

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027791.D
 Acq On : 29 Mar 2022 22:16
 Operator : JC/MD
 Sample : N2041-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220317

Quant Time: Mar 30 05:16:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

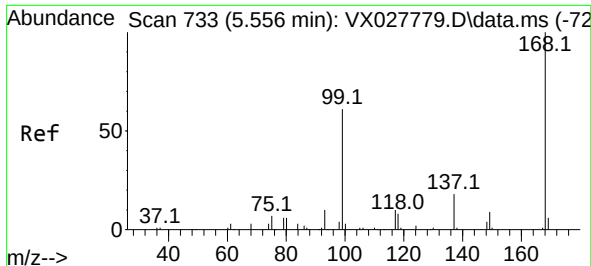
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	85005	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	141609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61489	56.062	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.120%
35) Dibromofluoromethane	5.391	113	47858	52.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.720%
50) Toluene-d8	8.653	98	165134	51.347	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.700%
62) 4-Bromofluorobenzene	11.079	95	63556	46.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	261	0.339	ug/l	# 42
3) Chloromethane	1.295	50	211	0.310	ug/l	# 42
5) Bromomethane	1.605	94	244	0.775	ug/l	# 47
9) 1,1,2-Trichlorotrifluo...	2.331	101	50341	63.246	ug/l	97
12) 1,1-Dichloroethene	2.319	96	655	0.897	ug/l	97
14) Allyl chloride	2.544	41	305	0.227	ug/l	# 33
16) Acetone	2.380	43	1326	2.732	ug/l	# 88
20) Methylene Chloride	2.794	84	236	0.270	ug/l	# 85
27) cis-1,2-Dichloroethene	4.489	96	1219	1.275	ug/l	92
30) Chloroform	5.105	83	393	0.234	ug/l	85
31) Cyclohexane	5.562	56	1868	1.541	ug/l	# 54
36) 1,1-Dichloropropene	5.556	75	6727	5.843	ug/l	# 45
38) Carbon Tetrachloride	5.678	117	352	0.277	ug/l	# 81
39) Methylcyclohexane	7.135	83	1802	1.330	ug/l	# 1
44) Trichloroethene	7.129	130	125887	132.774	ug/l	87
49) 1,4-Dioxane	7.671	88	125	5.282	ug/l	# 60
51) 4-Methyl-2-Pentanone	8.647	43	863	0.544	ug/l	# 1
60) Dibromochloromethane	9.275	129	4827	4.776	ug/l	# 9
64) Tetrachloroethene	9.275	164	4509	5.427	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	35832	29.892	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35832	87.083	ug/l	# 15

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

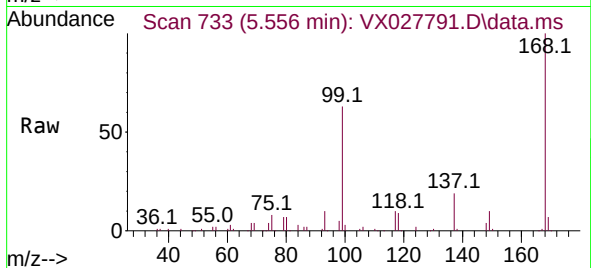
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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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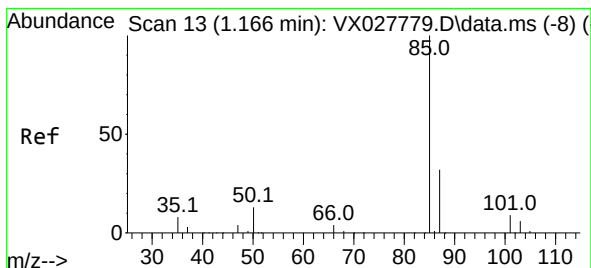
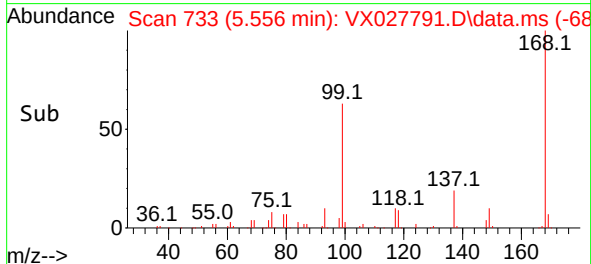
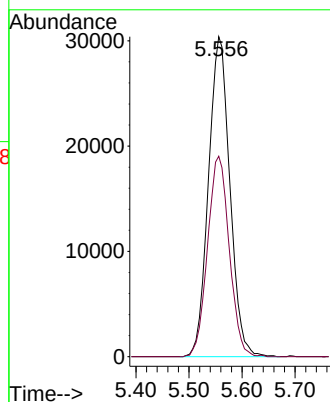


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

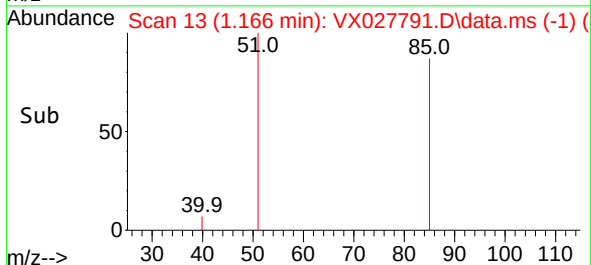
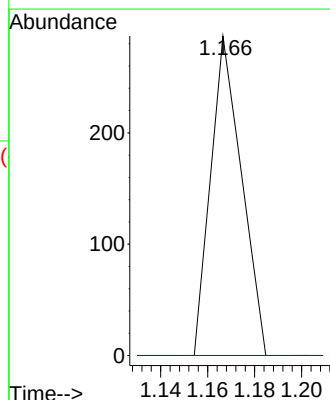
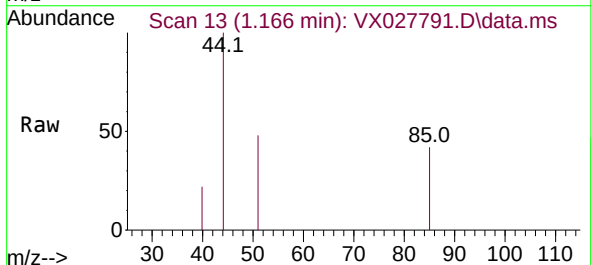


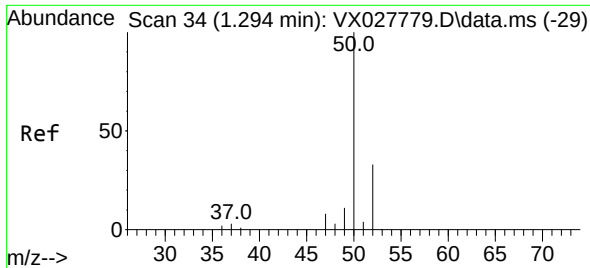
Tgt Ion:168 Resp: 85005
Ion Ratio Lower Upper
168 100
99 62.7 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.339 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 85 Resp: 261
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

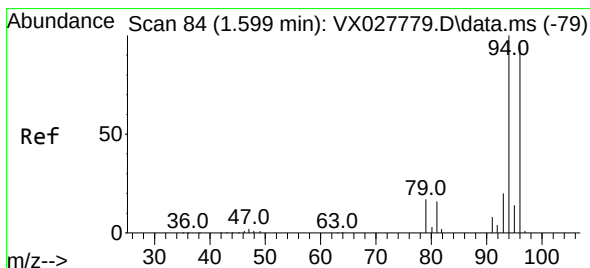
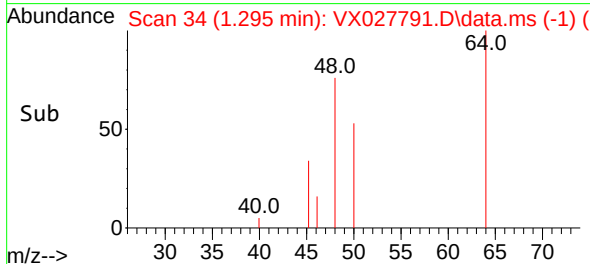
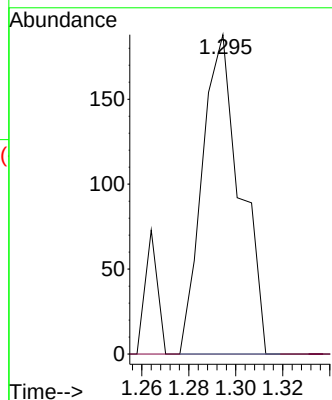
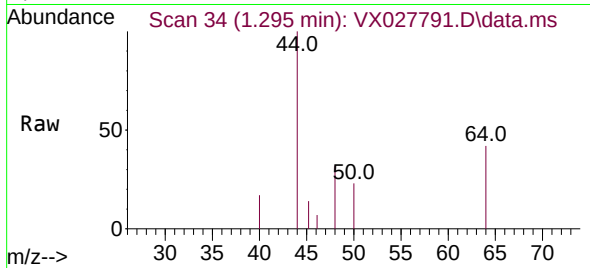




