

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021311.D
 Acq On : 19 Mar 2021 18:47
 Operator : JC/MD
 Sample : M1716-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210317059-01-VOA

Quant Time: Mar 20 06:35:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	81248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49185	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62815	47.14	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.28%
35) Dibromofluoromethane	5.464	113	44964	50.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.02%
50) Toluene-d8	8.694	98	162041	49.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.34%
62) 4-Bromofluorobenzene	11.118	95	56875	44.89	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.78%

Target Compounds						Qvalue
3) Chloromethane	1.317	50	1829	Below Cal		90
4) Vinyl Chloride	1.393	62	457	0.46 ug/l #		64
8) Diethyl Ether	2.164	74	1676	3.20 ug/l #		22
11) Tert butyl alcohol	3.017	59	1505808	6726.07 ug/l		97
13) Acrolein	2.240	56	73	3.66 ug/l #		1
14) Allyl chloride	2.682	41	8010	4.69 ug/l #		43
15) Acrylonitrile	3.017	53	15514	29.80 ug/l #		20
16) Acetone	2.417	43	141530	288.64 ug/l		90
17) Carbon Disulfide	2.552	76	4629	2.44 ug/l #		94
18) Methyl Acetate	2.582	43	15485	11.52 ug/l #		47
19) Methyl tert-butyl Ether	3.164	73	9553	3.07 ug/l		97
25) 2-Butanone	4.635	43	234618	311.16 ug/l #		88
26) 2,2-Dichloropropane	4.664	77	64998	42.06 ug/l #		52
27) cis-1,2-Dichloroethene	4.564	96	628	0.59 ug/l #		8
28) Bromochloromethane	5.082	49	891	1.07 ug/l #		9
29) Tetrahydrofuran	5.088	42	267399	536.96 ug/l #		85
36) 1,1-Dichloropropene	5.623	75	7745	5.82 ug/l #		49
37) Ethyl Acetate	4.635	43	234618	152.06 ug/l #		64
38) Carbon Tetrachloride	5.623	117	9088	6.57 ug/l #		17
40) Benzene	6.111	78	19817	5.40 ug/l		97
41) Methacrylonitrile	5.088	41	165705	187.15 ug/l #		43
42) 1,2-Dichloroethane	6.158	62	1808	1.14 ug/l #		73
43) Isopropyl Acetate	6.406	43	1587	0.63 ug/l #		70
45) 1,2-Dichloropropane	7.482	63	210	0.21 ug/l #		43
49) 1,4-Dioxane	7.718	88	2904	117.17 ug/l #		80
51) 4-Methyl-2-Pentanone	8.618	43	10897	7.40 ug/l #		78
52) Toluene	8.765	92	15524	6.84 ug/l		96
55) 1,1,2-Trichloroethane	9.124	97	476	0.51 ug/l #		15
56) Ethyl methacrylate	9.071	69	339	0.23 ug/l #		29
59) 2-Hexanone	9.282	43	6871	6.24 ug/l		68
65) Chlorobenzene	10.118	112	4065	1.76 ug/l		92
67) Ethyl Benzene	10.235	91	58898	13.79 ug/l		99
68) m/p-Xylenes	10.341	106	20431	13.39 ug/l		91
69) o-Xylene	10.683	106	12014	8.10 ug/l		90
70) Styrene	10.694	104	2473	0.99 ug/l #		16
73) Isopropylbenzene	11.000	105	7250	1.98 ug/l		98

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

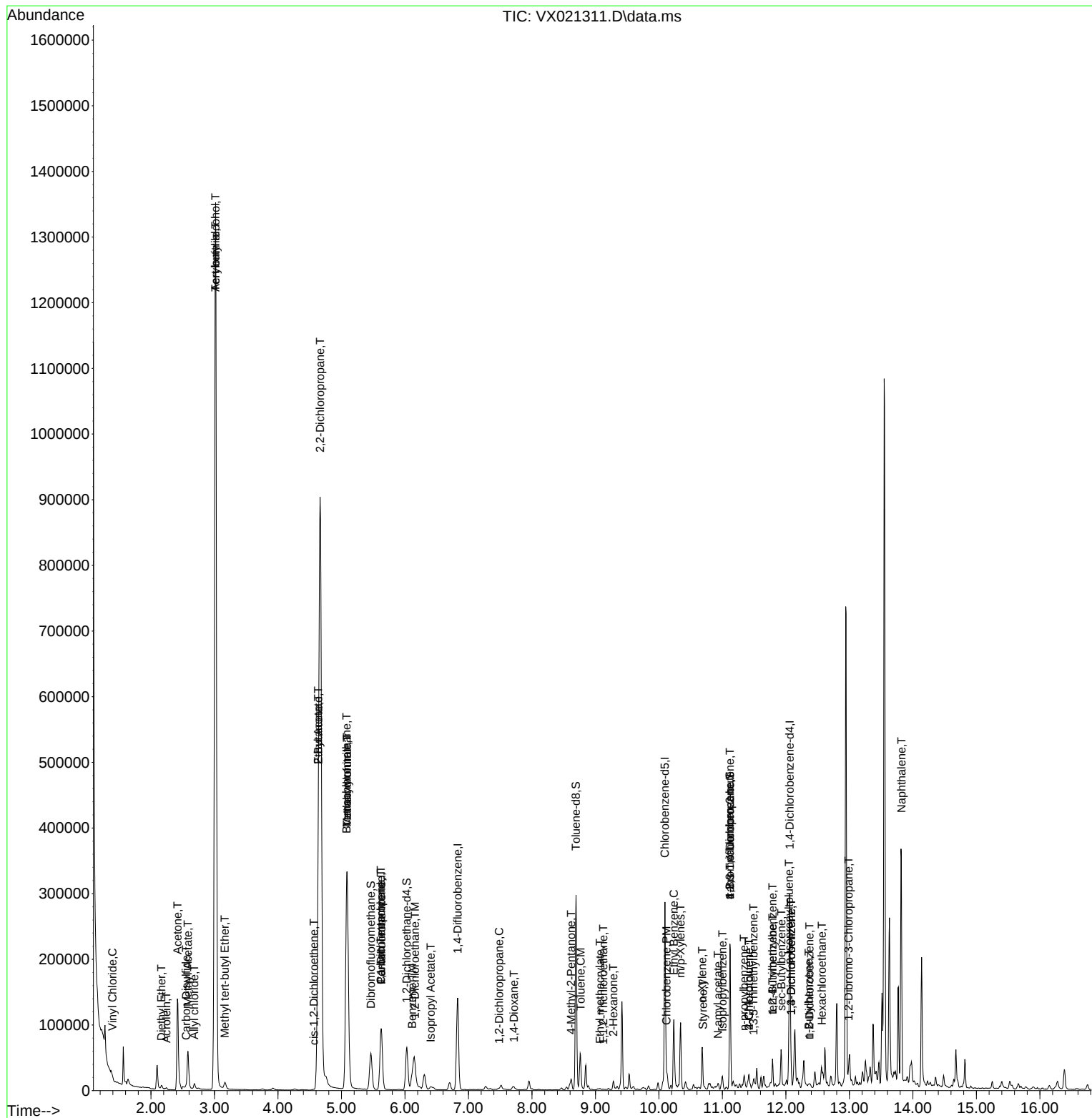
74) N-amyl acetate	10.930	43	3407	1.84	ug/l #	51
76) 1,2,3-Trichloropropane	11.118	75	31957	28.01	ug/l #	39
78) n-propylbenzene	11.342	91	3427	0.80	ug/l	94
79) 2-Chlorotoluene	11.418	91	2232	0.86	ug/l	72
80) 1,3,5-Trimethylbenzene	11.489	105	4417	1.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.118	75	31957	76.04	ug/l #	12
82) 4-Chlorotoluene	11.418	91	2232	0.73	ug/l	77
83) tert-Butylbenzene	11.789	119	1982	0.67	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.789	105	16334	5.20	ug/l	100
85) sec-Butylbenzene	11.930	105	872	0.25	ug/l #	71
86) p-Isopropyltoluene	12.047	119	13440	4.23	ug/l	89
87) 1,3-Dichlorobenzene	12.083	146	9610	6.08	ug/l	92
88) 1,4-Dichlorobenzene	12.083	146	9610	5.94	ug/l	91
89) n-Butylbenzene	12.359	91	949	0.33	ug/l #	47
90) Hexachloroethane	12.565	117	392	0.81	ug/l #	9
91) 1,2-Dichlorobenzene	12.371	146	511	0.33	ug/l #	75
92) 1,2-Dibromo-3-Chloropr...	12.989	75	314	1.01	ug/l #	1
95) Naphthalene	13.818	128	205043	58.77	ug/l	99

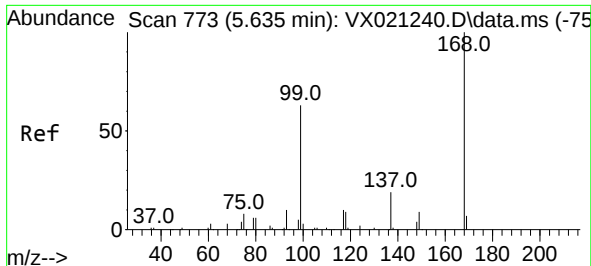
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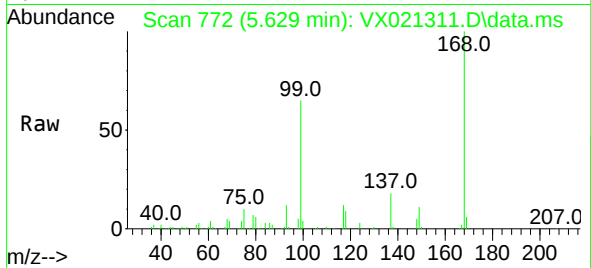
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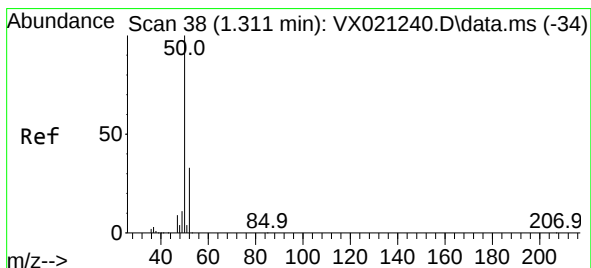
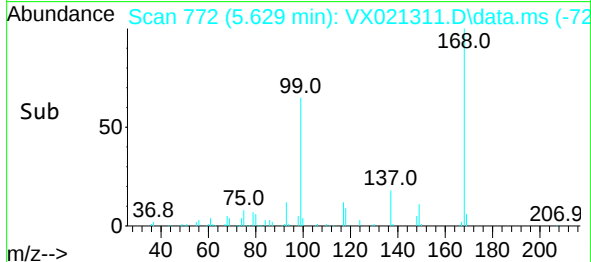
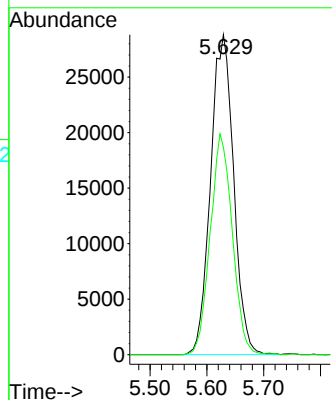


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
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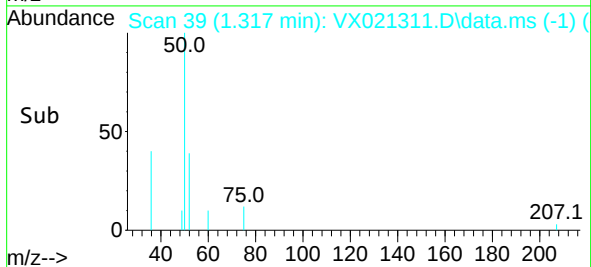
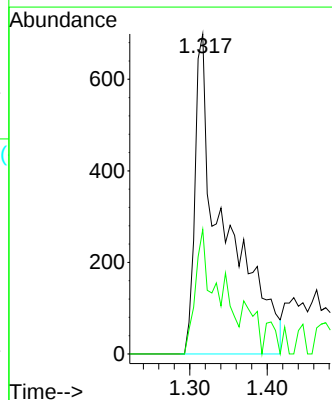
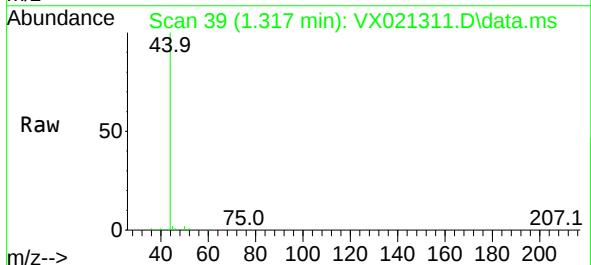


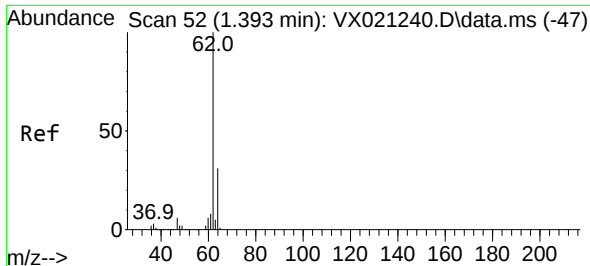
Tgt Ion:168 Resp: 81248
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 50 Resp: 1829
Ion Ratio Lower Upper
50 100
52 38.9 26.4 39.6

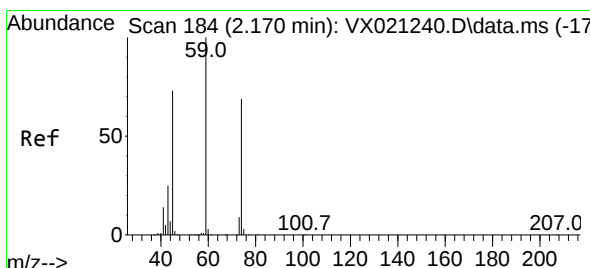
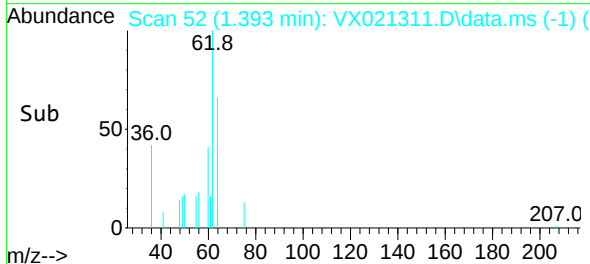
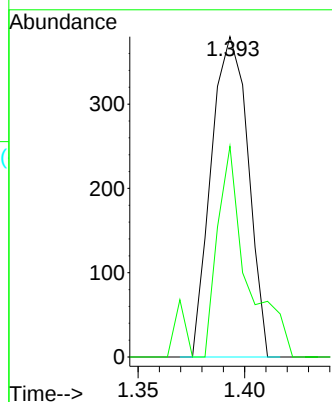
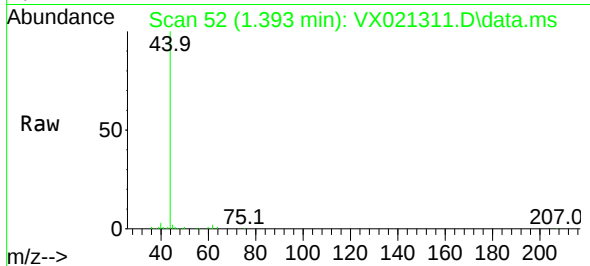




#4
 Vinyl Chloride
 Concen: 0.46 ug/l
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX021311.D
 Acq: 19 Mar 2021 18:47

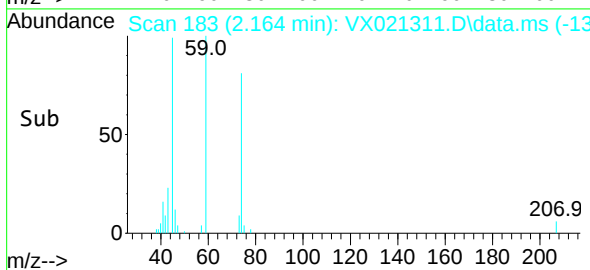
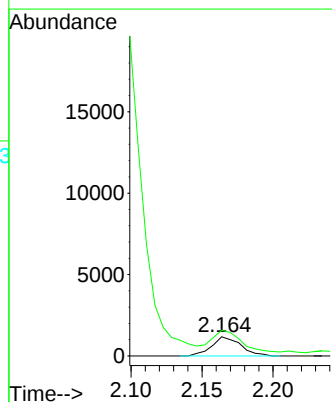
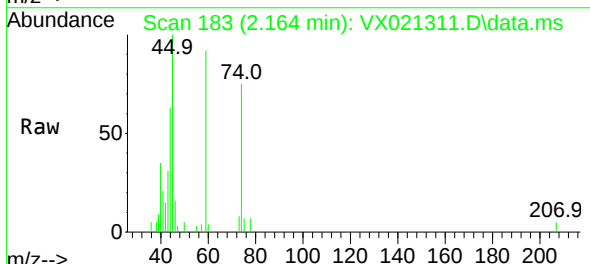
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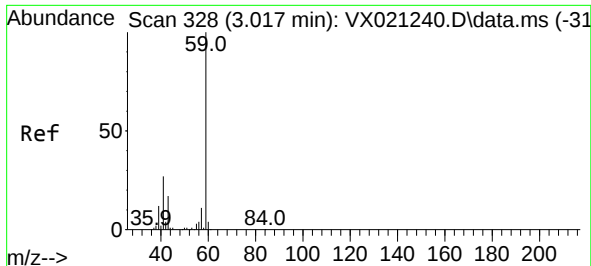
Tgt Ion: 62 Resp: 457
 Ion Ratio Lower Upper
 62 100
 64 52.4 25.7 38.5#



#8
 Diethyl Ether
 Concen: 3.20 ug/l
 RT: 2.164 min Scan# 183
 Delta R.T. -0.006 min
 Lab File: VX021311.D
 Acq: 19 Mar 2021 18:47

