

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021640.D
 Acq On : 30 Mar 2021 19:13
 Operator : JC/MD
 Sample : M1843-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20210324

Quant Time: Mar 31 05:01:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

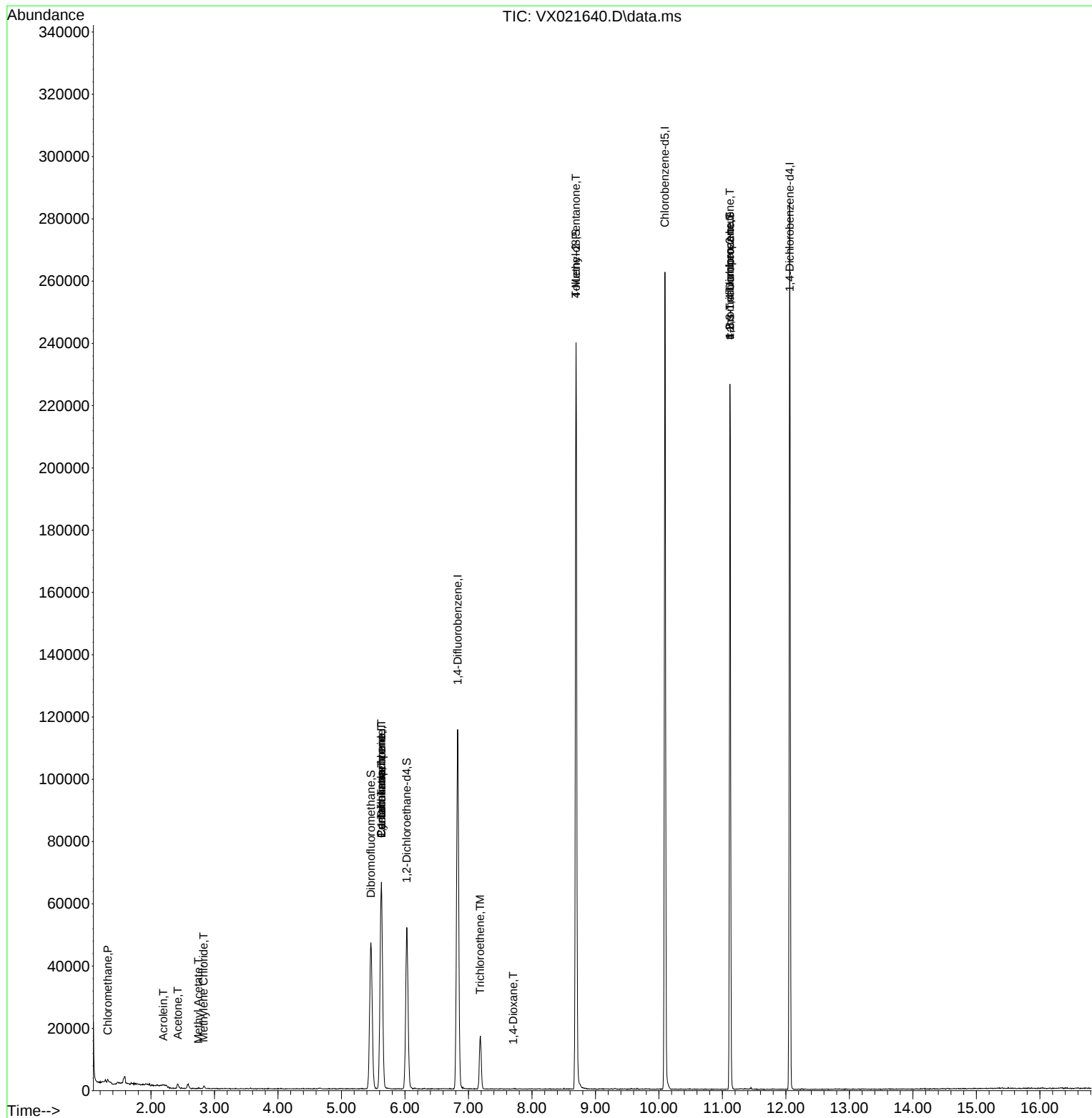
Internal Standards						
1) Pentafluorobenzene	5.629	168	56392	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	107084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50789	54.13	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.26%	
35) Dibromofluoromethane	5.464	113	39110	51.42	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.84%	
50) Toluene-d8	8.694	98	137160	50.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.20%	
62) 4-Bromofluorobenzene	11.118	95	57058	54.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.28%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1466	2.10	ug/l	96
13) Acrolein	2.193	56	42	4.83	ug/l	# 81
16) Acetone	2.423	43	1388	3.91	ug/l	98
18) Methyl Acetate	2.746	43	225	0.22	ug/l	# 47
20) Methylene Chloride	2.829	84	284	0.41	ug/l	# 79
31) Cyclohexane	5.629	56	1674	1.62	ug/l	# 40
36) 1,1-Dichloropropene	5.629	75	5398	5.14	ug/l	# 48
38) Carbon Tetrachloride	5.629	117	6569	5.83	ug/l	# 17
44) Trichloroethene	7.182	130	6245	7.94	ug/l	86
49) 1,4-Dioxane	7.706	88	42	2.23	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.694	43	792	0.65	ug/l	# 1
76) 1,2,3-Trichloropropane	11.118	75	31905	26.47	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.118	75	31905	80.63	ug/l	# 12

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

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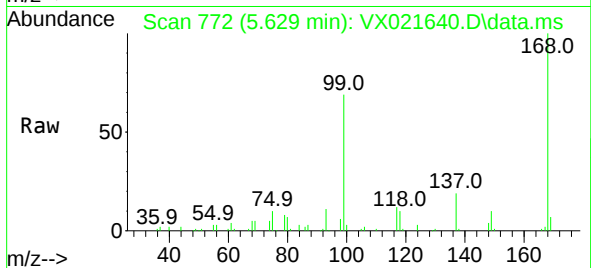
Quant Time: Mar 31 05:01:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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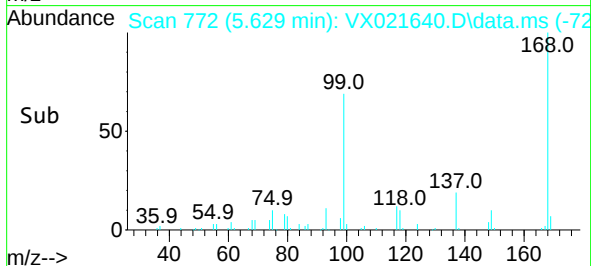
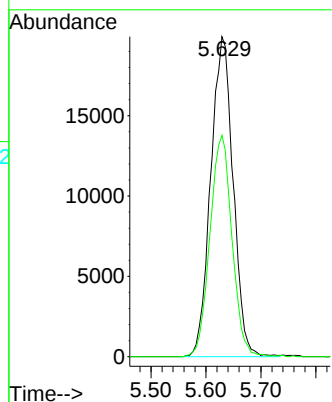


