

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051420\
 Data File : VN061408.D
 Acq On : 14 May 2020 21:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 15 05:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	17255	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	105498	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	95295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	49474	32.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.73%
60) 4-Bromofluorobenzene	12.38	95	47930	29.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.20%
63) Toluene-d8	10.06	98	133221	30.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	14638	18.632	ug/l 97
3) Chloromethane	2.03	50	30411	21.171	ug/l 99
4) Vinyl Chloride	2.16	62	42303	21.969	ug/l 99
5) Bromomethane	2.54	94	21993	22.486	ug/l 100
6) Chloroethane	2.68	64	28421	21.815	ug/l 97
7) Trichlorofluoromethane	2.99	101	34858	16.914	ug/l 99
8) Diethyl Ether	3.37	74	13348	20.365	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	18120	20.583	ug/l 96
10) 1,1-Dichloroethene	3.70	96	18769	20.251	ug/l 93
11) Methyl Iodide	3.91	142	20688	20.624	ug/l 97
12) Methyl Acetate	4.28	43	24140	21.446	ug/l 98
13) Acrolein	3.57	56	17433	91.982	ug/l 95
14) Acrylonitrile	4.93	53	55162	104.402	ug/l 98
15) Acetone	3.78	58	12041	94.901	ug/l 97
16) Carbon Disulfide	4.01	76	57234	21.967	ug/l 100
17) Allyl chloride	4.28	41	38011	20.375	ug/l 98
18) Methylene Chloride	4.50	84	22677	20.274	ug/l 91
19) trans-1,2-Dichloroethene	4.99	96	21676	19.651	ug/l 96
20) Diisopropyl ether	5.91	45	87926	20.246	ug/l 94
21) 1,1-Dichloroethane	5.80	63	46499	20.505	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	25588	19.784	ug/l 94
23) tert-Butyl Alcohol	4.73	59	17179	101.432	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	77226	20.531	ug/l 98
25) Chloroform	7.33	83	44445	20.218	ug/l 99
26) Cyclohexane	7.62	56	44041	20.338	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	35337	19.088	ug/l 97
30) 2-Butanone	6.79	43	76561	97.764	ug/l 98
31) 2,2-Dichloropropane	6.78	77	39110	18.083	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	40318	19.465	ug/l 98
33) Carbon Tetrachloride	7.73	117	29541	18.580	ug/l 96
34) Benzene	8.00	78	100847	19.255	ug/l 98
35) Methacrylonitrile	7.13	41	14846	18.901	ug/l 88
36) 1,2-Dichloroethane	8.09	62	39772	19.782	ug/l 100
37) Trichloroethene	8.80	130	25252	19.581	ug/l 99
38) Methylcyclohexane	9.05	83	41364	18.612	ug/l 96
39) 1,2-Dichloropropane	9.09	63	27878	19.362	ug/l 98
40) Dibromomethane	9.18	93	17547	19.731	ug/l 91

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

41) Bromodichloromethane	9.37	83	36935	19.144	ug/l	99
42) Vinyl Acetate	5.84	43	364829	98.100	ug/l	100
43) Ethyl Acetate	6.88	43	33300	19.907	ug/l #	91
44) Isopropyl Acetate	8.13	43	63910	19.678	ug/l #	87
45) 1,4-Dioxane	9.17	88	5328	415.702	ug/l	97
46) Methyl methacrylate	9.17	41	30022	19.657	ug/l	98
47) n-amyl Acetate	12.05	43	56551	19.522	ug/l	97
48) t-1,3-Dichloropropene	10.36	75	42878	18.833	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	44890	18.640	ug/l	93
50) 1,1,2-Trichloroethane	10.54	97	24033	19.544	ug/l	99
51) Ethyl methacrylate	10.40	69	40952	19.331	ug/l	92
52) 1,3-Dichloropropane	10.68	76	44157	19.666	ug/l	99
53) Dibromochloromethane	10.87	129	24939	18.510	ug/l	99
54) 1,2-Dibromoethane	10.98	107	24148	19.032	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	92666	98.835	ug/l	99
56) Bromoform	12.10	173	15423	18.202	ug/l #	98
58) 4-Methyl-2-Pentanone	9.95	43	178996	103.078	ug/l	98
59) 2-Hexanone	10.72	43	126258	102.790	ug/l	99
61) Tetrachloroethene	10.60	164	22851	19.175	ug/l	96
62) Toluene	10.13	91	107683	19.488	ug/l	97
64) Chlorobenzene	11.41	112	63759	19.495	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	22905	19.167	ug/l	99
66) Ethyl Benzene	11.48	91	124312	19.604	ug/l	98
67) m/p-Xylenes	11.60	106	90636	38.706	ug/l	99
68) o-Xylene	11.92	106	44027	19.700	ug/l	100
69) Styrene	11.94	104	72720	18.910	ug/l	98
70) Isopropylbenzene	12.22	105	116061	19.167	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	32858	19.642	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	46284	29.009	ug/l	66
73) Bromobenzene	12.50	156	23558	18.730	ug/l	87
74) n-propylbenzene	12.57	91	137284	19.068	ug/l	99
75) 2-Chlorotoluene	12.65	91	79464	19.247	ug/l	96
76) 1,3,5-Trimethylbenzene	12.71	105	96518	18.994	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	11962	18.014	ug/l	93
78) 4-Chlorotoluene	12.75	91	82066	18.982	ug/l	99
79) tert-butylbenzene	12.97	119	81027	19.195	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	97257	19.175	ug/l	98
81) sec-Butylbenzene	13.15	105	112652	19.372	ug/l	99
82) p-Isopropyltoluene	13.26	119	99052	18.916	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	43415	18.573	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	43015	18.593	ug/l	97
85) n-Butylbenzene	13.59	91	89756	18.515	ug/l	97
86) Hexachloroethane	13.85	117	13351	18.290	ug/l	80
87) 1,2-Dichlorobenzene	13.63	146	41525	18.727	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7066	19.819	ug/l	91
89) 1,2,4-Trichlorobenzene	14.89	180	23730	18.627	ug/l	99
90) Hexachlorobutadiene	14.99	225	9611	18.519	ug/l	97
91) Naphthalene	15.11	128	76621	19.122	ug/l	100
92) 1,2,3-Trichlorobenzene	15.29	180	23039	18.620	ug/l	97

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QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

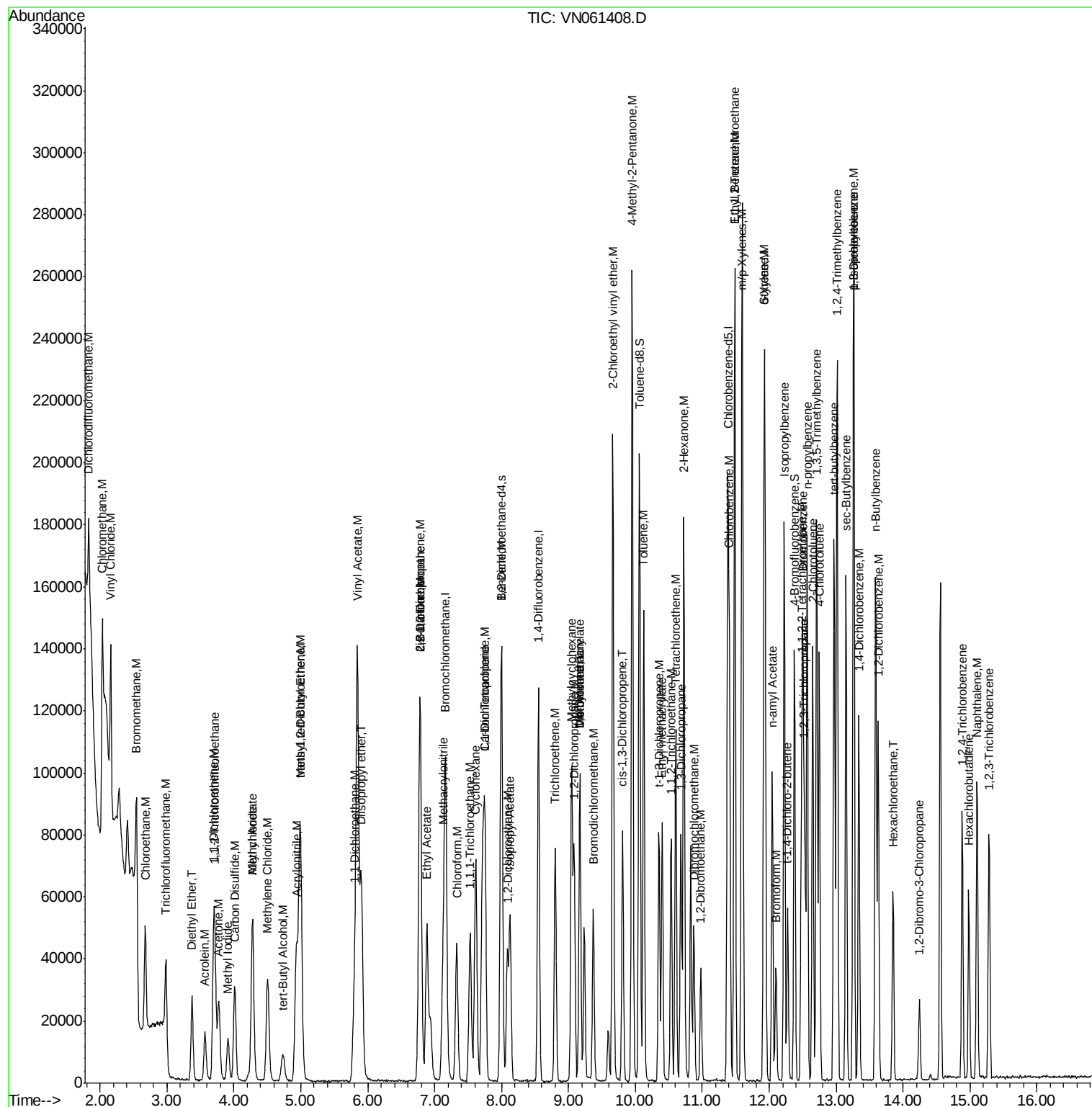
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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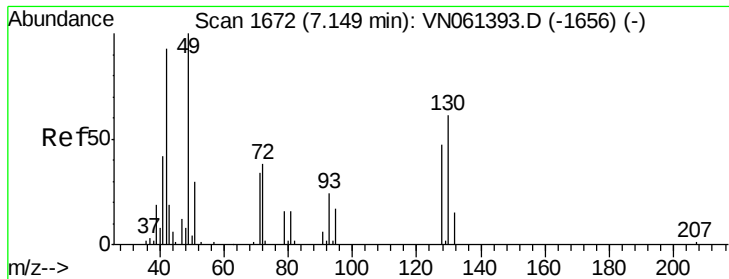
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 15 05:56:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampled :

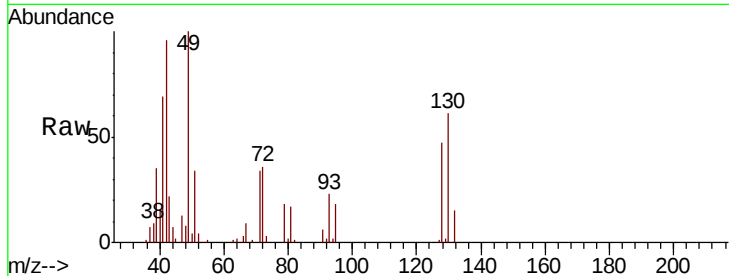
Tot Ion:128 Resp: 17255

Ion Ratio Lower Upper

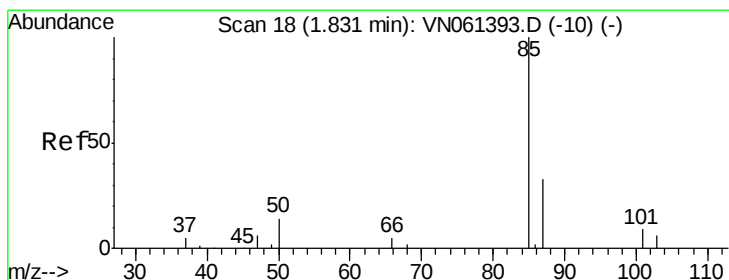
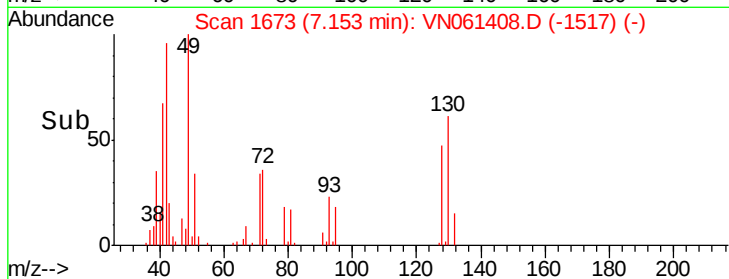
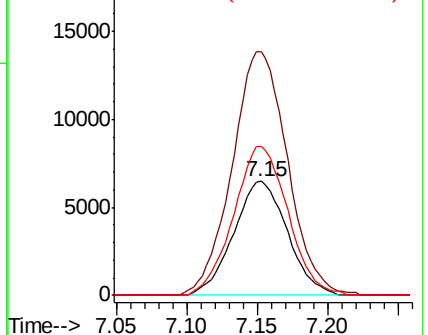
128 100

49 220.3 0.0 453.5

130 132.0 0.0 314.2



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



#2

Dichlorodifluoromethane

Concen: 18.632 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061408.D

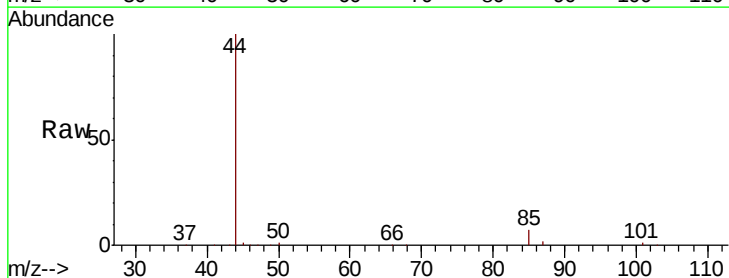
Acq: 14 May 2020 21:34

Tgt Ion: 85 Resp: 14638

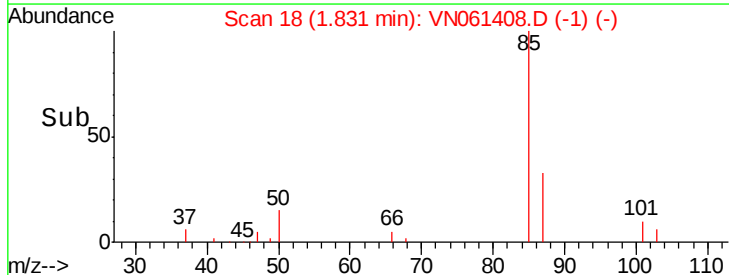
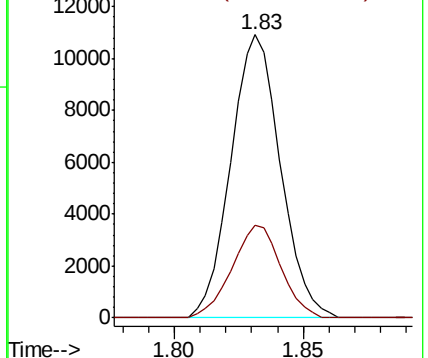
Ion Ratio Lower Upper

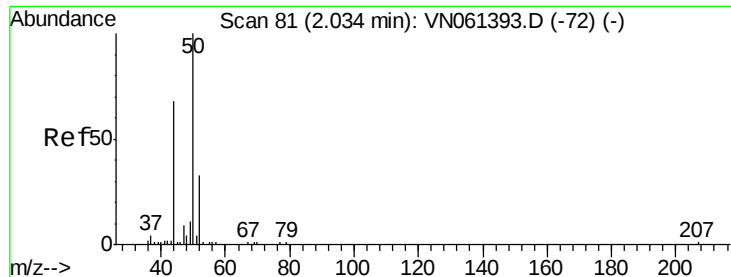
85 100

87 32.8 15.7 47.0



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





#3

Chloromethane

Concen: 21.171 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

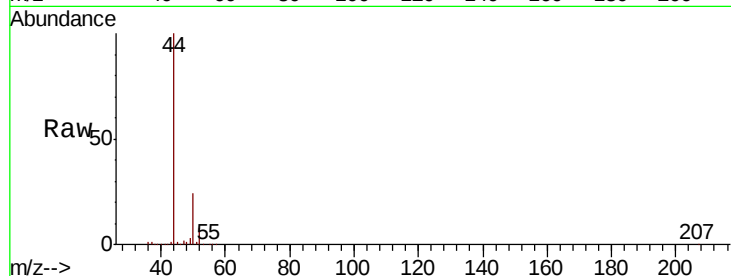
ClientSampled :

Tot Ion: 50 Resp: 30411

Ion Ratio Lower Upper

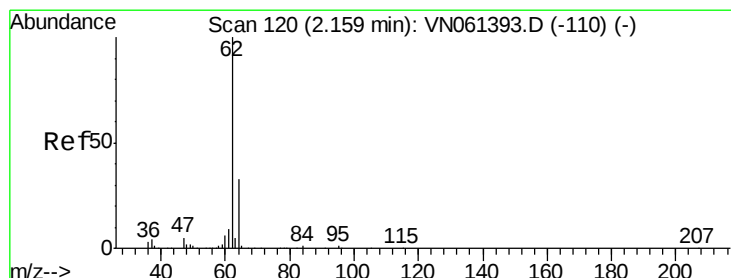
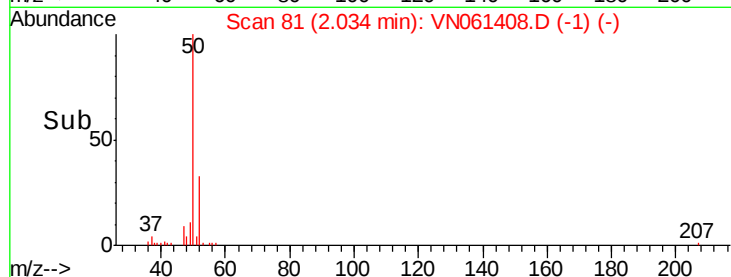
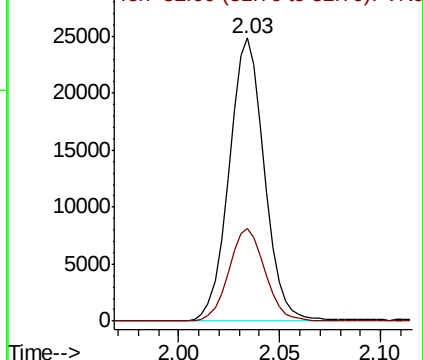
50 100

52 32.8 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 21.969 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061408.D

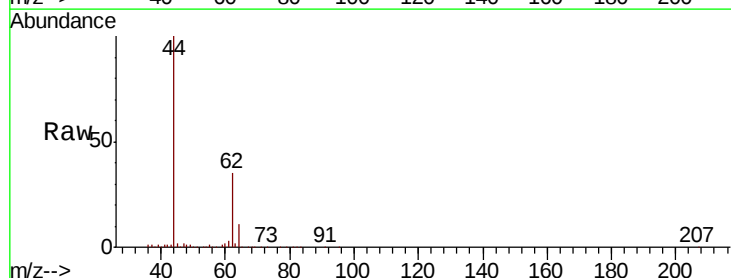
Acq: 14 May 2020 21:34

Tgt Ion: 62 Resp: 42303

Ion Ratio Lower Upper

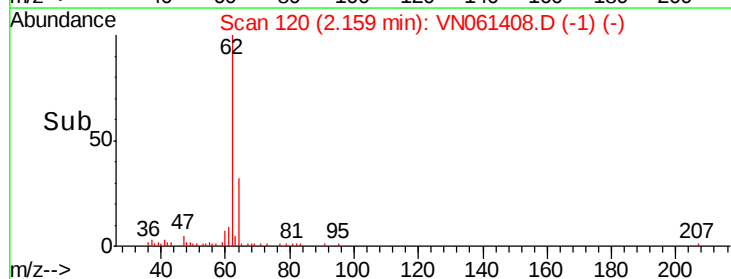
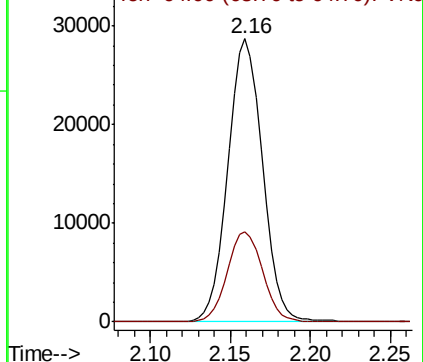
62 100

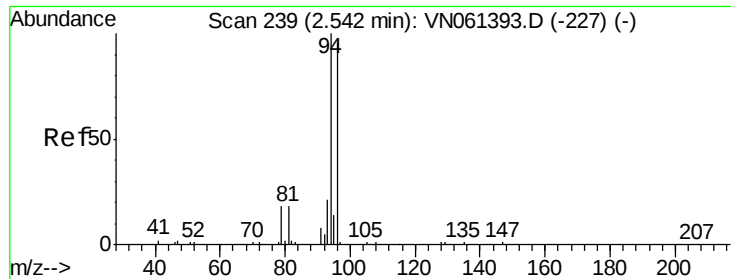
64 31.8 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

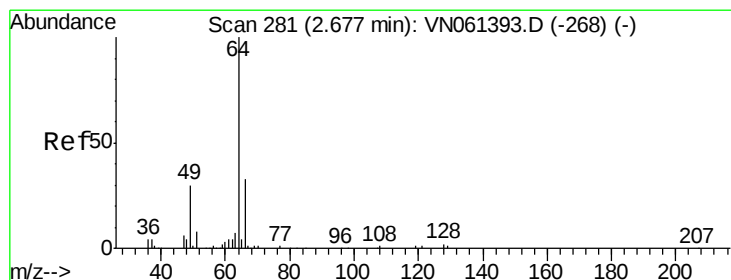
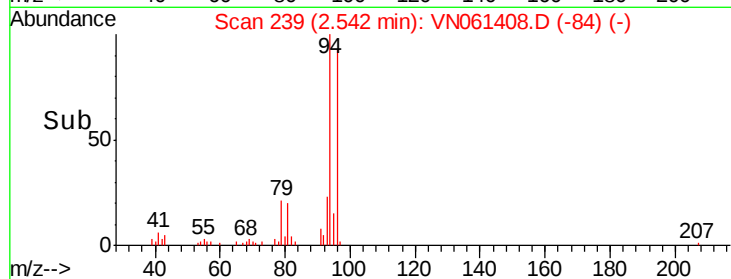
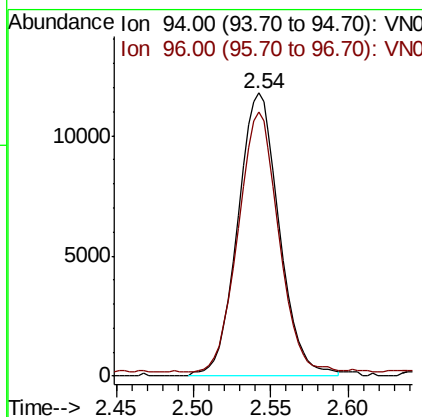
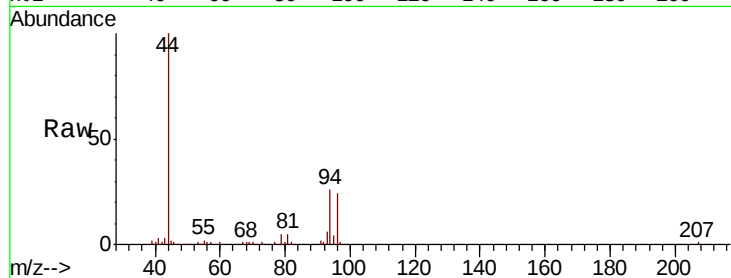




#5
Bromomethane
Concen: 22.486 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

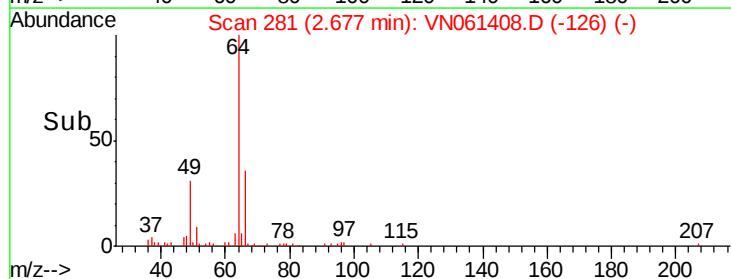
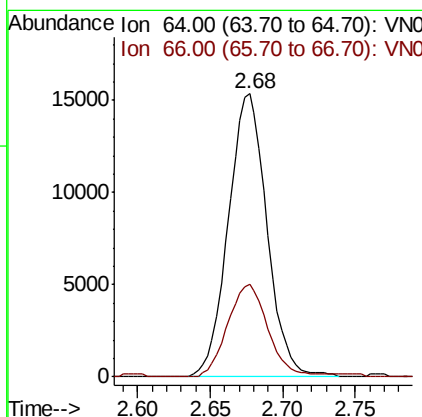
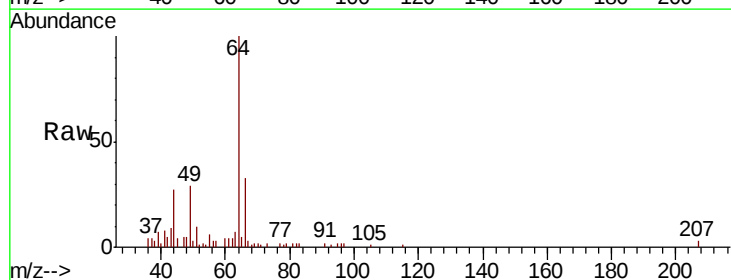
Instrument :
MSVOA_N
ClientSampled :

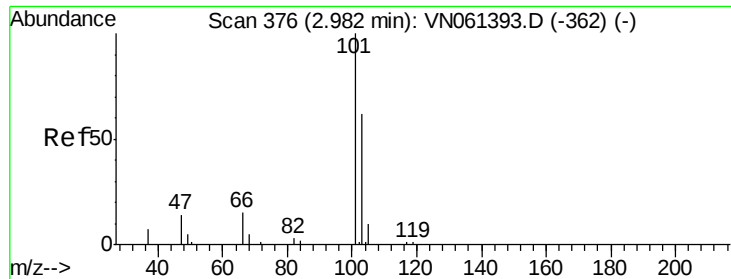
Tot Ion: 94 Resp: 21993
Ion Ratio Lower Upper
94 100
96 91.7 73.7 110.5



#6
Chloroethane
Concen: 21.815 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 64 Resp: 28421
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8



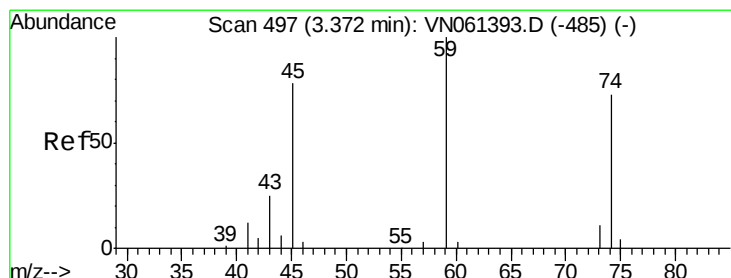
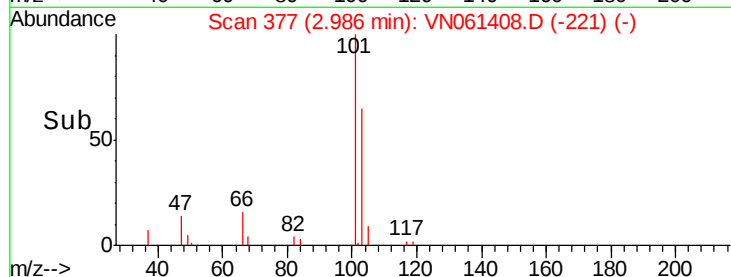
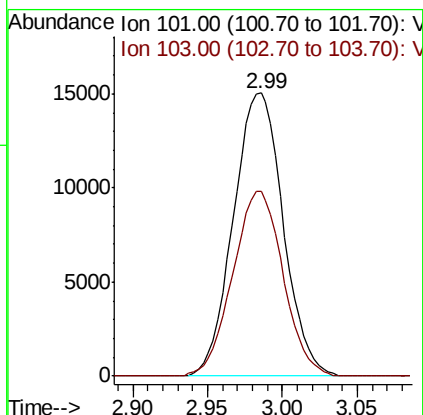
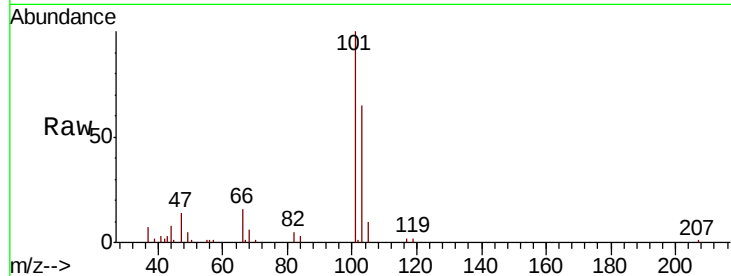


#7

Trichlorofluoromethane
 Concen: 16.914 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Instrument :
 MSVOA_N
 ClientSampled :

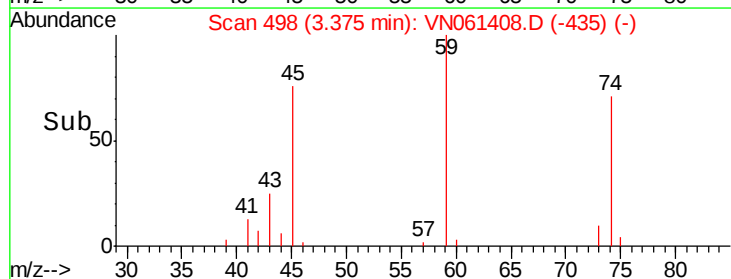
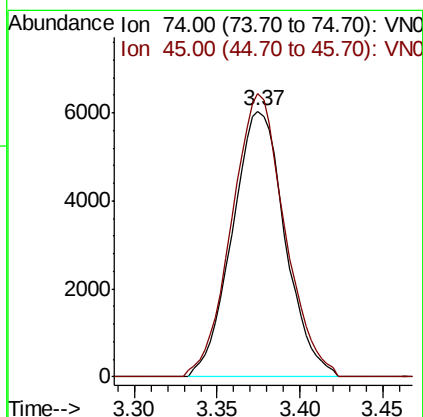
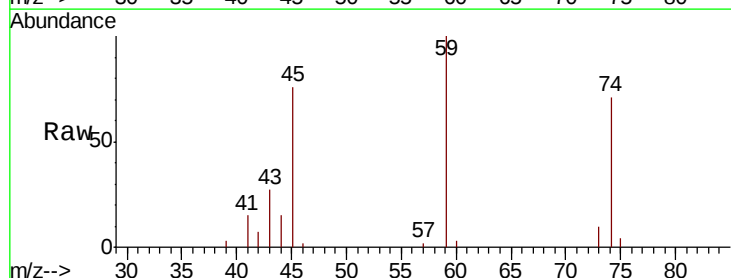
Tot Ion:101 Resp: 34858
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.5 77.3

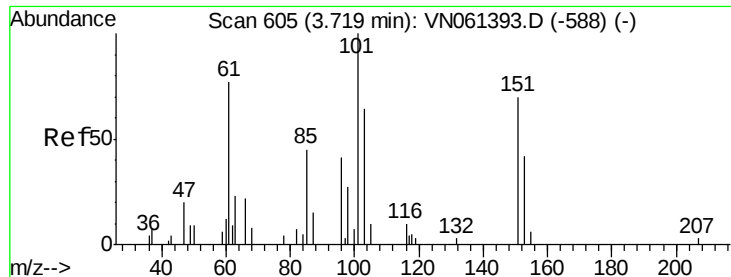


#8

Diethyl Ether
 Concen: 20.365 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 74 Resp: 13348
 Ion Ratio Lower Upper
 74 100
 45 107.2 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.583 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

