

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020287.D
 Acq On : 22 Dec 2020 06:27
 Operator : JC/MD
 Sample : L5159-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 06:58:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.641	168	311674	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.836	114	519060	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.097	117	496460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.073	152	255475	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.092	65	200952	48.10	ug/l	0.07
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.20%
35) Dibromofluoromethane	5.476	113	136619	41.14	ug/l	0.02
Spiked Amount	50.000	Range	69 - 133	Recovery	=	82.28%
50) Toluene-d8	8.701	98	651807	51.00	ug/l	0.01
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.00%
62) 4-Bromofluorobenzene	11.122	95	248422	50.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.56%

Target Compounds						Qvalue
3) Chloromethane	1.398	50	1717117	437.47	ug/l #	77
5) Bromomethane	1.629	94	305	0.22	ug/l #	78
6) Chloroethane	1.709	64	586	0.22	ug/l #	70
8) Diethyl Ether	2.166	74	34127	14.26	ug/l #	5
10) Methyl Iodide	2.495	142	204	3.33	ug/l #	42
11) Tert butyl alcohol	3.019	59	4471357	4779.48	ug/l #	88
13) Acrolein	2.373	56	40828	69.84	ug/l #	62
14) Allyl chloride	2.593	41	529694	93.74	ug/l #	64
15) Acrylonitrile	3.166	53	23573	10.95	ug/l #	32
16) Acetone	2.422	43	7644430	4012.59	ug/l	97
17) Carbon Disulfide	2.550	76	14549	1.55	ug/l	99
18) Methyl Acetate	2.751	43	873561	205.59	ug/l	98
19) Methyl tert-butyl Ether	3.172	73	1374276	115.31	ug/l #	84
20) Methylene Chloride	2.830	84	16641	3.87	ug/l #	80
22) Diisopropyl ether	3.788	45	2544141	220.60	ug/l #	1
23) Vinyl Acetate	3.788	43	185816	18.90	ug/l #	73
24) 1,1-Dichloroethane	3.800	63	18707	2.75	ug/l #	81
25) 2-Butanone	4.647	43	3262030	1176.46	ug/l	100
26) 2,2-Dichloropropane	4.440	77	182407	32.54	ug/l #	52
29) Tetrahydrofuran	5.098	42	133499	76.53	ug/l #	83
31) Cyclohexane	5.549	56	817354	141.88	ug/l	98
36) 1,1-Dichloropropene	5.635	75	24401	4.76	ug/l #	48
37) Ethyl Acetate	4.800	43	123207	23.11	ug/l	94
38) Carbon Tetrachloride	5.641	117	31093	6.37	ug/l #	16
39) Methylcyclohexane	7.445	83	782570	132.16	ug/l	96
41) Methacrylonitrile	5.104	41	188921	66.51	ug/l #	38
42) 1,2-Dichloroethane	6.177	62	1230731	224.68	ug/l #	73
43) Isopropyl Acetate	6.415	43	872218	103.63	ug/l #	74
45) 1,2-Dichloropropane	7.439	63	6071	1.50	ug/l #	1
47) Bromodichloromethane	7.836	83	1390	0.26	ug/l #	1
48) Methyl methacrylate	7.750	41	253979	61.58	ug/l #	30
49) 1,4-Dioxane	7.732	88	148329	1536.40	ug/l #	69
51) 4-Methyl-2-Pentanone	8.646	43	848826	162.91	ug/l	97
53) t-1,3-Dichloropropene	9.116	75	119259	20.60	ug/l #	83
54) cis-1,3-Dichloropropene	8.390	75	143804	22.62	ug/l #	1
55) 1,1,2-Trichloroethane	9.152	97	32529	8.09	ug/l #	1

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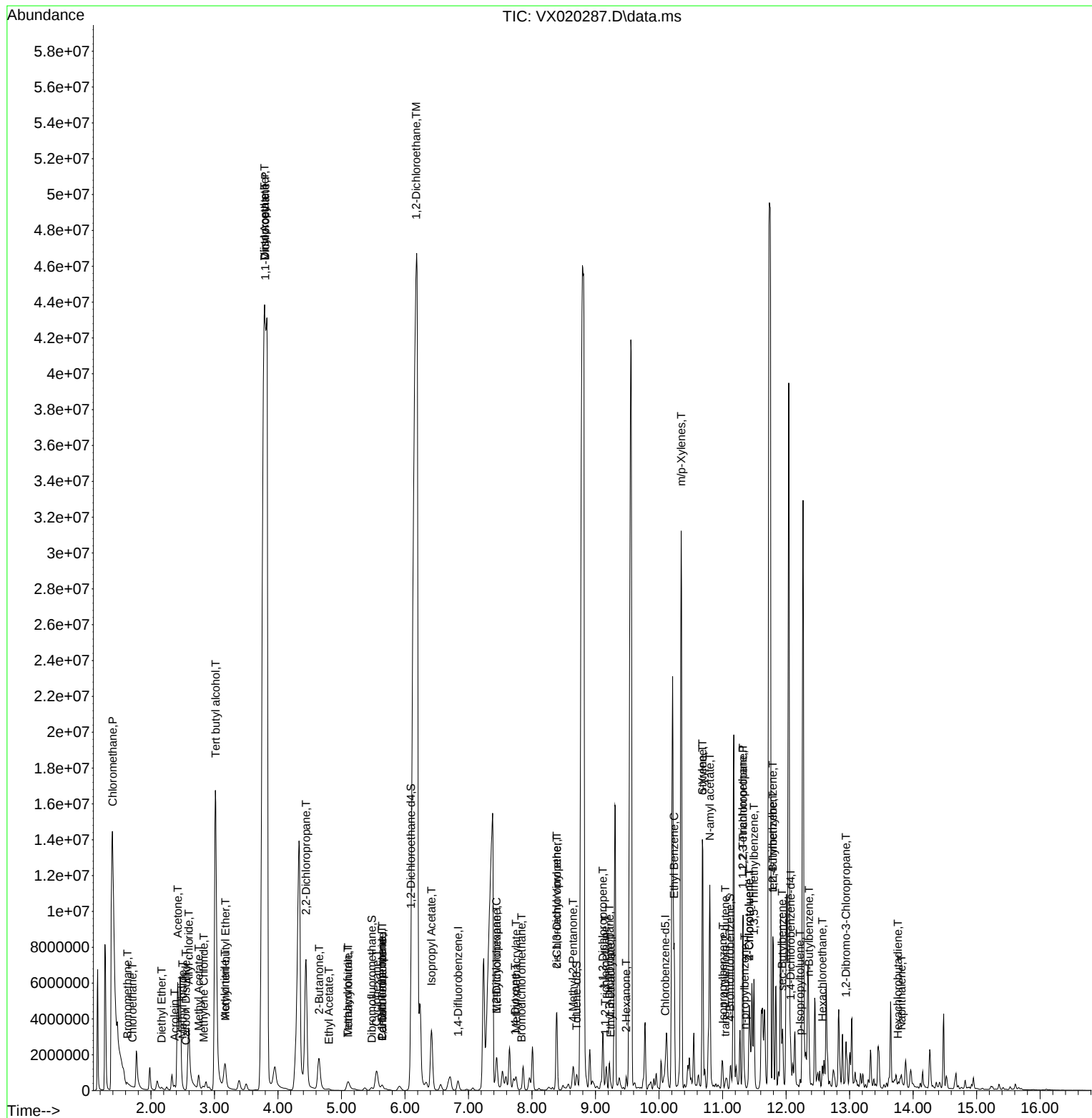
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.238	69	14466	2.46	ug/l #	1
57) 1,3-Dichloropropane	9.219	76	34816	5.09	ug/l #	51
58) 2-Chloroethyl Vinyl ether	8.390	63	204914	65.86	ug/l #	88
59) 2-Hexanone	9.482	43	323894	81.57	ug/l	97
67) Ethyl Benzene	10.238	91	4430299	237.94	ug/l	97
68) m/p-Xylenes	10.347	106	7779670	1119.22	ug/l	84
69) o-Xylene	10.683	106	3076819	459.92	ug/l	95
70) Styrene	10.683	104	153855	13.60	ug/l #	1
73) Isopropylbenzene	11.006	105	545538	29.59	ug/l	100
74) N-amyl acetate	10.798	43	1613786	217.14	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.317	83	386498	57.72	ug/l #	26
76) 1,2,3-Trichloropropane	11.323	75	18121	2.88	ug/l #	1
78) n-propylbenzene	11.347	91	411931	19.39	ug/l	97
79) 2-Chlorotoluene	11.420	91	342085	25.82	ug/l	75
80) 1,3,5-Trimethylbenzene	11.493	105	1944493	124.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.042	75	22349	10.54	ug/l #	71
82) 4-Chlorotoluene	11.420	91	342085	22.10	ug/l	80
83) tert-Butylbenzene	11.792	119	456686	30.45	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.792	105	3687864	232.47	ug/l	99
85) sec-Butylbenzene	11.938	105	143777	8.31	ug/l	82
86) p-Isopropyltoluene	12.219	119	181247	11.36	ug/l	97
89) n-Butylbenzene	12.359	91	255690	18.28	ug/l #	11
90) Hexachloroethane	12.573	117	51935	18.86	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.944	75	10627	7.56	ug/l #	1
94) Hexachlorobutadiene	13.761	225	23	2.65	ug/l #	19
95) Naphthalene	13.816	128	416778	23.60	ug/l	98

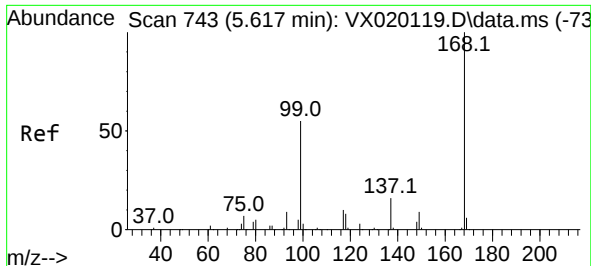
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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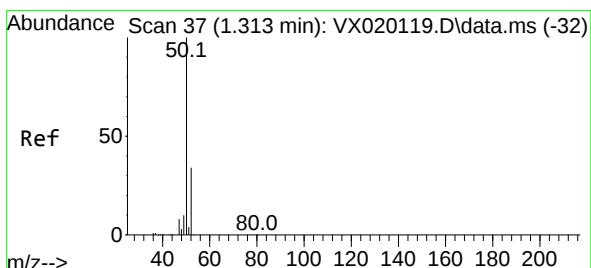
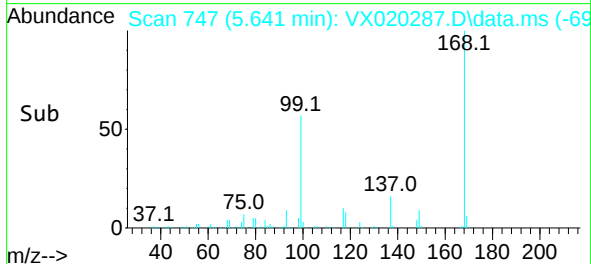
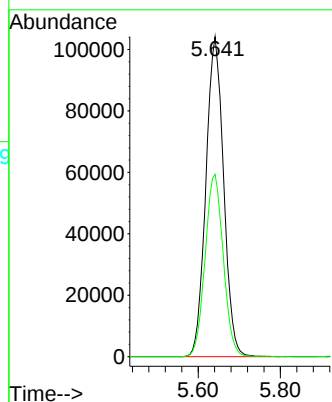
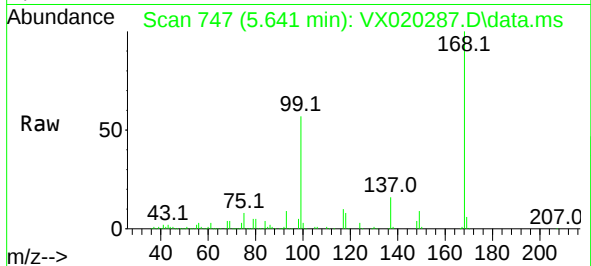




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.641 min Scan# 747
Delta R.T. 0.024 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

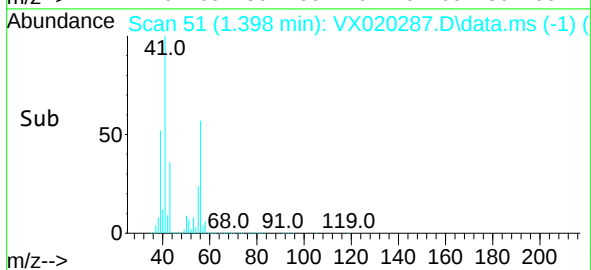
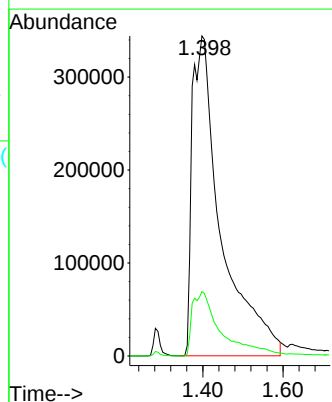
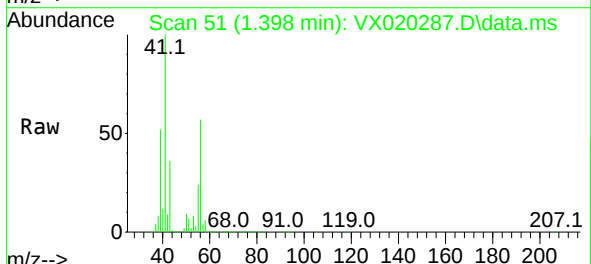
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ClientSampleId :

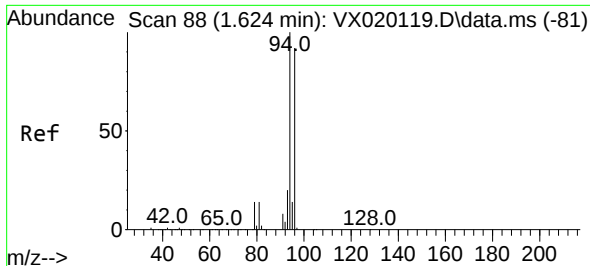
Tgt Ion:168 Resp: 311674
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 437.47 ug/l
RT: 1.398 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 50 Resp: 1717117
Ion Ratio Lower Upper
50 100
52 20.1 26.4 39.6#

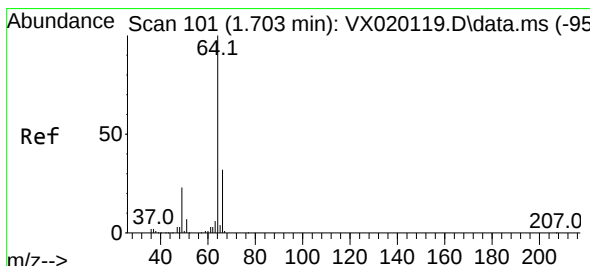
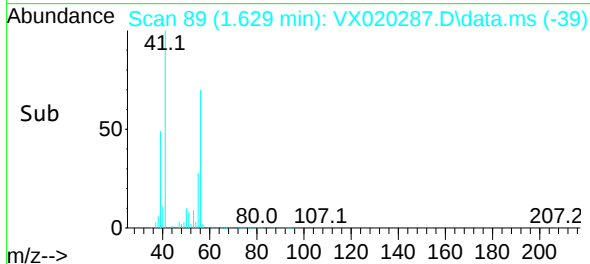
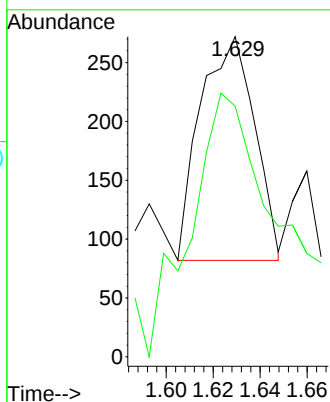
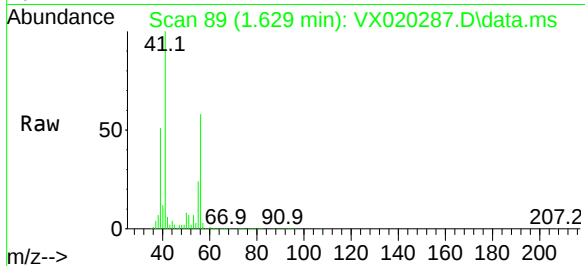




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

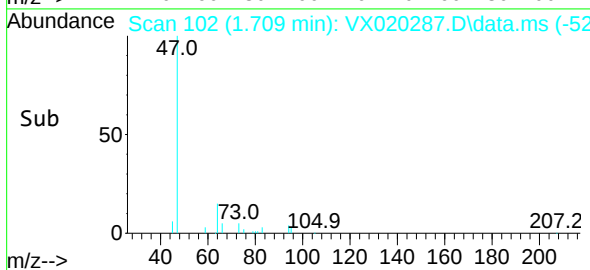
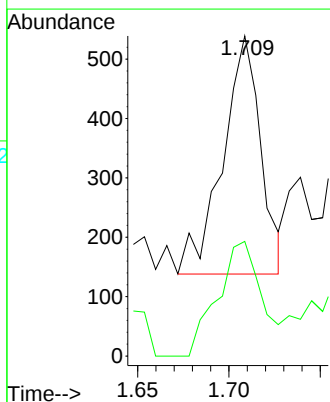
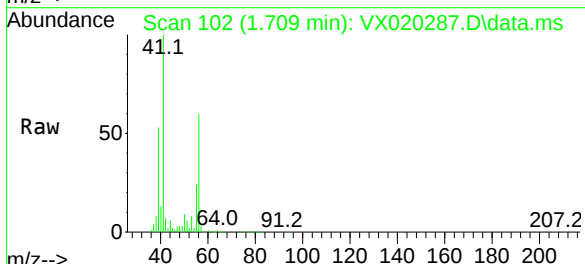
Instrument :
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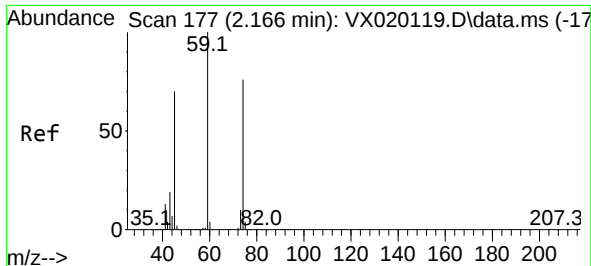
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 73.7 76.4 114.6#



#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

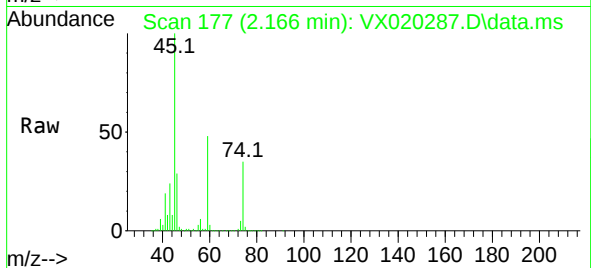
Tgt Ion: 64 Resp: 586
Ion Ratio Lower Upper
64 100
66 48.1 25.4 38.0#



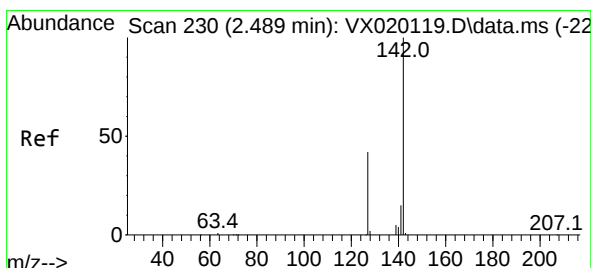
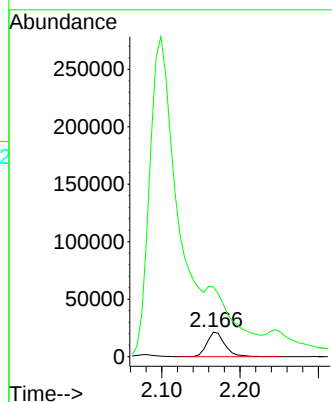
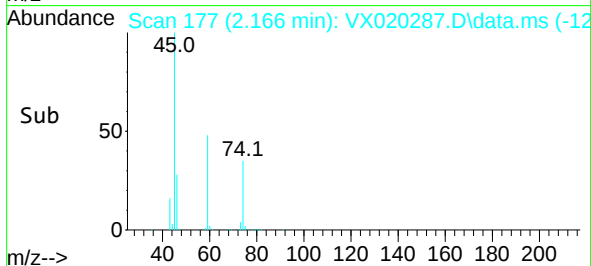


#8
Diethyl Ether
Concen: 14.26 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.000 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

