

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027557.D
 Acq On : 19 Mar 2022 13:59
 Operator : JC/MD
 Sample : N2000-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D3-20220315

Quant Time: Mar 21 01:21:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

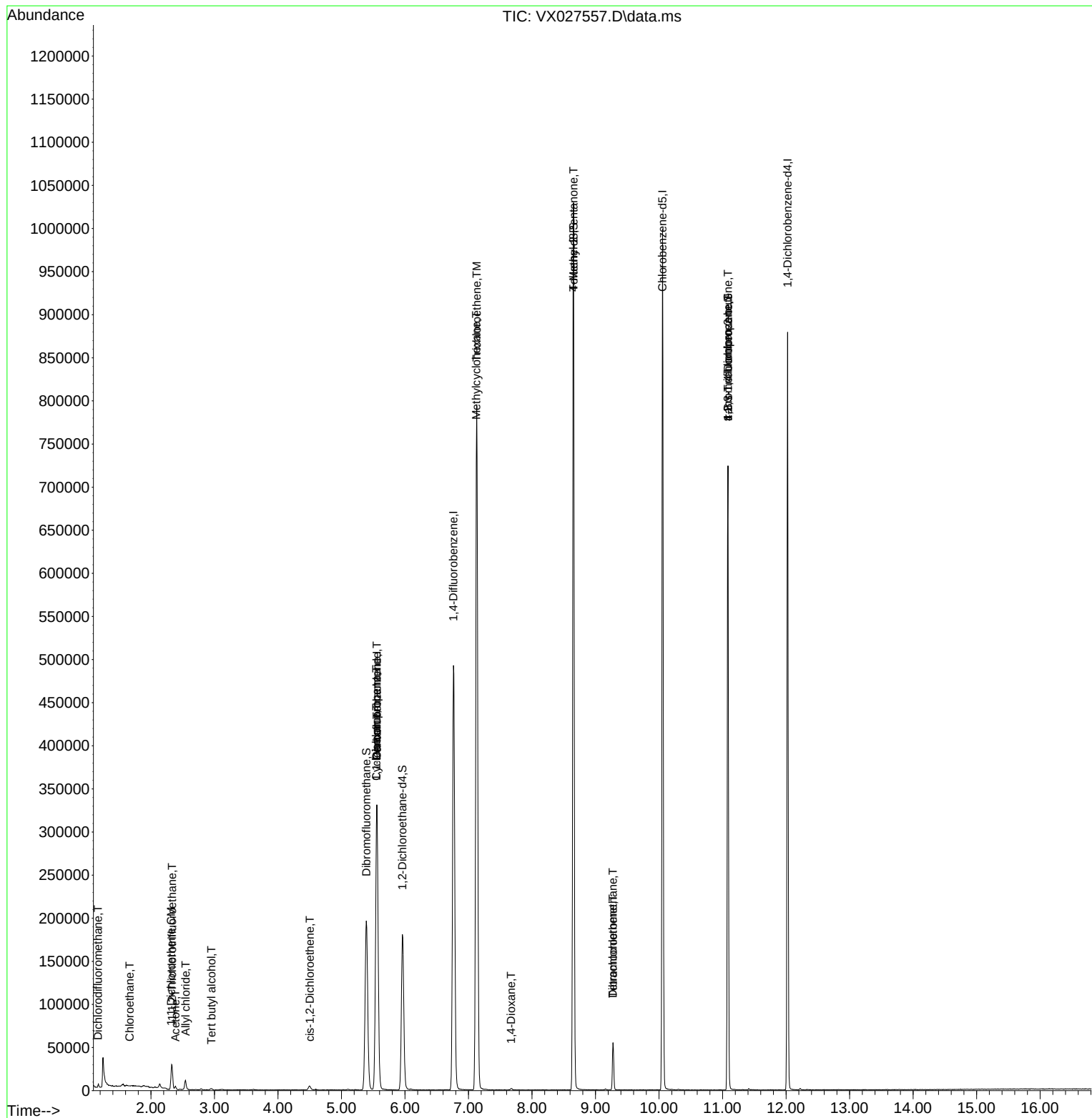
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	340299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	551896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171378	40.881	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.760%
35) Dibromofluoromethane	5.391	113	177298	49.932	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.860%
50) Toluene-d8	8.653	98	639949	47.627	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.260%
62) 4-Bromofluorobenzene	11.085	95	199736	40.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1434	0.439	ug/l	86
5) Bromomethane	1.618	94	668	Below Cal	#	65
6) Chloroethane	1.666	64	616	0.300	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	10649	3.233	ug/l	93
11) Tert butyl alcohol	2.953	59	983	1.230	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	1487	0.471	ug/l	83
14) Allyl chloride	2.544	41	1218	0.246	ug/l #	64
16) Acetone	2.386	43	3344	1.957	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	3176	0.812	ug/l	88
31) Cyclohexane	5.550	56	5263	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20695	4.265	ug/l #	49
38) Carbon Tetrachloride	5.556	117	31958	5.757	ug/l #	16
39) Methylcyclohexane	7.123	83	3449	0.565	ug/l #	1
44) Trichloroethene	7.129	130	341198	80.738	ug/l	99
49) 1,4-Dioxane	7.671	88	1585	16.024	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	2138	0.430	ug/l #	1
60) Dibromochloromethane	9.275	129	11019	2.635	ug/l #	9
64) Tetrachloroethene	9.275	164	11465	3.031	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	88418	21.880	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	88418	66.451	ug/l #	15

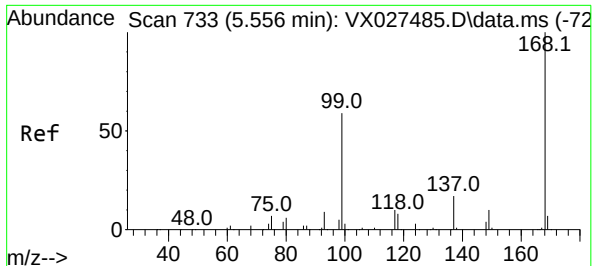
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX027557.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

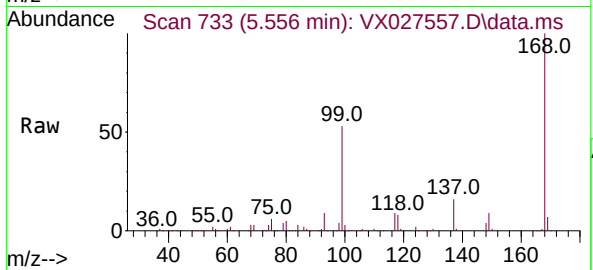
Quant Time: Mar 21 01:21:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



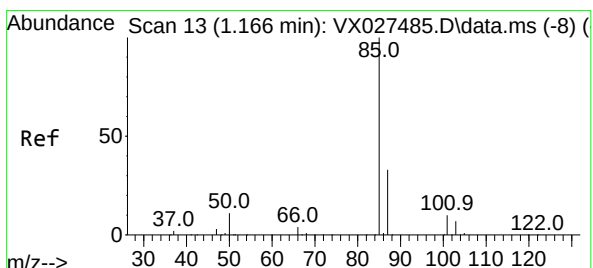
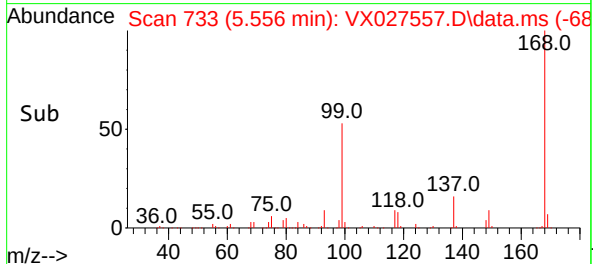
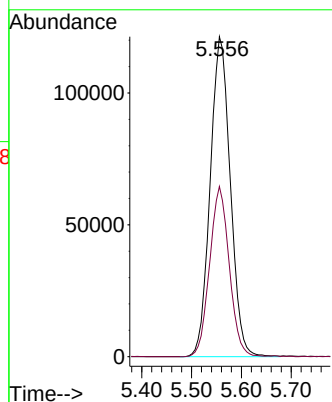