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

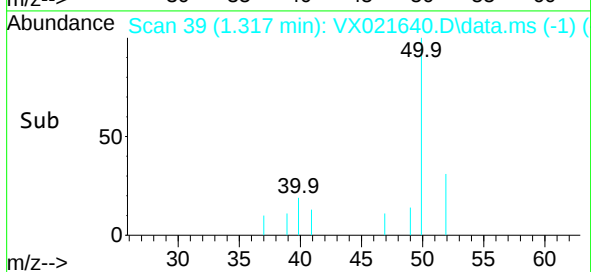
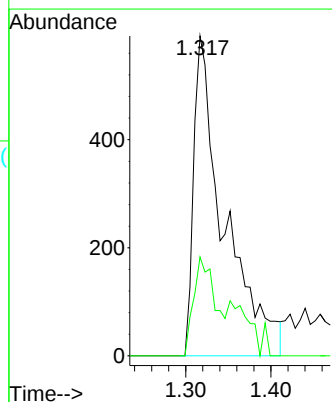
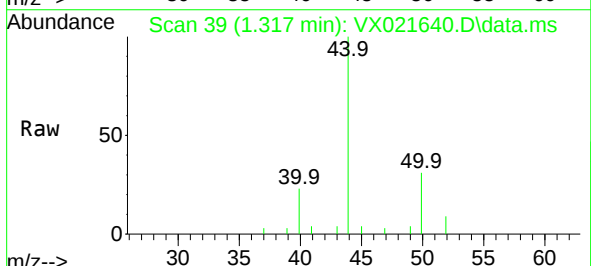


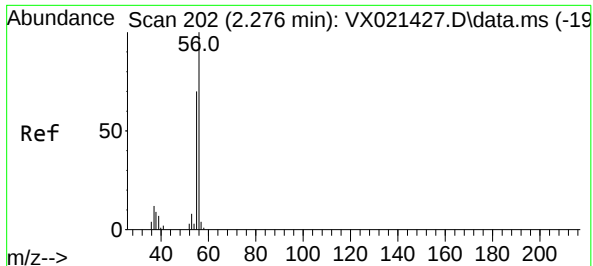
Tgt Ion:168 Resp: 56392
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#3
Chloromethane
Concen: 2.10 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion: 50 Resp: 1466
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

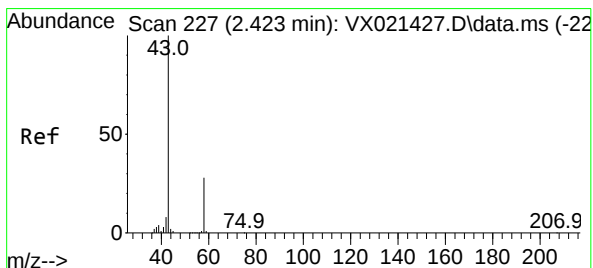
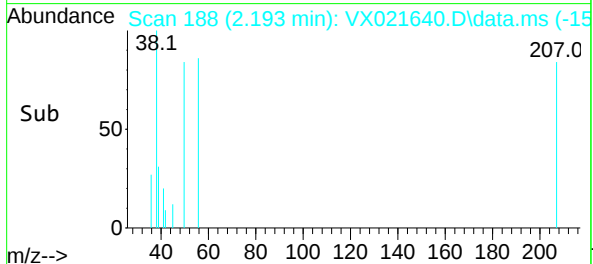
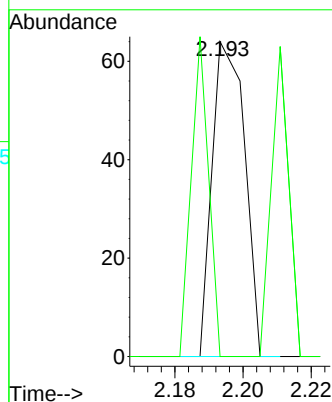
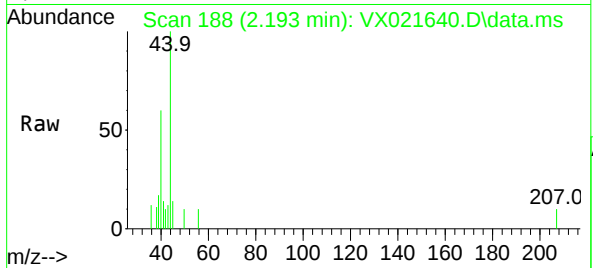




#13
Acrolein
Concen: 4.83 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

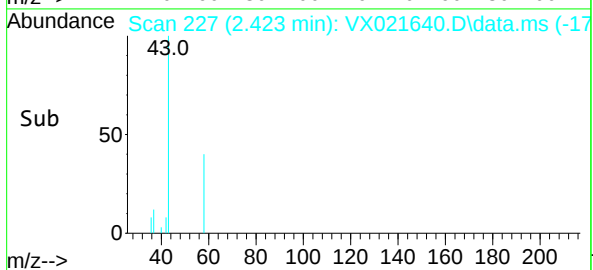
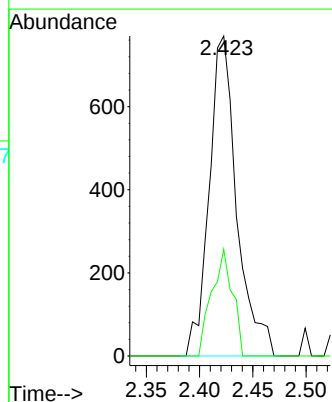
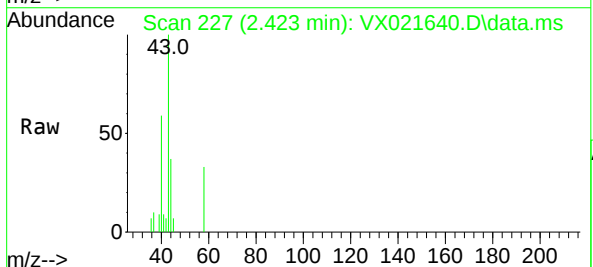
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