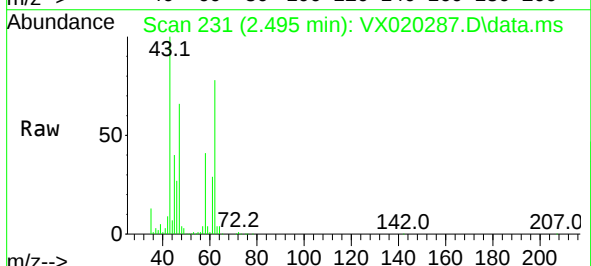
Instrument :
MSVOA_X
ClientSampleId :



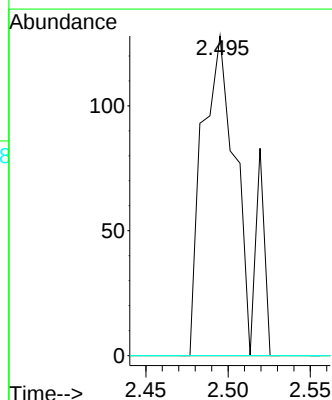
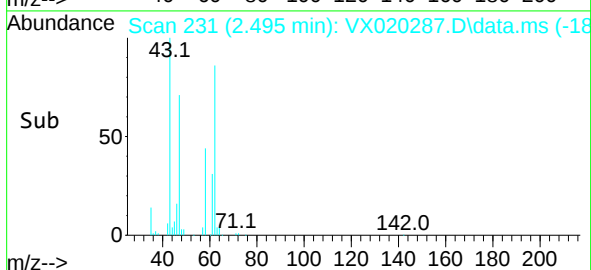
Tgt Ion: 74 Resp: 34127
Ion Ratio Lower Upper
74 100
45 0.0 44.5 133.5#

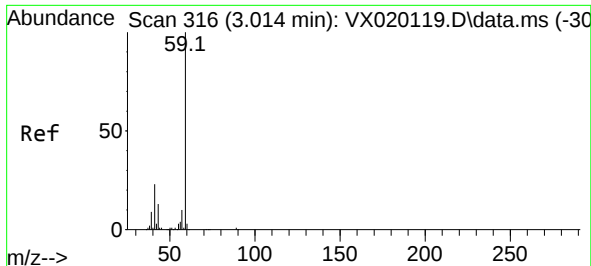


#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27



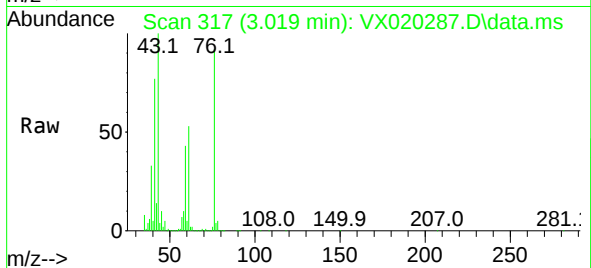
Tgt Ion: 142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



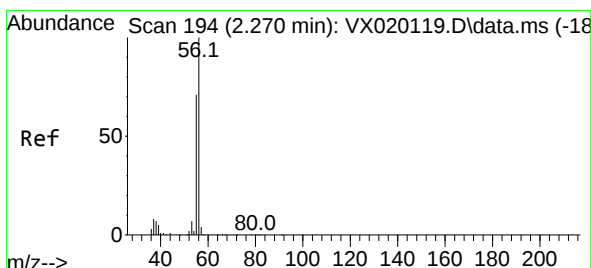
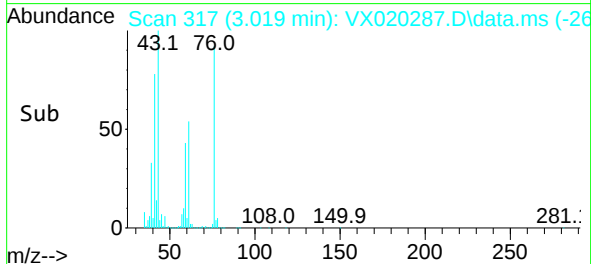
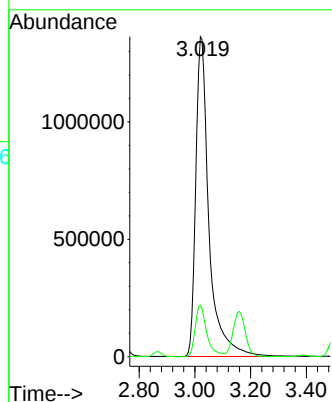


#11
Tert butyl alcohol
Concen: 4779.48 ug/l
RT: 3.019 min Scan# 317
Delta R.T. 0.005 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Instrument :
MSVOA_X
ClientSampled :

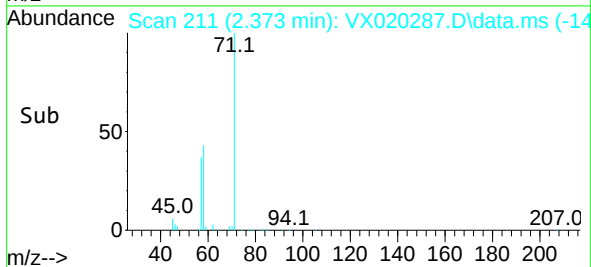
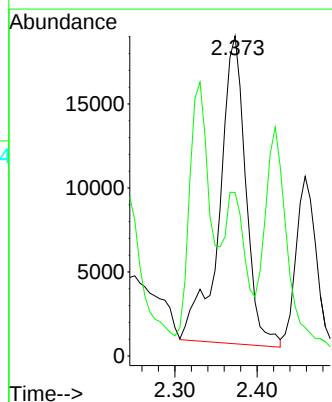
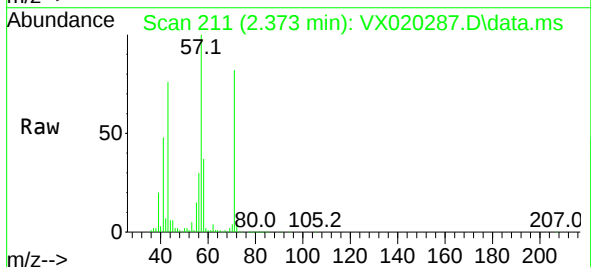


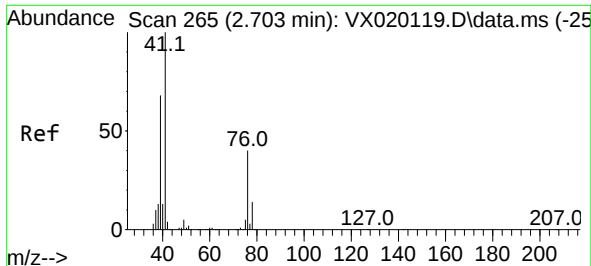
Tgt Ion: 59 Resp: 4471357
Ion Ratio Lower Upper
59 100
57 14.2 7.8 11.8#



#13
Acrolein
Concen: 69.84 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.103 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

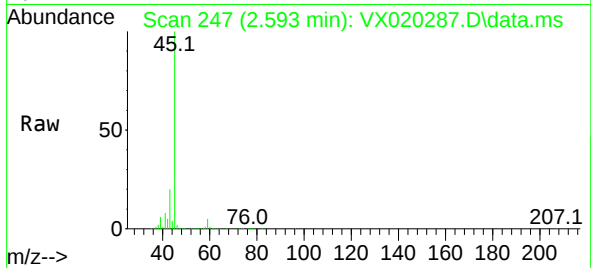
Tgt Ion: 56 Resp: 40828
Ion Ratio Lower Upper
56 100
55 38.9 56.4 84.6#



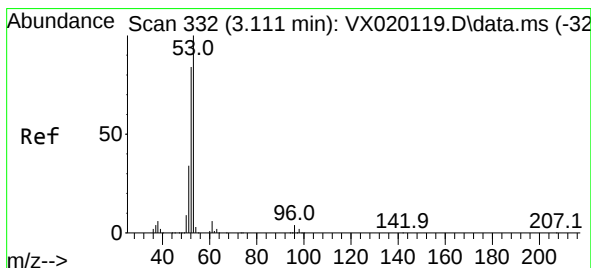
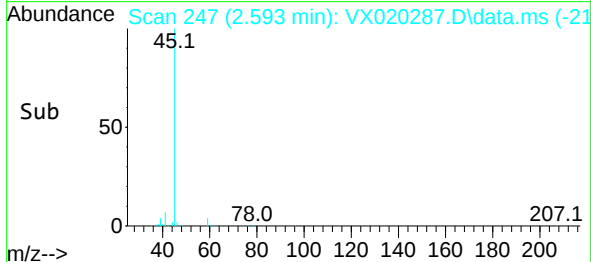
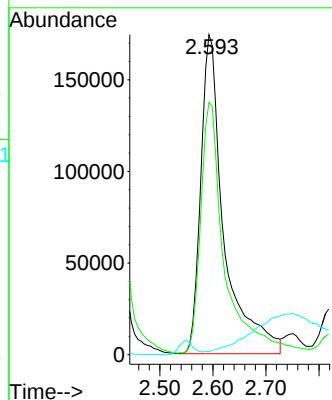


#14
 Allyl chloride
 Concen: 93.74 ug/l
 RT: 2.593 min Scan# 247
 Delta R.T. -0.110 min
 Lab File: VX020287.D
 Acq: 22 Dec 2020 06:27

Instrument :
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 ClientSampleId :

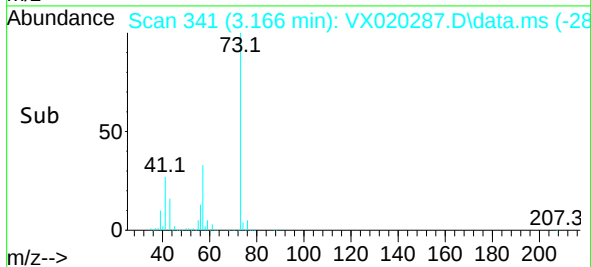
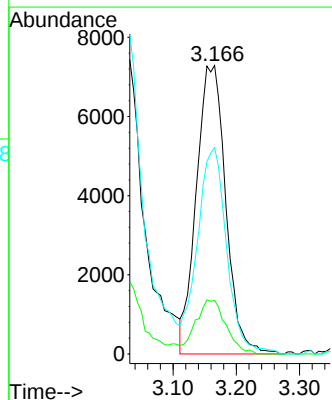
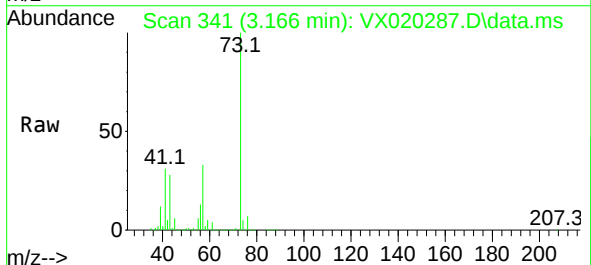


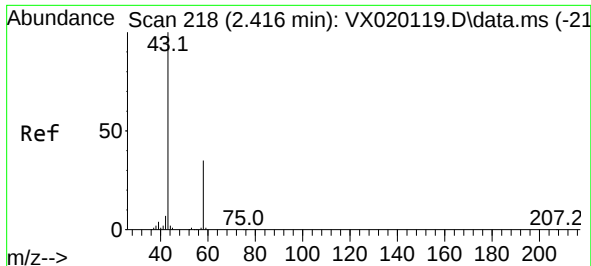
Tgt Ion: 41 Resp: 529694
 Ion Ratio Lower Upper
 41 100
 39 80.5 51.6 77.4#
 76 0.0 30.5 45.7#



#15
 Acrylonitrile
 Concen: 10.95 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.055 min
 Lab File: VX020287.D
 Acq: 22 Dec 2020 06:27

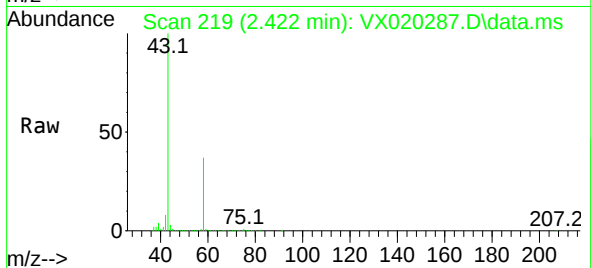
Tgt Ion: 53 Resp: 23573
 Ion Ratio Lower Upper
 53 100
 52 19.3 65.3 97.9#
 51 71.7 28.2 42.2#



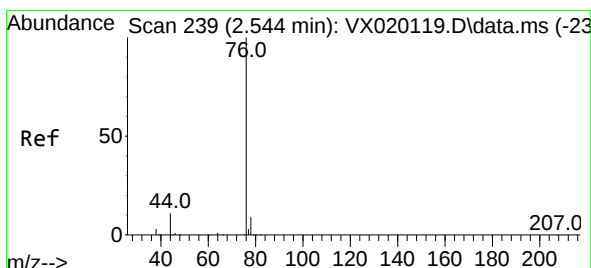
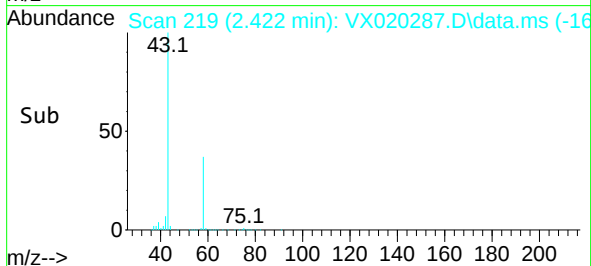
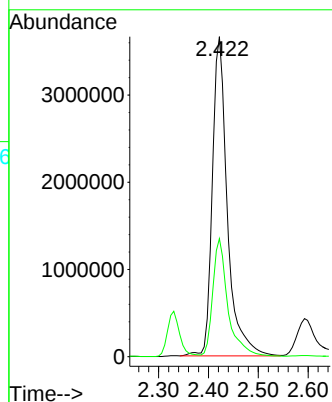


#16
Acetone
Concen: 4012.59 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Instrument :
MSVOA_X
ClientSampled :

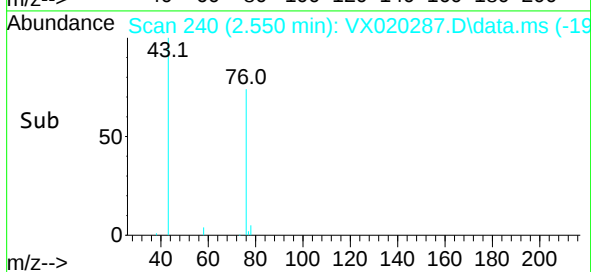
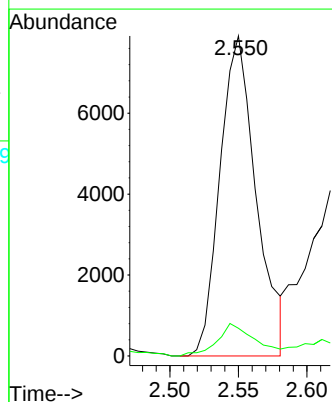
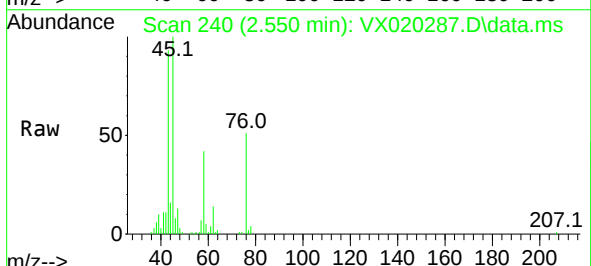


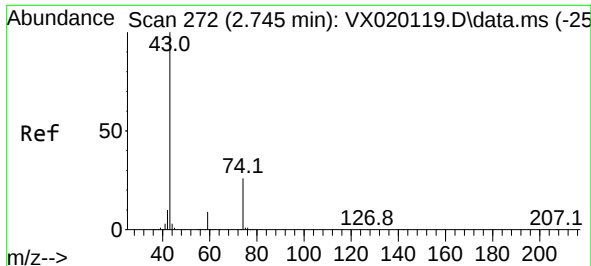
Tgt Ion: 43 Resp: 7644430
Ion Ratio Lower Upper
43 100
58 36.8 27.8 41.8



#17
Carbon Disulfide
Concen: 1.55 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 76 Resp: 14549
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8





#18

Methyl Acetate

Concen: 205.59 ug/l

RT: 2.751 min Scan# 273

Delta R.T. 0.006 min

Lab File: VX020287.D

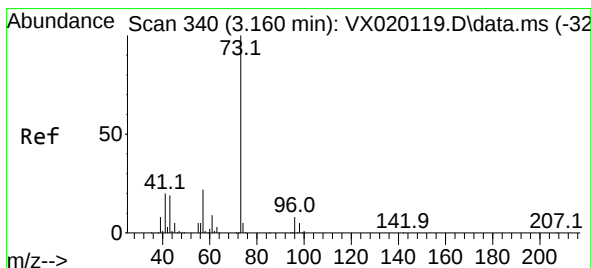
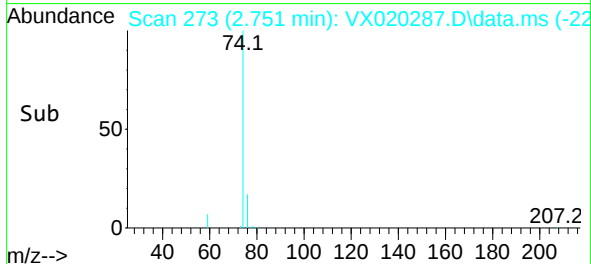
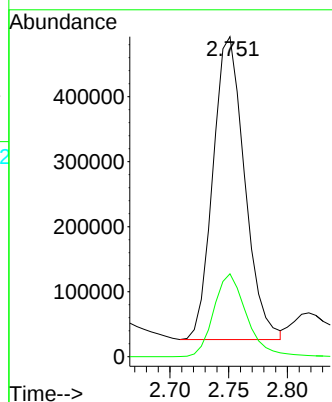
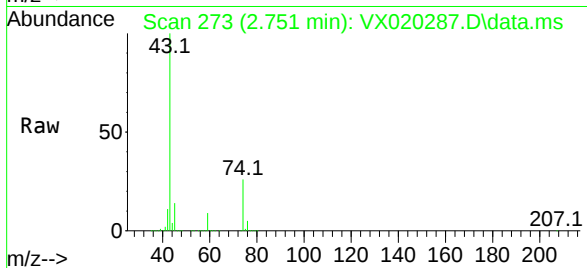
Acq: 22 Dec 2020 06:27

Tgt Ion: 43 Resp: 873561

Ion Ratio Lower Upper

43 100

74 28.6 21.9 32.9



#19

Methyl tert-butyl Ether

Concen: 115.31 ug/l

RT: 3.172 min Scan# 342

Delta R.T. 0.012 min

Lab File: VX020287.D

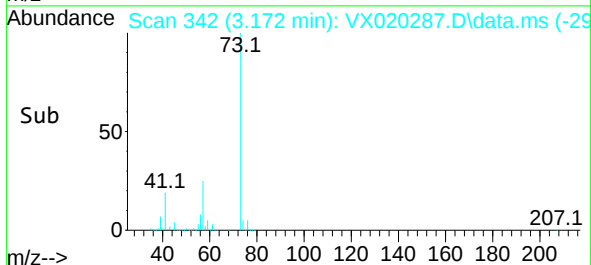
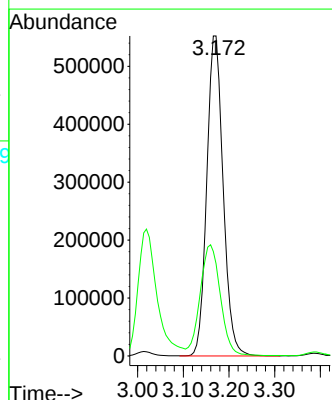
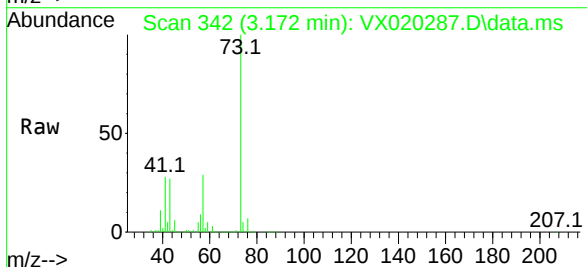
Acq: 22 Dec 2020 06:27

