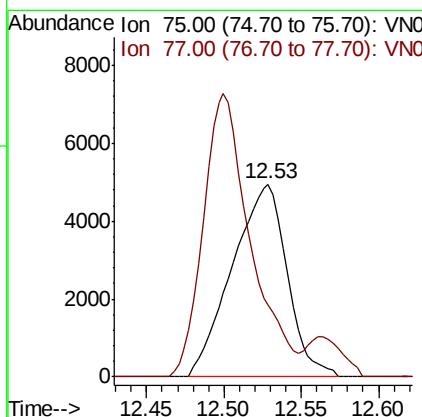
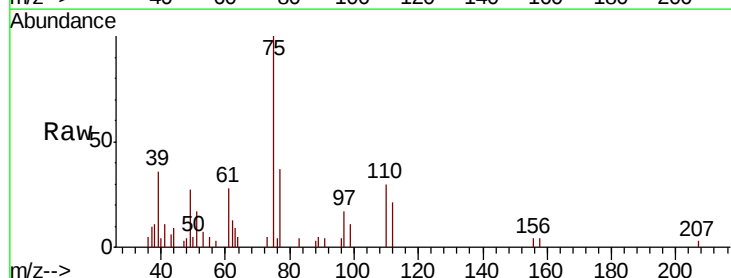
Instrument :
 MSVOA_N
 ClientSampleId :

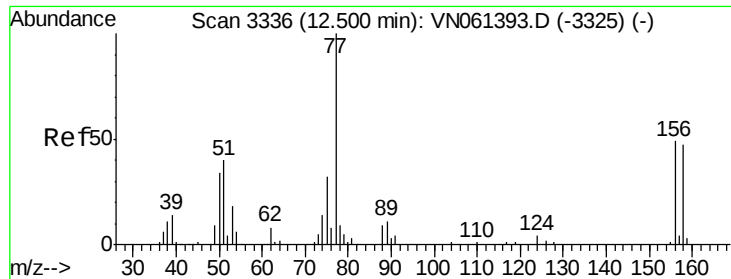
Tot Ion: 83 Resp: 9078
 Ion Ratio Lower Upper
 83 100
 131 7.1 4.9 14.7
 85 63.5 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 6.993 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion: 75 Resp: 12233
 Ion Ratio Lower Upper
 75 100
 77 125.8 0.0 359.4





#73

Bromobenzene

Concen: 4.540 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

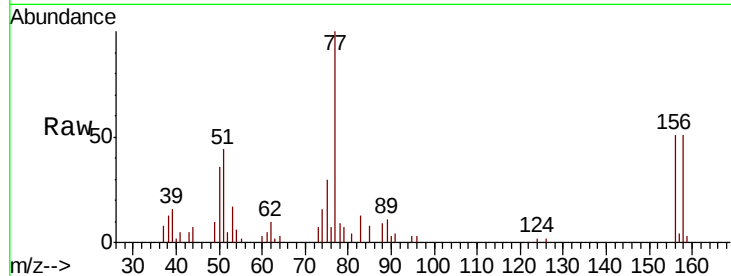
Tot Ion:156 Resp: 6250

Ion Ratio Lower Upper

156 100

77 246.2 0.0 456.0

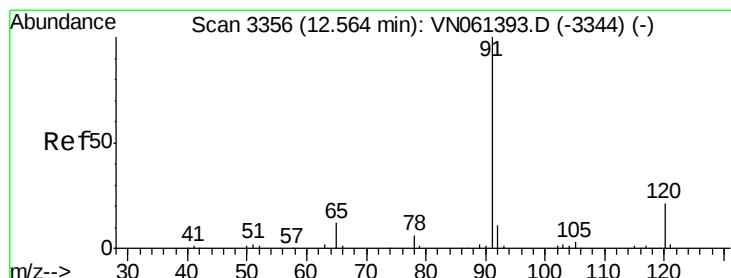
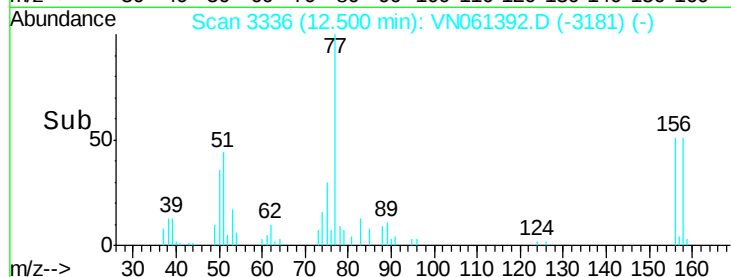
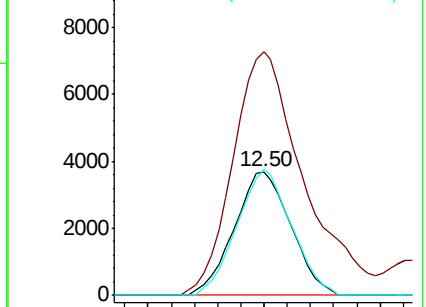
158 97.9 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 5.428 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061392.D

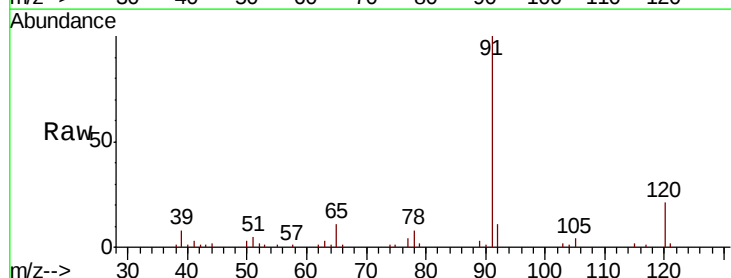
Acq: 14 May 2020 14:14

Tgt Ion: 91 Resp: 37112

Ion Ratio Lower Upper

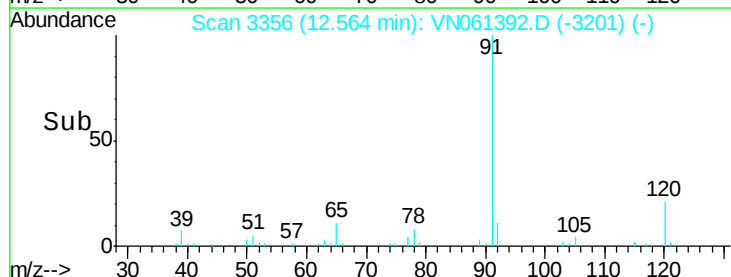
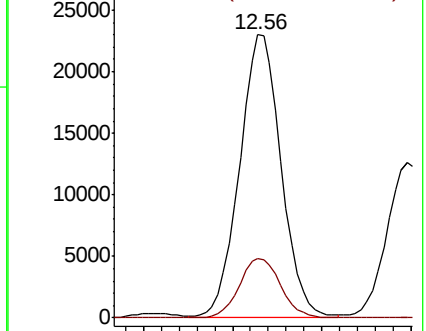
91 100