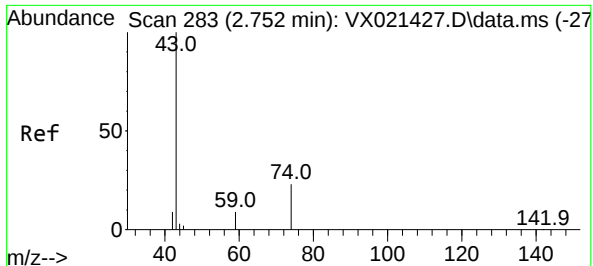
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 54.8 56.4 84.6#



#16
Acetone
Concen: 3.91 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8

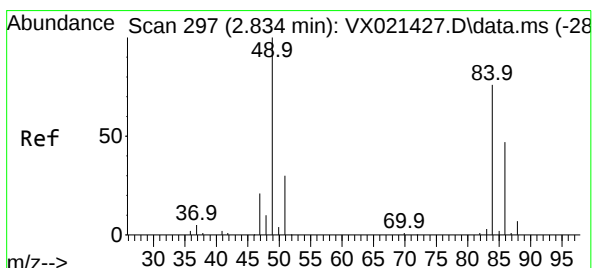
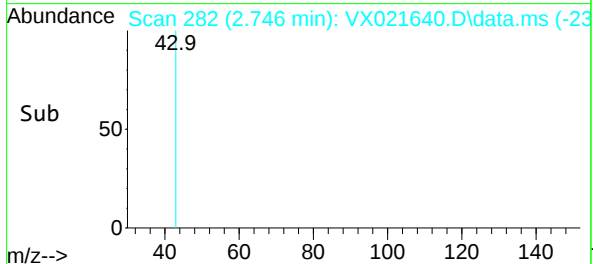
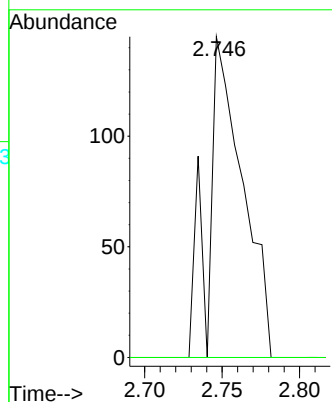
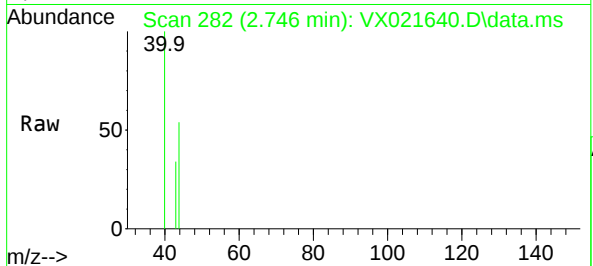




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

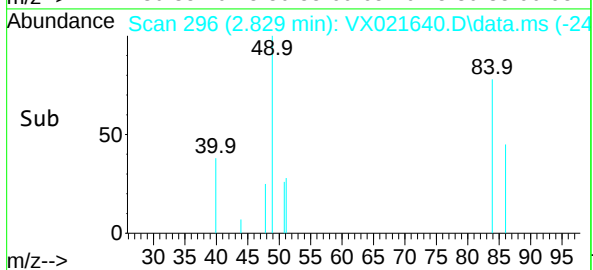
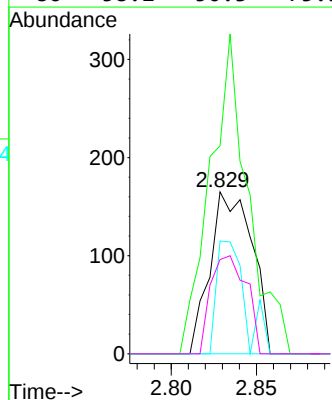
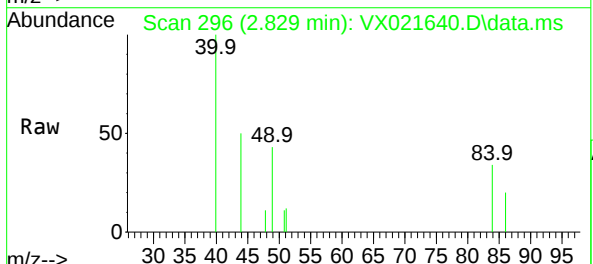
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

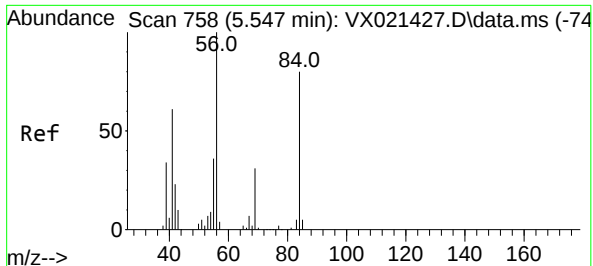
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

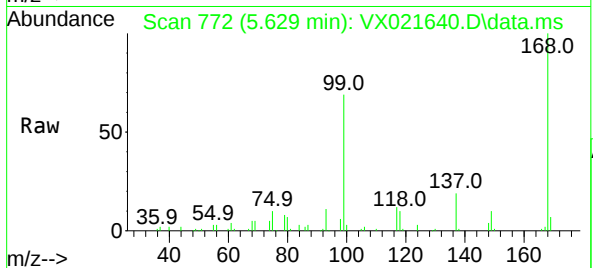
Tgt Ion: 84 Resp: 284
Ion Ratio Lower Upper
84 100
49 128.5 88.6 132.8
51 69.7 27.0 40.6#
86 58.2 50.3 75.5