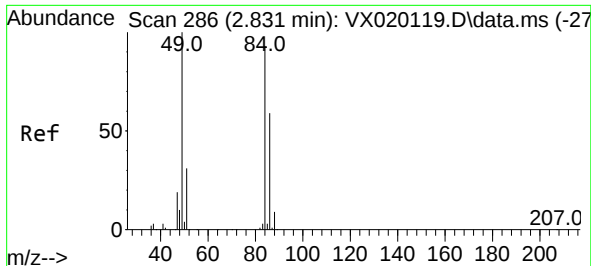
Tgt Ion: 73 Resp: 1374276

Ion Ratio Lower Upper

73 100

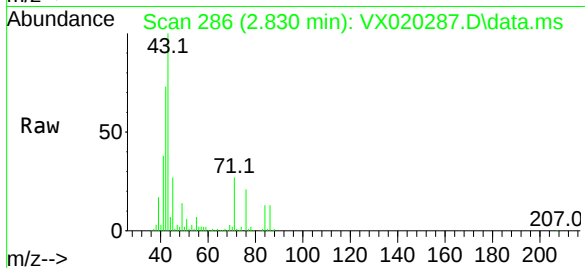
57 28.7 17.1 25.7#



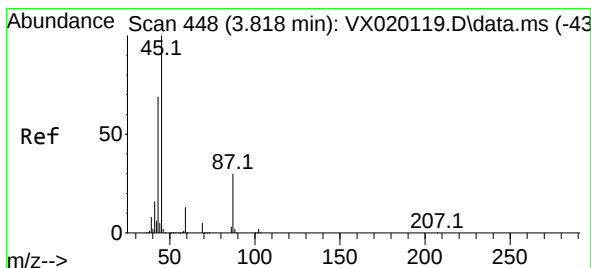
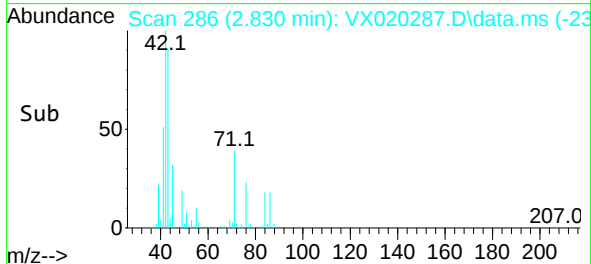
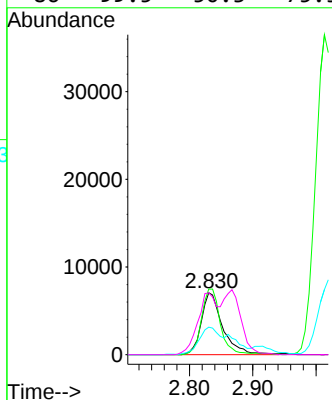


#20
Methylene Chloride
Concen: 3.87 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Instrument :
MSVOA_X
ClientSampled :

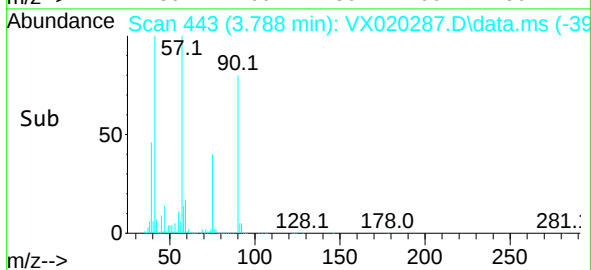
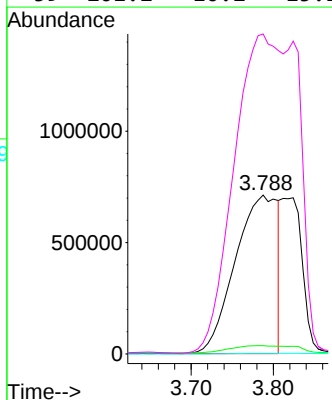
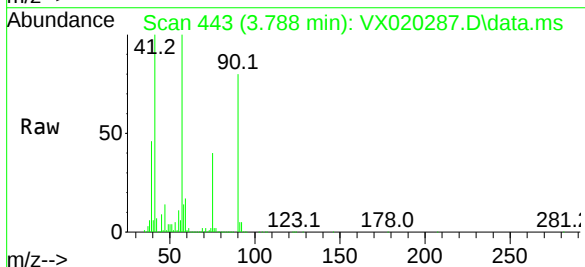


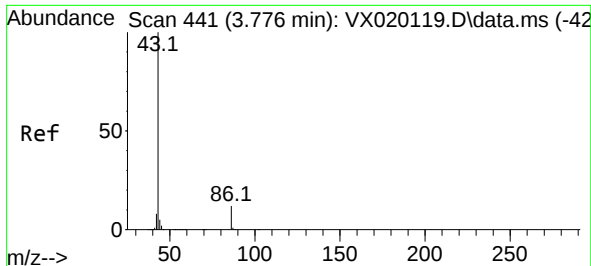
Tgt Ion: 84	Resp: 16641
Ion Ratio	Lower Upper
84 100	
49 105.8	88.6 132.8
51 44.3	27.0 40.6#
86 99.5	50.3 75.5#



#22
Diisopropyl ether
Concen: 220.60 ug/l
RT: 3.788 min Scan# 443
Delta R.T. -0.030 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt	Ion: 45	Resp: 2544141	
Ion	Ratio	Lower	Upper
45	100		
43	4.6	58.0	87.0#
87	0.4	25.4	38.0#
59	201.2	10.2	15.2#

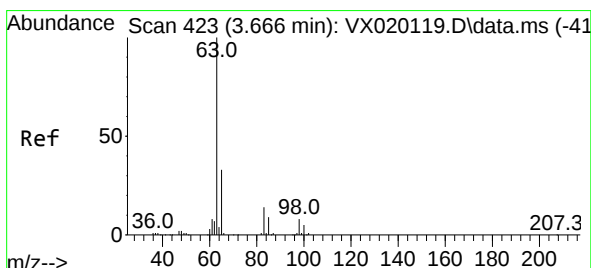
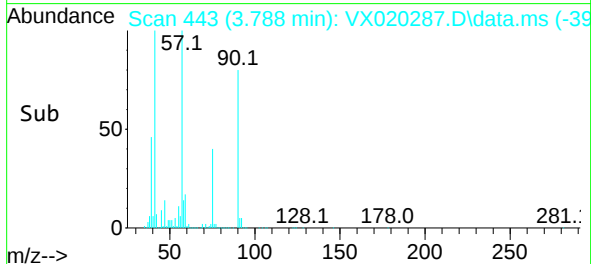
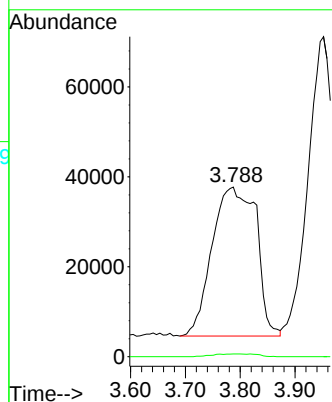
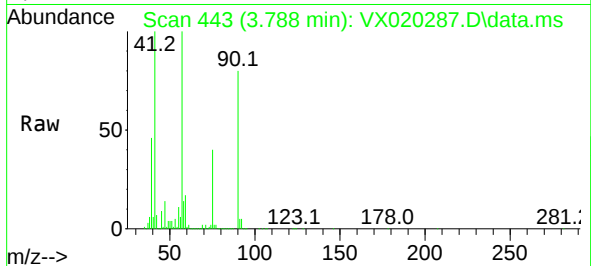




#23
 Vinyl Acetate
 Concen: 18.90 ug/l
 RT: 3.788 min Scan# 443
 Delta R.T. 0.012 min
 Lab File: VX020287.D
 Acq: 22 Dec 2020 06:27

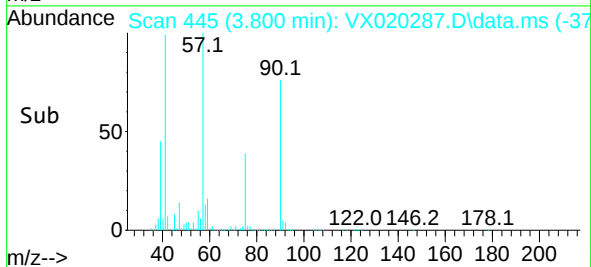
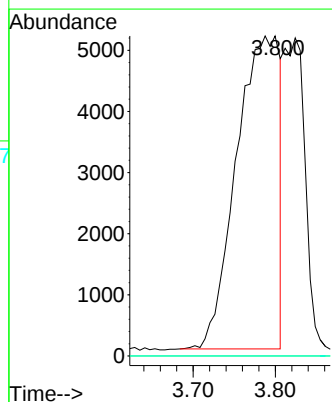
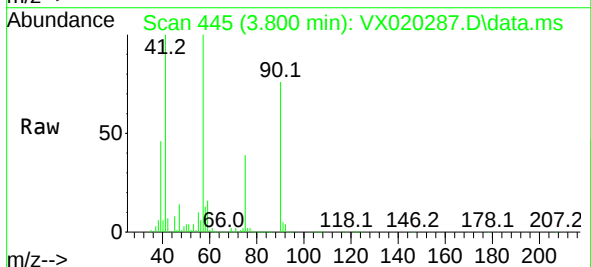
Instrument :
 MSVOA_X
 ClientSampled :

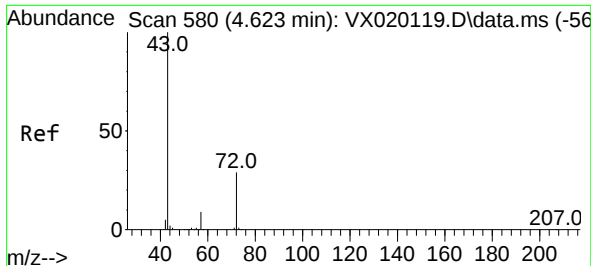
Tgt Ion: 43 Resp: 185816
 Ion Ratio Lower Upper
 43 100
 86 1.9 9.9 14.9#



#24
 1,1-Dichloroethane
 Concen: 2.75 ug/l
 RT: 3.800 min Scan# 445
 Delta R.T. 0.134 min
 Lab File: VX020287.D
 Acq: 22 Dec 2020 06:27

Tgt Ion: 63 Resp: 18707
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.5 7.5#

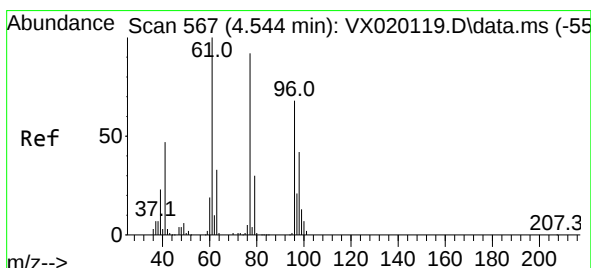
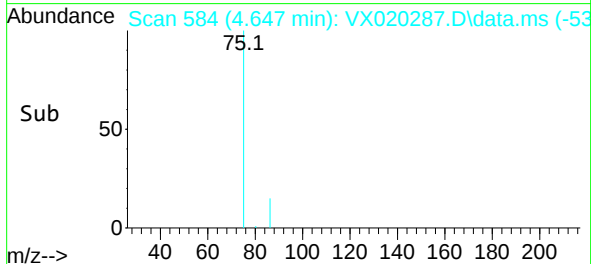
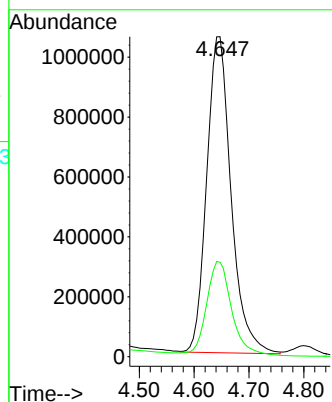
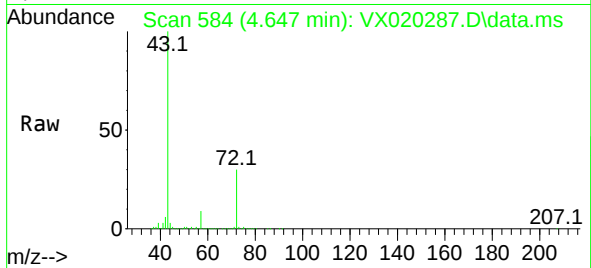




#25
2-Butanone
Concen: 1176.46 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

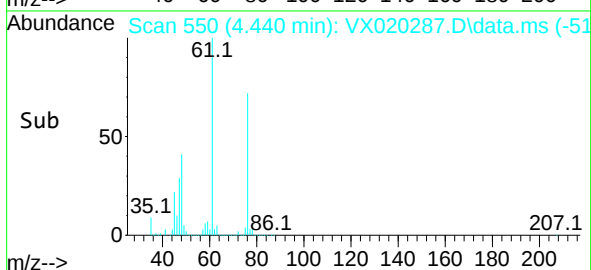
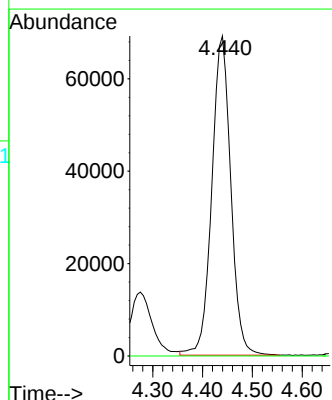
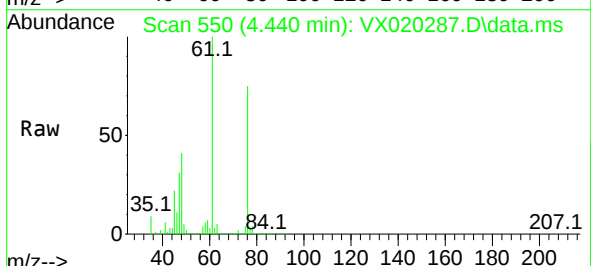
Instrument :
MSVOA_X
ClientSampleId :

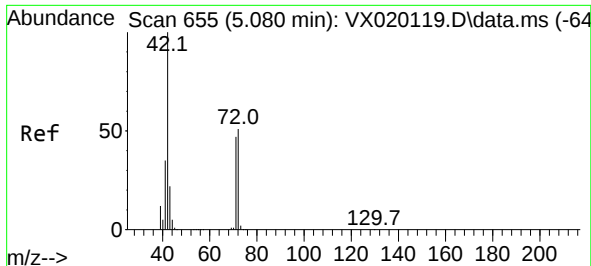
Tgt Ion: 43 Resp: 3262030
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 32.54 ug/l
RT: 4.440 min Scan# 550
Delta R.T. -0.104 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 77 Resp: 182407
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 76.53 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.018 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion: 42 Resp: 133499

Ion Ratio Lower Upper

42 100

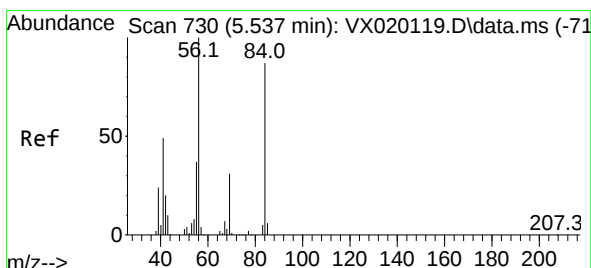
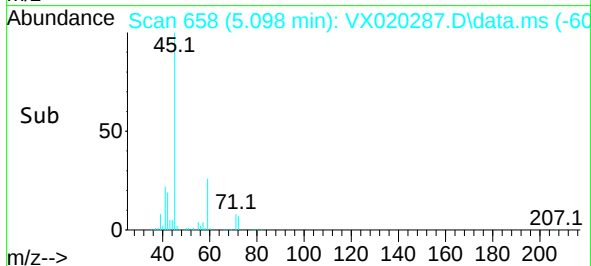
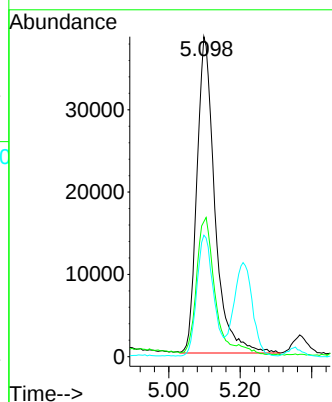
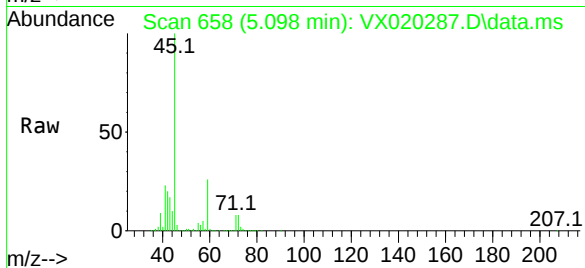
72 41.4 41.7 62.5#

71 35.2 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :



#31

Cyclohexane

Concen: 141.88 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

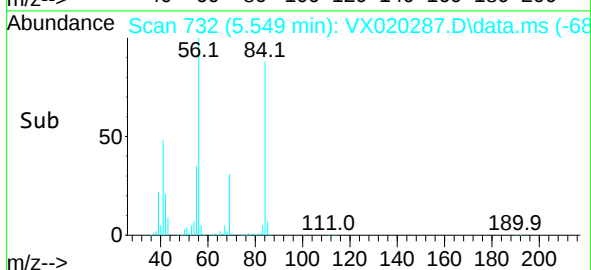
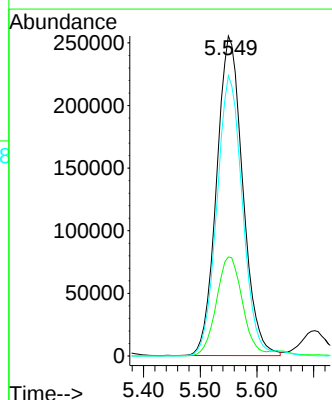
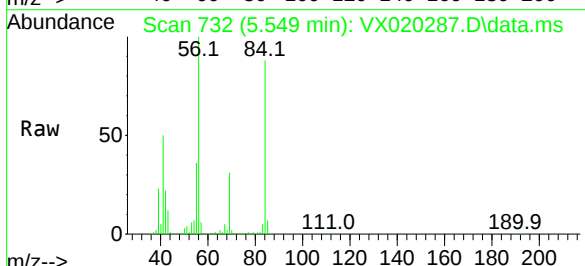
Tgt Ion: 56 Resp: 817354

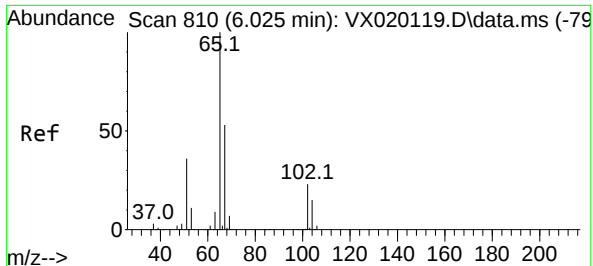
Ion Ratio Lower Upper

56 100

69 31.0 25.3 37.9

84 87.7 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.10 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.067 min

Lab File: VX020287.D

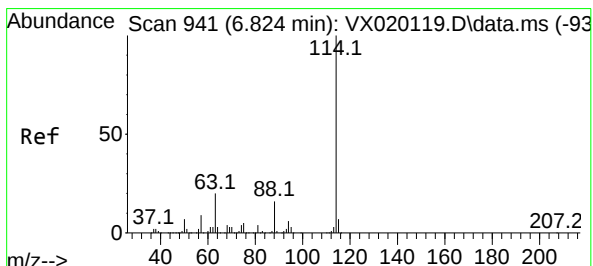
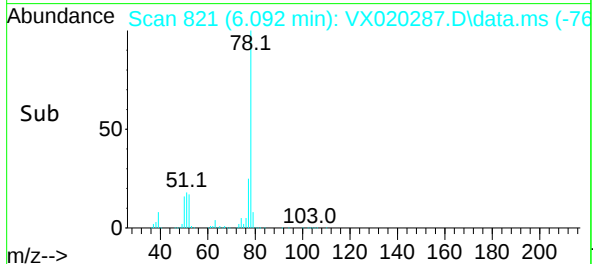
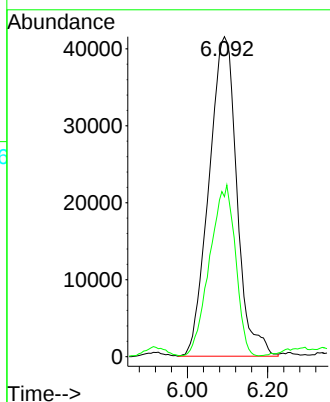
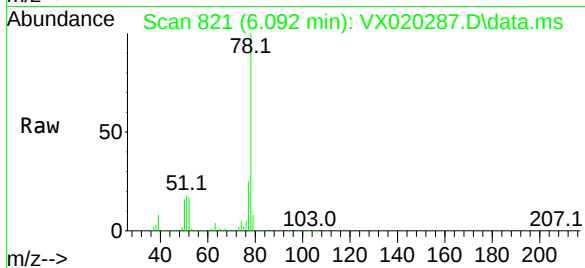
Acq: 22 Dec 2020 06:27

