

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027795.D
 Acq On : 29 Mar 2022 23:50
 Operator : JC/MD
 Sample : N2041-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20220317

Quant Time: Mar 30 05:17:17 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)

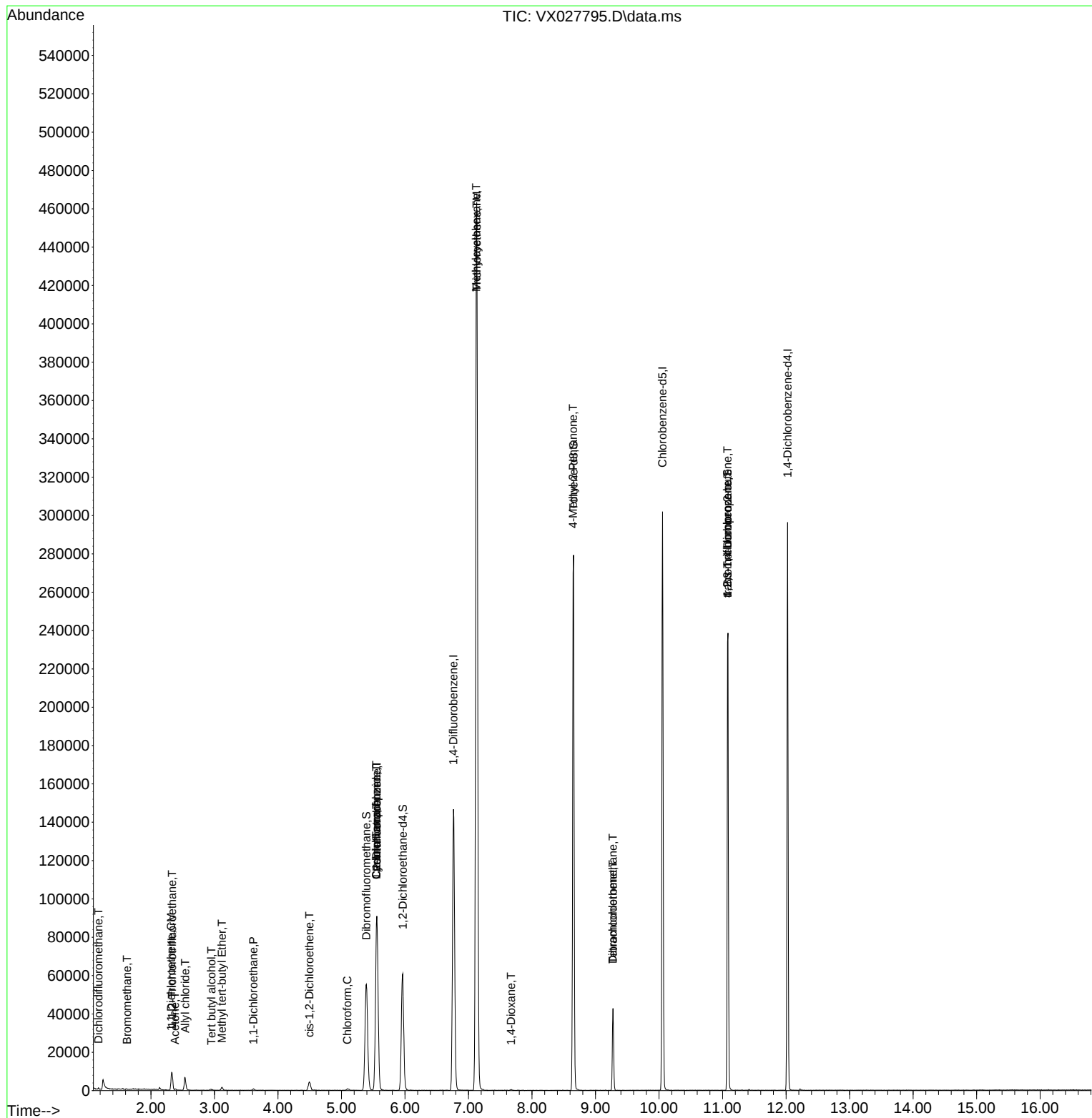
Internal Standards						
1) Pentafluorobenzene	5.556	168	85458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60975	55.299	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.600%	
35) Dibromofluoromethane	5.391	113	48909	52.791	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.580%	
50) Toluene-d8	8.653	98	170415	52.279	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	11.079	95	64415	46.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	251	0.324	ug/l #	42
5) Bromomethane	1.624	94	158	0.499	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	3200	3.999	ug/l	97
11) Tert butyl alcohol	2.953	59	404	1.907	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	720	0.981	ug/l	98
14) Allyl chloride	2.538	41	716	0.531	ug/l #	56
16) Acetone	2.380	43	555	1.137	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	1654	0.591	ug/l #	83
24) 1,1-Dichloroethane	3.611	63	1167	0.768	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	2936	3.055	ug/l	92
30) Chloroform	5.093	83	1032	0.611	ug/l #	76
31) Cyclohexane	5.550	56	1750	1.436	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6629	5.681	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8987	6.971	ug/l #	15
39) Methylcyclohexane	7.123	83	2056	1.497	ug/l #	1
44) Trichloroethene	7.129	130	175375	182.490	ug/l	91
49) 1,4-Dioxane	7.671	88	469	19.552	ug/l #	93
51) 4-Methyl-2-Pentanone	8.647	43	699	0.435	ug/l #	1
60) Dibromochloromethane	9.275	129	7843	7.656	ug/l #	9
64) Tetrachloroethene	9.275	164	7823	9.222	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	37075	29.540	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37075	86.096	ug/l #	15

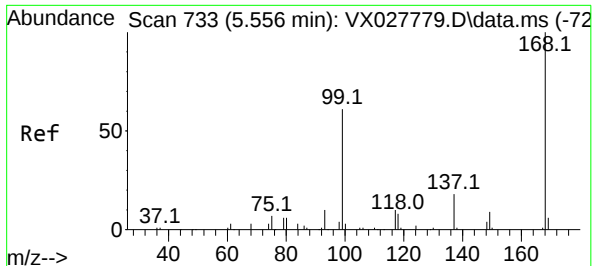
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D1-20220317

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

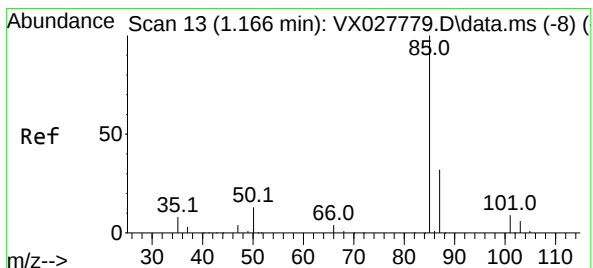
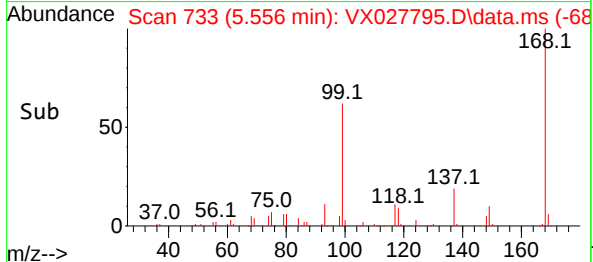
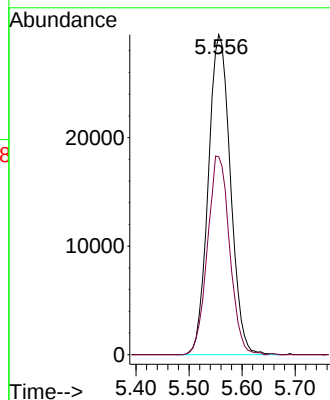
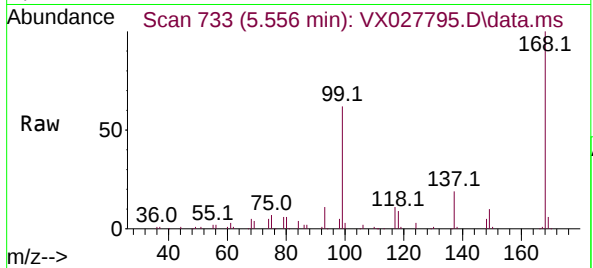