#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

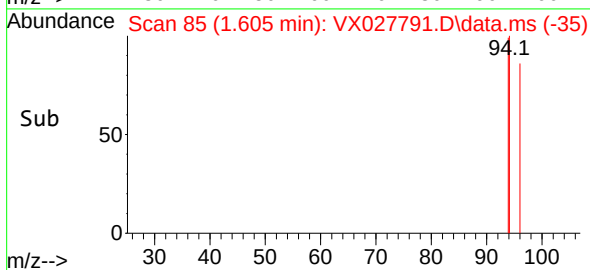
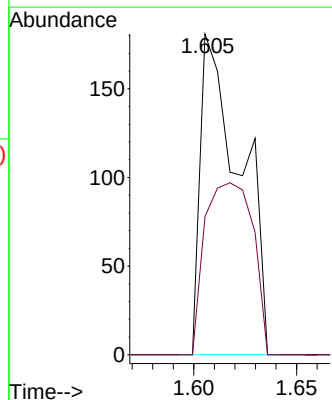
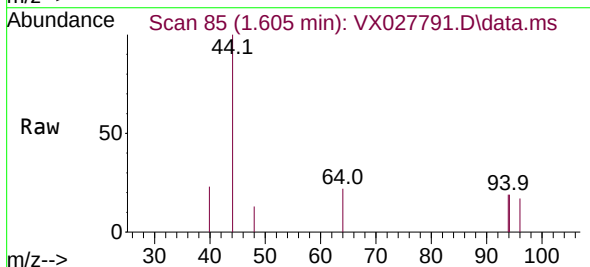
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

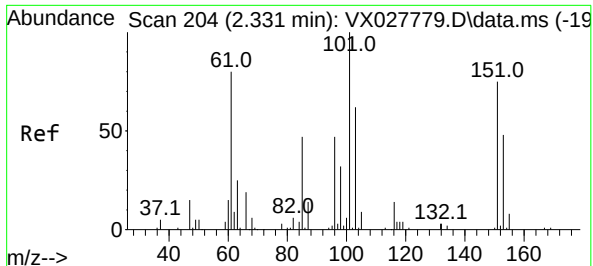
Tgt Ion: 50 Resp: 211
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#5
Bromomethane
Concen: 0.775 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 43.1 75.3 112.9#

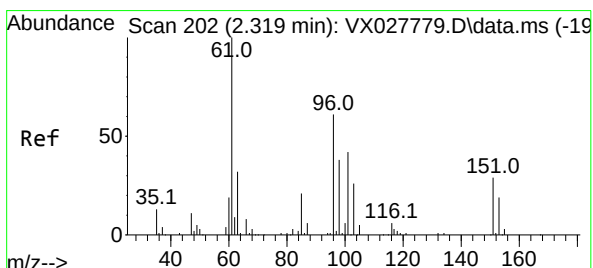
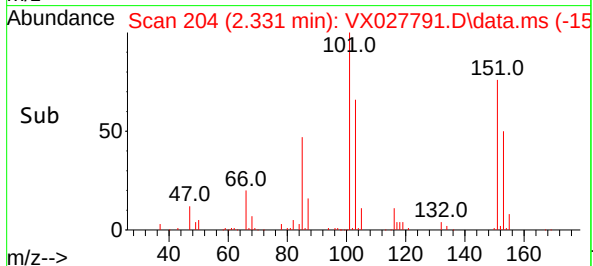
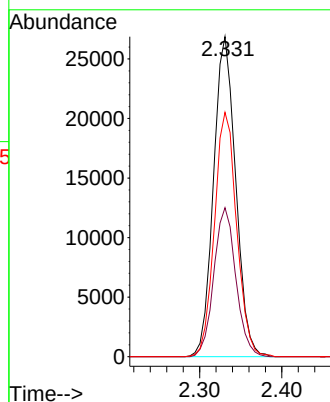
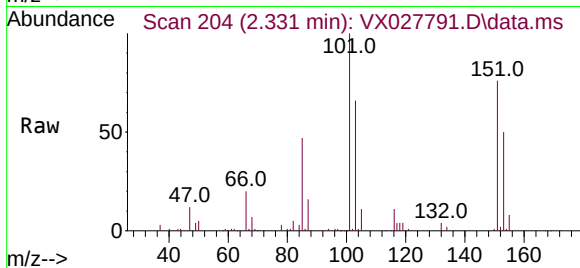




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.246 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

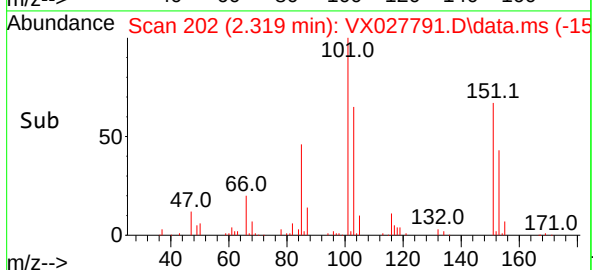
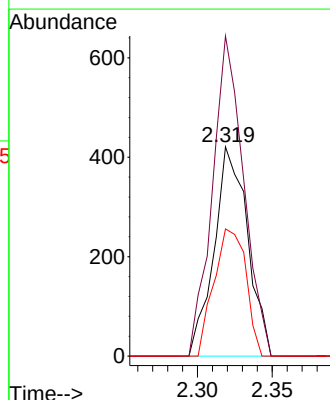
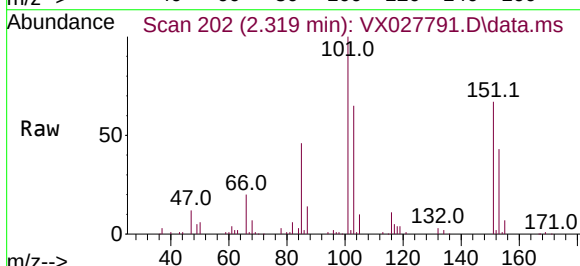
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

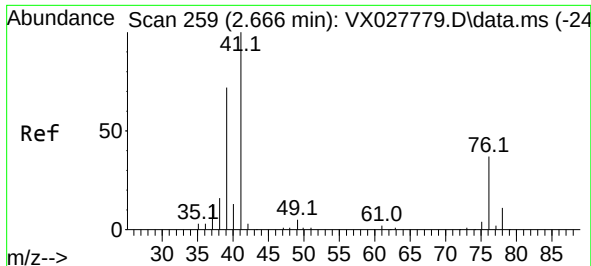
Tgt Ion:	101	Resp:	50341
Ion Ratio	Lower	Upper	
101	100		
85	46.1	33.5	50.3
151	76.6	61.8	92.6



#12
1,1-Dichloroethene
Concen: 0.897 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

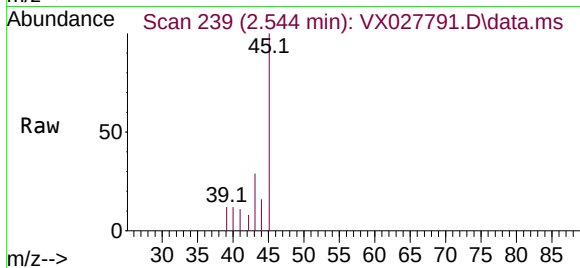
Tgt Ion:	96	Resp:	655
Ion Ratio	Lower	Upper	
96	100		
61	153.0	124.6	187.0
98	60.8	51.0	76.4