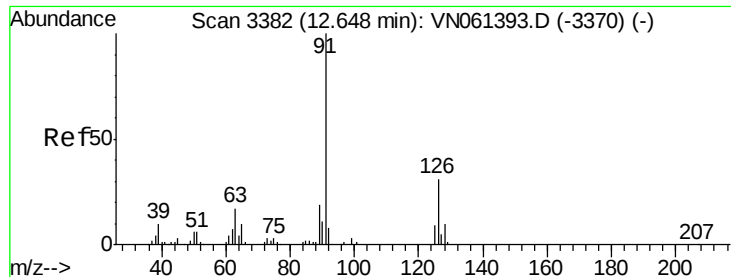
120 20.8 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.089 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

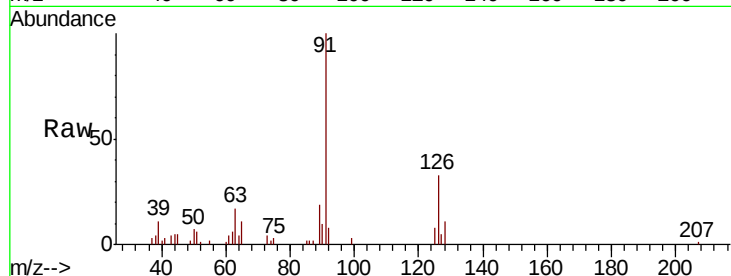
ClientSampled :

Tot Ion: 91 Resp: 20880

Ion Ratio Lower Upper

91 100

126 31.7 0.0 65.4



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

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

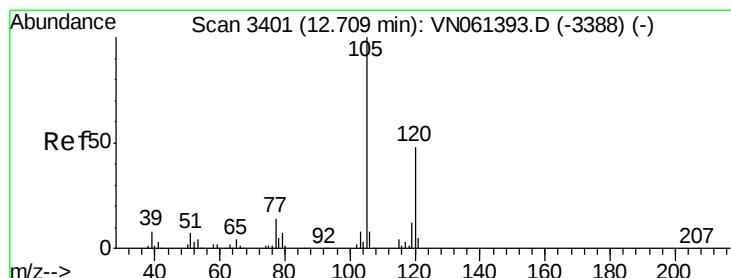
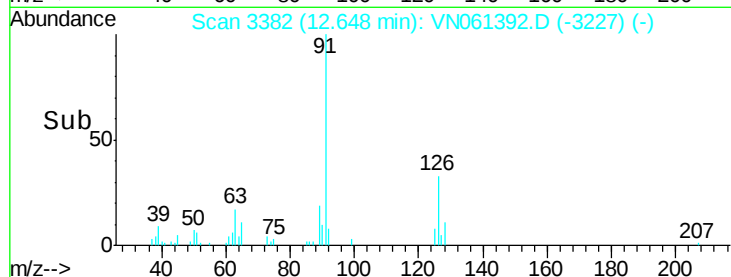
12.65

10000

5000

0

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 5.144 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061392.D

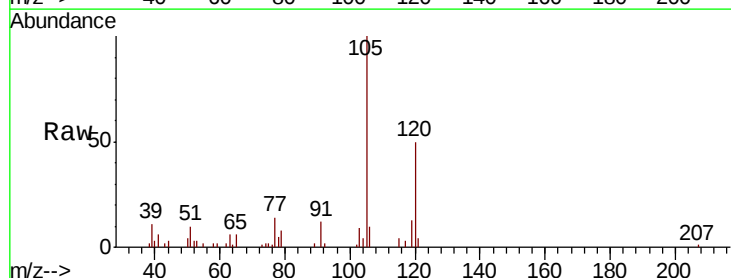
Acq: 14 May 2020 14:14

Tgt Ion: 105 Resp: 25647

Ion Ratio Lower Upper

105 100

120 48.7 0.0 94.0



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

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

12.71

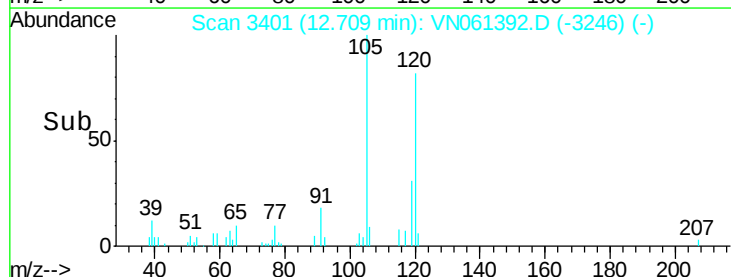
15000

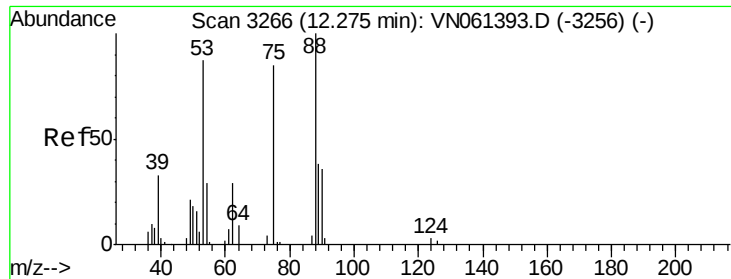
10000

5000

0

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 4.695 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