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

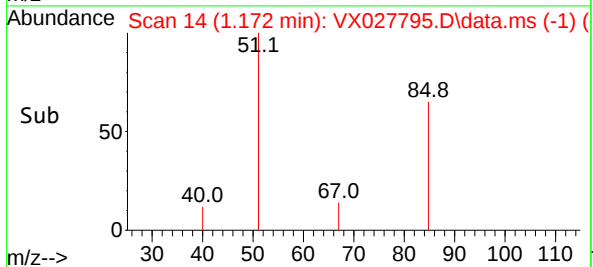
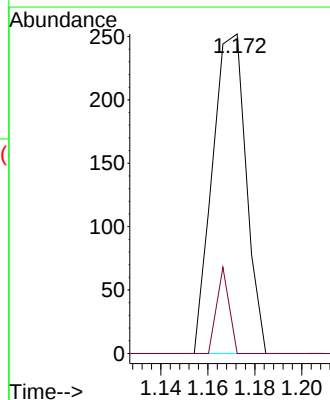
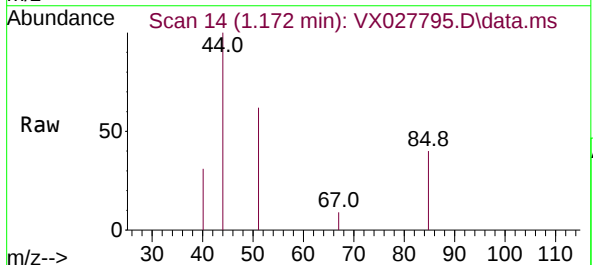
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

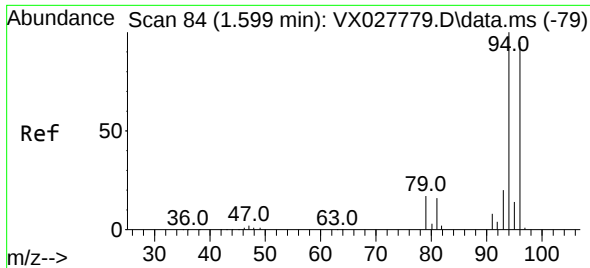
Tgt Ion:168 Resp: 85458
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.324 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 85 Resp: 251
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

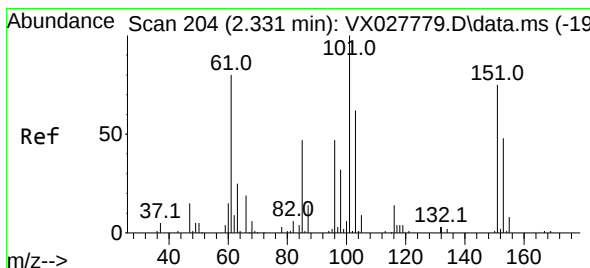
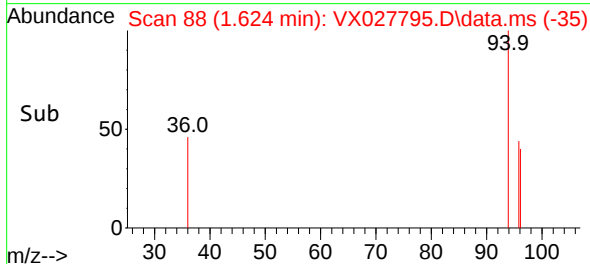
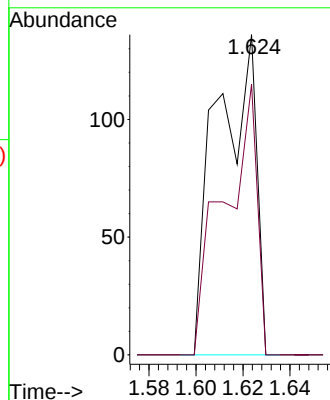
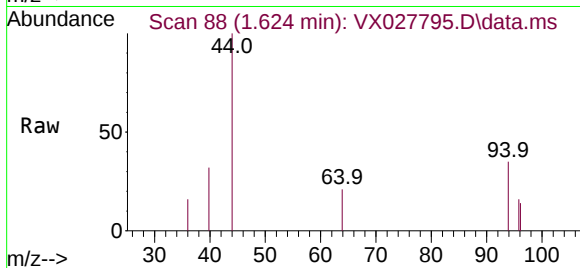




#5
Bromomethane
Concen: 0.499 ug/l
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

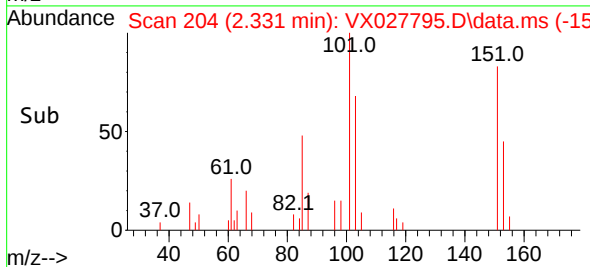
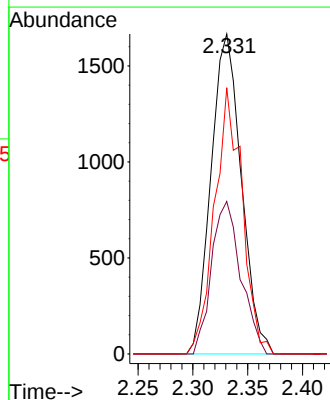
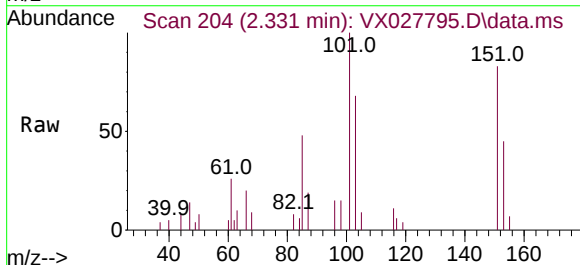
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

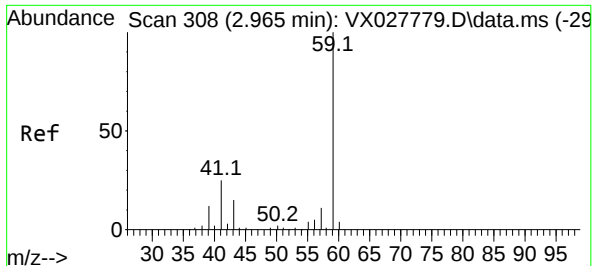
Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 84.6 75.3 112.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.999 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 101 Resp: 3200
Ion Ratio Lower Upper
101 100
85 46.2 33.5 50.3
151 75.7 61.8 92.6





#11

Tert butyl alcohol

Concen: 1.907 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

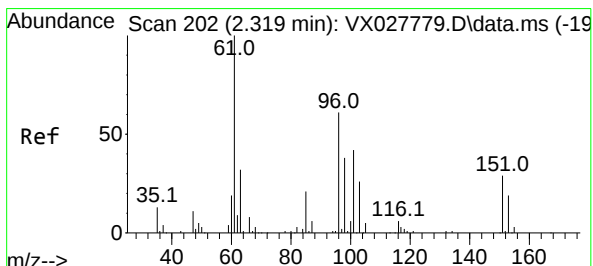
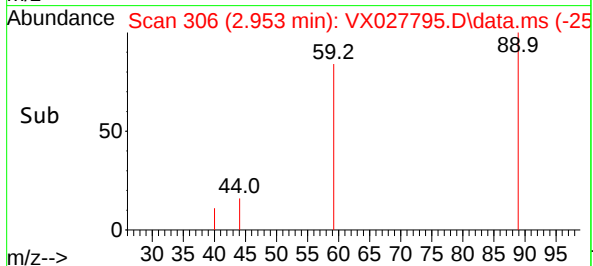
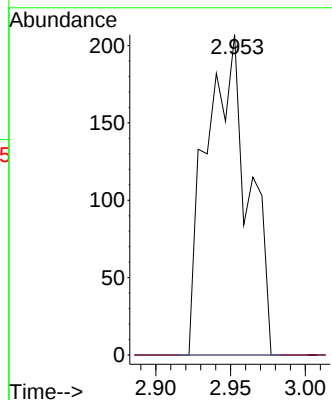
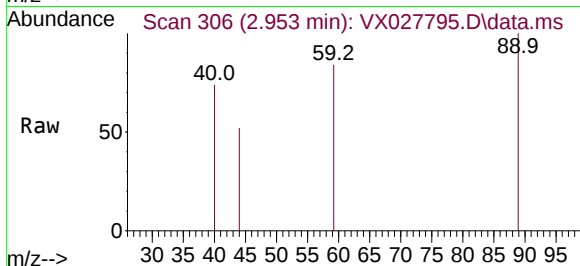
RE125D1-20220317

Tgt Ion: 59 Resp: 404

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.981 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