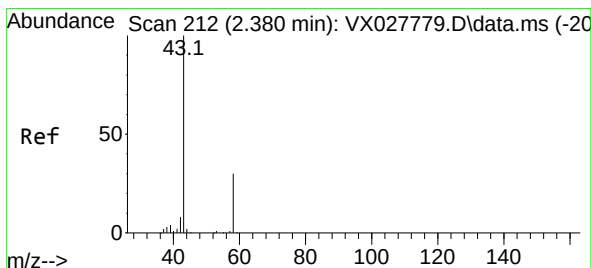
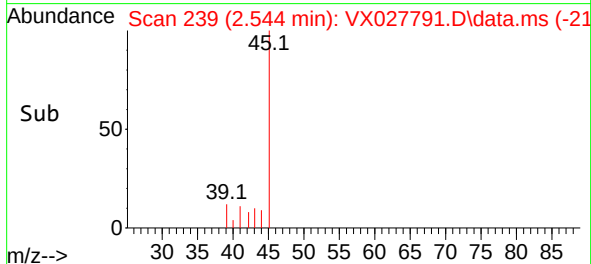
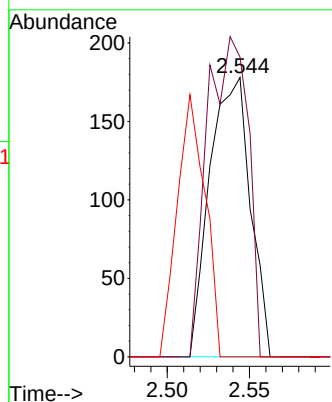


#14
 Allyl chloride
 Concen: 0.227 ug/l
 RT: 2.544 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX027791.D
 Acq: 29 Mar 2022 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220317

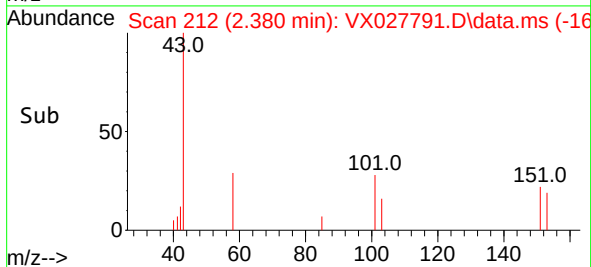
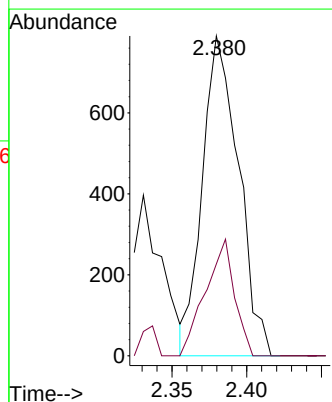
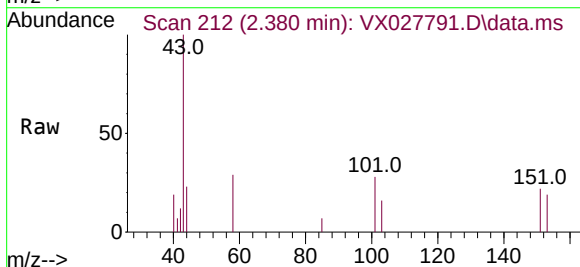


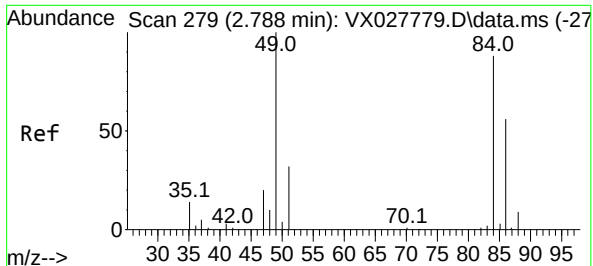
Tgt Ion	Ratio	Lower	Upper
41	100		
39	116.1	50.4	75.6#
76	0.0	32.7	49.1#



#16
 Acetone
 Concen: 2.732 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027791.D
 Acq: 29 Mar 2022 22:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	28.8	43.2#



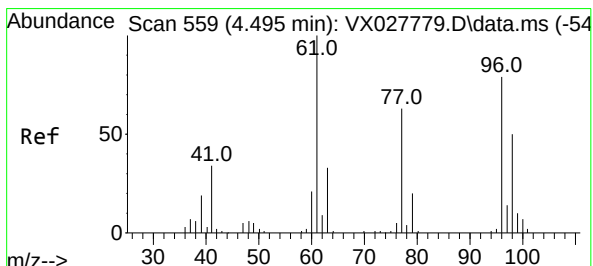
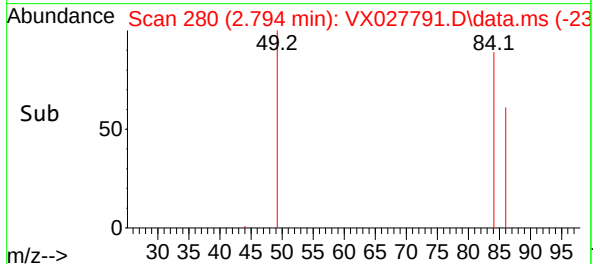
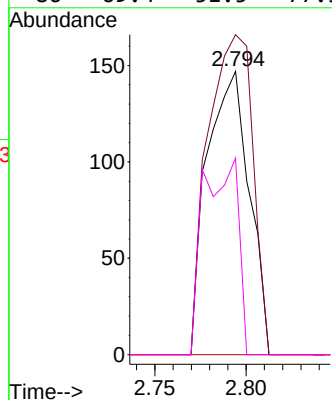
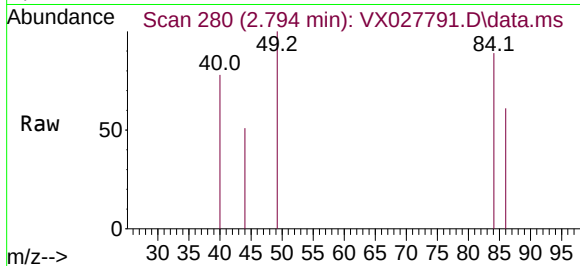


#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

Tgt Ion: 84 Resp: 236

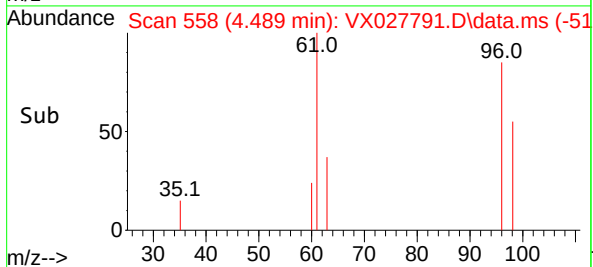
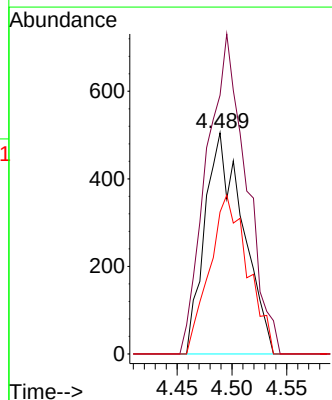
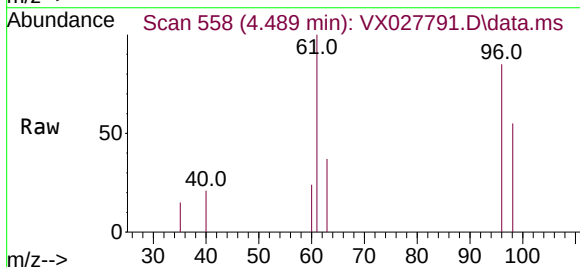
Ion	Ratio	Lower	Upper
84	100		
49	112.9	85.5	128.3
51	0.0	26.6	39.8
86	69.4	51.5	77.3

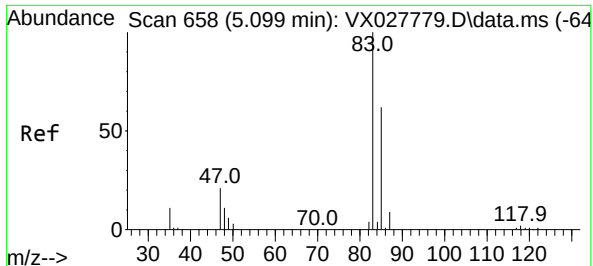


#27
cis-1,2-Dichloroethene
Concen: 1.275 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 96 Resp: 1219

Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	283.8
98	71.9	0.0	129.8





#30

Chloroform

Concen: 0.234 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027791.D

Acq: 29 Mar 2022 22:16

Instrument :

MSVOA_X

ClientSampleId :

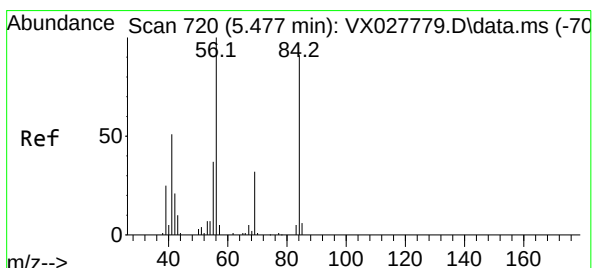
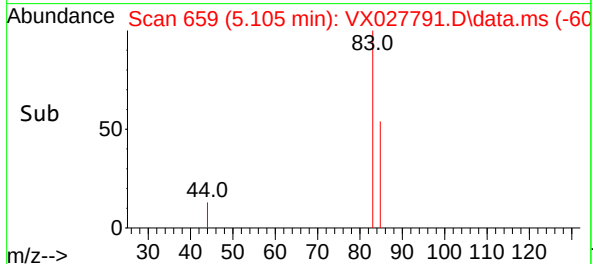
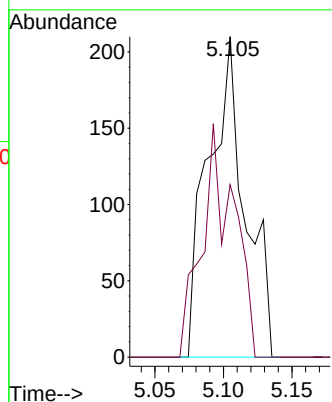
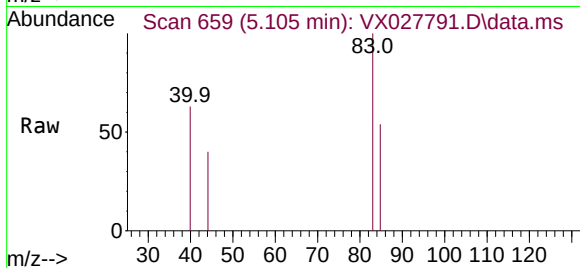
RE125D3-20220317

Tgt Ion: 83 Resp: 393

Ion Ratio Lower Upper

83 100

85 53.8 52.7 79.1



#31

Cyclohexane

Concen: 1.541 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX027791.D

Acq: 29 Mar 2022 22:16

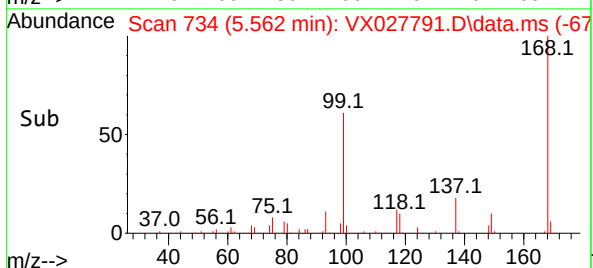
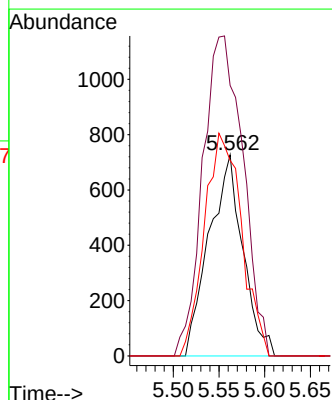
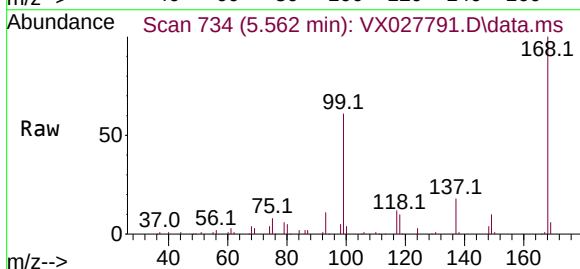
Tgt Ion: 56 Resp: 1868

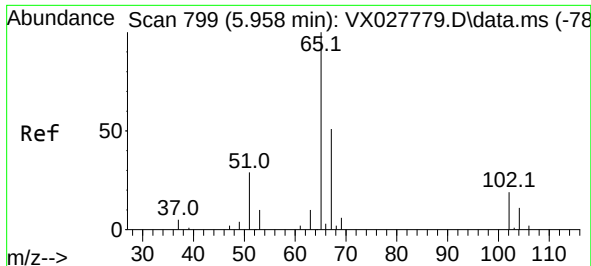
Ion Ratio Lower Upper

56 100

69 134.5 26.7 40.1#

84 97.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 56.062 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027791.D

Acq: 29 Mar 2022 22:16

Instrument :

MSVOA_X

ClientSampleId :

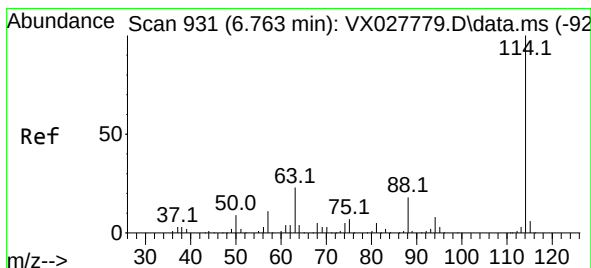
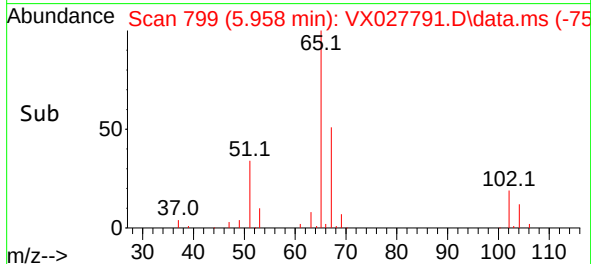
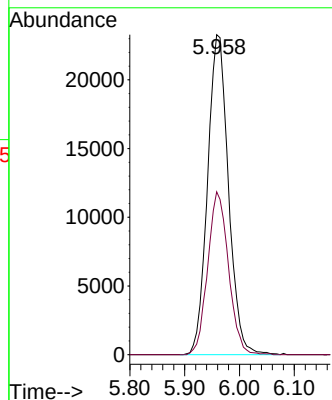
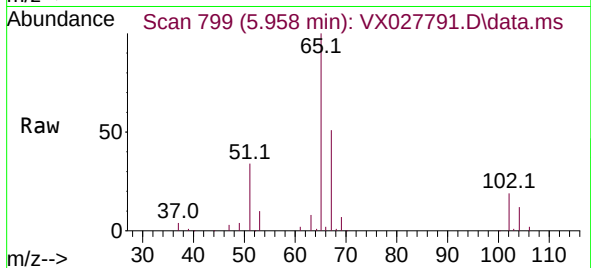
RE125D3-20220317

Tgt Ion: 65 Resp: 61489

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027791.D

Acq: 29 Mar 2022 22:16

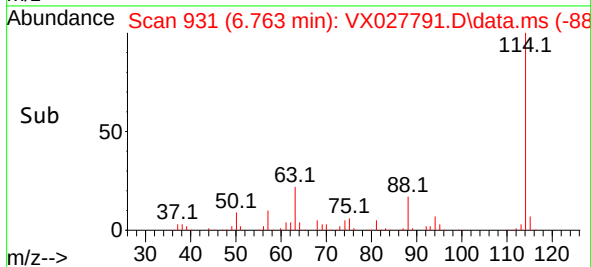
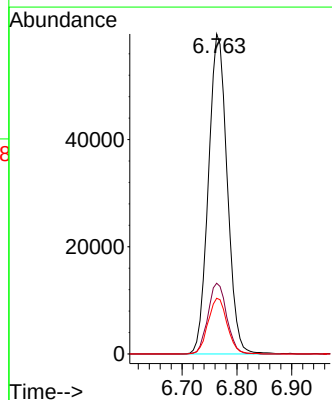
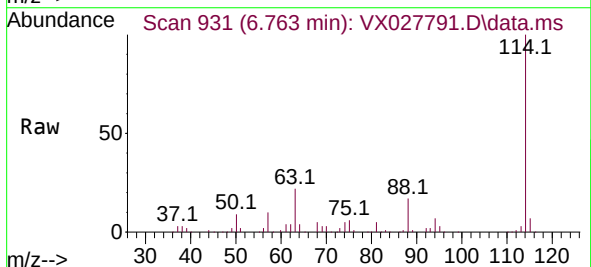
Tgt Ion: 114 Resp: 141609