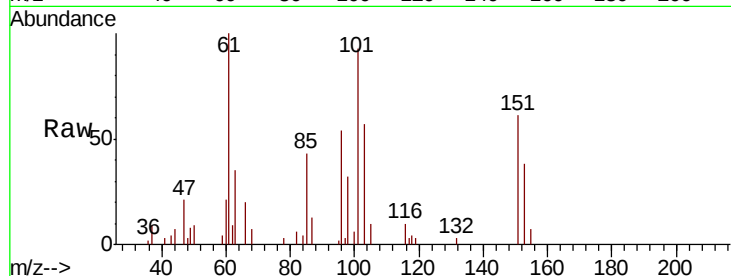
Tot Ion:101 Resp: 18120

Ion Ratio Lower Upper

101 100

85 47.9 0.0 93.8

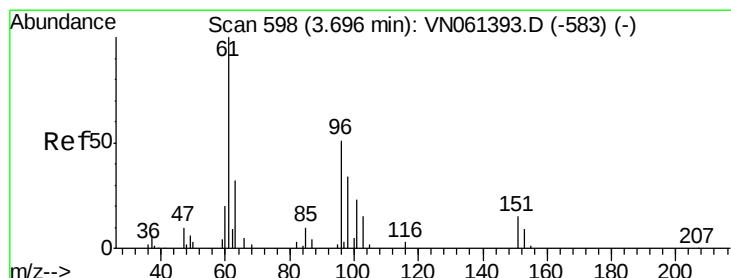
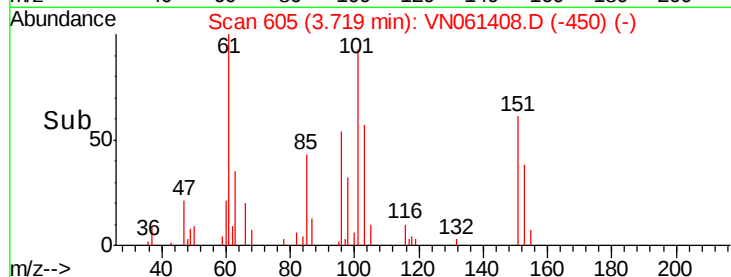
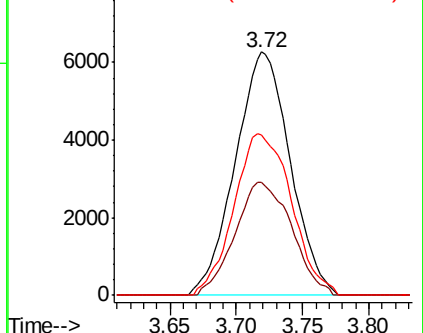
151 69.5 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.251 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

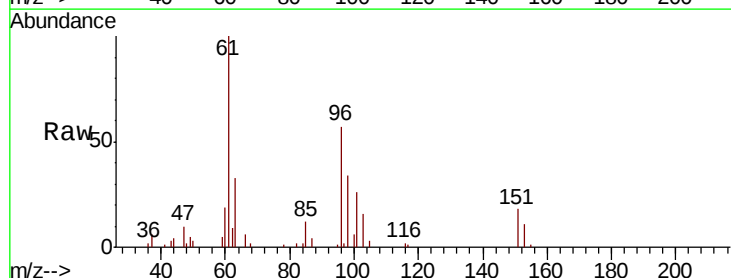
Tgt Ion: 96 Resp: 18769

Ion Ratio Lower Upper

96 100

61 174.7 148.5 222.7

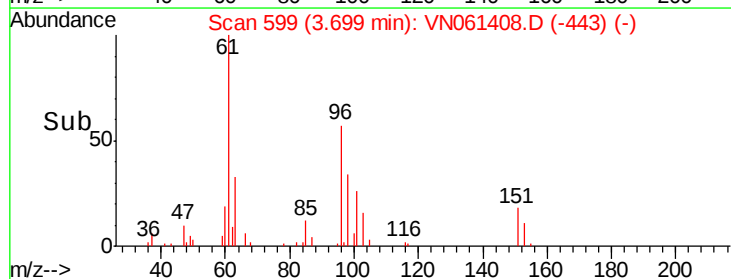
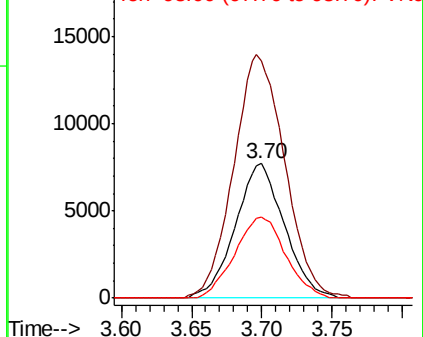
98 60.7 51.0 76.6

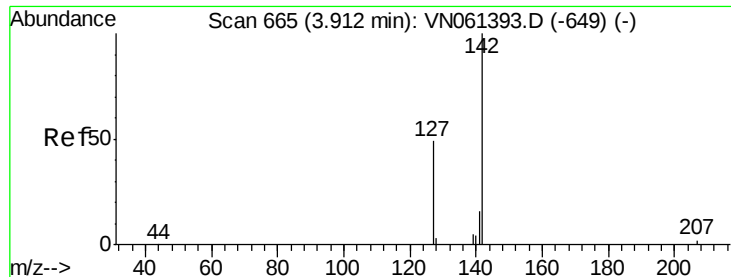


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

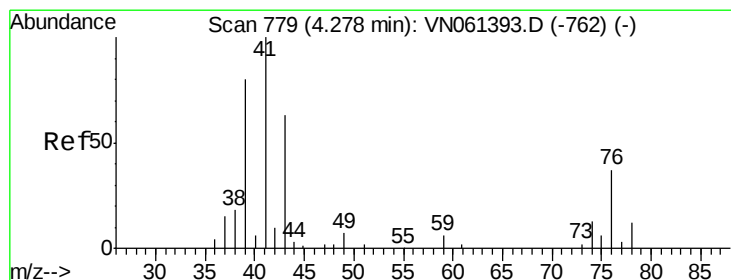
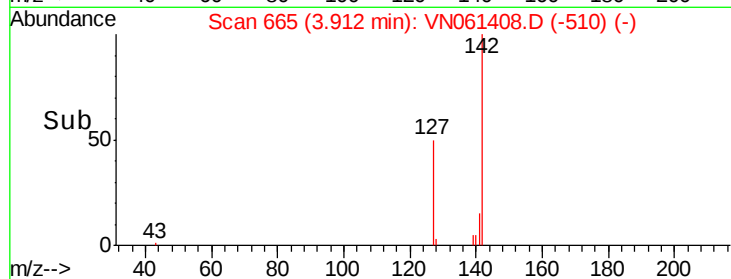
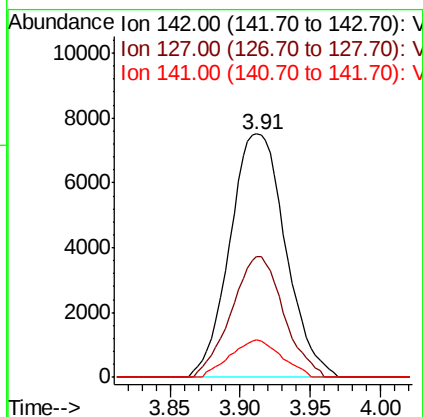
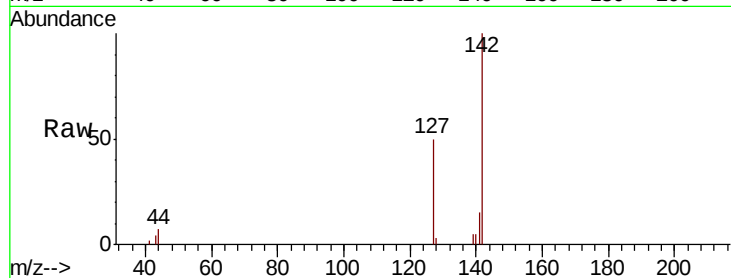




#11
Methvl Iodide
Concen: 20.624 ug/l
RT: 3.91 min Scan# 665
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

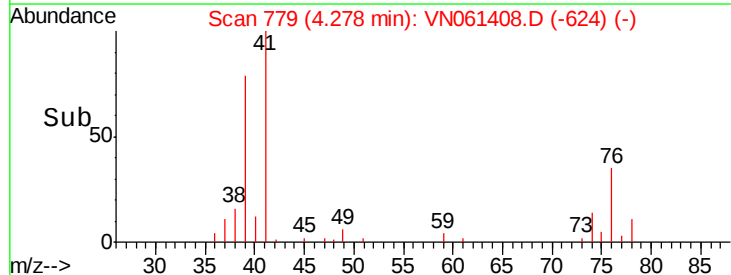
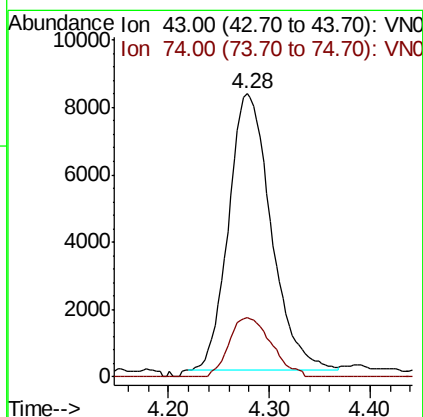
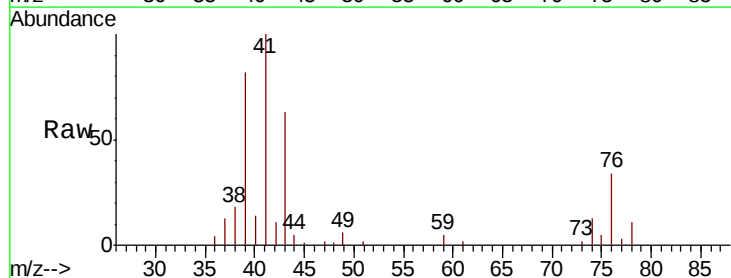
Instrument :
MSVOA_N
ClientSampled :

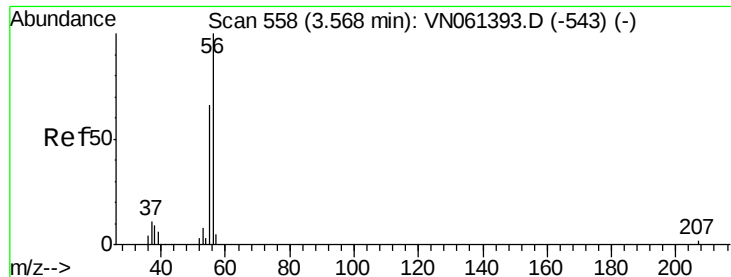
Tot Ion:142 Resp: 20688
Ion Ratio Lower Upper
142 100
127 49.7 23.5 70.6
141 15.4 7.4 22.2



#12
Methyl Acetate
Concen: 21.446 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 43 Resp: 24140
Ion Ratio Lower Upper
43 100
74 21.5 18.1 27.1





#13

Acrolein

Concen: 91.982 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

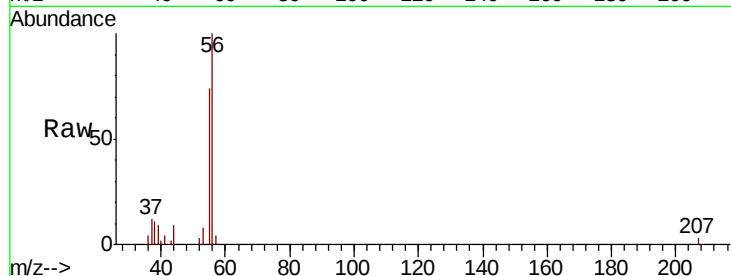
ClientSampleId :

Tot Ion: 56 Resp: 17433

Ion Ratio Lower Upper

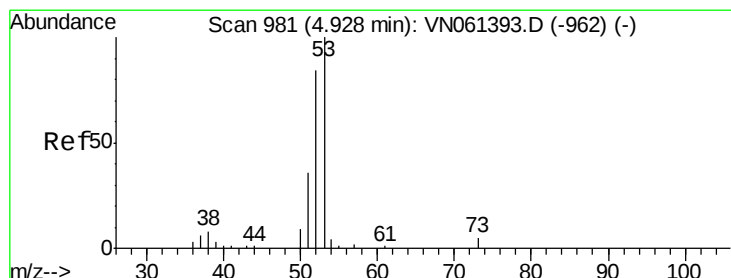
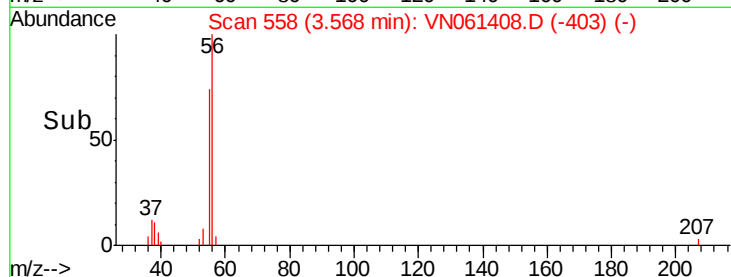
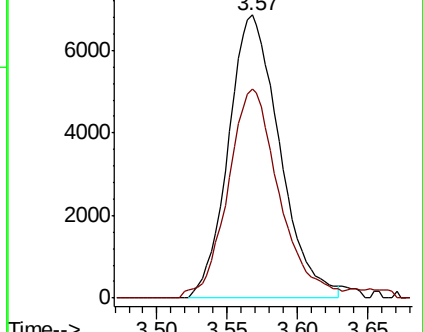
56 100

55 73.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN061408.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061408.D (-543) (-)



#14

Acrylonitrile

Concen: 104.402 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

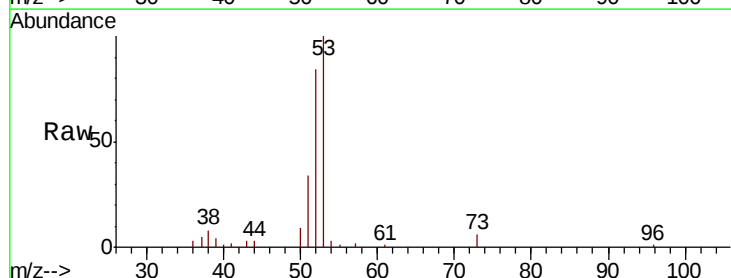
Tgt Ion: 53 Resp: 55162

Ion Ratio Lower Upper

53 100

52 82.2 42.2 126.6

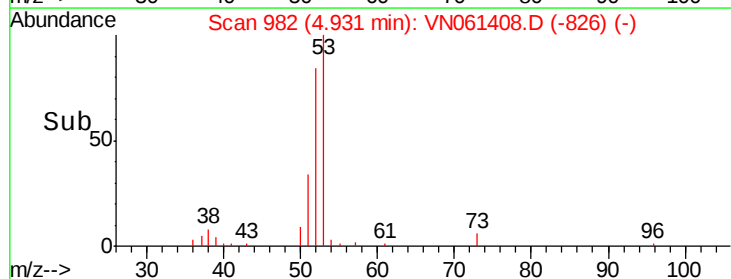
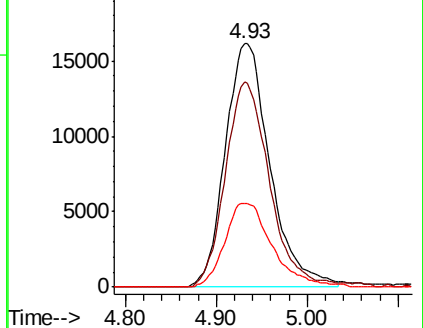
51 36.3 18.8 56.4

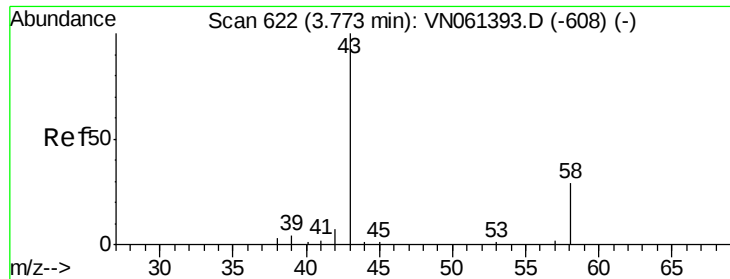


Abundance Ion 53.00 (52.70 to 53.70): VN061408.D (-826) (-)

Ion 52.00 (51.70 to 52.70): VN061408.D (-826) (-)

Ion 51.00 (50.70 to 51.70): VN061408.D (-826) (-)





#15

Acetone

Concen: 94.901 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

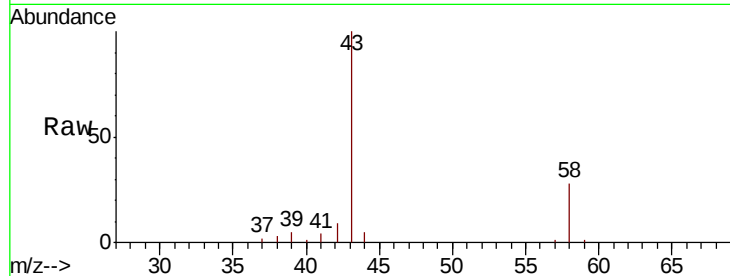
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 58 Resp: 12041

Ion Ratio Lower Upper

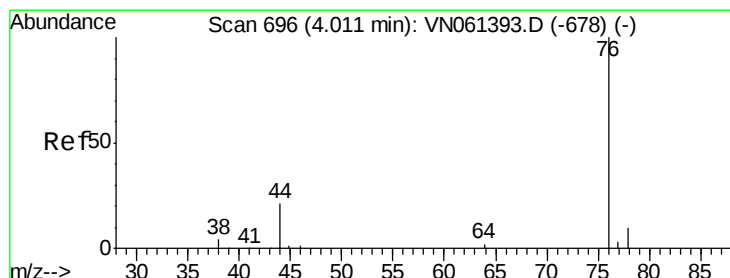
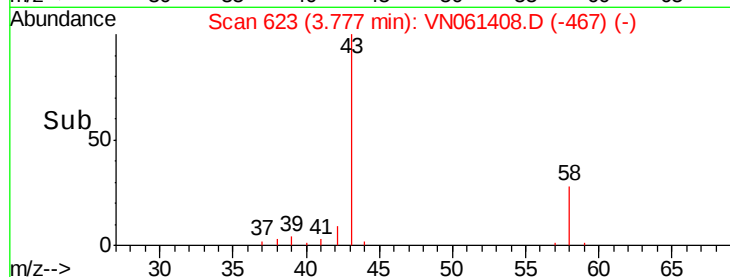
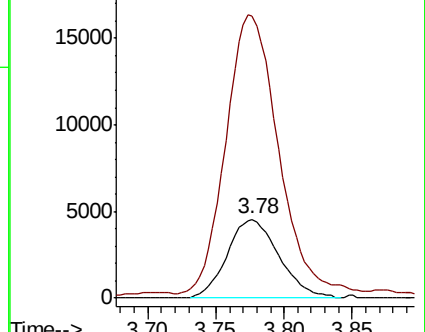
58 100

43 345.5 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN061408.D (-467) (-)

Ion 43.00 (42.70 to 43.70): VN061408.D (-467) (-)



#16

Carbon Disulfide

Concen: 21.967 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.00 min

Lab File: VN061408.D

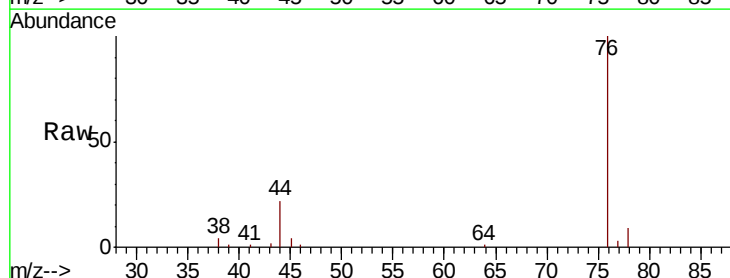
Acq: 14 May 2020 21:34

Tgt Ion: 76 Resp: 57234

Ion Ratio Lower Upper

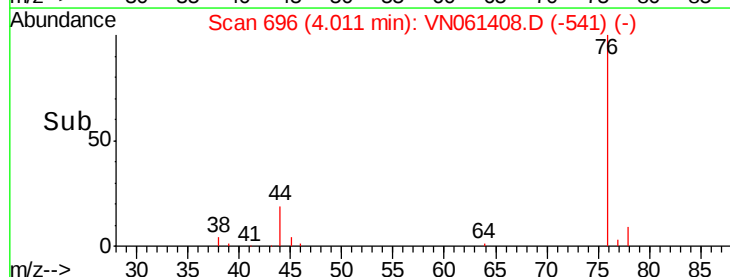
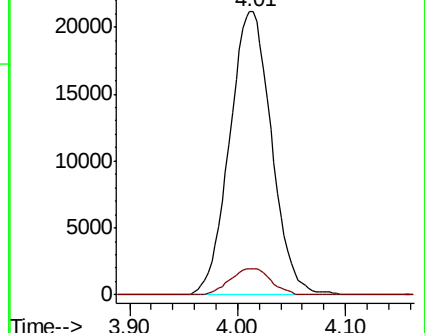
76 100

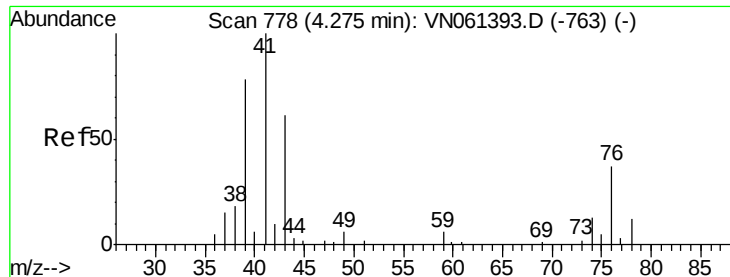
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN061408.D (-541) (-)

Ion 78.00 (77.70 to 78.70): VN061408.D (-541) (-)

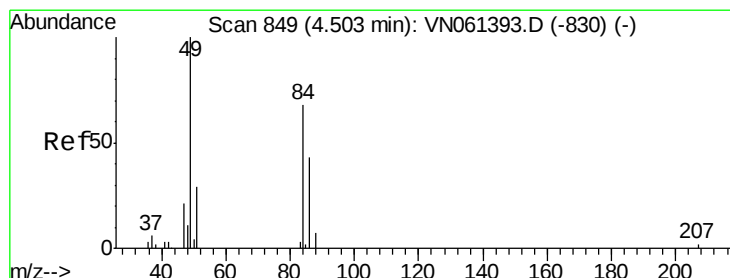
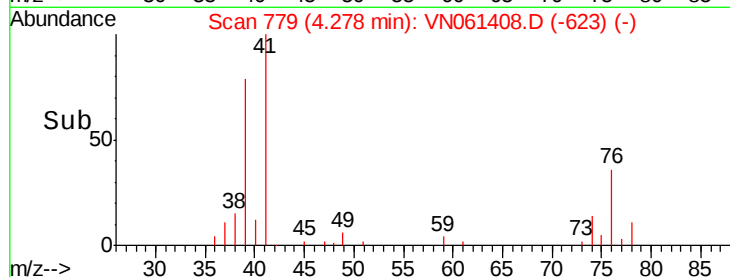
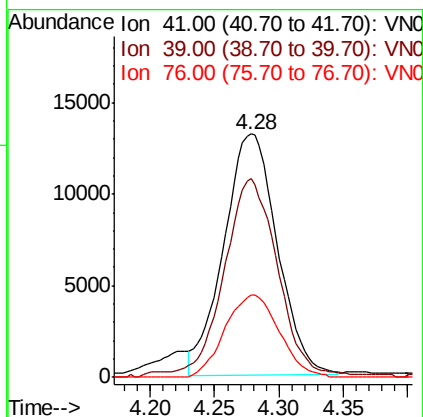
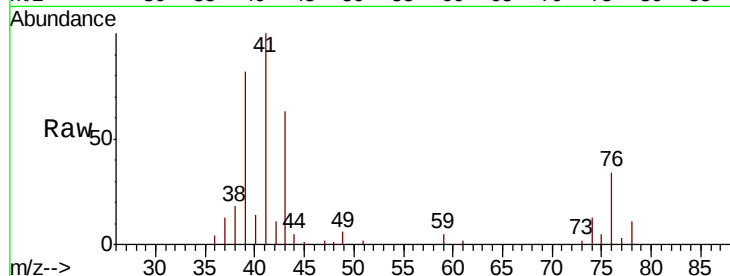




#17
Allvl chloride
Concen: 20.375 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

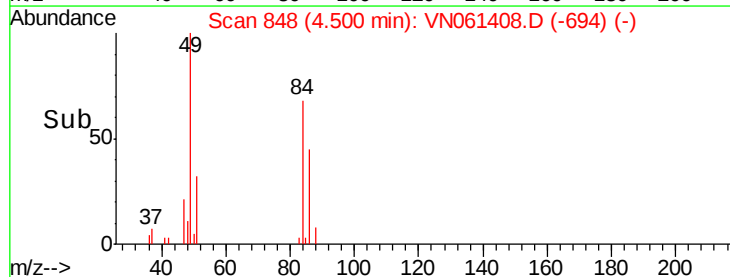
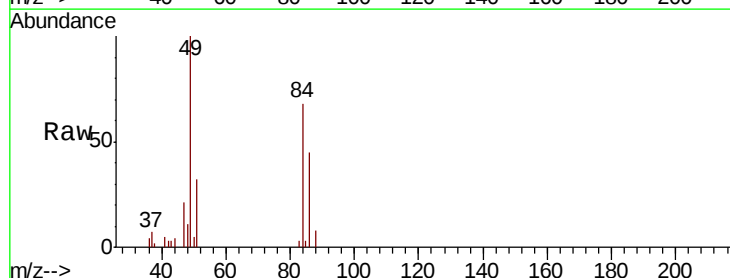
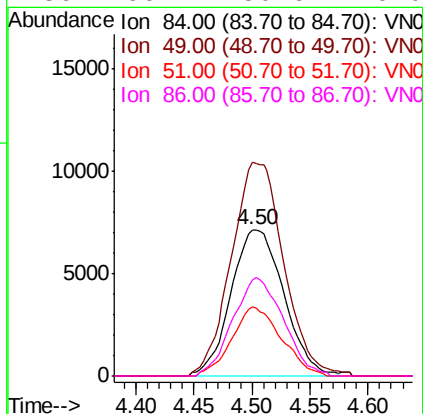
Instrument :
MSVOA_N
ClientSampleId :

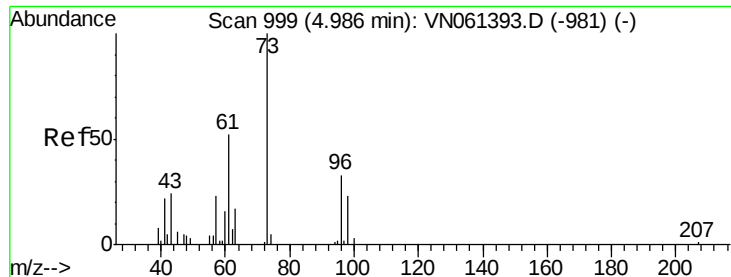
Tot Ion: 41 Resp: 38011
Ion Ratio Lower Upper
41 100
39 81.2 39.6 118.8
76 34.7 17.6 52.9



#18
Methylene Chloride
Concen: 20.274 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 84 Resp: 22677
Ion Ratio Lower Upper
84 100
49 146.1 106.6 160.0
51 47.3 32.4 48.6
86 66.1 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 19.651 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampled :

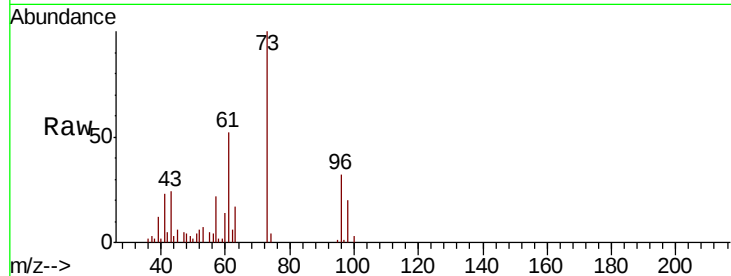
Tot Ion: 96 Resp: 21676

Ion Ratio Lower Upper

96 100

61 159.9 131.8 197.6

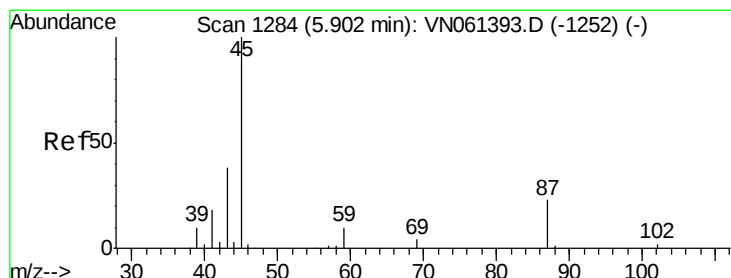
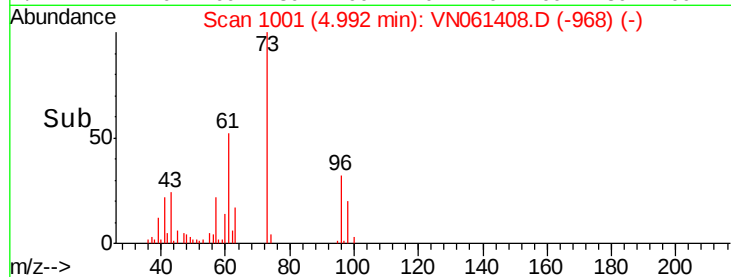
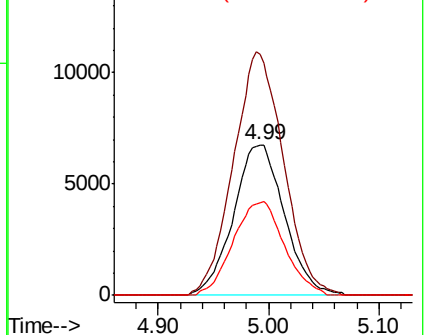
98 61.9 52.6 79.0



Abundance Ion 96.00 (95.70 to 96.70): VN061408.D (-968) (-)

Ion 61.00 (60.70 to 61.70): VN061408.D (-968) (-)

Ion 98.00 (97.70 to 98.70): VN061408.D (-968) (-)



#20

Diisopropyl ether

Concen: 20.246 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Tgt Ion: 45 Resp: 87926

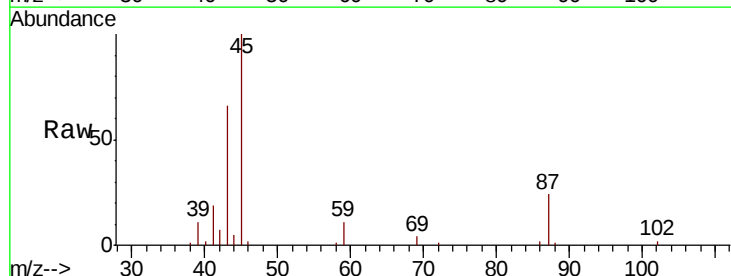
Ion Ratio Lower Upper

45 100

43 62.8 54.7 82.1

87 23.8 21.5 32.3

59 10.9 8.7 13.1

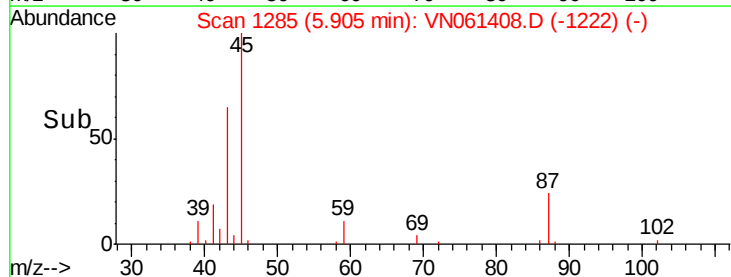
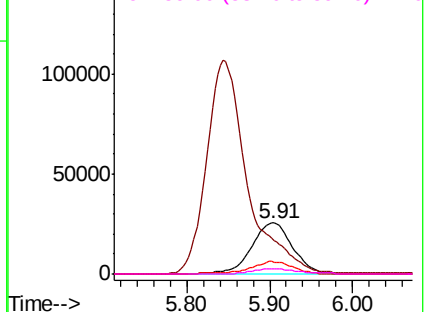