Tgt Ion: 74 Resp: 1676
 Ion Ratio Lower Upper
 74 100
 45 162.5 44.5 133.5#

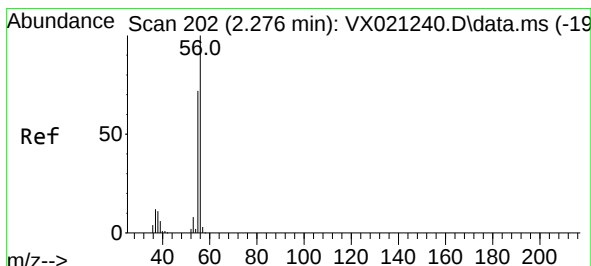
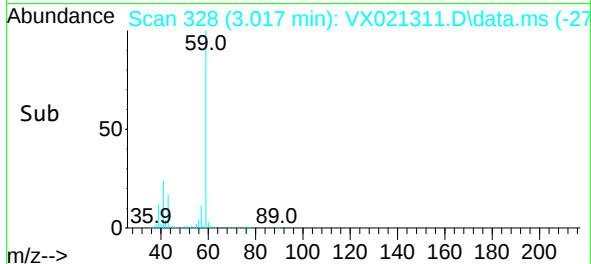
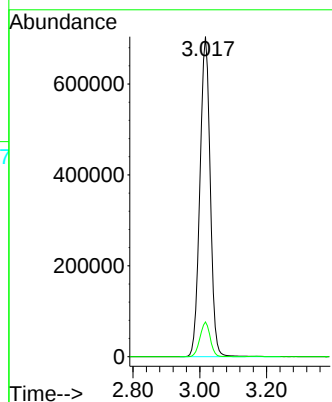
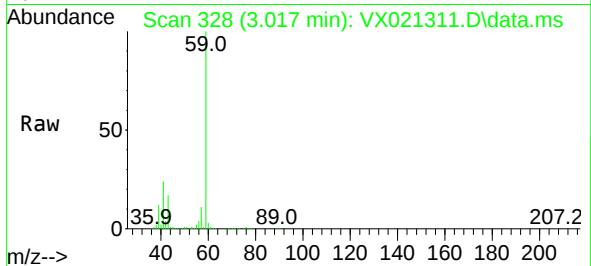




#11
Tert butyl alcohol
Concen: 6726.07 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

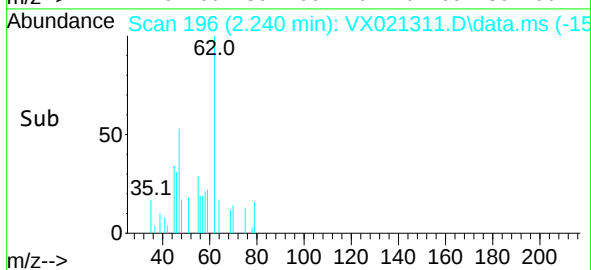
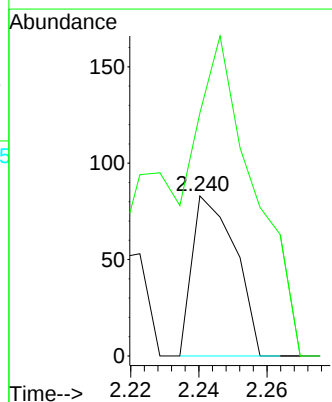
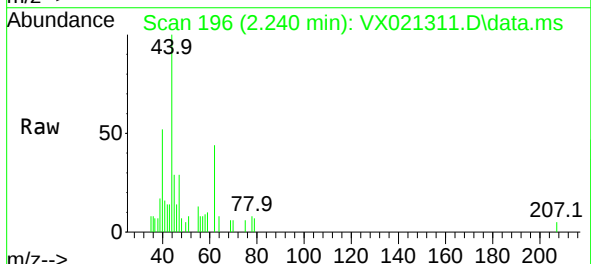
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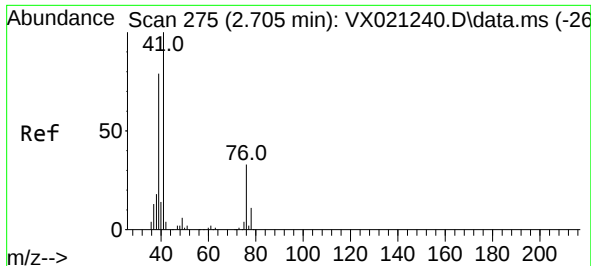
Tgt Ion: 59 Resp: 1505808
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#13
Acrolein
Concen: 3.66 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 390.4 56.4 84.6#

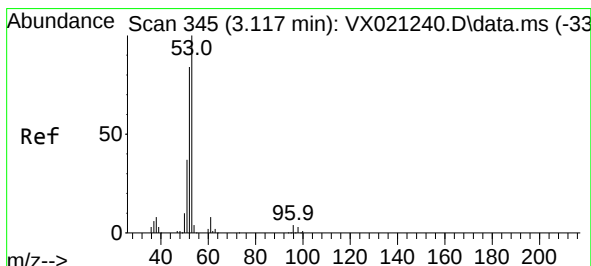
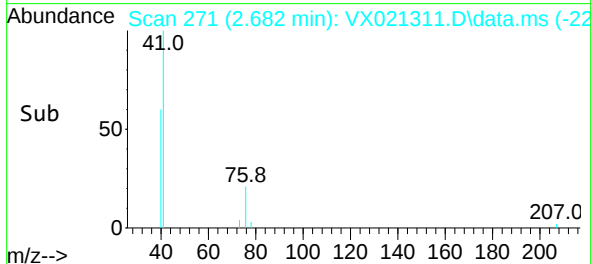
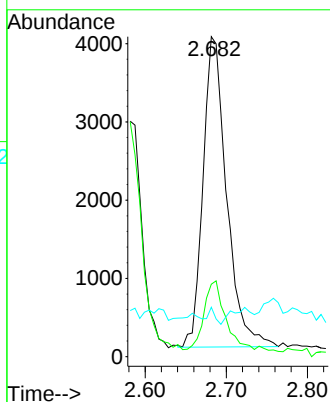
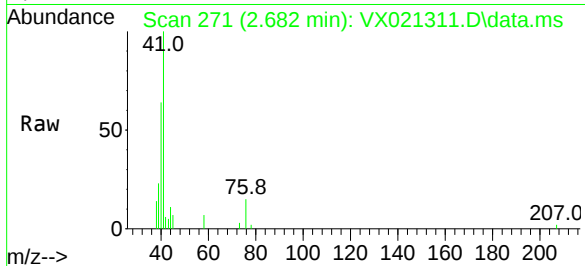




#14
 Allyl chloride
 Concen: 4.69 ug/l
 RT: 2.682 min Scan# 271
 Delta R.T. -0.023 min
 Lab File: VX021311.D
 Acq: 19 Mar 2021 18:47

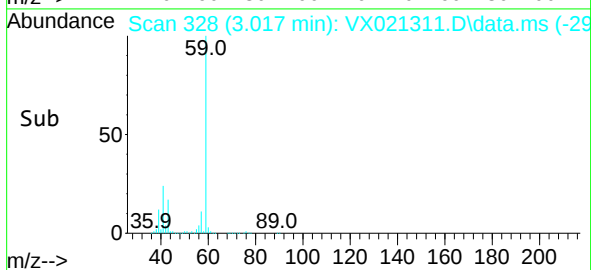
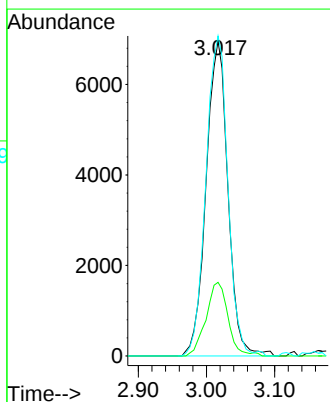
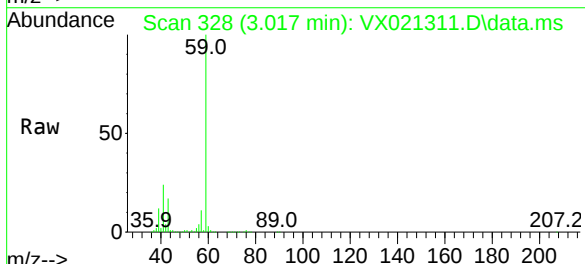
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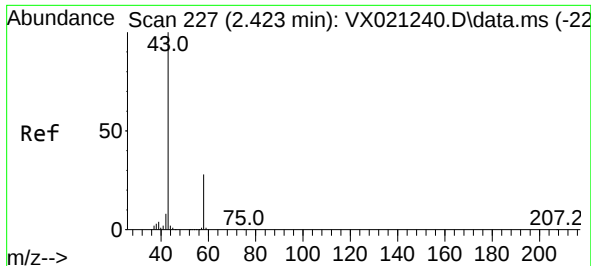
Tgt Ion: 41 Resp: 8010
 Ion Ratio Lower Upper
 41 100
 39 22.0 51.6 77.4#
 76 0.0 30.5 45.7#



#15
 Acrylonitrile
 Concen: 29.80 ug/l
 RT: 3.017 min Scan# 328
 Delta R.T. -0.100 min
 Lab File: VX021311.D
 Acq: 19 Mar 2021 18:47

Tgt Ion: 53 Resp: 15514
 Ion Ratio Lower Upper
 53 100
 52 23.6 65.3 97.9#
 51 101.9 28.2 42.2#

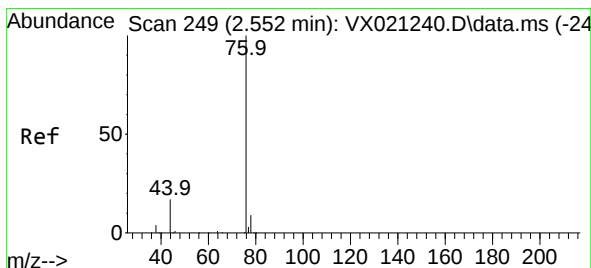
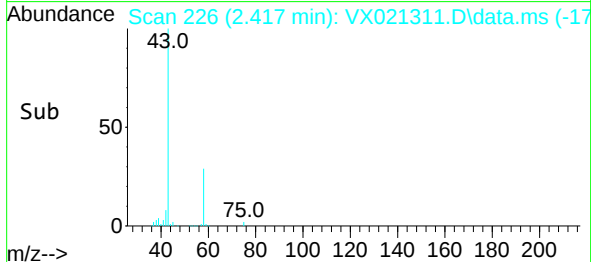
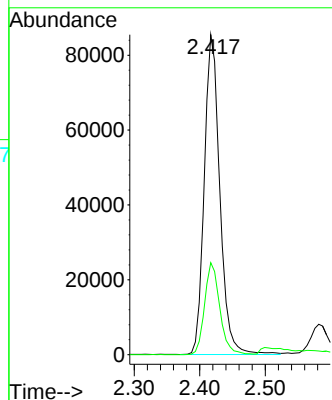
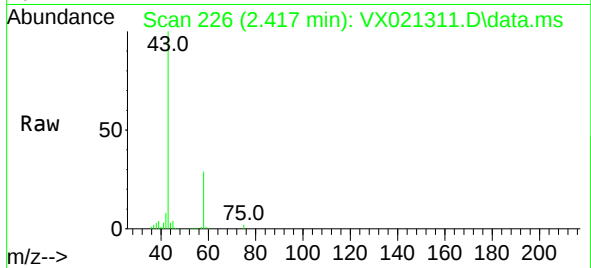




#16
Acetone
Concen: 288.64 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

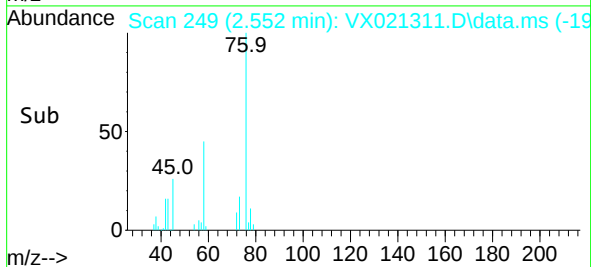
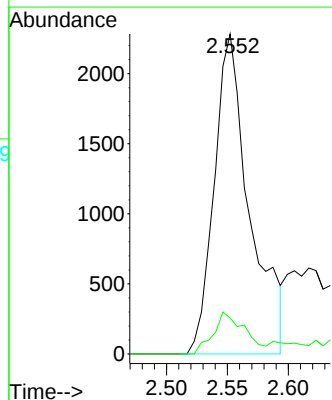
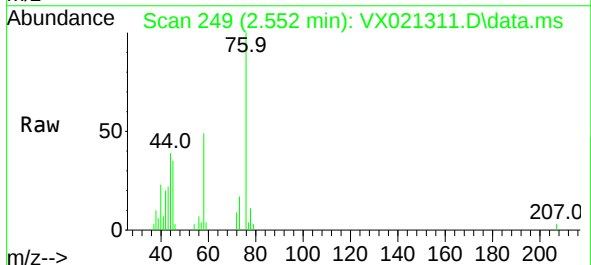
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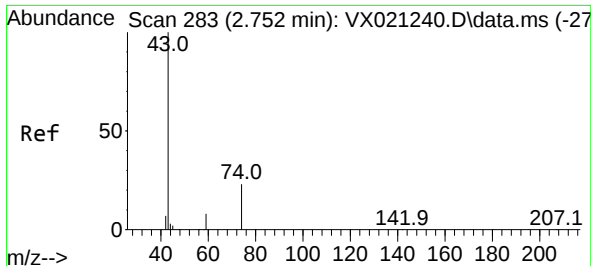
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Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



#17
Carbon Disulfide
Concen: 2.44 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 76 Resp: 4629
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#

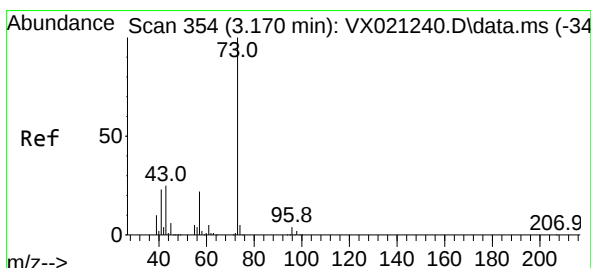
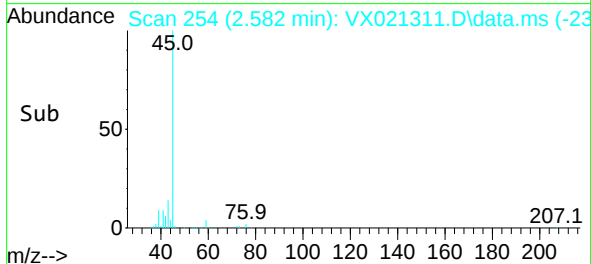
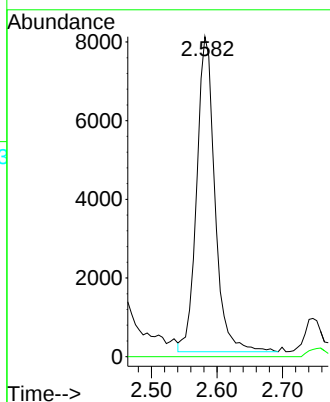
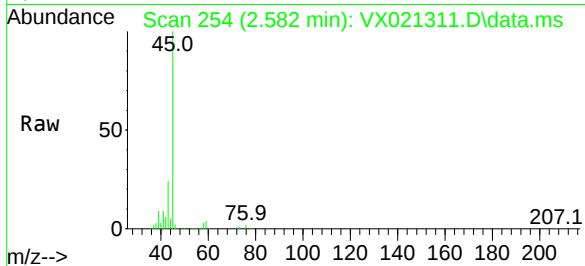




#18
Methyl Acetate
Concen: 11.52 ug/l
RT: 2.582 min Scan# 254
Delta R.T. -0.170 min
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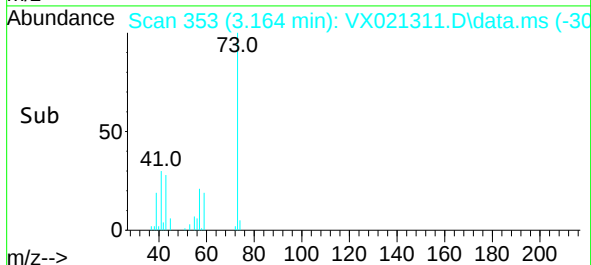
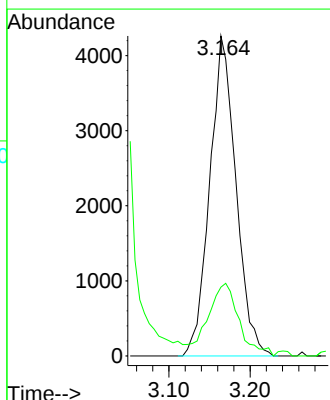
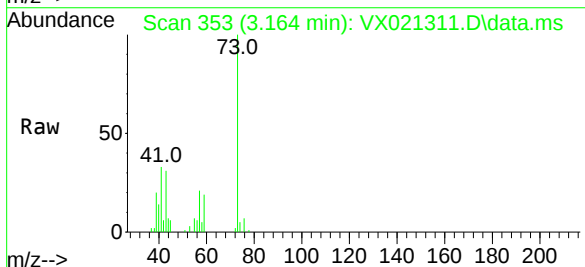
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ClientSampleId :
210317059-01-VOA

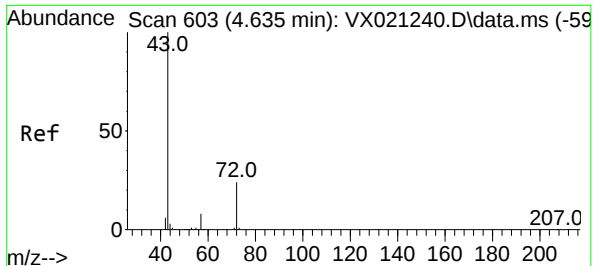
Tgt Ion: 43 Resp: 15485
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 3.07 ug/l
RT: 3.164 min Scan# 353
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 73 Resp: 9553
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