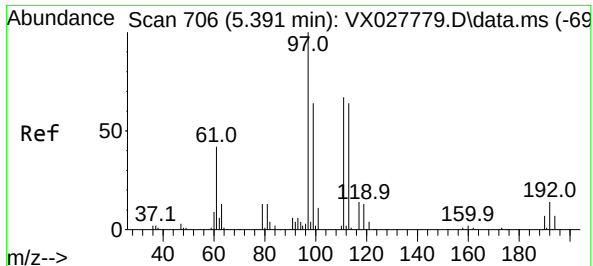
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.8

88 17.4 0.0 32.4

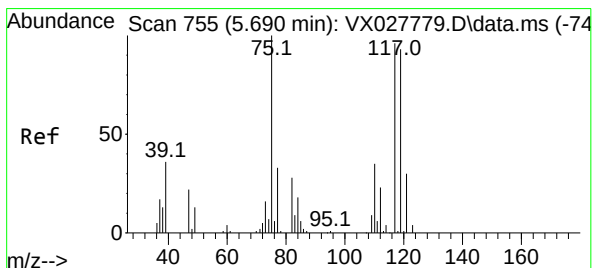
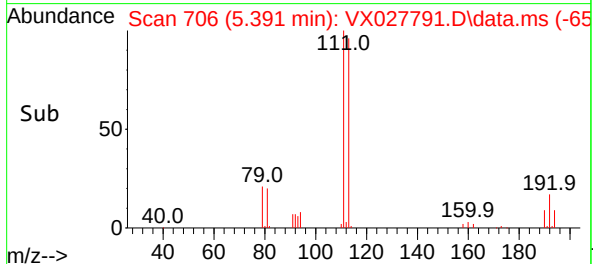
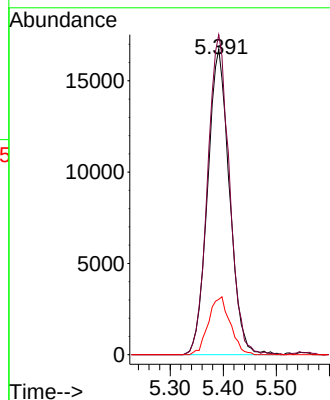
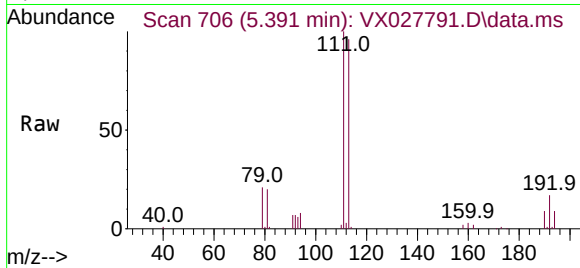




#35
Dibromofluoromethane
Concen: 52.358 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

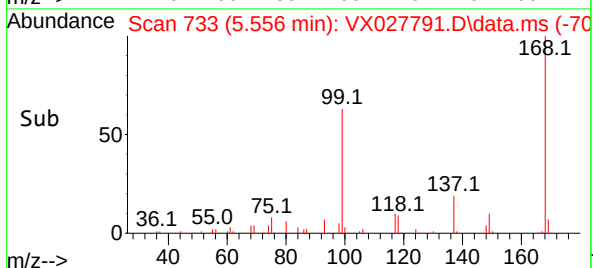
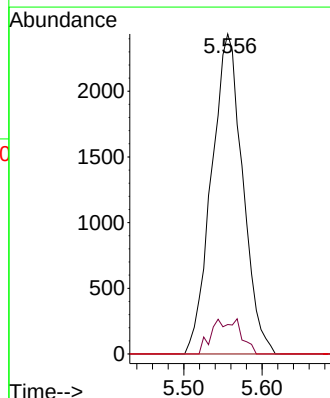
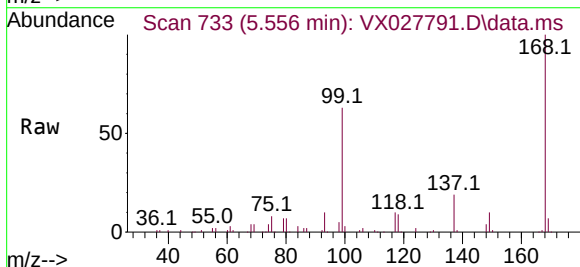
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

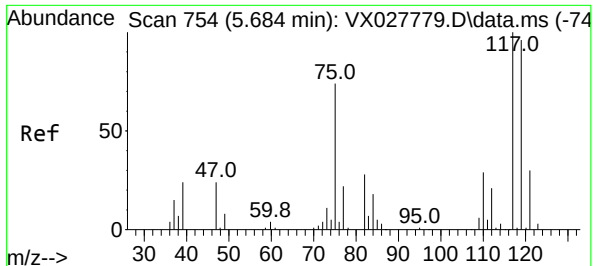
Tgt Ion:113 Resp: 47858
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.843 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 75 Resp: 6727
Ion Ratio Lower Upper
75 100
110 4.8 18.3 54.8#
77 0.0 24.8 37.2#

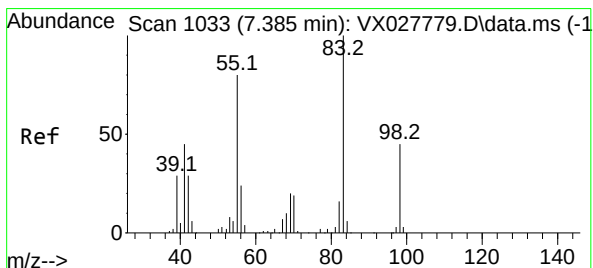
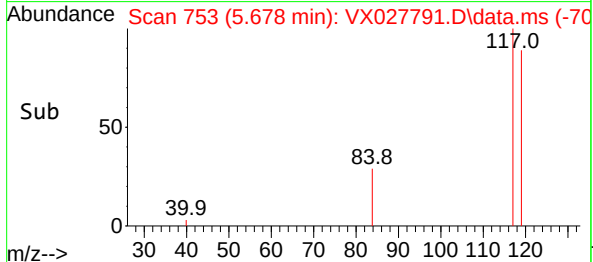
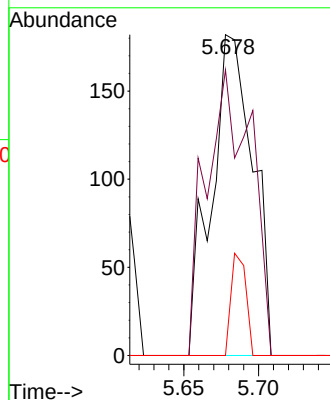
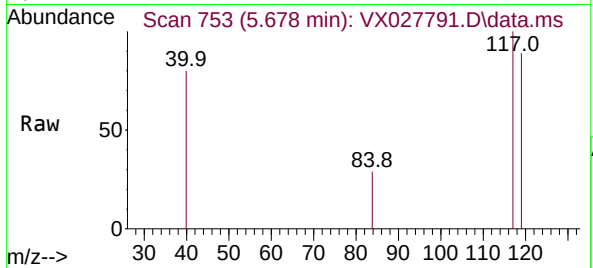




#38
Carbon Tetrachloride
Concen: 0.277 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