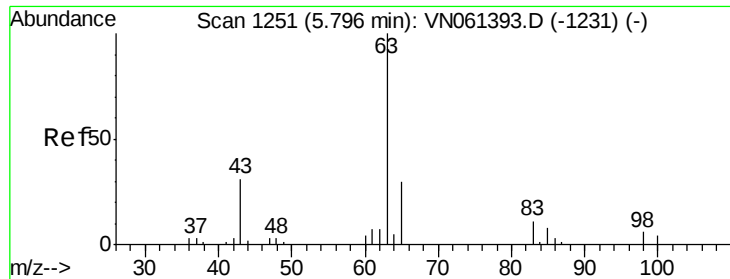
Abundance Ion 45.00 (44.70 to 45.70): VN061408.D (-1222) (-)

Ion 43.00 (42.70 to 43.70): VN061408.D (-1222) (-)

Ion 87.00 (86.70 to 87.70): VN061408.D (-1222) (-)

Ion 59.00 (58.70 to 59.70): VN061408.D (-1222) (-)

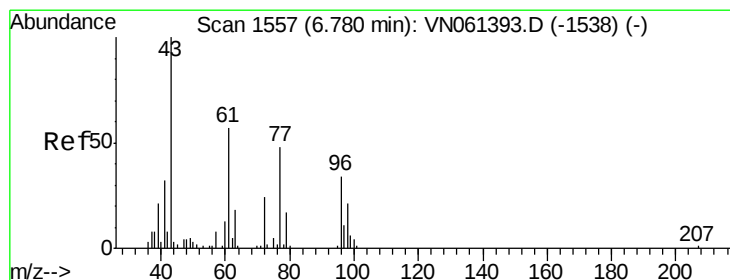
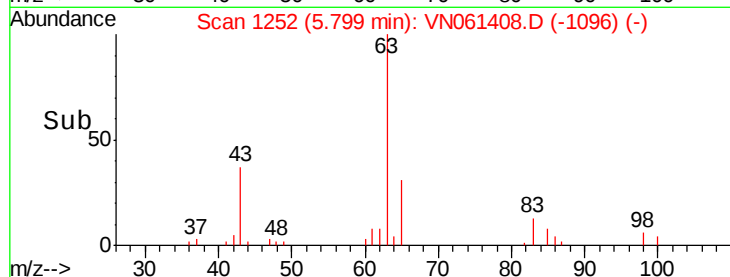
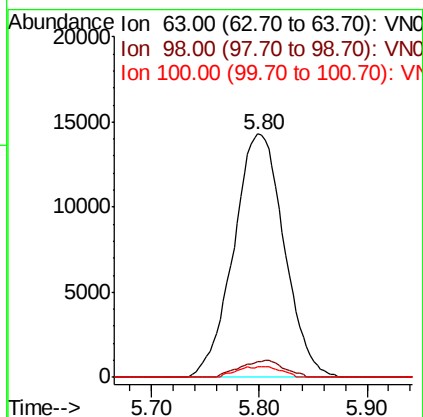
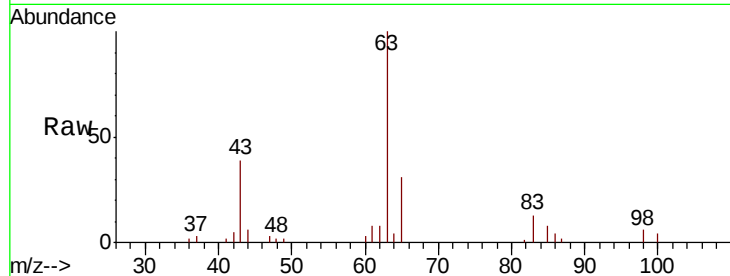




#21
 1,1-Dichloroethane
 Concen: 20.505 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

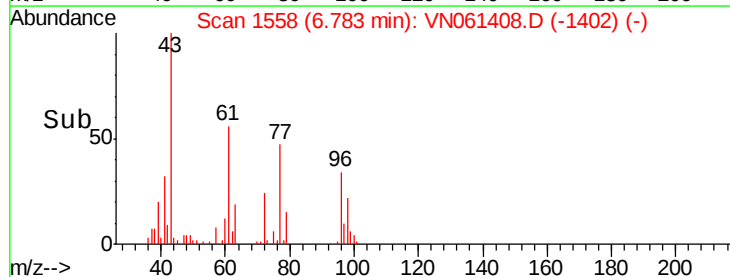
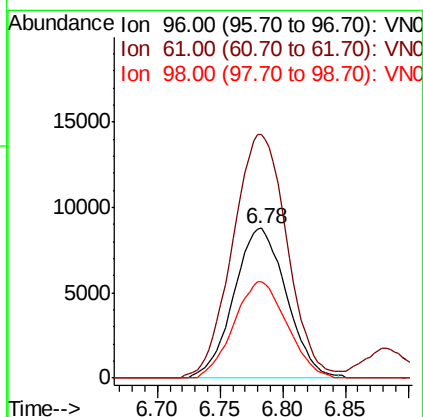
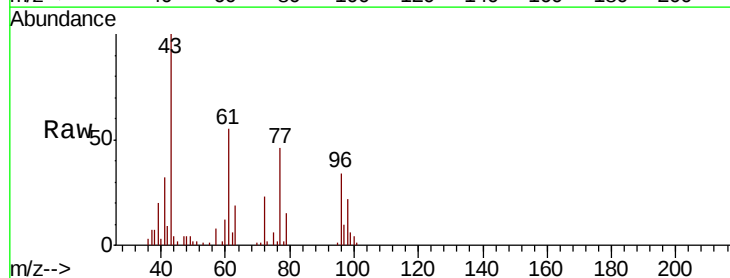
Instrument :
 MSVOA_N
 ClientSampleId :

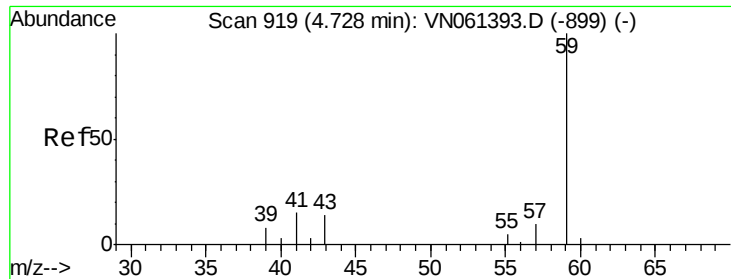
Tot Ion:	63	Resp:	46499
Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.9	8.6
100	4.2	1.8	5.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.784 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion:	96	Resp:	25588
Ion	Ratio	Lower	Upper
96	100		
61	168.4	127.2	190.8
98	64.9	50.5	75.7



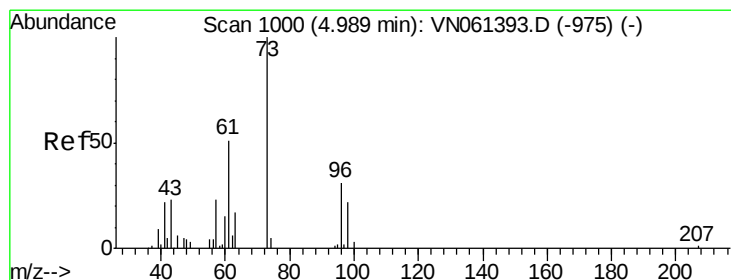
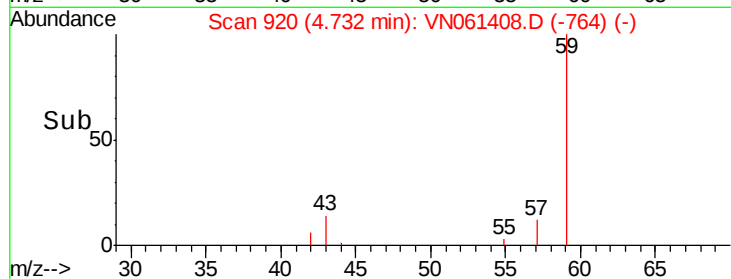
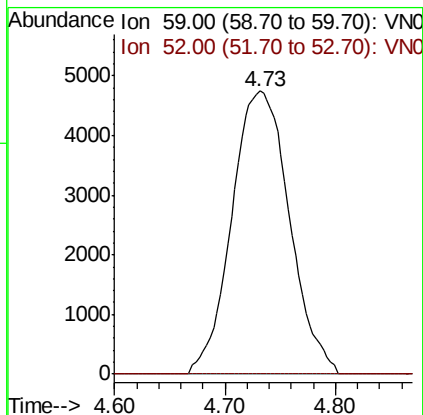
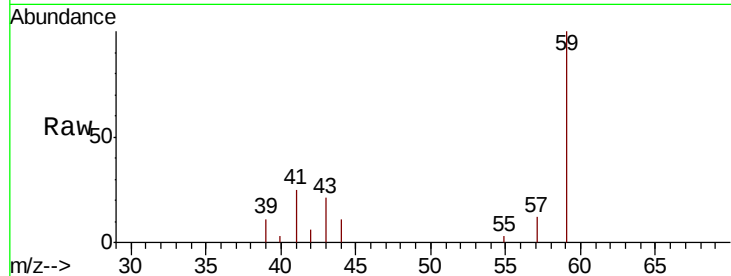


#23

tert-Butyl Alcohol
 Concen: 101.432 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Instrument :
 MSVOA_N
 ClientSampled :

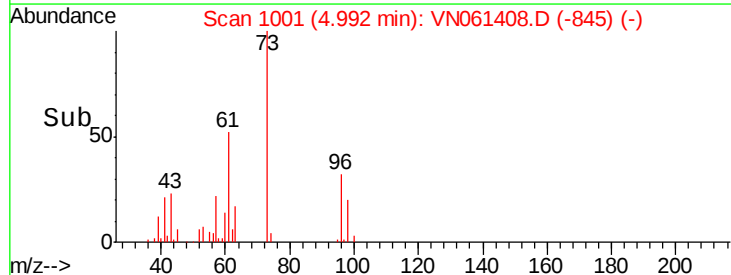
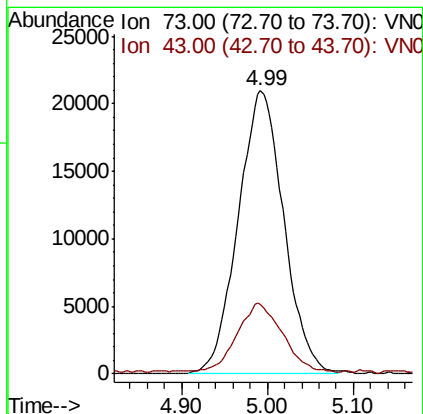
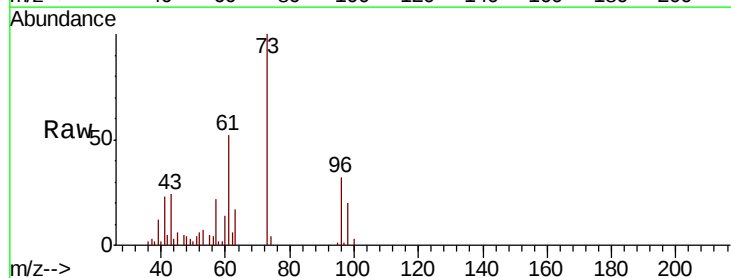
Tot Ion: 59 Resp: 17179
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

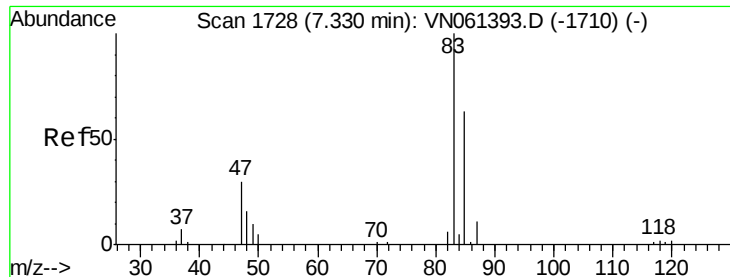


#24

Methyl tert-Butyl Ether
 Concen: 20.531 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 73 Resp: 77226
 Ion Ratio Lower Upper
 73 100
 43 23.4 17.9 26.9





#25

Chloroform

Concen: 20.218 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

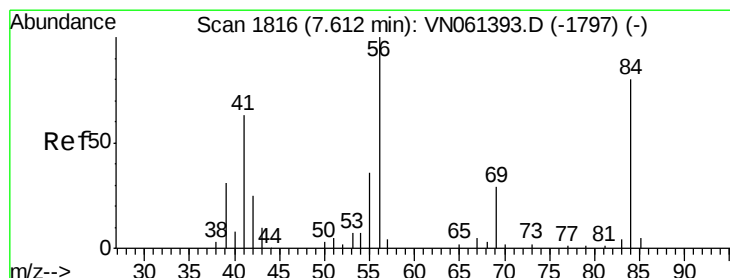
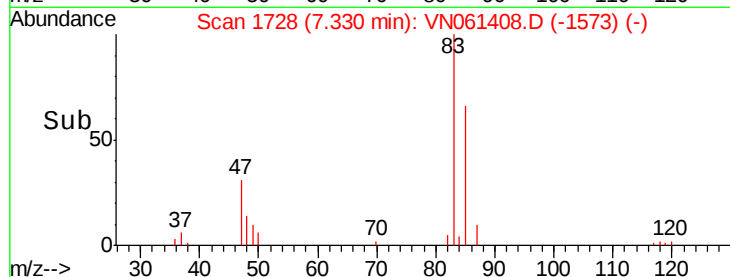
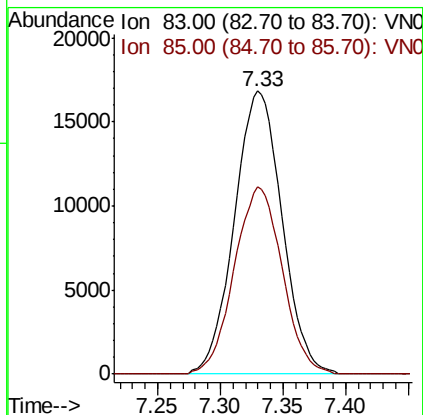
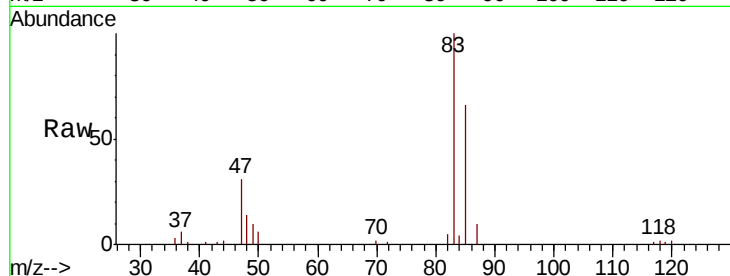
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 44445

Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.8



#26

Cyclohexane

Concen: 20.338 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

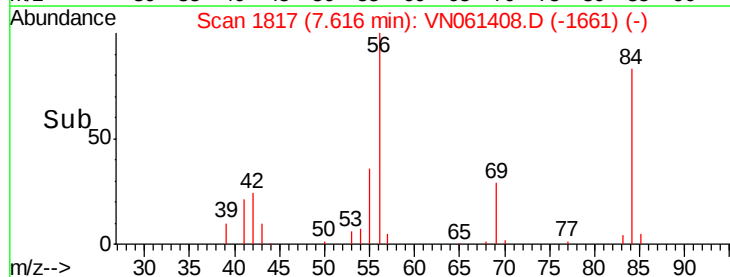
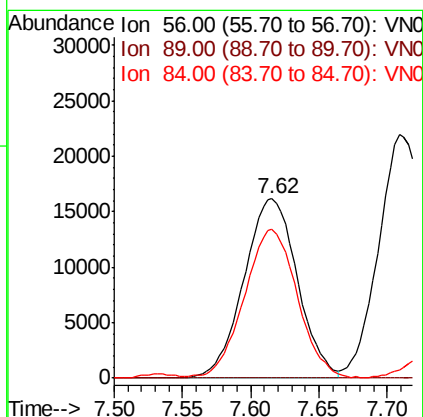
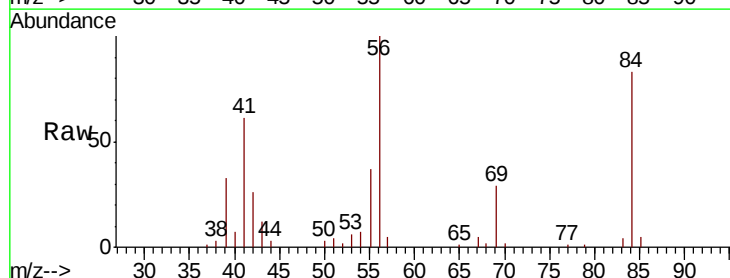
Tgt Ion: 56 Resp: 44041

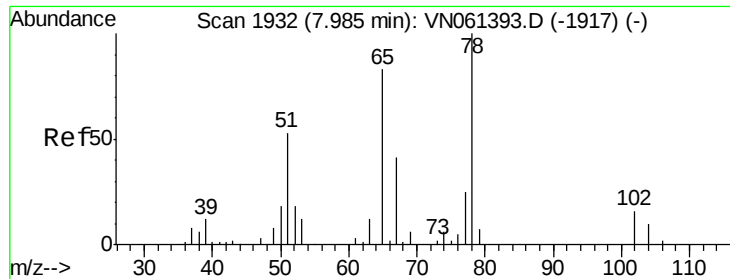
Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

84 82.2 65.6 98.4

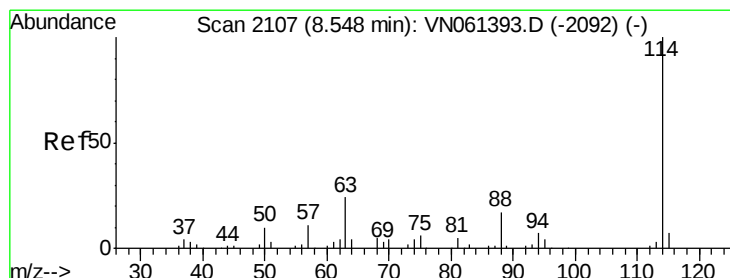
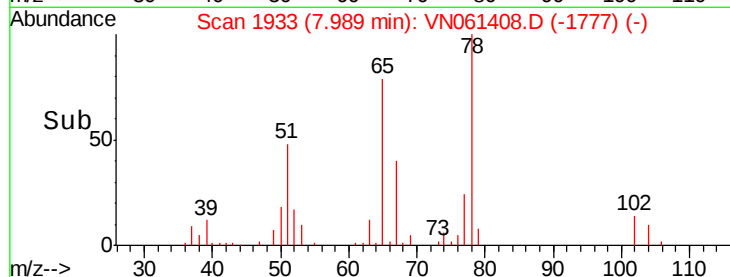
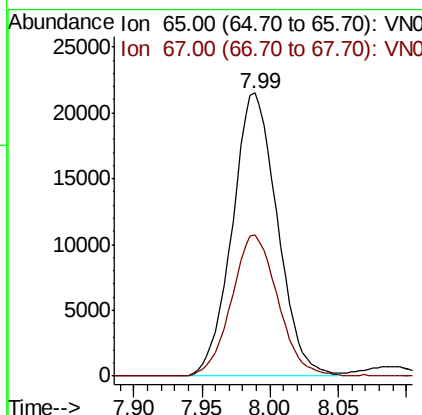
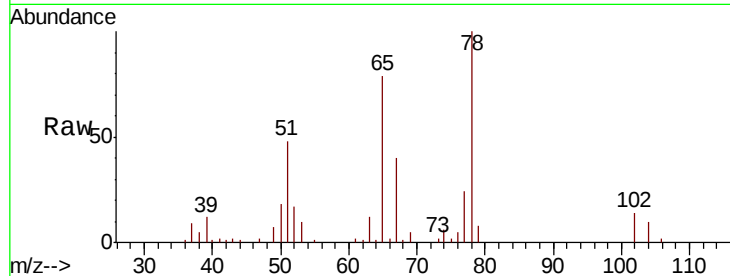




#27
 1,2-Dichloroethane-d4
 Concen: 32.017 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

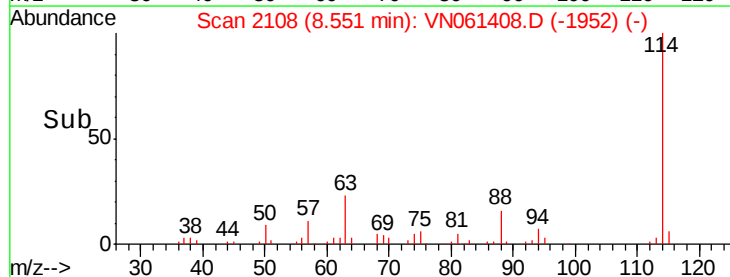
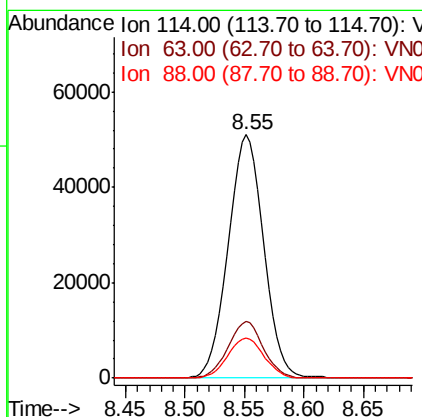
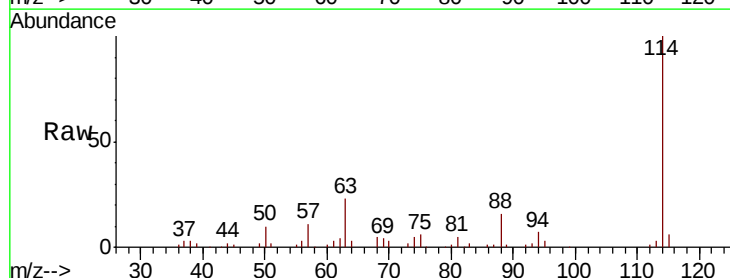
Instrument :
 MSVOA_N
 ClientSampled :

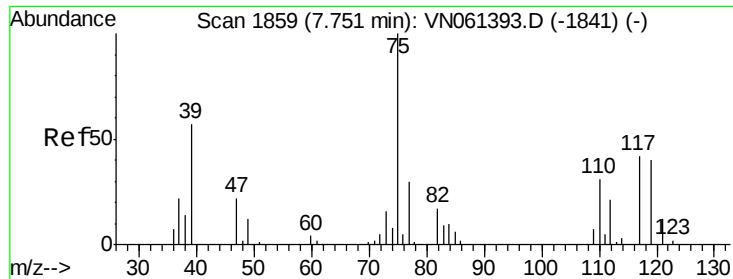
Tot Ion: 65 Resp: 49474
 Ion Ratio Lower Upper
 65 100
 67 51.1 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 114 Resp: 105498
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.1 27.1
 88 16.8 13.0 19.4





#29

1,1-Dichloropropene

Concen: 19.088 ug/l

RT: 7.75 min Scan# 1860

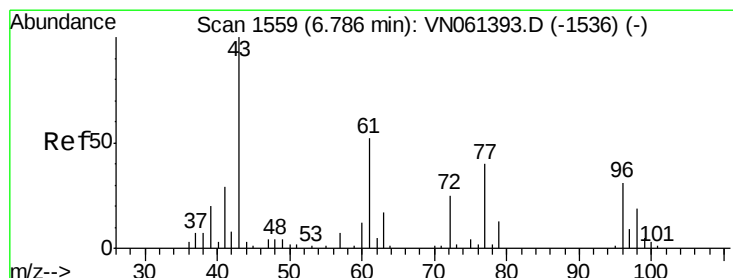
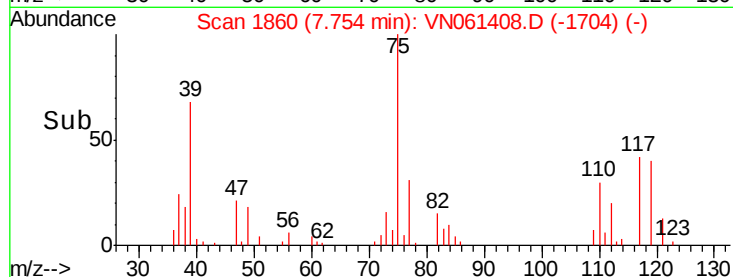
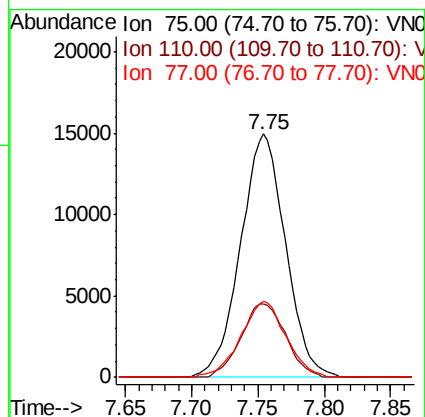
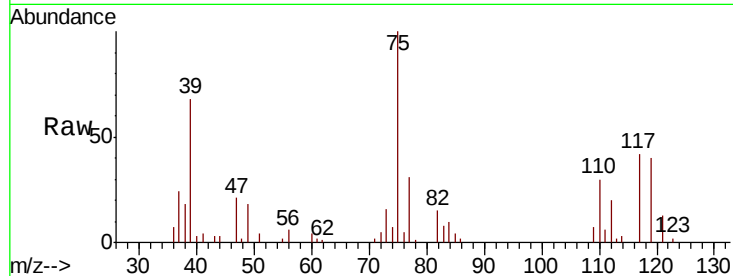
Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	75	Resp:	35337
Ion	Ratio	Lower	Upper
75	100		
110	30.1	0.0	64.6
77	31.3	0.0	60.8



#30

2-Butanone

Concen: 97.764 ug/l

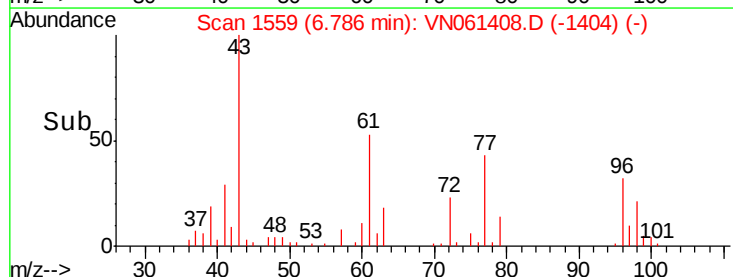
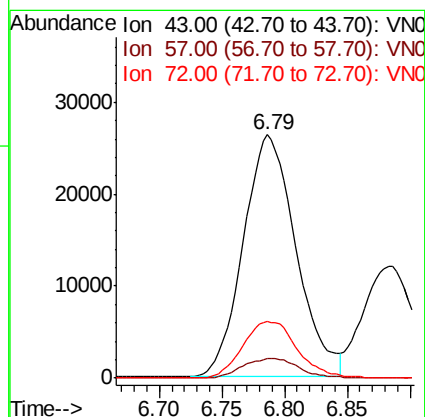
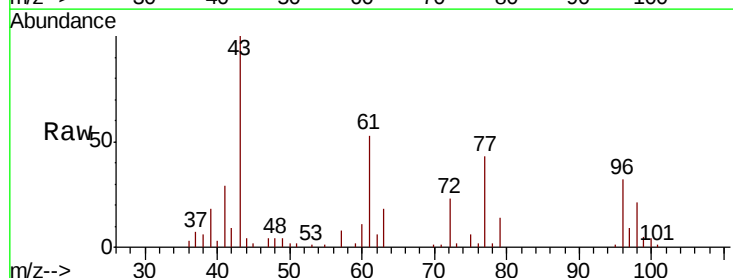
RT: 6.79 min Scan# 1559

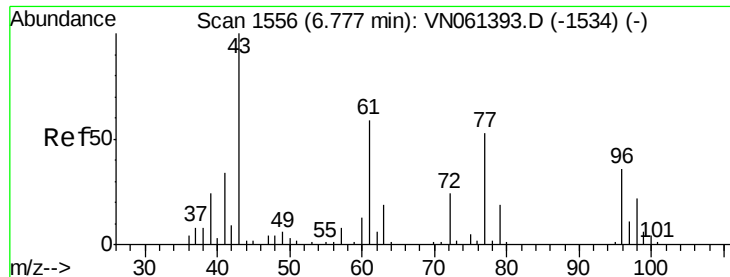
Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Tgt Ion:	43	Resp:	76561
Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.5	9.7
72	24.3	20.1	30.1

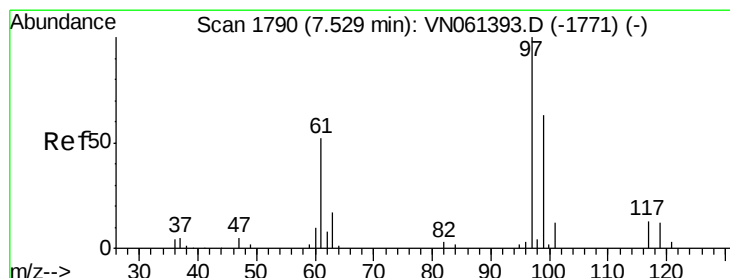
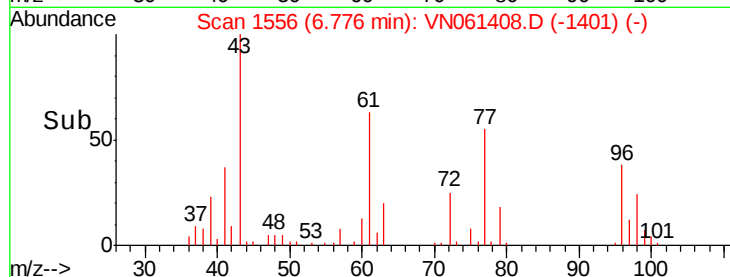
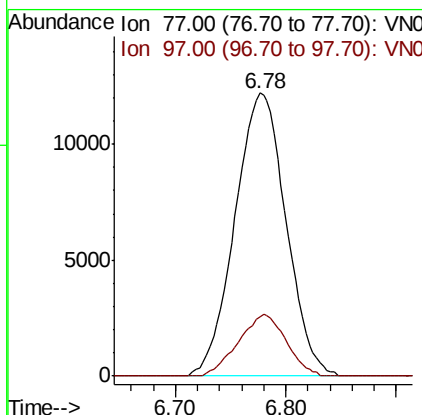
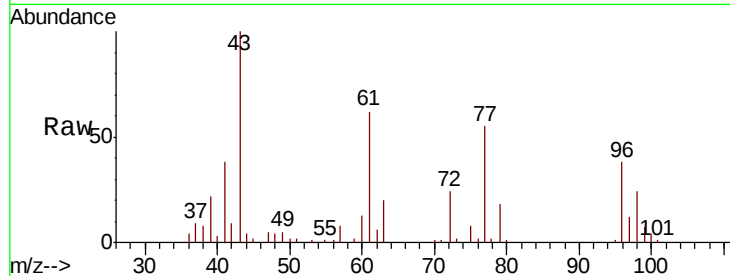




#31
 2,2-Dichloropropane
 Concen: 18.083 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