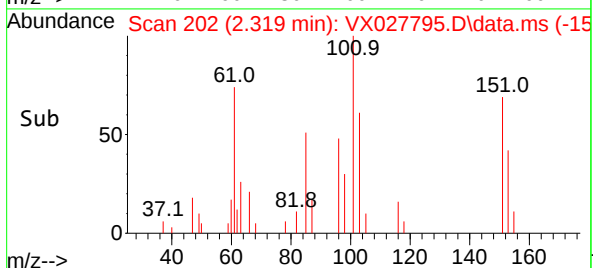
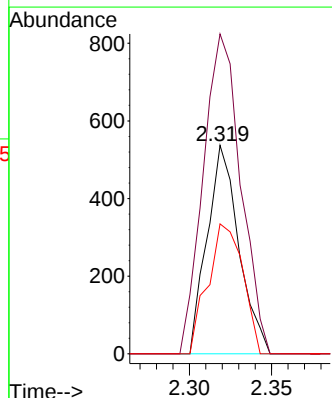
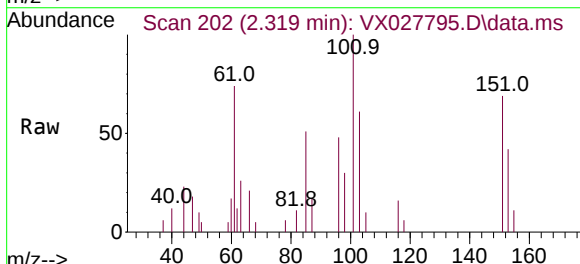
Tgt Ion: 96 Resp: 720

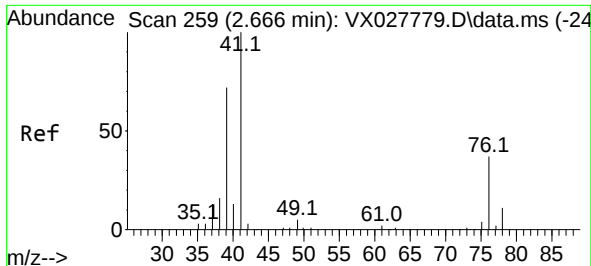
Ion Ratio Lower Upper

96 100

61 153.4 124.6 187.0

98 62.4 51.0 76.4

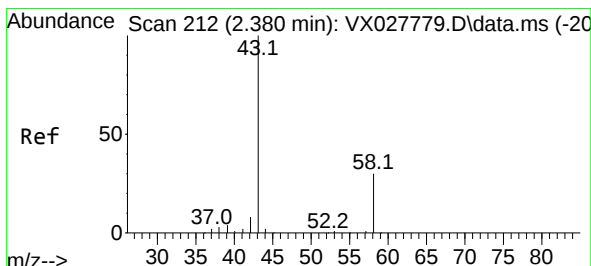
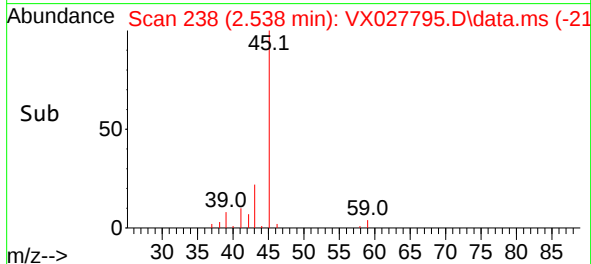
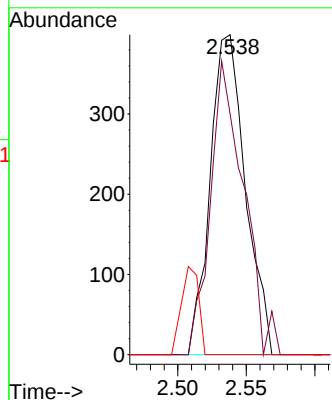
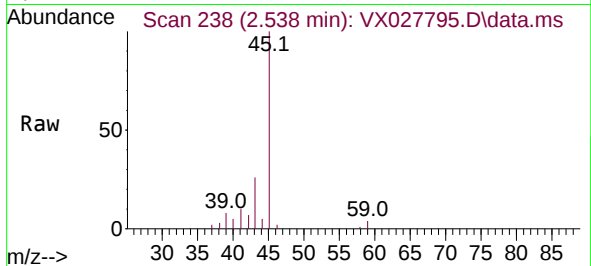




#14
 Allyl chloride
 Concen: 0.531 ug/l
 RT: 2.538 min Scan# 21
 Delta R.T. -0.128 min
 Lab File: VX027795.D
 Acq: 29 Mar 2022 23:50

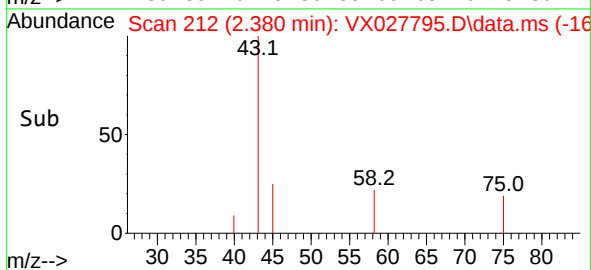
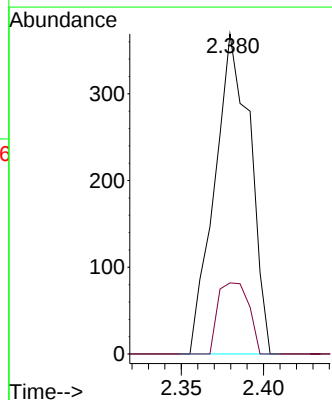
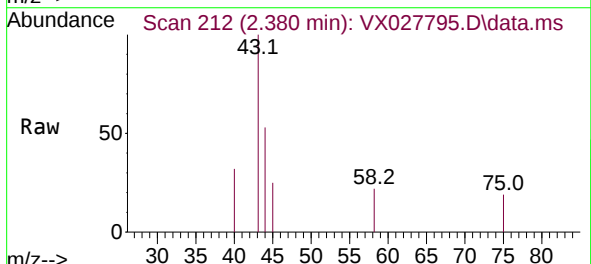
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20220317

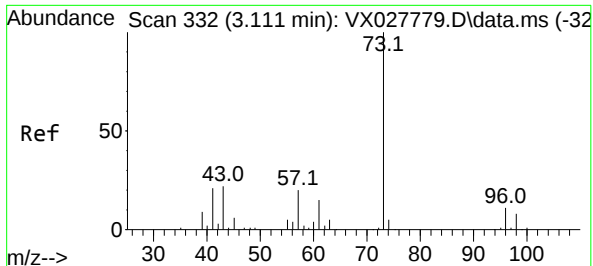
Tgt Ion: 41 Resp: 716
 Ion Ratio Lower Upper
 41 100
 39 86.3 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.137 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027795.D
 Acq: 29 Mar 2022 23:50

Tgt Ion: 43 Resp: 555
 Ion Ratio Lower Upper
 43 100
 58 22.2 28.8 43.2#





#19

Methyl tert-butyl Ether

Concen: 0.591 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

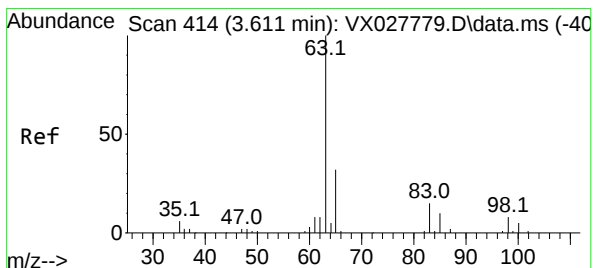
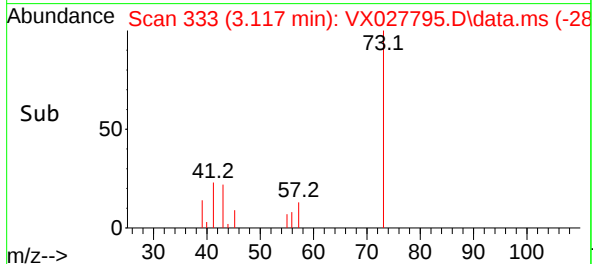
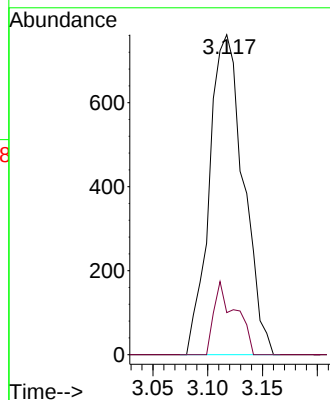
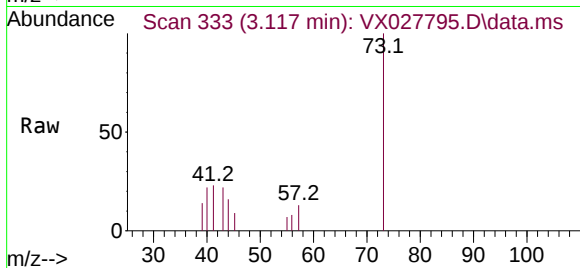
RE125D1-20220317