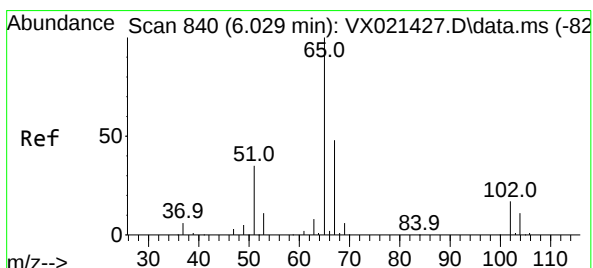
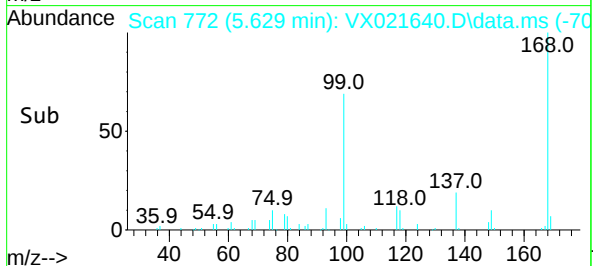
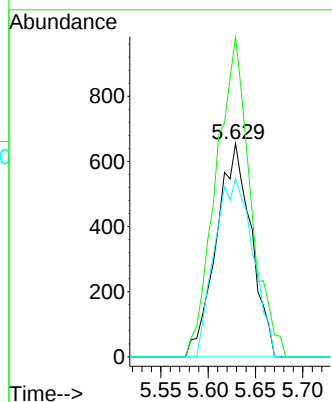


#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

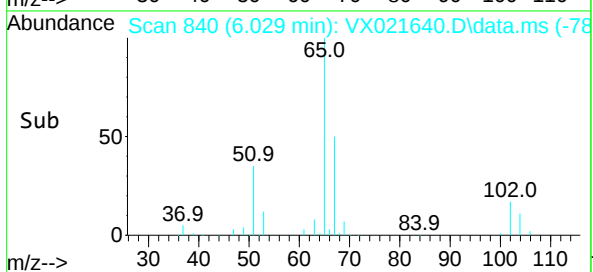
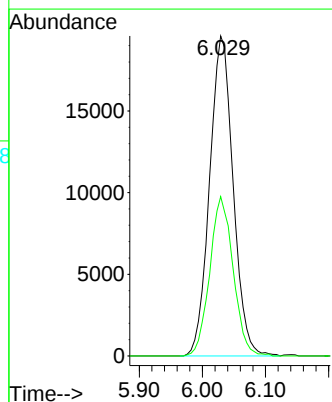
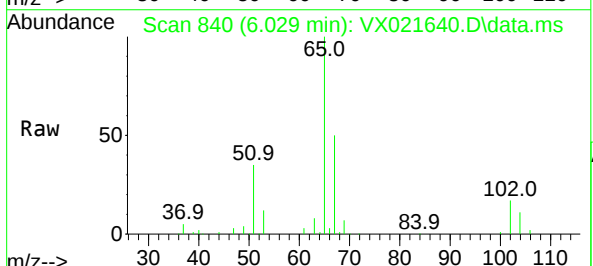


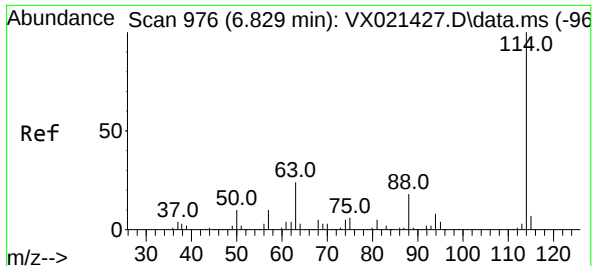
Tgt Ion: 56 Resp: 1674
Ion Ratio Lower Upper
56 100
69 150.1 25.3 37.9#
84 83.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.13 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion: 65 Resp: 50789
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

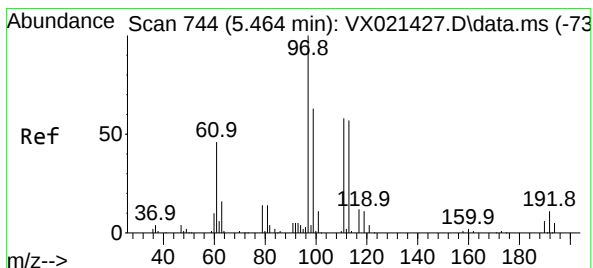
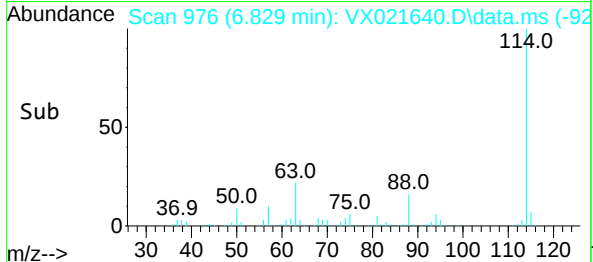
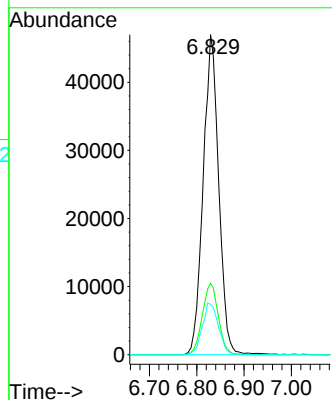
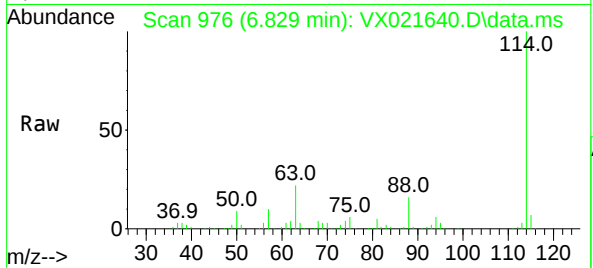