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

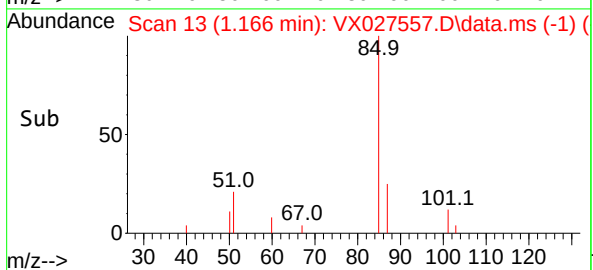
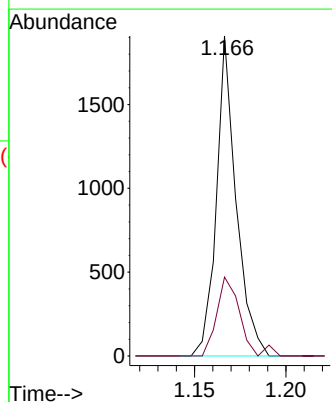
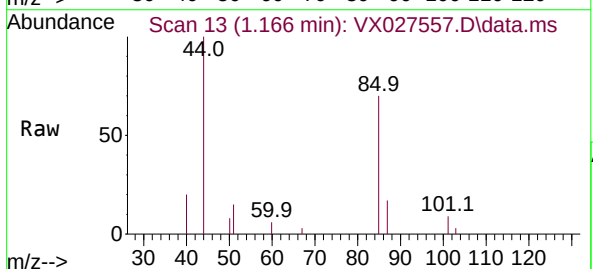


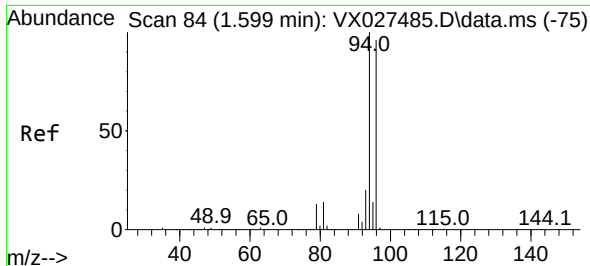
Tgt Ion:168 Resp: 340299
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.439 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 85 Resp: 1434
Ion Ratio Lower Upper
85 100
87 24.7 16.2 48.6

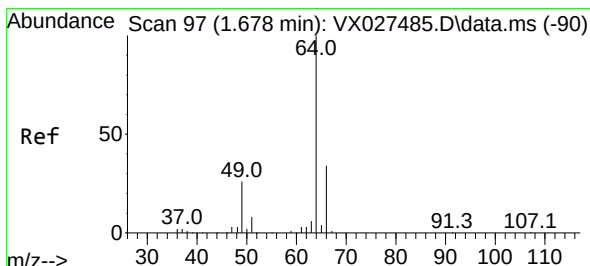
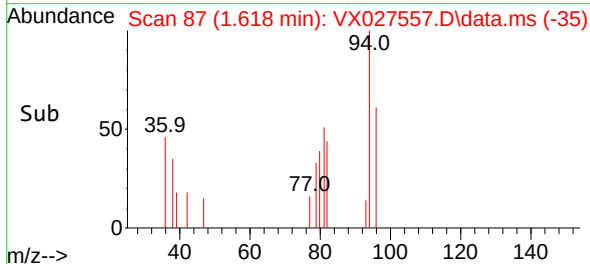
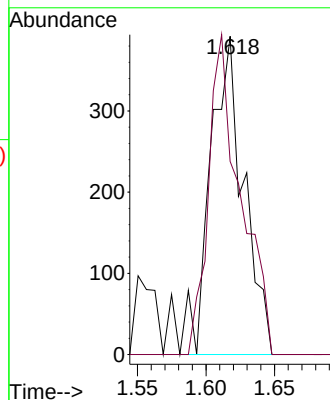
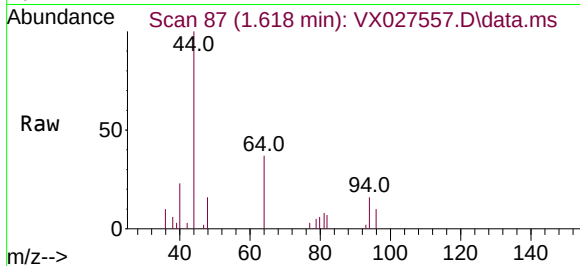




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

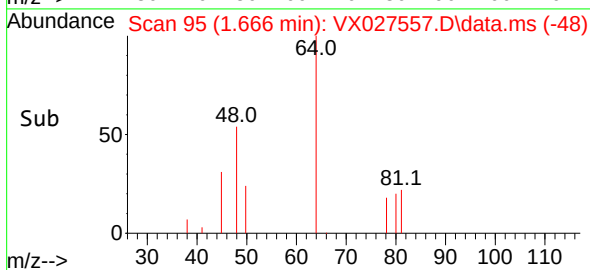
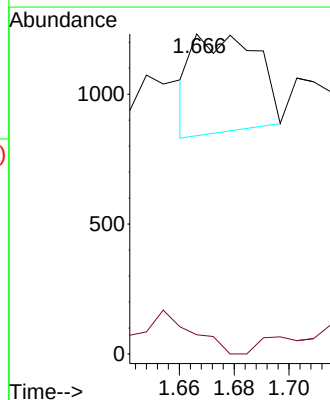
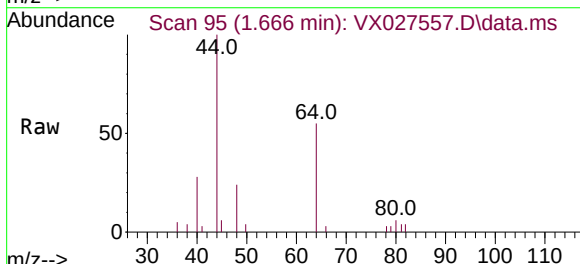
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

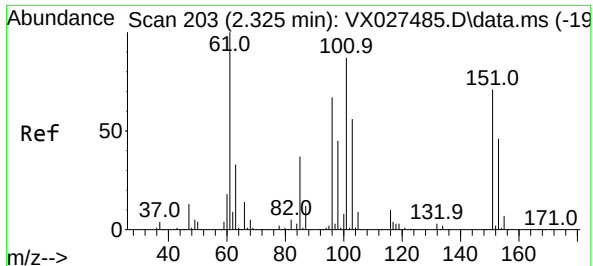
Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 60.7 75.3 112.9#



#6
Chloroethane
Concen: 0.300 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 64 Resp: 616
Ion Ratio Lower Upper
64 100
66 2.3 25.3 37.9#

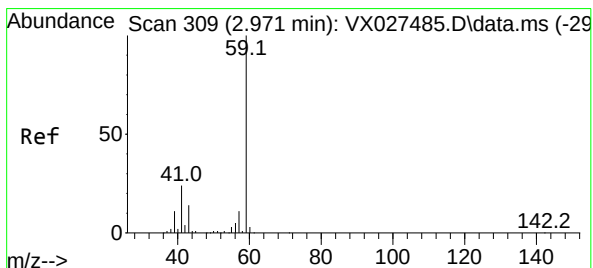
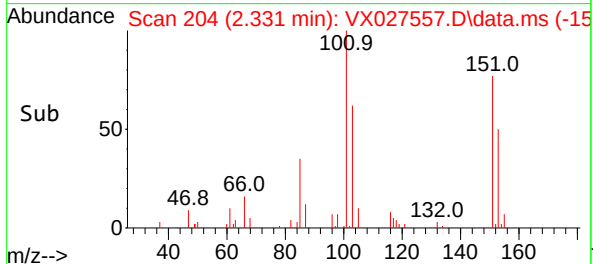
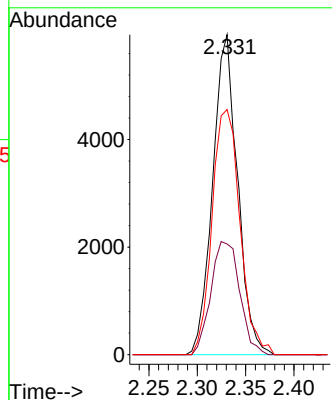
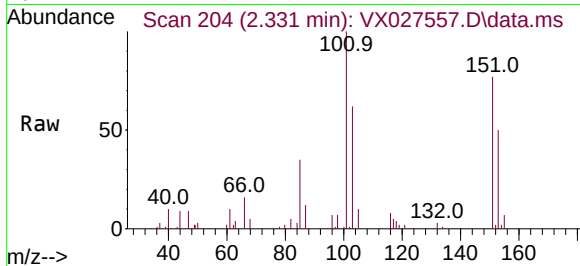