Tgt Ion: 65 Resp: 200952

Ion Ratio Lower Upper

65 100

67 49.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.836 min Scan# 943

Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

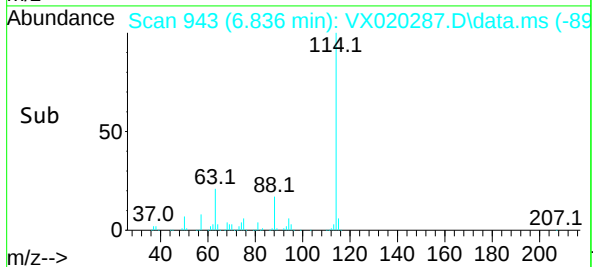
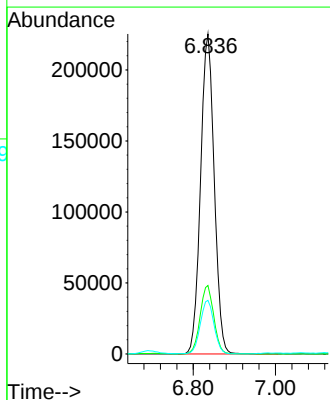
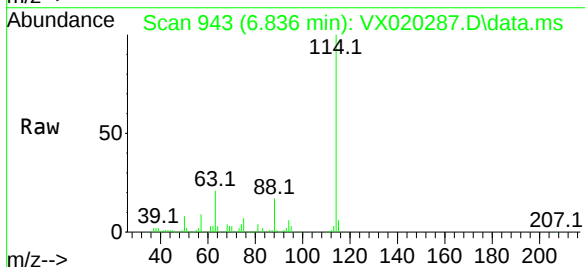
Tgt Ion: 114 Resp: 519060

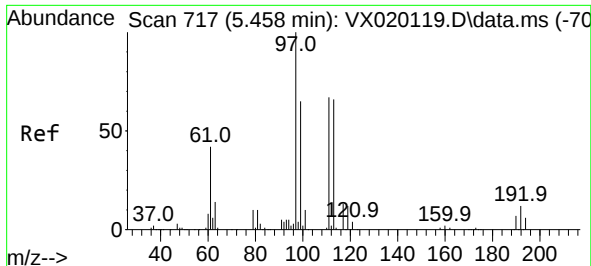
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 16.7 0.0 32.8

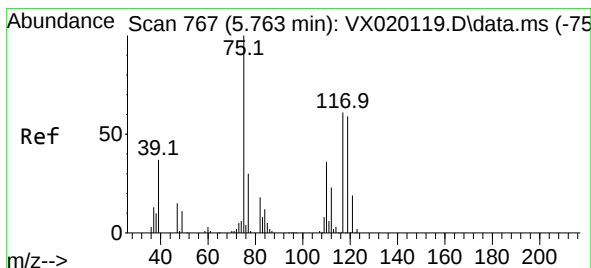
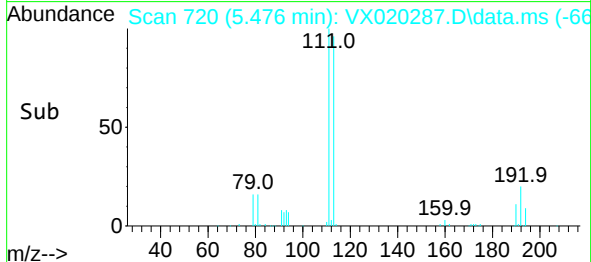
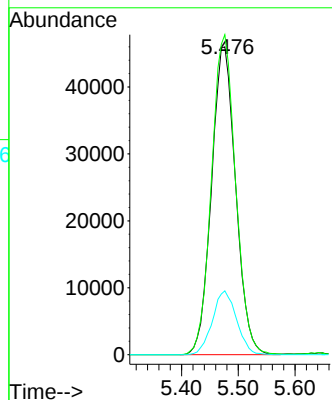
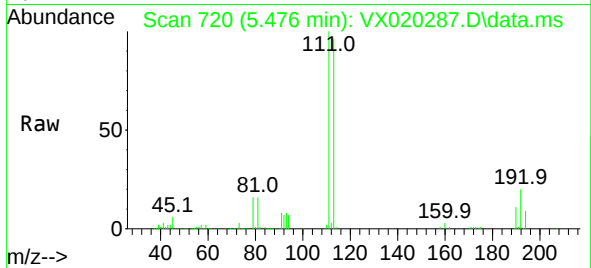




#35
Dibromofluoromethane
Concen: 41.14 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.018 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

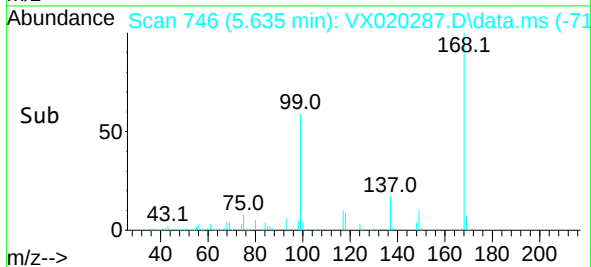
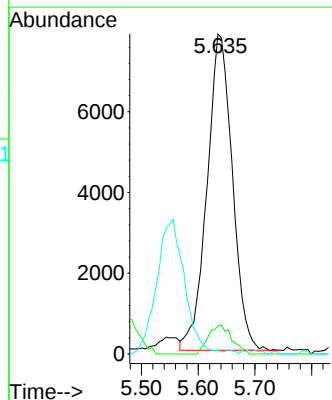
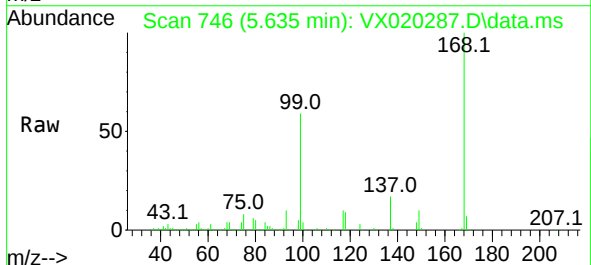
Instrument :
MSVOA_X
ClientSampleId :

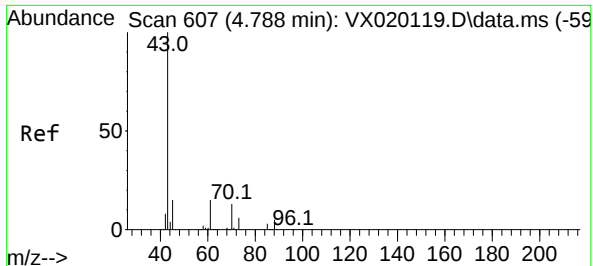
Tgt Ion:113 Resp: 136619
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.128 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 75 Resp: 24401
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 23.11 ug/l

RT: 4.800 min Scan# 609

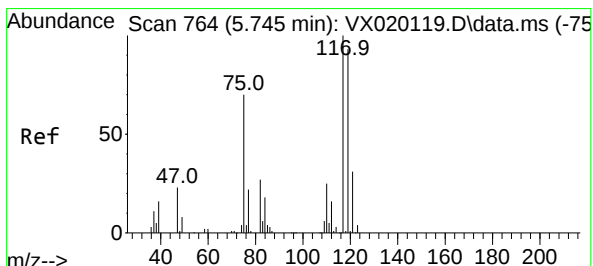
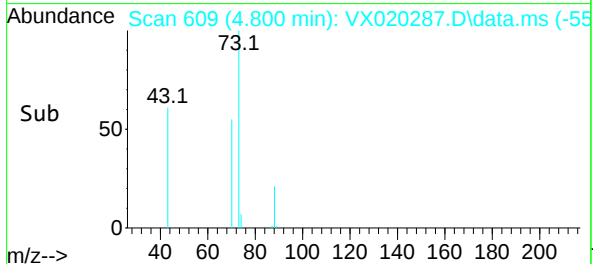
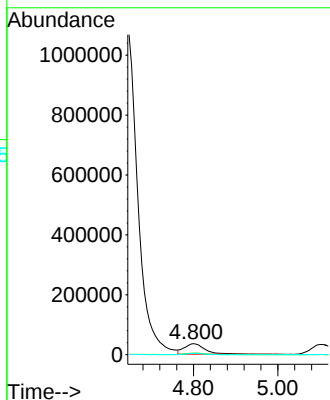
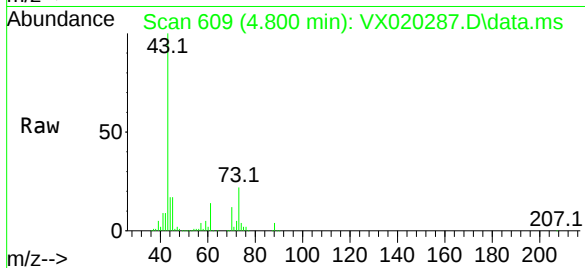
Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion: 43 Resp: 123207

Ion	Ratio	Lower	Upper
43	100		
61	12.9	12.8	19.2
70	11.3	10.5	15.7



#38

Carbon Tetrachloride

Concen: 6.37 ug/l

RT: 5.641 min Scan# 747

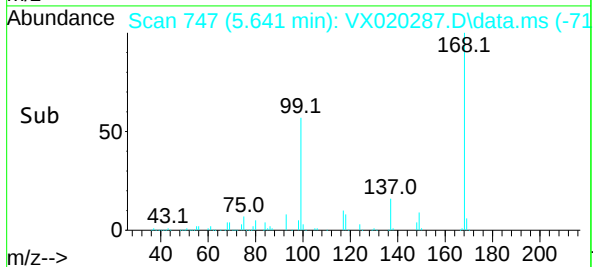
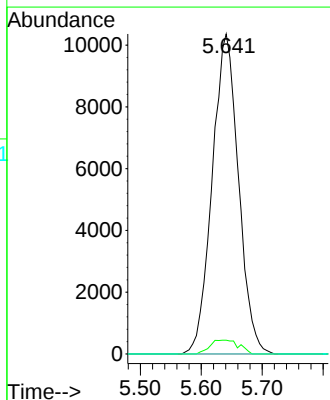
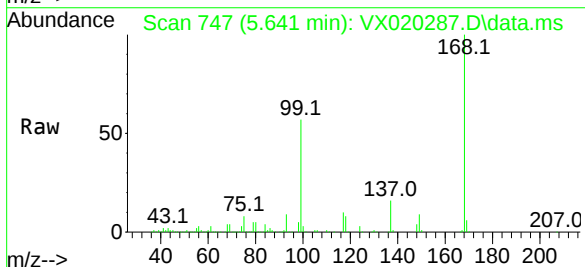
Delta R.T. -0.104 min

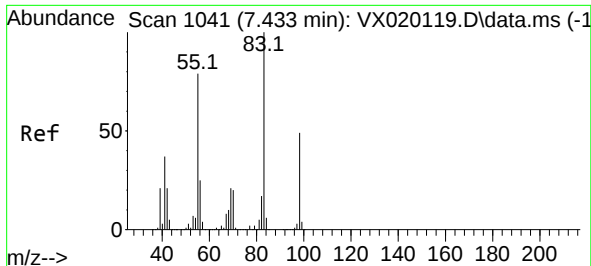
Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion: 117 Resp: 31093

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 132.16 ug/l

RT: 7.445 min Scan# 1043

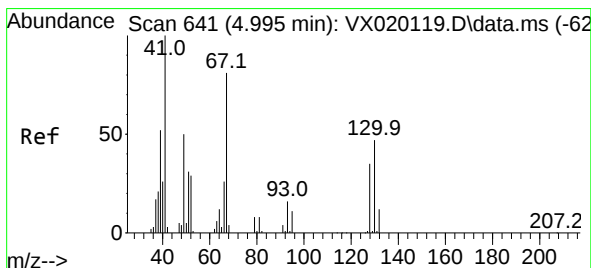
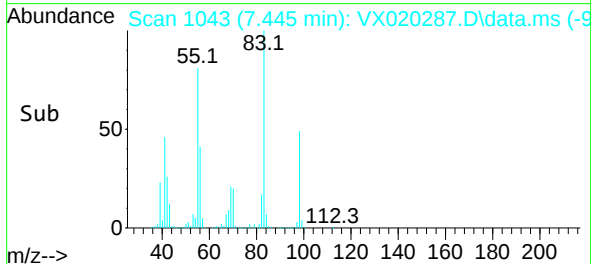
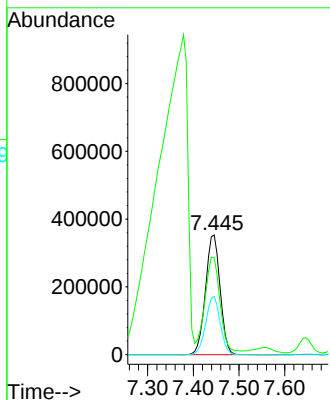
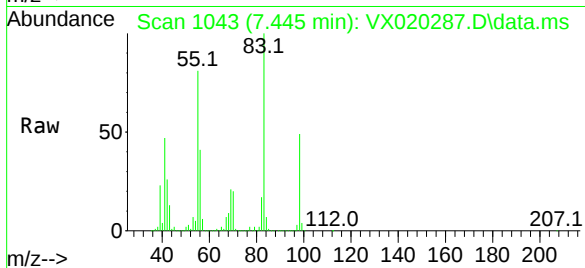
Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion: 83 Resp: 782570

Ion	Ratio	Lower	Upper
83	100		
55	78.5	58.9	88.3
98	48.6	38.1	57.1



#41

Methacrylonitrile

Concen: 66.51 ug/l

RT: 5.104 min Scan# 659

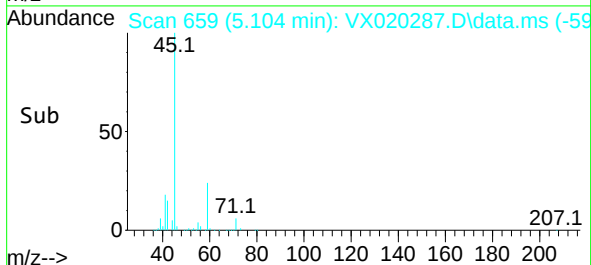
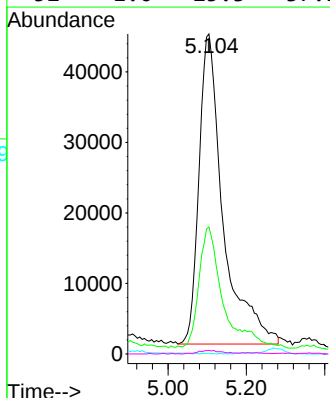
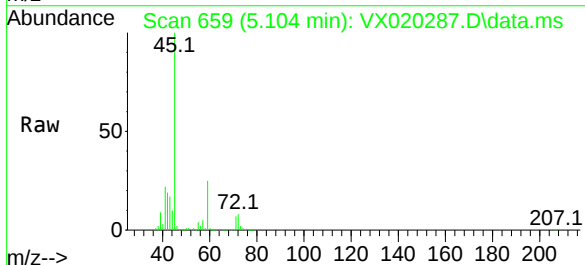
Delta R.T. 0.109 min

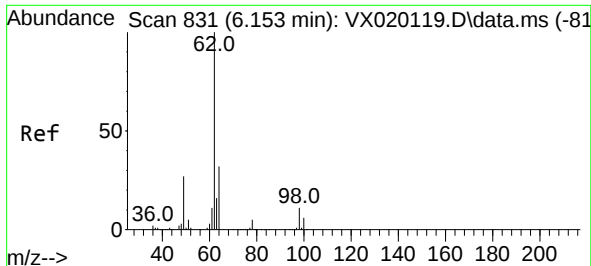
Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion: 41 Resp: 188921

Ion	Ratio	Lower	Upper
41	100		
39	37.9	42.5	63.7#
67	0.1	65.0	97.6#
52	1.0	25.3	37.9#

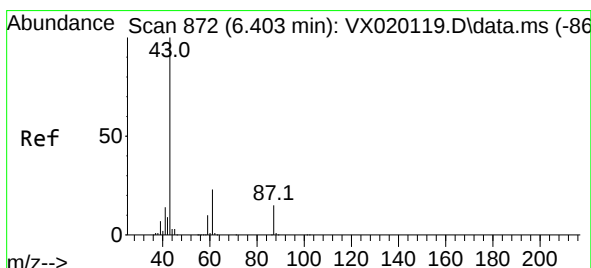
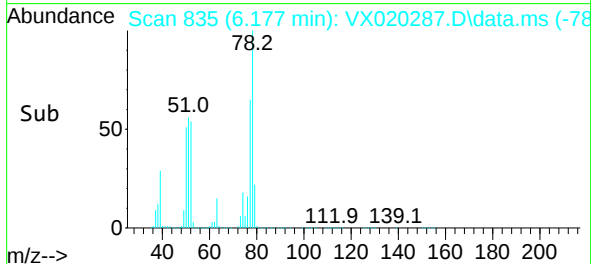
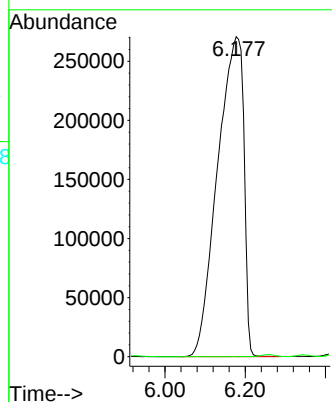
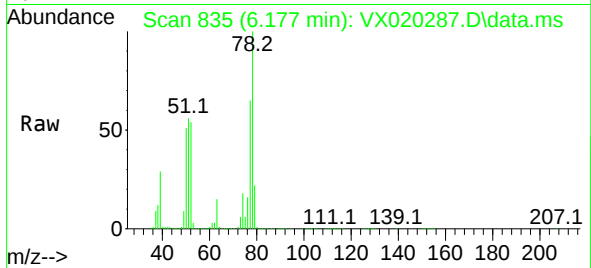




#42
1,2-Dichloroethane
Concen: 224.68 ug/l
RT: 6.177 min Scan# 835
Delta R.T. 0.024 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

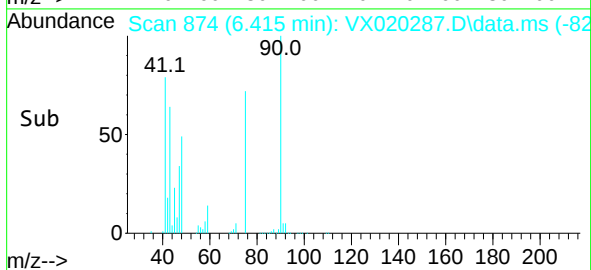
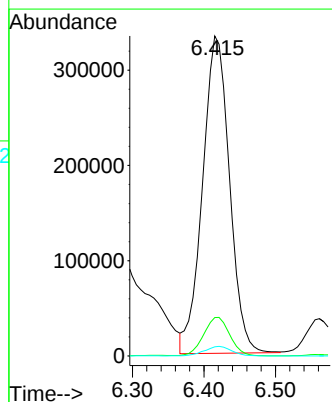
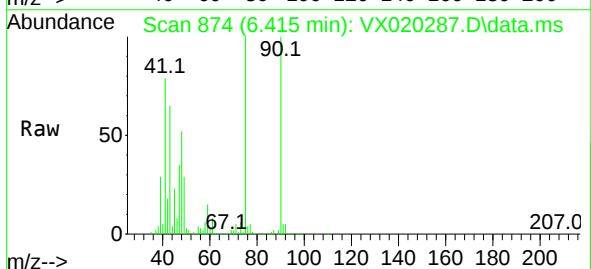
Instrument :
MSVOA_X
ClientSampled :

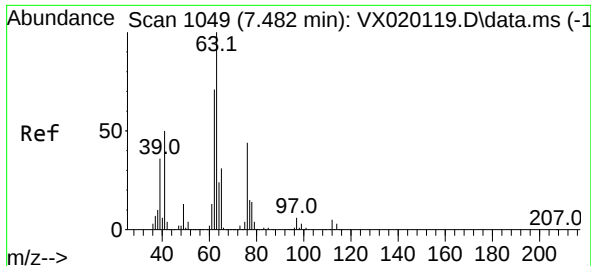
Tgt Ion: 62 Resp: 1230731
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2



#43
Isopropyl Acetate
Concen: 103.63 ug/l
RT: 6.415 min Scan# 874
Delta R.T. 0.012 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 43 Resp: 872218
Ion Ratio Lower Upper
43 100
61 11.8 18.2 27.4#
87 3.1 12.5 18.7#

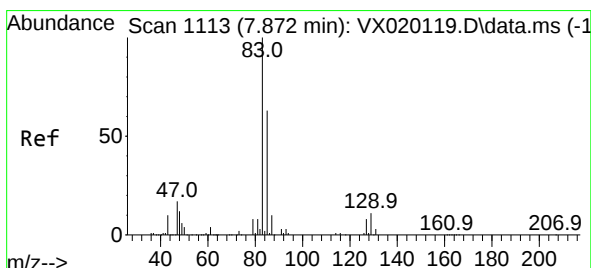
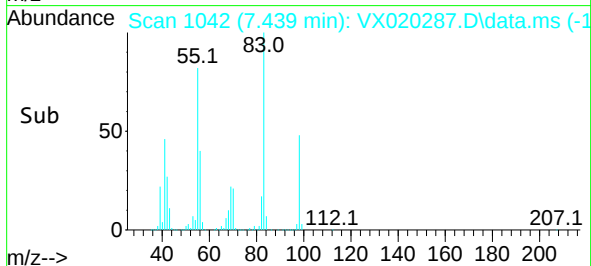
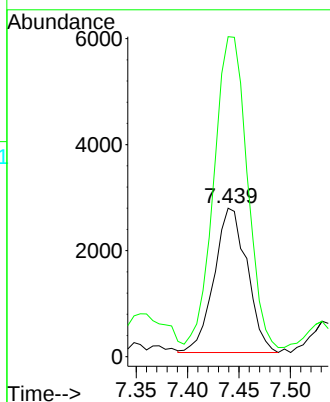
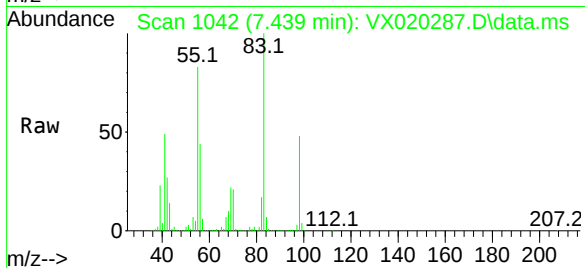