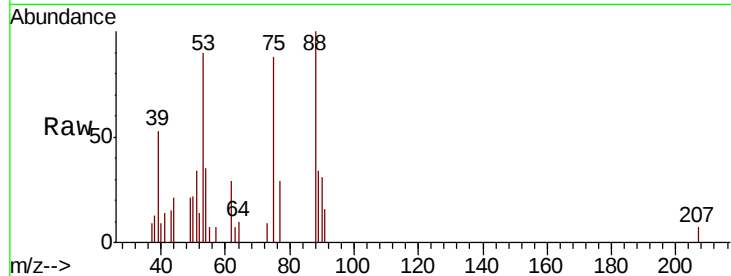
Tot Ion: 75 Resp: 3175

Ion Ratio Lower Upper

75 100

53 94.1 50.0 150.0

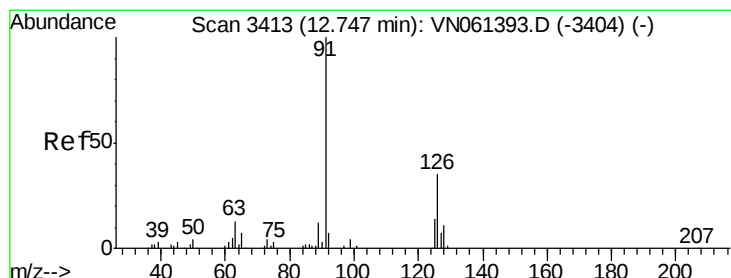
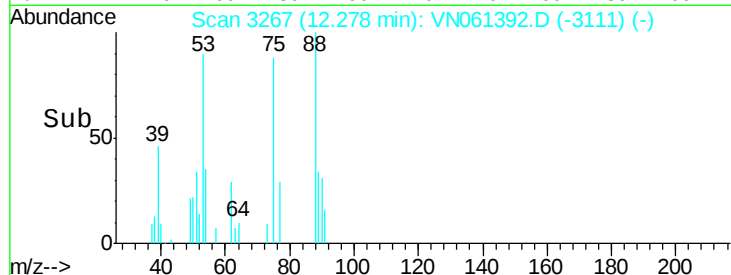
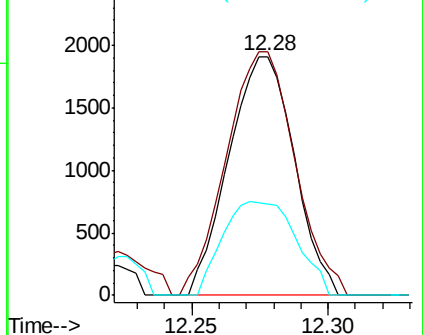
89 38.5 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN061392.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN061392.D (-3267) (-)

Ion 89.00 (88.70 to 89.70): VN061392.D (-3267) (-)



#78

4-Chlorotoluene

Concen: 4.997 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061392.D

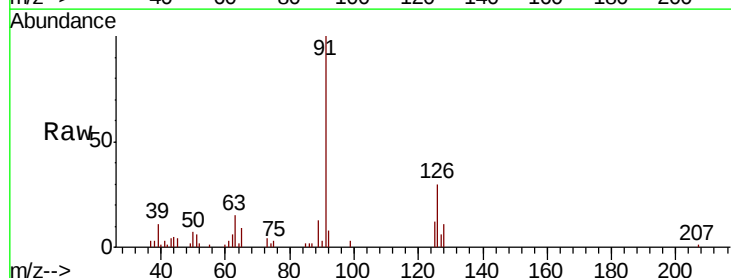
Acq: 14 May 2020 14:14

Tgt Ion: 91 Resp: 21178

Ion Ratio Lower Upper

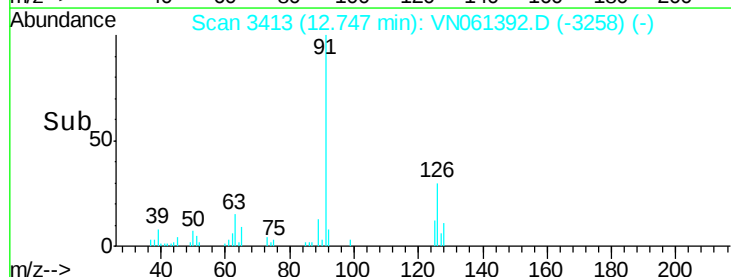
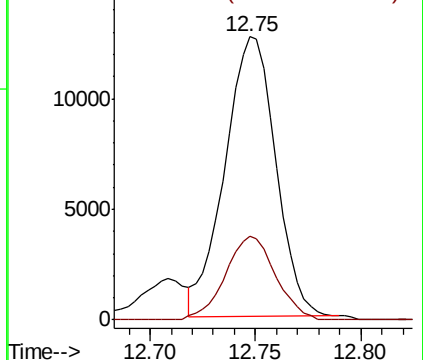
91 100

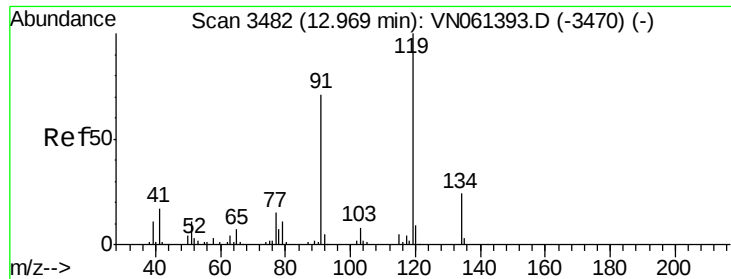
126 29.4 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VN061392.D (-3413) (-)

Ion 126.00 (125.70 to 126.70): VN061392.D (-3413) (-)

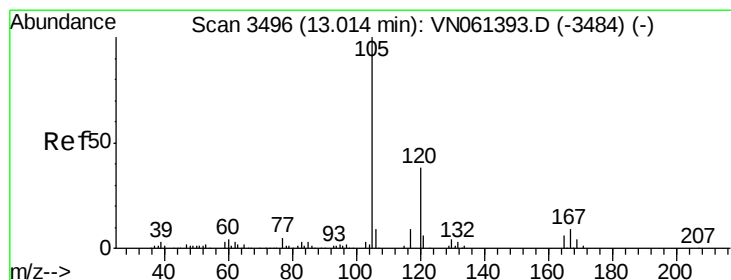
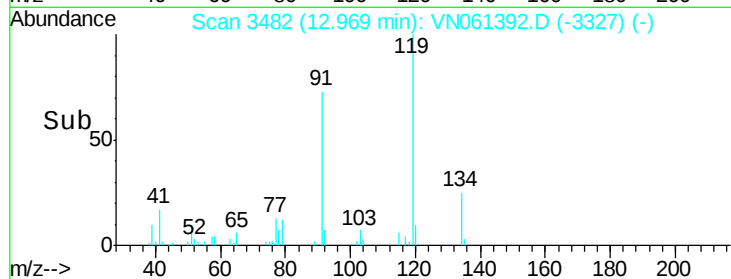
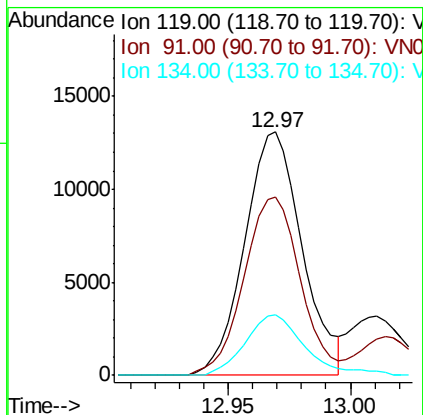
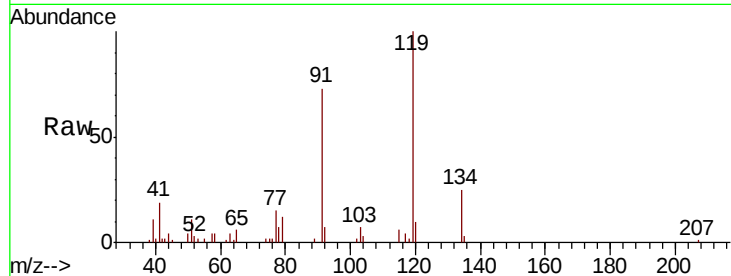