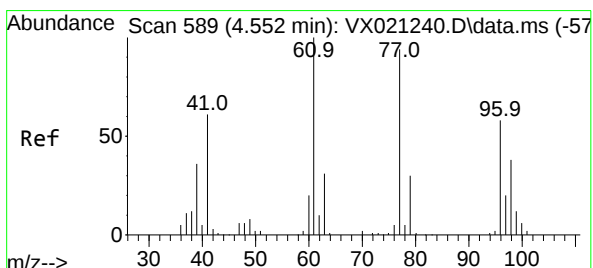
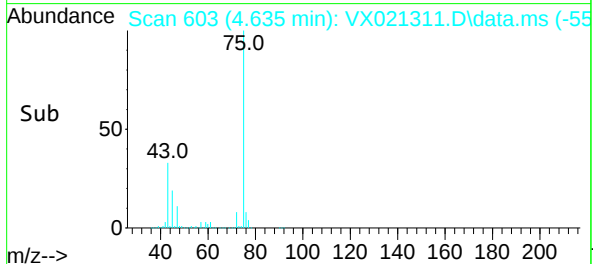
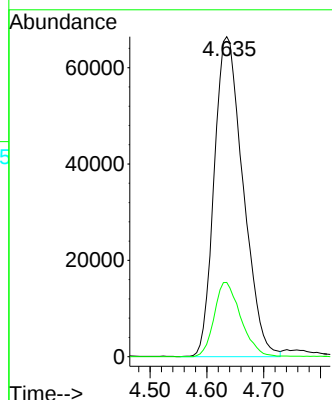
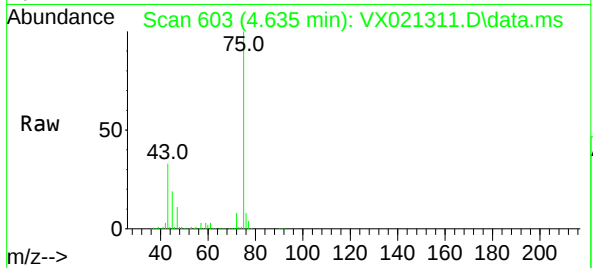




#25
2-Butanone
Concen: 311.16 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

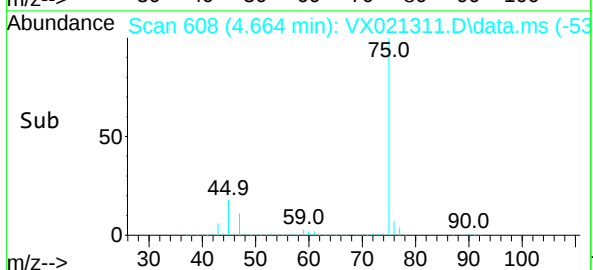
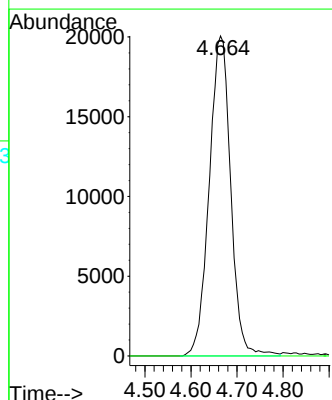
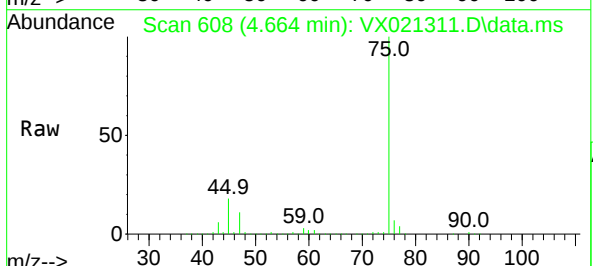
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

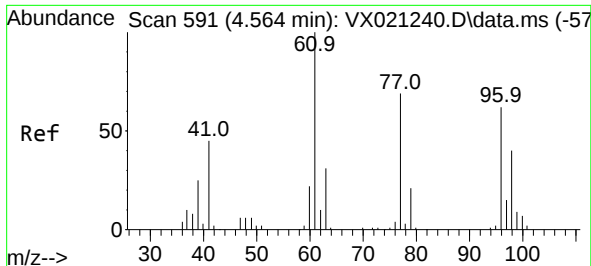
Tgt Ion: 43 Resp: 234618
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 42.06 ug/l
RT: 4.664 min Scan# 608
Delta R.T. 0.112 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 77 Resp: 64998
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.59 ug/l

RT: 4.564 min Scan# 591

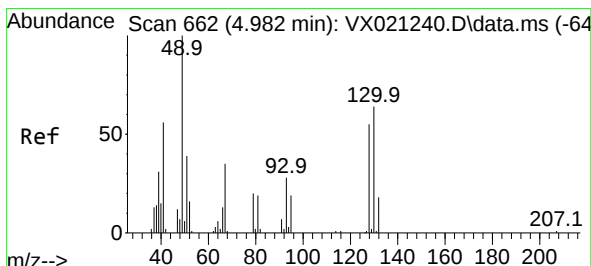
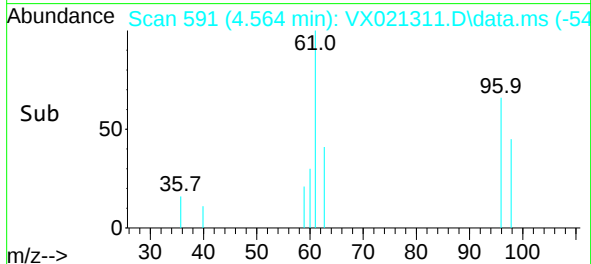
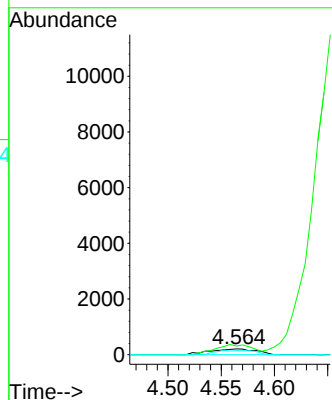
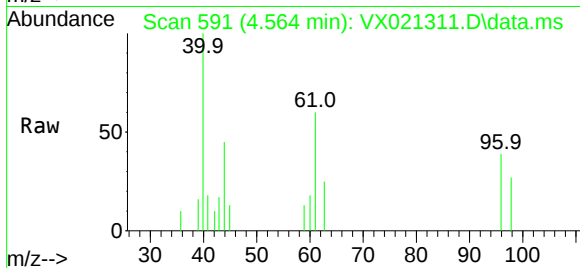
Delta R.T. 0.000 min

Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

Tgt Ion: 96 Resp: 628

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	285.6
98	35.0	0.0	129.6



#28

Bromochloromethane

Concen: 1.07 ug/l

RT: 5.082 min Scan# 679

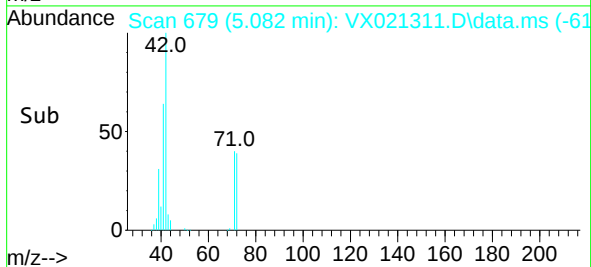
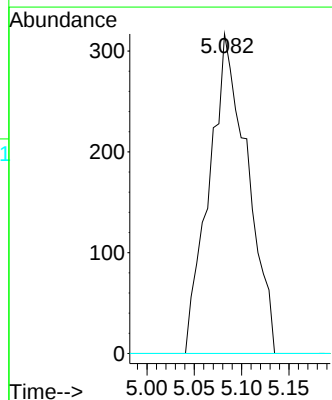
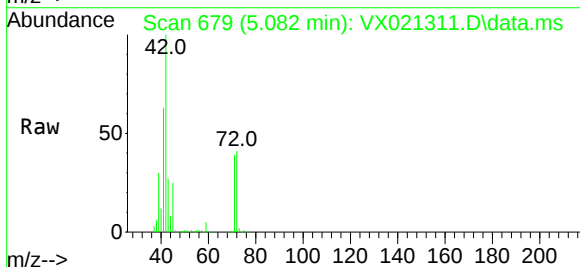
Delta R.T. 0.100 min

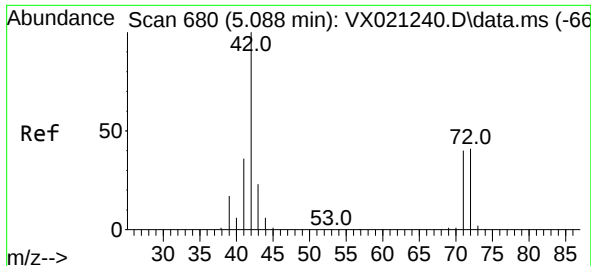
Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

Tgt Ion: 49 Resp: 891

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#





#29

Tetrahydrofuran

Concen: 536.96 ug/l

RT: 5.088 min Scan# 680

Delta R.T. -0.000 min

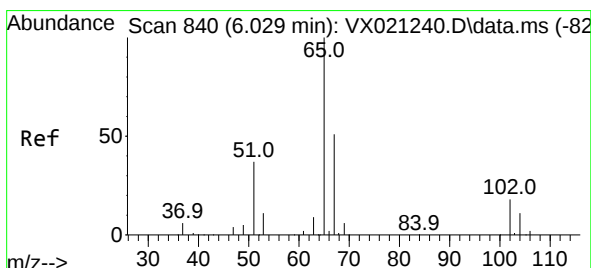
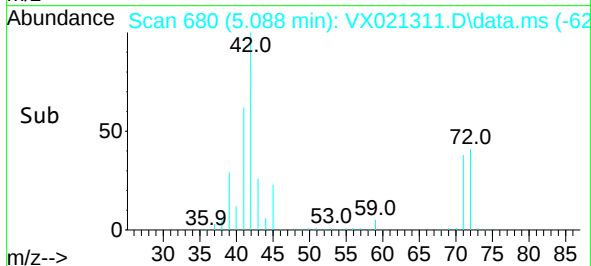
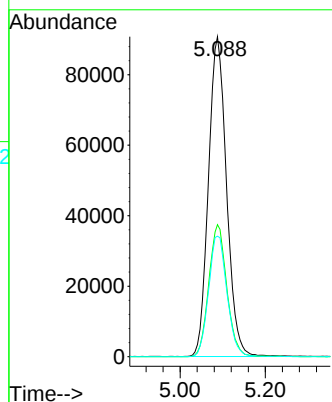
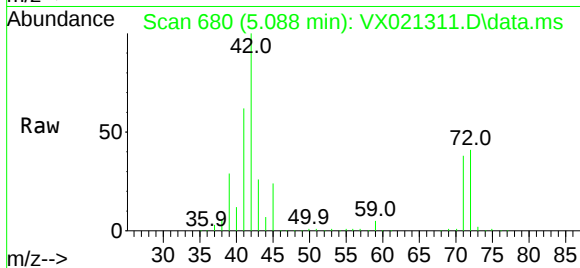
Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

Tgt Ion: 42 Resp: 267399

Ion	Ratio	Lower	Upper
42	100		
72	41.0	41.7	62.5#
71	38.4	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA



#33

1,2-Dichloroethane-d4

Concen: 47.14 ug/l

RT: 6.029 min Scan# 840

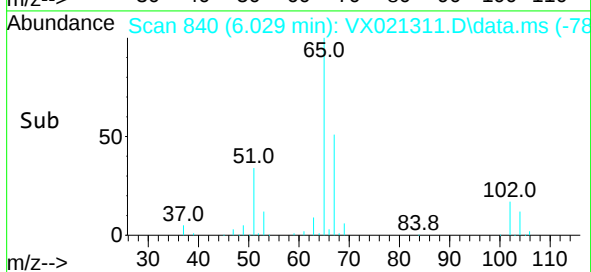
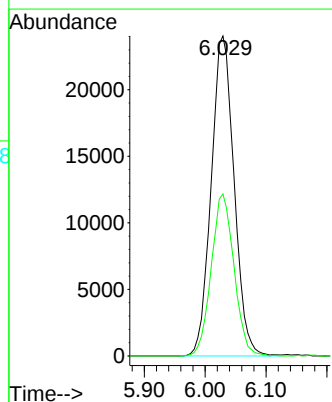
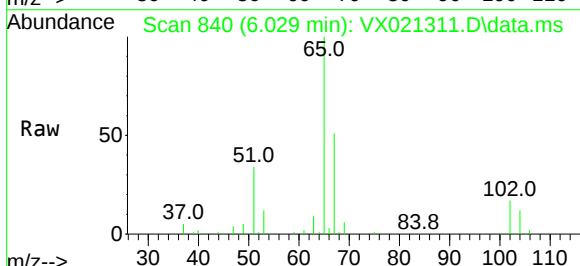
Delta R.T. 0.000 min

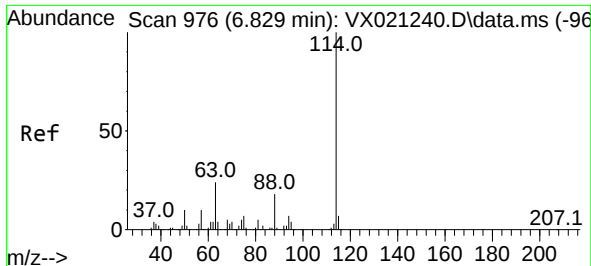
Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

Tgt Ion: 65 Resp: 62815

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.4

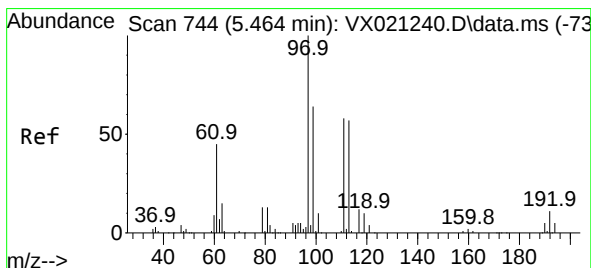
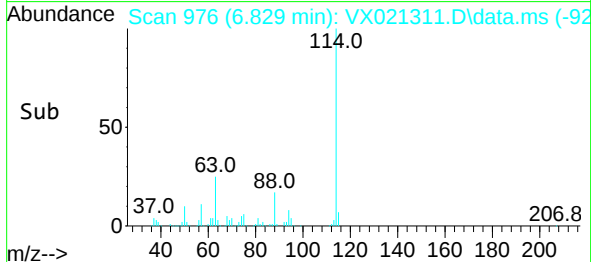
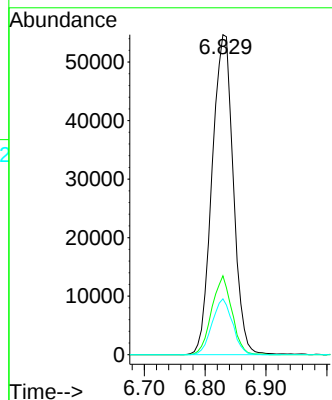
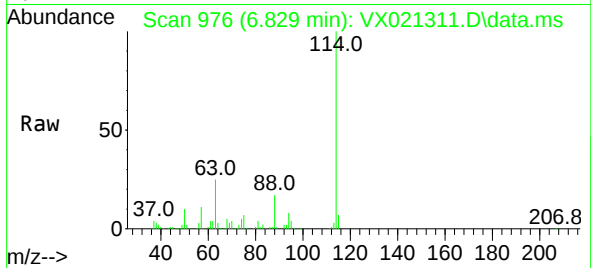




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

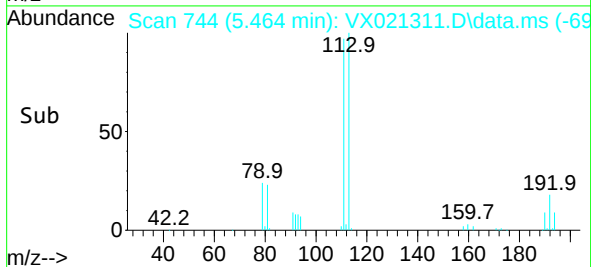
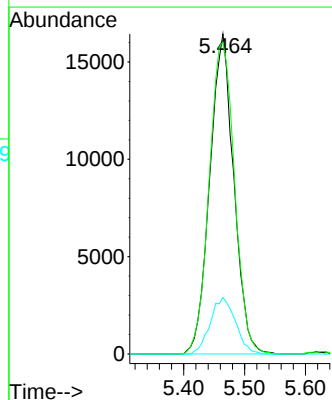
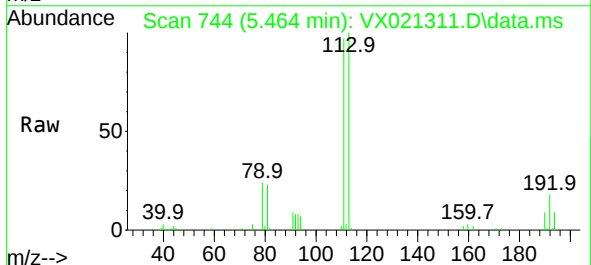
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

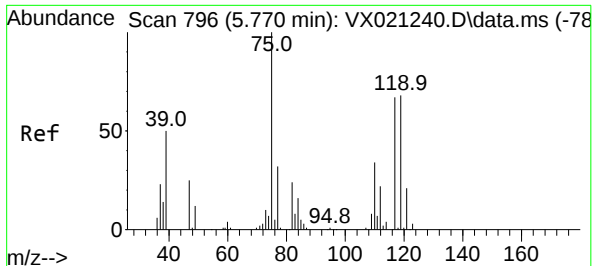
Tgt Ion:114 Resp: 132142
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:113 Resp: 44964
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.82 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