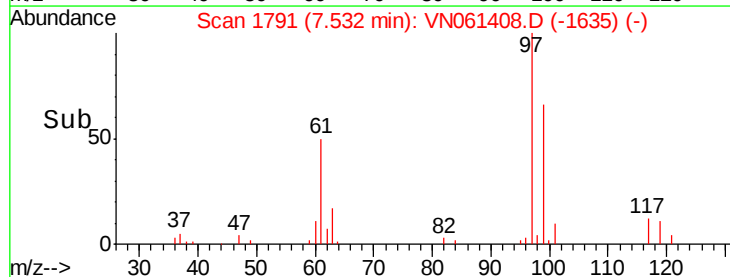
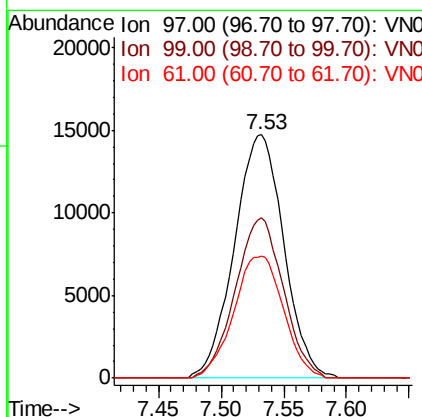
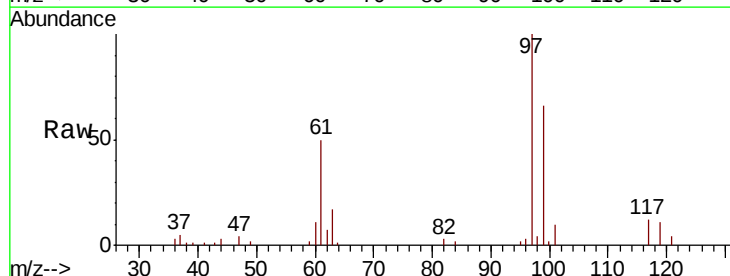
Instrument :
 MSVOA_N
 ClientSampleId :

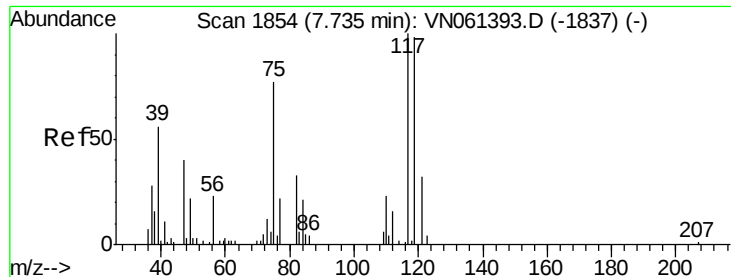
Tot Ion: 77 Resp: 39110
 Ion Ratio Lower Upper
 77 100
 97 20.4 17.9 26.9



#32
 1,1,1-Trichloroethane
 Concen: 19.465 ug/l
 RT: 7.53 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 97 Resp: 40318
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.3 76.9
 61 50.5 38.4 57.6

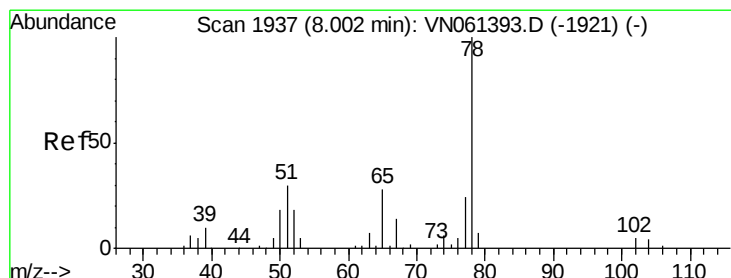
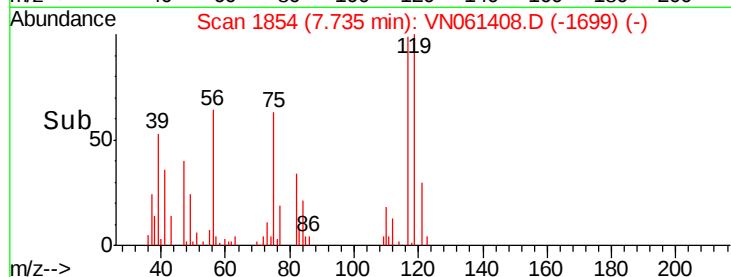
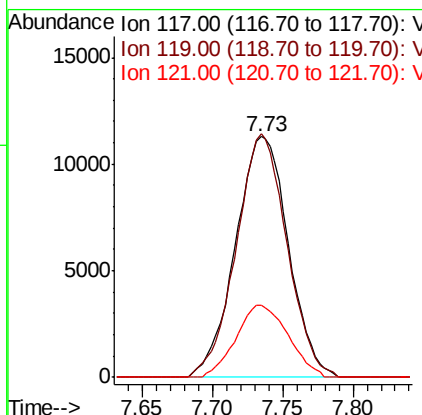
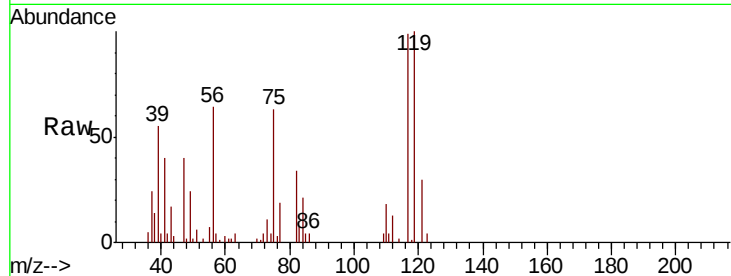




#33
Carbon Tetrachloride
Concen: 18.580 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

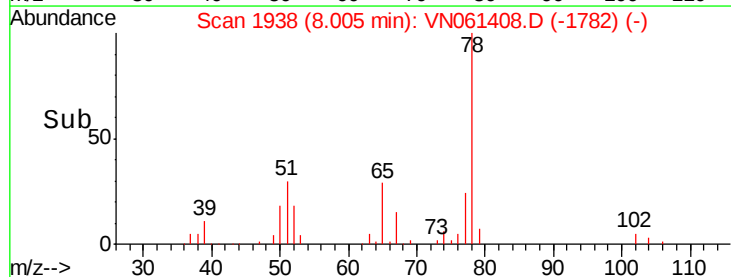
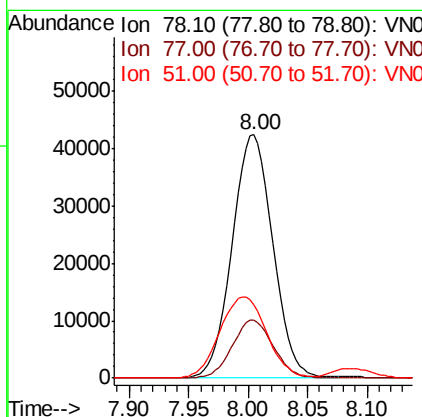
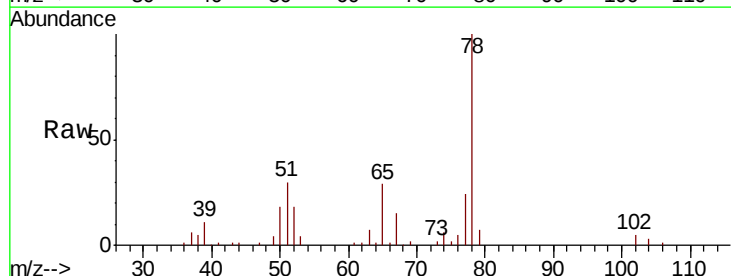
Instrument :
MSVOA_N
ClientSampled :

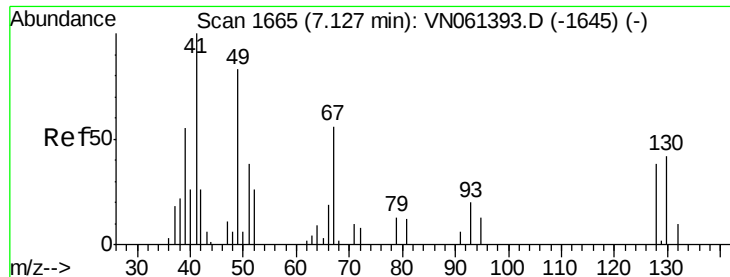
Tot Ion:117 Resp: 29541
Ion Ratio Lower Upper
117 100
119 101.1 76.9 115.3
121 30.2 23.8 35.8



#34
Benzene
Concen: 19.255 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 78 Resp: 100847
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 29.1 22.1 33.1

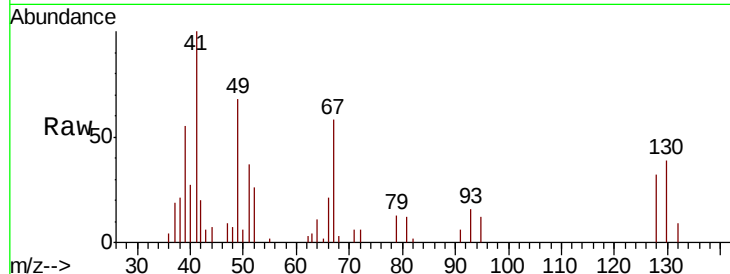




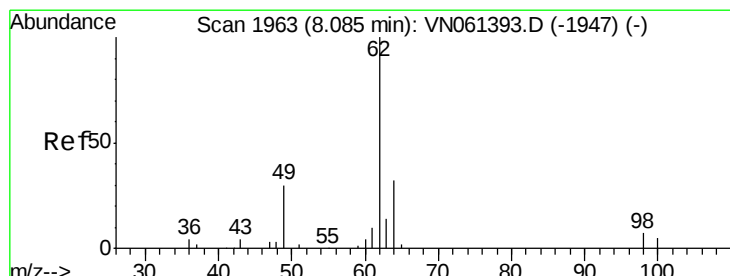
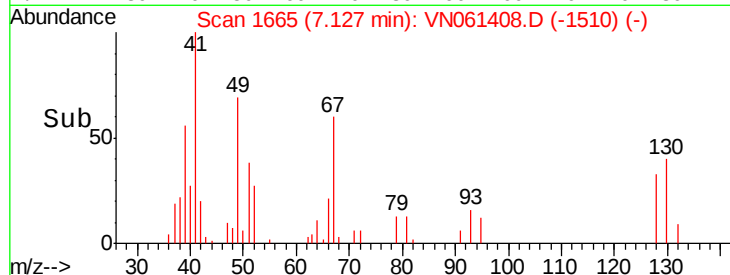
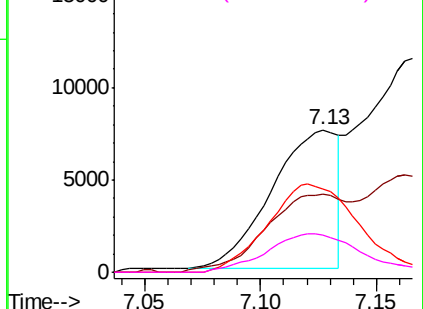
#35
Methacrylonitrile
Concen: 18.901 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	14846
Ion	Ratio	Lower	Upper
41	100		
39	53.9	25.8	77.4
67	59.9	23.0	69.0
52	26.8	10.1	30.1

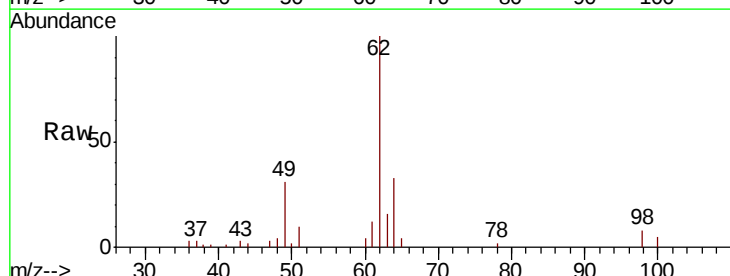


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

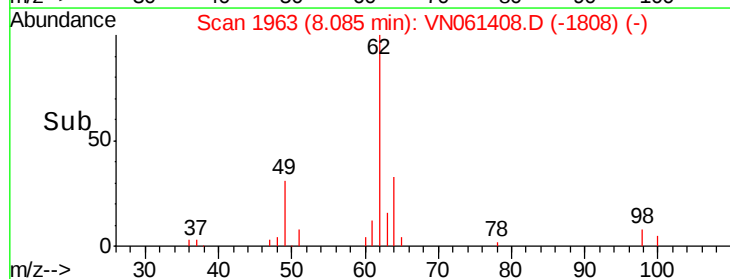
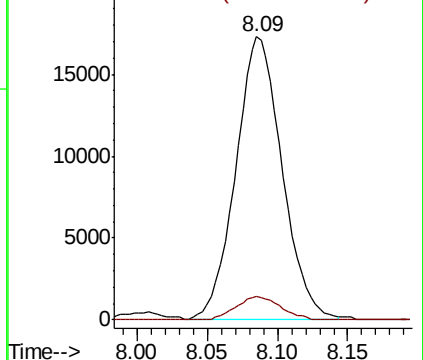


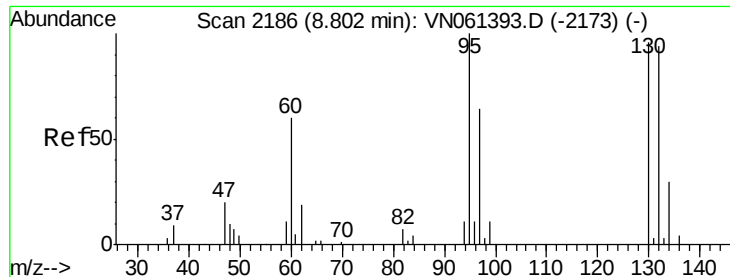
#36
1,2-Dichloroethane
Concen: 19.782 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion:	62	Resp:	39772
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.4	9.6



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

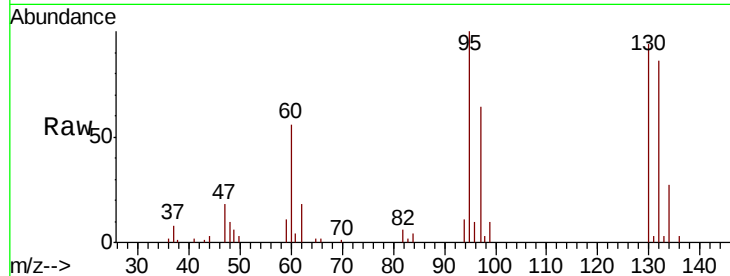




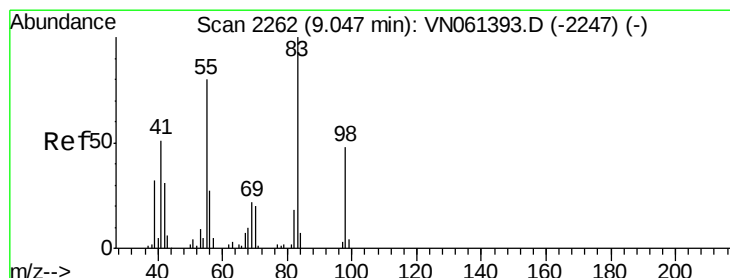
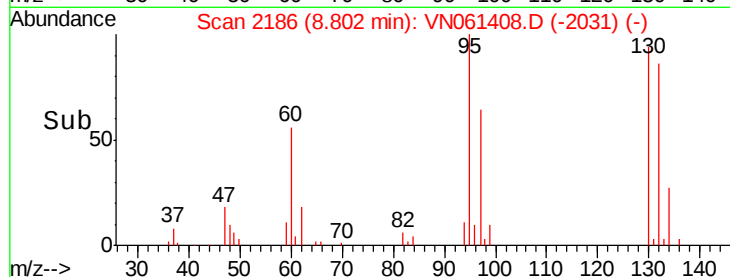
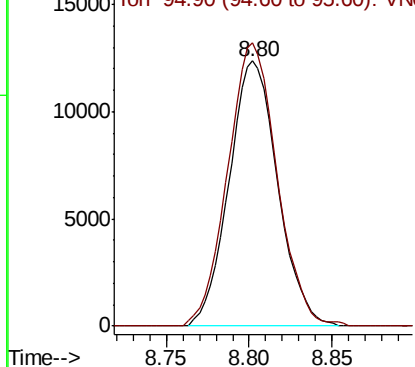
#37
 Trichloroethene
 Concen: 19.581 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 25252
 Ion Ratio Lower Upper
 130 100
 95 105.3 83.2 124.8

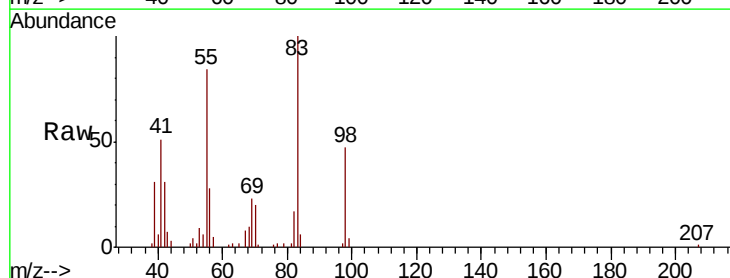


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

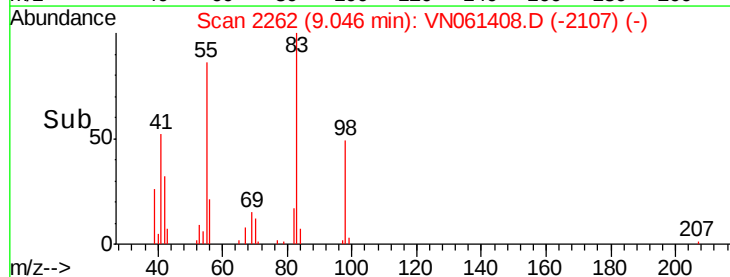
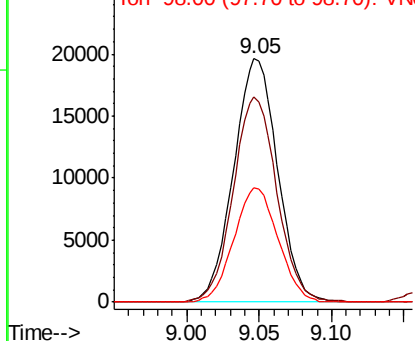


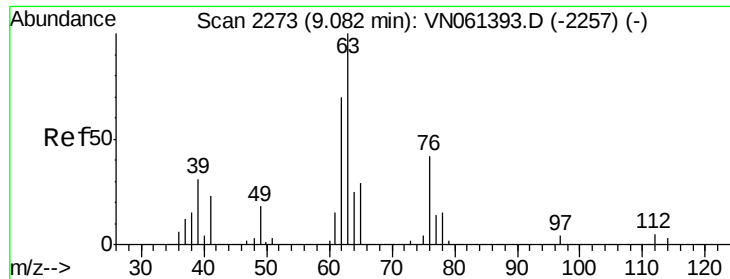
#38
 Methylcyclohexane
 Concen: 18.612 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 83 Resp: 41364
 Ion Ratio Lower Upper
 83 100
 55 83.5 40.4 121.1
 98 47.3 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: 19.362 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

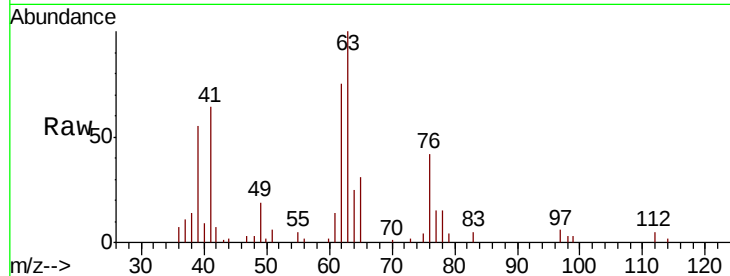
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 27878

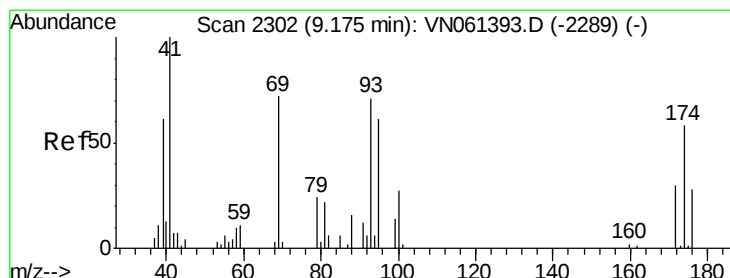
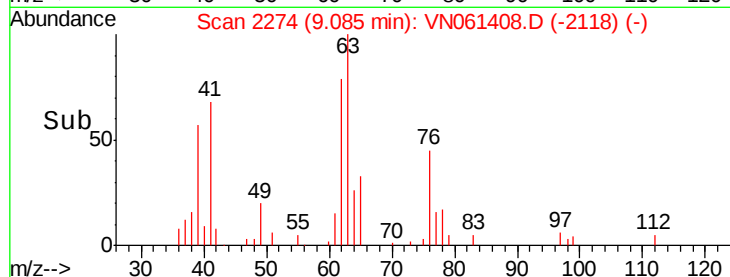
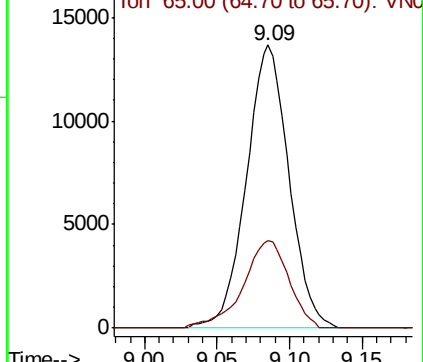
Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VN061408.D (-2118) (-)



#40

Dibromomethane

Concen: 19.731 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

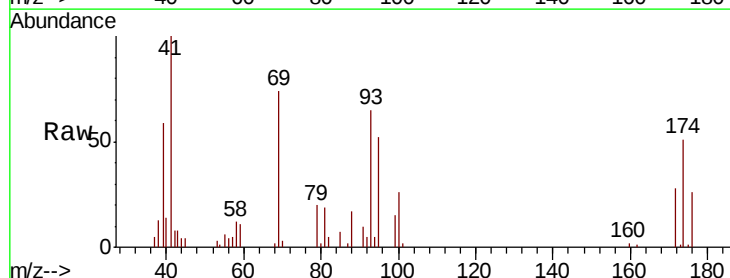
Tgt Ion: 93 Resp: 17547

Ion Ratio Lower Upper

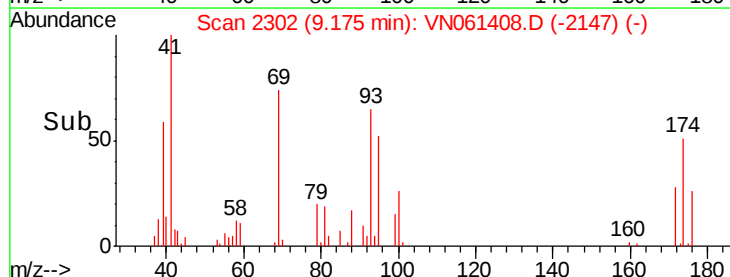
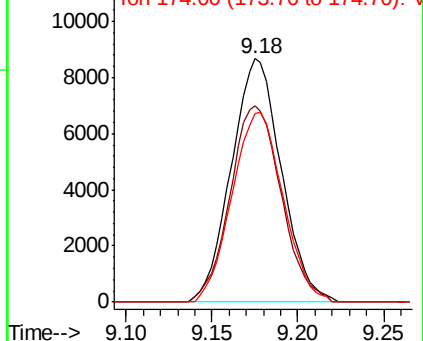
93 100

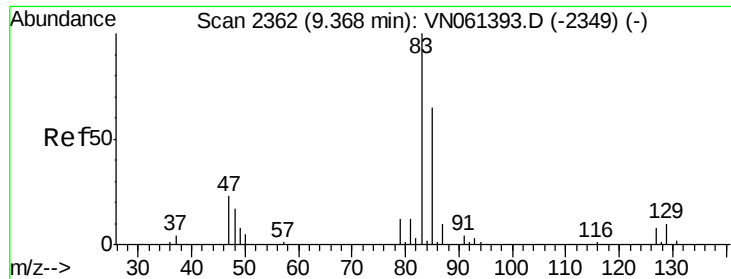
95 82.0 0.0 167.6

174 79.3 0.0 187.2



Abundance Ion 93.00 (92.70 to 93.70): VN061408.D (-2147) (-)

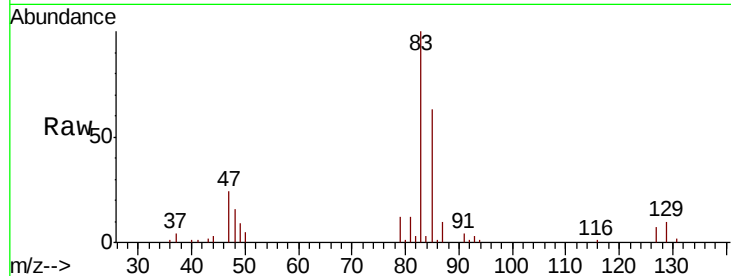




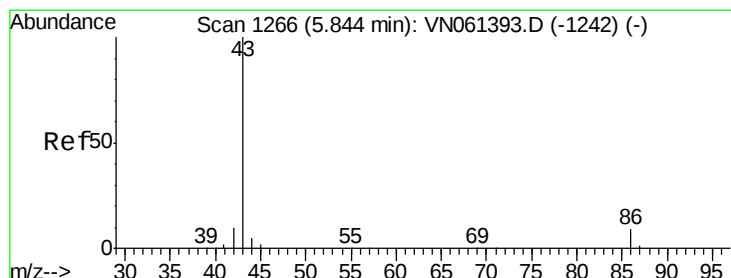
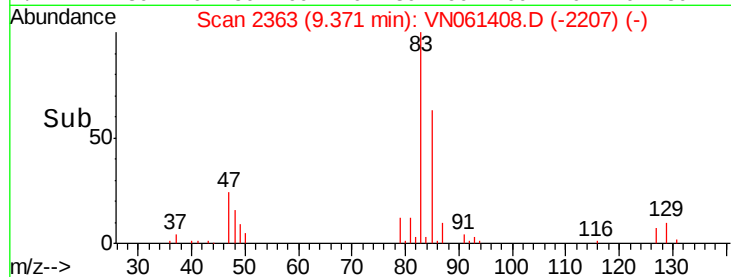
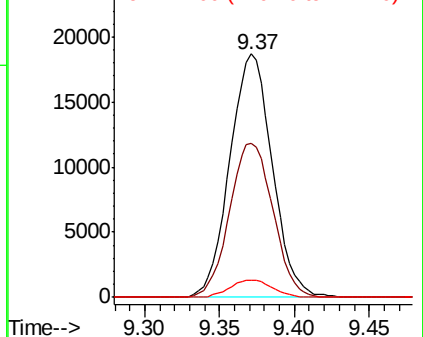
#41
 Bromodichloromethane
 Concen: 19.144 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 36935
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.0 76.4
 127 7.1 6.6 9.8

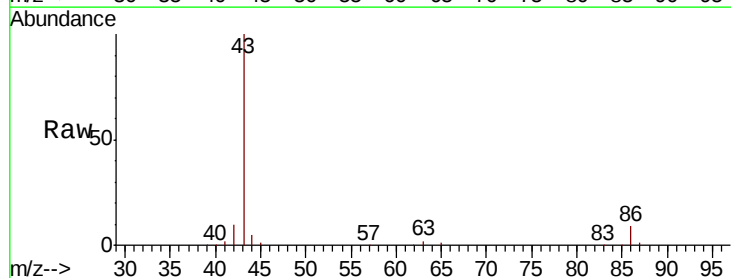


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

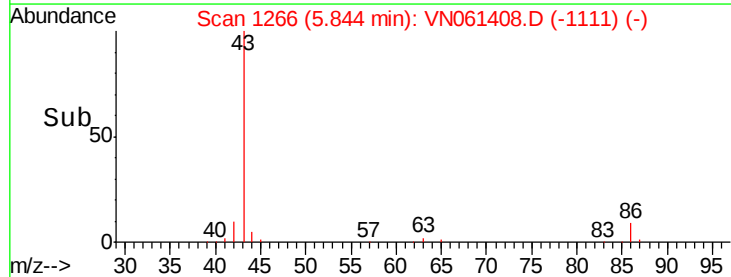
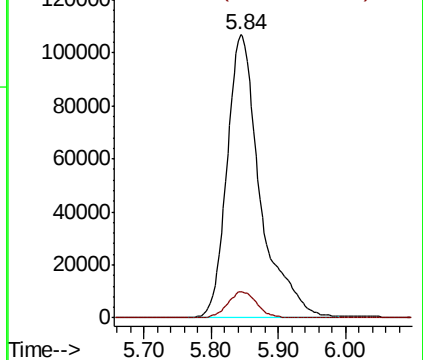


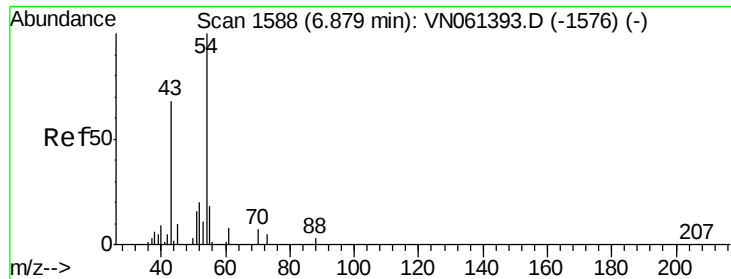
#42
 Vinyl Acetate
 Concen: 98.100 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 43 Resp: 364829
 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

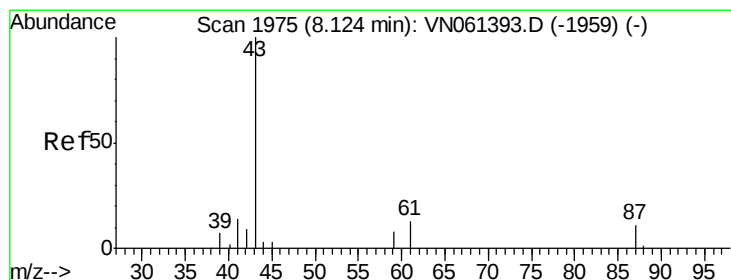
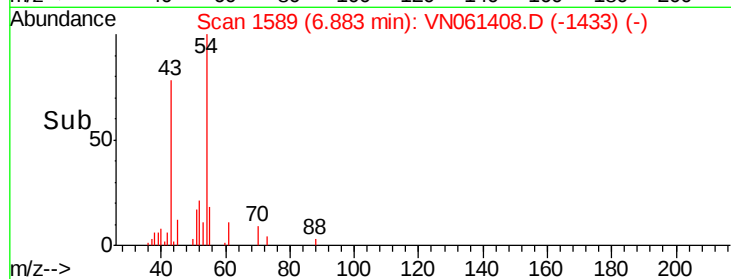
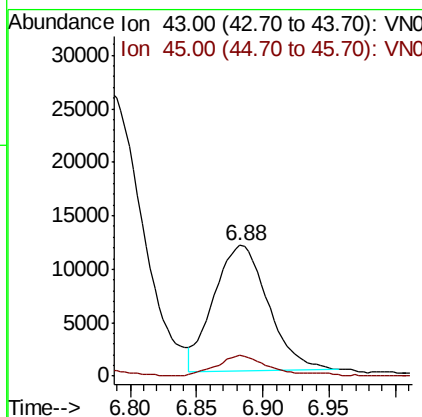
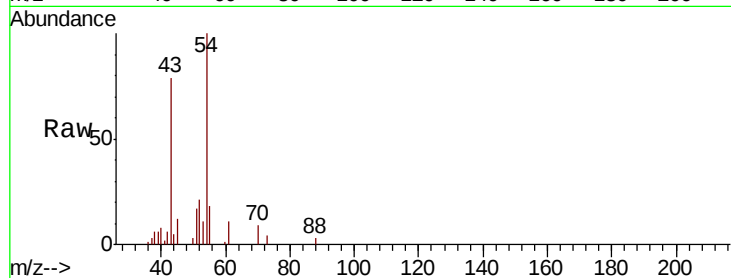




#43
Ethyl Acetate
Concen: 19.907 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