#79
tert-butylbenzene
Concen: 5.050 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

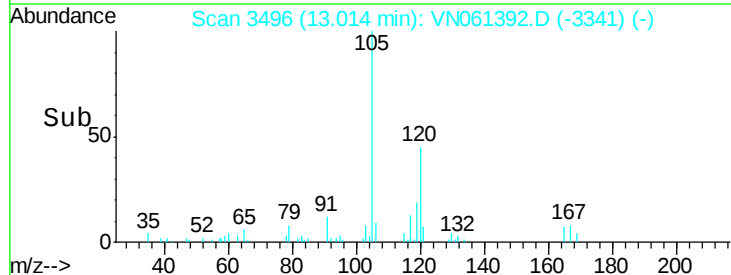
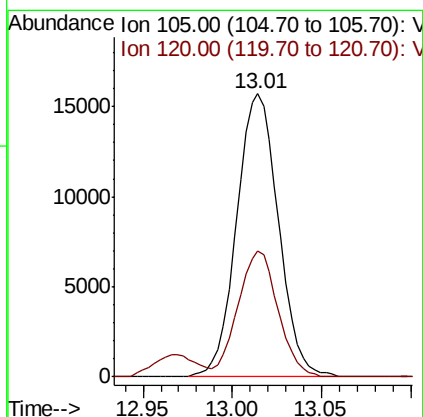
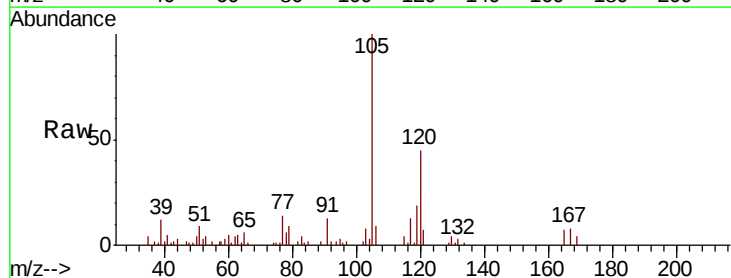
Instrument :
MSVOA_N
ClientSampleId :

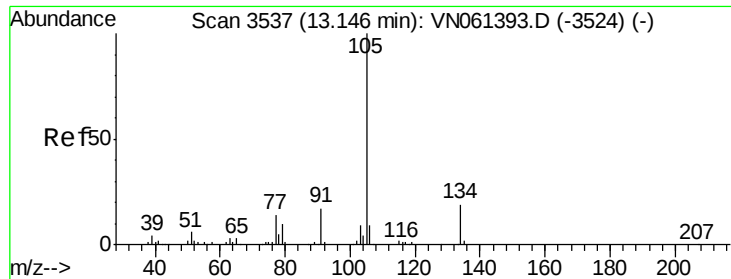
Tot Ion:119 Resp: 21424
Ion Ratio Lower Upper
119 100
91 71.5 0.0 136.4
134 25.7 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 5.198 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion:105 Resp: 25701
Ion Ratio Lower Upper
105 100
120 42.7 0.0 89.2

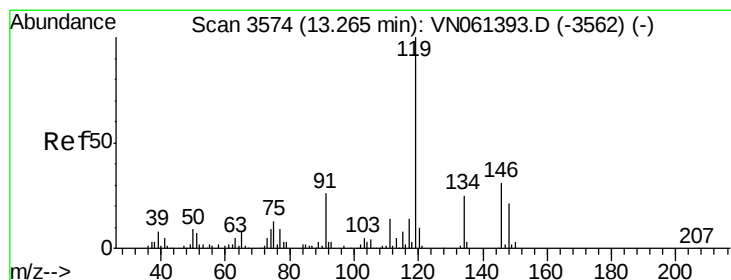
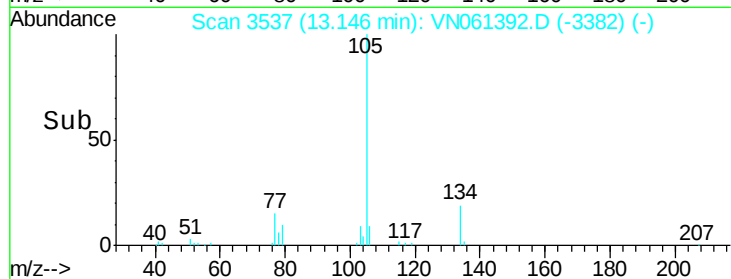
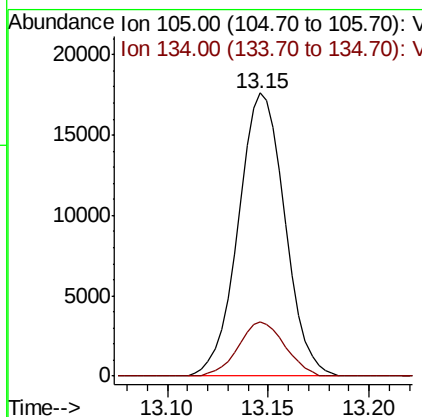
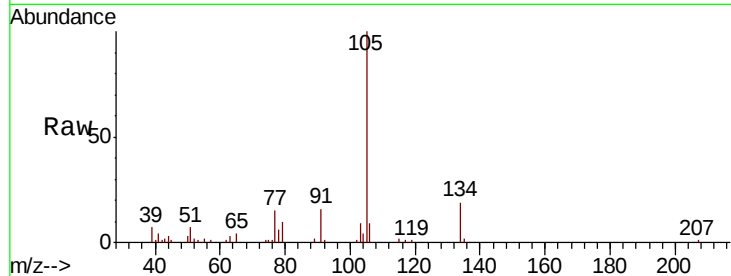




#81
 sec-Butylbenzene
 Concen: 4.974 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

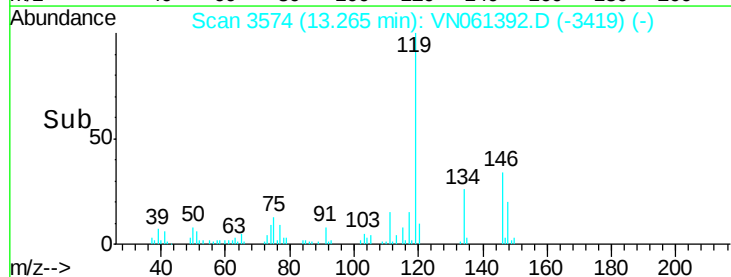
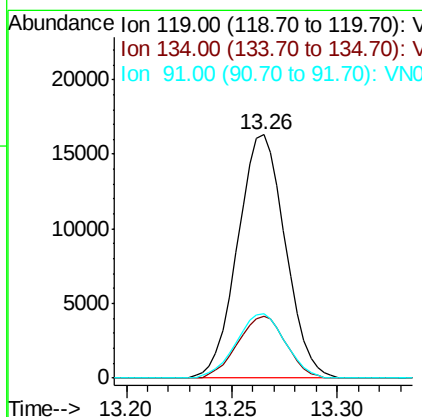
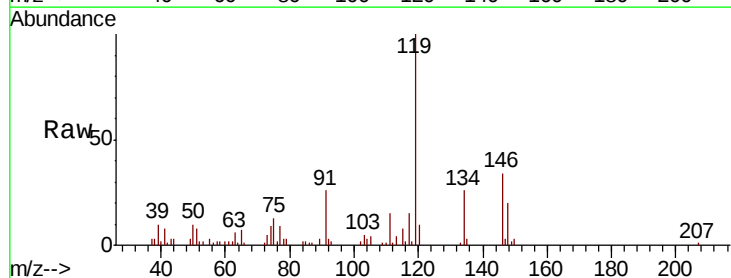
Instrument :
 MSVOA_N
 ClientSampleId :