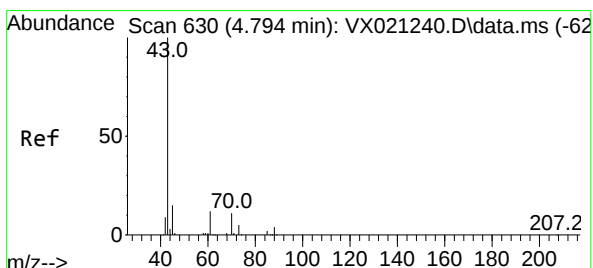
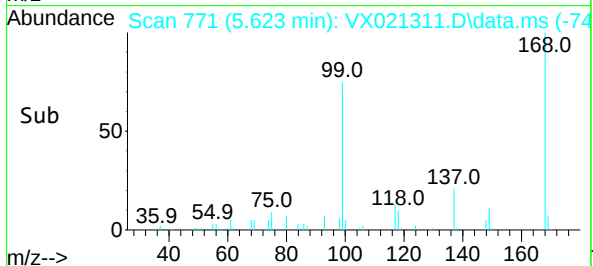
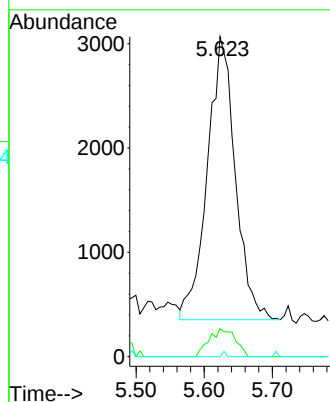
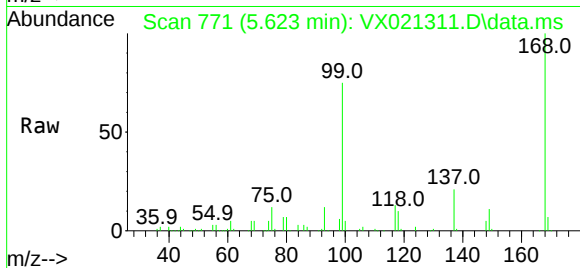
Tgt Ion: 75 Resp: 7745

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

77 0.2 25.3 37.9#



#37

Ethyl Acetate

Concen: 152.06 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.159 min

Lab File: VX021311.D

Acq: 19 Mar 2021 18:47

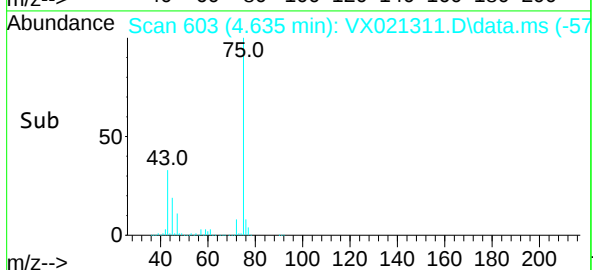
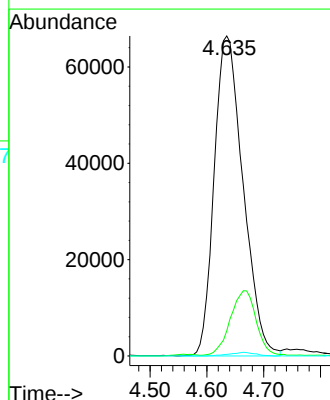
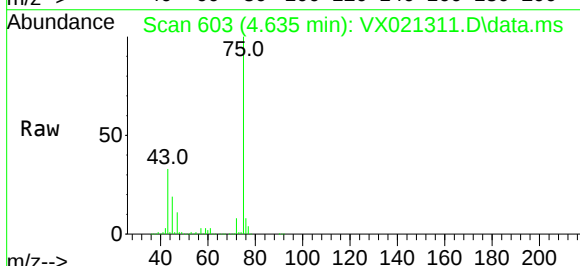
Tgt Ion: 43 Resp: 234618

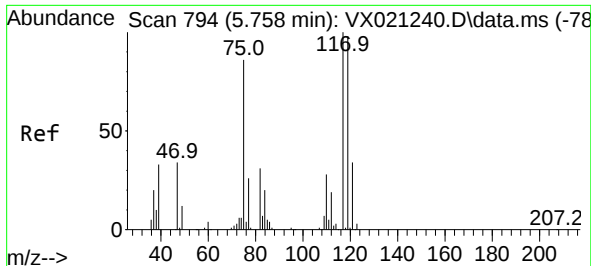
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

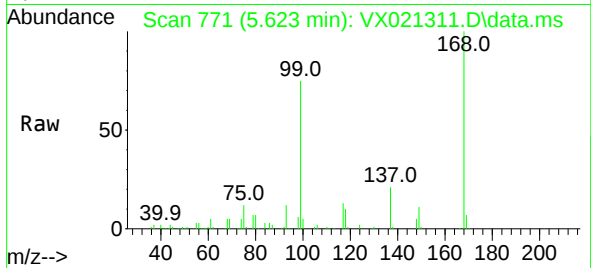
70 0.0 10.5 15.7#



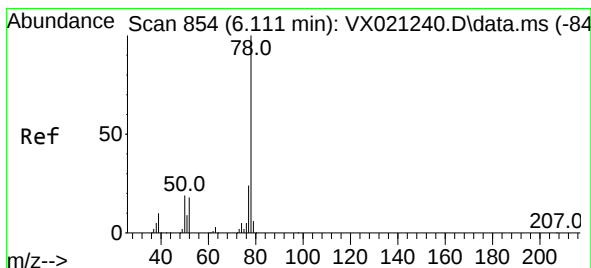
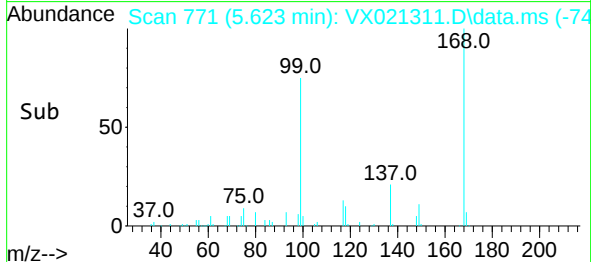
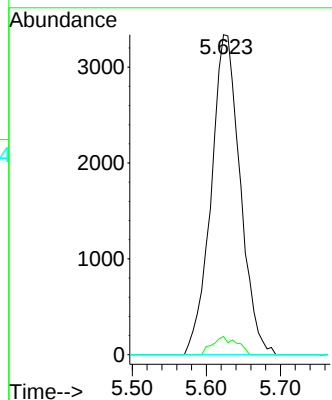


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

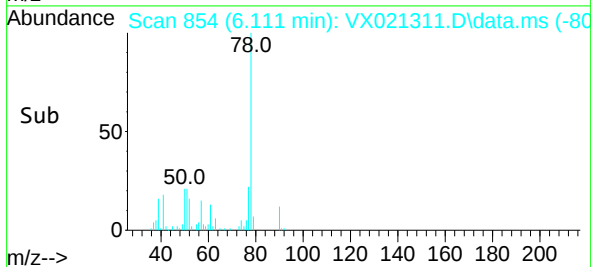
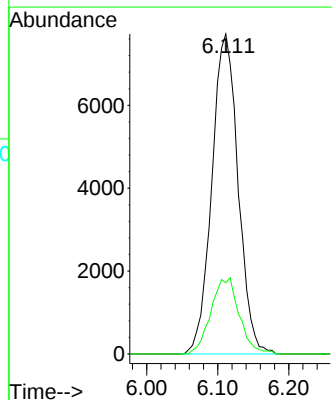
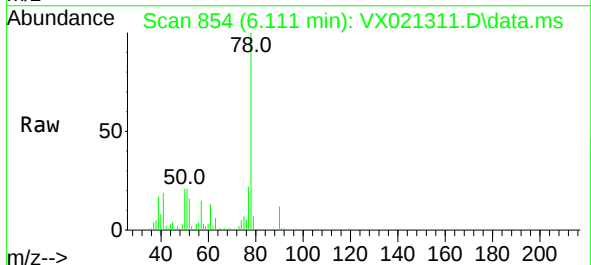


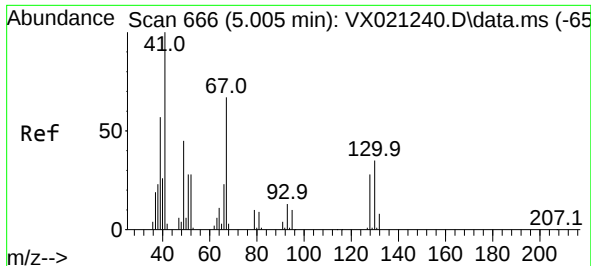
Tgt Ion:117 Resp: 9088
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 5.40 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

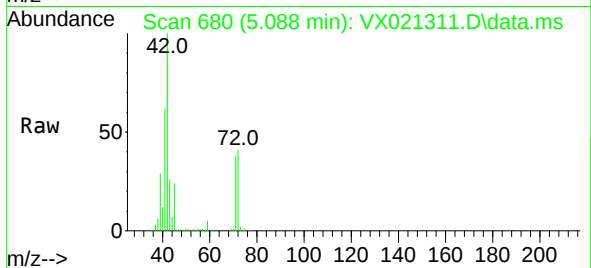
Tgt Ion: 78 Resp: 19817
Ion Ratio Lower Upper
78 100
77 22.2 18.9 28.3



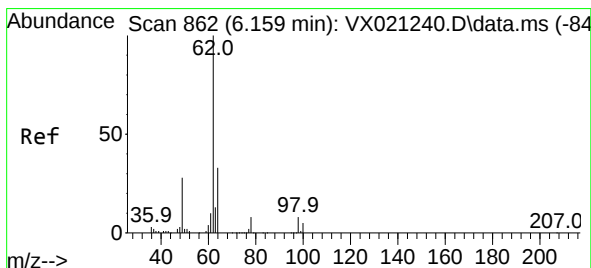
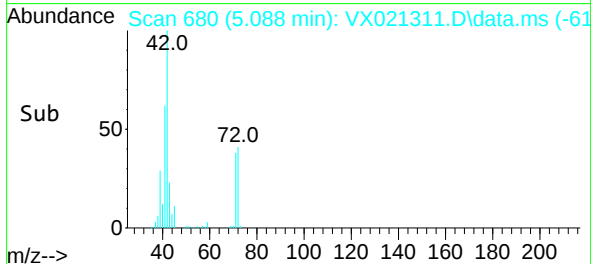
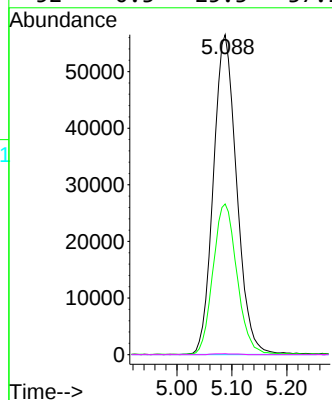


#41
Methacrylonitrile
Concen: 187.15 ug/l
RT: 5.088 min Scan# 680
Delta R.T. 0.083 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

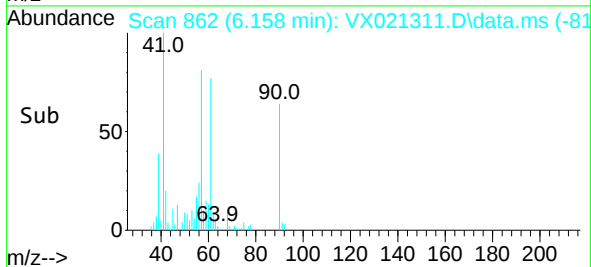
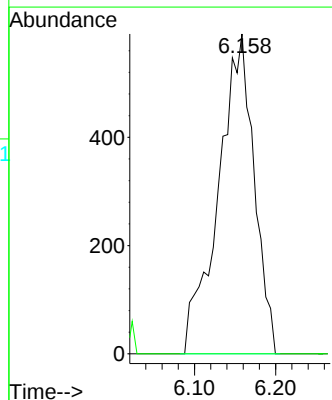
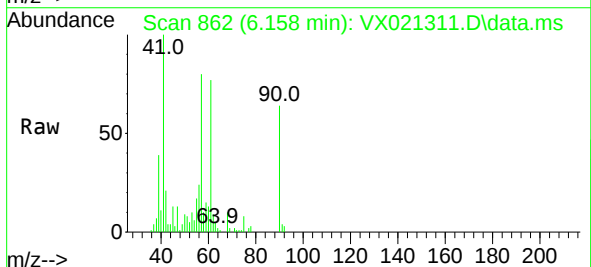


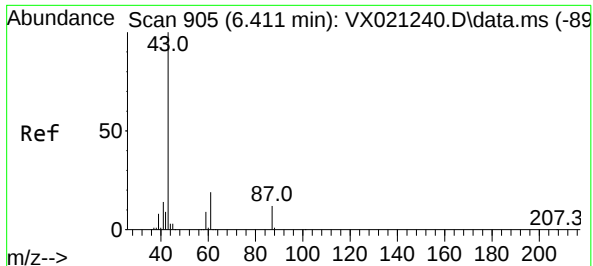
Tgt Ion: 41	Resp: 165705
Ion Ratio	Lower Upper
41	100
39	48.8 42.5 63.7
67	0.0 65.0 97.6#
52	0.3 25.3 37.9#



#42
1,2-Dichloroethane
Concen: 1.14 ug/l
RT: 6.158 min Scan# 862
Delta R.T. -0.001 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 62	Resp: 1808
Ion Ratio	Lower Upper
62	100
98	0.0 0.0 20.2

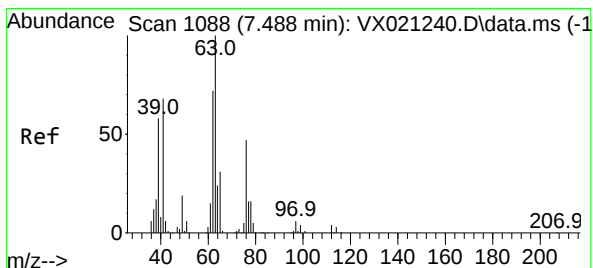
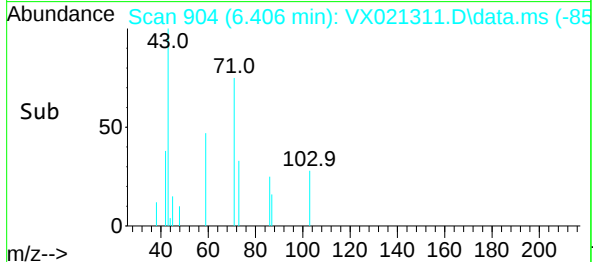
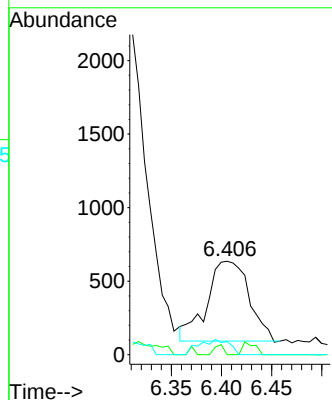
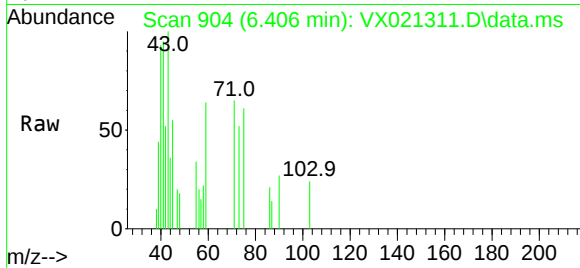




#43
Isopropyl Acetate
Concen: 0.63 ug/l
RT: 6.406 min Scan# 904
Delta R.T. -0.005 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

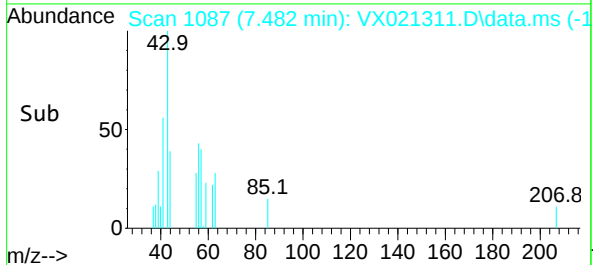
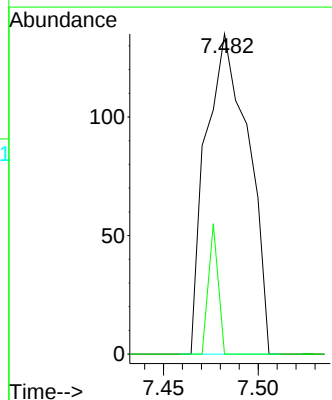
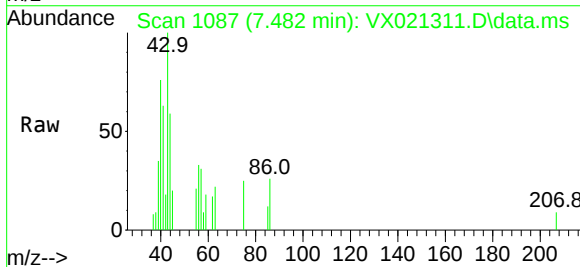
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

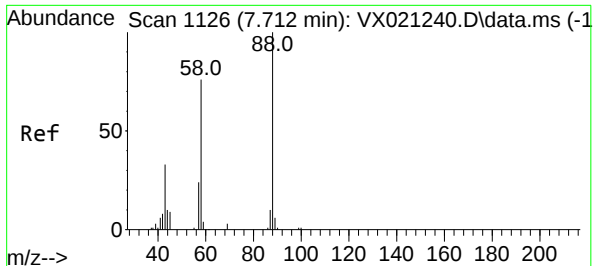
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 13.6 12.5 18.7



#45
1,2-Dichloropropane
Concen: 0.21 ug/l
RT: 7.482 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 63 Resp: 210
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