#45
1,2-Dichloropropane
Concen: 1.50 ug/l
RT: 7.439 min Scan# 1042
Delta R.T. -0.043 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

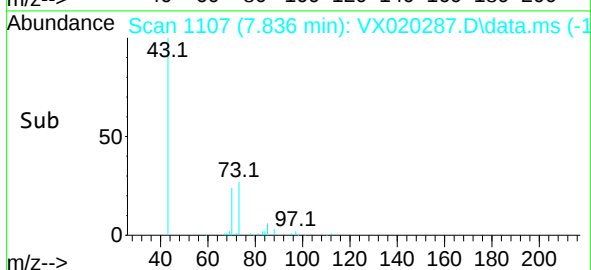
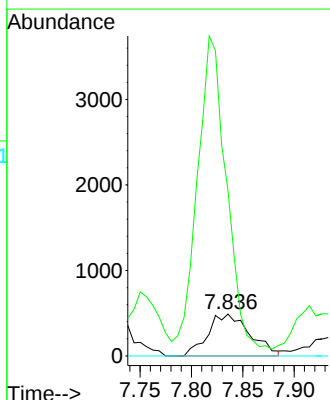
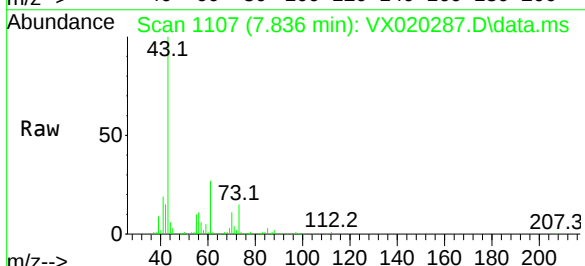
Instrument :
MSVOA_X
ClientSampled :

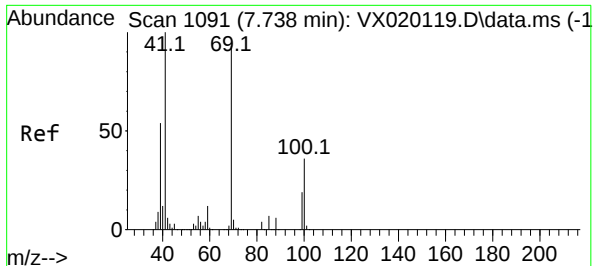
Tgt Ion: 63 Resp: 6071
Ion Ratio Lower Upper
63 100
65 215.6 25.7 38.5#



#47
Bromodichloromethane
Concen: 0.26 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. -0.036 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 83 Resp: 1390
Ion Ratio Lower Upper
83 100
85 371.2 51.4 77.0#
127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 61.58 ug/l

RT: 7.750 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

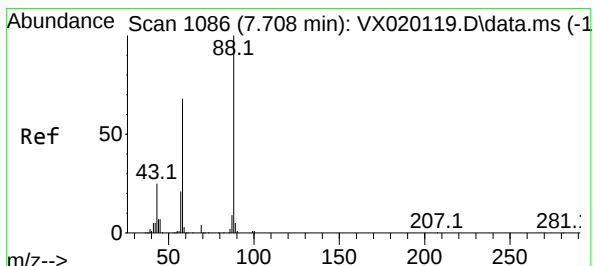
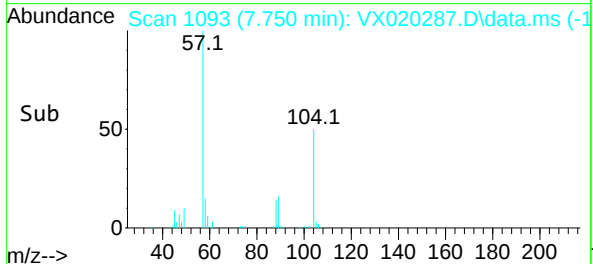
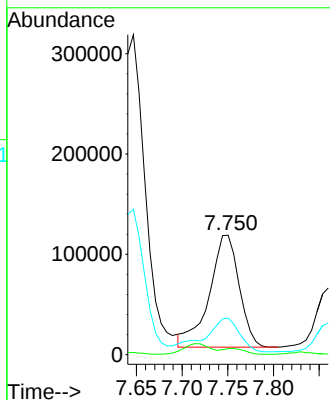
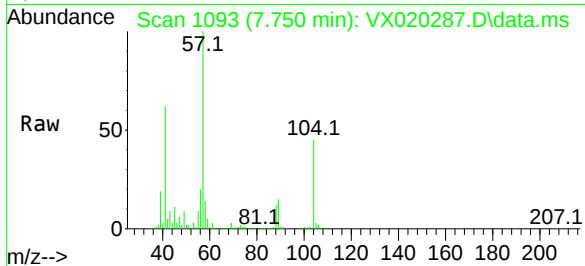
Tgt Ion: 41 Resp: 253979

Ion Ratio Lower Upper

41 100

69 3.2 76.0 114.0#

39 34.9 44.6 67.0#



#49

1,4-Dioxane

Concen: 1536.40 ug/l

RT: 7.732 min Scan# 1090

Delta R.T. 0.024 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

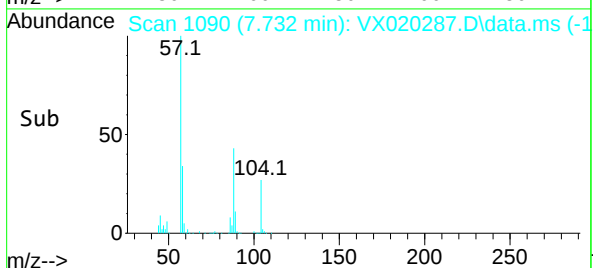
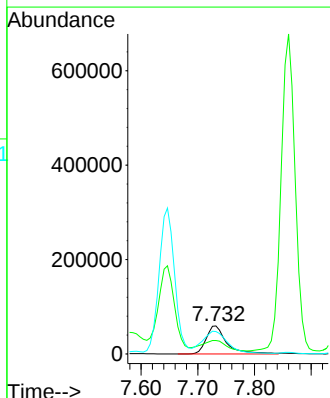
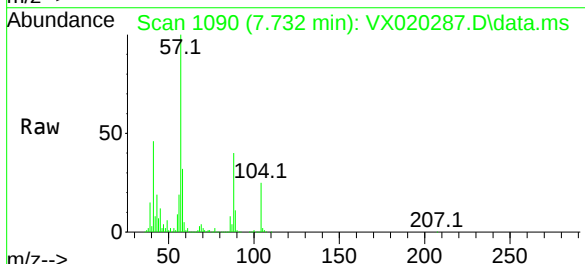
Tgt Ion: 88 Resp: 148329

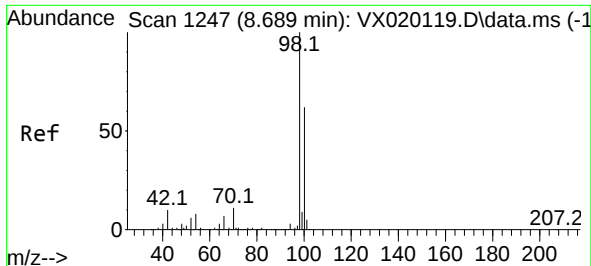
Ion Ratio Lower Upper

88 100

43 42.5 23.2 34.8#

58 95.4 55.0 82.4#

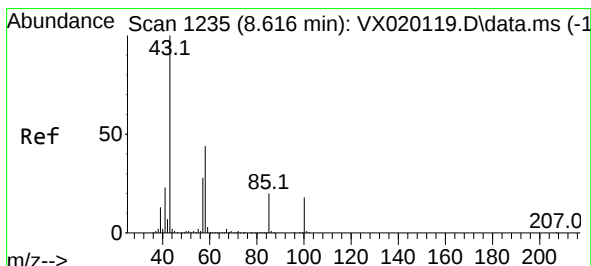
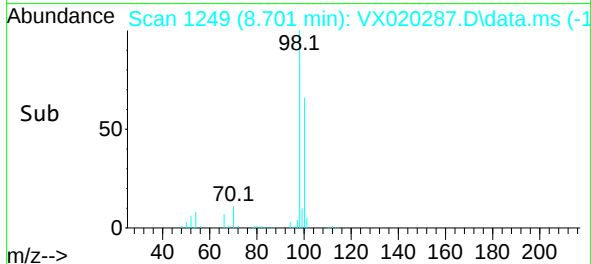
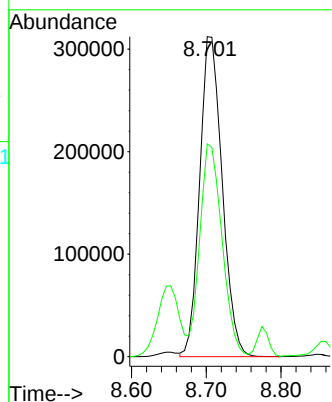
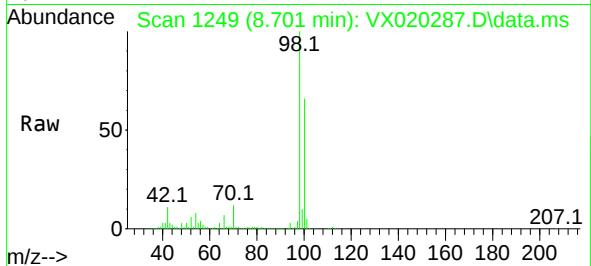




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. 0.012 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

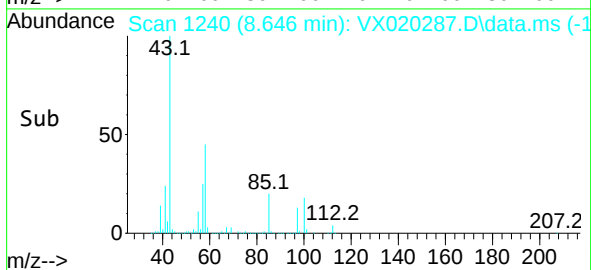
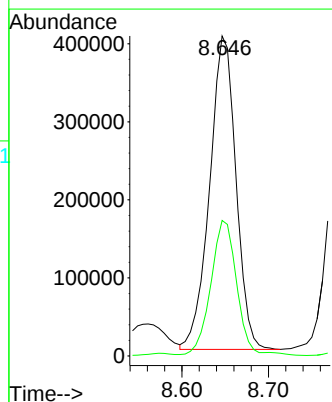
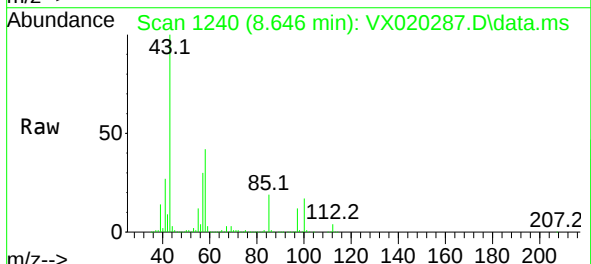
Instrument :
MSVOA_X
ClientSampled :

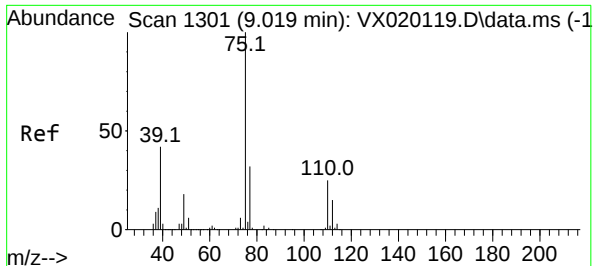
Tgt Ion: 98 Resp: 651807
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 162.91 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.030 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 43 Resp: 848826
Ion Ratio Lower Upper
43 100
58 42.5 35.4 53.0

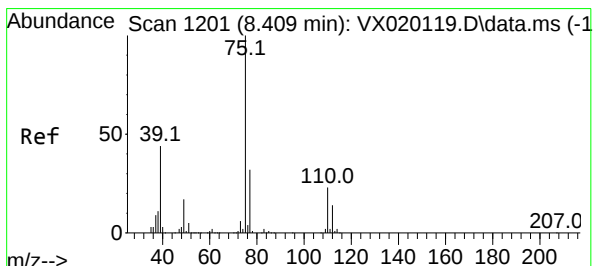
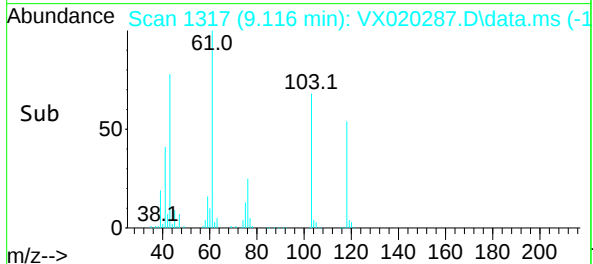
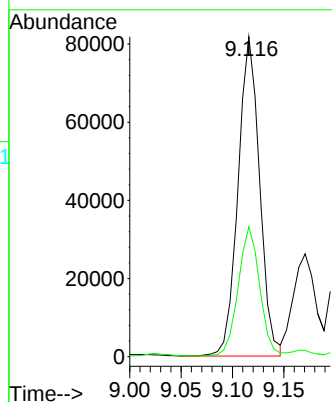
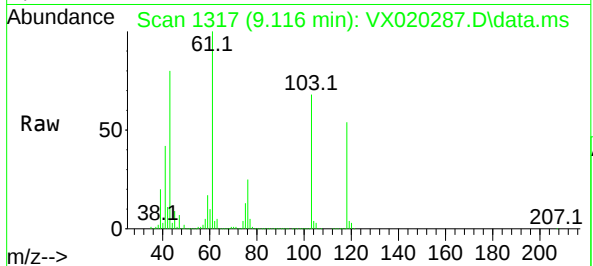




#53
t-1,3-Dichloropropene
Concen: 20.60 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.097 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

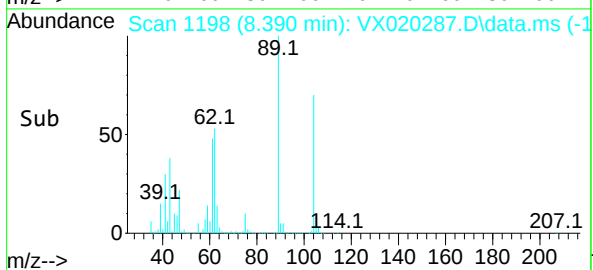
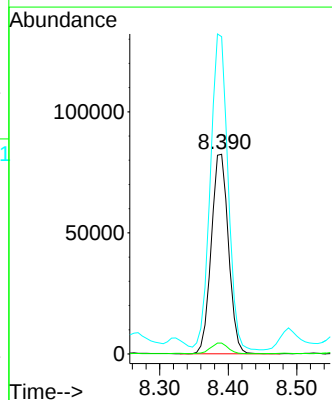
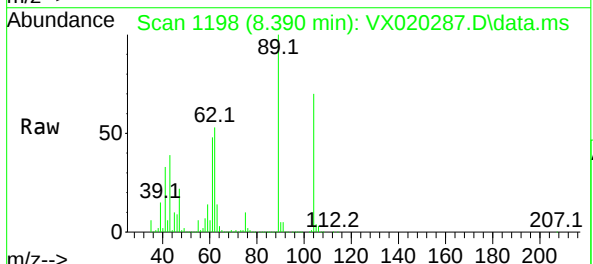
Instrument :
MSVOA_X
ClientSampled :

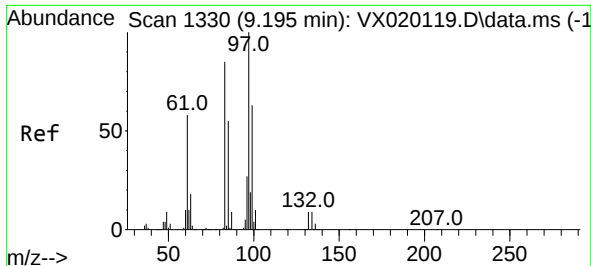
Tgt Ion: 75 Resp: 119259
Ion Ratio Lower Upper
75 100
77 40.4 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 22.62 ug/l
RT: 8.390 min Scan# 1198
Delta R.T. -0.019 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 75 Resp: 143804
Ion Ratio Lower Upper
75 100
77 5.1 25.7 38.5#
39 152.2 35.1 52.7#

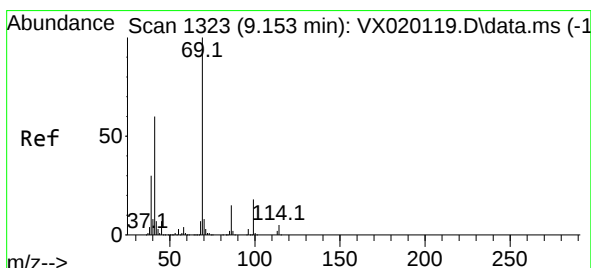
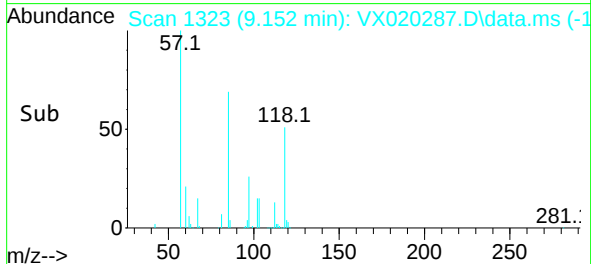
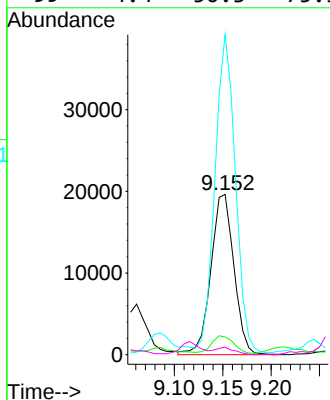
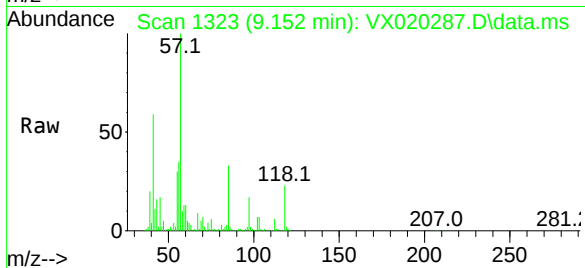




#55
1,1,2-Trichloroethane
Concen: 8.09 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.043 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

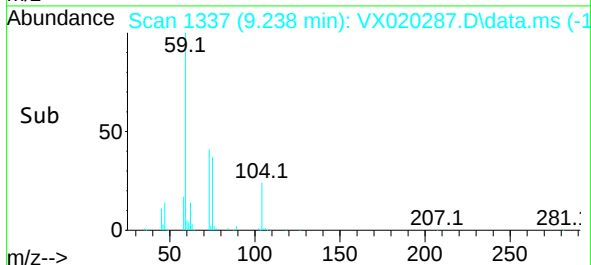
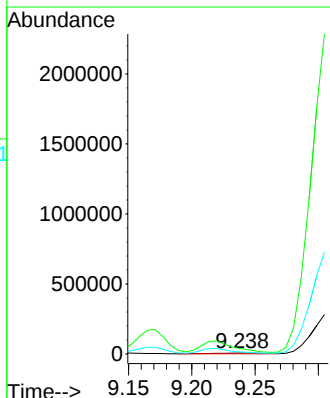
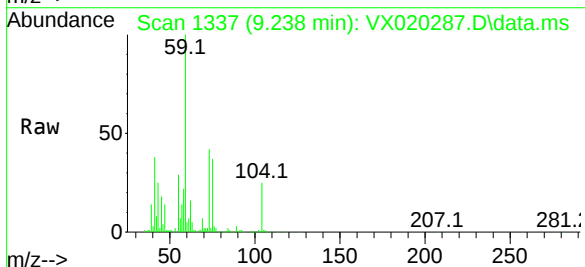
Instrument :
MSVOA_X
ClientSampleId :