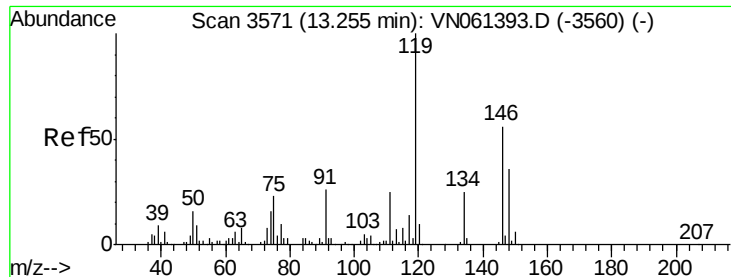
Tot Ion:105 Resp: 28497
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 4.969 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion:119 Resp: 25579
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 27.5 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 4.509 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

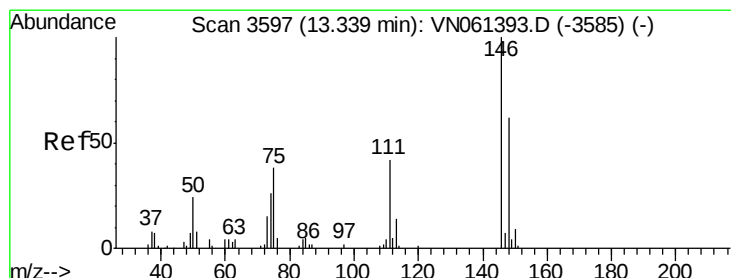
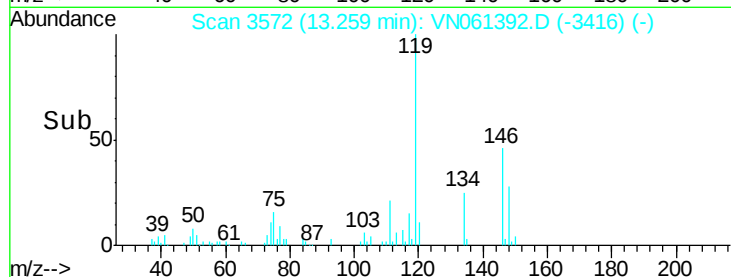
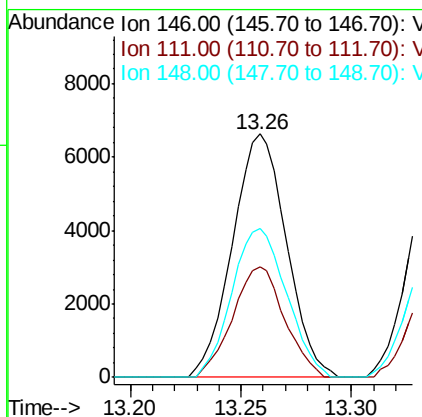
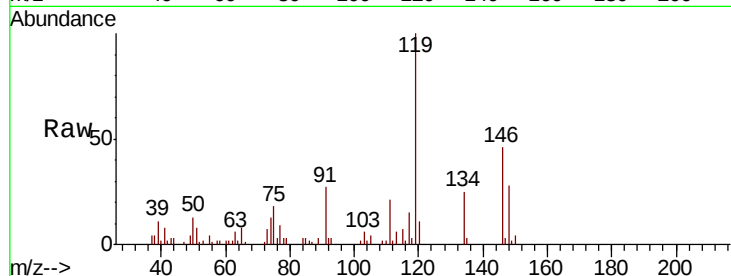
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 11267

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.0	63.0
148	62.0	31.7	95.1



#84

1,4-Dichlorobenzene

Concen: 4.307 ug/l

RT: 13.34 min Scan# 3597

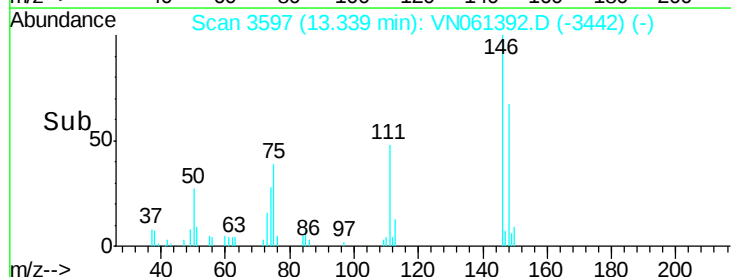
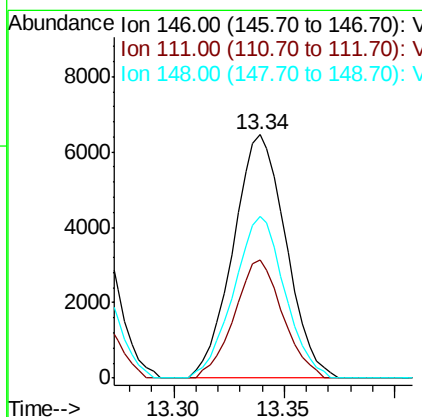
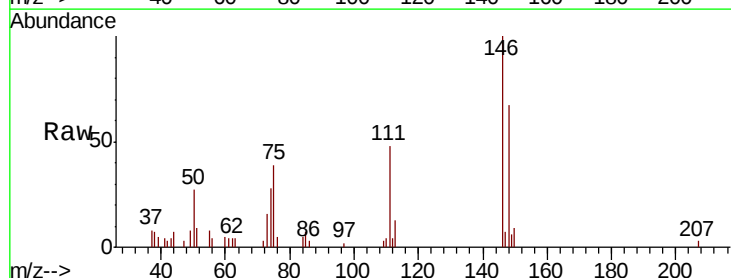
Delta R.T. -0.00 min