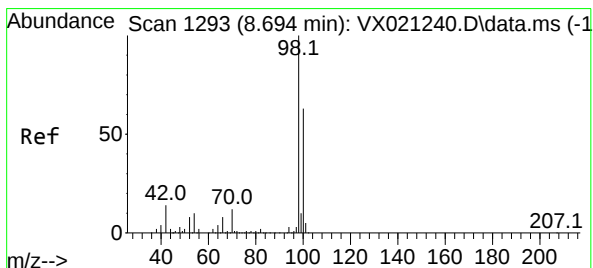
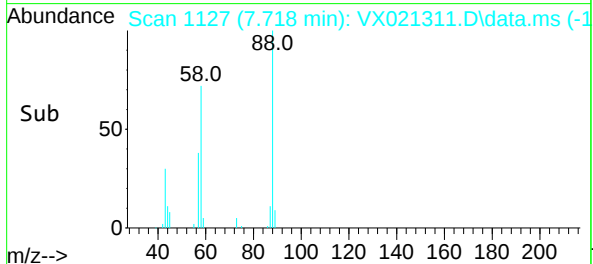
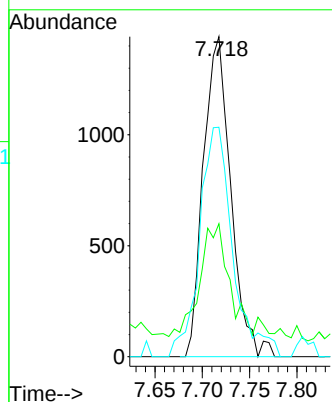
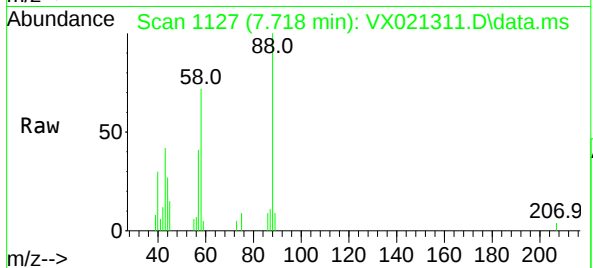




#49
1,4-Dioxane
Concen: 117.17 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

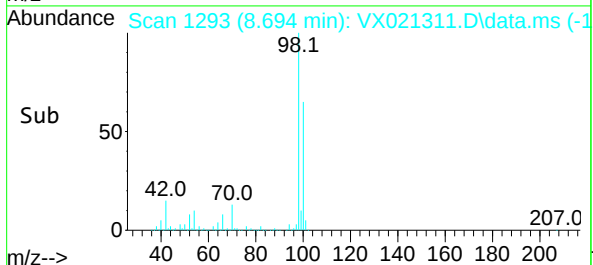
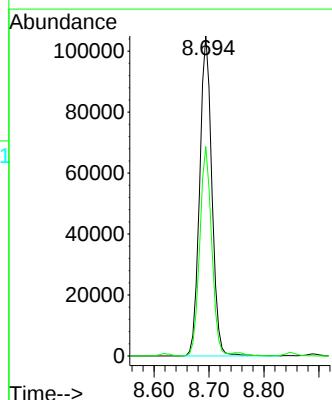
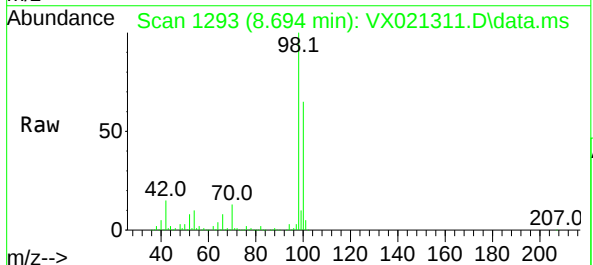
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

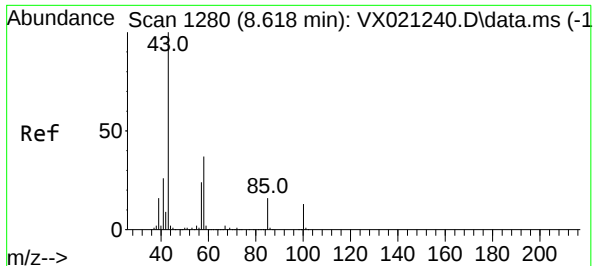
Tgt Ion: 88 Resp: 2904
Ion Ratio Lower Upper
88 100
43 37.1 23.2 34.8#
58 86.3 55.0 82.4#



#50
Toluene-d8
Concen: 49.67 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 98 Resp: 162041
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

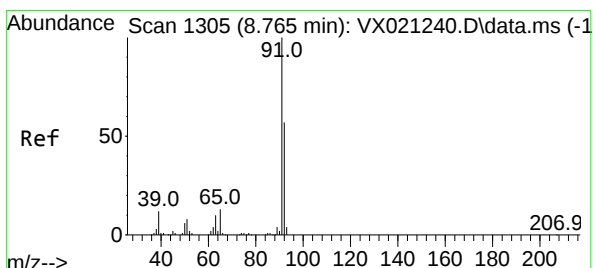
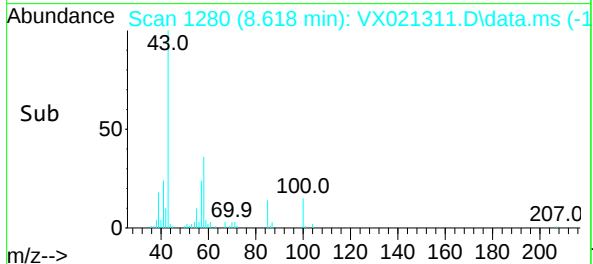
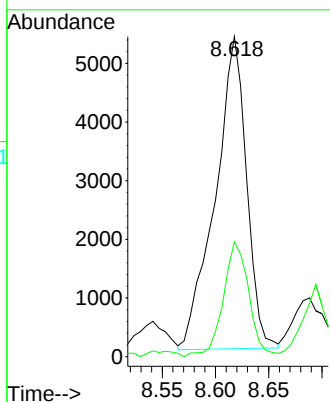
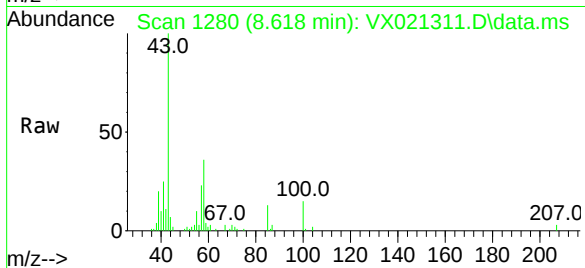




#51
4-Methyl-2-Pentanone
Concen: 7.40 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

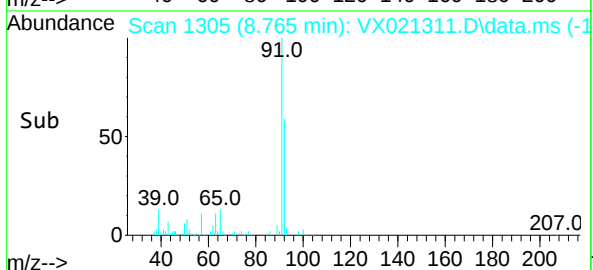
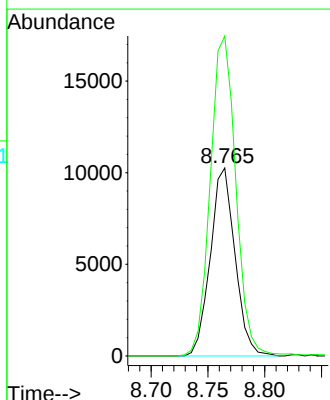
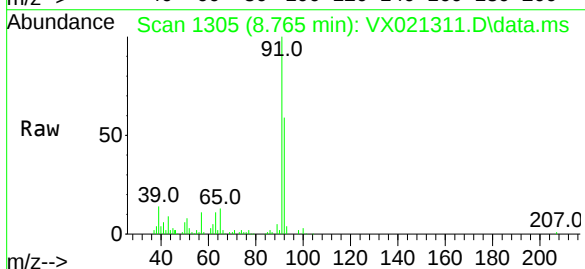
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

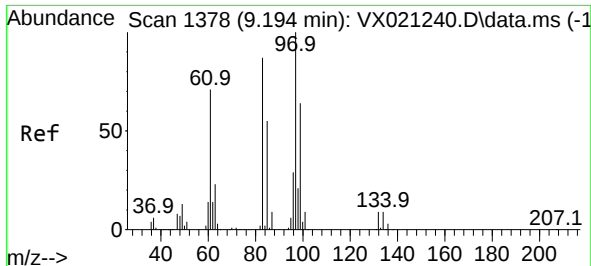
Tgt Ion: 43 Resp: 10897
Ion Ratio Lower Upper
43 100
58 30.0 35.4 53.0#



#52
Toluene
Concen: 6.84 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

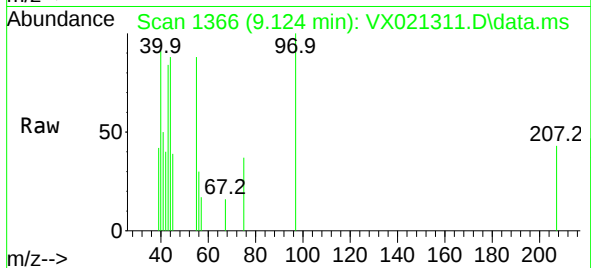
Tgt Ion: 92 Resp: 15524
Ion Ratio Lower Upper
92 100
91 176.3 137.1 205.7



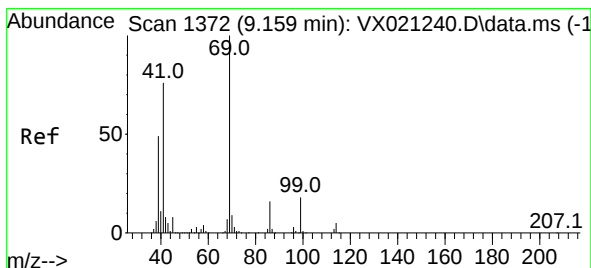
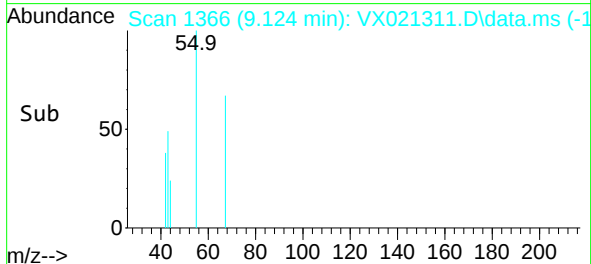
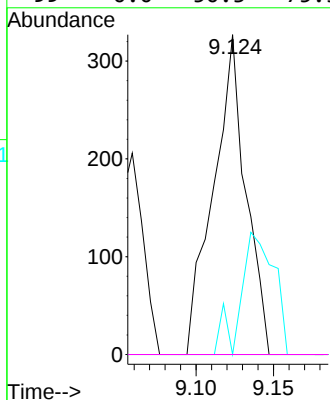


#55
1,1,2-Trichloroethane
Concen: 0.51 ug/l
RT: 9.124 min Scan# 1366
Delta R.T. -0.070 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

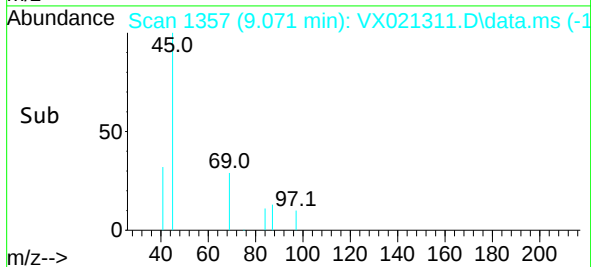
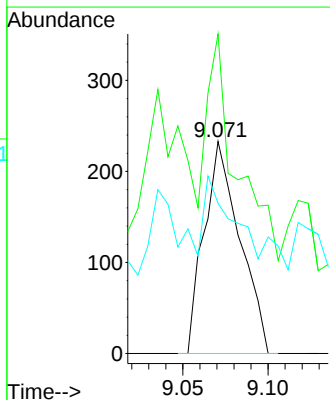
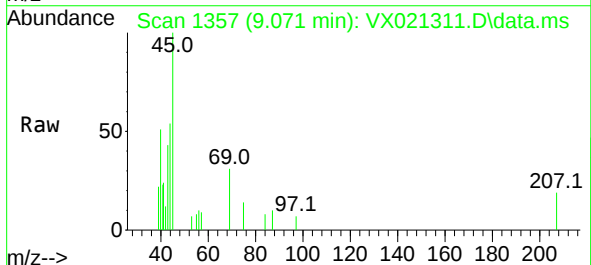


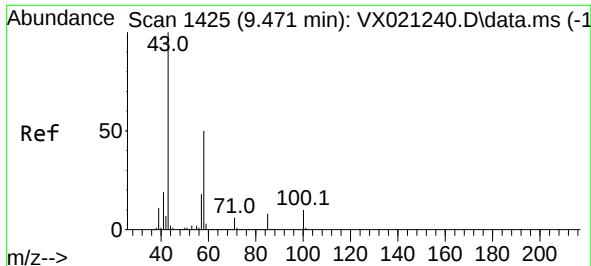
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.3	103.9#
85	0.0	44.3	66.5#
99	0.0	50.3	75.5#



#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 9.071 min Scan# 1357
Delta R.T. -0.088 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	46.8	70.2#
39	0.0	24.7	37.1#

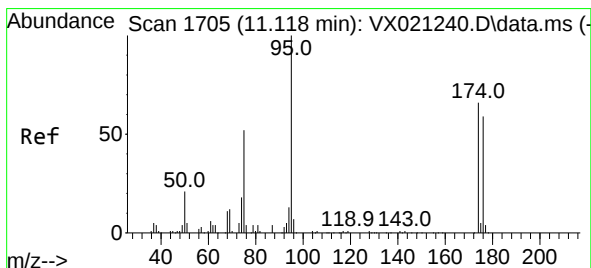
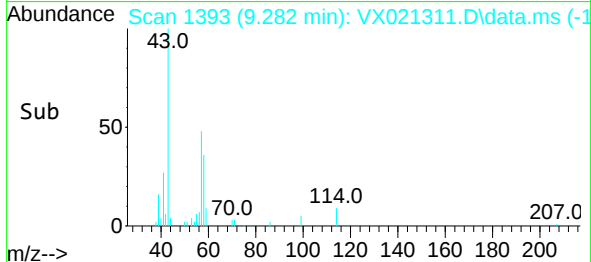
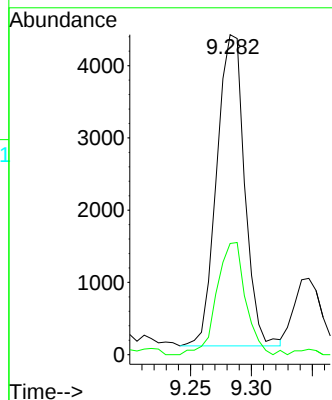
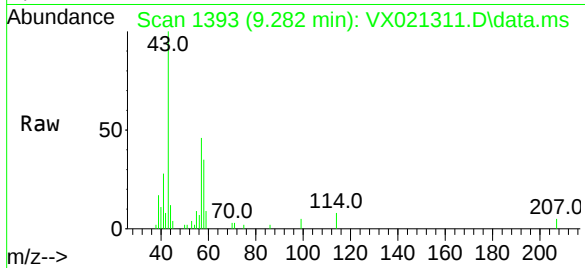




#59
2-Hexanone
Concen: 6.24 ug/l
RT: 9.282 min Scan# 1393
Delta R.T. -0.189 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

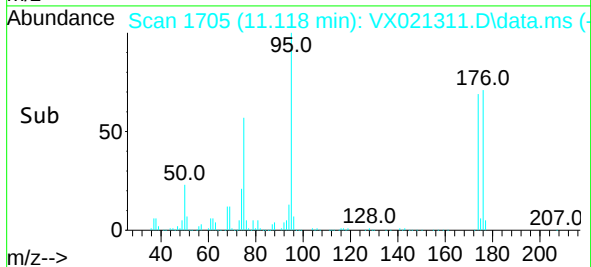
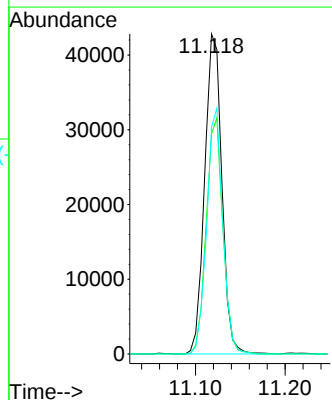
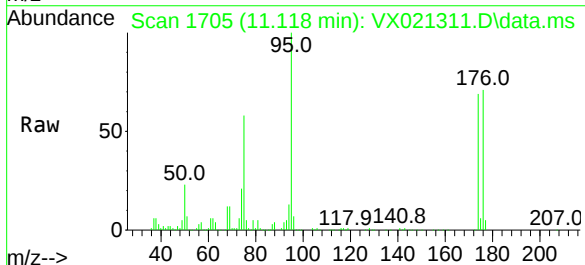
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

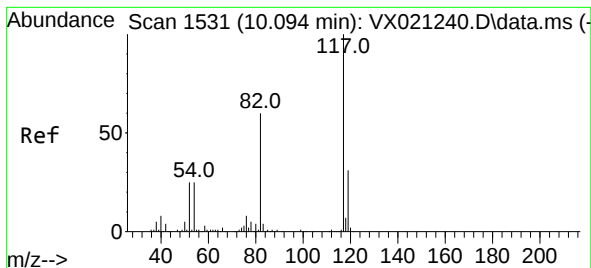
Tgt Ion: 43 Resp: 6871
Ion Ratio Lower Upper
43 100
58 36.9 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 95 Resp: 56875
Ion Ratio Lower Upper
95 100
174 71.6 0.0 154.6
176 71.7 0.0 155.8

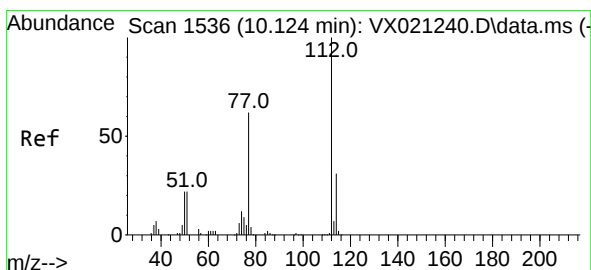
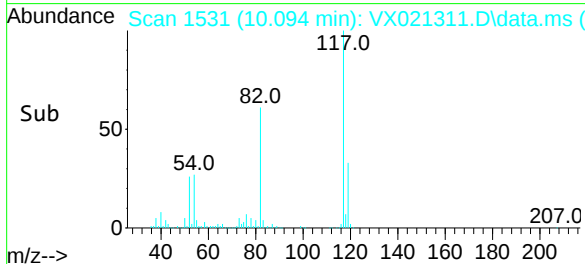
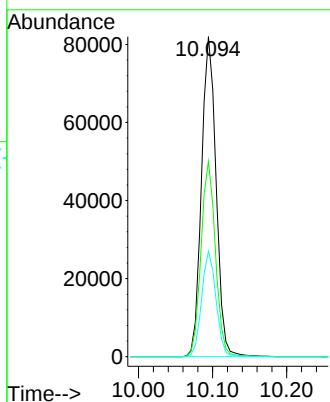
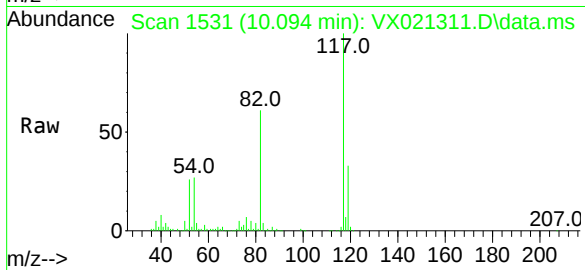