Tgt Ion: 73 Resp: 1654

Ion Ratio Lower Upper

73 100

57 13.1 16.8 25.2#



#24

1,1-Dichloroethane

Concen: 0.768 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

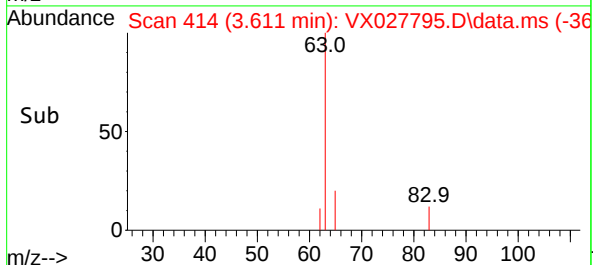
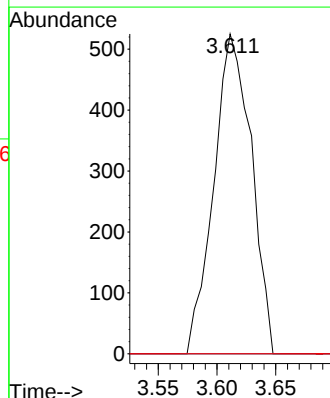
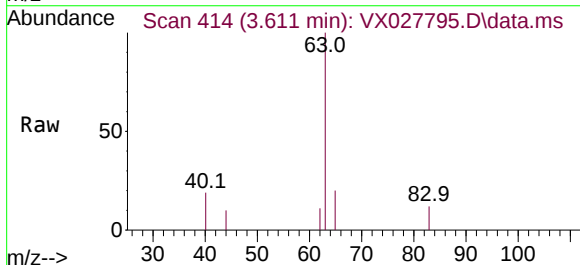
Tgt Ion: 63 Resp: 1167

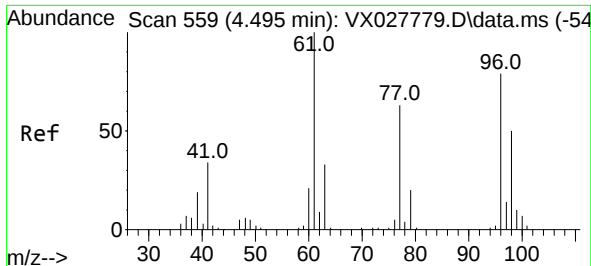
Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 3.055 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317

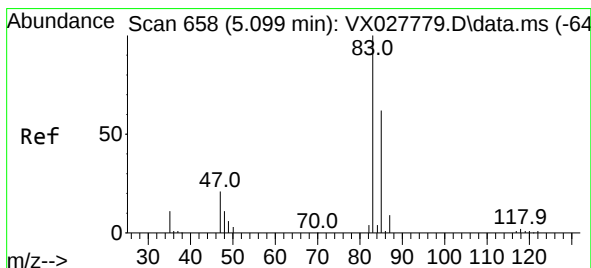
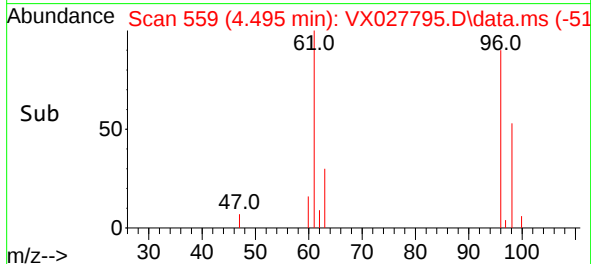
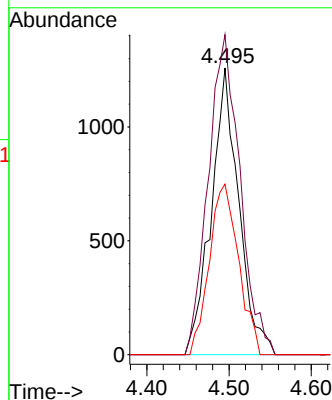
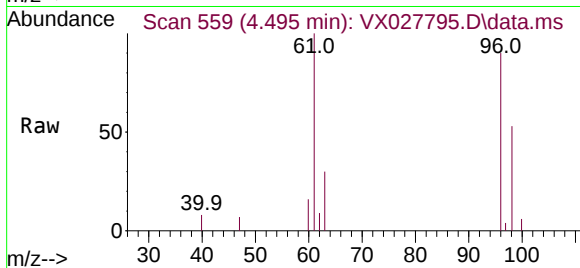
Tgt Ion: 96 Resp: 2936

Ion Ratio Lower Upper

96 100

61 128.5 0.0 283.8

98 63.0 0.0 129.8



#30

Chloroform

Concen: 0.611 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX027795.D

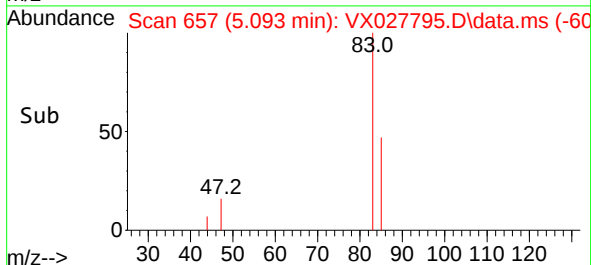
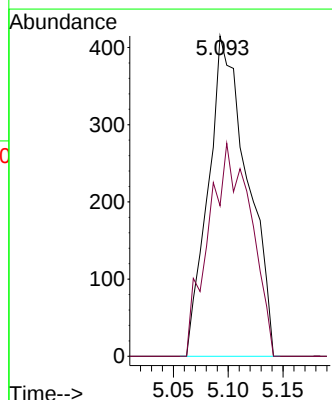
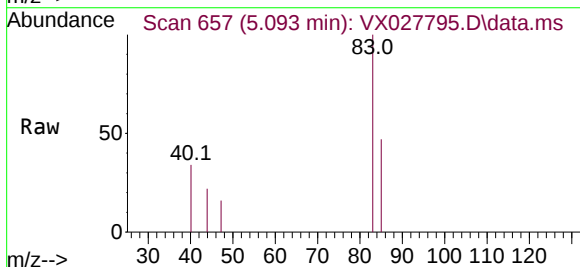
Acq: 29 Mar 2022 23:50

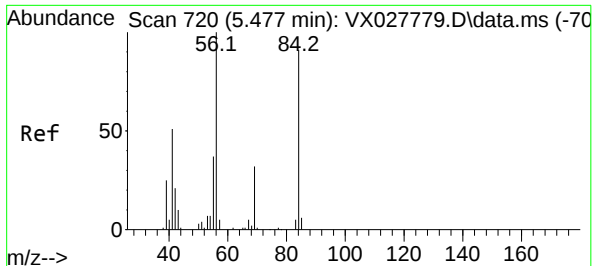
Tgt Ion: 83 Resp: 1032

Ion Ratio Lower Upper

83 100

85 47.0 52.7 79.1#

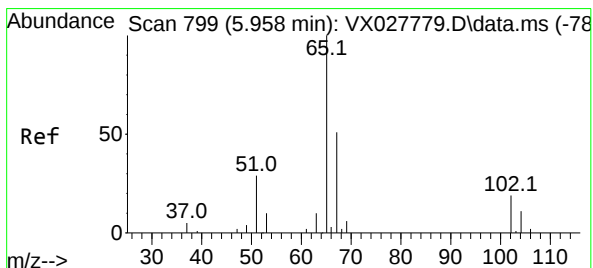
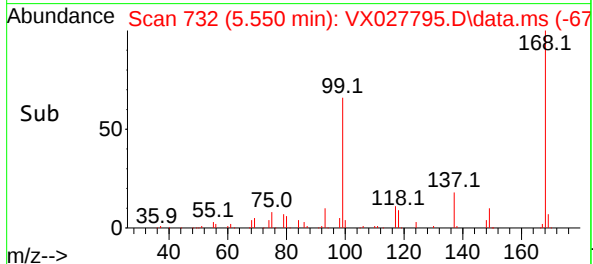
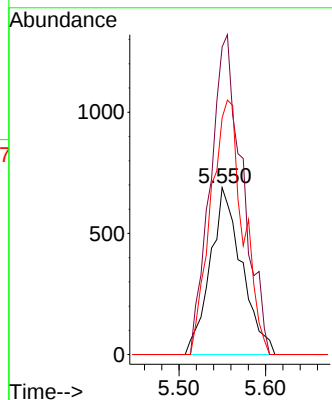
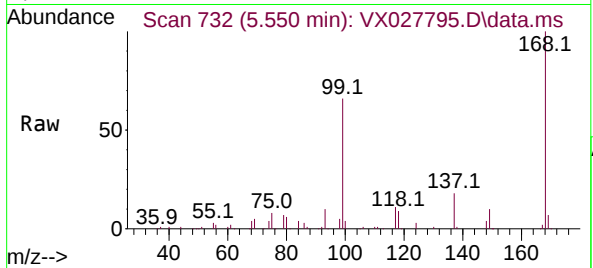




#31
Cyclohexane
Concen: 1.436 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