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

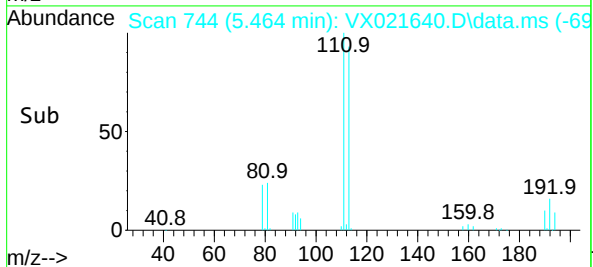
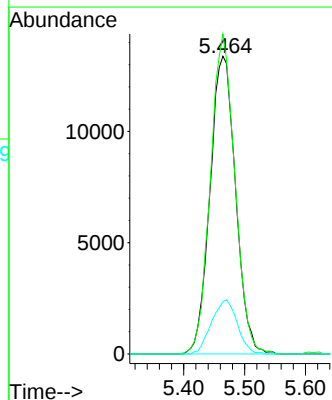
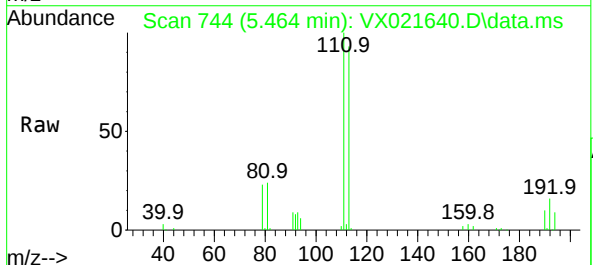
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

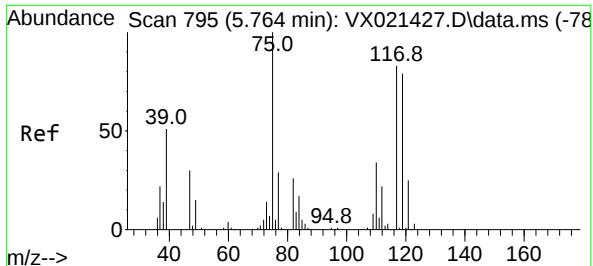
Tgt Ion:114 Resp: 107084
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.42 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion:113 Resp: 39110
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.14 ug/l

RT: 5.629 min Scan# 772

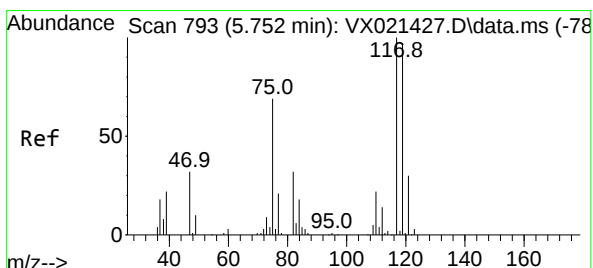
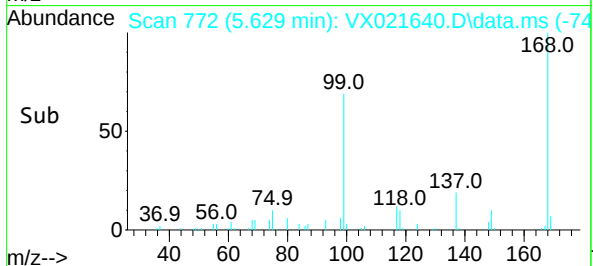
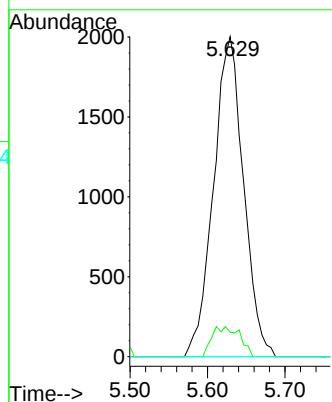
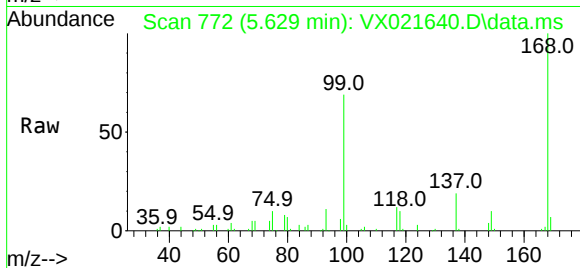
Delta R.T. -0.135 min

Lab File: VX021640.D

Acq: 30 Mar 2021 19:13

Tgt Ion:	75	Resp:	5398
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324



#38

Carbon Tetrachloride

Concen: 5.83 ug/l

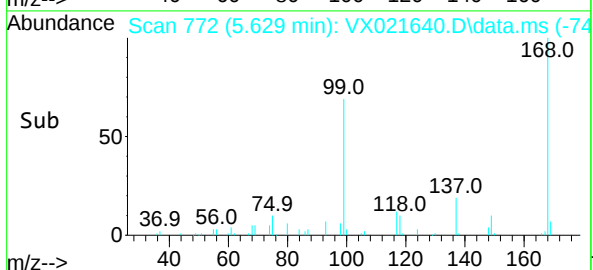
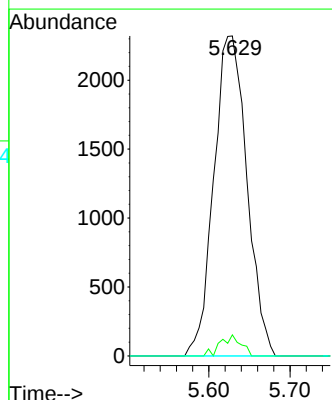
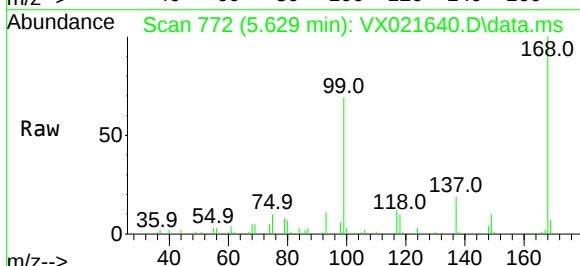
RT: 5.629 min Scan# 772

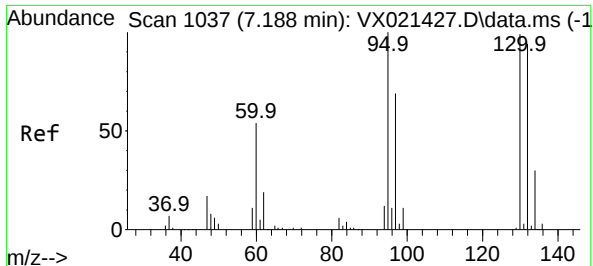
Delta R.T. -0.123 min

Lab File: VX021640.D

Acq: 30 Mar 2021 19:13

Tgt Ion:	117	Resp:	6569
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.2	114.2#
121	0.0	24.8	37.2#