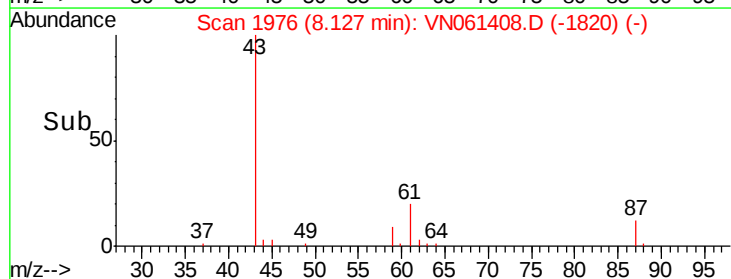
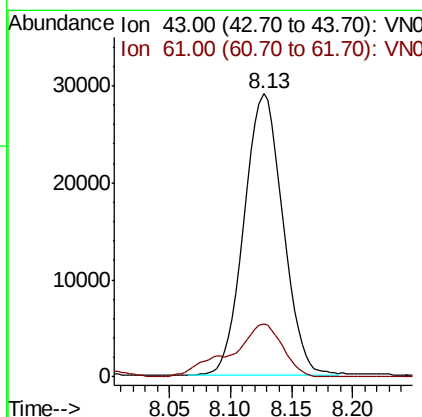
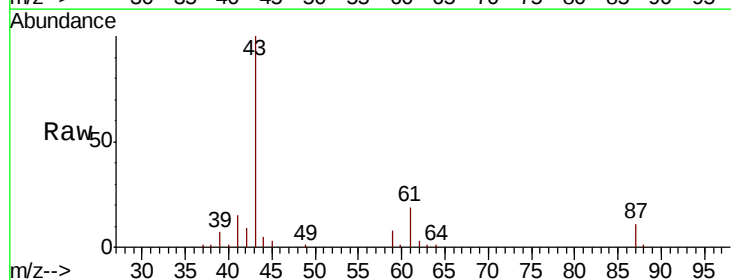
Instrument :
MSVOA_N
ClientSampled :

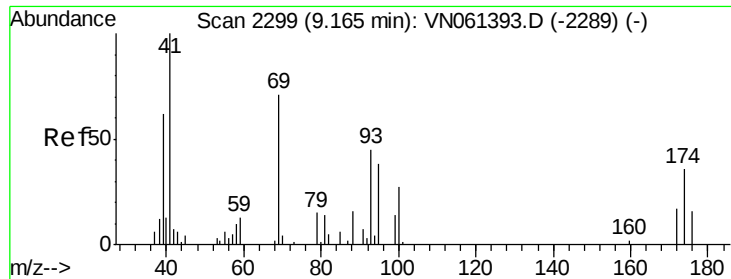
Tot Ion: 43 Resp: 33300
Ion Ratio Lower Upper
43 100
45 15.7 9.7 14.5#



#44
Isopropyl Acetate
Concen: 19.678 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 43 Resp: 63910
Ion Ratio Lower Upper
43 100
61 18.5 19.9 29.9#

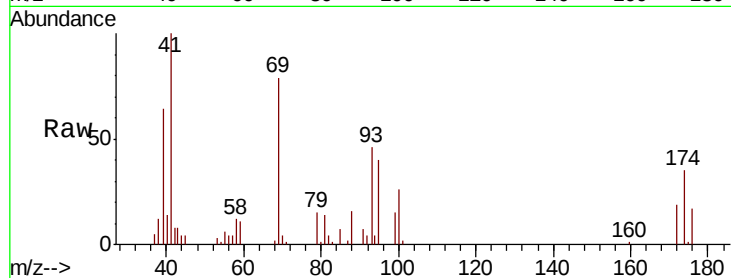




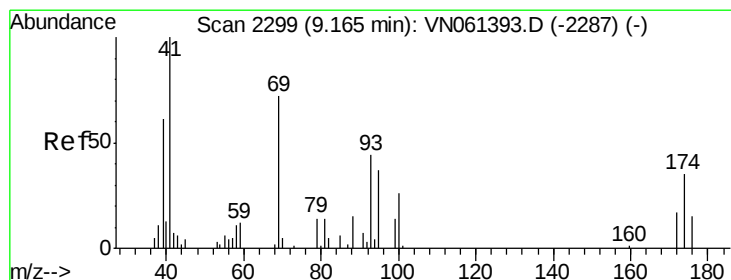
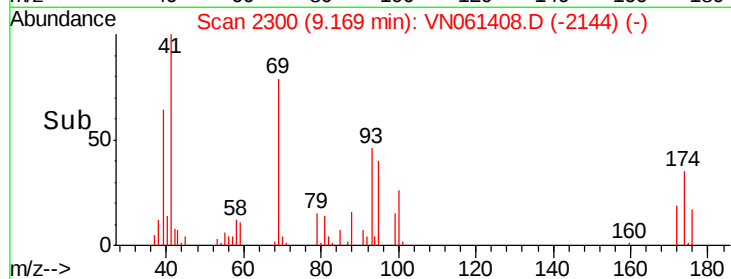
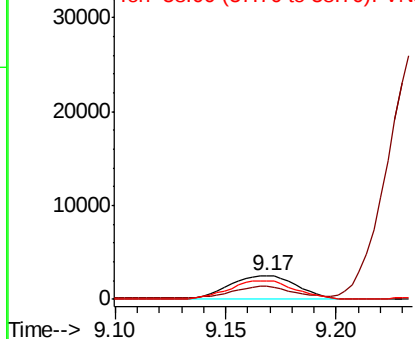
#45
1,4-Dioxane
Concen: 415.702 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 5328
Ion Ratio Lower Upper
88 100
43 37.0 29.8 44.8
58 76.7 58.2 87.4

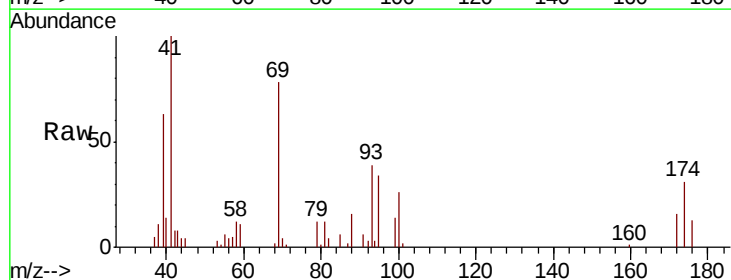


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

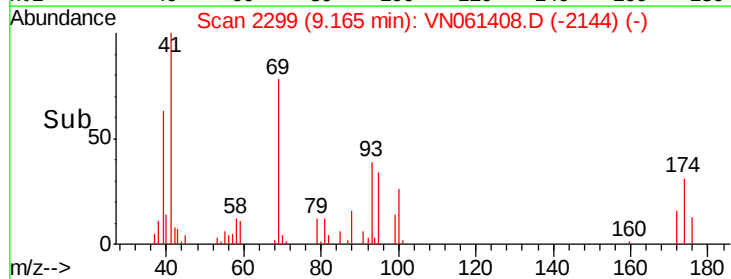
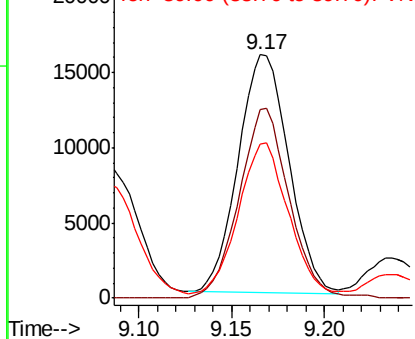


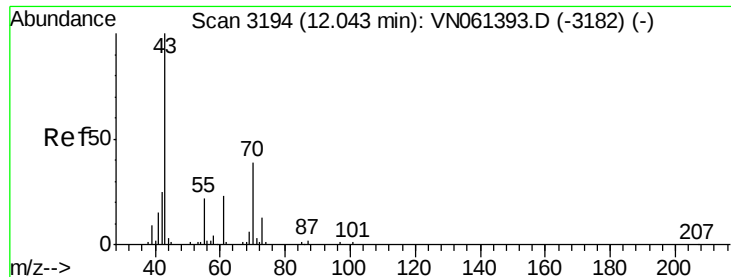
#46
Methyl methacrylate
Concen: 19.657 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 41 Resp: 30022
Ion Ratio Lower Upper
41 100
69 79.6 40.2 120.5
39 63.2 29.9 89.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

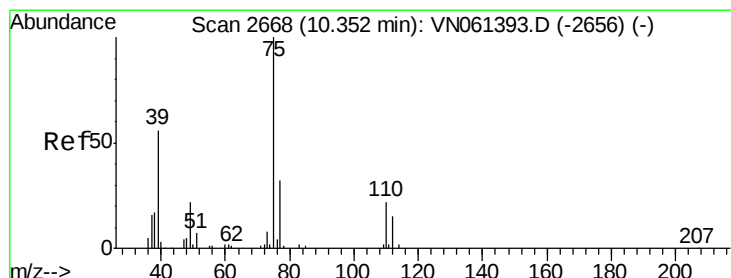
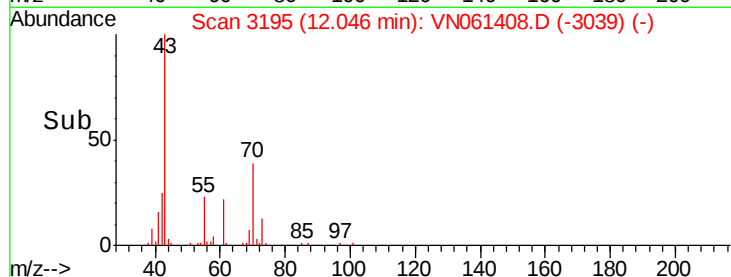
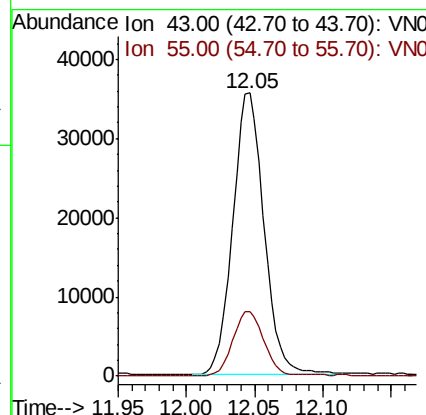
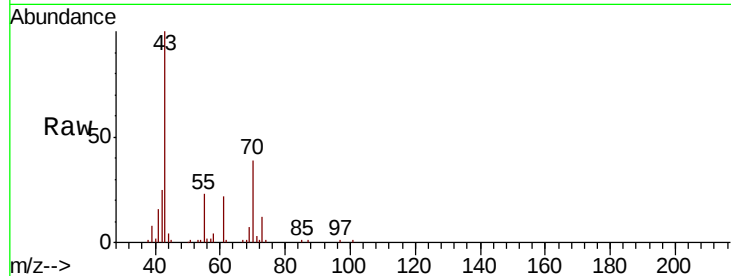




#47
n-amvl Acetate
Concen: 19.522 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

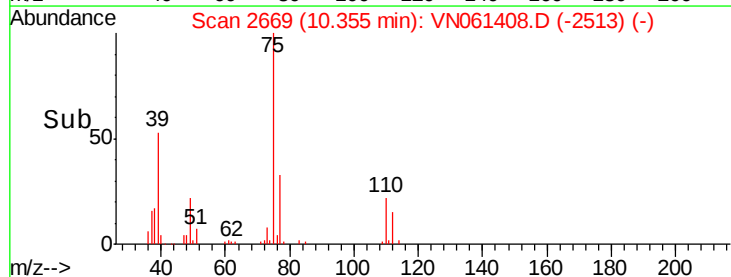
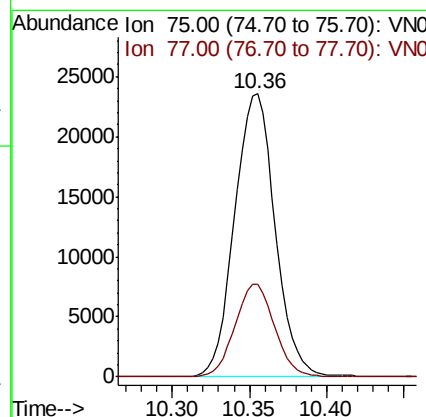
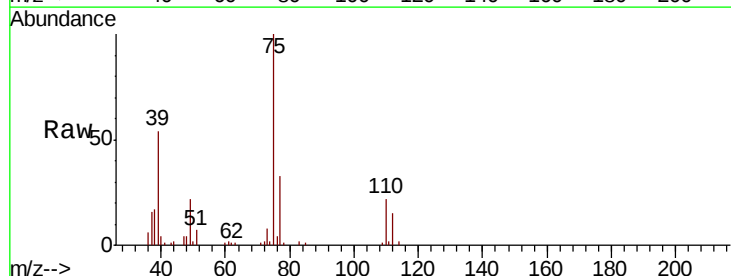
Instrument :
MSVOA_N
ClientSampled :

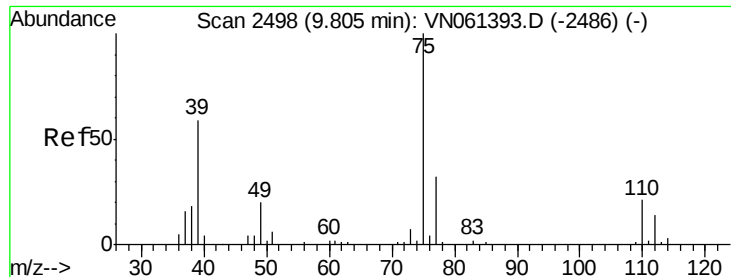
Tot Ion: 43 Resp: 56551
Ion Ratio Lower Upper
43 100
55 22.8 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 18.833 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 75 Resp: 42878
Ion Ratio Lower Upper
75 100
77 32.6 27.0 40.4



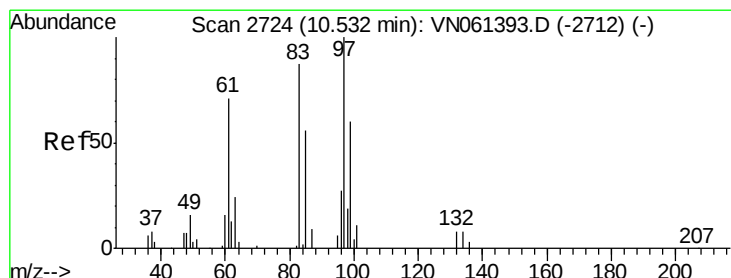
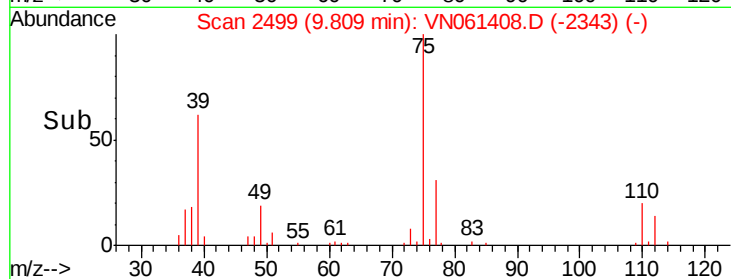
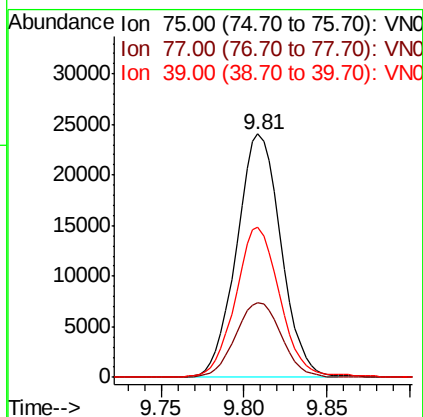
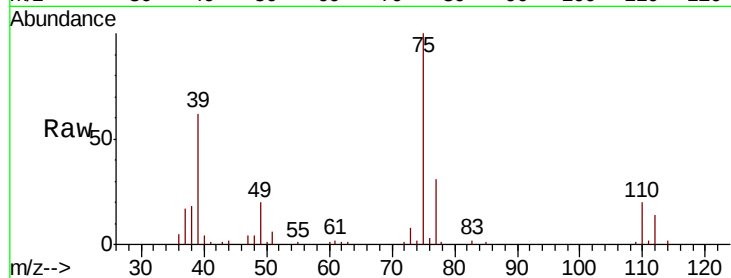


#49

cis-1,3-Dichloropropene
 Concen: 18.640 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Instrument :
 MSVOA_N
 ClientSampleId :

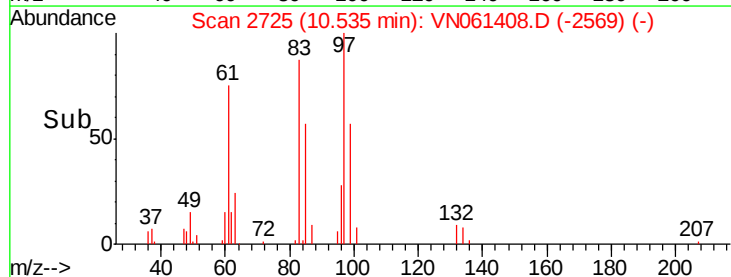
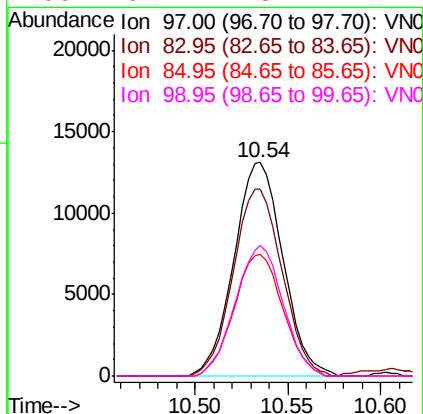
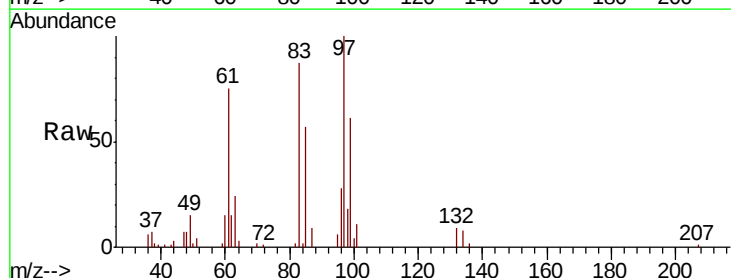
Tot Ion: 75 Resp: 44890
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.1 39.1
 39 60.9 43.1 64.7

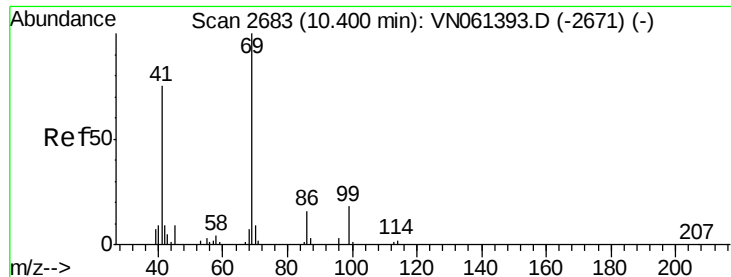


#50

1,1,2-Trichloroethane
 Concen: 19.544 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 97 Resp: 24033
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.7 106.1
 85 57.1 45.1 67.7
 99 61.1 48.2 72.4





#51

Ethyl methacrylate

Concen: 19.331 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampled :

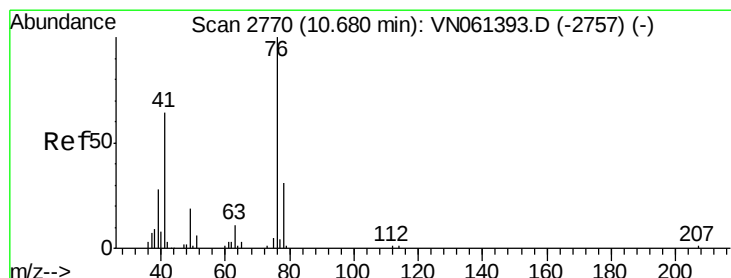
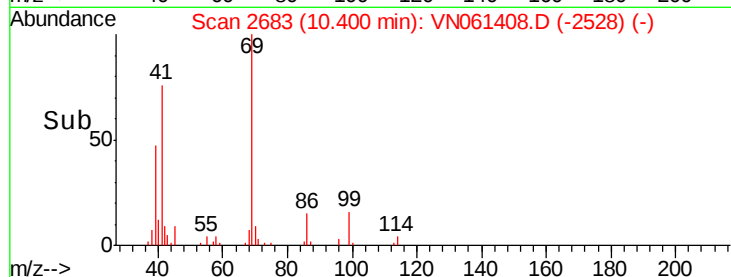
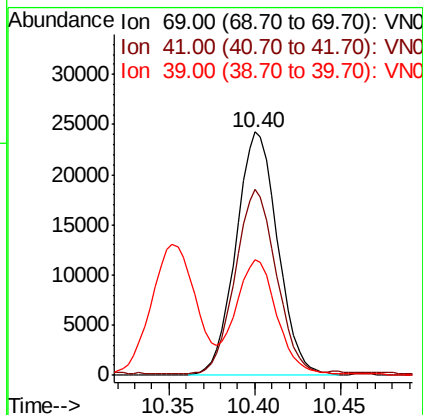
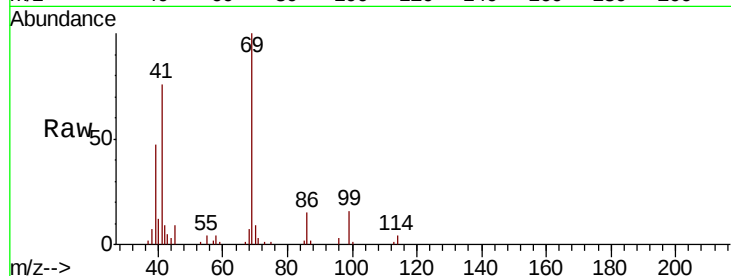
Tot Ion: 69 Resp: 40952

Ion Ratio Lower Upper

69 100

41 75.4 34.7 104.1

39 46.7 20.3 60.8



#52

1,3-Dichloropropane

Concen: 19.666 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN061408.D

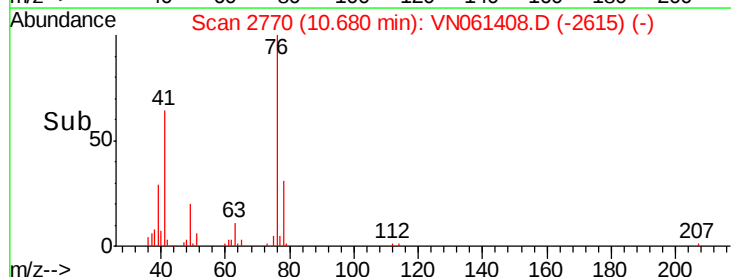
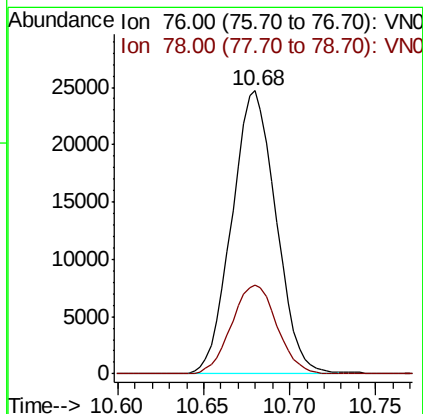
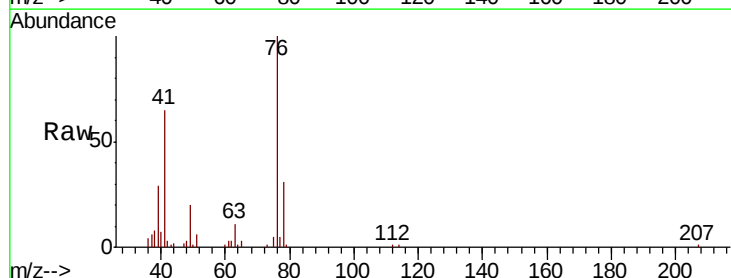
Acq: 14 May 2020 21:34

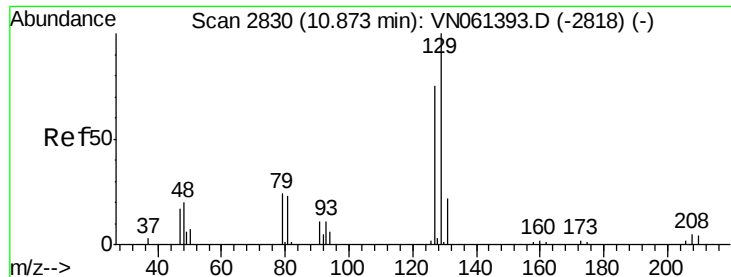
Tgt Ion: 76 Resp: 44157

Ion Ratio Lower Upper

76 100

78 32.0 0.0 63.2

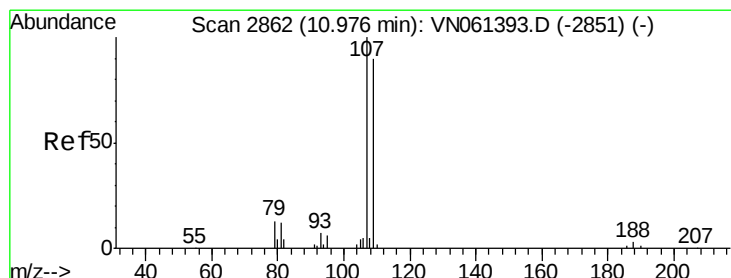
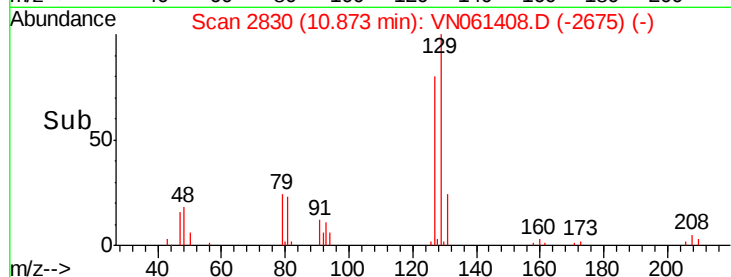
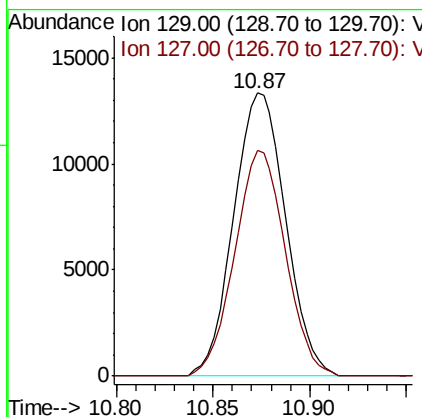
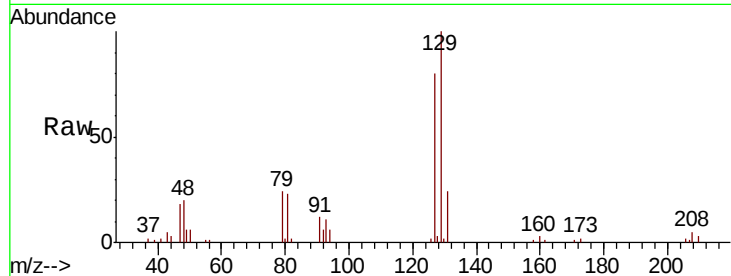




#53
 Dibromochloromethane
 Concen: 18.510 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

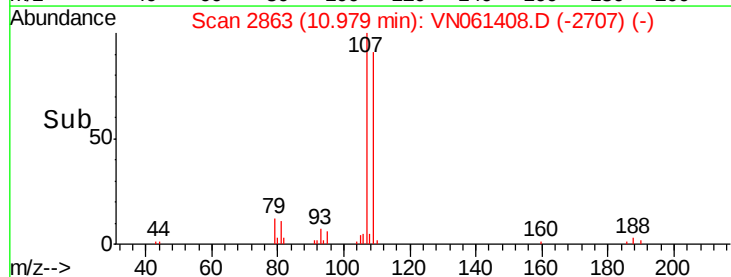
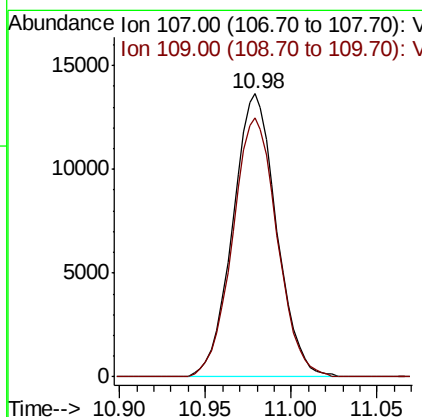
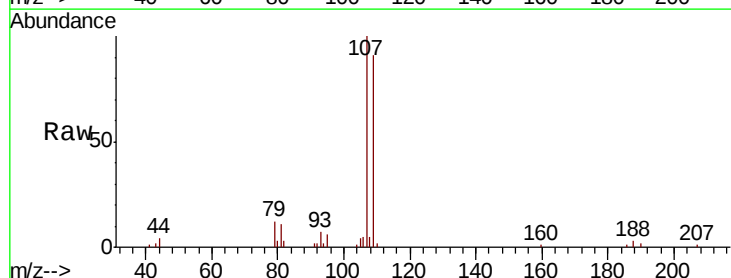
Instrument :
 MSVOA_N
 ClientSampleId :

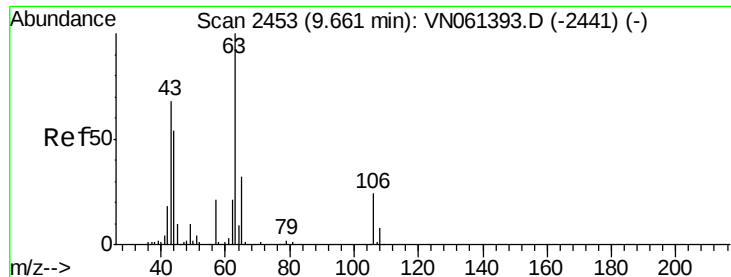
Tot Ion:129 Resp: 24939
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 19.032 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion:107 Resp: 24148
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.2 114.4

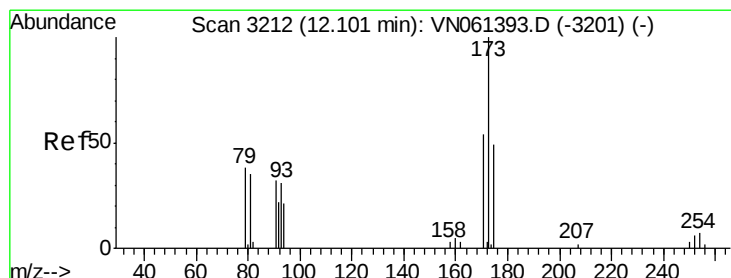
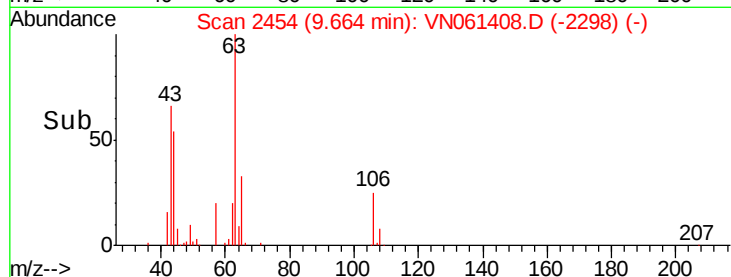
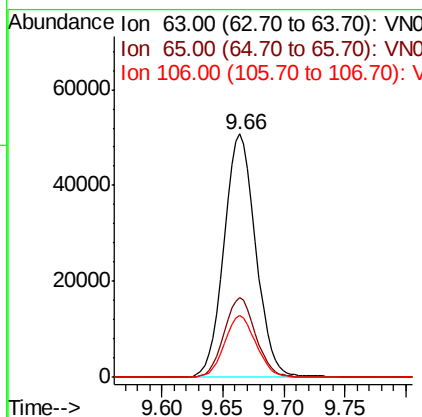
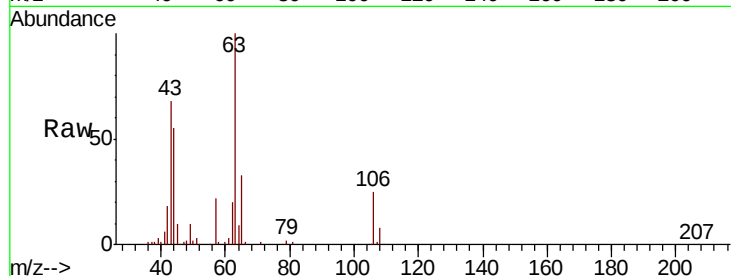




#55
 2-Chloroethyl vinyl ether
 Concen: 98.835 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