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

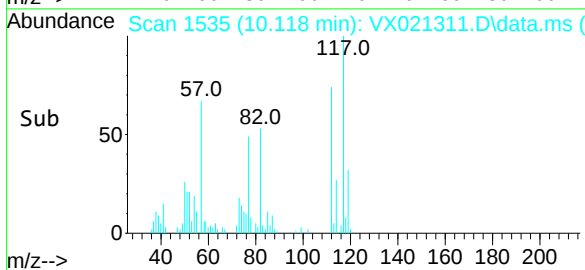
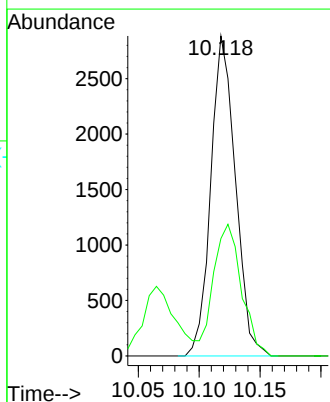
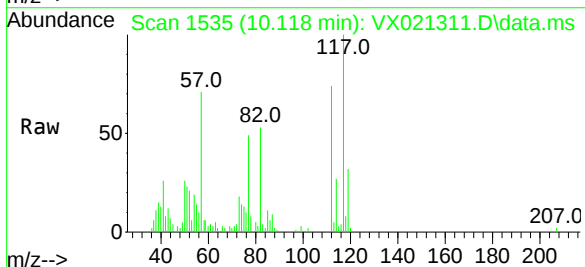
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

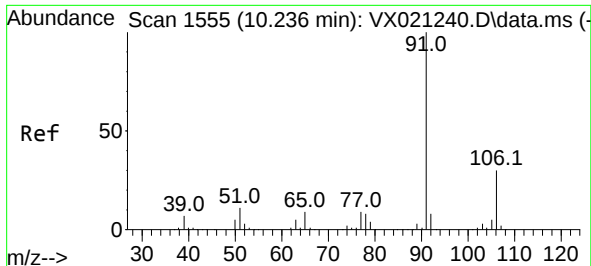
Tgt Ion:117 Resp: 112349
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 33.0 26.6 39.8



#65
Chlorobenzene
Concen: 1.76 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:112 Resp: 4065
Ion Ratio Lower Upper
112 100
114 36.7 25.8 38.6

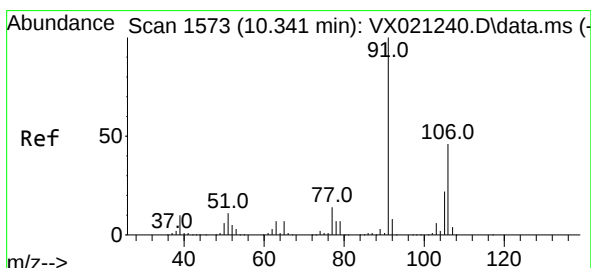
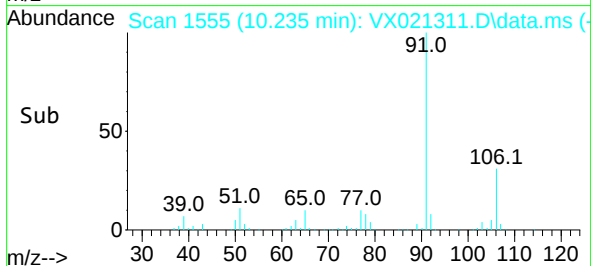
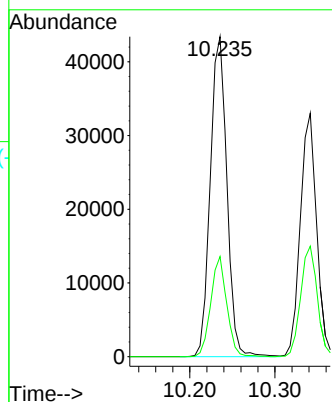
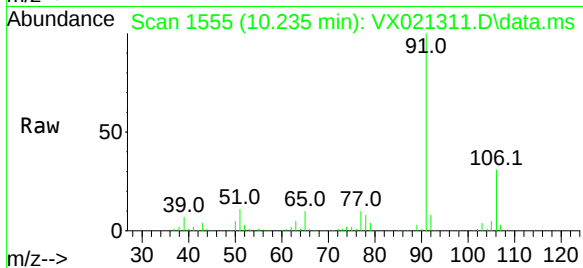




#67
Ethyl Benzene
Concen: 13.79 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

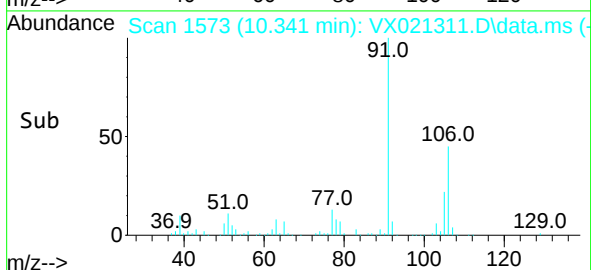
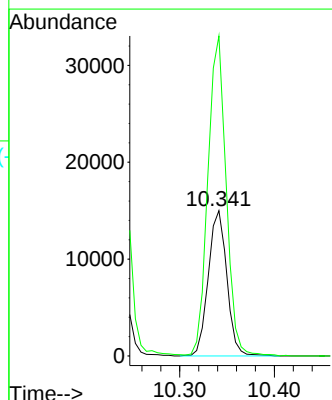
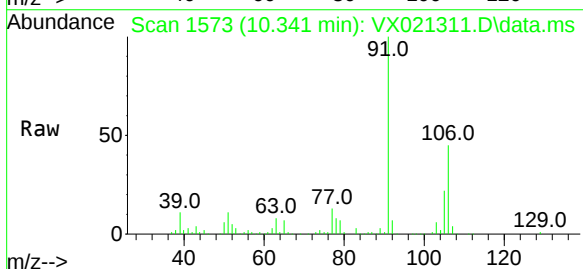
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

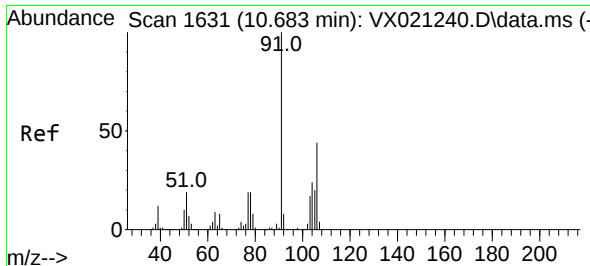
Tgt Ion: 91 Resp: 58898
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 13.39 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:106 Resp: 20431
Ion Ratio Lower Upper
106 100
91 216.8 162.8 244.2

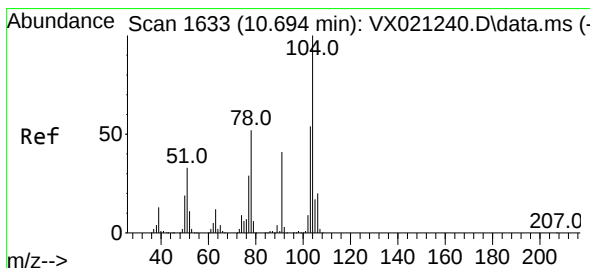
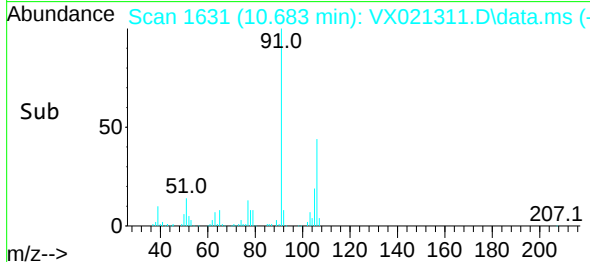
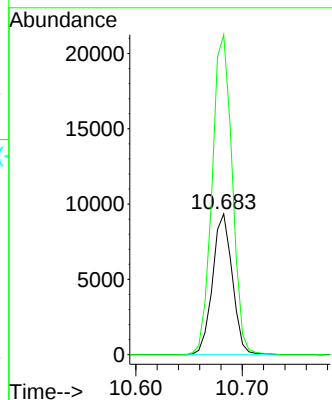
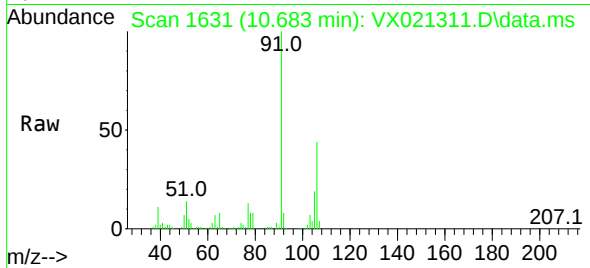




#69
o-Xylene
Concen: 8.10 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

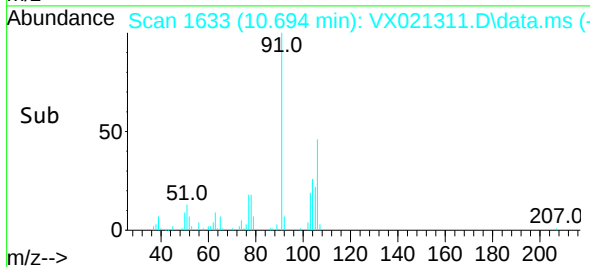
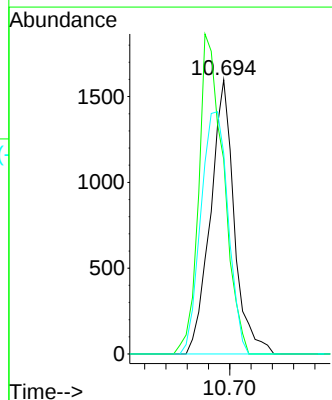
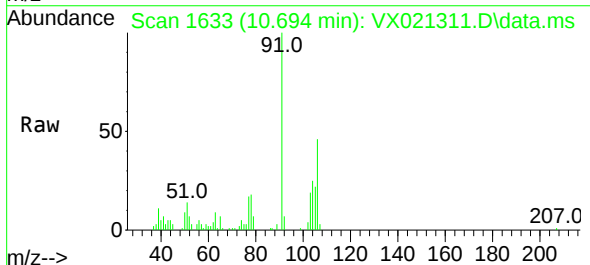
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

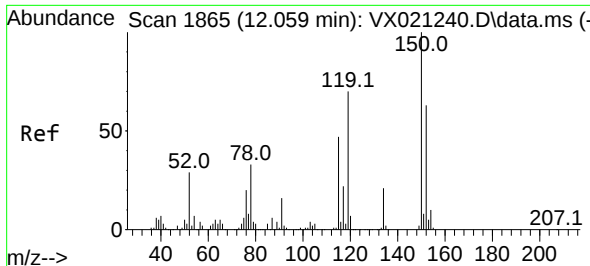
Tgt Ion:106 Resp: 12014
Ion Ratio Lower Upper
106 100
91 231.5 108.1 324.2



#70
Styrene
Concen: 0.99 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:104 Resp: 2473
Ion Ratio Lower Upper
104 100
78 121.2 40.0 60.0#
103 101.6 43.4 65.0#

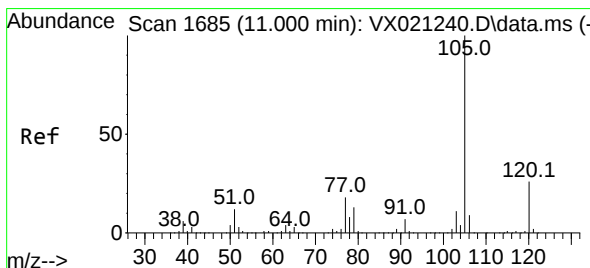
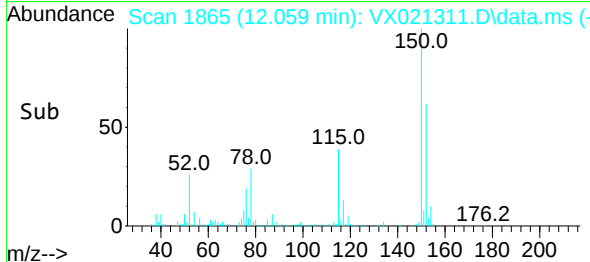
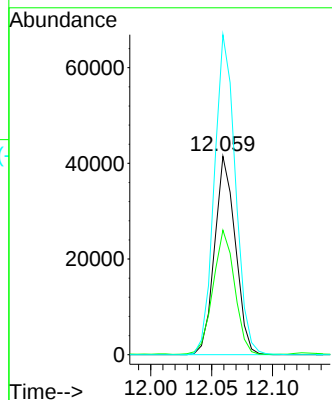
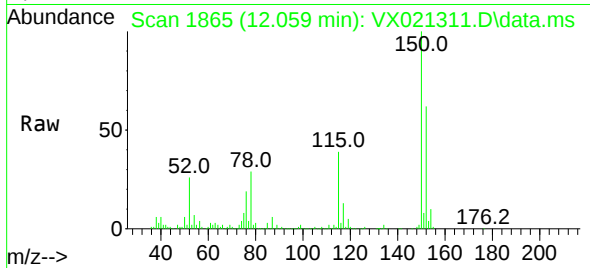




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

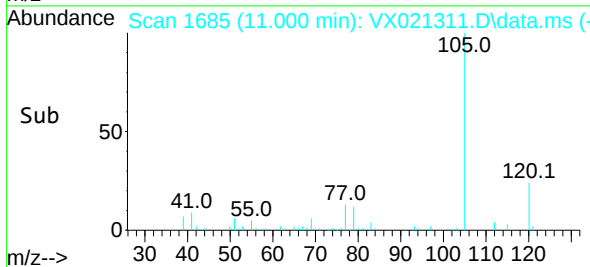
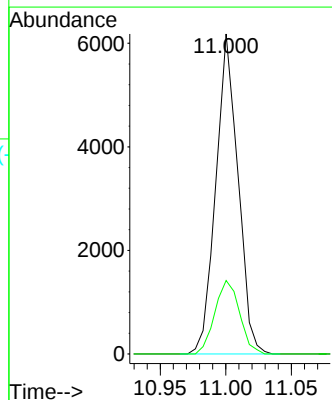
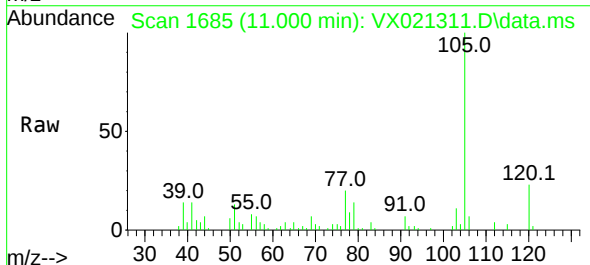
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

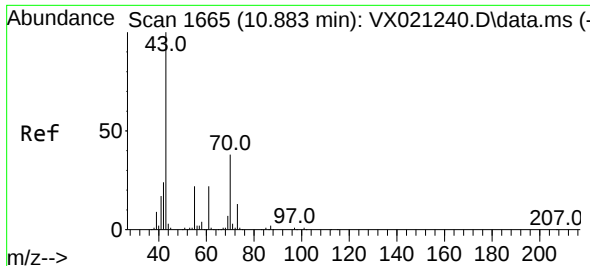
Tgt Ion:152 Resp: 49185
Ion Ratio Lower Upper
152 100
115 65.2 41.1 123.3
150 163.9 0.0 349.0



#73
Isopropylbenzene
Concen: 1.98 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:105 Resp: 7250
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6

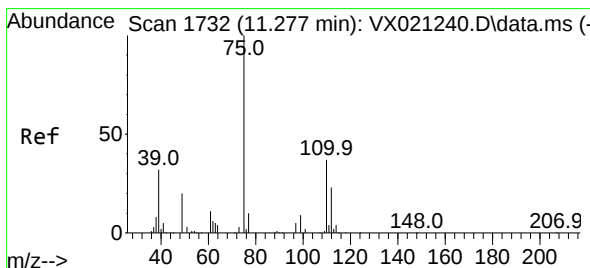
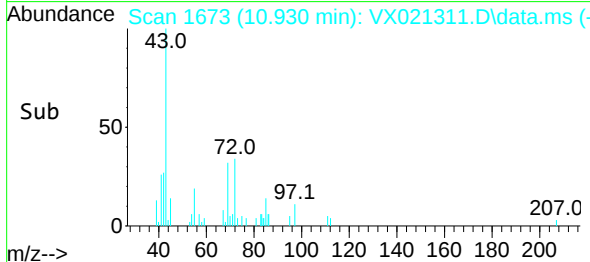
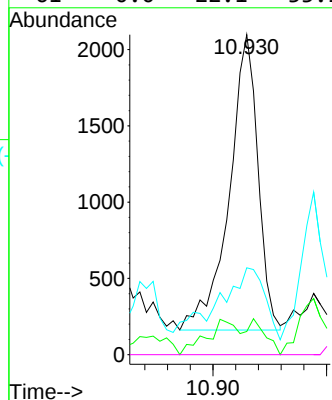
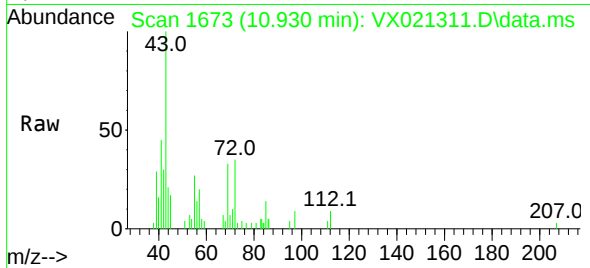