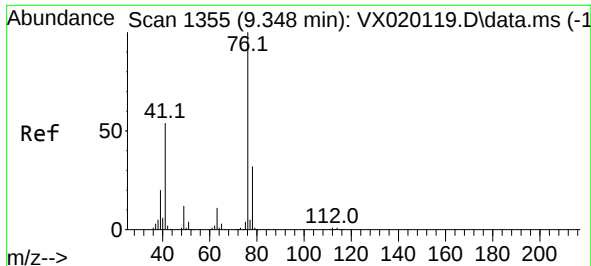
Tgt Ion:	97	Resp:	32529
Ion	Ratio	Lower	Upper
97	100		
83	9.3	69.3	103.9#
85	197.6	44.3	66.5#
99	4.4	50.3	75.5#



#56
Ethyl methacrylate
Concen: 2.46 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.085 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion:	69	Resp:	14466
Ion	Ratio	Lower	Upper
69	100		
41	969.5	46.8	70.2#
39	398.9	24.7	37.1#





#57

1,3-Dichloropropane

Concen: 5.09 ug/l

RT: 9.219 min Scan# 1334

Delta R.T. -0.129 min

Lab File: VX020287.D

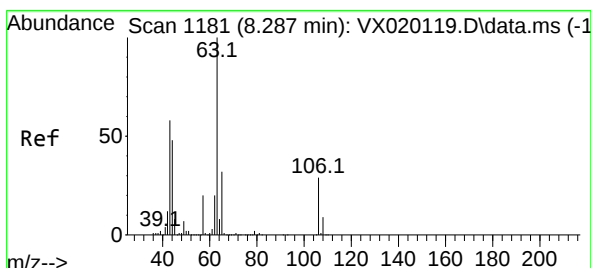
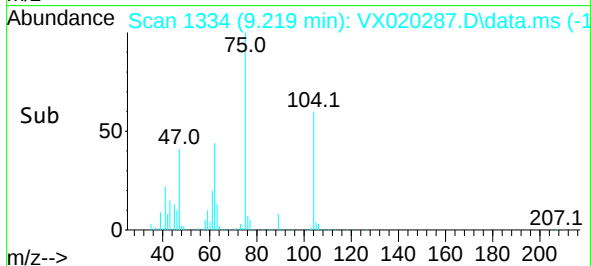
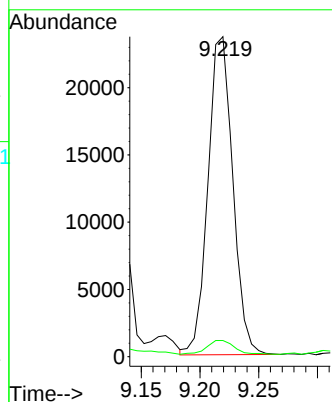
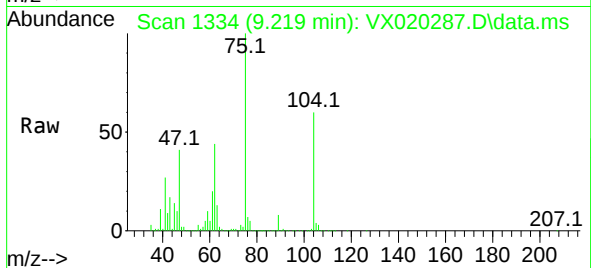
Acq: 22 Dec 2020 06:27

Tgt Ion: 76 Resp: 34816

Ion Ratio Lower Upper

76 100

78 5.1 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 65.86 ug/l

RT: 8.390 min Scan# 1198

Delta R.T. 0.103 min

Lab File: VX020287.D

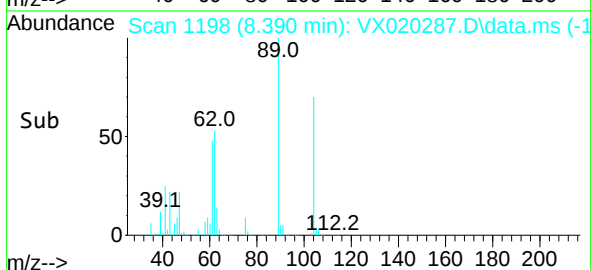
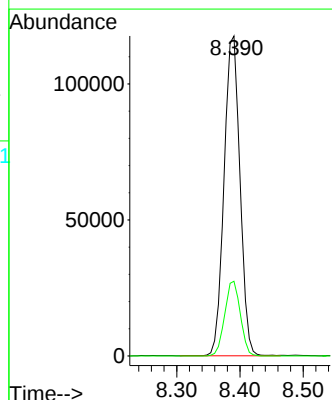
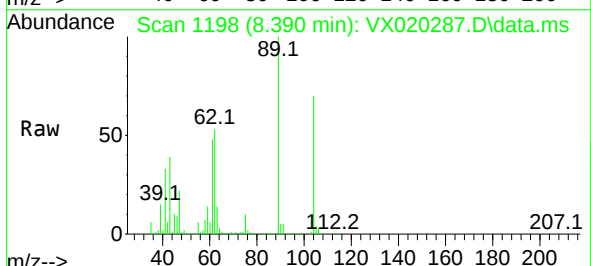
Acq: 22 Dec 2020 06:27

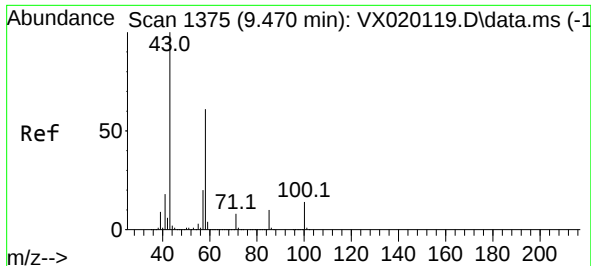
Tgt Ion: 63 Resp: 204914

Ion Ratio Lower Upper

63 100

106 22.9 23.5 35.3#

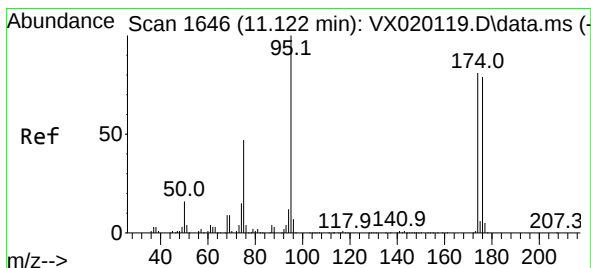
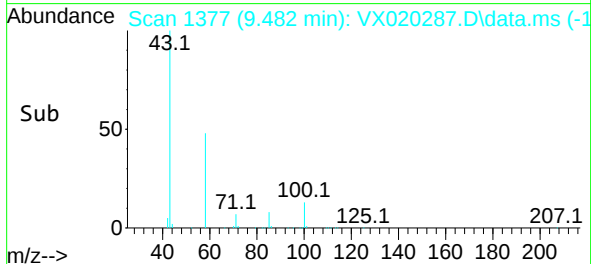
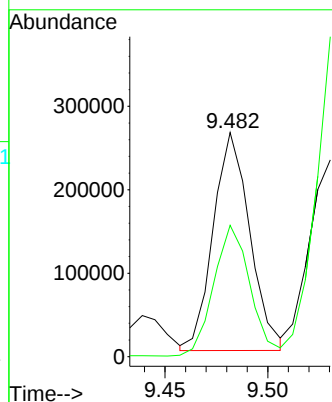
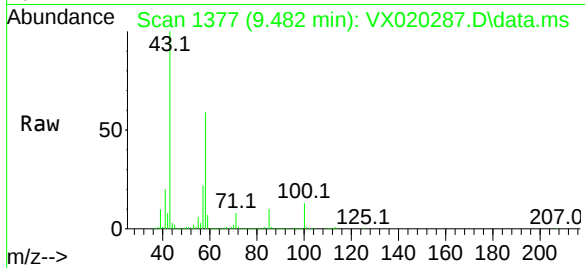




#59
2-Hexanone
Concen: 81.57 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

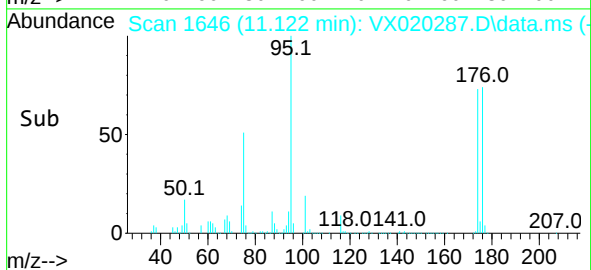
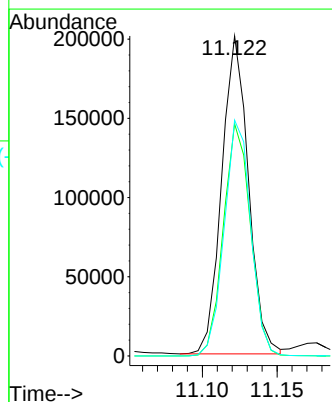
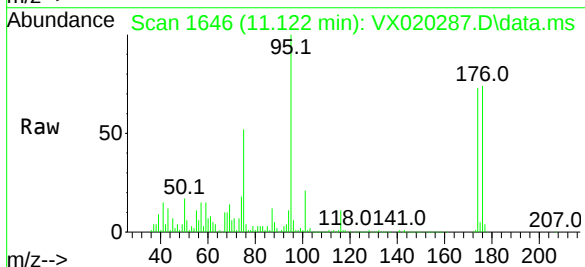
Instrument :
MSVOA_X
ClientSampleId :

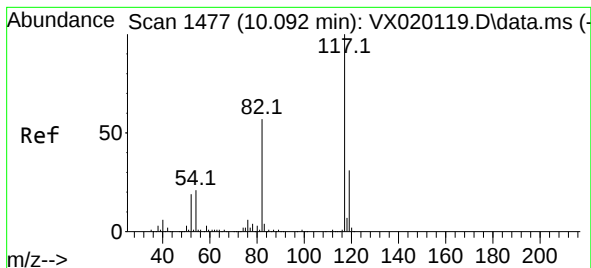
Tgt Ion: 43 Resp: 323894
Ion Ratio Lower Upper
43 100
58 59.5 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 95 Resp: 248422
Ion Ratio Lower Upper
95 100
174 74.1 0.0 154.6
176 73.9 0.0 155.8

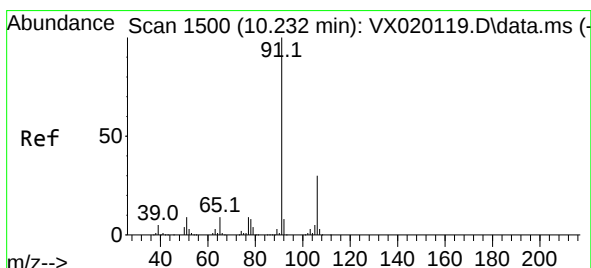
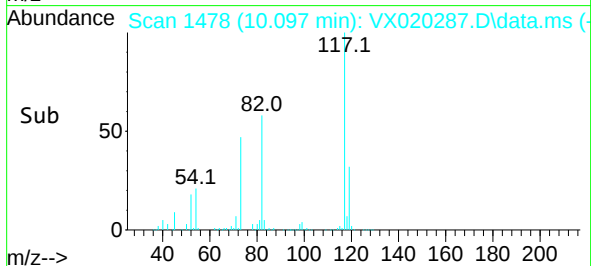
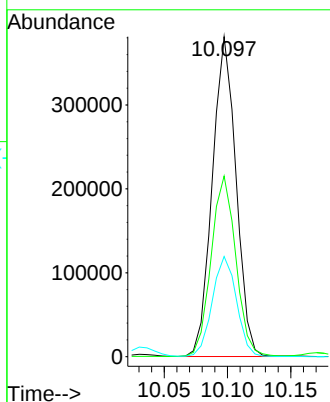
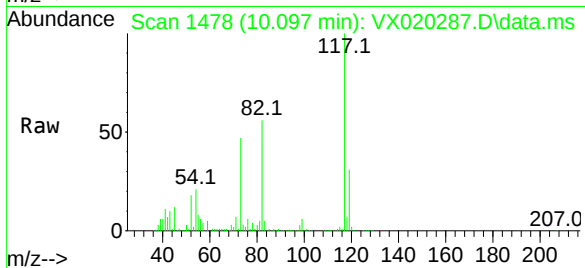




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

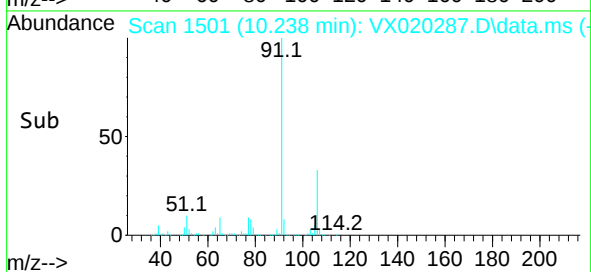
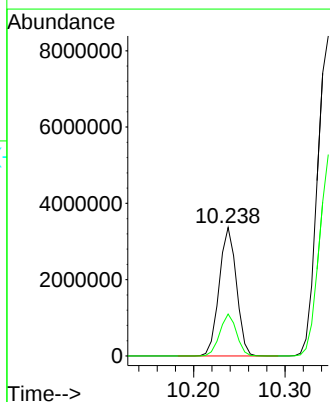
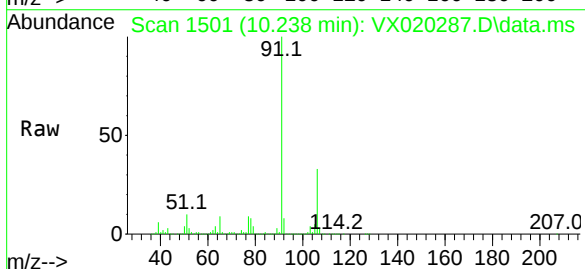
Instrument :
MSVOA_X
ClientSampleId :

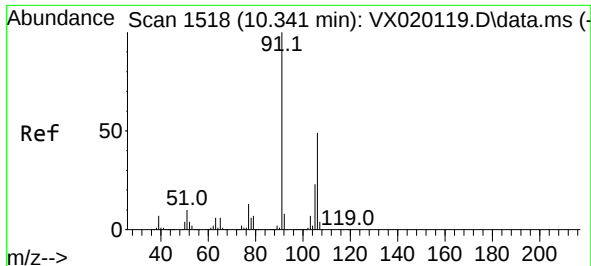
Tgt Ion:117 Resp: 496460
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.3 26.6 39.8



#67
Ethyl Benzene
Concen: 237.94 ug/l
RT: 10.238 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 91 Resp: 4430299
Ion Ratio Lower Upper
91 100
106 32.7 24.6 37.0

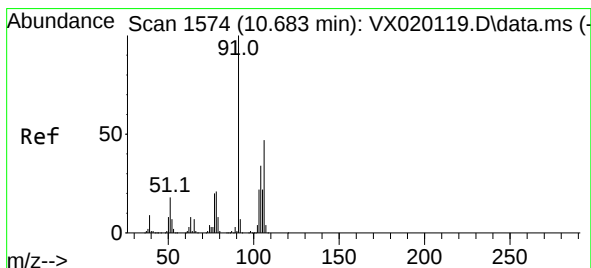
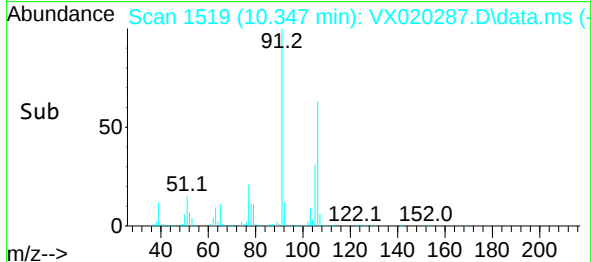
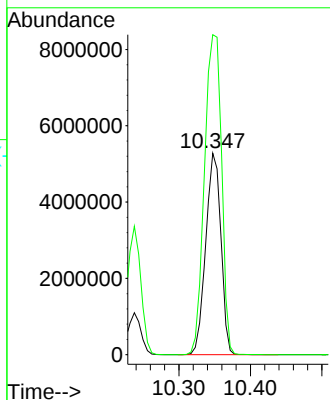
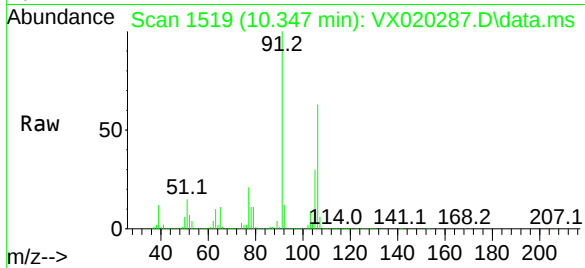




#68
m/p-Xylenes
Concen: 1119.22 ug/l
RT: 10.347 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

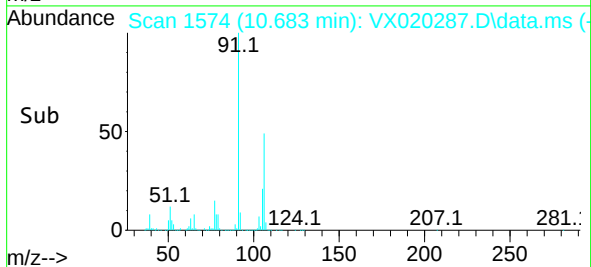
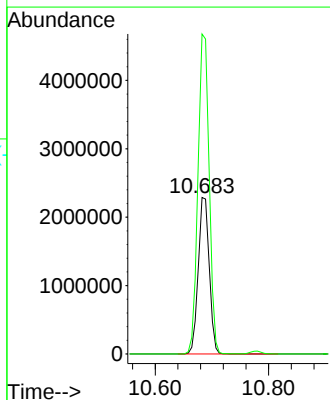
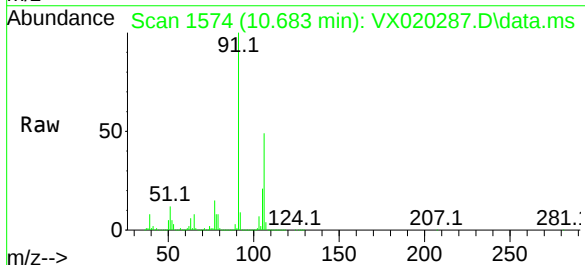
Instrument :
MSVOA_X
ClientSampled :

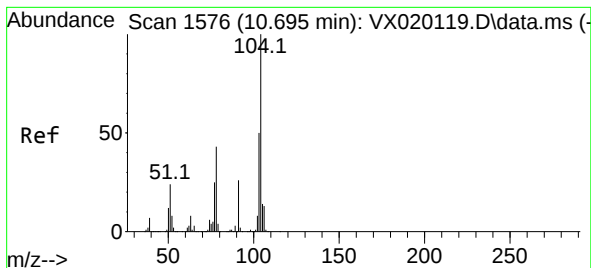
Tgt Ion:106 Resp: 7779670
Ion Ratio Lower Upper
106 100
91 179.1 162.8 244.2



#69
o-Xylene
Concen: 459.92 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion:106 Resp: 3076819
Ion Ratio Lower Upper
106 100
91 208.6 108.1 324.2





#70

Styrene

Concen: 13.60 ug/l

RT: 10.683 min Scan# 1574

Delta R.T. -0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

Tgt Ion:104 Resp: 153855

Ion Ratio Lower Upper

104 100

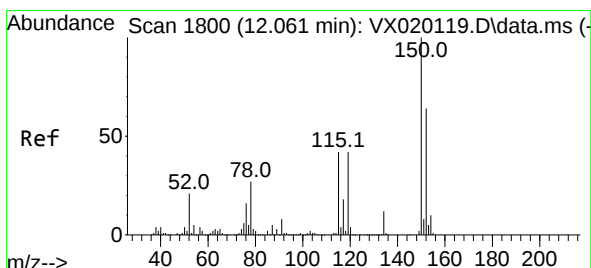
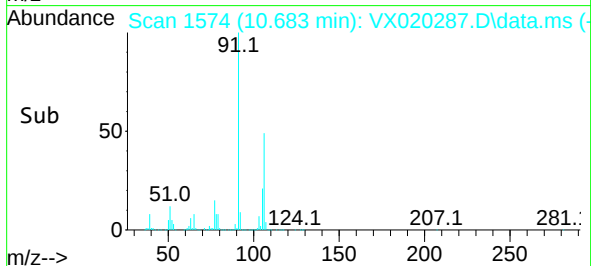
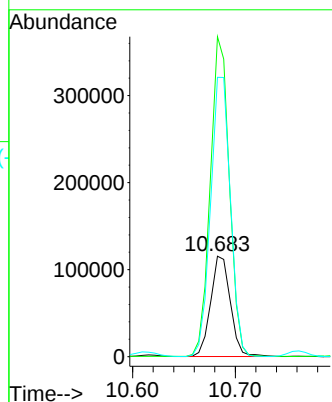
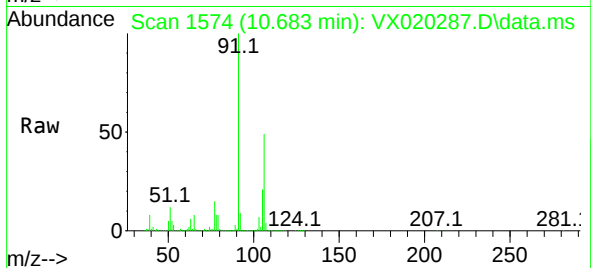
78 307.2 40.0 60.0#