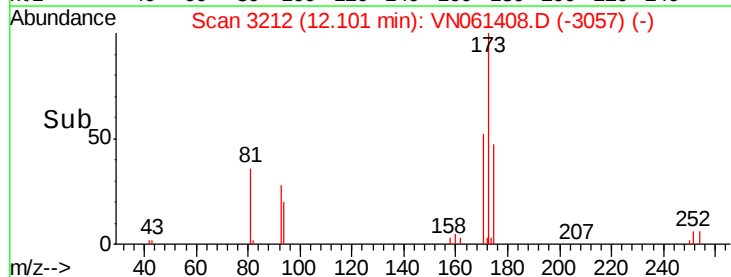
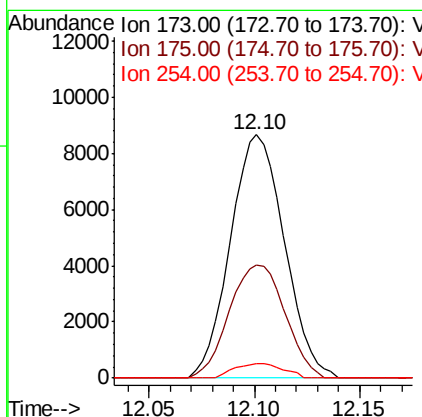
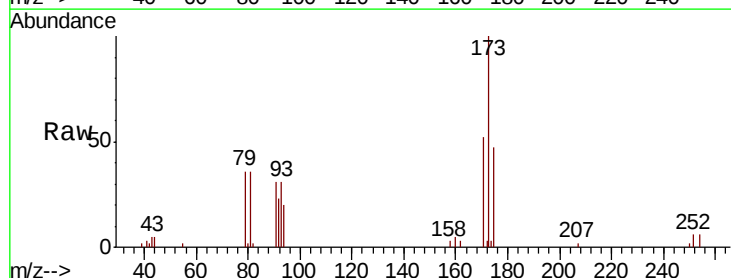
Instrument :
 MSVOA_N
 ClientSampleId :

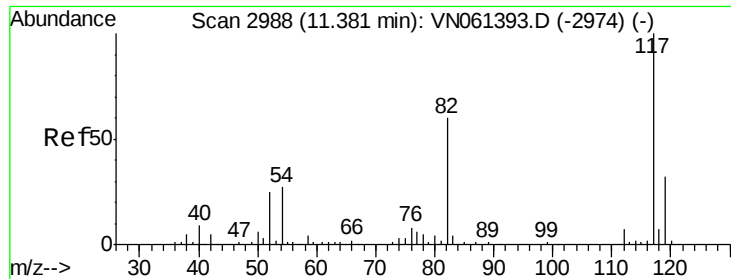
Tot Ion: 63 Resp: 92666
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.3 37.9
 106 25.0 19.8 29.6



#56
 Bromoform
 Concen: 18.202 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion: 173 Resp: 15423
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.7 58.1
 254 5.5 7.4 11.2#

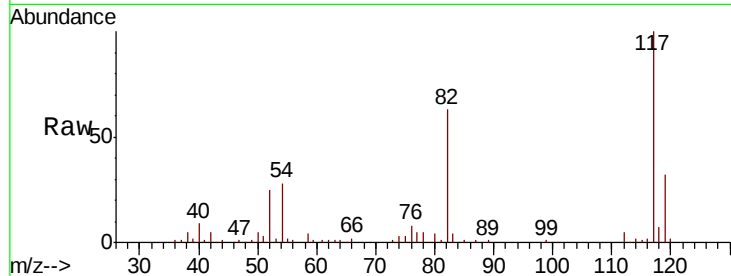




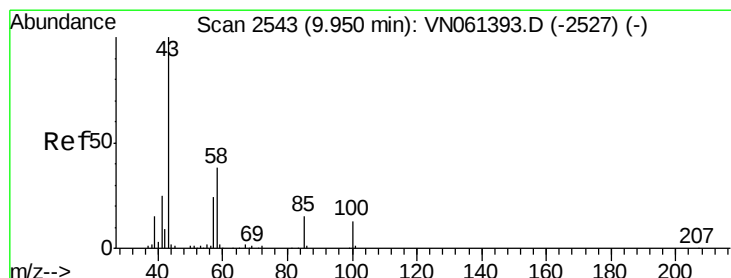
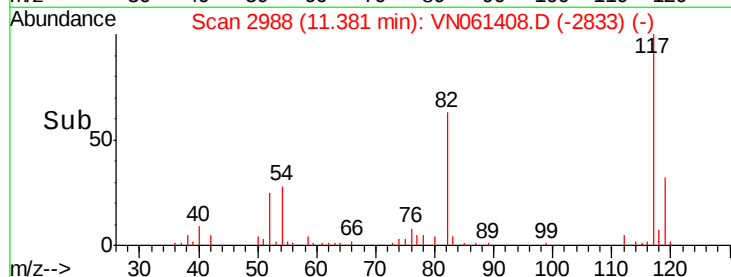
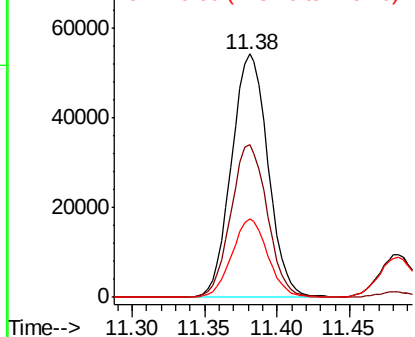
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 95295
Ion Ratio Lower Upper
117 100
82 62.5 46.9 70.3
119 31.6 25.8 38.6

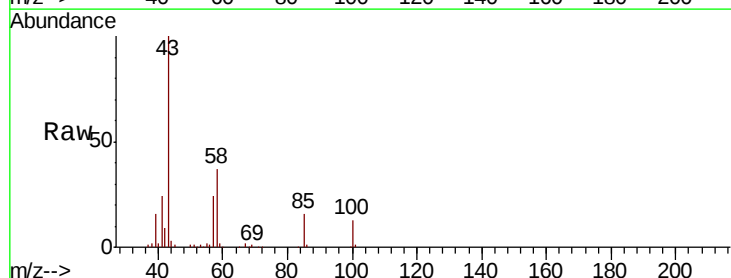


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

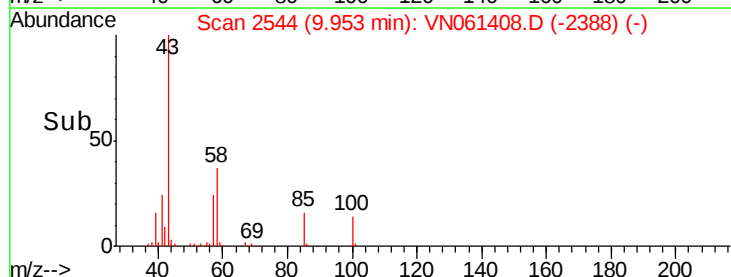
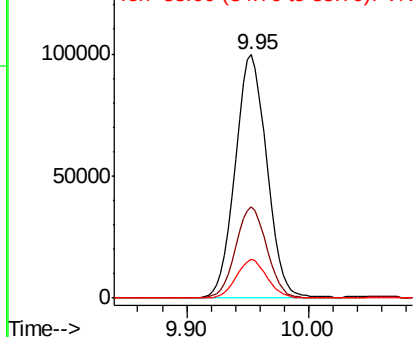


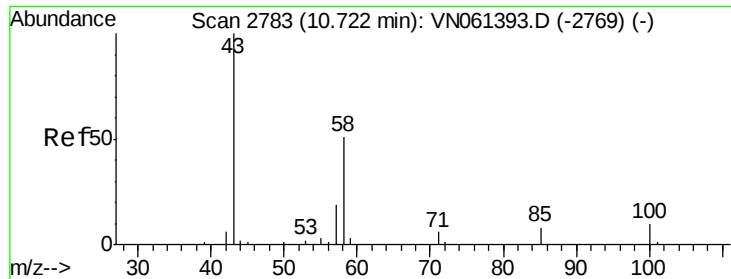
#58
4-Methyl-2-Pentanone
Concen: 103.078 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 43 Resp: 178996
Ion Ratio Lower Upper
43 100
58 36.9 30.1 45.1
85 15.4 13.2 19.8



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

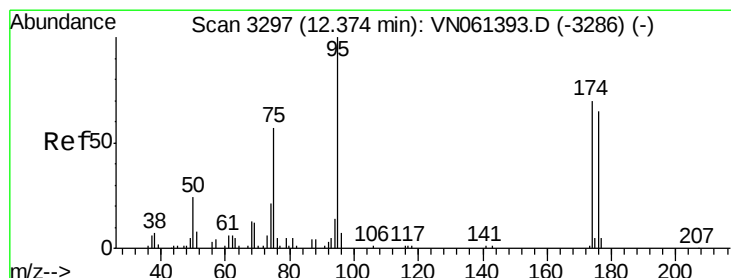
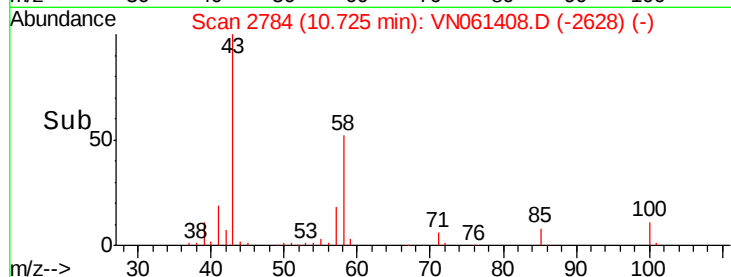
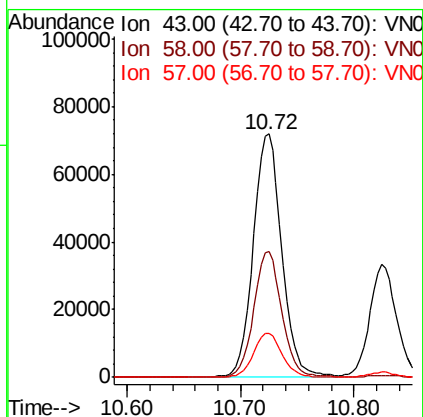
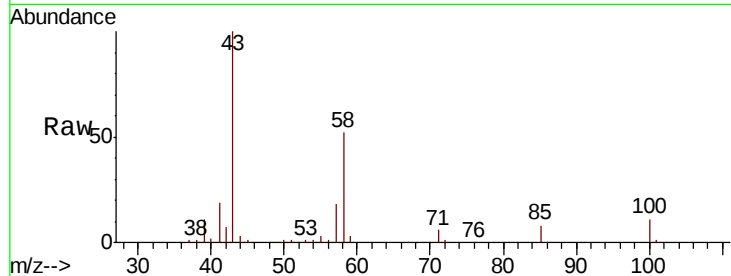




#59
2-Hexanone
Concen: 102.790 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

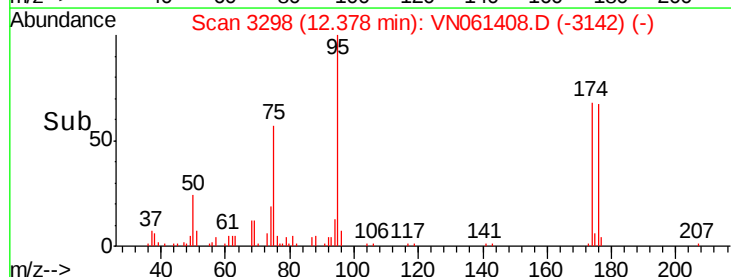
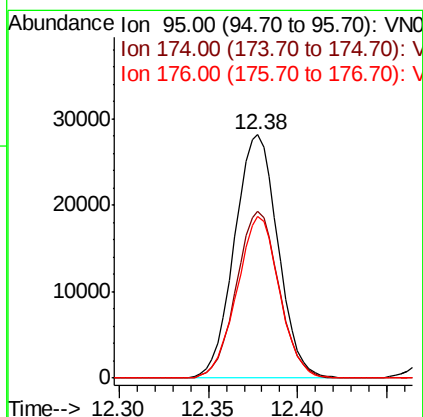
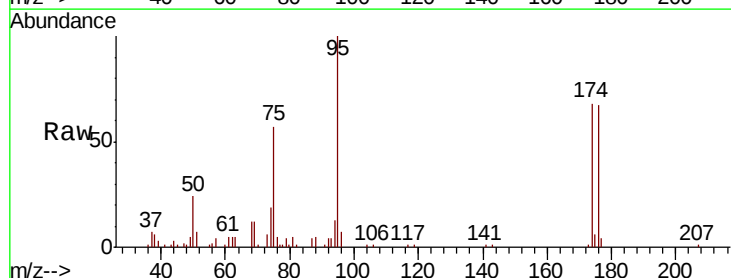
Instrument :
MSVOA_N
ClientSampled :

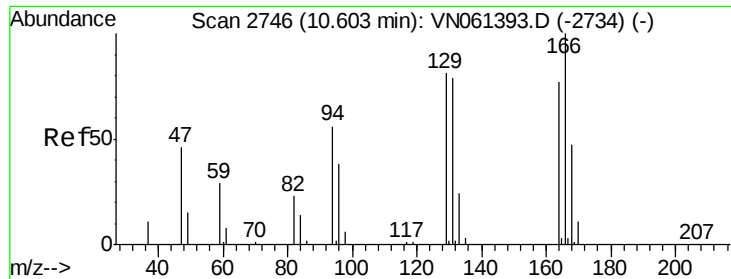
Tot Ion: 43 Resp: 126258
Ion Ratio Lower Upper
43 100
58 50.8 41.4 62.0
57 18.0 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.461 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 95 Resp: 47930
Ion Ratio Lower Upper
95 100
174 67.1 59.9 89.9
176 64.7 58.3 87.5





#61

Tetrachloroethene

Concen: 19.175 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 22851

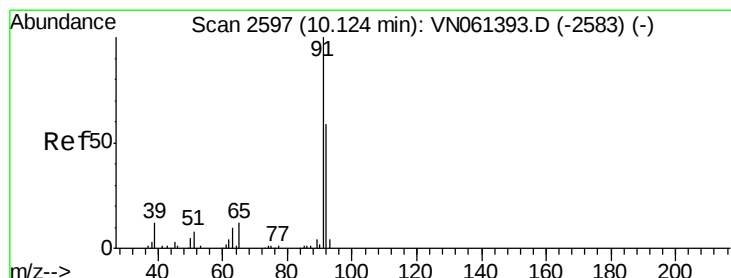
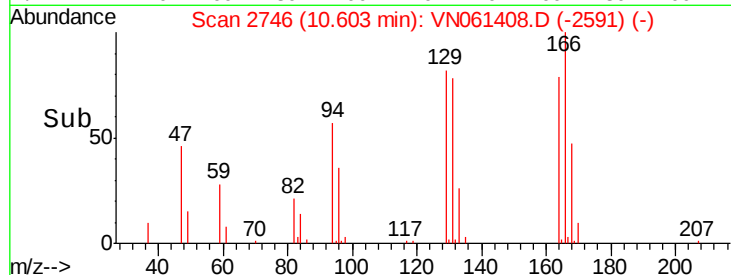
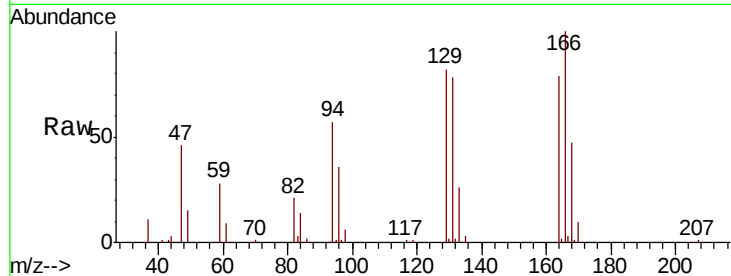
Ion Ratio Lower Upper

164 100

166 125.9 101.4 152.2

129 102.6 78.1 117.1

131 98.5 73.2 109.8



#62

Toluene

Concen: 19.488 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061408.D

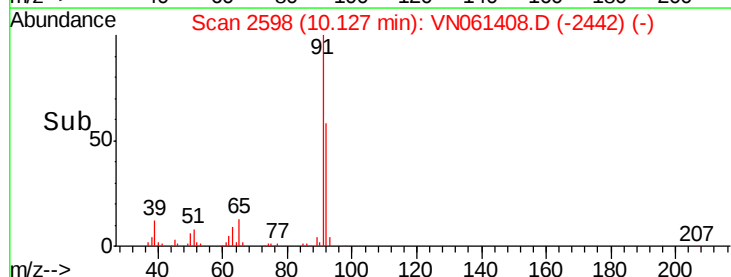
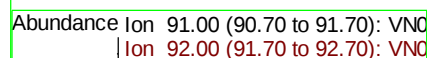
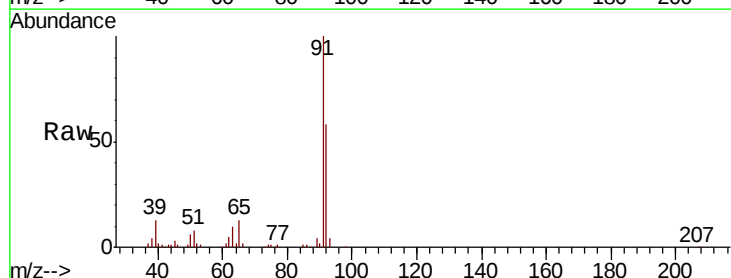
Acq: 14 May 2020 21:34

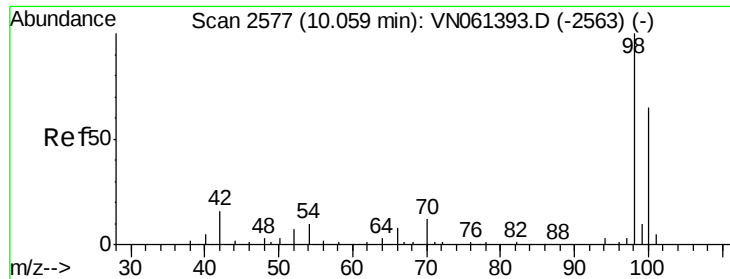
Tgt Ion: 91 Resp: 107683

Ion Ratio Lower Upper

91 100

92 58.9 45.4 68.2





#63

Toluene-d8

Concen: 30.193 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

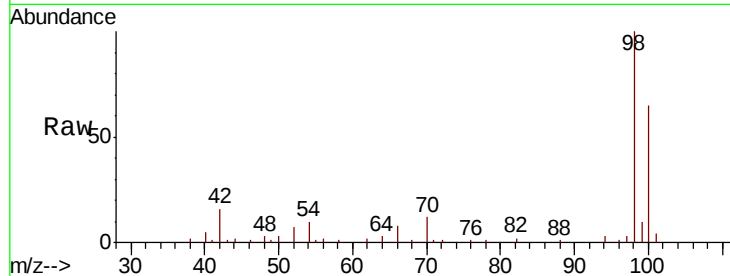
ClientSampleId :

Tot Ion: 98 Resp: 133221

Ion Ratio Lower Upper

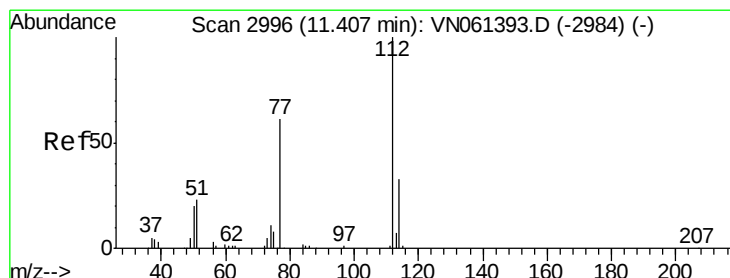
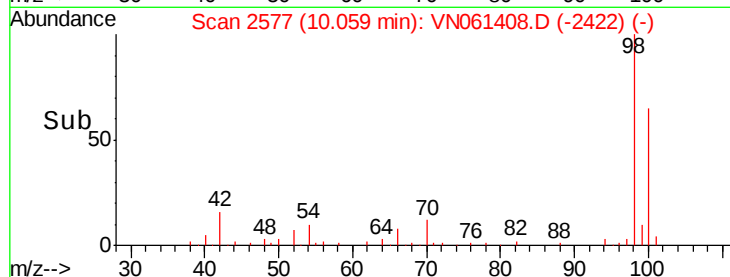
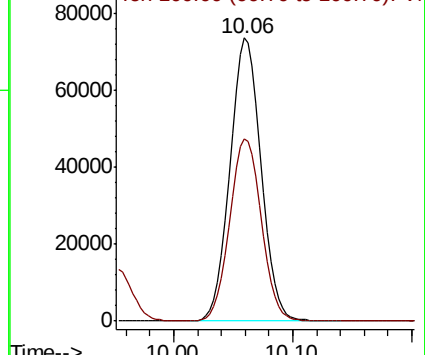
98 100

100 65.7 50.6 75.8



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

Ion 100.00 (99.70 to 100.70): VN061408.D (-2422) (-)



#64

Chlorobenzene

Concen: 19.495 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061408.D

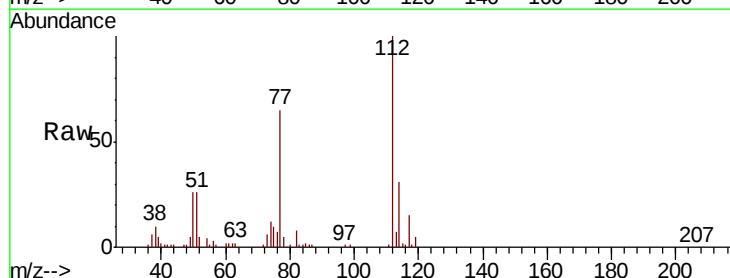
Acq: 14 May 2020 21:34

Tgt Ion: 112 Resp: 63759

Ion Ratio Lower Upper

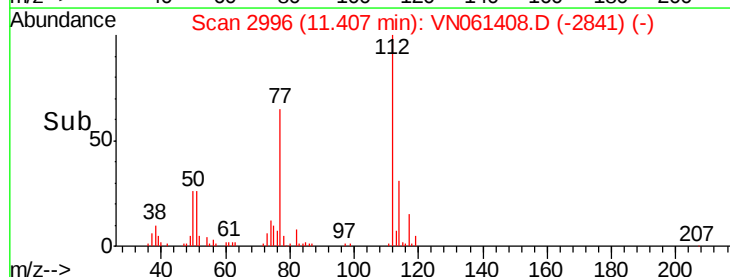
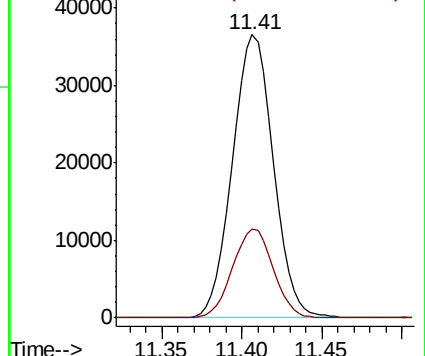
112 100

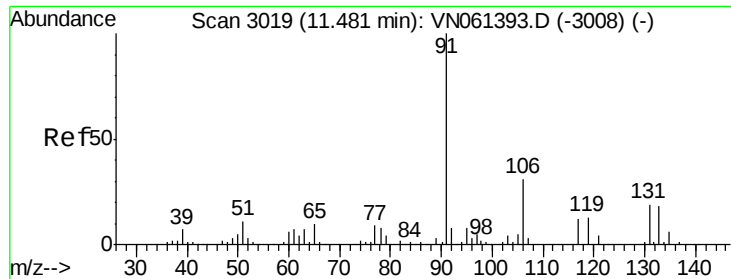
114 31.5 25.7 38.5



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

Ion 114.00 (113.70 to 114.70): VN061408.D (-2841) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.167 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

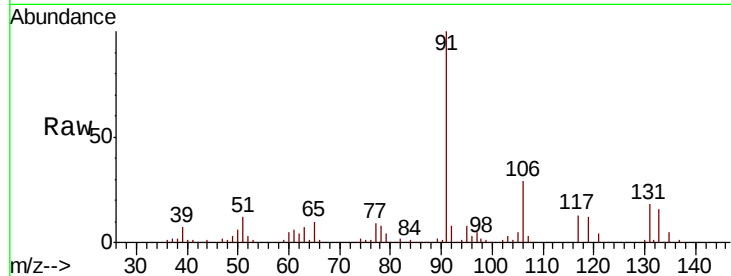
Tot Ion:131 Resp: 22905

Ion Ratio Lower Upper

131 100

133 94.8 0.0 194.0

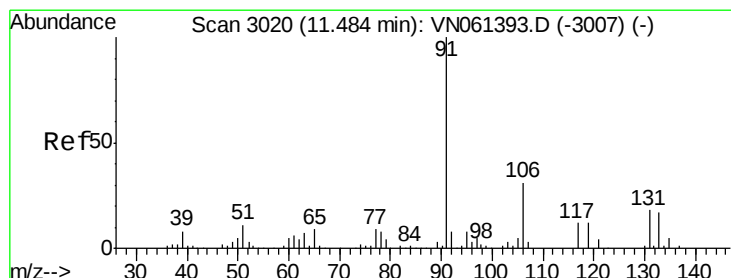
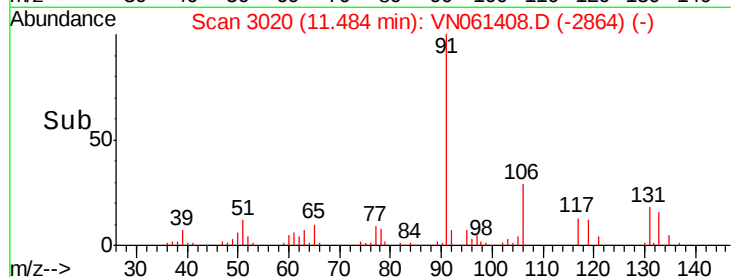
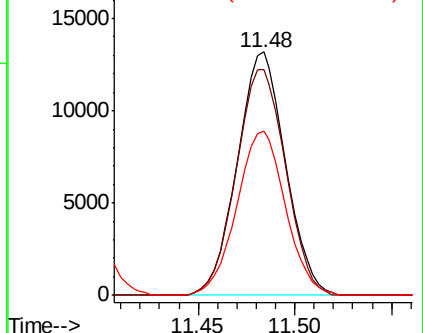
119 68.1 0.0 136.8



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: 19.604 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061408.D

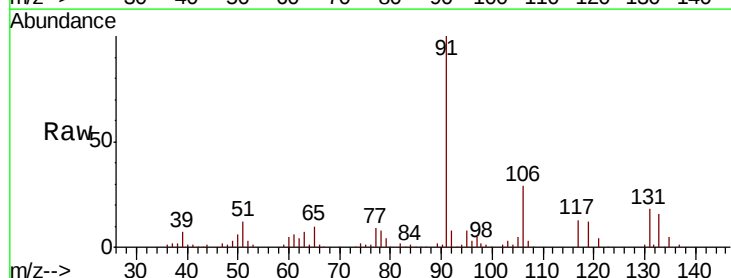
Acq: 14 May 2020 21:34

Tgt Ion: 91 Resp: 124312

Ion Ratio Lower Upper

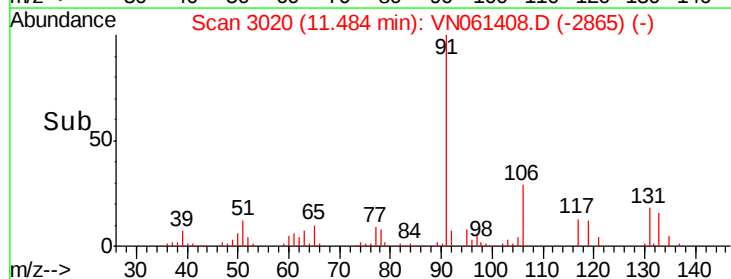
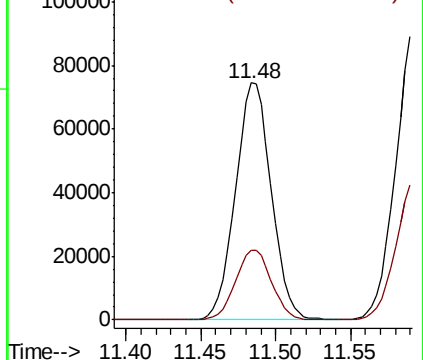
91 100

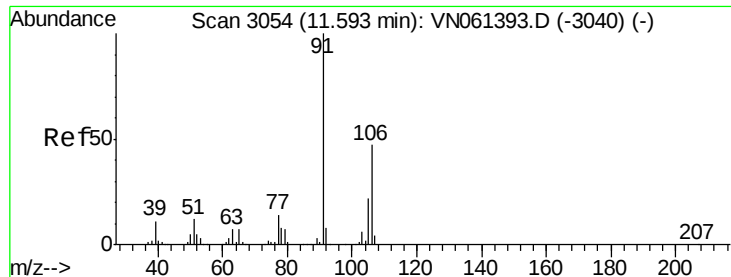
106 29.4 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 38.706 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

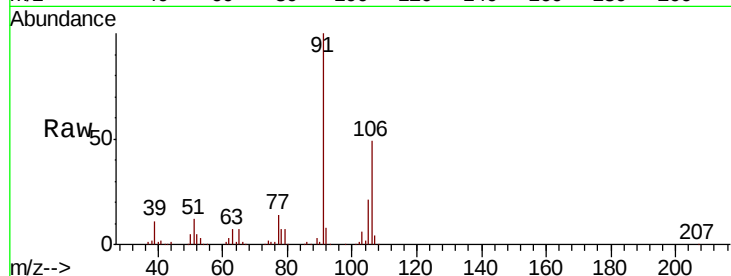
ClientSampleId :

Tot Ion:106 Resp: 90636

Ion Ratio Lower Upper

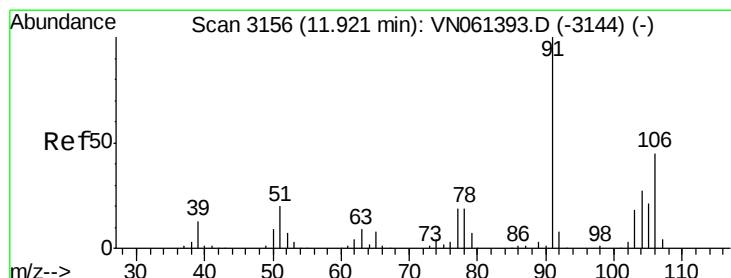
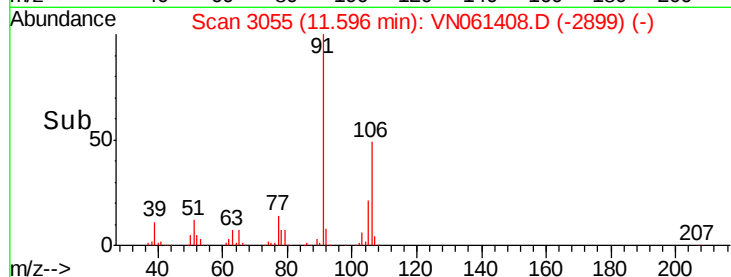
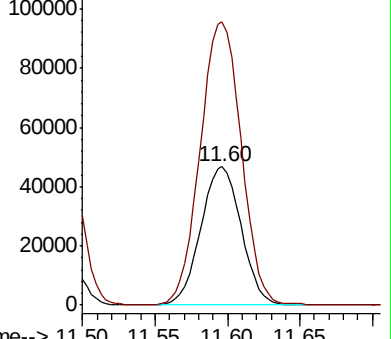
106 100

91 207.8 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.700 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061408.D