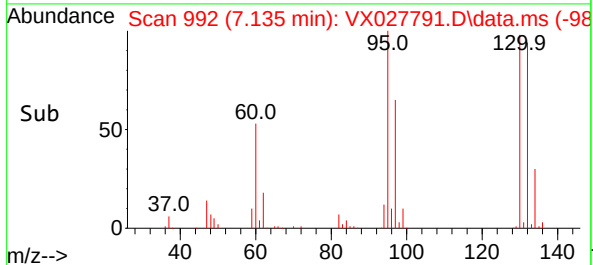
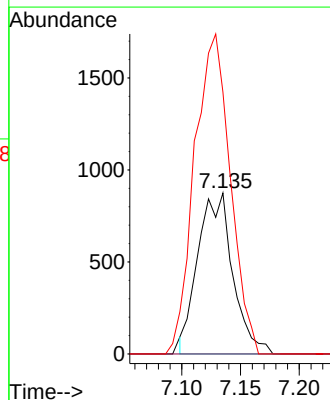
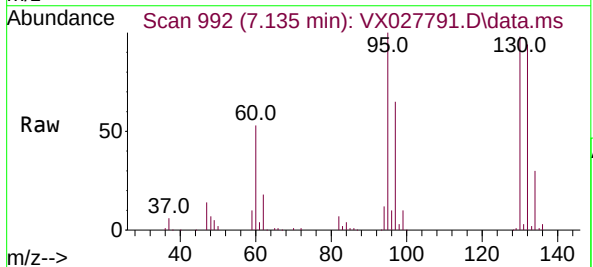
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

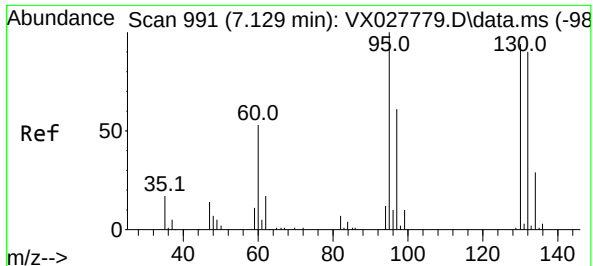
Tgt Ion:117 Resp: 352
Ion Ratio Lower Upper
117 100
119 89.0 77.3 115.9
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.330 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 83 Resp: 1802
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 162.6 37.4 56.2#

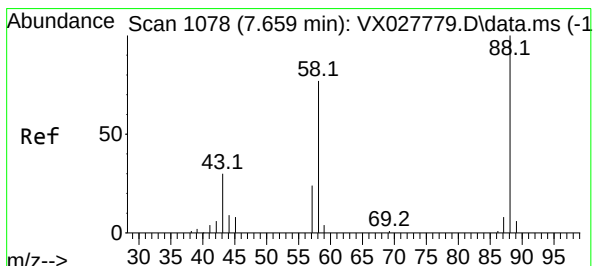
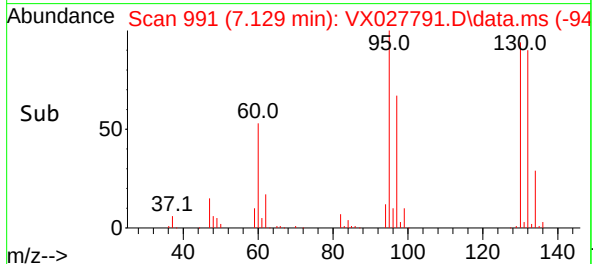
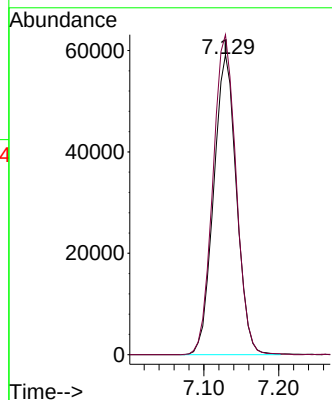
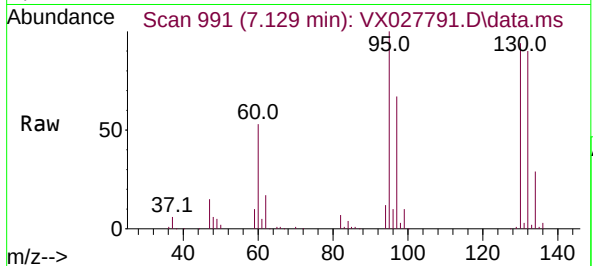




#44
Trichloroethene
Concen: 132.774 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

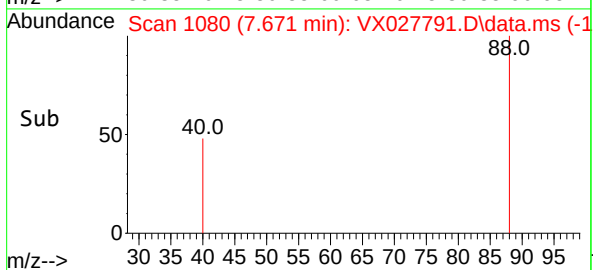
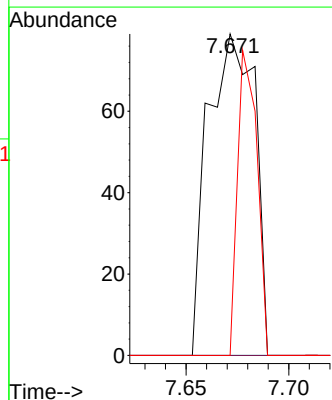
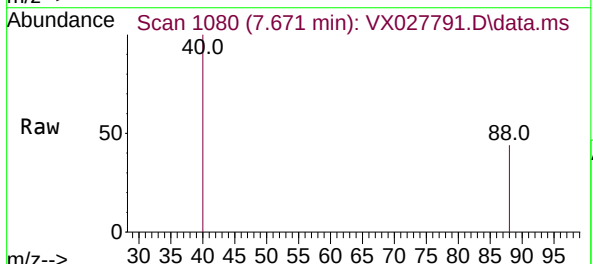
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

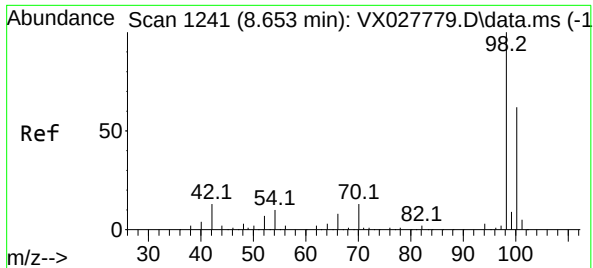
Tgt Ion:130 Resp: 125887
Ion Ratio Lower Upper
130 100
95 106.7 0.0 188.8



#49
1,4-Dioxane
Concen: 5.282 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 39.2 53.7 80.5#

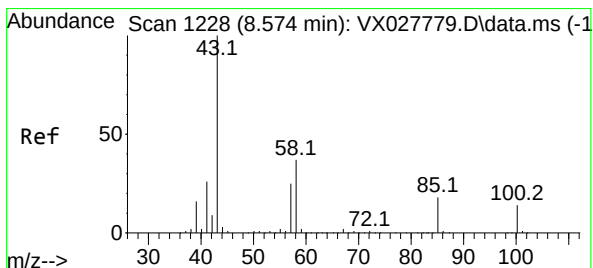
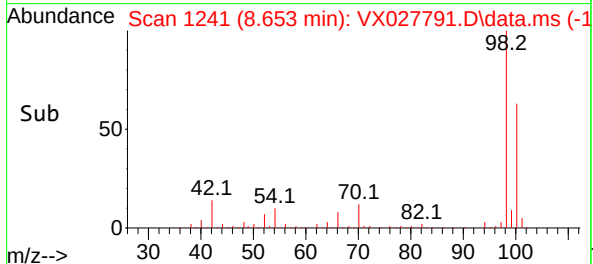
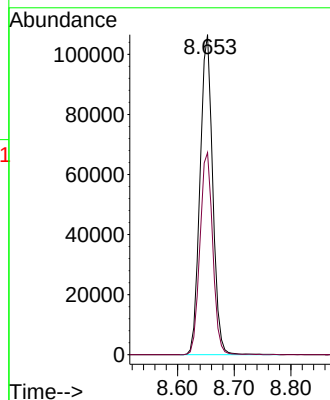
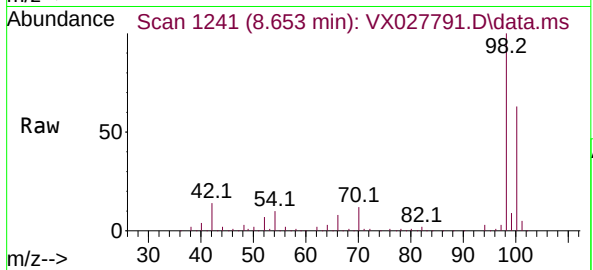