103 279.6 43.4 65.0#

Instrument :

MSVOA_X

ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.073 min Scan# 1802

Delta R.T. 0.012 min

Lab File: VX020287.D

Acq: 22 Dec 2020 06:27

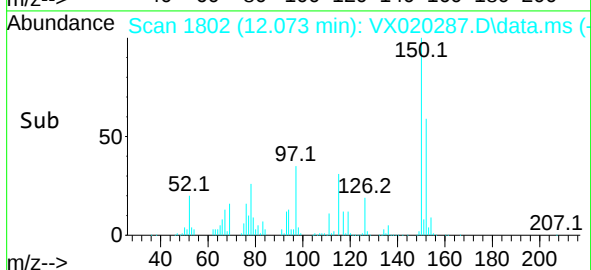
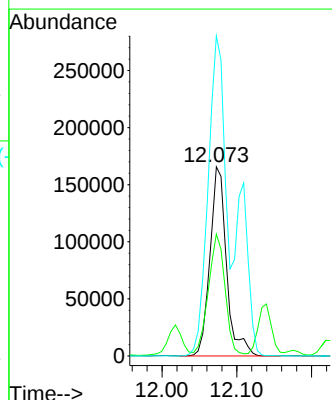
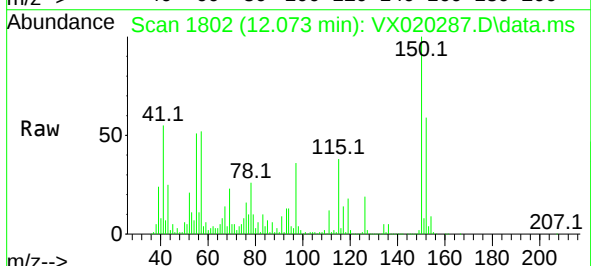
Tgt Ion:152 Resp: 255475

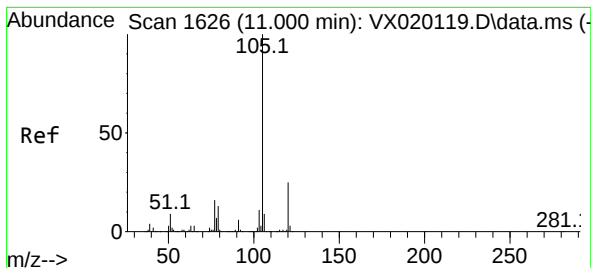
Ion Ratio Lower Upper

152 100

115 62.5 41.1 123.3

150 174.6 0.0 349.0

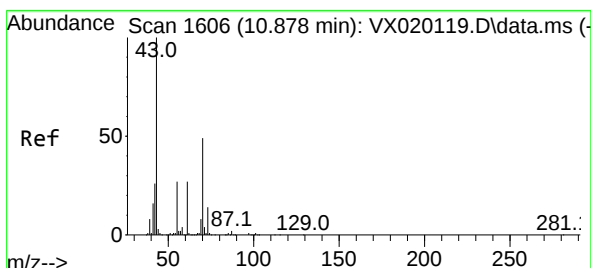
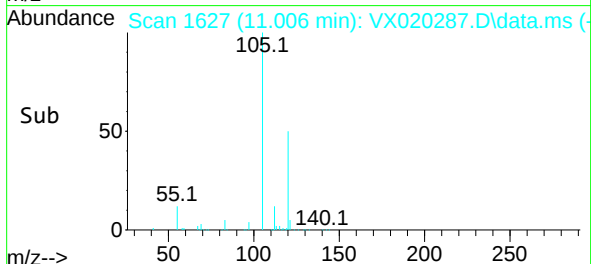
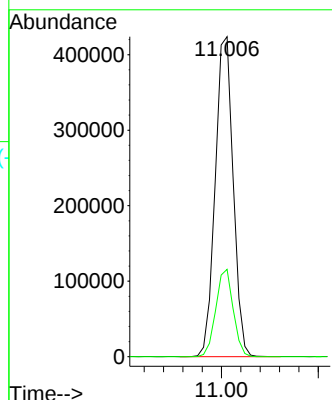
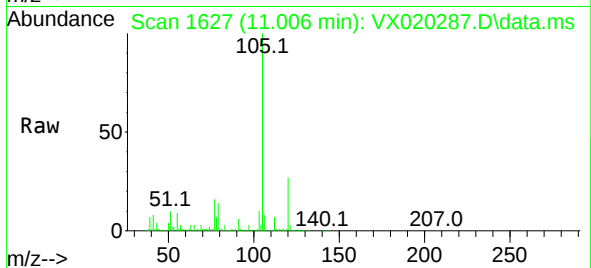




#73
Isopropylbenzene
Concen: 29.59 ug/l
RT: 11.006 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

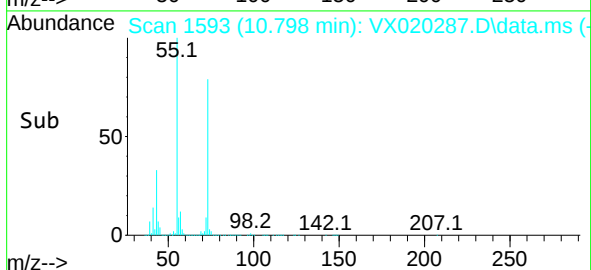
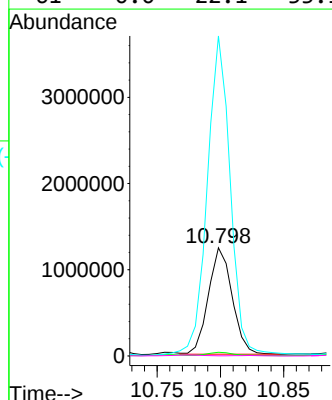
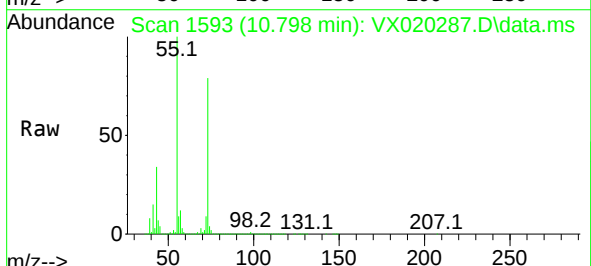
Instrument :
MSVOA_X
ClientSampleId :

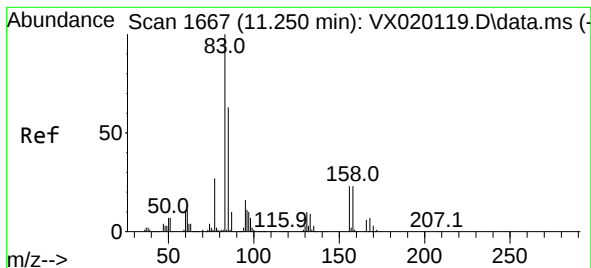
Tgt Ion:105 Resp: 545538
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 217.14 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.080 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 43 Resp: 1613786
Ion Ratio Lower Upper
43 100
70 3.5 39.0 58.6#
55 292.4 21.5 32.3#
61 0.0 22.1 33.1#



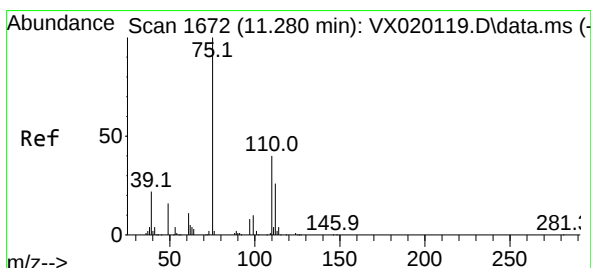
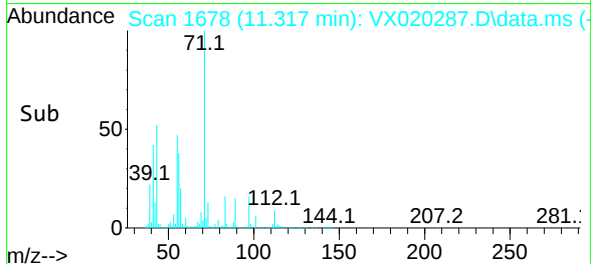
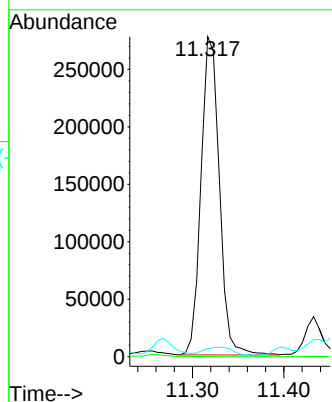
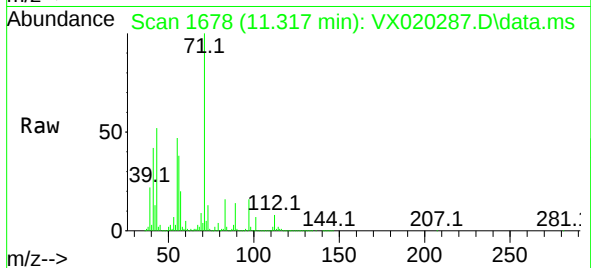


#75

1,1,2,2-Tetrachloroethane
Concen: 57.72 ug/l
RT: 11.317 min Scan# 1678
Delta R.T. 0.067 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Instrument :
MSVOA_X
ClientSampleId :

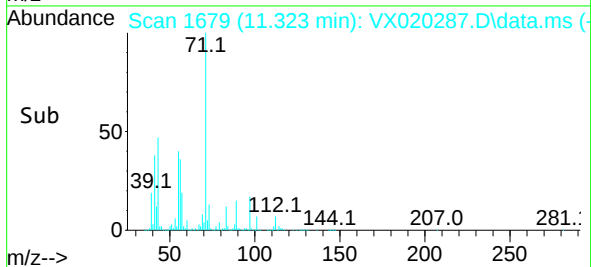
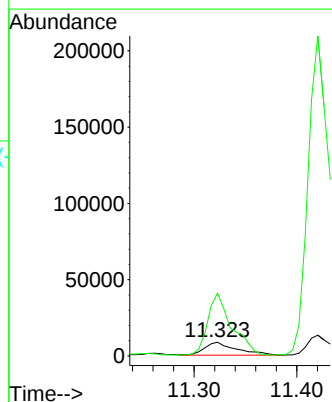
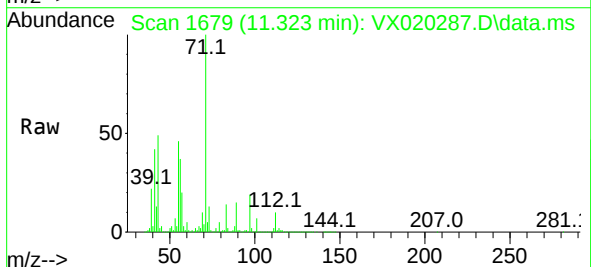
Tgt Ion: 83 Resp: 386498
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 0.0 31.8 95.4#

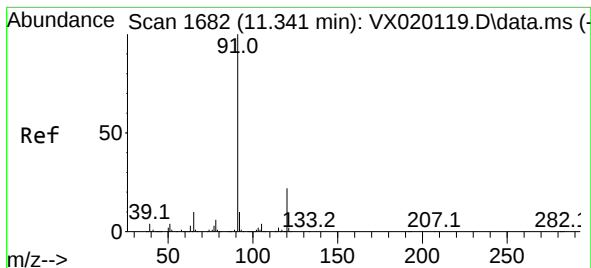


#76

1,2,3-Trichloropropane
Concen: 2.88 ug/l
RT: 11.323 min Scan# 1679
Delta R.T. 0.043 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 75 Resp: 18121
Ion Ratio Lower Upper
75 100
77 362.4 19.1 57.5#





#78

n-propylbenzene

Concen: 19.39 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VX020287.D

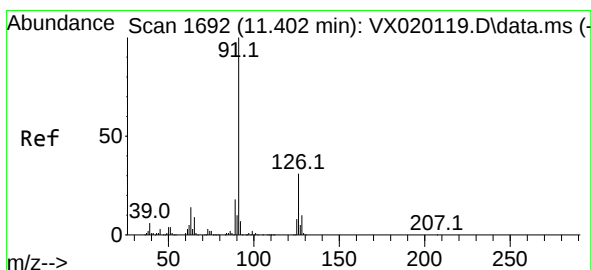
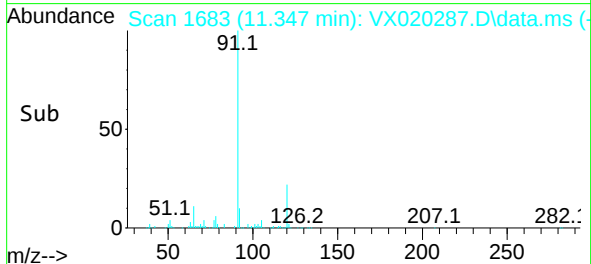
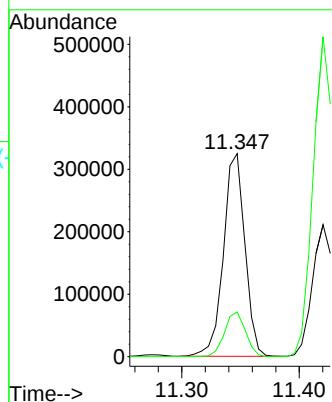
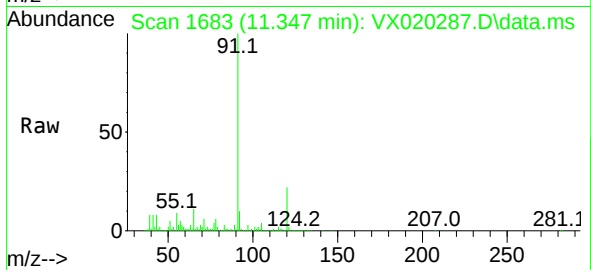
Acq: 22 Dec 2020 06:27

Tgt Ion: 91 Resp: 411931

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.5



#79

2-Chlorotoluene

Concen: 25.82 ug/l

RT: 11.420 min Scan# 1695

Delta R.T. 0.018 min

Lab File: VX020287.D

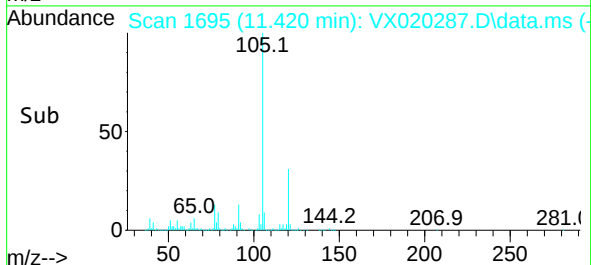
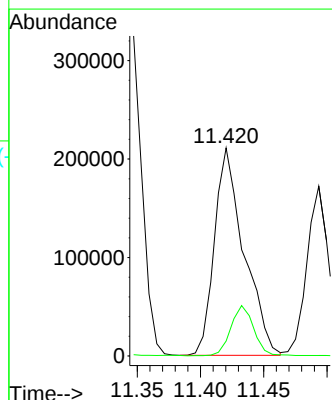
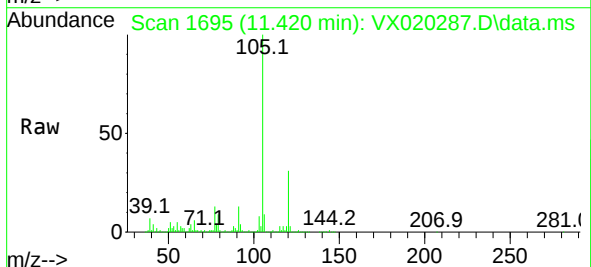
Acq: 22 Dec 2020 06:27

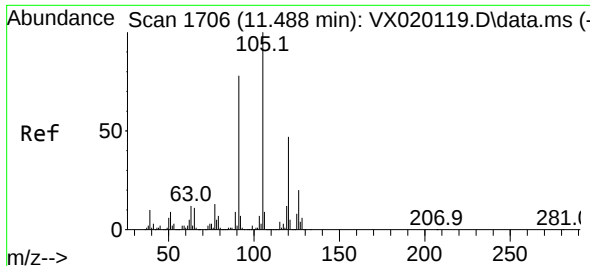
Tgt Ion: 91 Resp: 342085

Ion Ratio Lower Upper

91 100

126 18.8 16.6 49.8

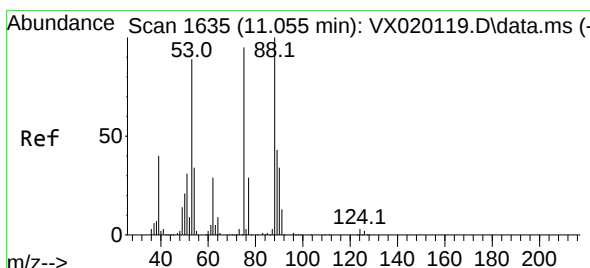
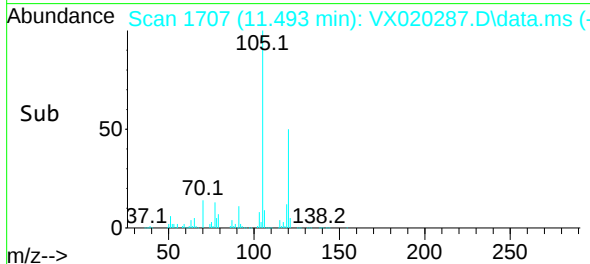
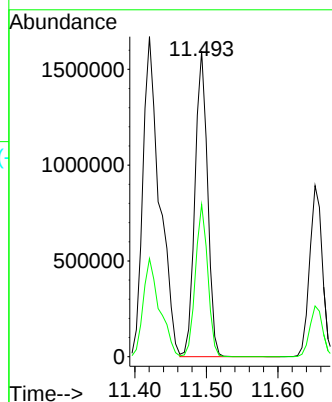
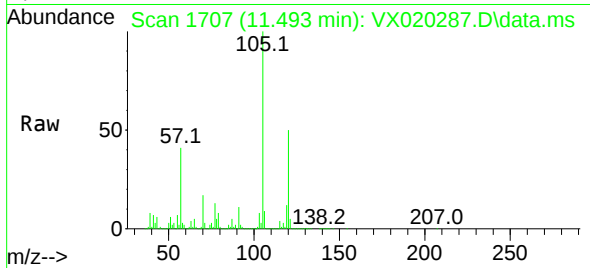




#80
1,3,5-Trimethylbenzene
Concen: 124.42 ug/l
RT: 11.493 min Scan# 1707
Delta R.T. 0.005 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

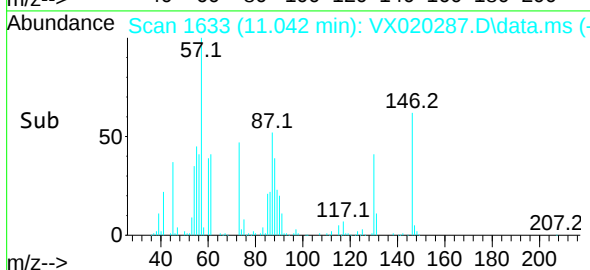
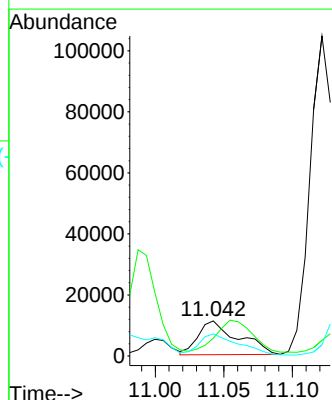
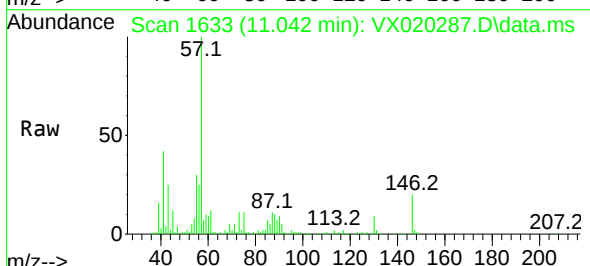
Instrument :
MSVOA_X
ClientSampleId :

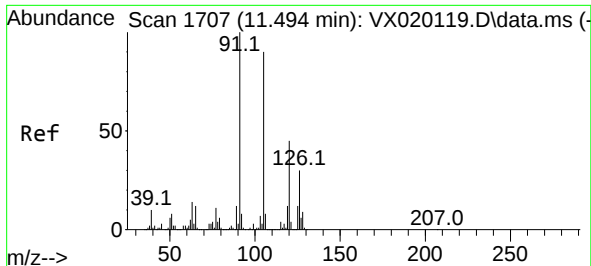
Tgt Ion:105 Resp: 1944493
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 10.54 ug/l
RT: 11.042 min Scan# 1633
Delta R.T. -0.013 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 75 Resp: 22349
Ion Ratio Lower Upper
75 100
53 86.3 74.5 111.7
89 0.0 37.9 56.9#