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.233 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

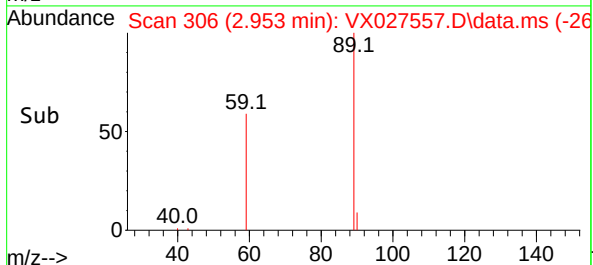
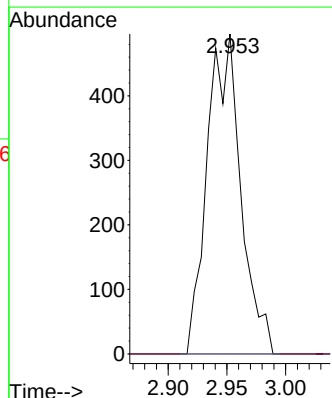
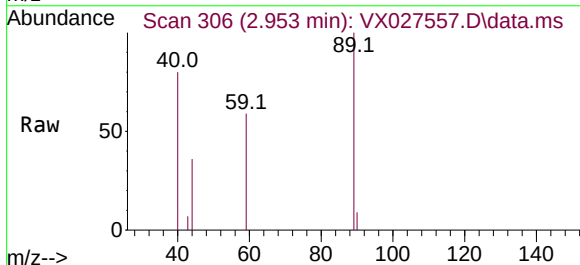
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

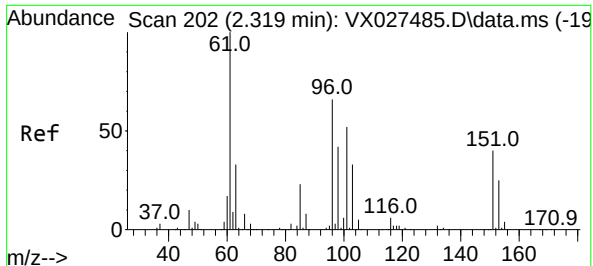
Tgt Ion:101 Resp: 10649
Ion Ratio Lower Upper
101 100
85 40.9 33.5 50.3
151 85.7 61.8 92.6



#11
Tert butyl alcohol
Concen: 1.230 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 59 Resp: 983
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.471 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027557.D

Acq: 19 Mar 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE-132D3-20220315

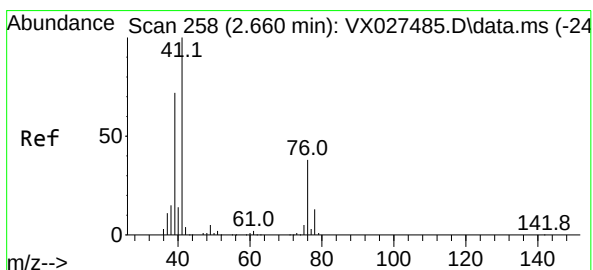
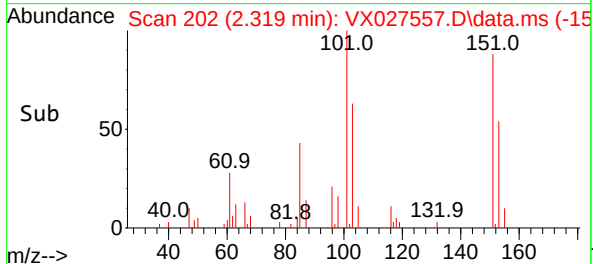
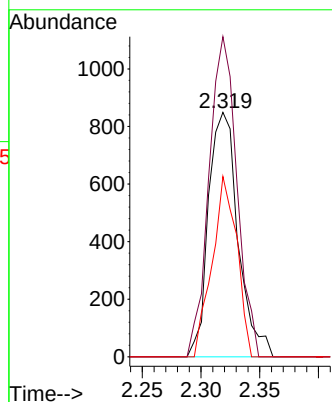
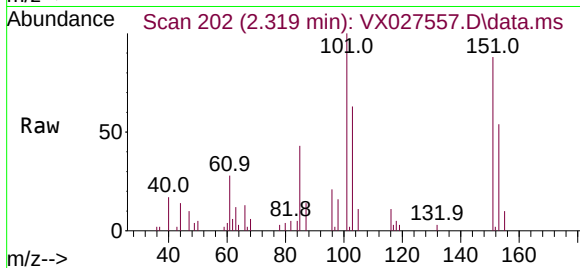
Tgt Ion: 96 Resp: 1487

Ion Ratio Lower Upper

96 100

61 131.0 124.6 187.0

98 73.7 51.0 76.4



#14

Allyl chloride

Concen: 0.246 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.116 min

Lab File: VX027557.D

Acq: 19 Mar 2022 13:59

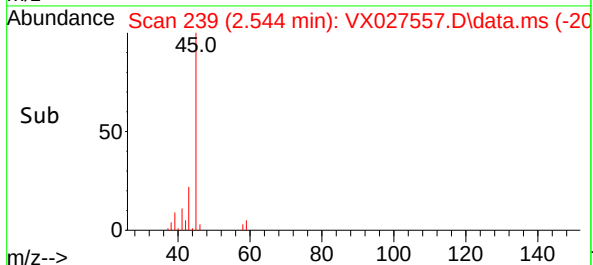
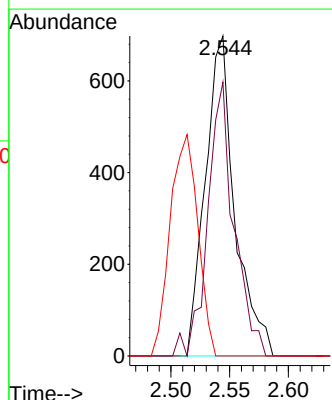
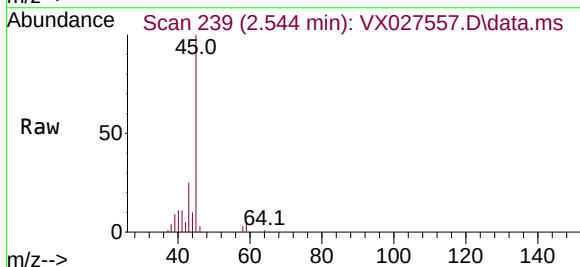
Tgt Ion: 41 Resp: 1218

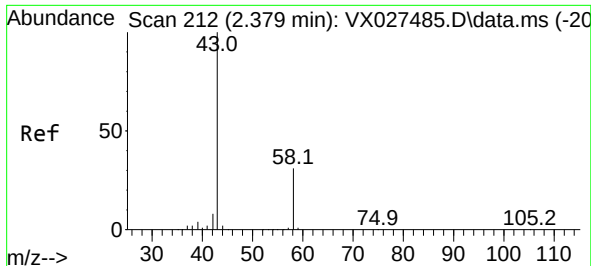
Ion Ratio Lower Upper

41 100

39 76.1 50.4 75.6#

76 0.0 32.7 49.1#

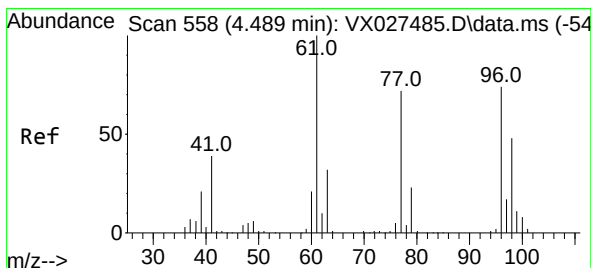
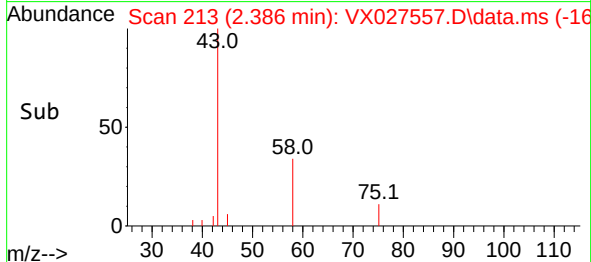
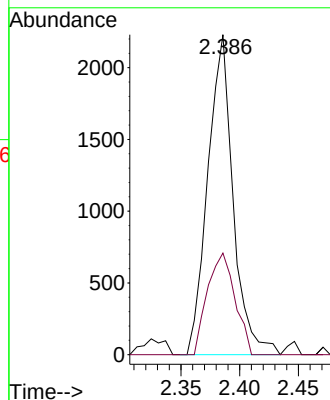
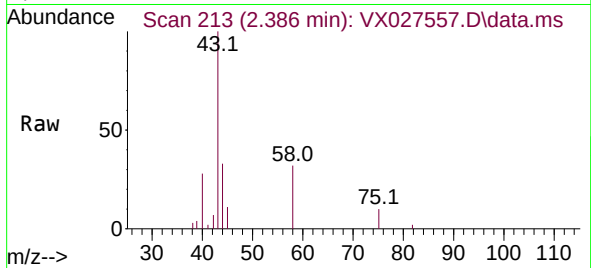