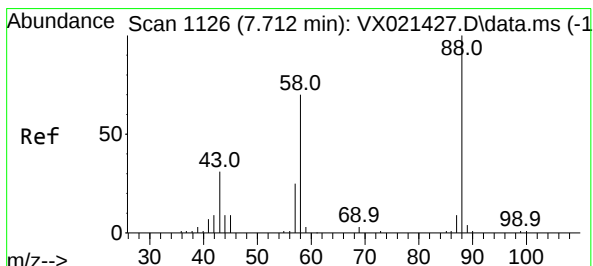
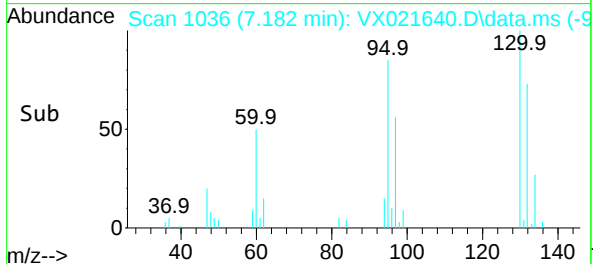
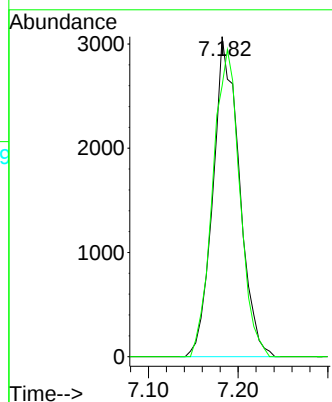
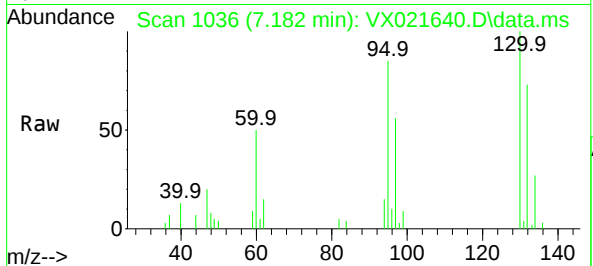




#44
Trichloroethene
Concen: 7.94 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

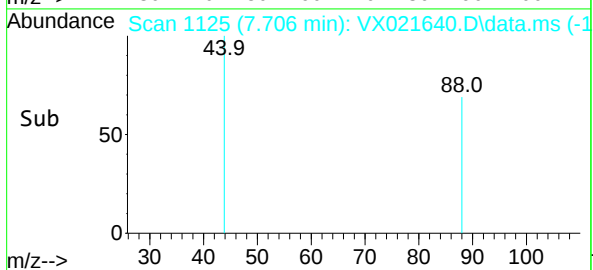
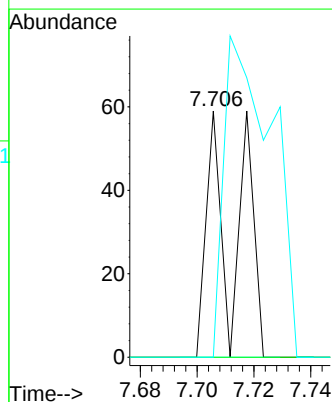
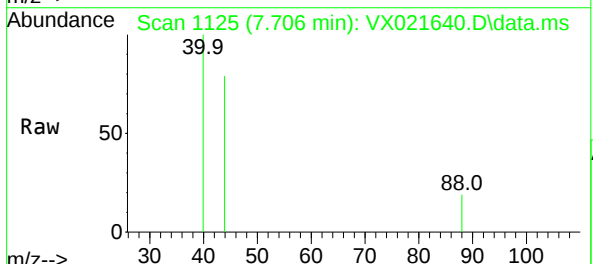
Instrument :
MSVOA_X
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DUP06-20210324

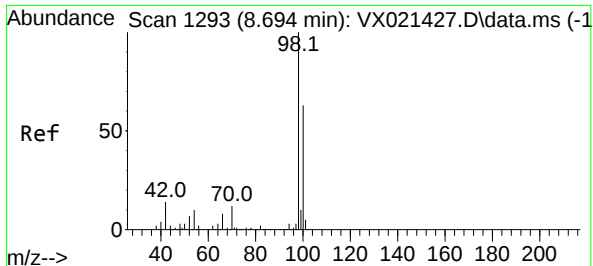
Tgt Ion:130 Resp: 6245
Ion Ratio Lower Upper
130 100
95 84.7 0.0 198.0



#49
1,4-Dioxane
Concen: 2.23 ug/l
RT: 7.706 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 214.3 55.0 82.4#

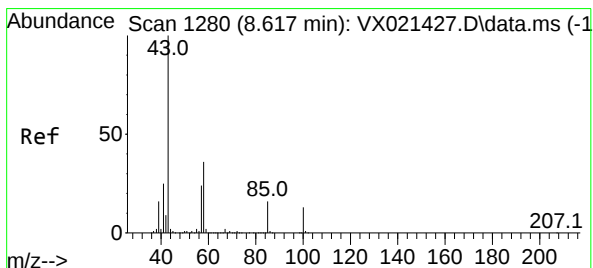
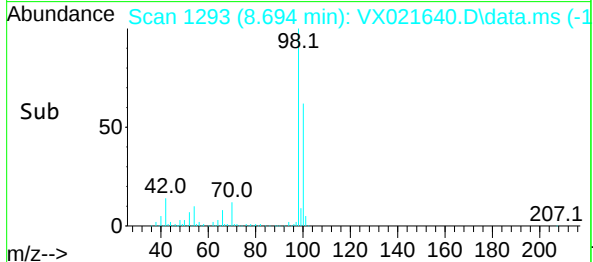
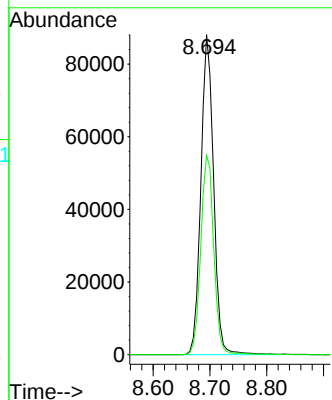
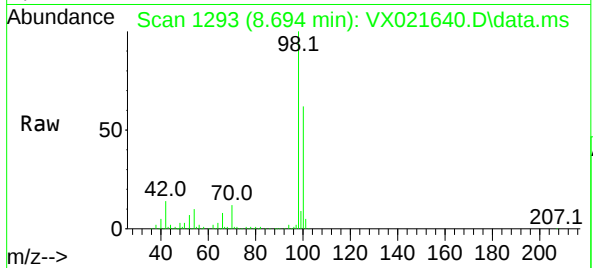