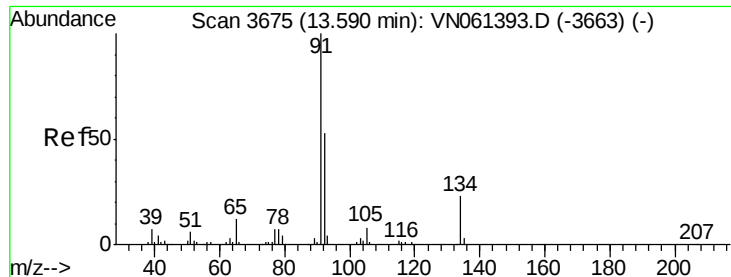
Lab File: VN061392.D

Acq: 14 May 2020 14:14

Tgt Ion:146 Resp: 10756

Ion	Ratio	Lower	Upper
146	100		
111	44.3	19.8	59.4
148	64.2	31.6	94.8





#85

n-Butylbenzene

Concen: 4.890 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

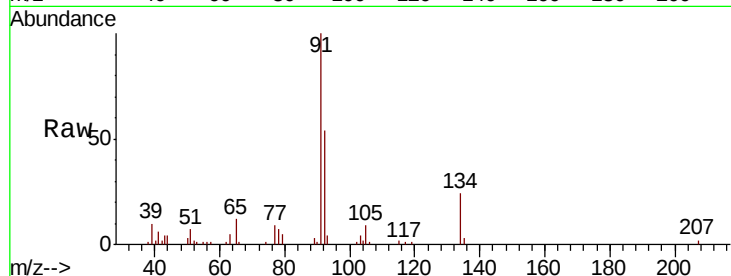
Tot Ion: 91 Resp: 23222

Ion Ratio Lower Upper

91 100

92 53.3 0.0 102.8

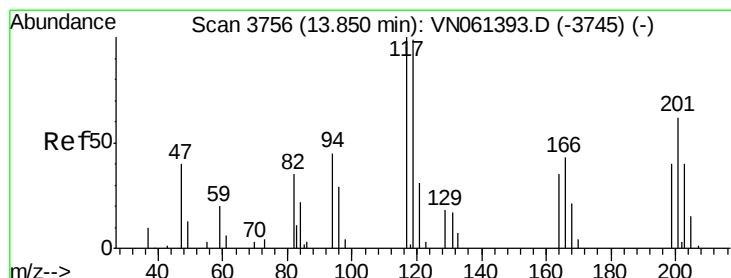
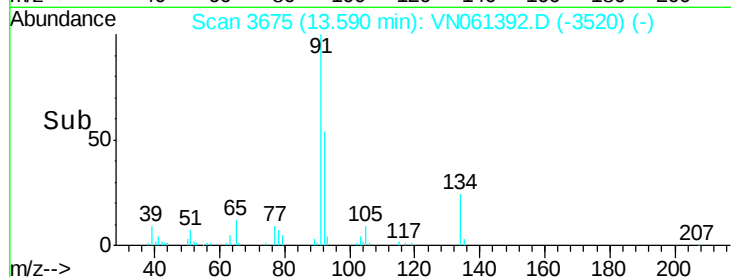
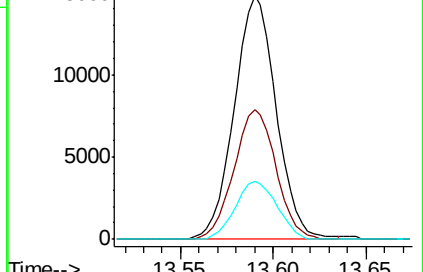
134 23.6 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN061392.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN061392.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN061392.D (-3663) (-)



#86

Hexachloroethane

Concen: 4.136 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061392.D

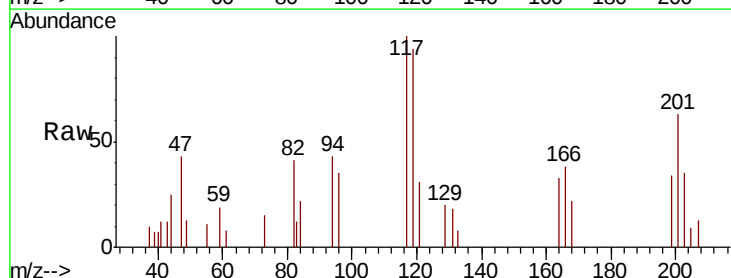
Acq: 14 May 2020 14:14

Tgt Ion: 117 Resp: 3682

Ion Ratio Lower Upper

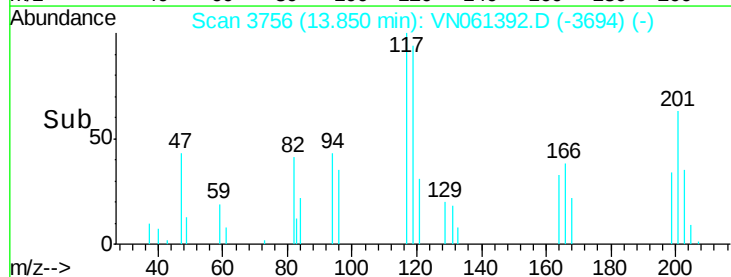
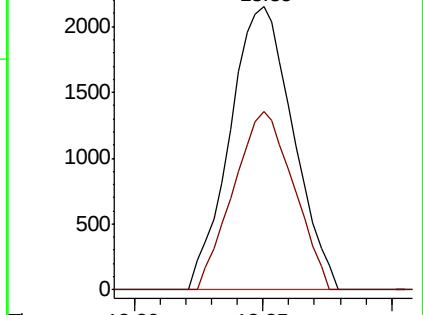
117 100

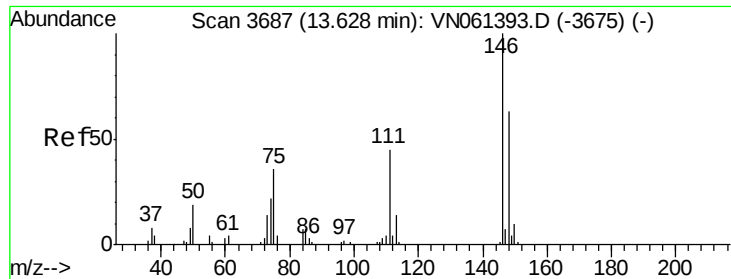
201 59.9 38.7 116.1



Abundance Ion 117.00 (116.70 to 117.70): VN061392.D (-3745) (-)

Ion 201.00 (200.70 to 201.70): VN061392.D (-3745) (-)