#16
Acetone
Concen: 1.957 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

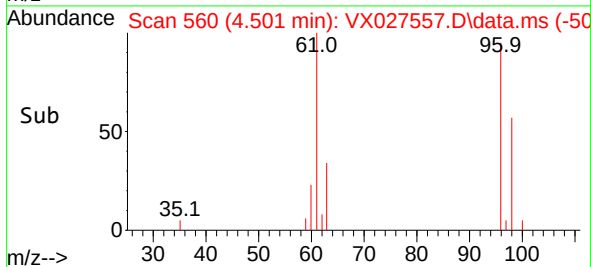
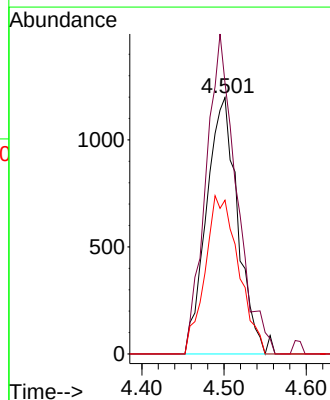
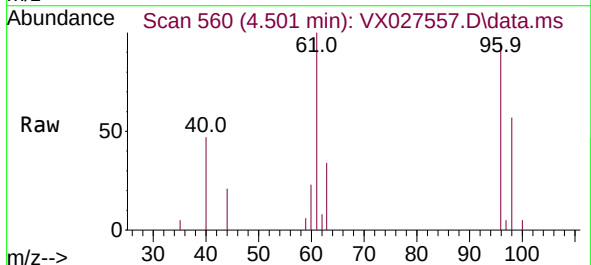
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

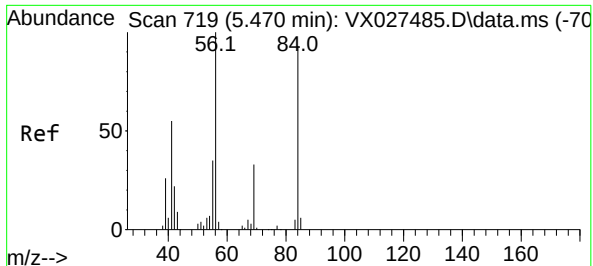
Tgt Ion: 43 Resp: 3344
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.812 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

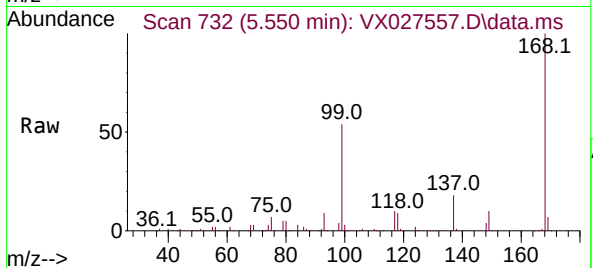
Tgt Ion: 96 Resp: 3176
Ion Ratio Lower Upper
96 100
61 121.9 0.0 283.8
98 66.0 0.0 129.8



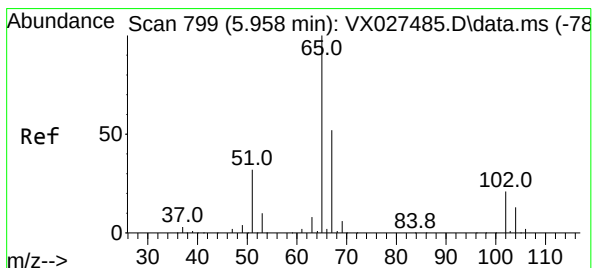
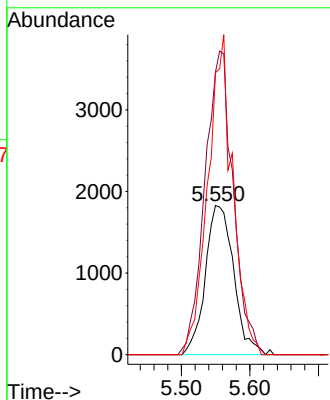
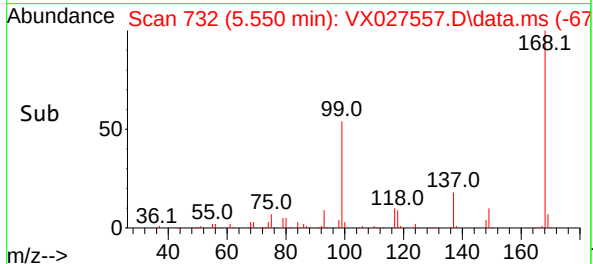


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

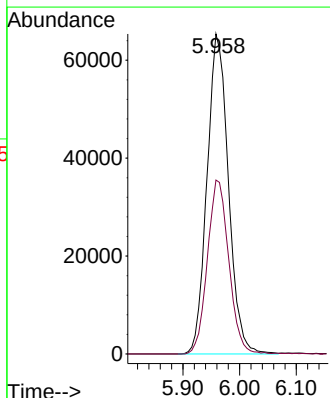
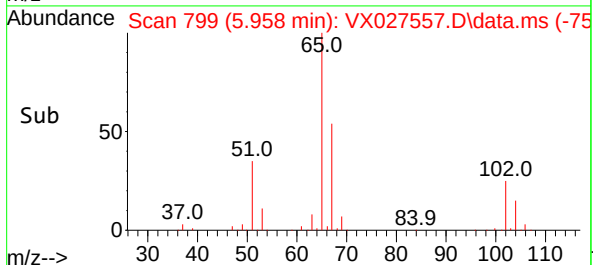
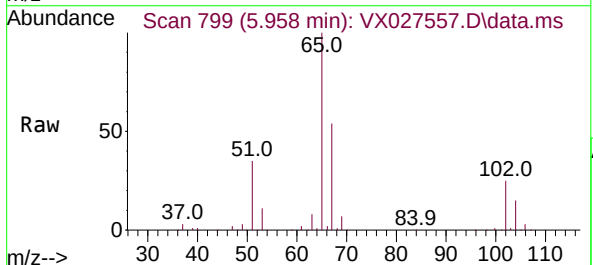


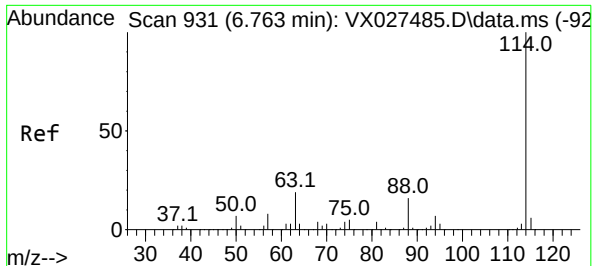
Tgt Ion: 56 Resp: 5263
Ion Ratio Lower Upper
56 100
69 189.4 26.7 40.1#
84 188.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.881 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 65 Resp: 171378
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.4