#50
Toluene-d8
Concen: 50.60 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

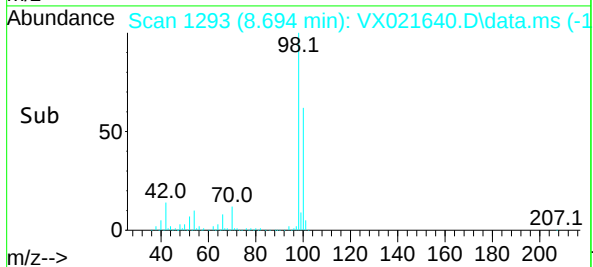
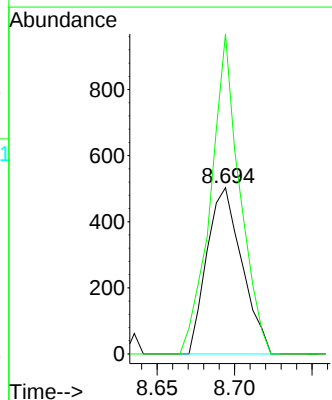
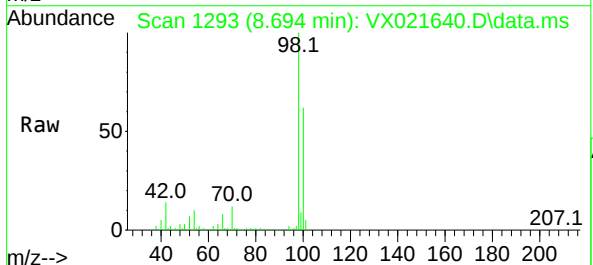
Instrument :
MSVOA_X
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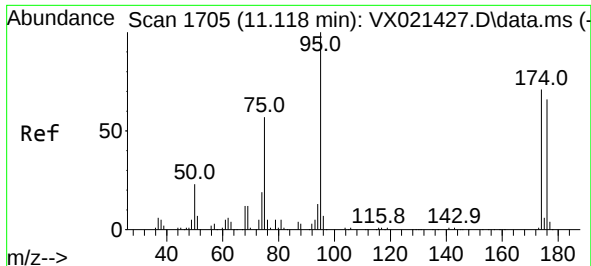
Tgt Ion: 98 Resp: 137160
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 160.1 35.4 53.0#

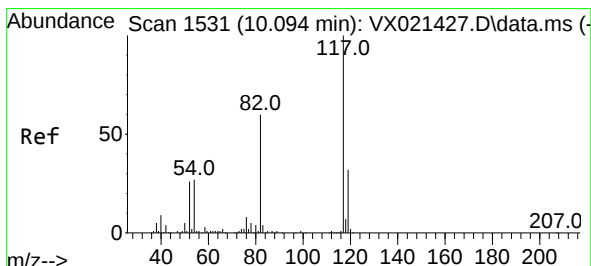
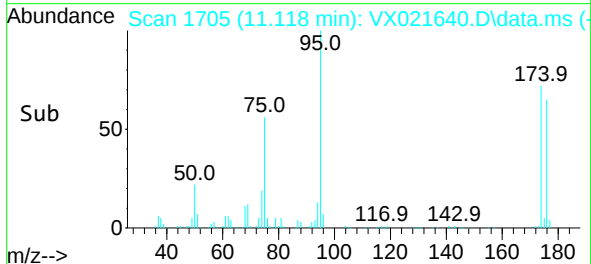
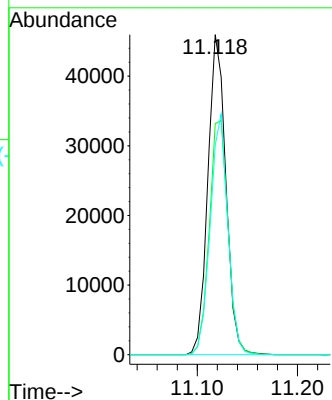
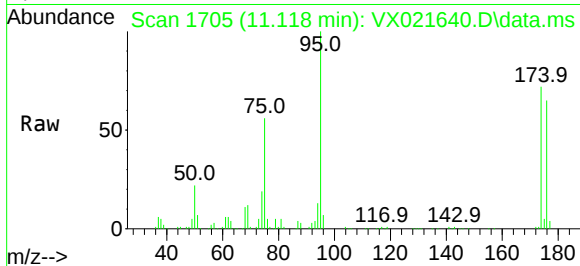




#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

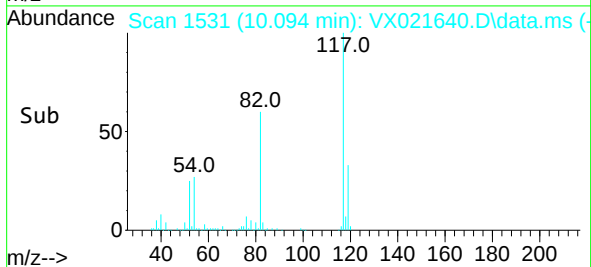
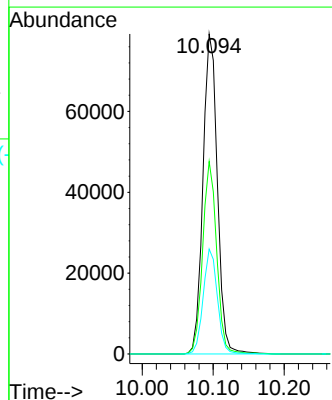
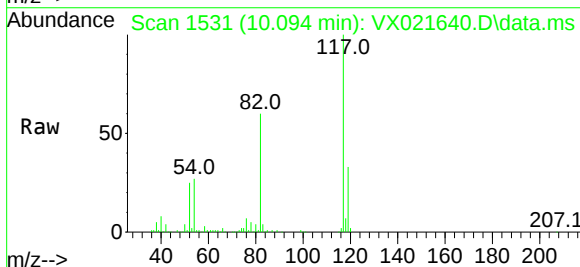
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20210324