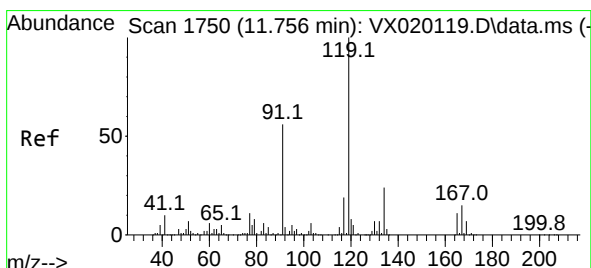
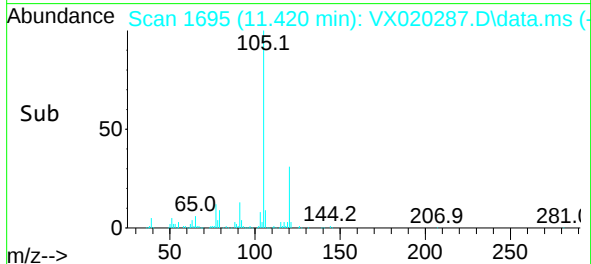
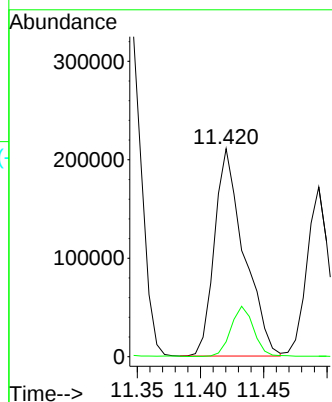
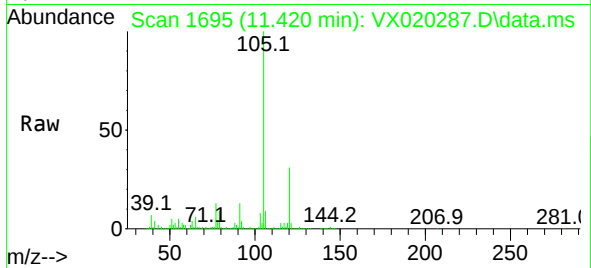




#82
4-Chlorotoluene
Concen: 22.10 ug/l
RT: 11.420 min Scan# 1695
Delta R.T. -0.074 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

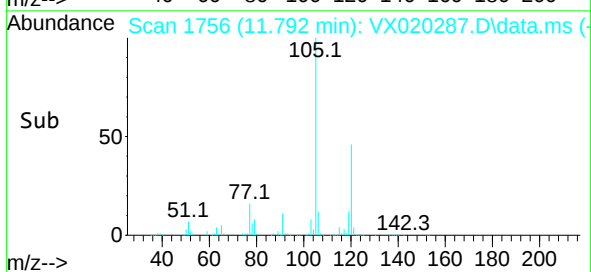
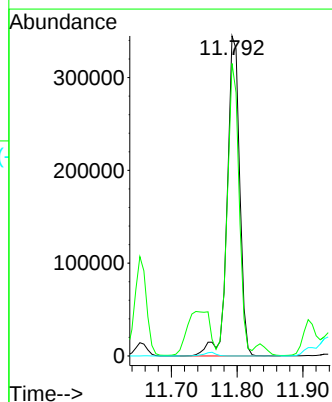
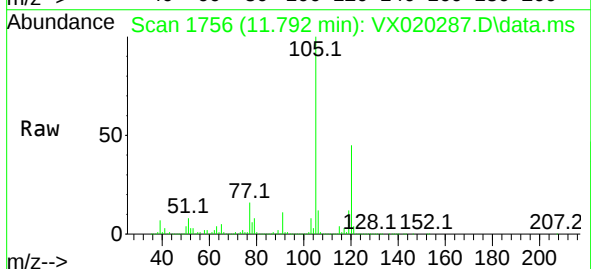
Instrument :
MSVOA_X
ClientSampled :

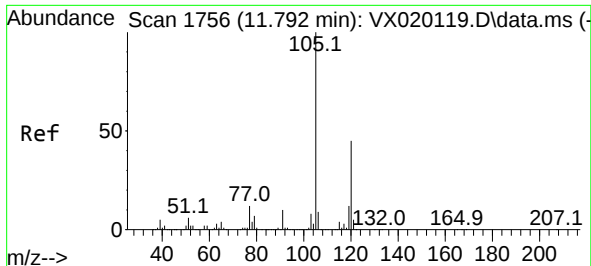
Tgt Ion: 91 Resp: 342085
Ion Ratio Lower Upper
91 100
126 18.8 14.9 44.5



#83
tert-Butylbenzene
Concen: 30.45 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. 0.036 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 119 Resp: 456686
Ion Ratio Lower Upper
119 100
91 85.3 27.9 83.7#
134 0.0 11.3 33.9#

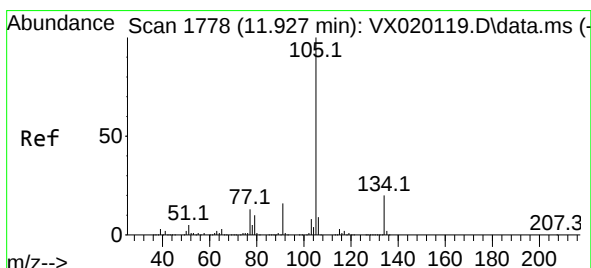
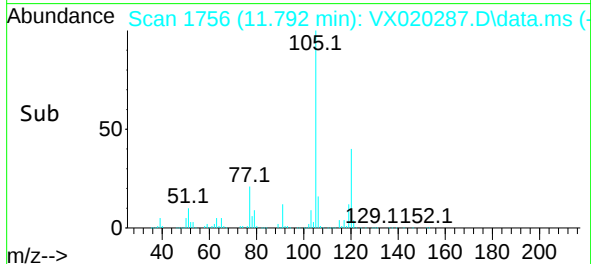
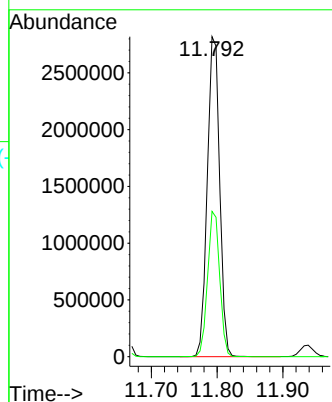
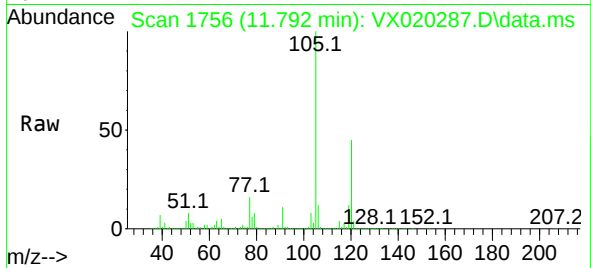




#84
1,2,4-Trimethylbenzene
Concen: 232.47 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

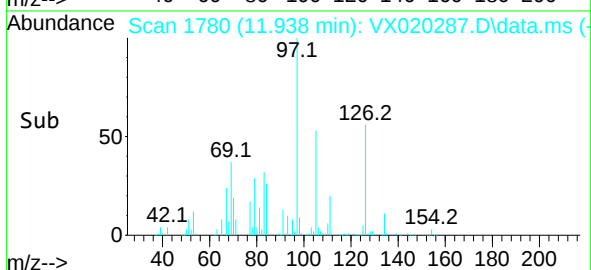
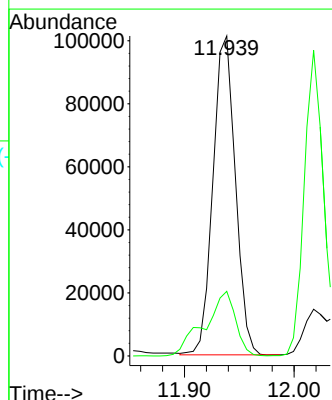
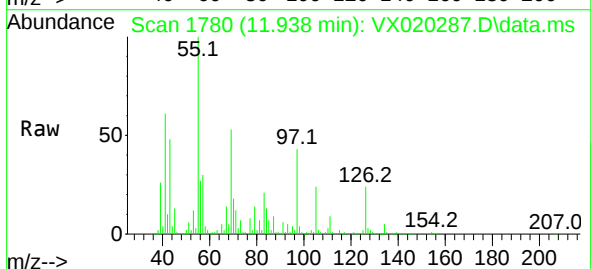
Instrument :
MSVOA_X
ClientSampled :

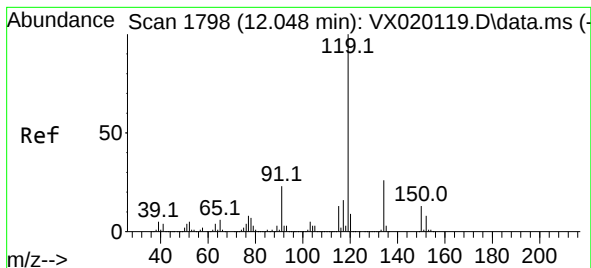
Tgt Ion:105 Resp: 3687864
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3



#85
sec-Butylbenzene
Concen: 8.31 ug/l
RT: 11.938 min Scan# 1780
Delta R.T. 0.011 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion:105 Resp: 143777
Ion Ratio Lower Upper
105 100
134 28.1 10.0 29.8

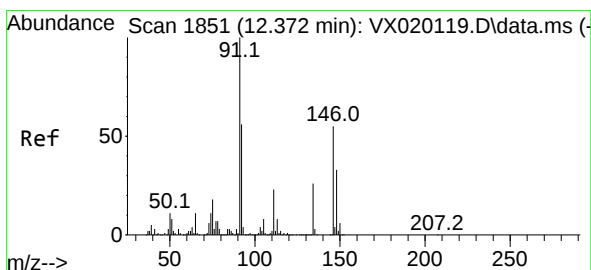
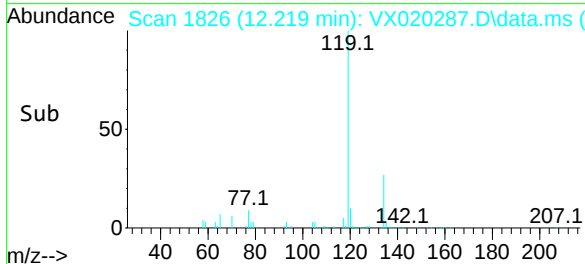
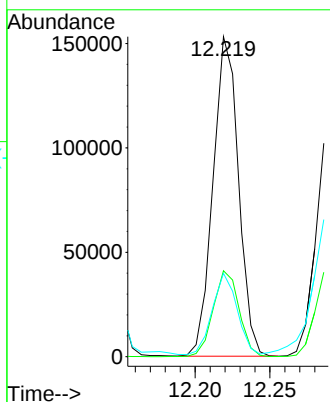
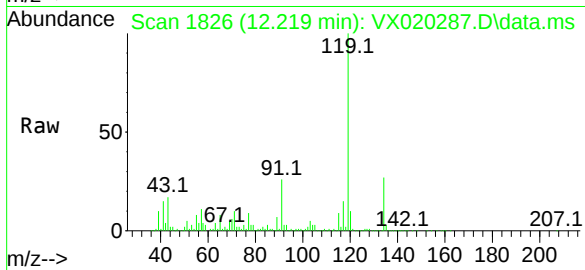




#86
p-Isopropyltoluene
Concen: 11.36 ug/l
RT: 12.219 min Scan# 1826
Delta R.T. 0.171 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

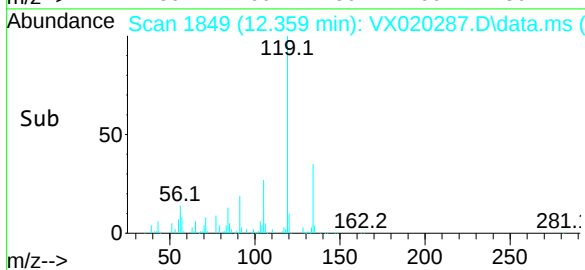
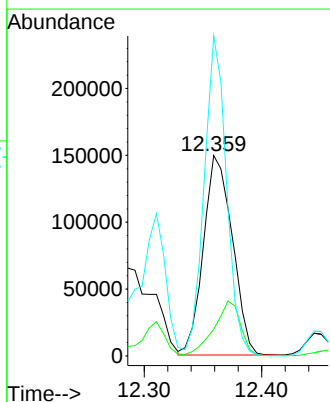
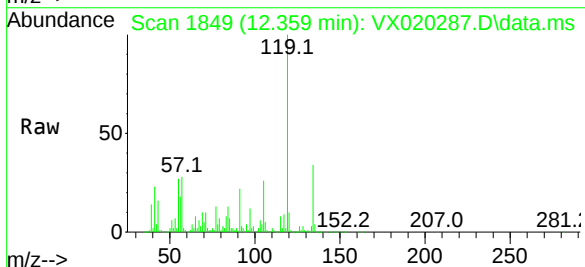
Instrument :
MSVOA_X
ClientSampleId :

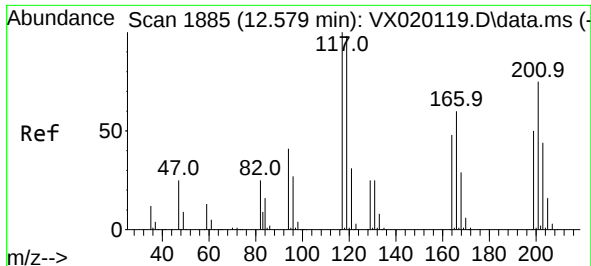
Tgt Ion:119 Resp: 181247
Ion Ratio Lower Upper
119 100
134 27.3 12.9 38.7
91 24.6 11.7 35.0



#89
n-Butylbenzene
Concen: 18.28 ug/l
RT: 12.359 min Scan# 1849
Delta R.T. -0.013 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 91 Resp: 255690
Ion Ratio Lower Upper
91 100
92 25.0 27.4 82.0#
134 123.3 13.2 39.5#

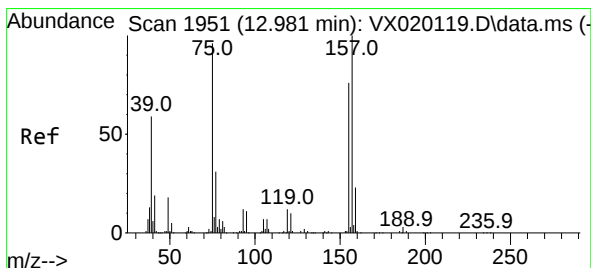
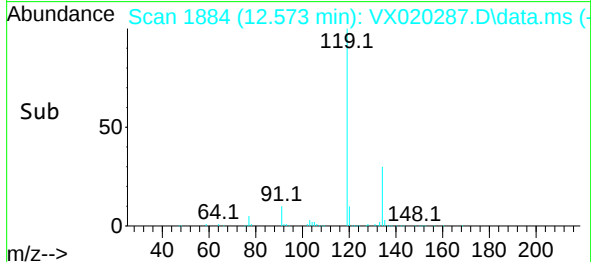
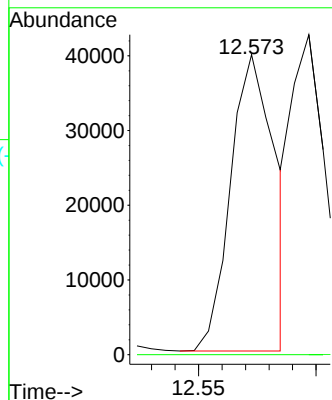
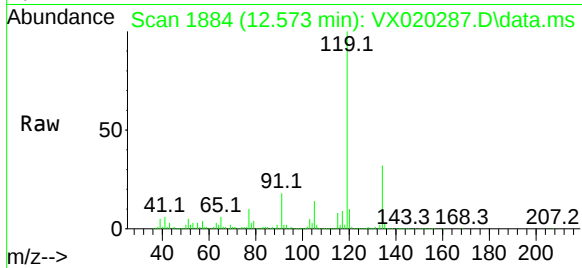




#90
Hexachloroethane
Concen: 18.86 ug/l
RT: 12.573 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

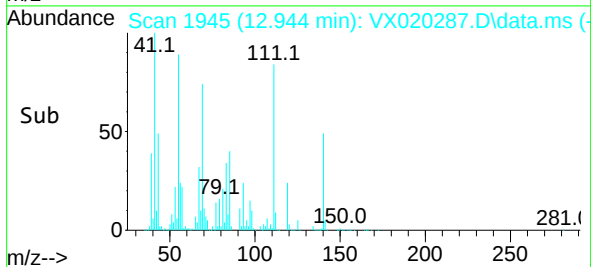
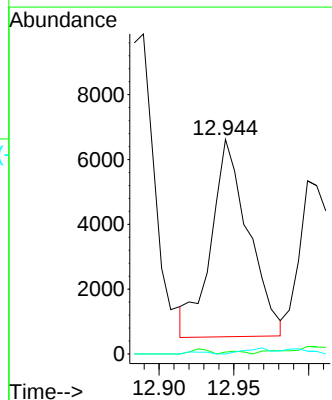
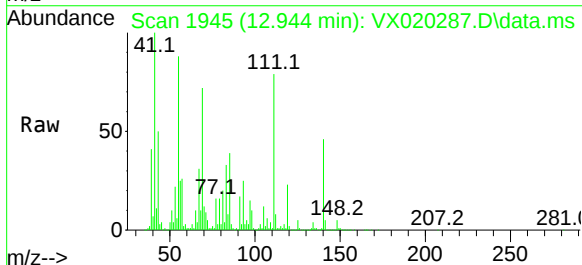
Instrument :
MSVOA_X
ClientSampled :

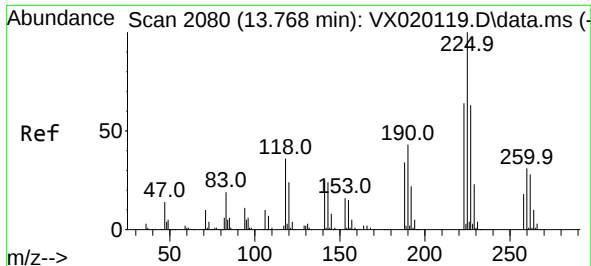
Tgt Ion:117 Resp: 51935
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.56 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.037 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion: 75 Resp: 10627
Ion Ratio Lower Upper
75 100
155 0.7 45.3 135.9#
157 0.0 57.7 173.1#

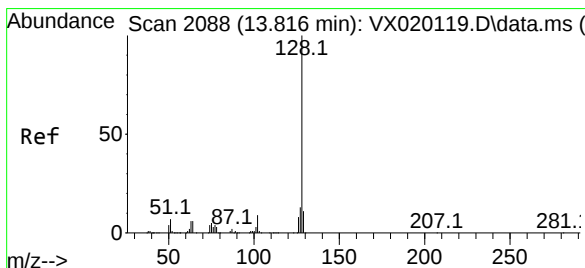
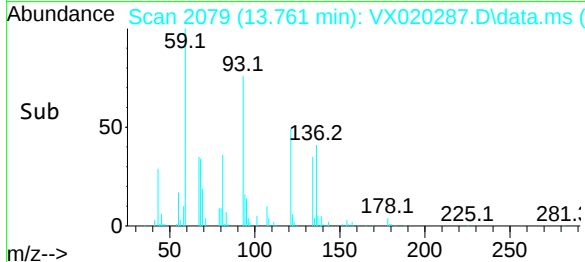
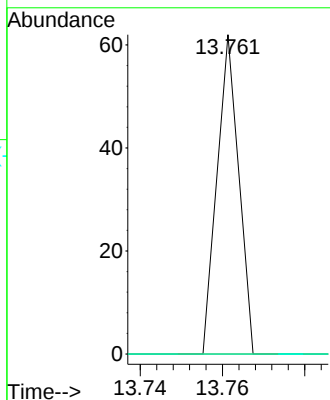
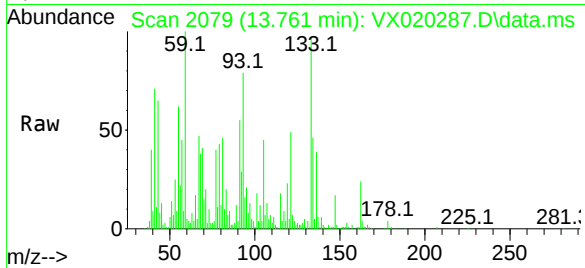




#94
Hexachlorobutadiene
Concen: 2.65 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. -0.007 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 23
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 23.60 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020287.D
Acq: 22 Dec 2020 06:27

Tgt Ion:128 Resp: 416778
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 12.4 8.8 13.2