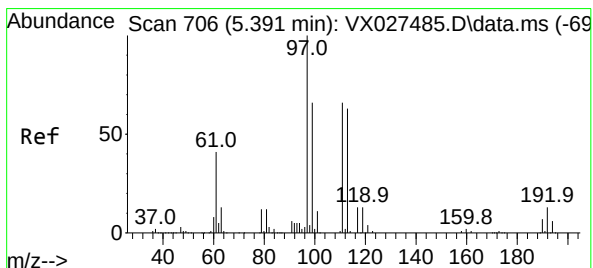
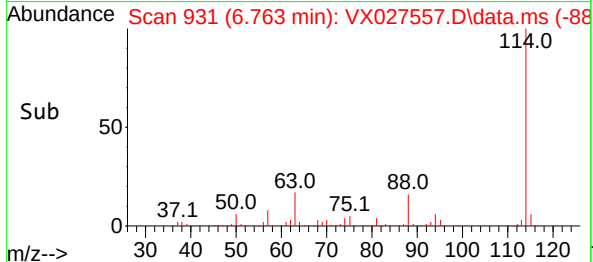
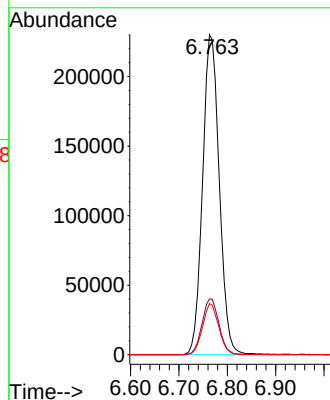
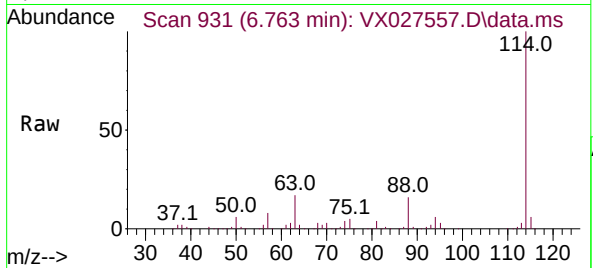




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

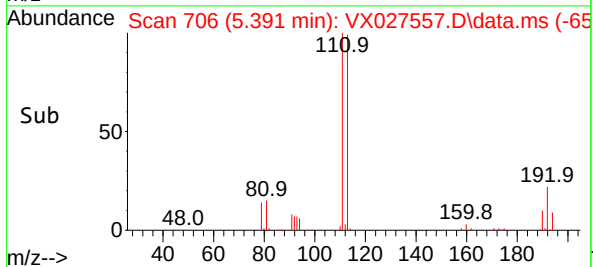
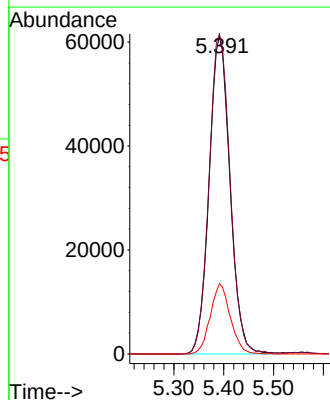
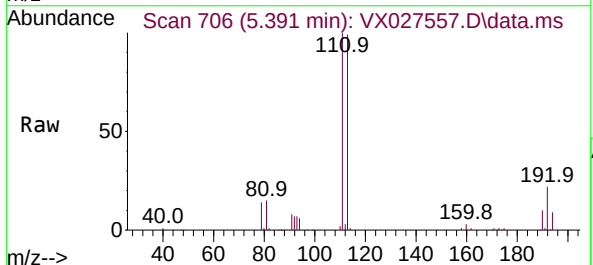
Instrument :
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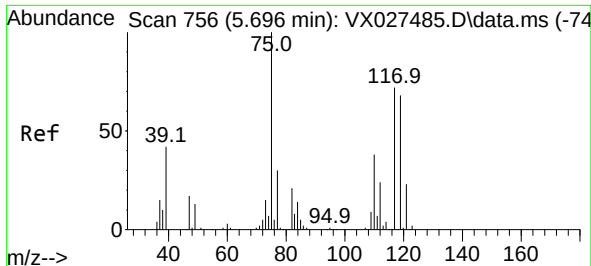
Tgt Ion:114 Resp: 551896
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion:113 Resp: 177298
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 21.2 16.9 25.3

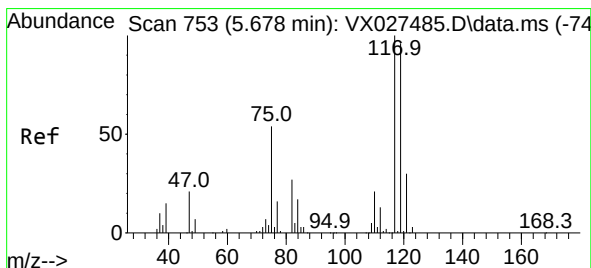
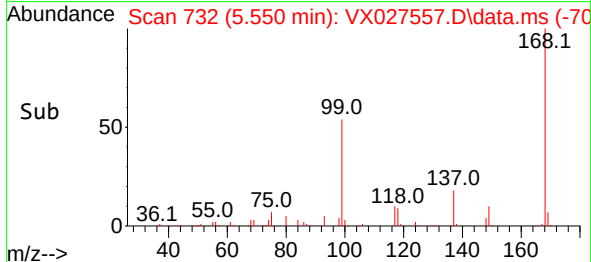
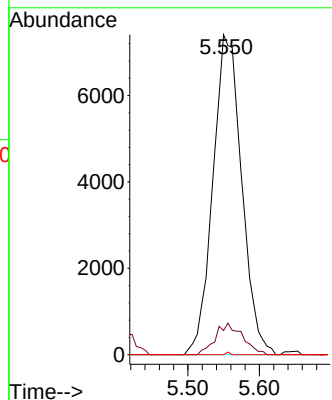
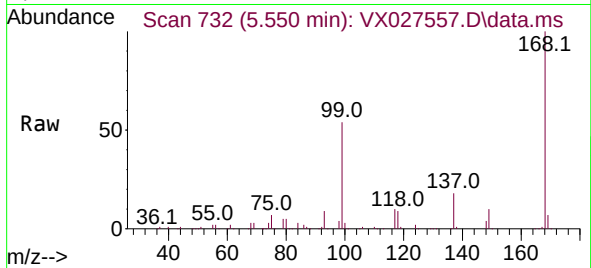




#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

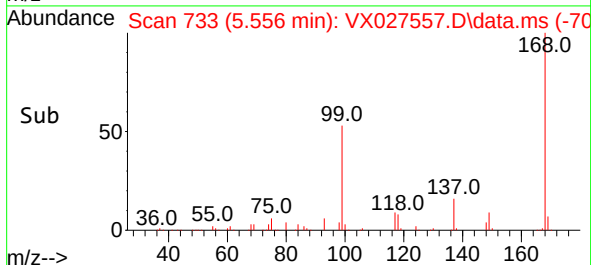
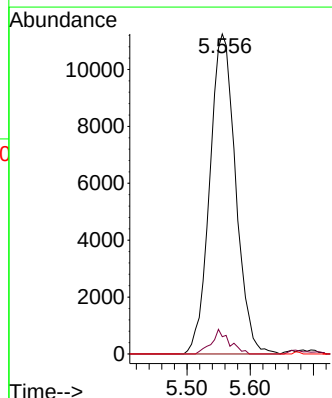
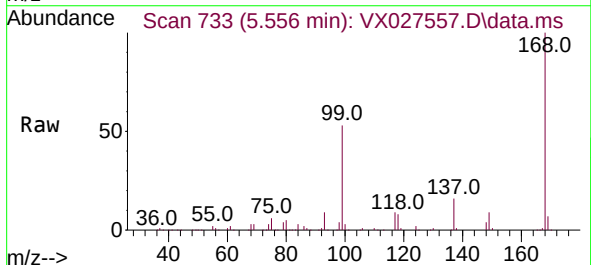
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

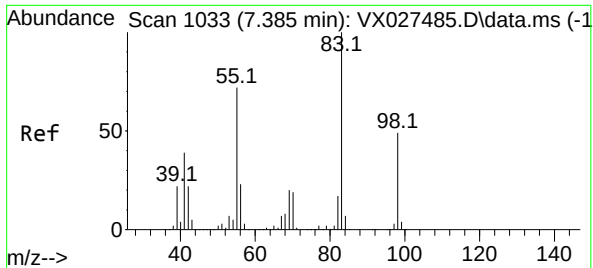
Tgt Ion: 75 Resp: 20695
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.757 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 117 Resp: 31958
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#