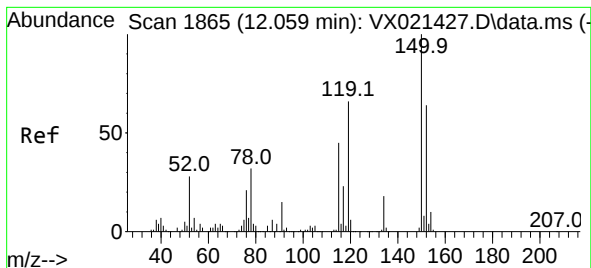
Tgt Ion:	95	Resp:	57058
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	154.6
176	73.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021640.D
Acq: 30 Mar 2021 19:13

Tgt Ion:	117	Resp:	112085
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.4	71.2
119	32.8	26.6	39.8

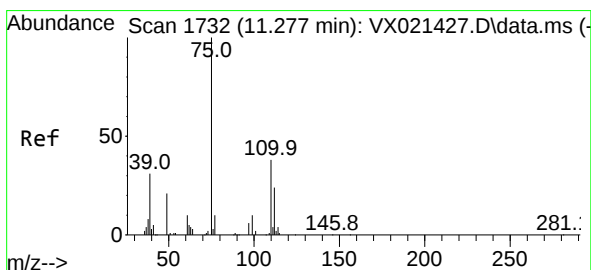
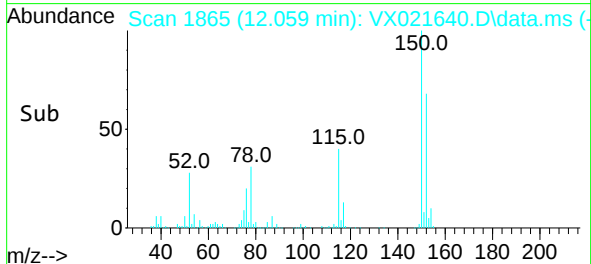
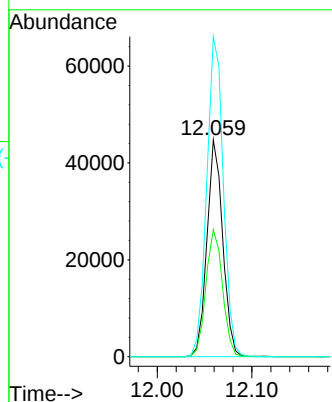
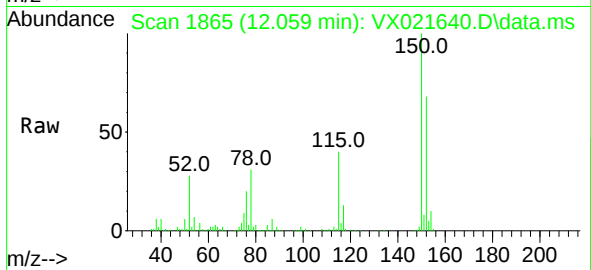




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021640.D
 Acq: 30 Mar 2021 19:13

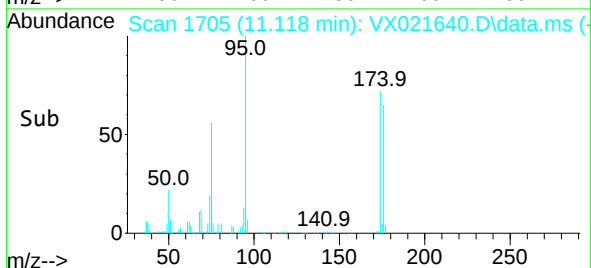
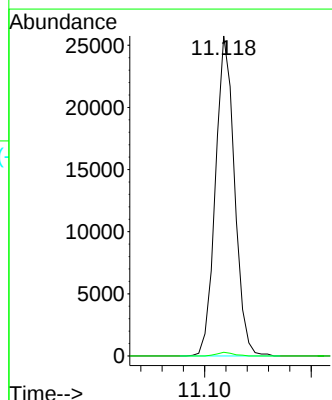
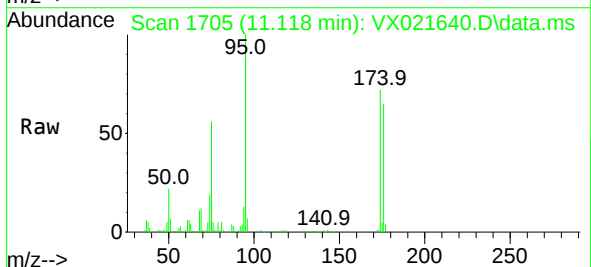
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20210324

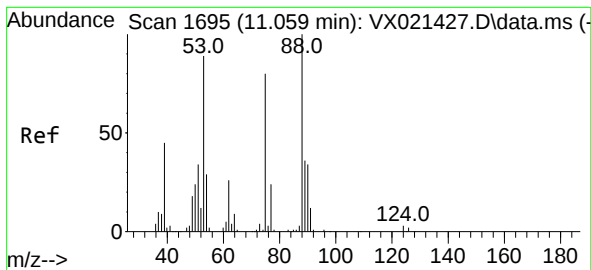
Tgt Ion:152 Resp: 51772
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 154.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.47 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021640.D
 Acq: 30 Mar 2021 19:13

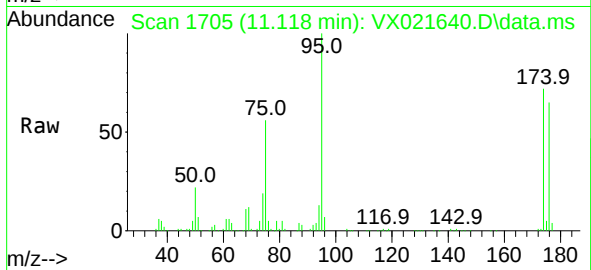
Tgt Ion: 75 Resp: 31905
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.63 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021640.D
 Acq: 30 Mar 2021 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20210324



Tgt Ion: 75 Resp: 31905
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