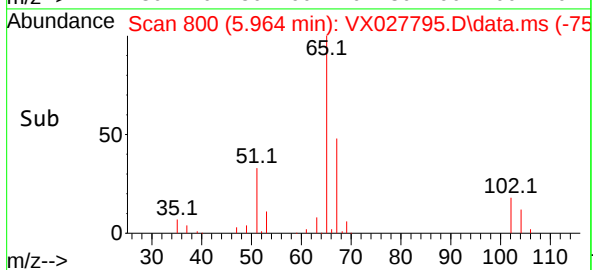
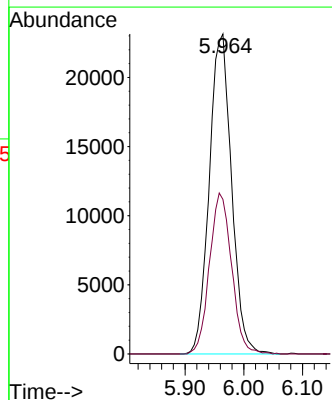
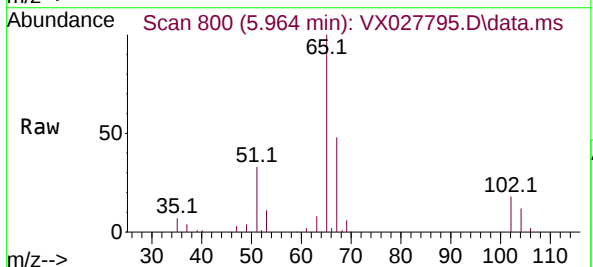
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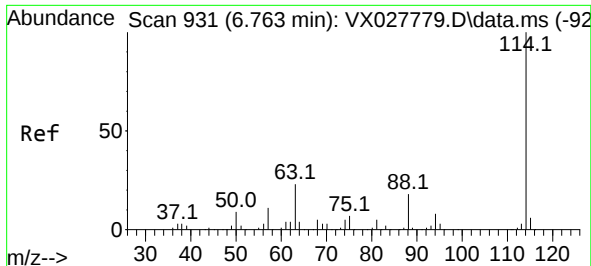
Tgt Ion: 56 Resp: 1750
Ion Ratio Lower Upper
56 100
69 184.2 26.7 40.1#
84 141.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.299 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 65 Resp: 60975
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

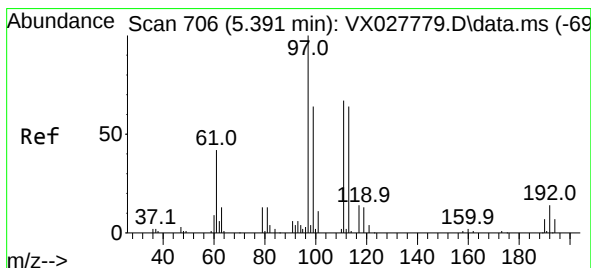
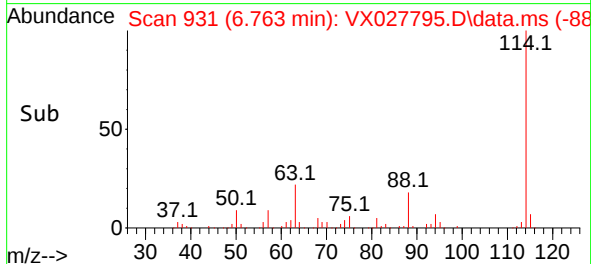
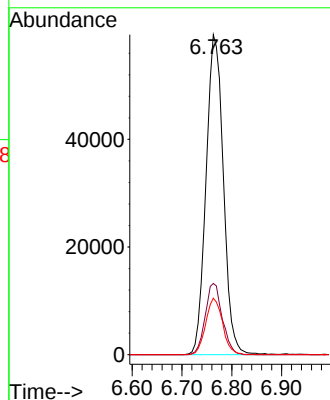
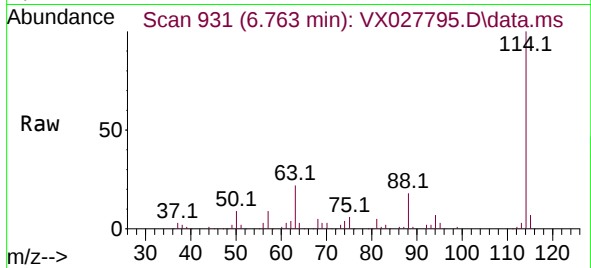




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

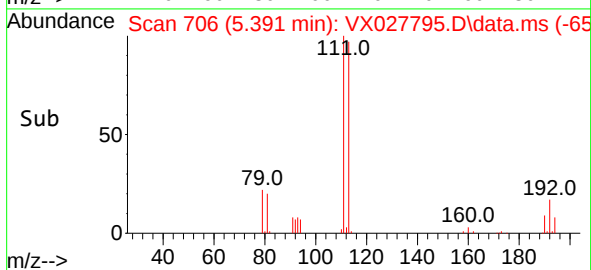
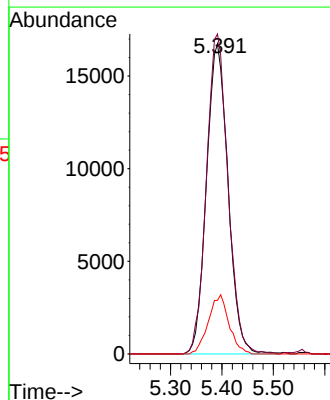
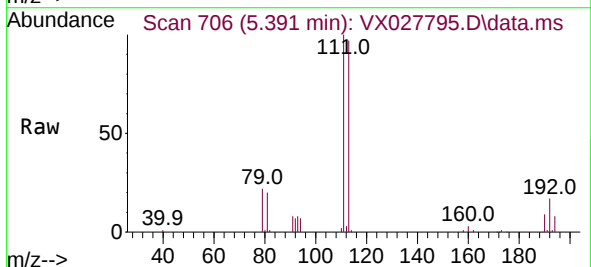
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

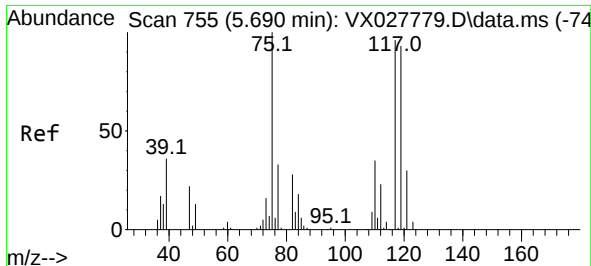
Tgt Ion:114 Resp: 143533
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.8
88 17.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.791 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion:113 Resp: 48909
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.2 16.9 25.3

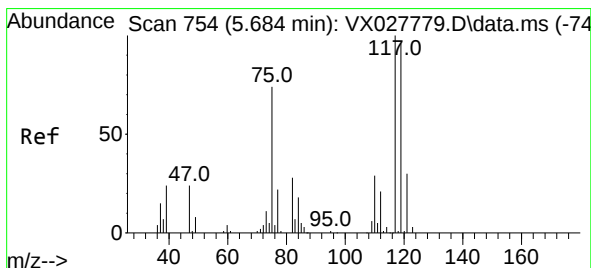
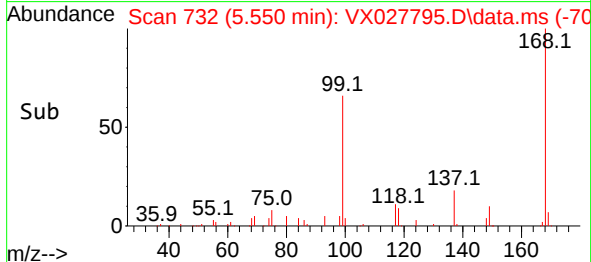
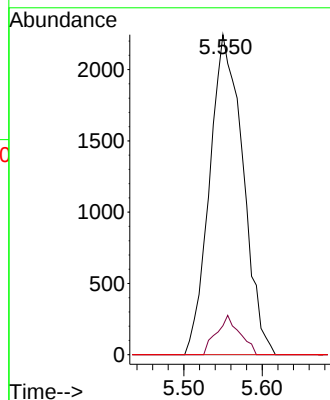
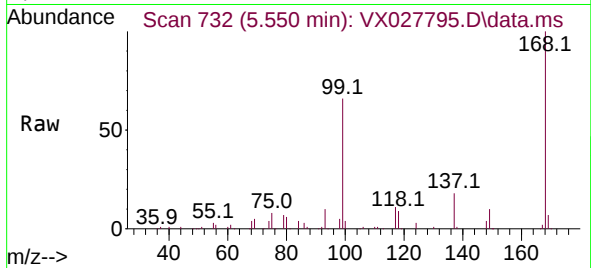




#36
1,1-Dichloropropene
Concen: 5.681 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