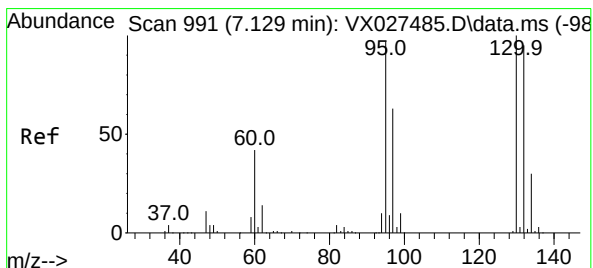
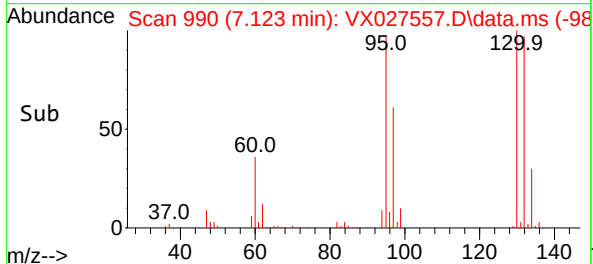
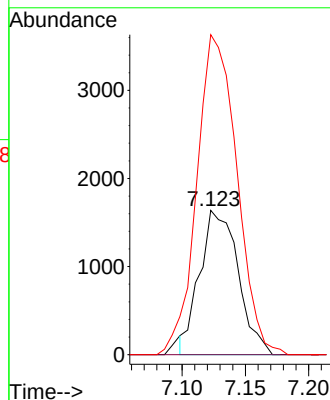
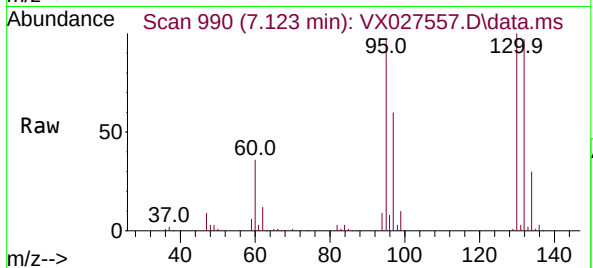




#39
Methylcyclohexane
Concen: 0.565 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

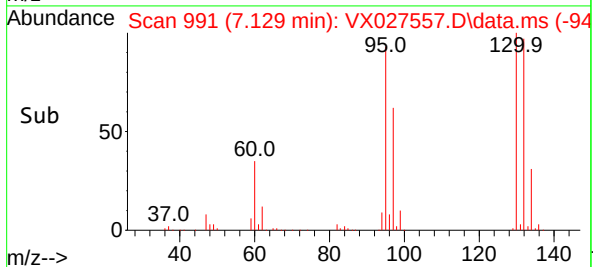
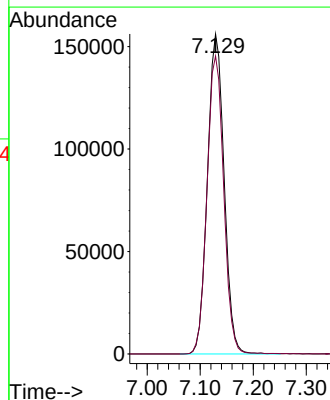
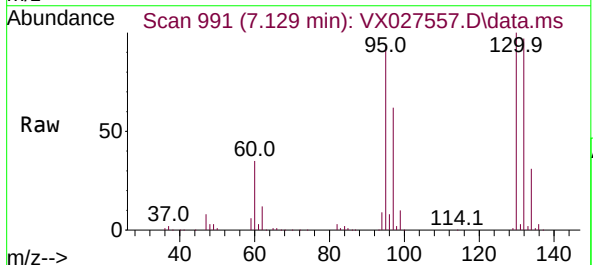
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

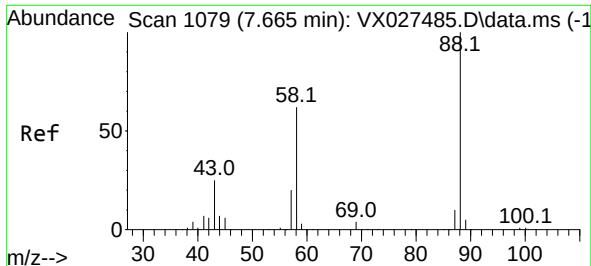
Tgt Ion: 83 Resp: 3449
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 218.0 37.4 56.2#



#44
Trichloroethene
Concen: 80.738 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion:130 Resp: 341198
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.8





#49

1,4-Dioxane

Concen: 16.024 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX027557.D

Acq: 19 Mar 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE-132D3-20220315

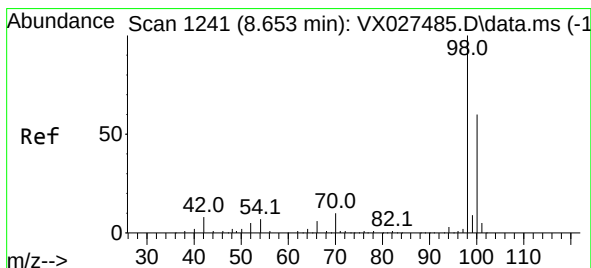
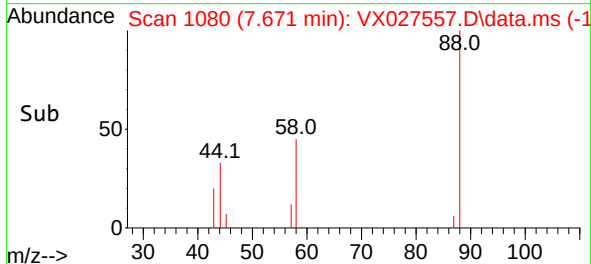
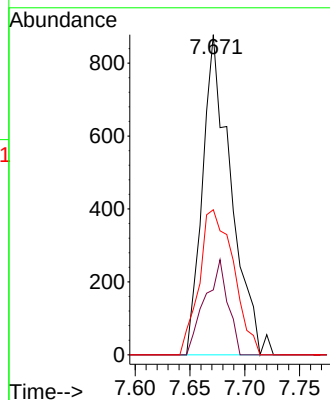
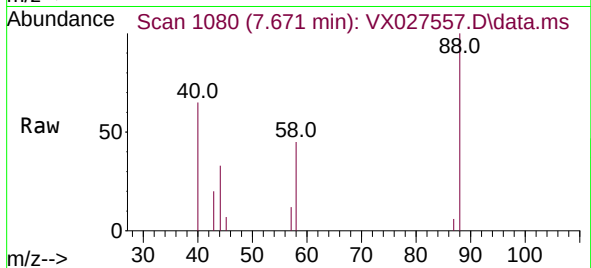
Tgt Ion: 88 Resp: 1585

Ion Ratio Lower Upper

88 100

43 23.9 21.9 32.9

58 54.6 53.7 80.5



#50

Toluene-d8

Concen: 47.627 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027557.D

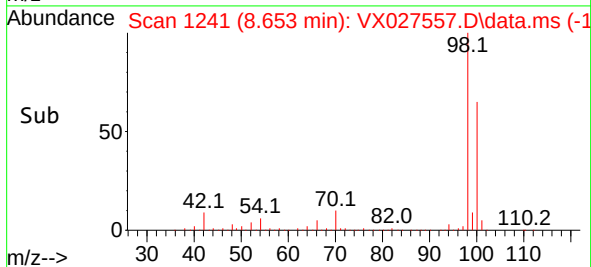
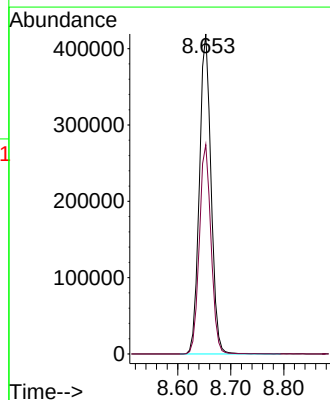
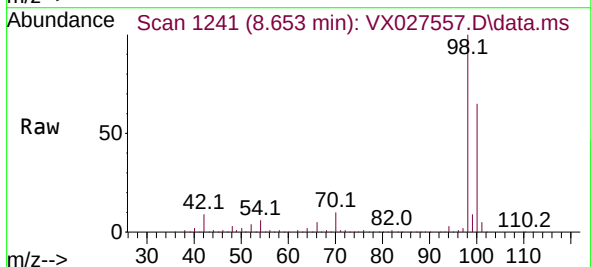
Acq: 19 Mar 2022 13:59