#74
N-amy1 acetate
Concen: 1.84 ug/l
RT: 10.930 min Scan# 1673
Delta R.T. 0.047 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

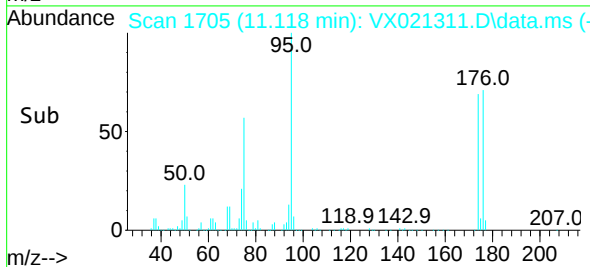
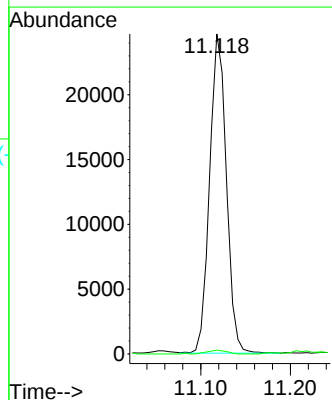
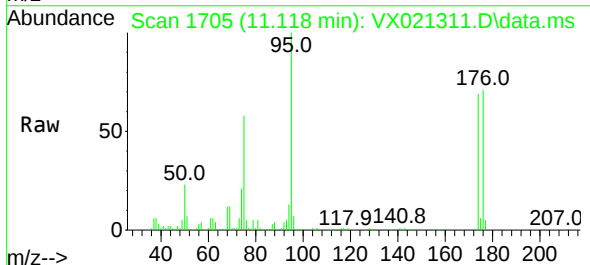
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

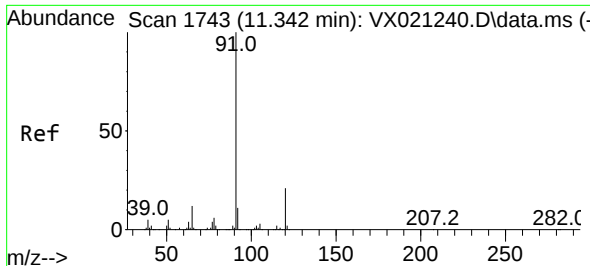
Tgt Ion: 43	Resp: 3407
Ion Ratio	Lower Upper
43	100
70	7.9 39.0 58.6#
55	39.9 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 75	Resp: 31957
Ion Ratio	Lower Upper
75	100
77	1.3 19.1 57.5#

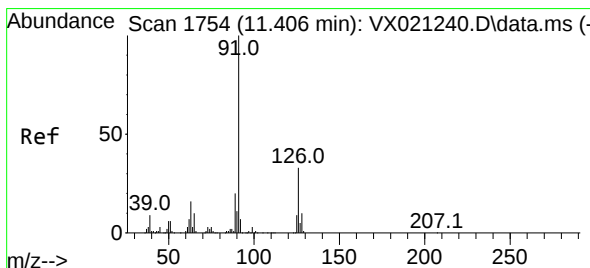
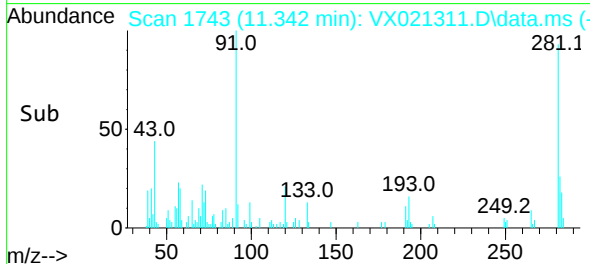
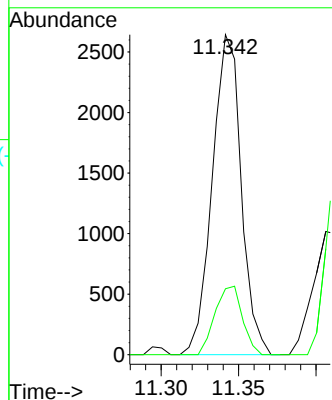
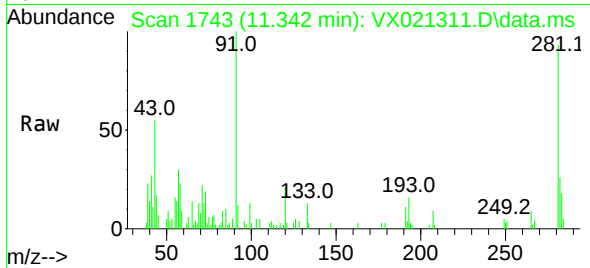




#78
n-propylbenzene
Concen: 0.80 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

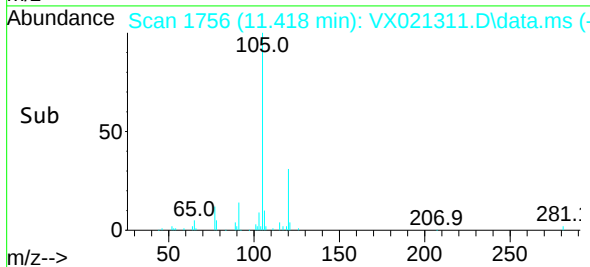
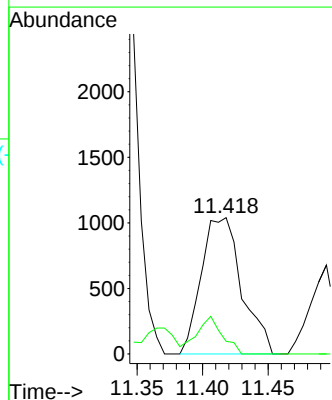
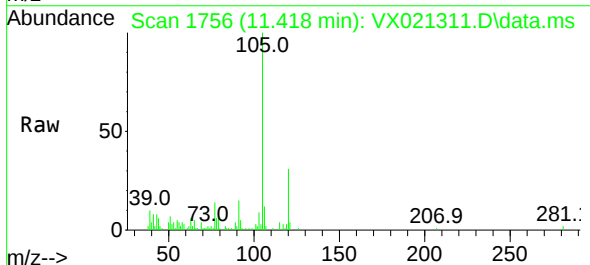
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

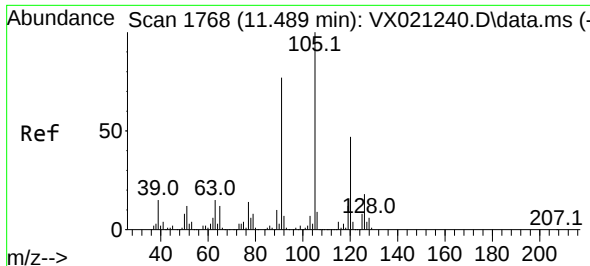
Tgt Ion: 91 Resp: 3427
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.86 ug/l
RT: 11.418 min Scan# 1756
Delta R.T. 0.012 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 91 Resp: 2232
Ion Ratio Lower Upper
91 100
126 17.5 16.6 49.8

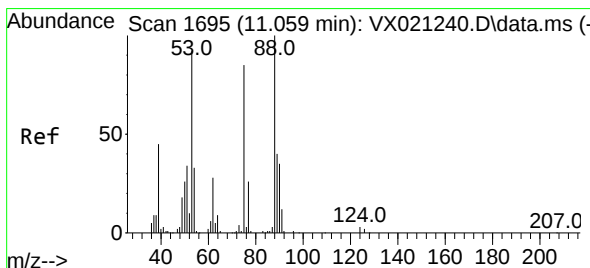
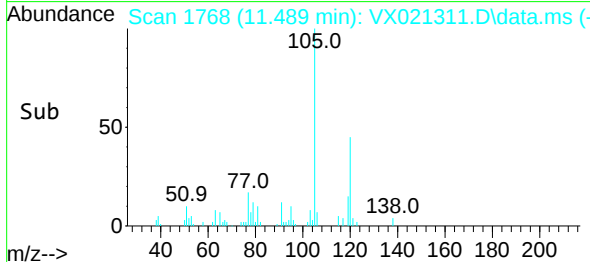
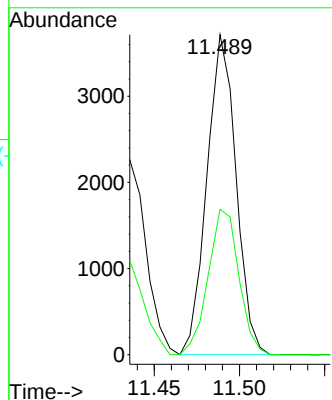
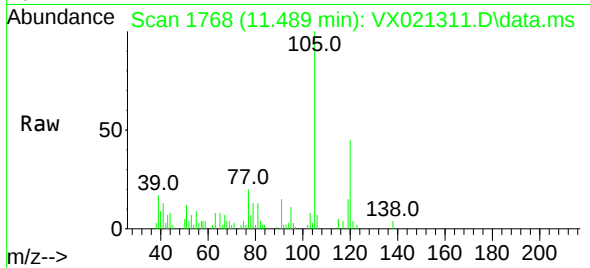




#80
1,3,5-Trimethylbenzene
Concen: 1.43 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

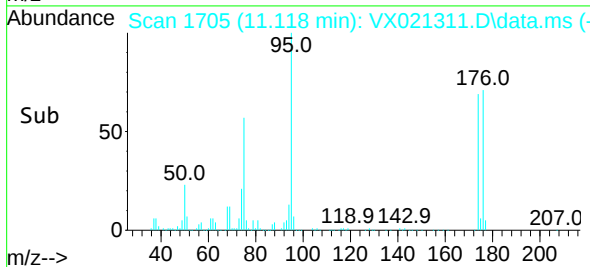
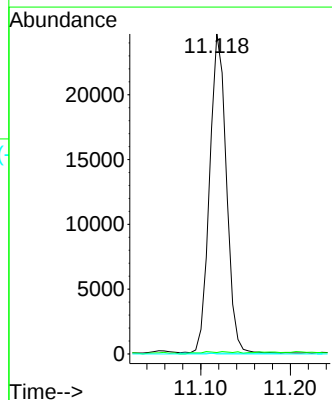
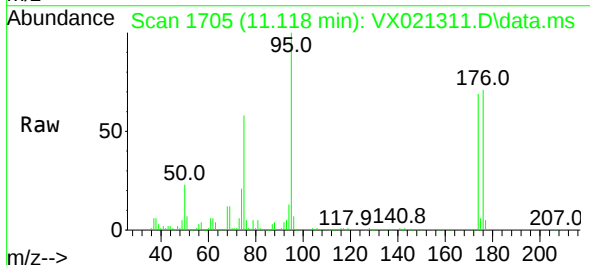
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

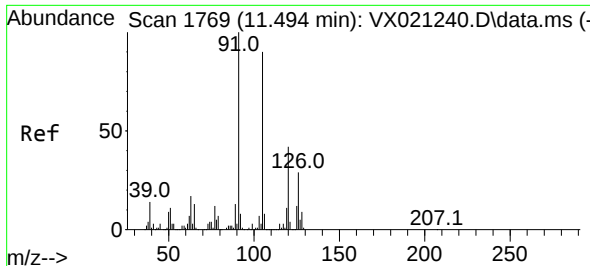
Tgt Ion:105 Resp: 4417
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 76.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 75 Resp: 31957
Ion Ratio Lower Upper
75 100
53 0.4 74.5 111.7#
89 0.1 37.9 56.9#

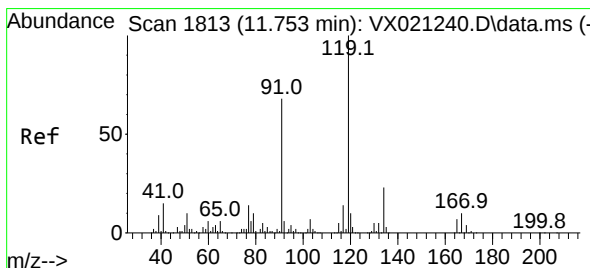
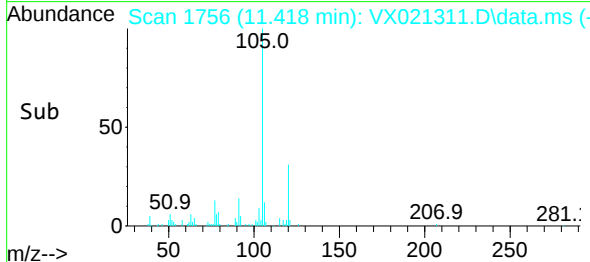
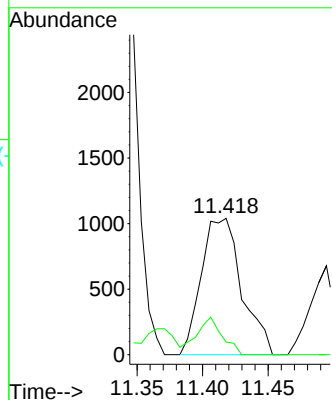
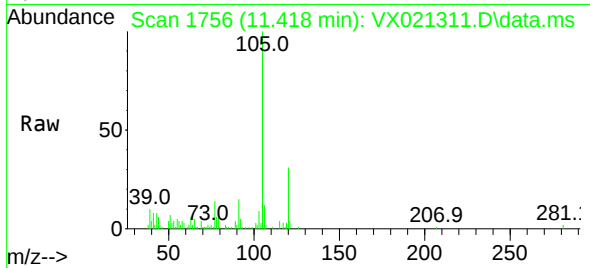




#82
4-Chlorotoluene
Concen: 0.73 ug/l
RT: 11.418 min Scan# 1756
Delta R.T. -0.076 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

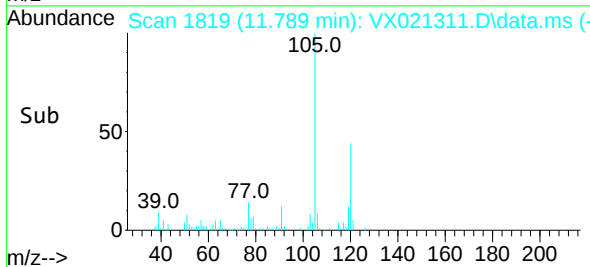
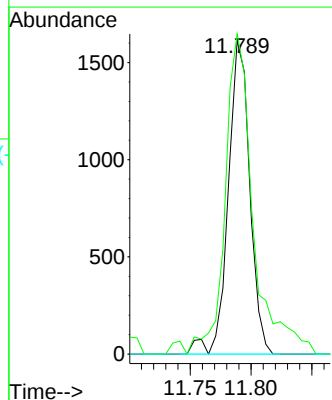
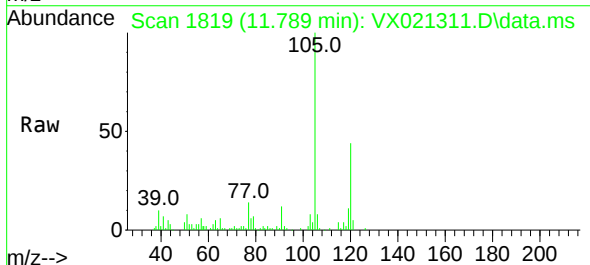
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

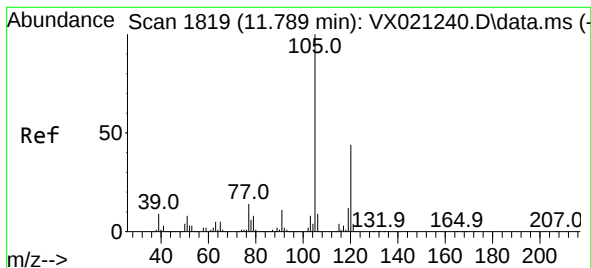
Tgt Ion: 91 Resp: 2232
Ion Ratio Lower Upper
91 100
126 17.5 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.67 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.036 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 119 Resp: 1982
Ion Ratio Lower Upper
119 100
91 133.1 27.9 83.7#
134 0.0 11.3 33.9#

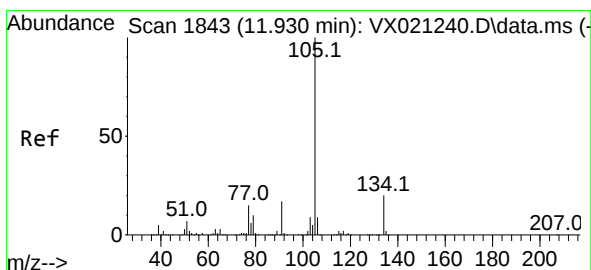
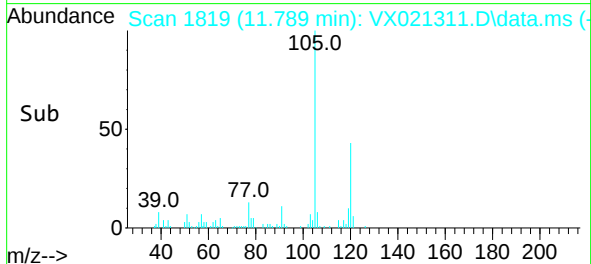
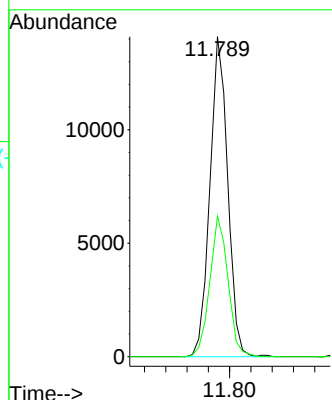
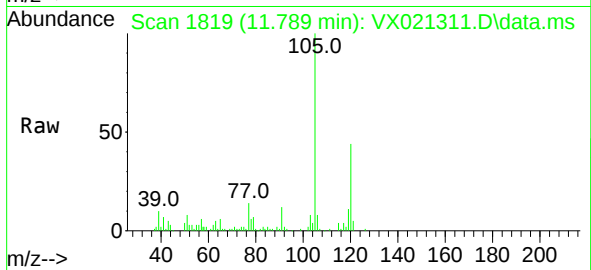




#84
1,2,4-Trimethylbenzene
Concen: 5.20 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