#87

1,2-Dichlorobenzene

Concen: 4.226 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

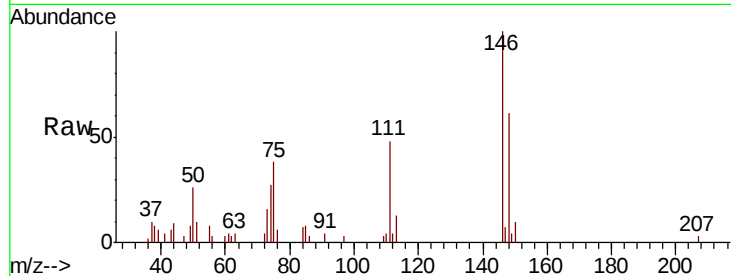
Tot Ion:146 Resp: 10421

Ion Ratio Lower Upper

146 100

111 47.8 21.8 65.4

148 63.5 32.1 96.5

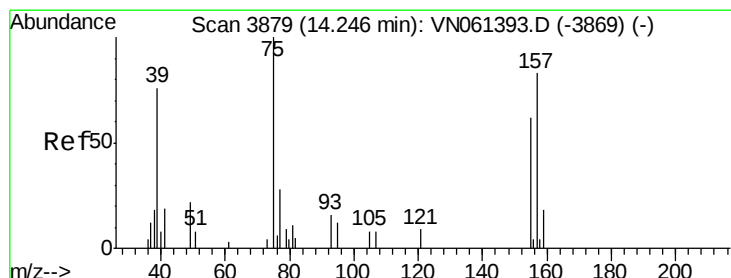
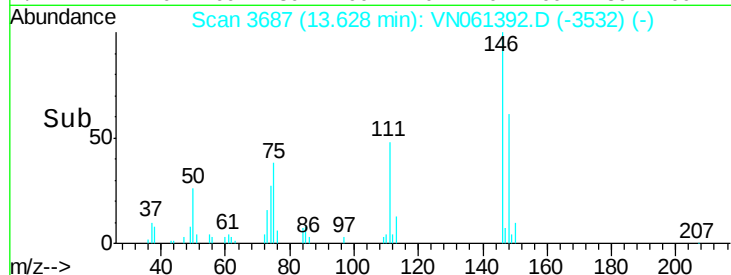
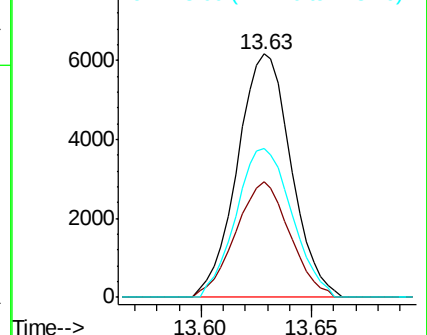


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.313 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061392.D

Acq: 14 May 2020 14:14

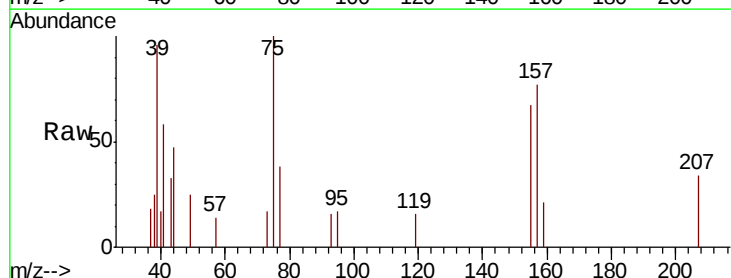
Tgt Ion: 75 Resp: 1825

Ion Ratio Lower Upper

75 100

155 61.8 58.3 87.5

157 78.1 75.0 112.6

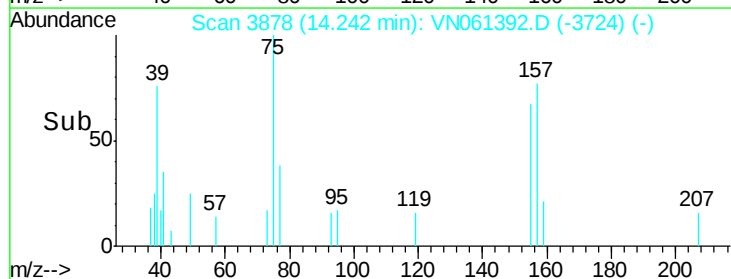
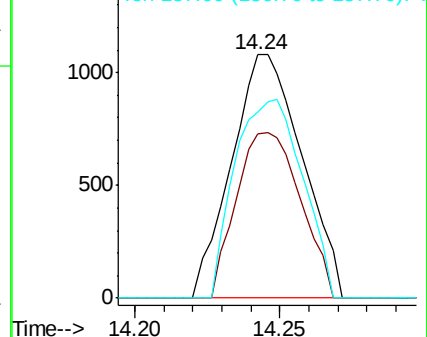


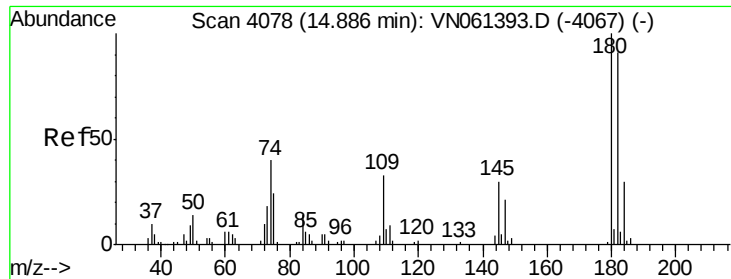
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

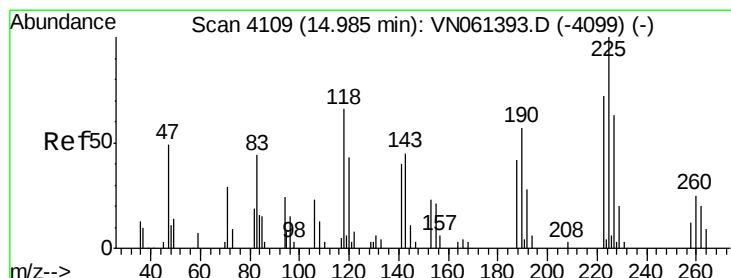
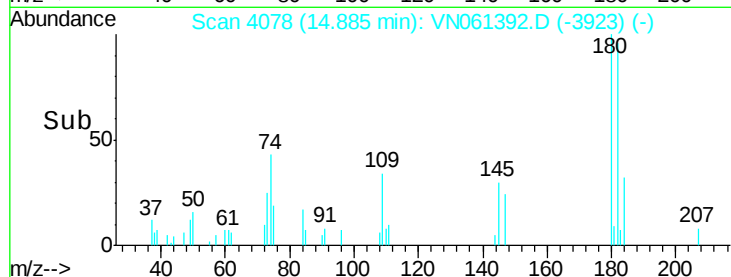
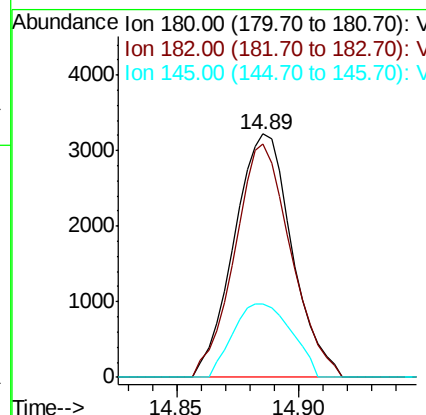
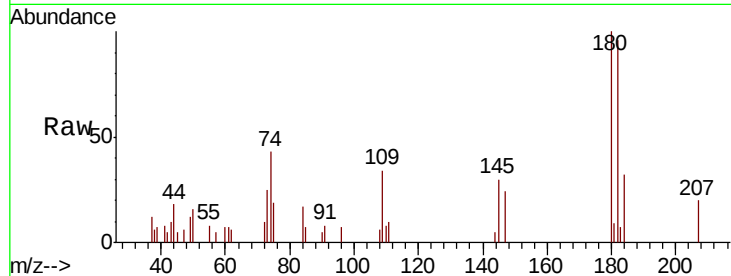