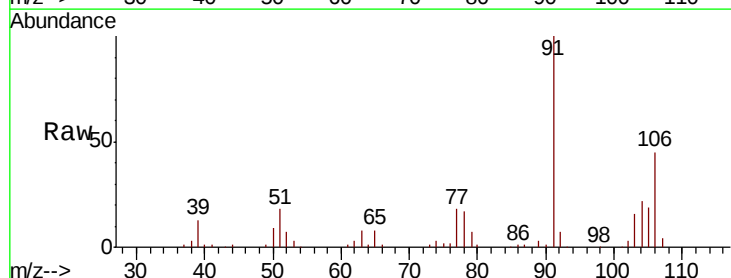
Acq: 14 May 2020 21:34

Tgt Ion:106 Resp: 44027

Ion Ratio Lower Upper

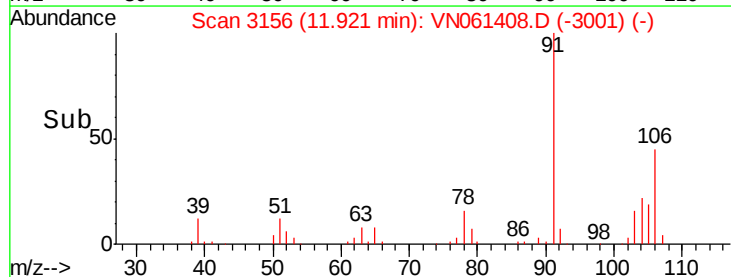
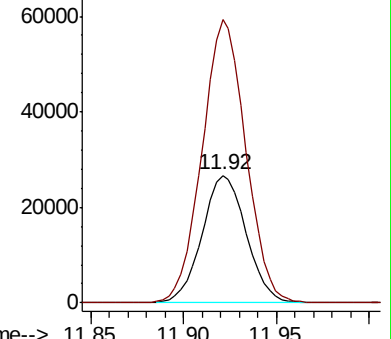
106 100

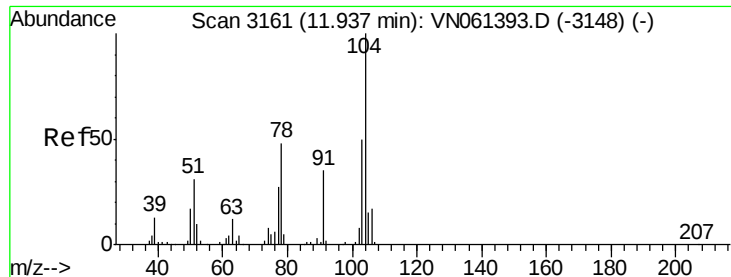
91 220.3 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

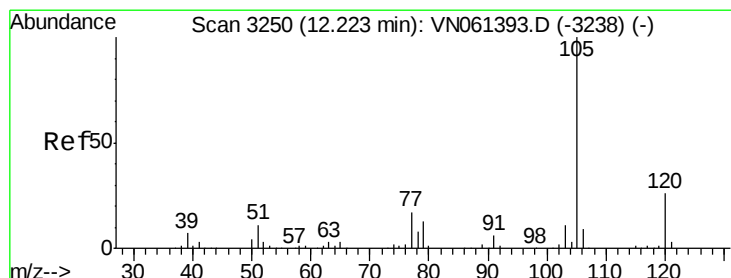
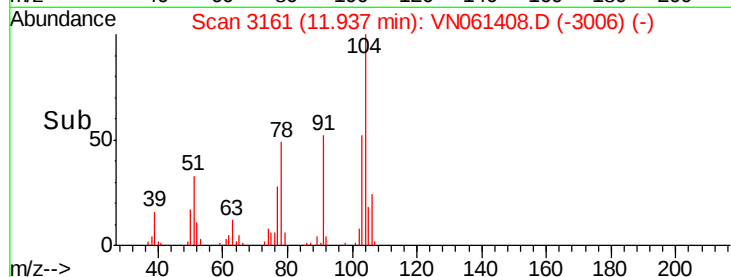
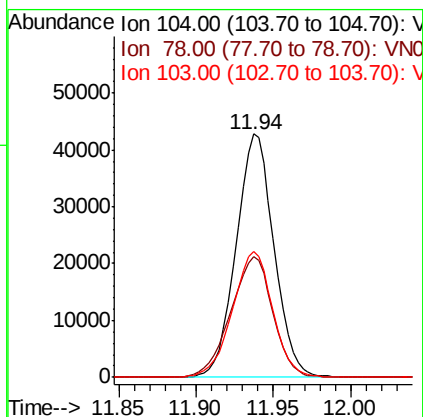
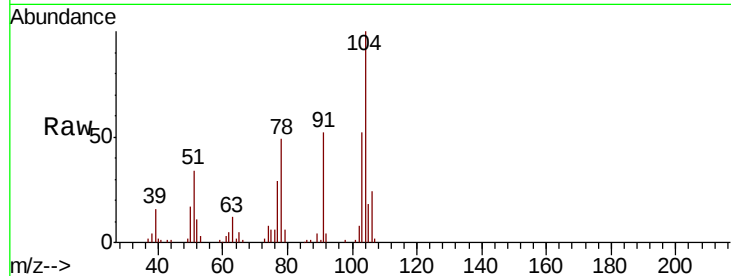




#69
Stvrene
Concen: 18.910 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

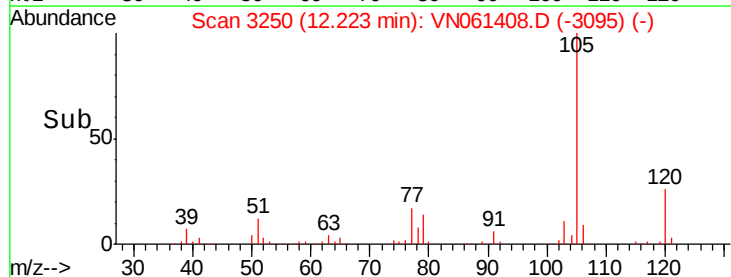
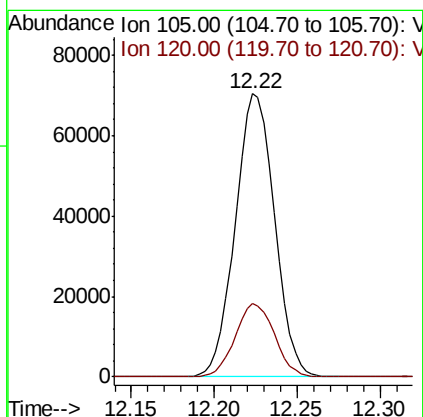
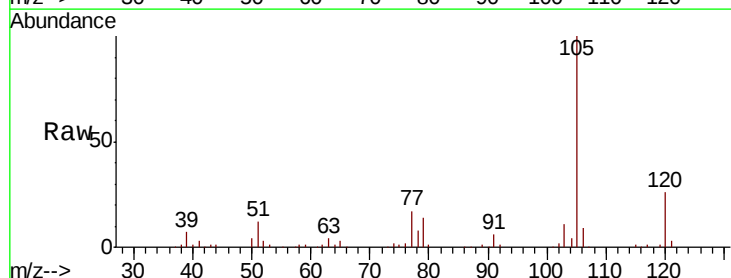
Instrument :
MSVOA_N
ClientSampled :

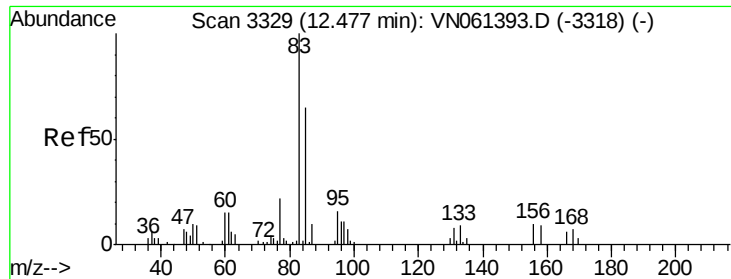
Tot Ion:104 Resp: 72720
Ion Ratio Lower Upper
104 100
78 55.2 42.4 63.6
103 54.8 44.6 66.8



#70
Isopropylbenzene
Concen: 19.167 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion:105 Resp: 116061
Ion Ratio Lower Upper
105 100
120 25.8 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.642 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

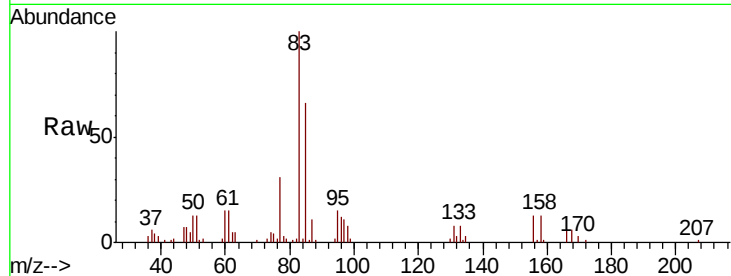
Tot Ion: 83 Resp: 32858

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.7

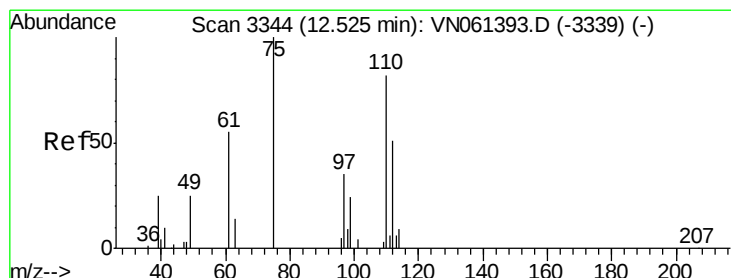
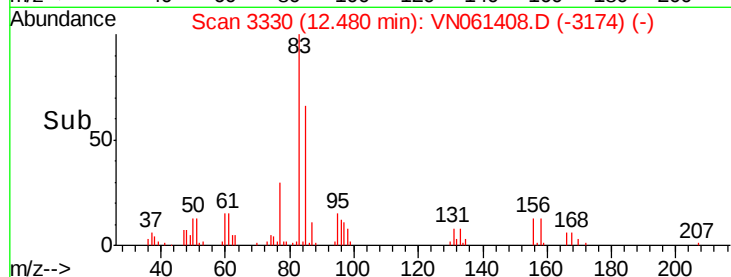
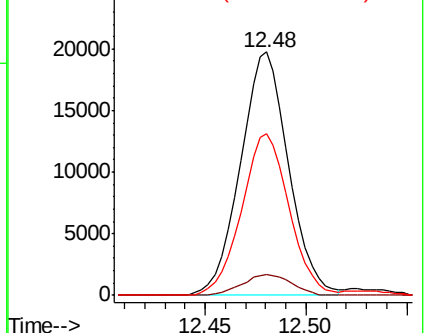
85 65.8 31.6 94.7



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

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

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



#72

1,2,3-Trichloropropane

Concen: 29.009 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061408.D

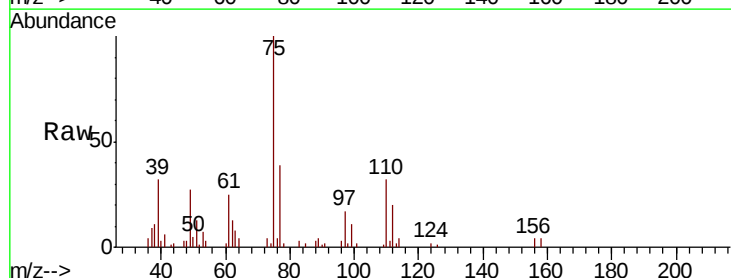
Acq: 14 May 2020 21:34

Tgt Ion: 75 Resp: 46284

Ion Ratio Lower Upper

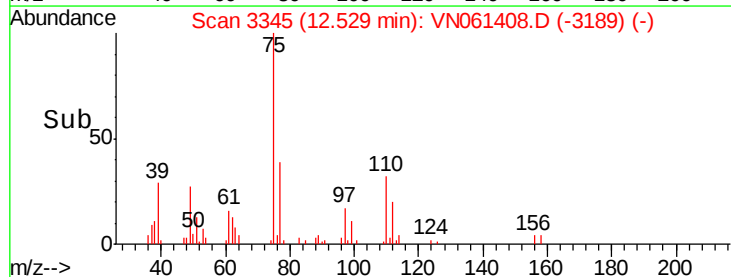
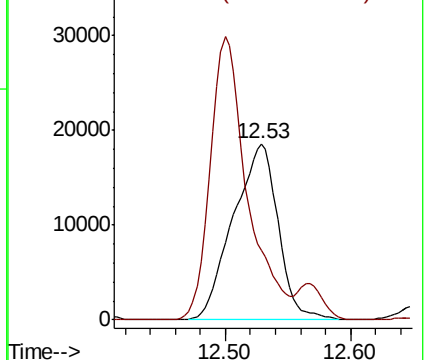
75 100

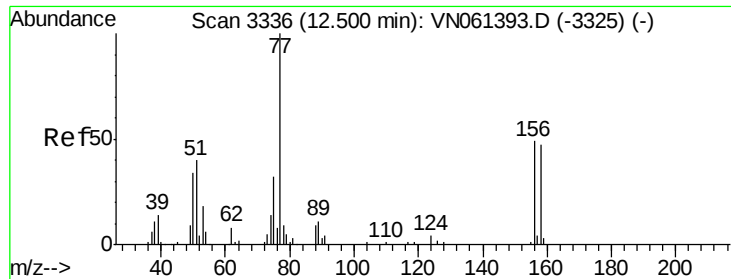
77 131.8 0.0 359.4



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

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

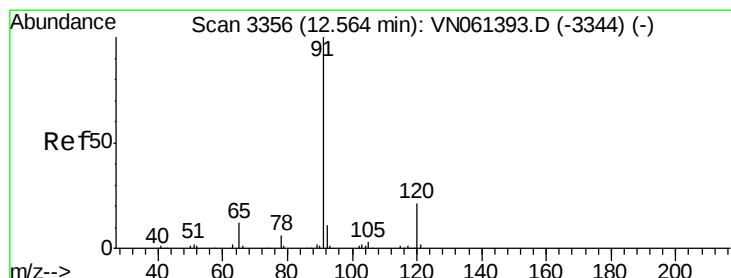
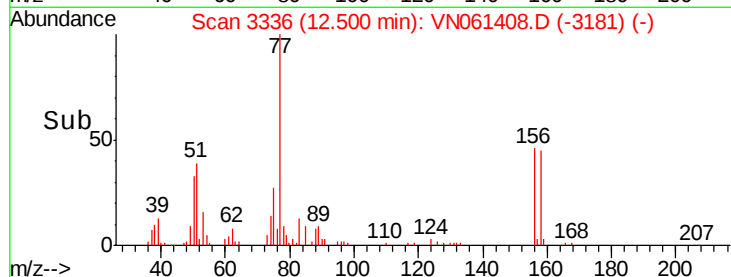
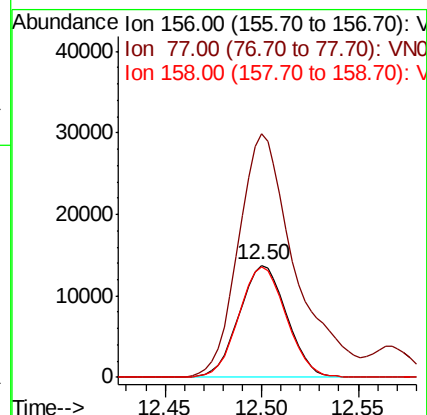
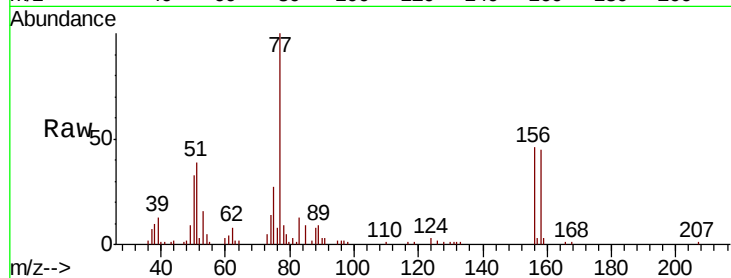




#73
Bromobenzene
Concen: 18.730 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

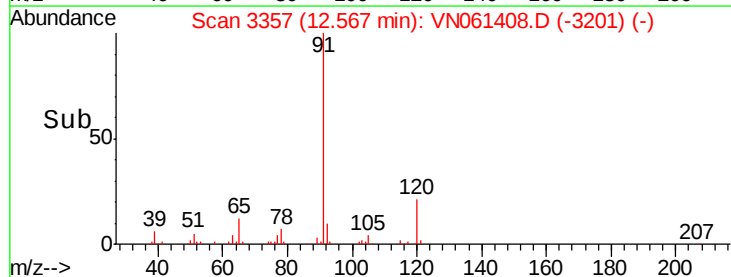
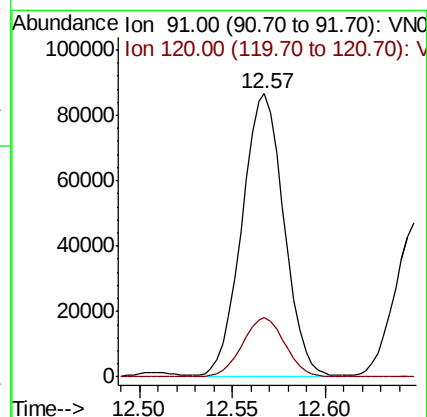
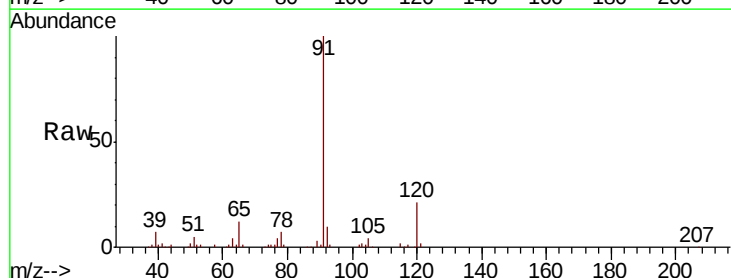
Instrument :
MSVOA_N
ClientSampled :

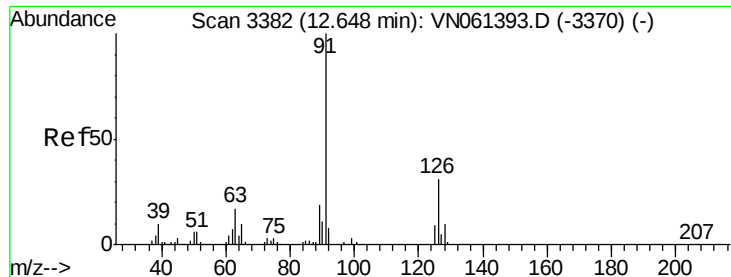
Tot Ion:156 Resp: 23558
Ion Ratio Lower Upper
156 100
77 258.9 0.0 456.0
158 98.2 0.0 195.4



#74
n-propylbenzene
Concen: 19.068 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 91 Resp: 137284
Ion Ratio Lower Upper
91 100
120 21.1 0.0 43.6





#75

2-Chlorotoluene

Concen: 19.247 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

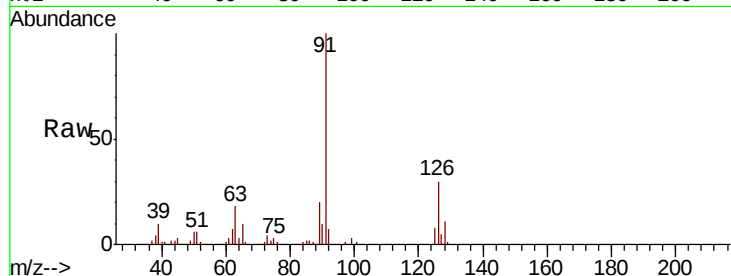
ClientSampleId :

Tot Ion: 91 Resp: 79464

Ion Ratio Lower Upper

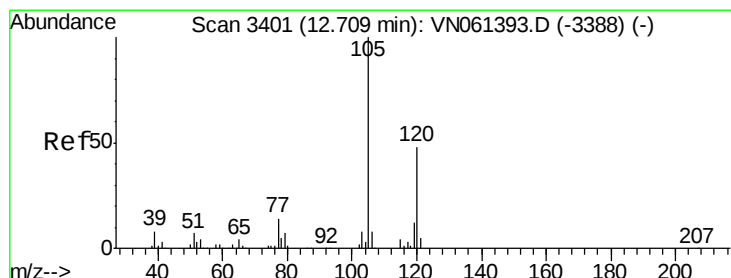
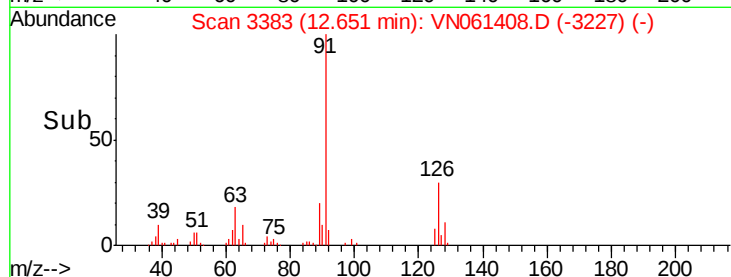
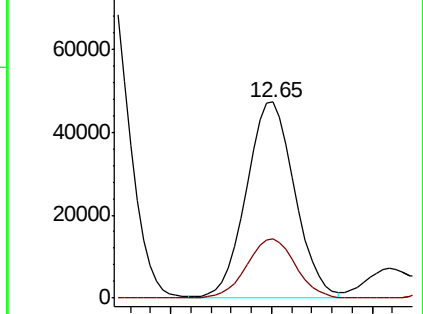
91 100

126 30.4 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN061408.D (-3382) (-)

Ion 126.00 (125.70 to 126.70): VN061408.D (-3382) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.994 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061408.D

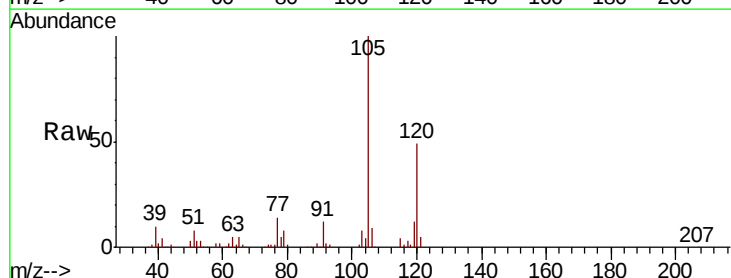
Acq: 14 May 2020 21:34

Tgt Ion:105 Resp: 96518

Ion Ratio Lower Upper

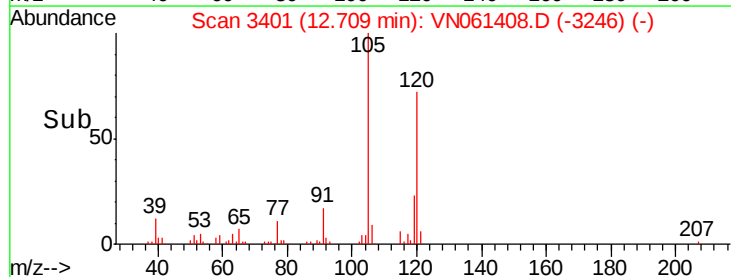
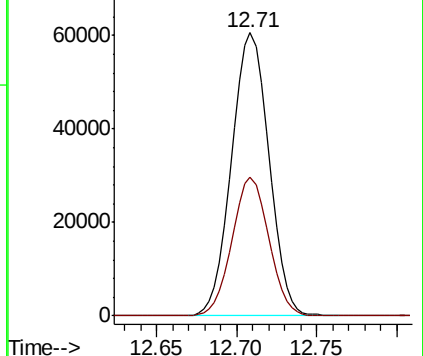
105 100

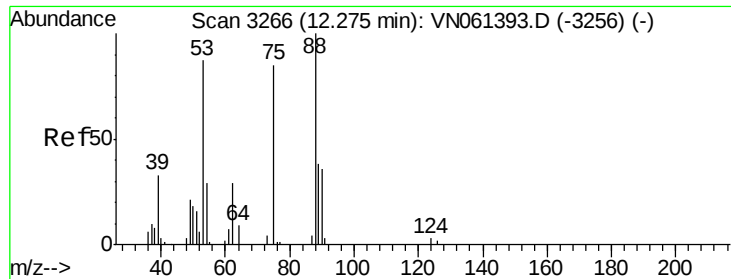
120 48.2 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN061408.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061408.D (-3401) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.014 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

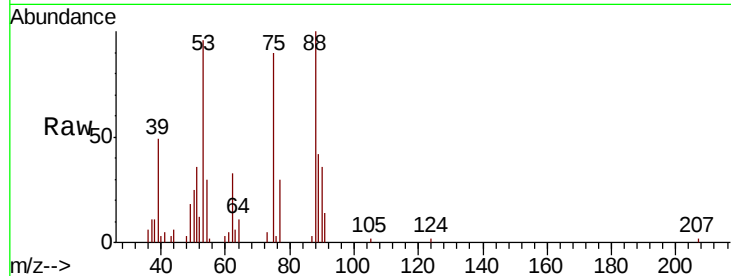
Tot Ion: 75 Resp: 11962

Ion Ratio Lower Upper

75 100

53 106.9 50.0 150.0

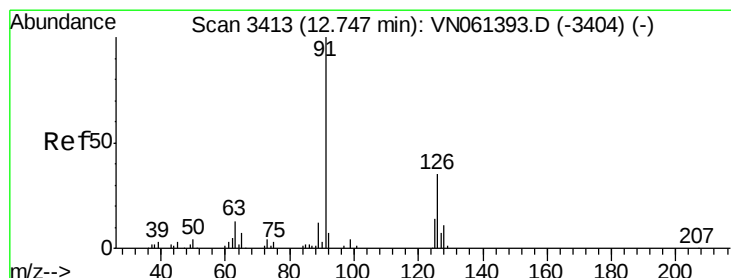
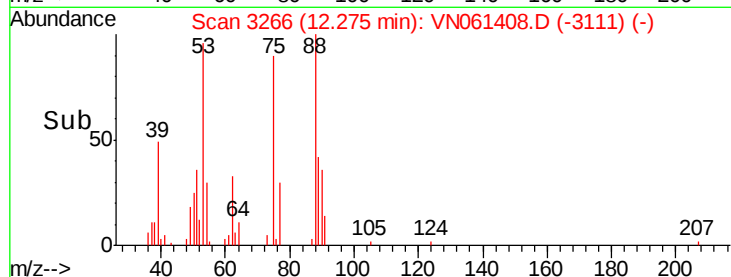
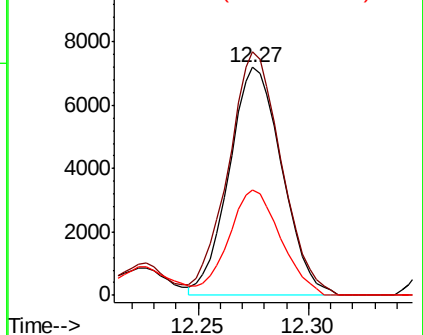
89 46.5 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 18.982 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061408.D

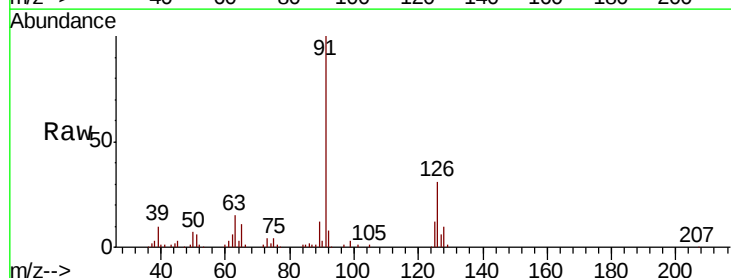
Acq: 14 May 2020 21:34

Tgt Ion: 91 Resp: 82066

Ion Ratio Lower Upper

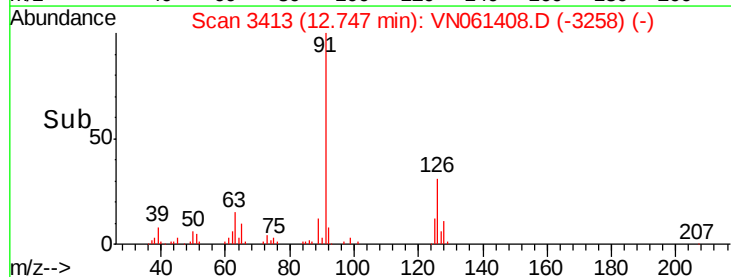
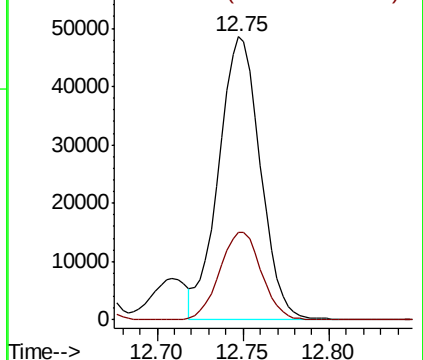
91 100

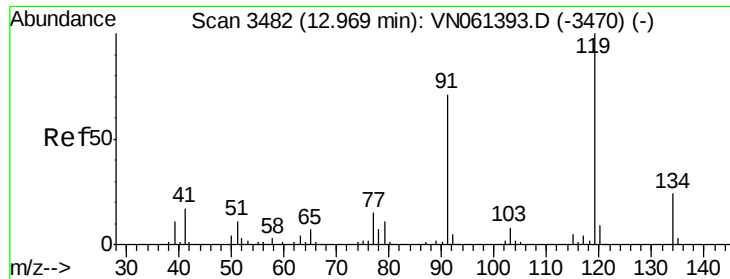
126 30.9 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.195 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

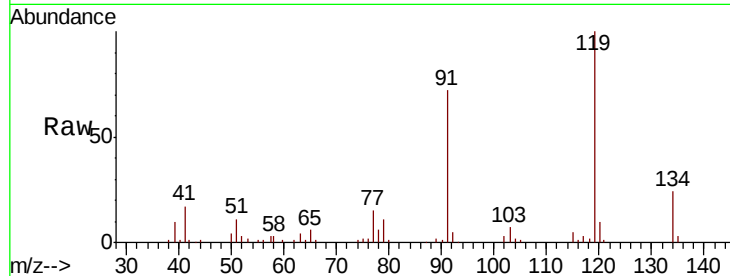
Tot Ion:119 Resp: 81027

Ion Ratio Lower Upper

119 100

91 71.3 0.0 136.4

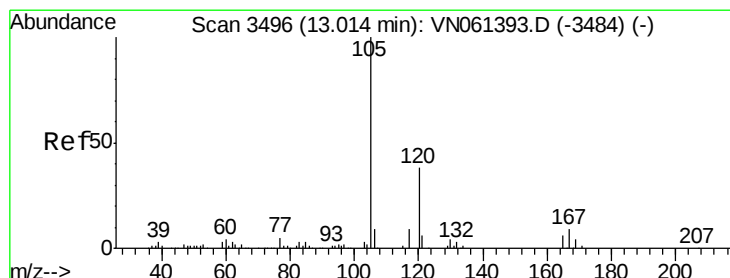
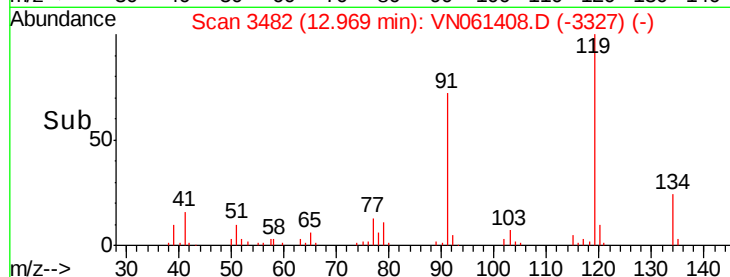
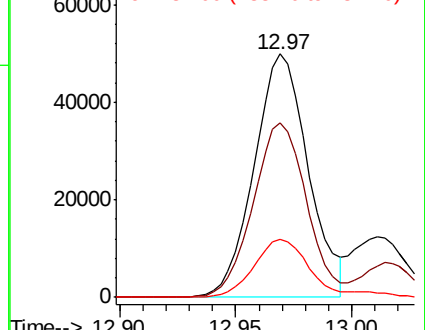
134 23.9 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.175 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN061408.D