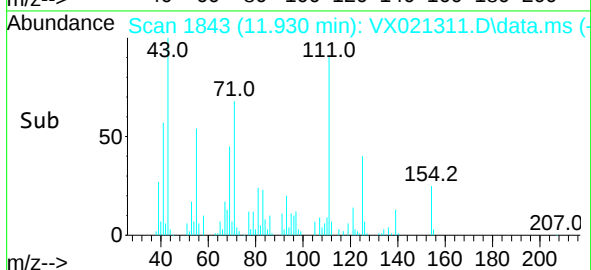
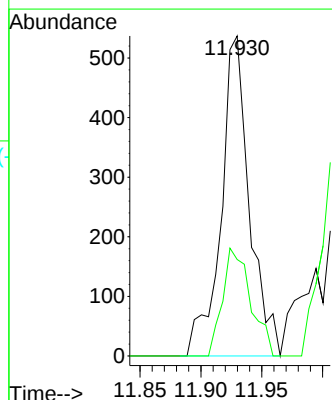
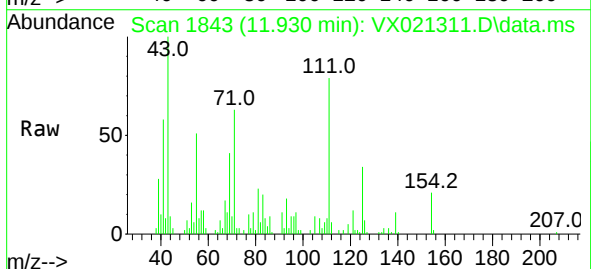
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

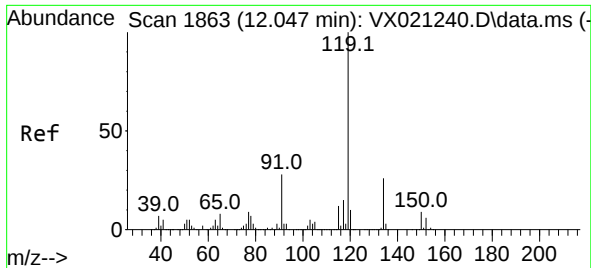
Tgt Ion:105 Resp: 16334
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.25 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:105 Resp: 872
Ion Ratio Lower Upper
105 100
134 33.4 10.0 29.8#

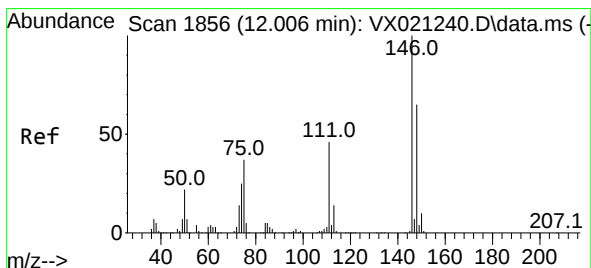
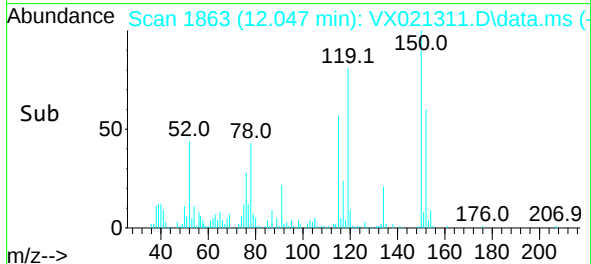
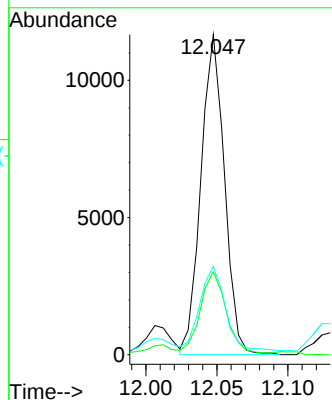
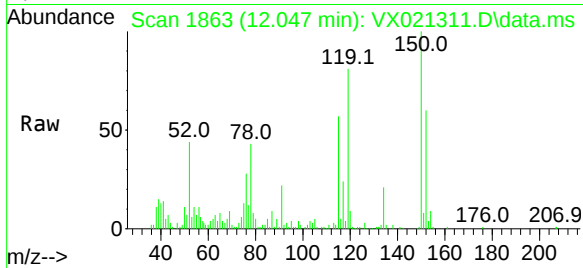




#86
p-Isopropyltoluene
Concen: 4.23 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

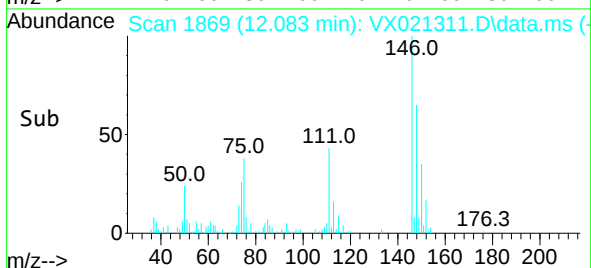
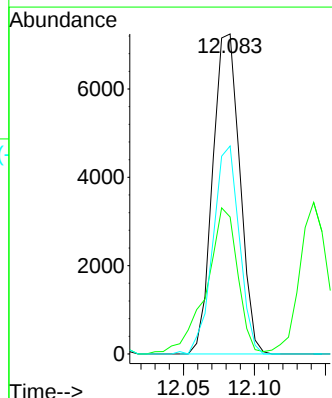
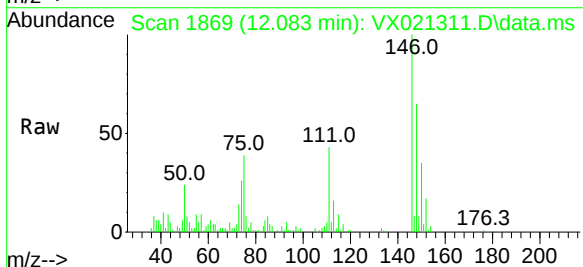
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

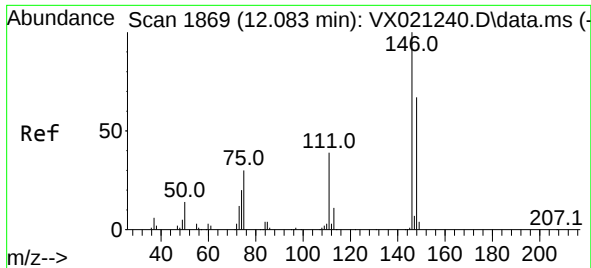
Tgt Ion:	119	Resp:	13440
Ion	Ratio	Lower	Upper
119	100		
134	29.0	12.9	38.7
91	31.5	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 6.08 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.077 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:	146	Resp:	9610
Ion	Ratio	Lower	Upper
146	100		
111	52.9	20.2	60.5
148	63.4	31.9	95.7

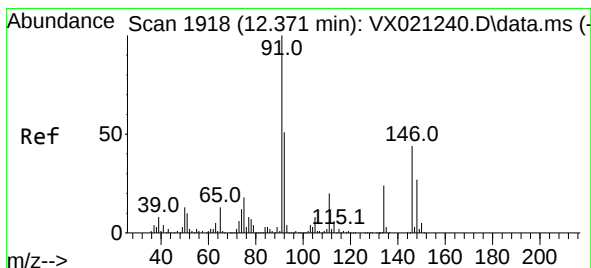
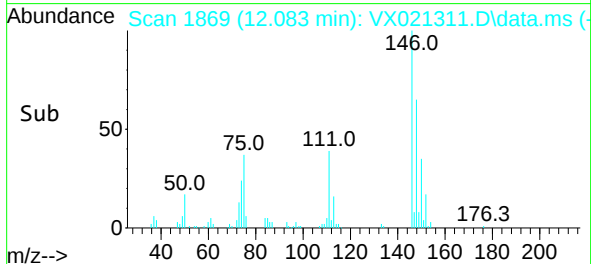
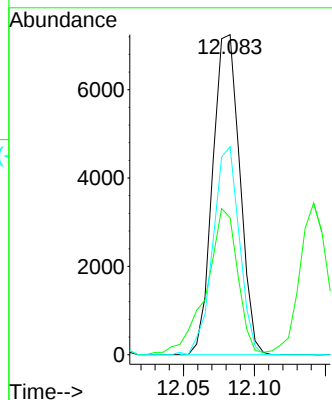
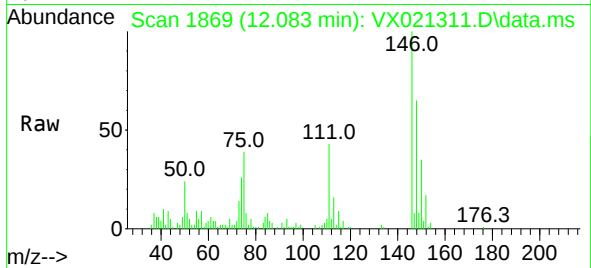




#88
1,4-Dichlorobenzene
Concen: 5.94 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

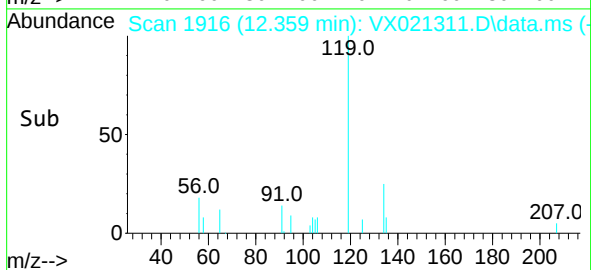
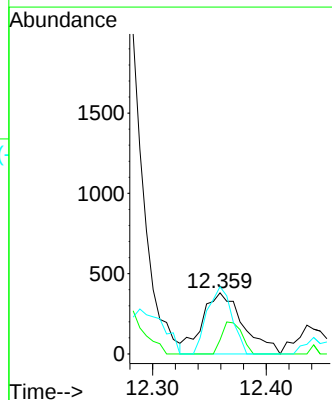
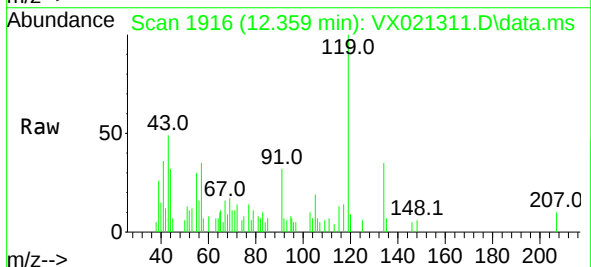
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

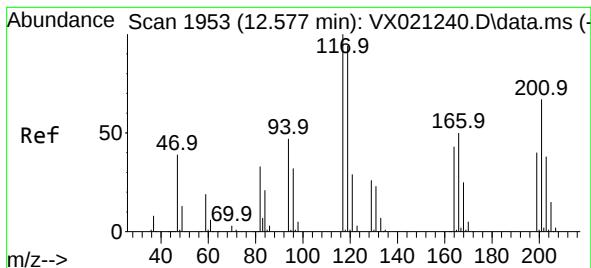
Tgt Ion:146 Resp: 9610
Ion Ratio Lower Upper
146 100
111 52.9 19.6 58.8
148 63.4 31.6 95.0



#89
n-Butylbenzene
Concen: 0.33 ug/l
RT: 12.359 min Scan# 1916
Delta R.T. -0.012 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion: 91 Resp: 949
Ion Ratio Lower Upper
91 100
92 25.6 27.4 82.0#
134 66.6 13.2 39.5#

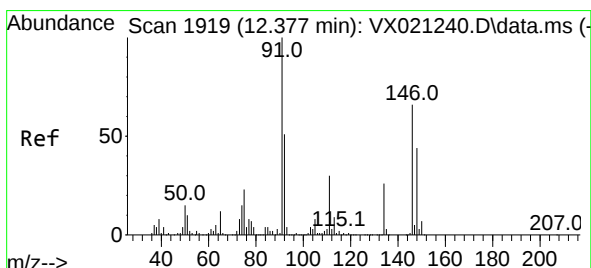
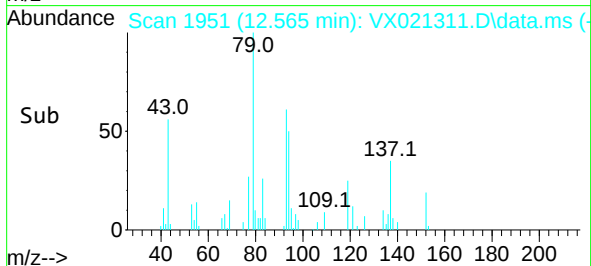
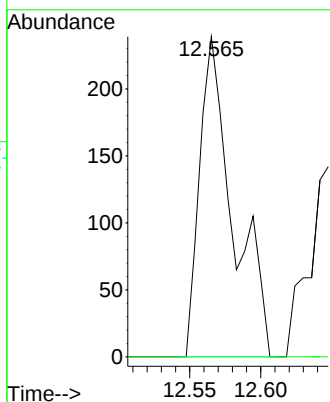
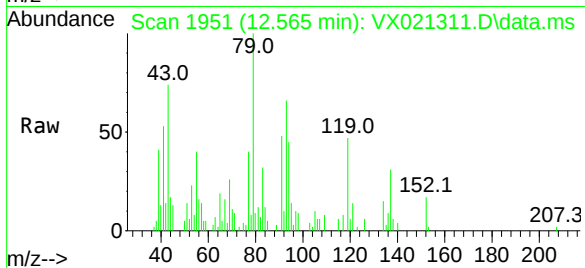




#90
Hexachloroethane
Concen: 0.81 ug/l
RT: 12.565 min Scan# 1951
Delta R.T. -0.012 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

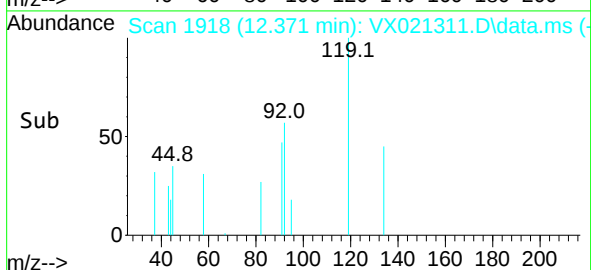
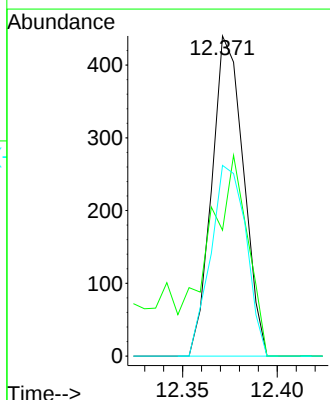
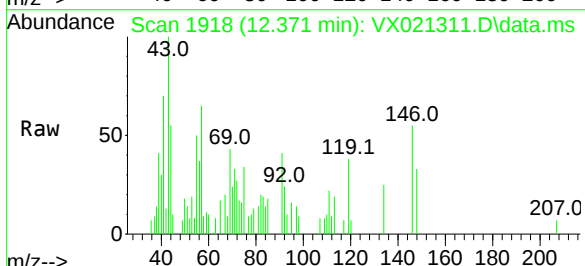
Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

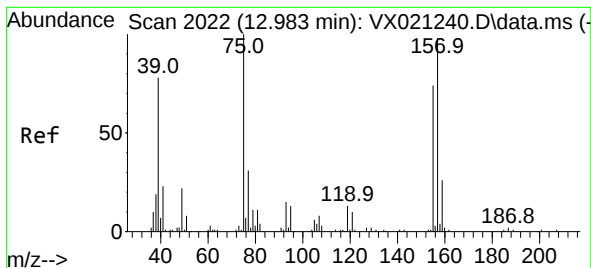
Tgt Ion:117 Resp: 392
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#91
1,2-Dichlorobenzene
Concen: 0.33 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:146 Resp: 511
Ion Ratio Lower Upper
146 100
111 77.3 20.8 62.2#
148 66.3 31.9 95.5

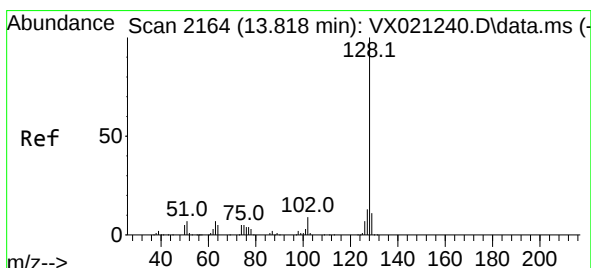
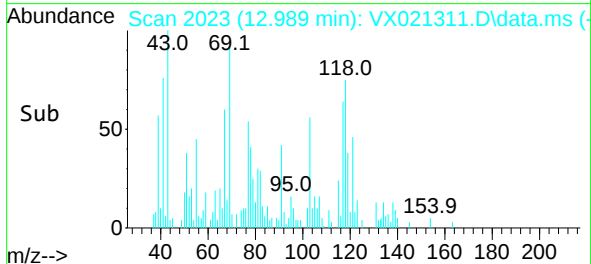
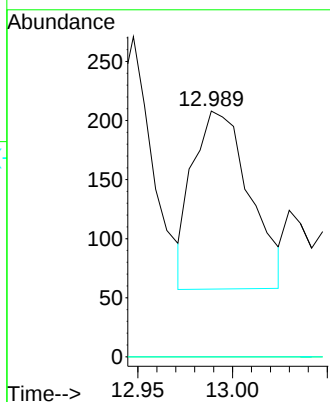
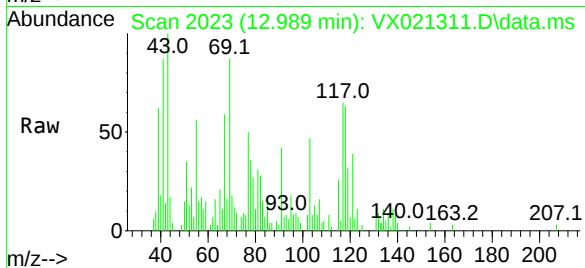




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.01 ug/l
RT: 12.989 min Scan# 2023
Delta R.T. 0.006 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampleId :
210317059-01-VOA

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 58.77 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021311.D
Acq: 19 Mar 2021 18:47

Tgt Ion:128 Resp: 205043
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