#89
 1,2,4-Trichlorobenzene
 Concen: 3.443 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

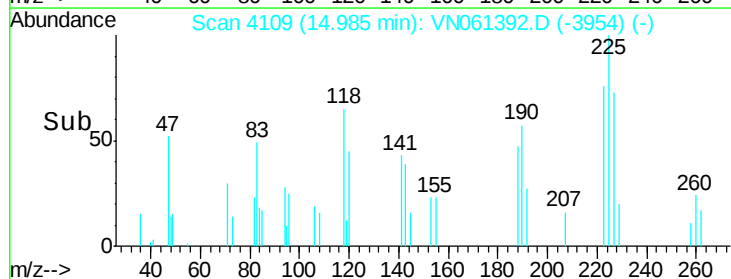
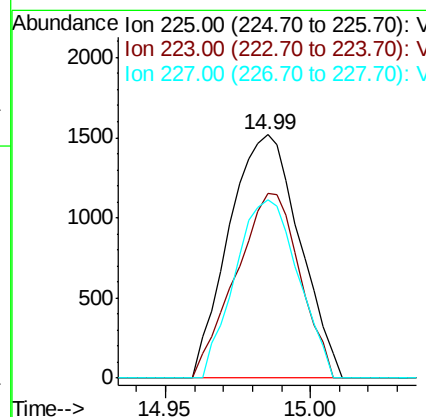
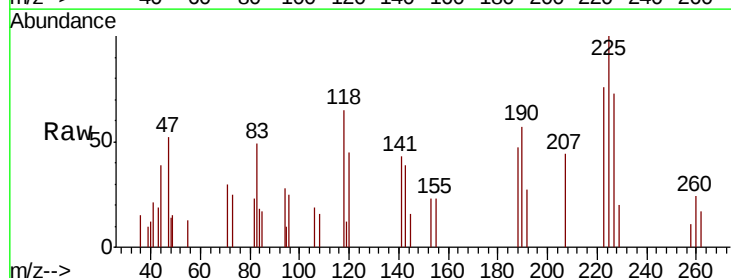
Instrument :
 MSVOA_N
 ClientSampled :

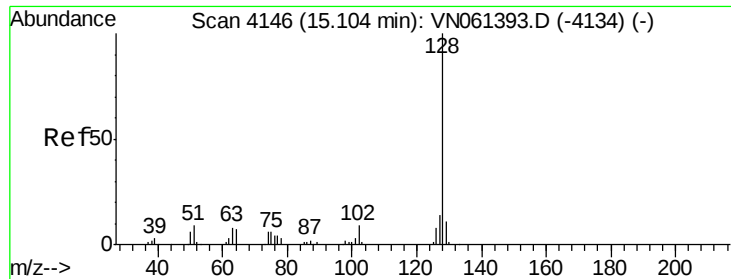
Tot Ion:180 Resp: 5292
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.3 112.9
 145 30.5 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 3.368 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061392.D
 Acq: 14 May 2020 14:14

Tgt Ion:225 Resp: 2566
 Ion Ratio Lower Upper
 225 100
 223 68.8 0.0 126.2
 227 65.4 0.0 127.0

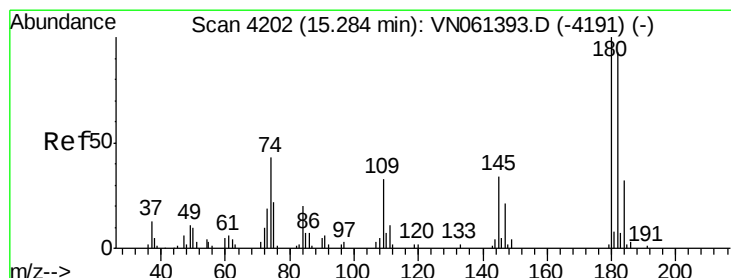
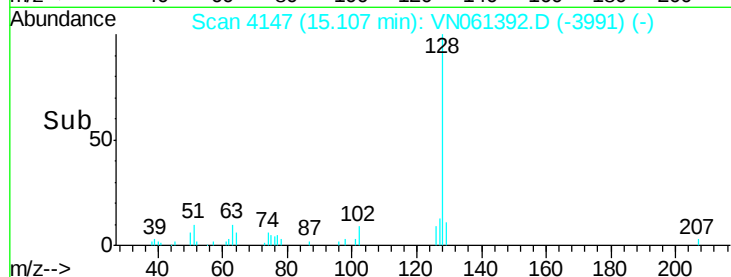
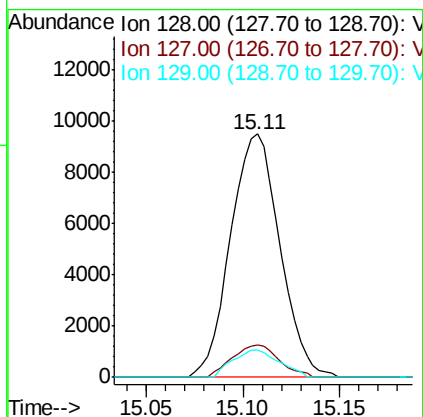
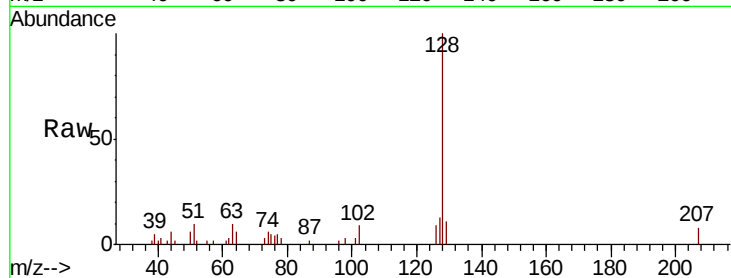




#91
Naphthalene
Concen: 3.690 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 16847
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 3.547 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. -0.40 min
Lab File: VN061392.D
Acq: 14 May 2020 14:14

Tgt Ion:180 Resp: 5292
Ion Ratio Lower Upper
180 100
182 93.0 0.0 193.4
145 30.5 0.0 65.8