#50
Toluene-d8
Concen: 51.347 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

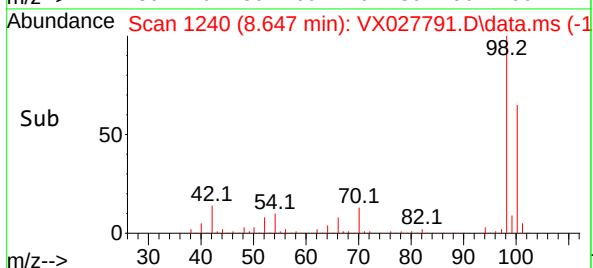
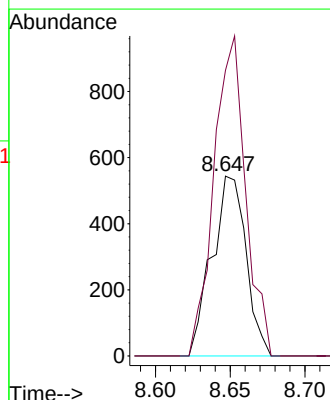
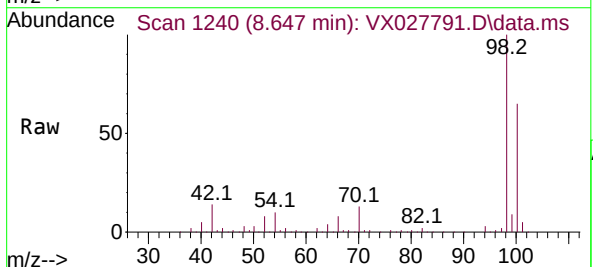
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

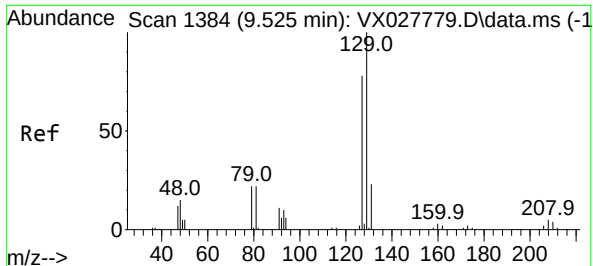
Tgt Ion: 98 Resp: 165134
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 165.2 36.1 54.1#

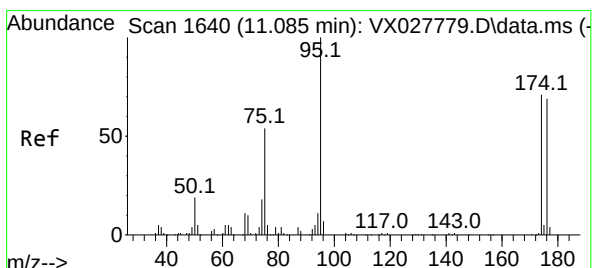
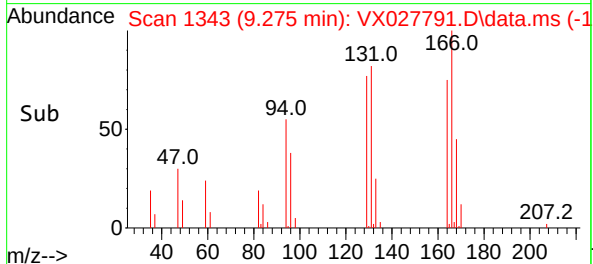
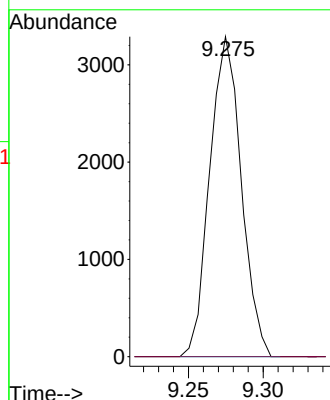
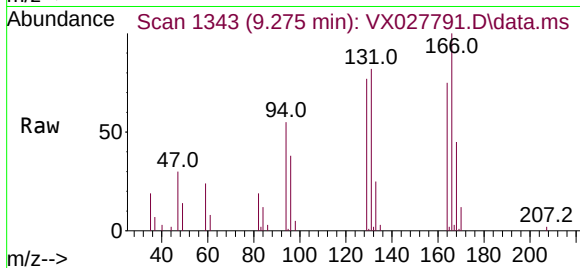




#60
Dibromochloromethane
Concen: 4.776 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

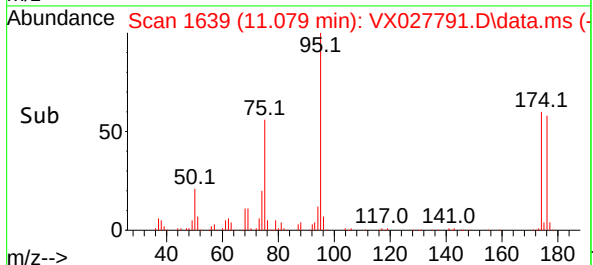
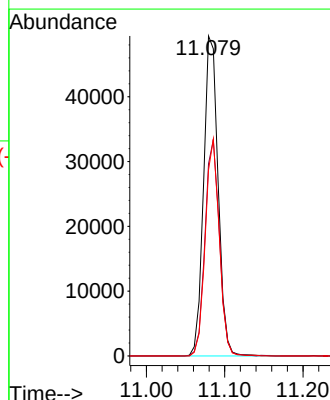
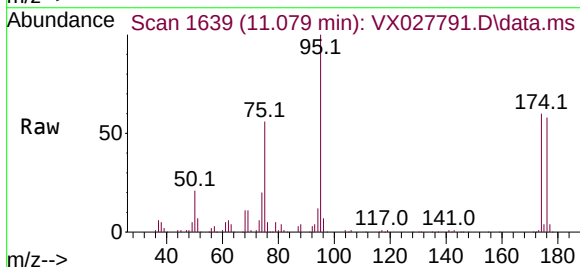
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

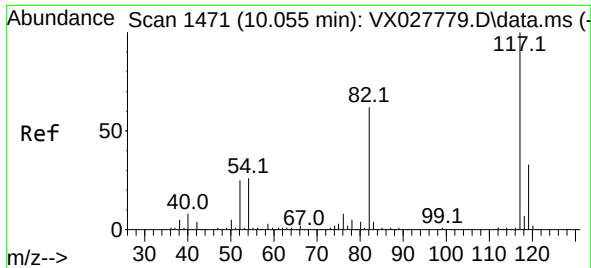
Tgt Ion:129 Resp: 4827
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 46.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion: 95 Resp: 63556
Ion Ratio Lower Upper
95 100
174 66.8 0.0 163.0
176 65.2 0.0 155.0