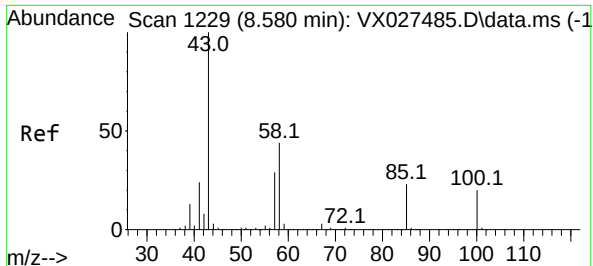
Tgt Ion: 98 Resp: 639949

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

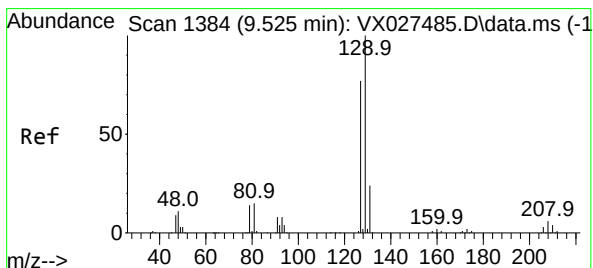
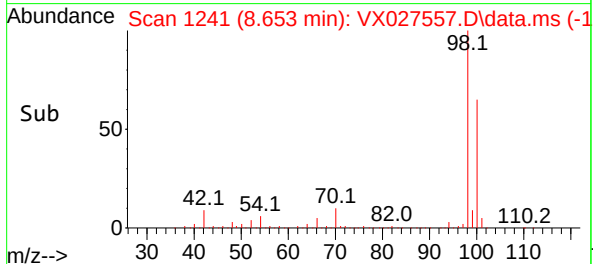
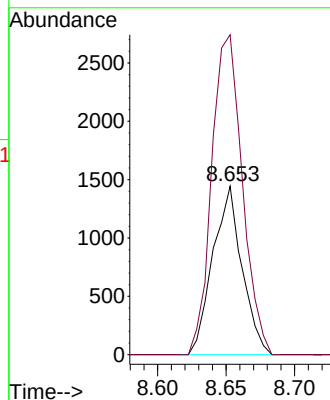
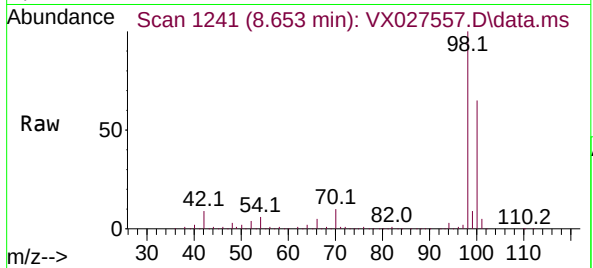




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

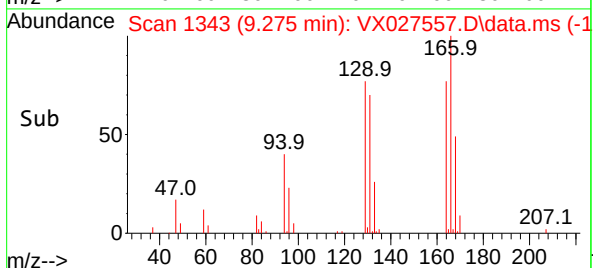
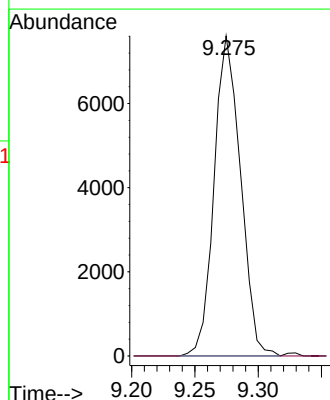
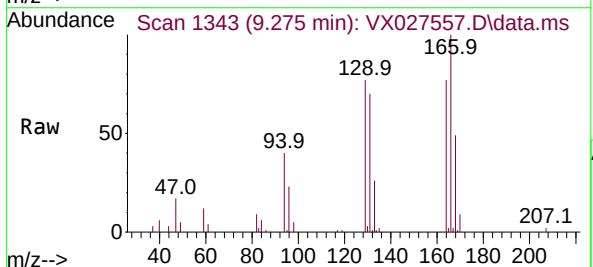
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

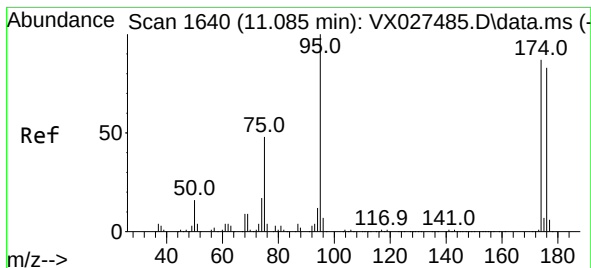
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 199.6 36.1 54.1#



#60
Dibromochloromethane
Concen: 2.635 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 129 Resp: 11019
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 40.443 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027557.D

Acq: 19 Mar 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE-132D3-20220315

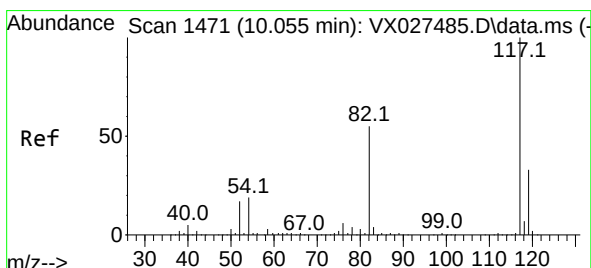
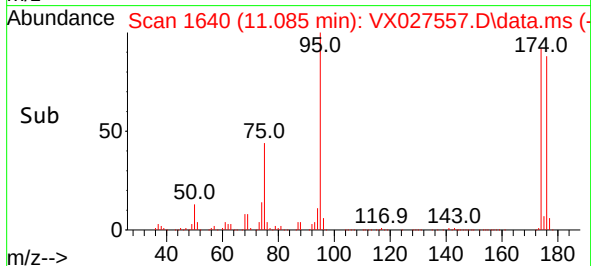
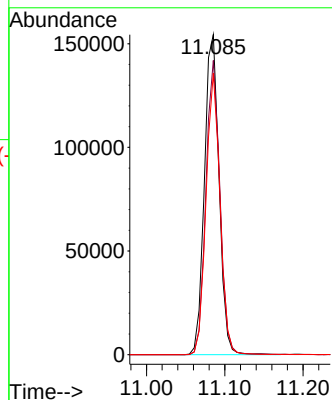
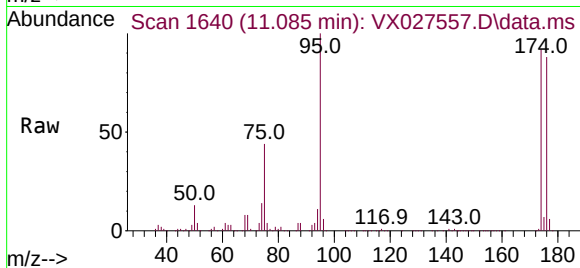
Tgt Ion: 95 Resp: 199736

Ion Ratio Lower Upper

95 100

174 88.6 0.0 163.0

176 84.1 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: VX027557.D

Acq: 19 Mar 2022 13:59

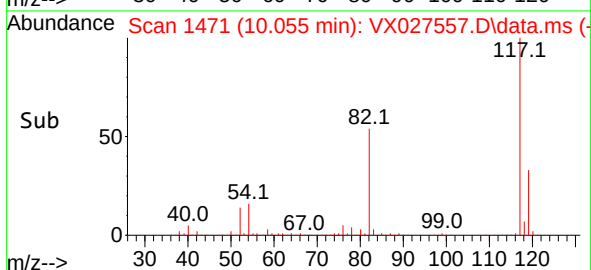
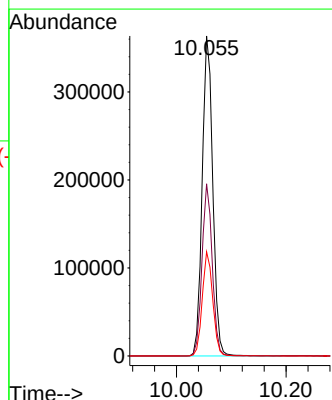
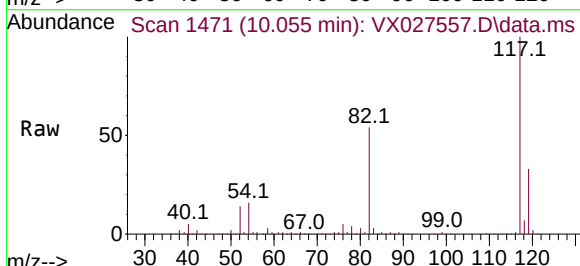
Tgt Ion: 117 Resp: 486487