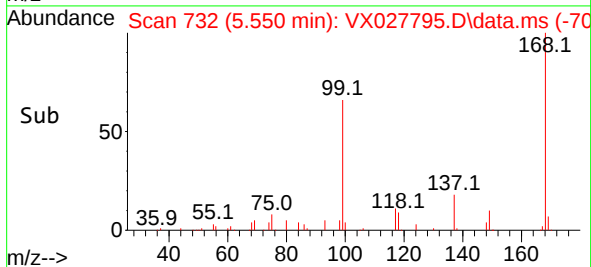
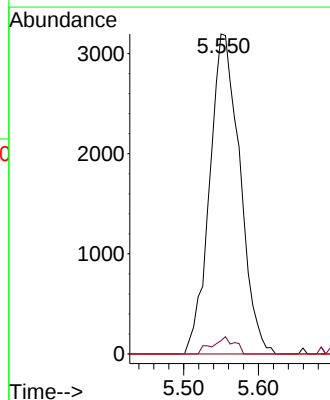
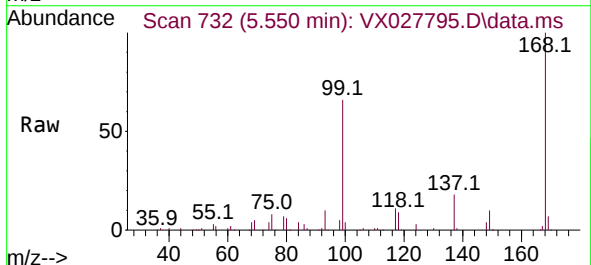
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

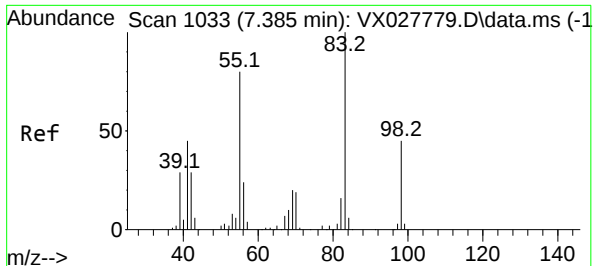
Tgt Ion: 75 Resp: 6629
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.971 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 117 Resp: 8987
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.497 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317

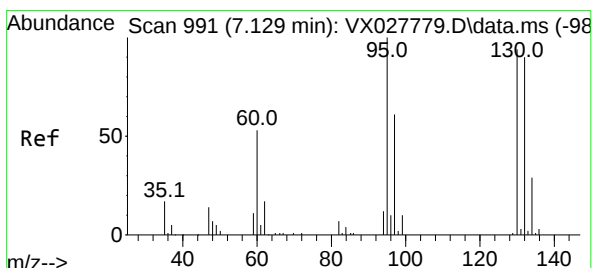
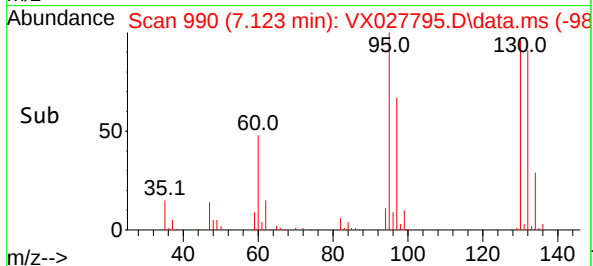
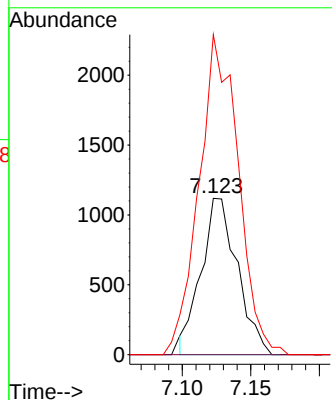
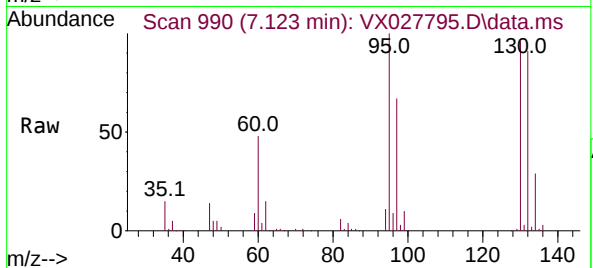
Tgt Ion: 83 Resp: 2056

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 200.0 37.4 56.2#



#44

Trichloroethene

Concen: 182.490 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027795.D

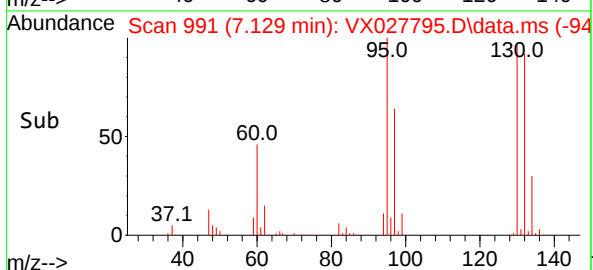
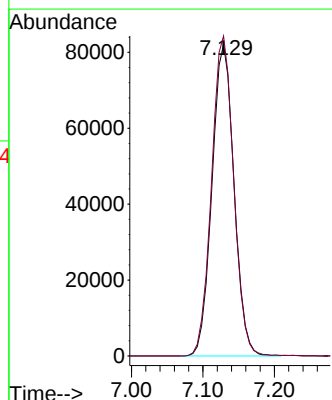
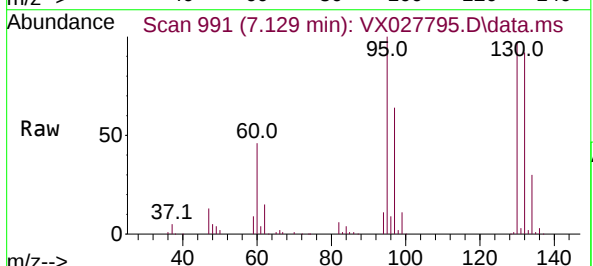
Acq: 29 Mar 2022 23:50

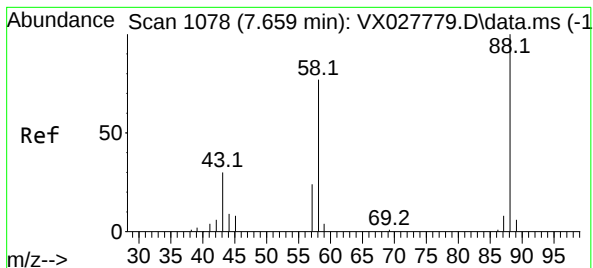
Tgt Ion:130 Resp: 175375

Ion Ratio Lower Upper

130 100

95 102.7 0.0 188.8





#49

1,4-Dioxane

Concen: 19.552 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317

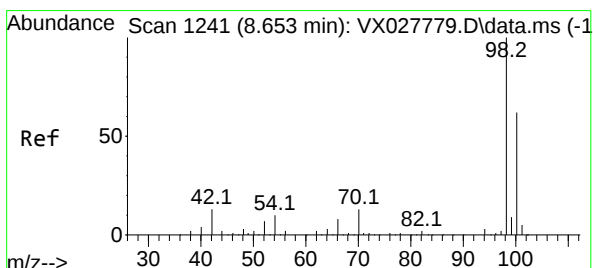
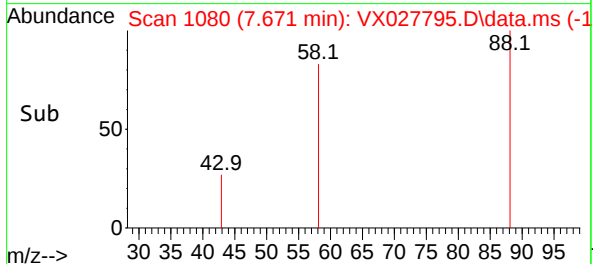
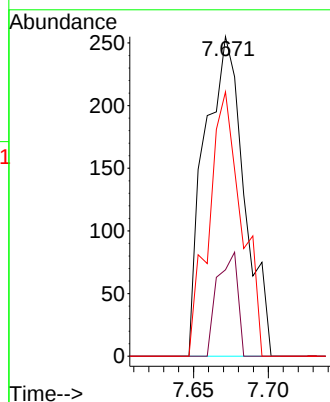
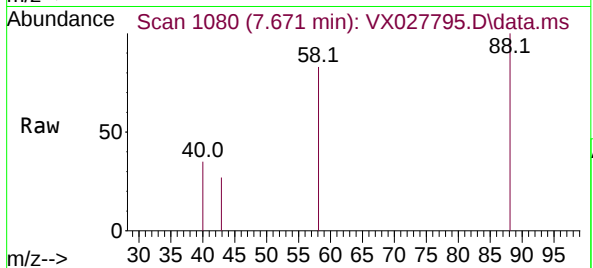
Tgt Ion: 88 Resp: 469