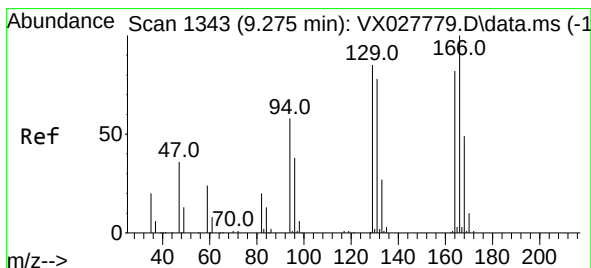
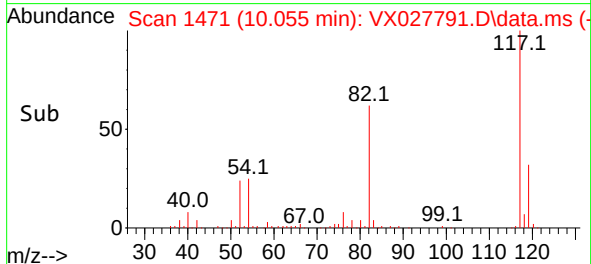
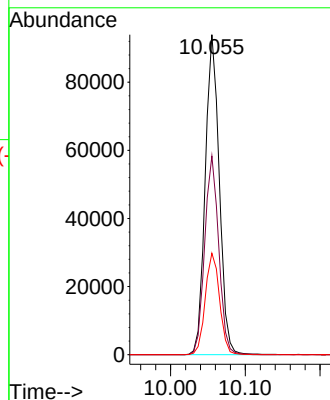
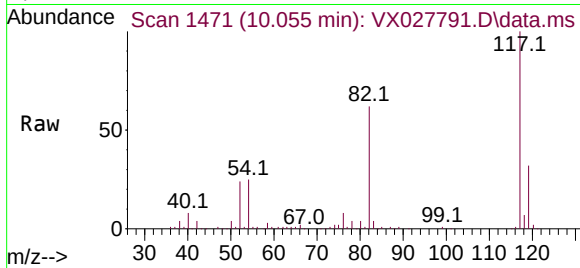




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

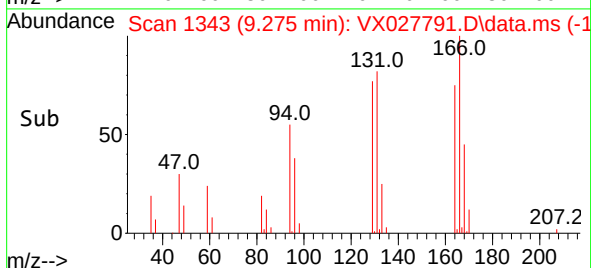
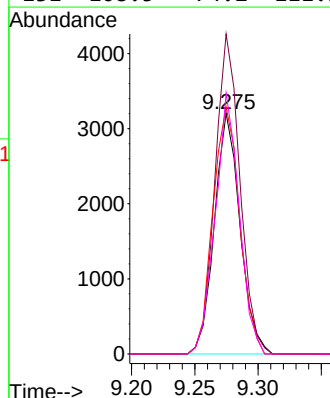
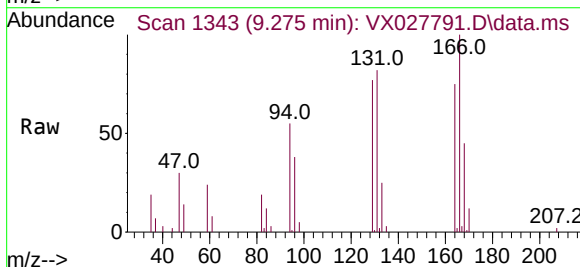
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20220317

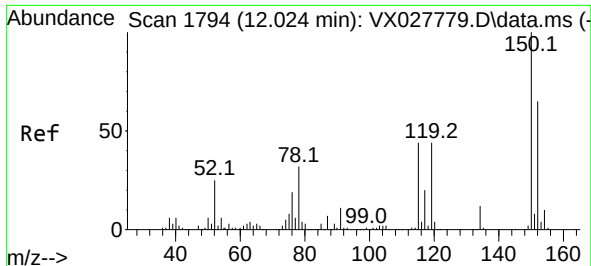
Tgt Ion:117 Resp: 122544
Ion Ratio Lower Upper
117 100
82 62.1 41.8 62.8
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 5.427 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027791.D
Acq: 29 Mar 2022 22:16

Tgt Ion:164 Resp: 4509
Ion Ratio Lower Upper
164 100
166 133.0 101.2 151.8
129 102.7 73.0 109.4
131 108.5 74.2 111.2

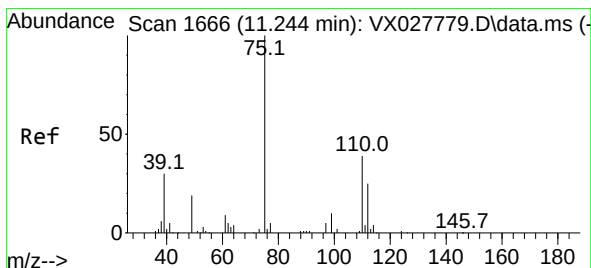
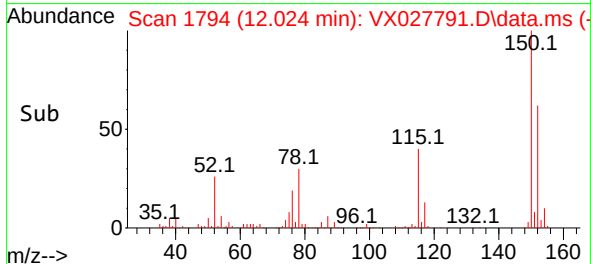
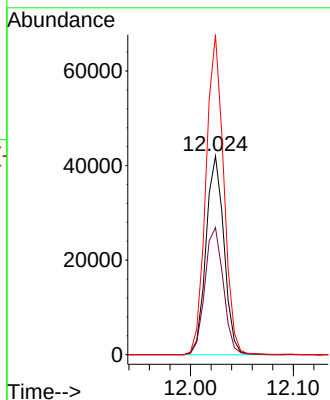
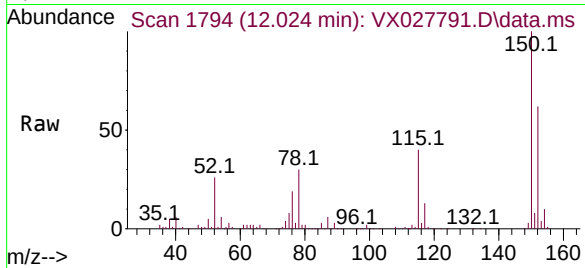




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027791.D
 Acq: 29 Mar 2022 22:16

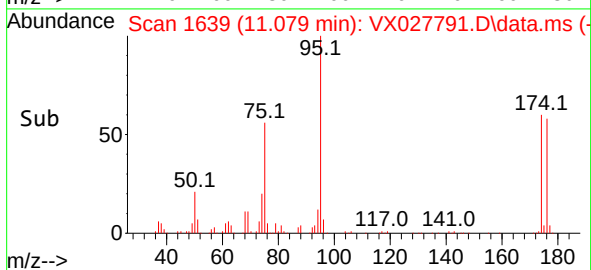
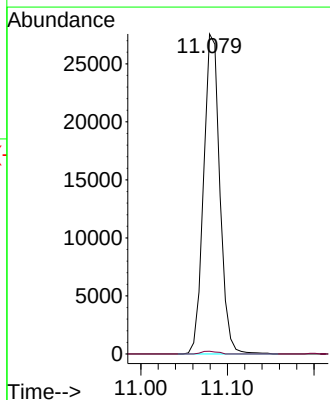
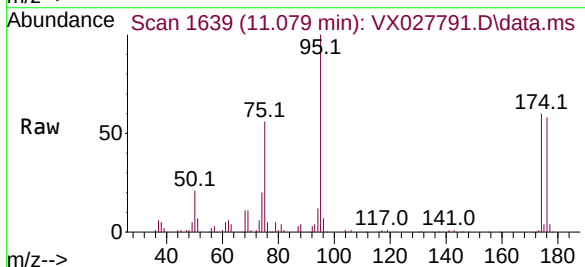
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220317

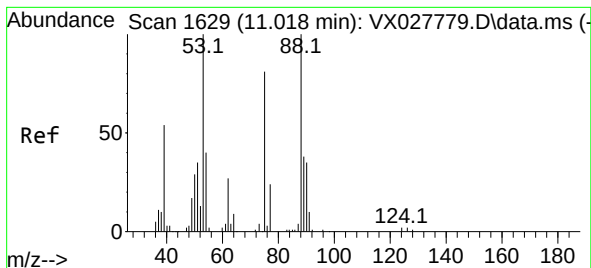
Tgt Ion:152 Resp: 51099
 Ion Ratio Lower Upper
 152 100
 115 65.7 37.5 112.7
 150 159.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.892 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027791.D
 Acq: 29 Mar 2022 22:16

Tgt Ion: 75 Resp: 35832
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.083 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027791.D
 Acq: 29 Mar 2022 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20220317

Tgt Ion: 75 Resp: 35832
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