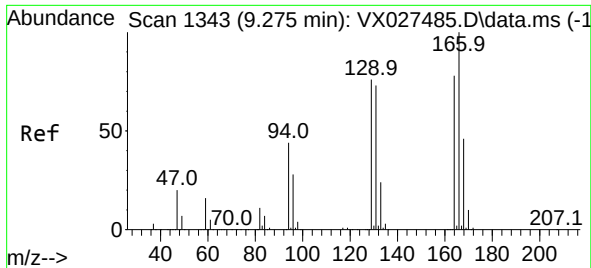
Ion Ratio Lower Upper

117 100

82 53.8 41.8 62.8

119 32.6 24.8 37.2

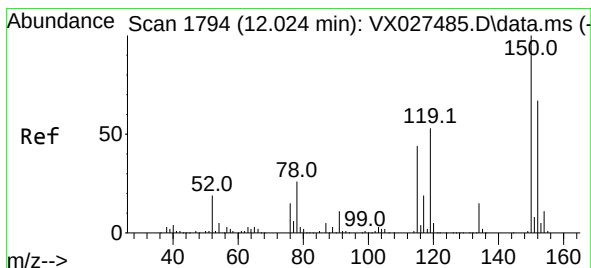
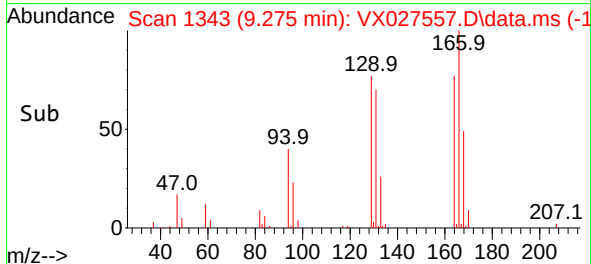
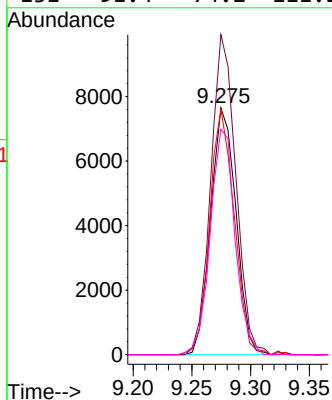
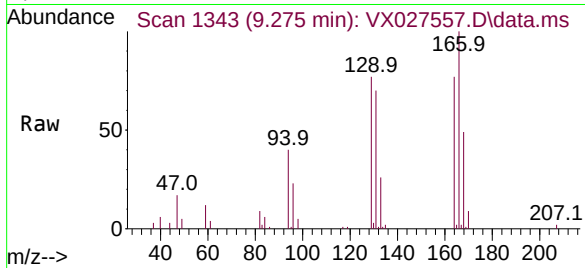




#64
Tetrachloroethene
Concen: 3.031 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

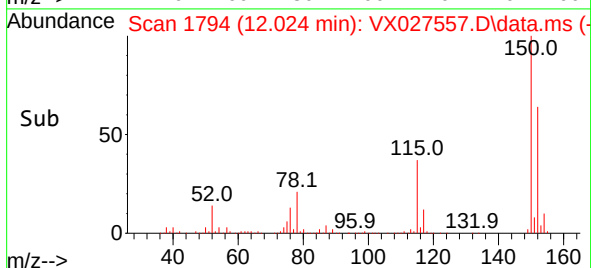
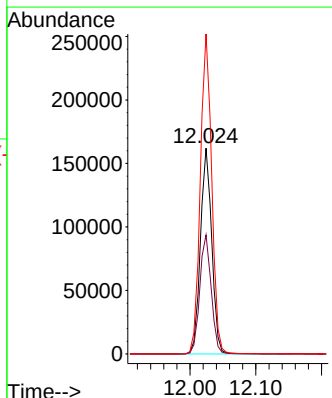
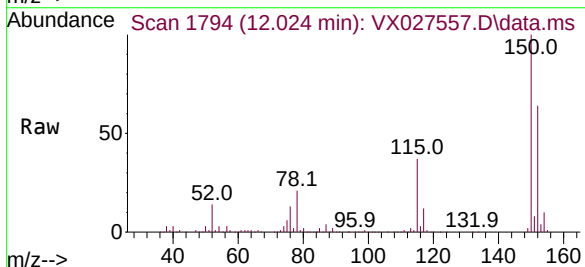
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

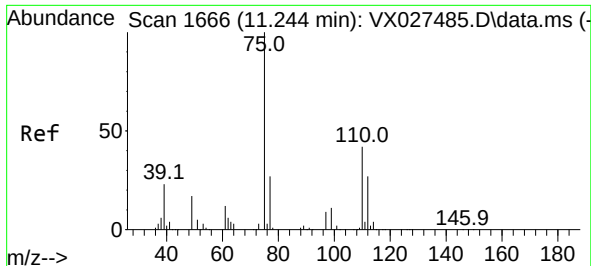
Tgt Ion:164	Resp:	11465
Ion	Ratio	Lower Upper
164	100	
166	129.7	101.2 151.8
129	99.5	73.0 109.4
131	91.4	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion:152	Resp:	193195
Ion	Ratio	Lower Upper
152	100	
115	58.5	37.5 112.7
150	156.6	0.0 338.2

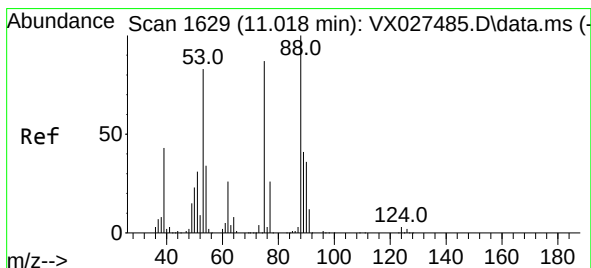
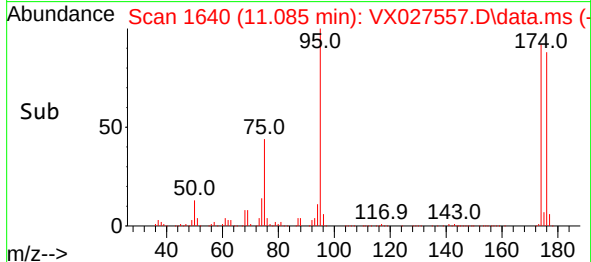
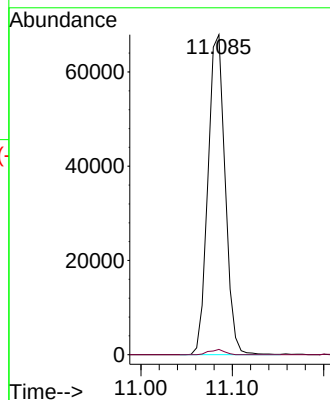
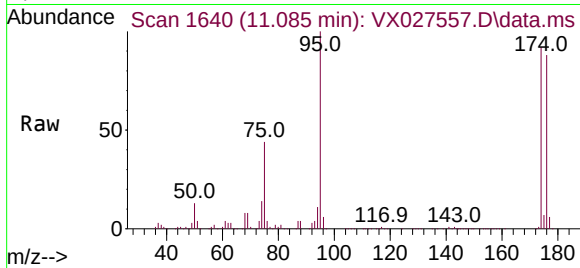




#76
1,2,3-Trichloropropane
Concen: 21.880 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

Tgt Ion: 75 Resp: 88418
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.451 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027557.D
Acq: 19 Mar 2022 13:59

Tgt Ion: 75 Resp: 88418
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