Ion Ratio Lower Upper

88 100

43 16.8 21.9 32.9#

58 68.4 53.7 80.5



#50

Toluene-d8

Concen: 52.279 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027795.D

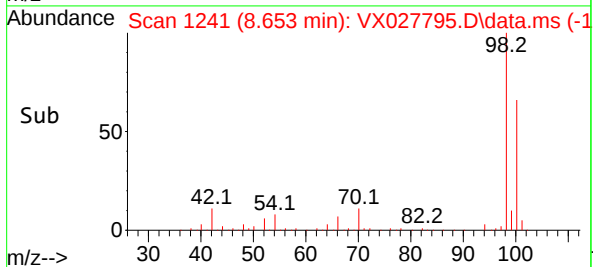
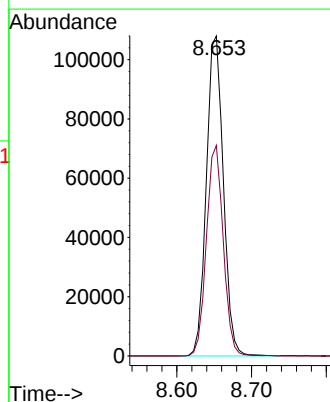
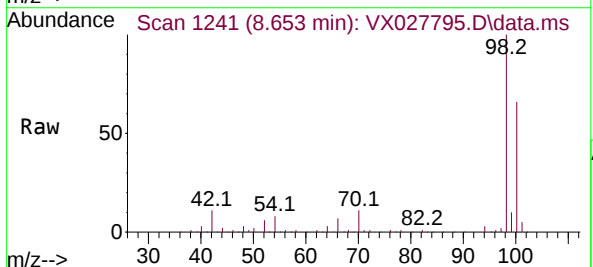
Acq: 29 Mar 2022 23:50

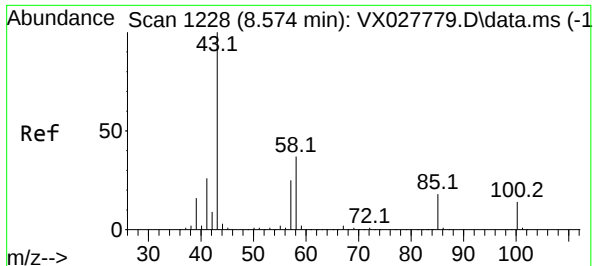
Tgt Ion: 98 Resp: 170415

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

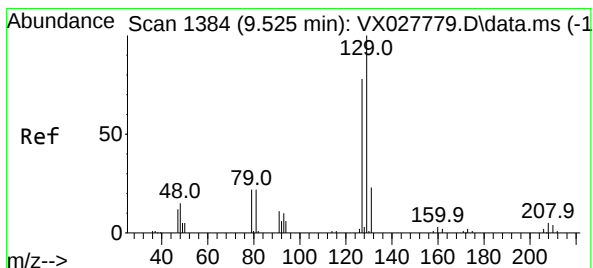
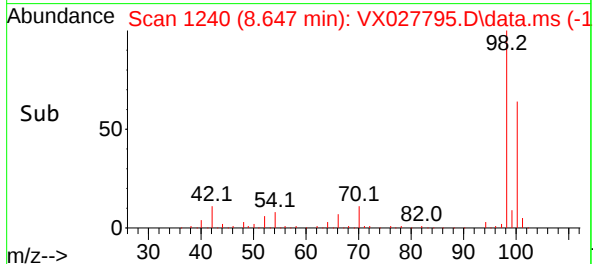
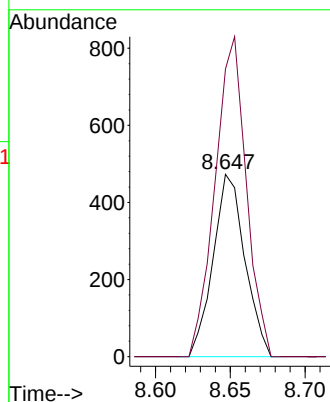
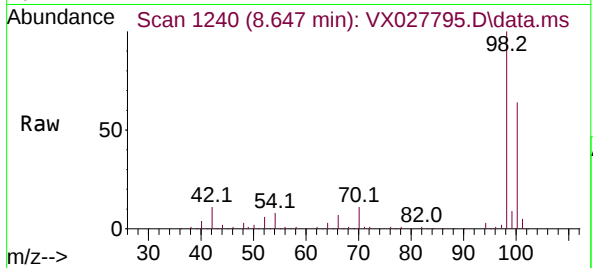




#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

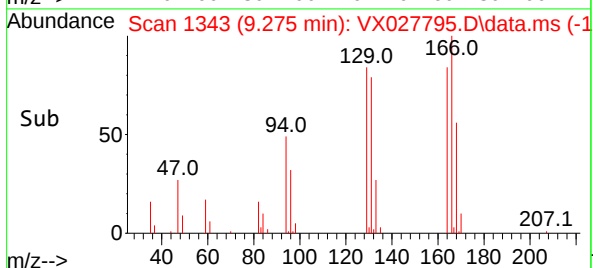
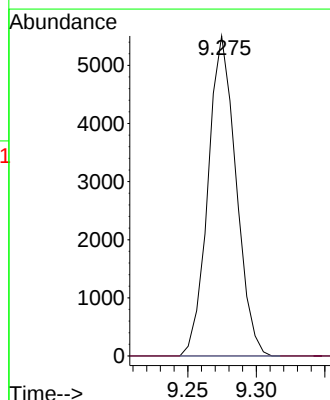
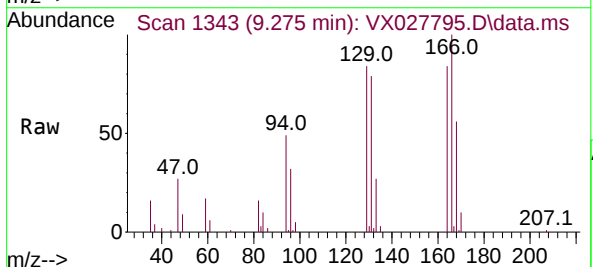
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

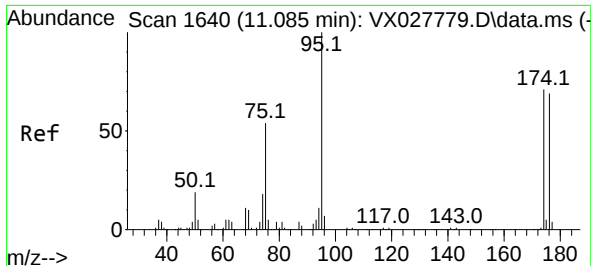
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 172.2 36.1 54.1#



#60
Dibromochloromethane
Concen: 7.656 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 129 Resp: 7843
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 46.500 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027795.D

Acq: 29 Mar 2022 23:50

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317

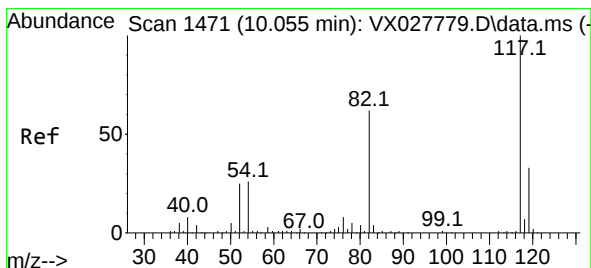
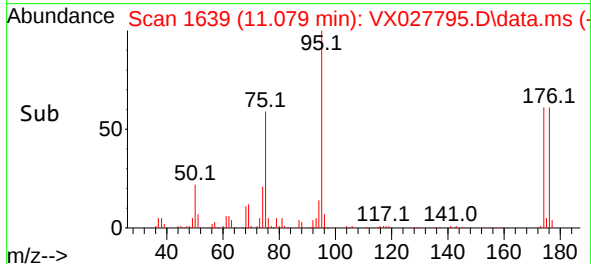
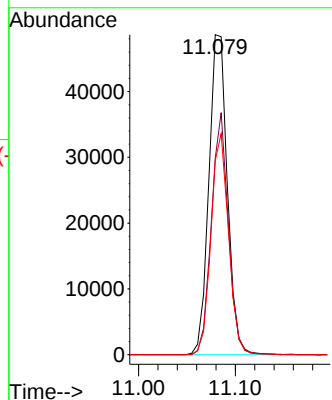
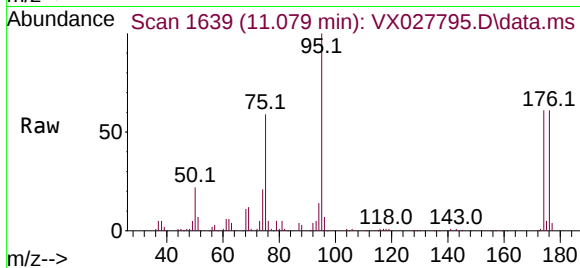
Tgt Ion: 95 Resp: 64415