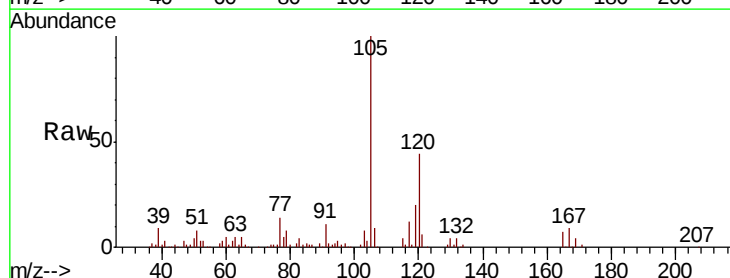
Acq: 14 May 2020 21:34

Tgt Ion:105 Resp: 97257

Ion Ratio Lower Upper

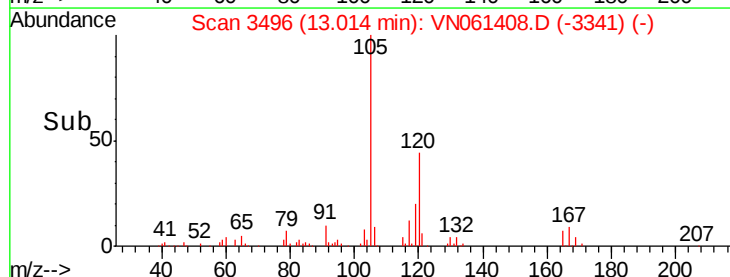
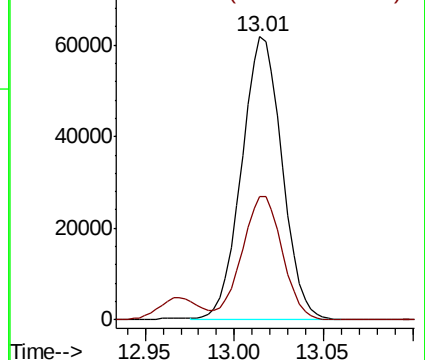
105 100

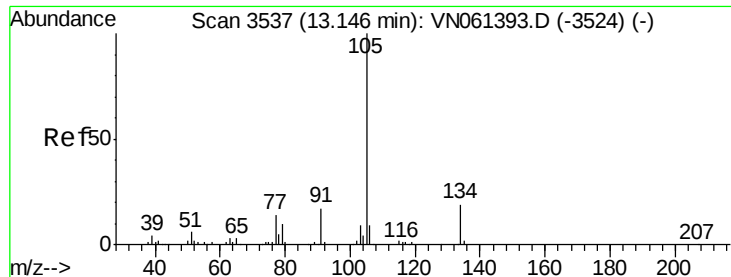
120 43.6 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

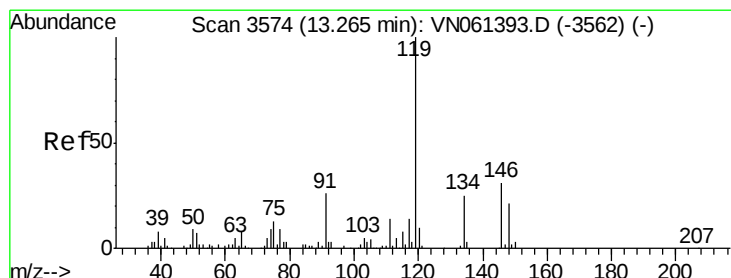
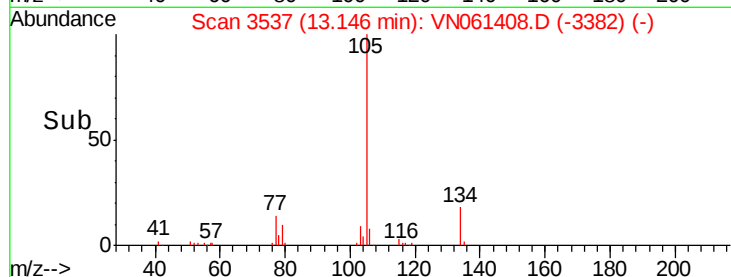
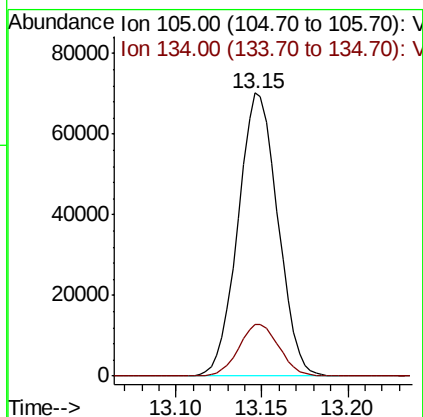
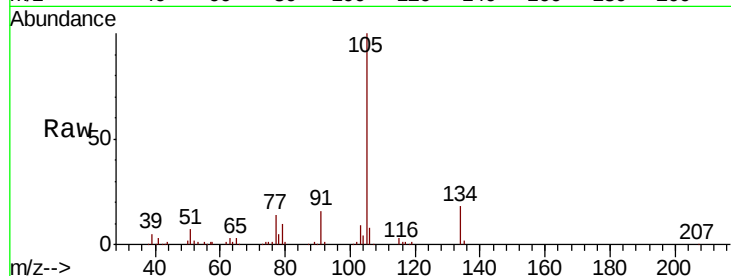




#81
 sec-Butylbenzene
 Concen: 19.372 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

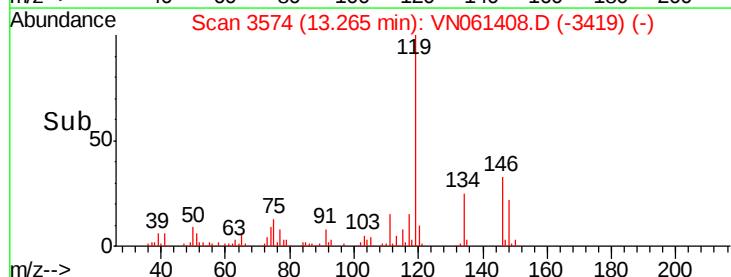
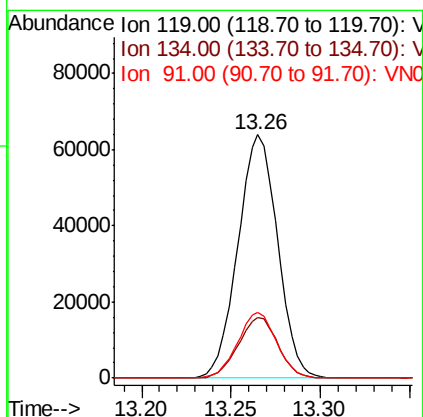
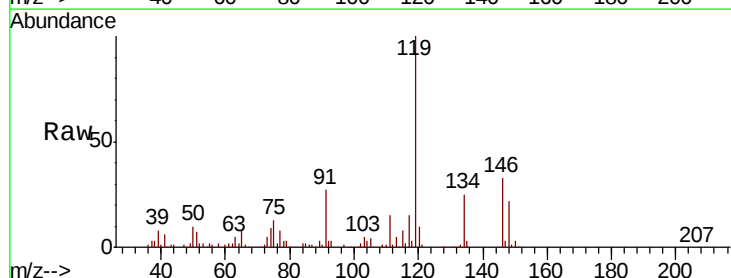
Instrument :
 MSVOA_N
 ClientSampleId :

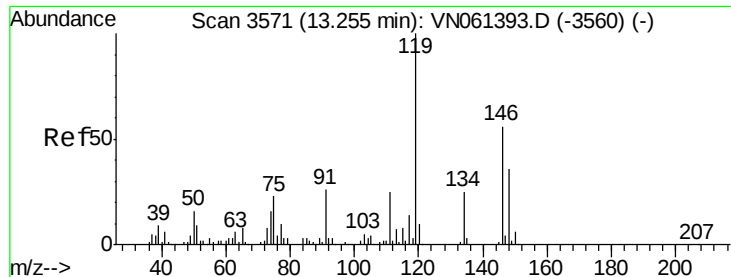
Tot Ion:105 Resp: 112652
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.916 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion:119 Resp: 99052
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 50.8
 91 26.5 0.0 49.4

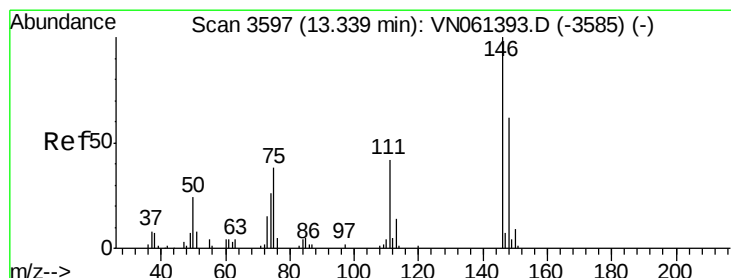
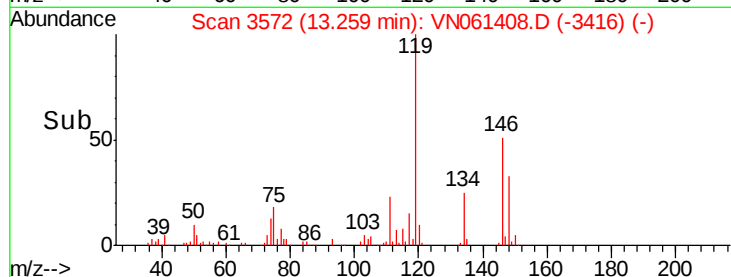
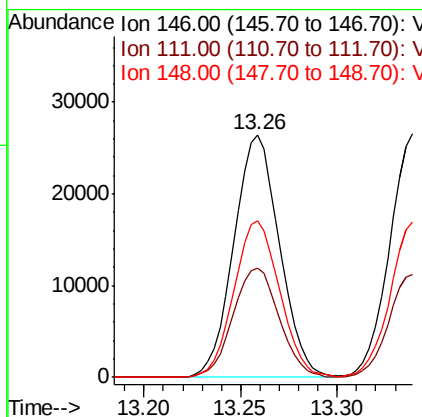
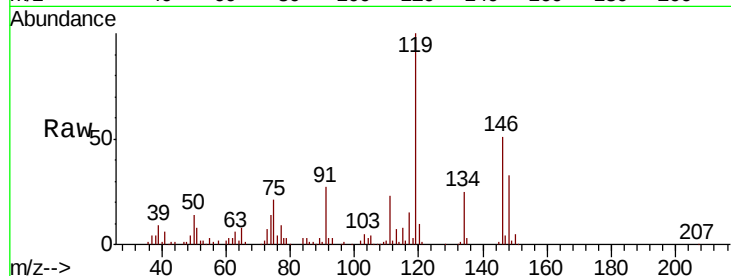




#83
 1,3-Dichlorobenzene
 Concen: 18.573 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

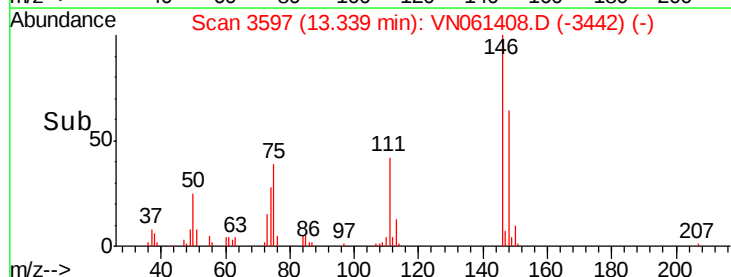
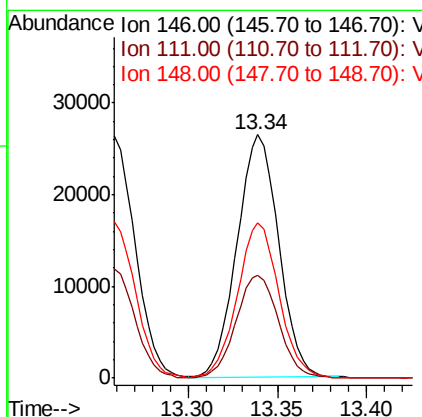
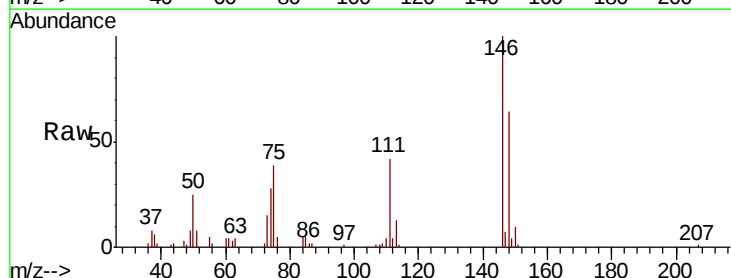
Instrument :
 MSVOA_N
 ClientSampleId :

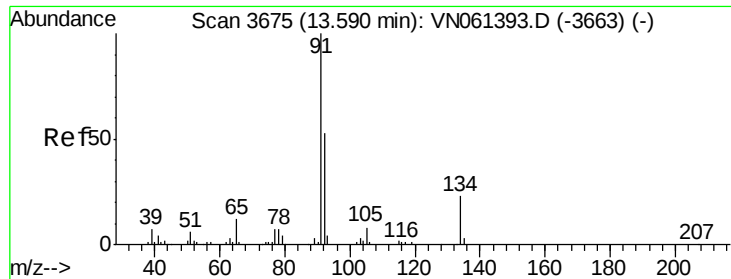
Tot Ion:146 Resp: 43415
 Ion Ratio Lower Upper
 146 100
 111 45.5 21.0 63.0
 148 64.6 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061408.D
 Acq: 14 May 2020 21:34

Tgt Ion:146 Resp: 43015
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.8 59.4
 148 63.9 31.6 94.8

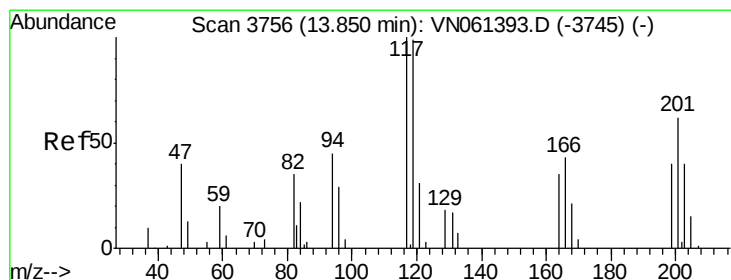
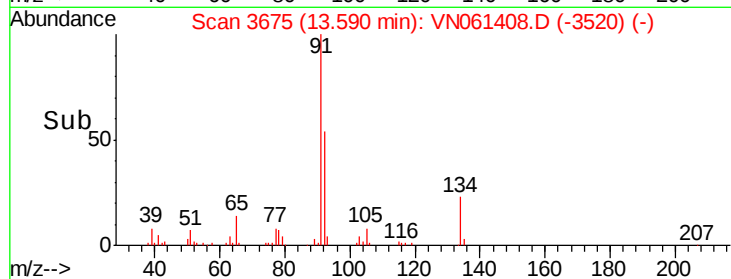
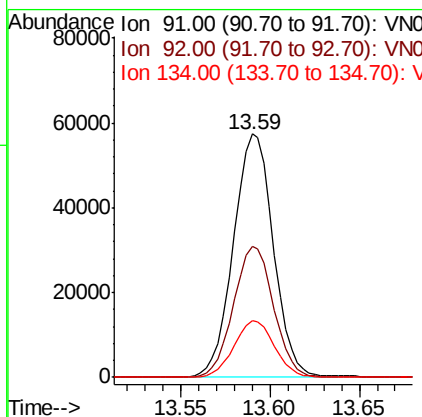
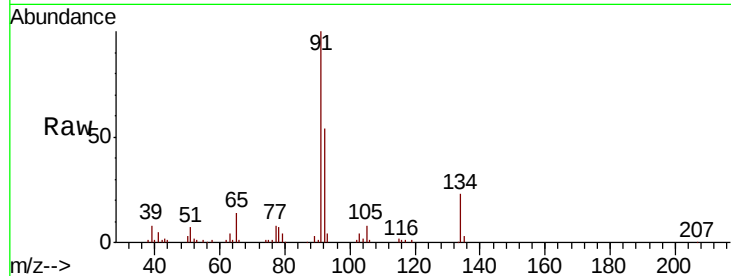




#85
n-Butylbenzene
Concen: 18.515 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

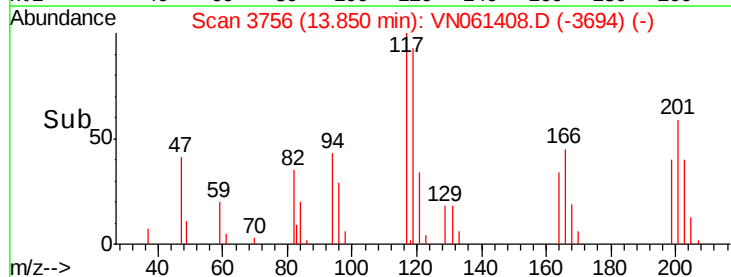
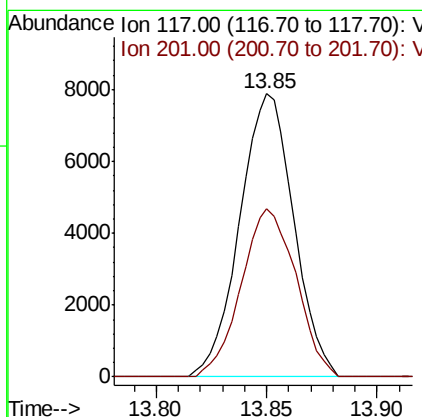
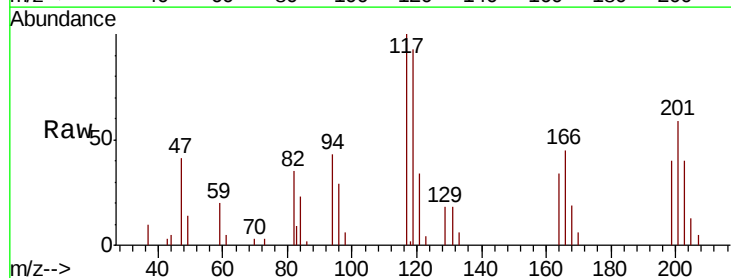
Instrument :
MSVOA_N
ClientSampled :

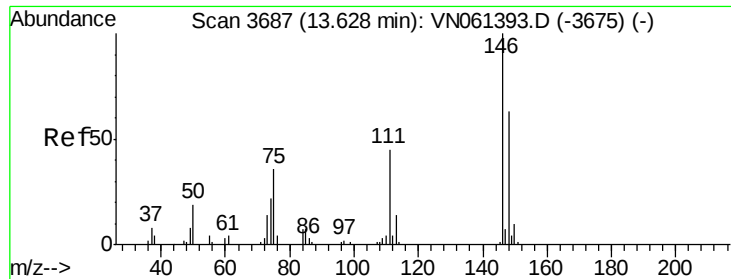
Tot Ion: 91 Resp: 89756
Ion Ratio Lower Upper
91 100
92 54.1 0.0 102.8
134 23.6 0.0 48.6



#86
Hexachloroethane
Concen: 18.290 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion: 117 Resp: 13351
Ion Ratio Lower Upper
117 100
201 60.3 38.7 116.1





#87

1,2-Dichlorobenzene

Concen: 18.727 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

Instrument :

MSVOA_N

ClientSampleId :

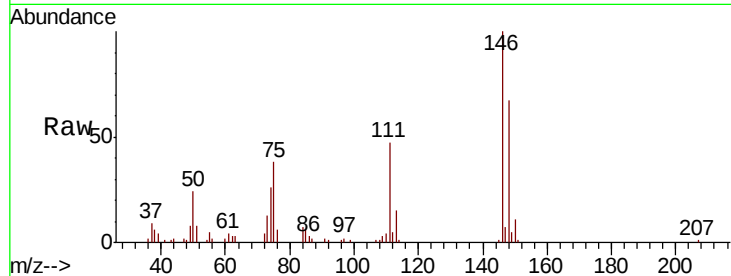
Tot Ion:146 Resp: 41525

Ion Ratio Lower Upper

146 100

111 46.6 21.8 65.4

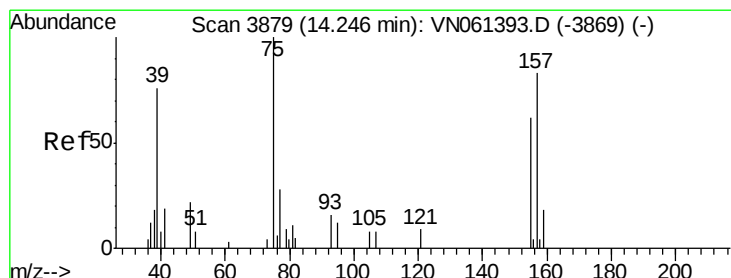
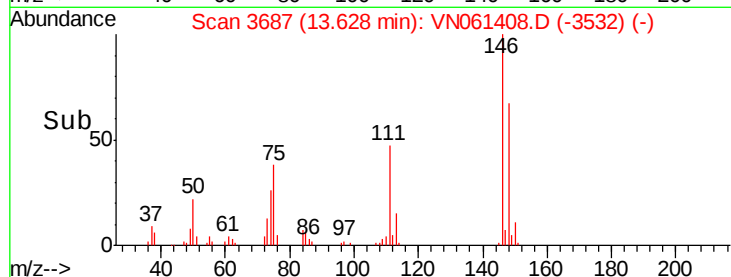
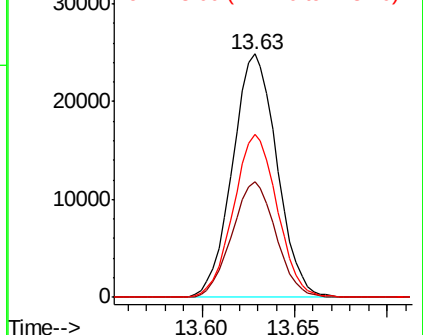
148 65.9 32.1 96.5



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: 19.819 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN061408.D

Acq: 14 May 2020 21:34

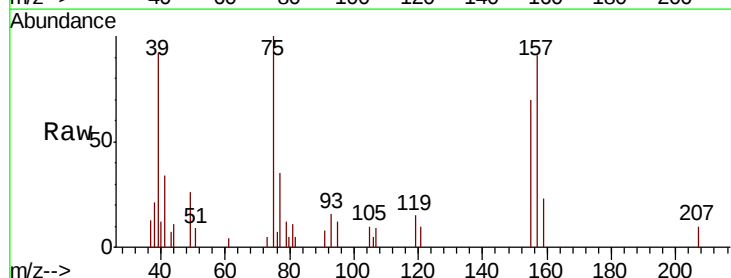
Tgt Ion: 75 Resp: 7066

Ion Ratio Lower Upper

75 100

155 65.1 58.3 87.5

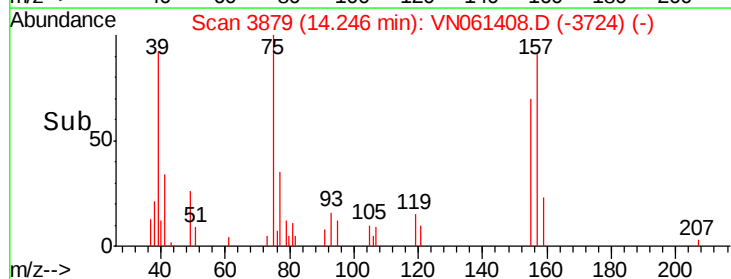
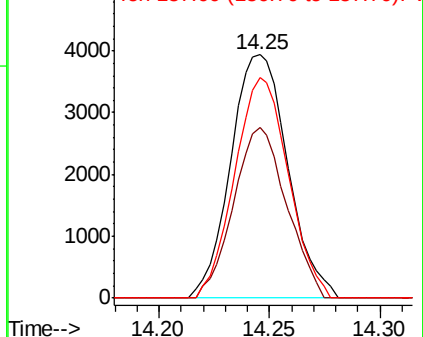
157 85.1 75.0 112.6

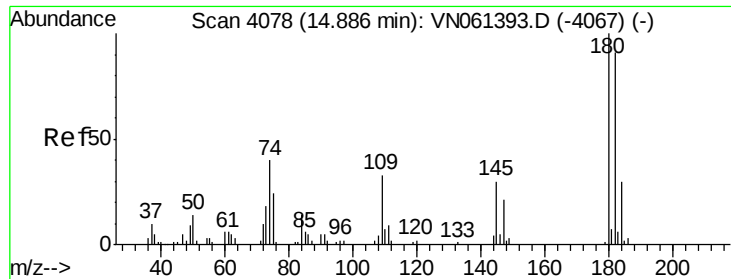


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

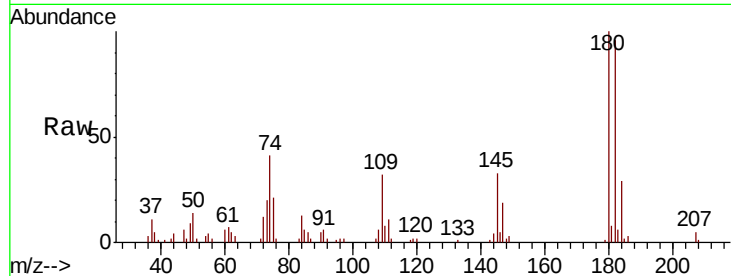




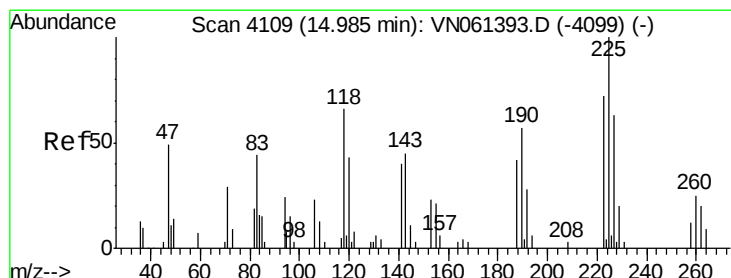
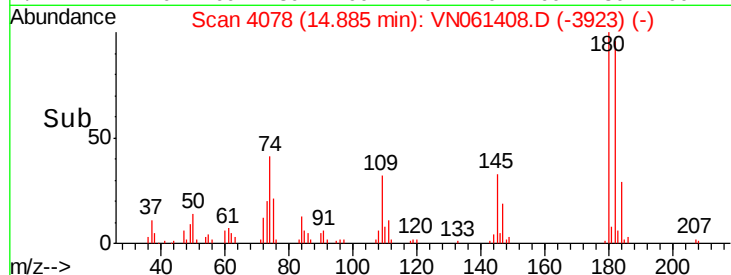
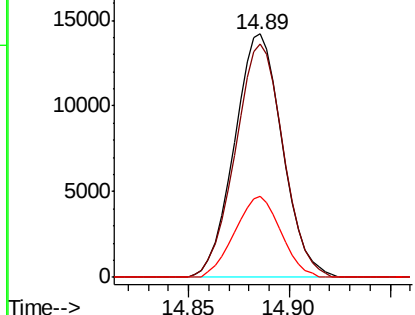
#89
1,2,4-Trichlorobenzene
Concen: 18.627 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:180 Resp: 23730
Ion Ratio Lower Upper
180 100
182 95.3 75.3 112.9
145 31.9 24.8 37.2

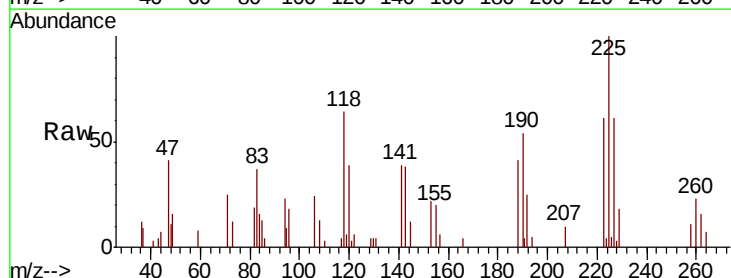


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

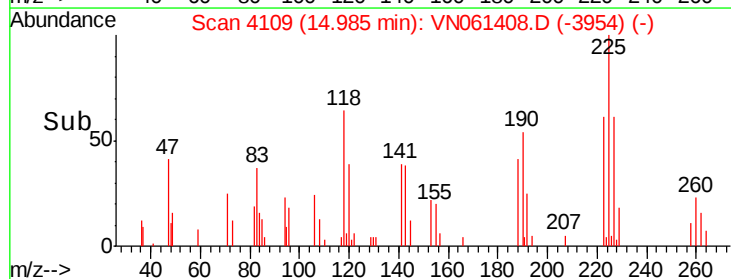
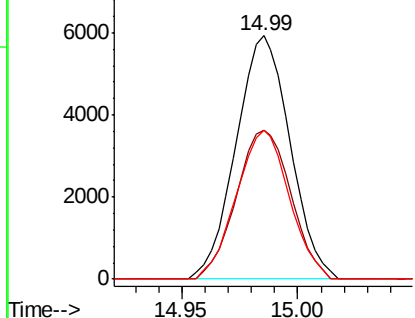


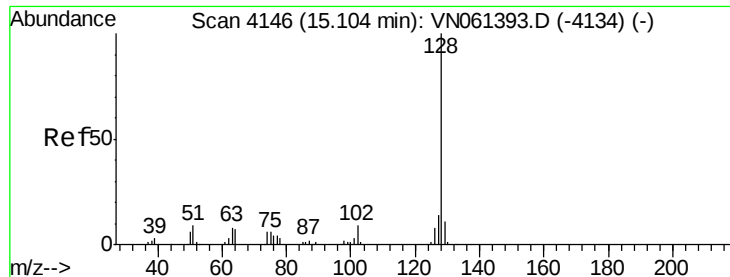
#90
Hexachlorobutadiene
Concen: 18.519 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. -0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion:225 Resp: 9611
Ion Ratio Lower Upper
225 100
223 61.6 0.0 126.2
227 59.8 0.0 127.0



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

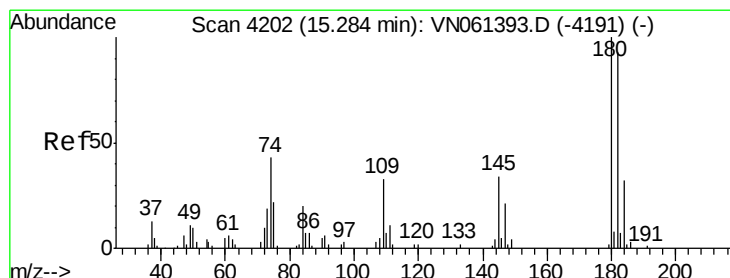
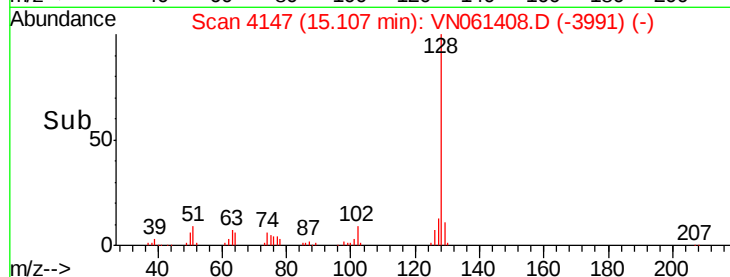
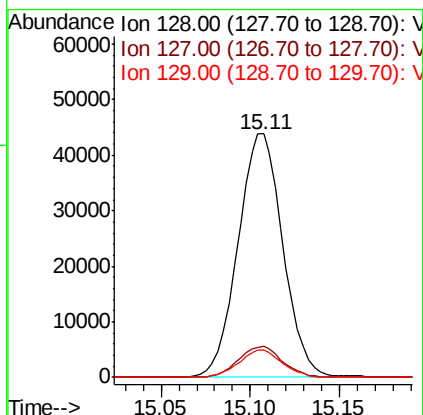
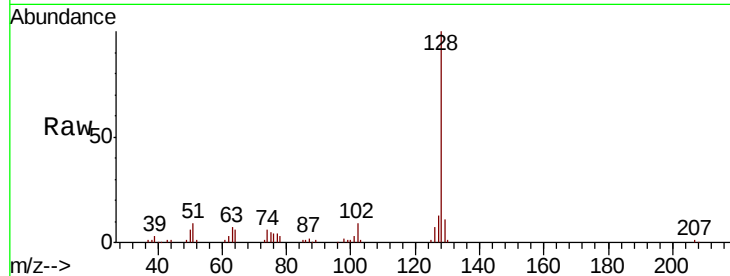




#91
Naphthalene
Concen: 19.122 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 76621
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.620 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061408.D
Acq: 14 May 2020 21:34

Tgt Ion:180 Resp: 23039
Ion Ratio Lower Upper
180 100
182 98.5 0.0 193.4
145 36.1 0.0 65.8