Ion Ratio Lower Upper

95 100

174 69.5 0.0 163.0

176 65.6 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: VX027795.D

Acq: 29 Mar 2022 23:50

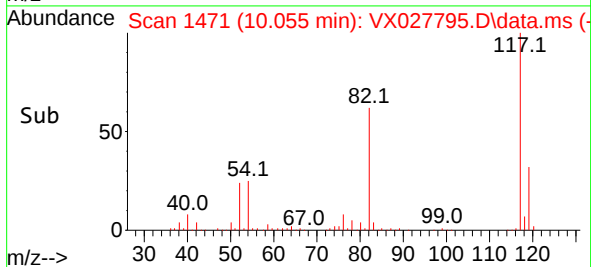
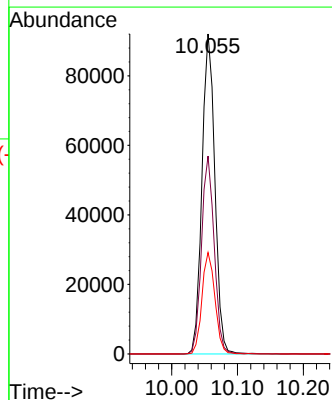
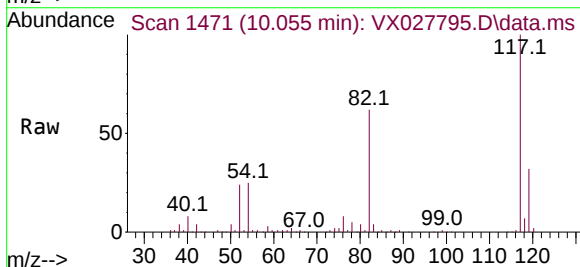
Tgt Ion: 117 Resp: 125108

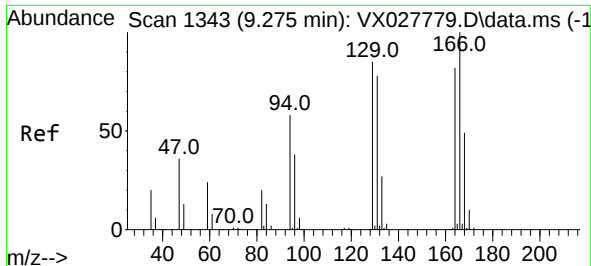
Ion Ratio Lower Upper

117 100

82 61.9 41.8 62.8

119 31.7 24.8 37.2

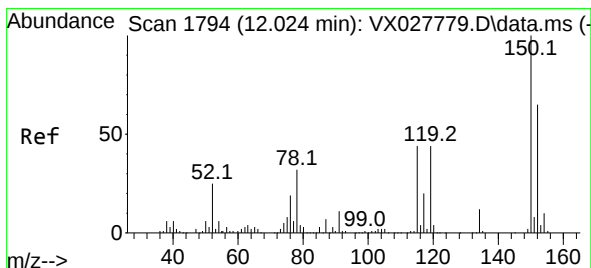
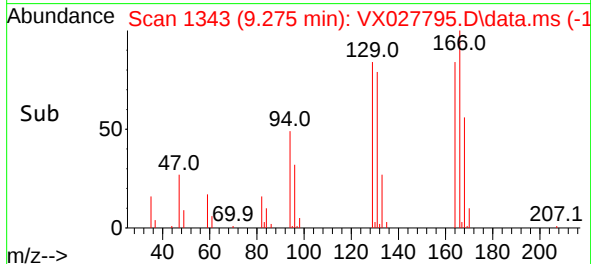
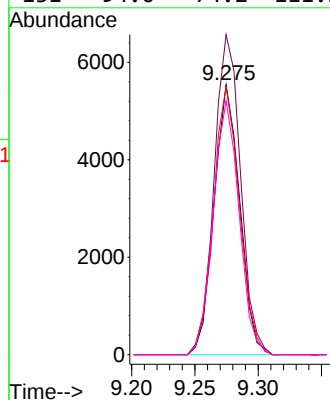
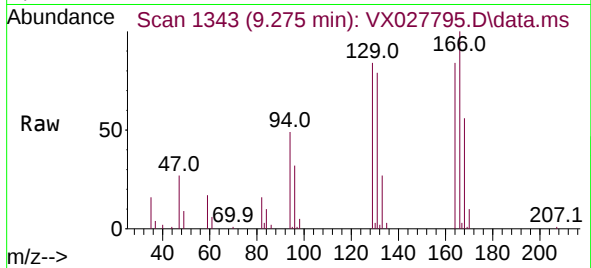




#64
Tetrachloroethene
Concen: 9.222 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

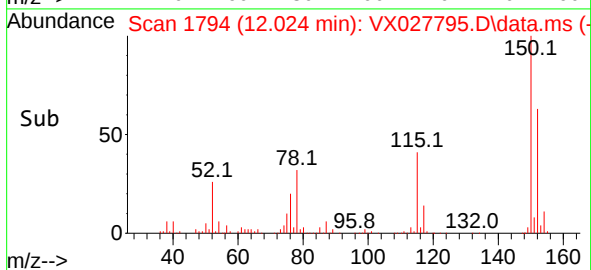
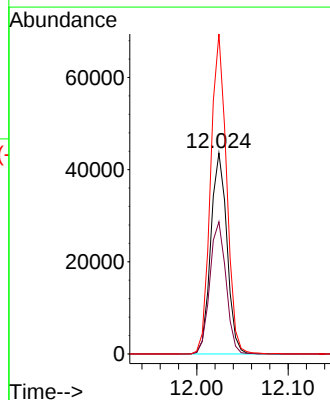
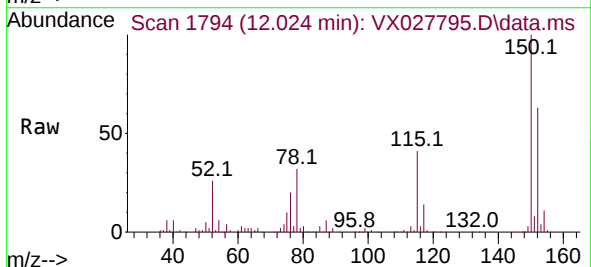
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

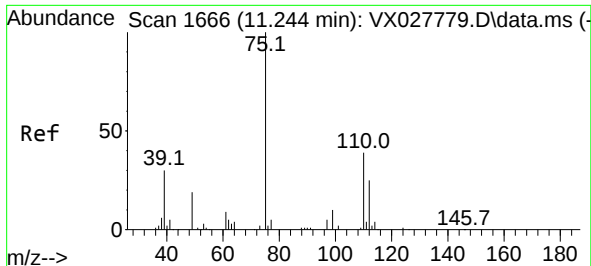
Tgt Ion:164	Resp:	7823	
Ion	Ratio	Lower	Upper
164	100		
166	118.6	101.2	151.8
129	99.4	73.0	109.4
131	94.0	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion:152	Resp:	53503	
Ion	Ratio	Lower	Upper
152	100		
115	65.8	37.5	112.7
150	156.8	0.0	338.2

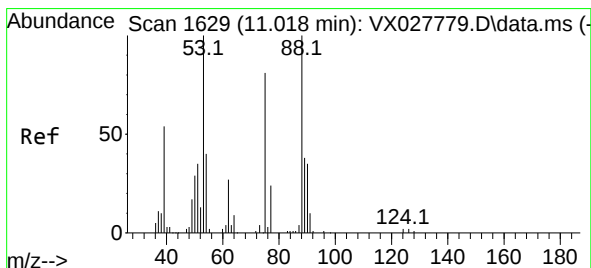
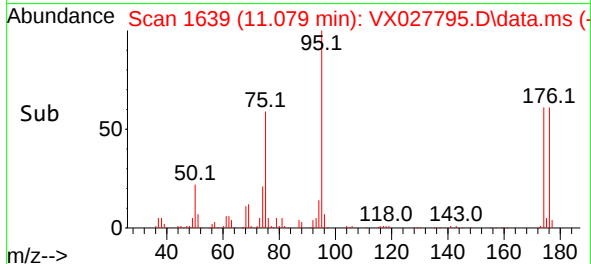
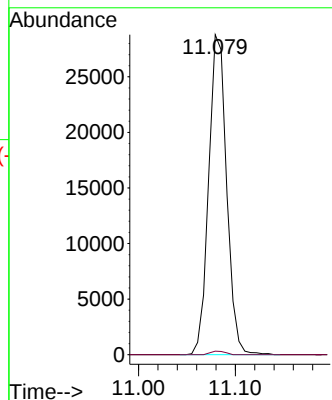
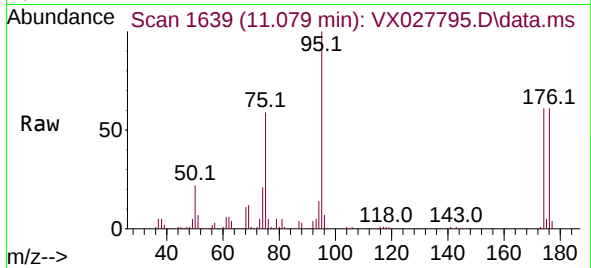




#76
1,2,3-Trichloropropane
Concen: 29.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317

Tgt Ion: 75 Resp: 37075
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027795.D
Acq: 29 Mar 2022 23:50

Tgt Ion: 75 Resp: 37075
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

