

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027556.D
 Acq On : 19 Mar 2022 13:35
 Operator : JC/MD
 Sample : N2000-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D2-20220315

Quant Time: Mar 21 01:21:16 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)

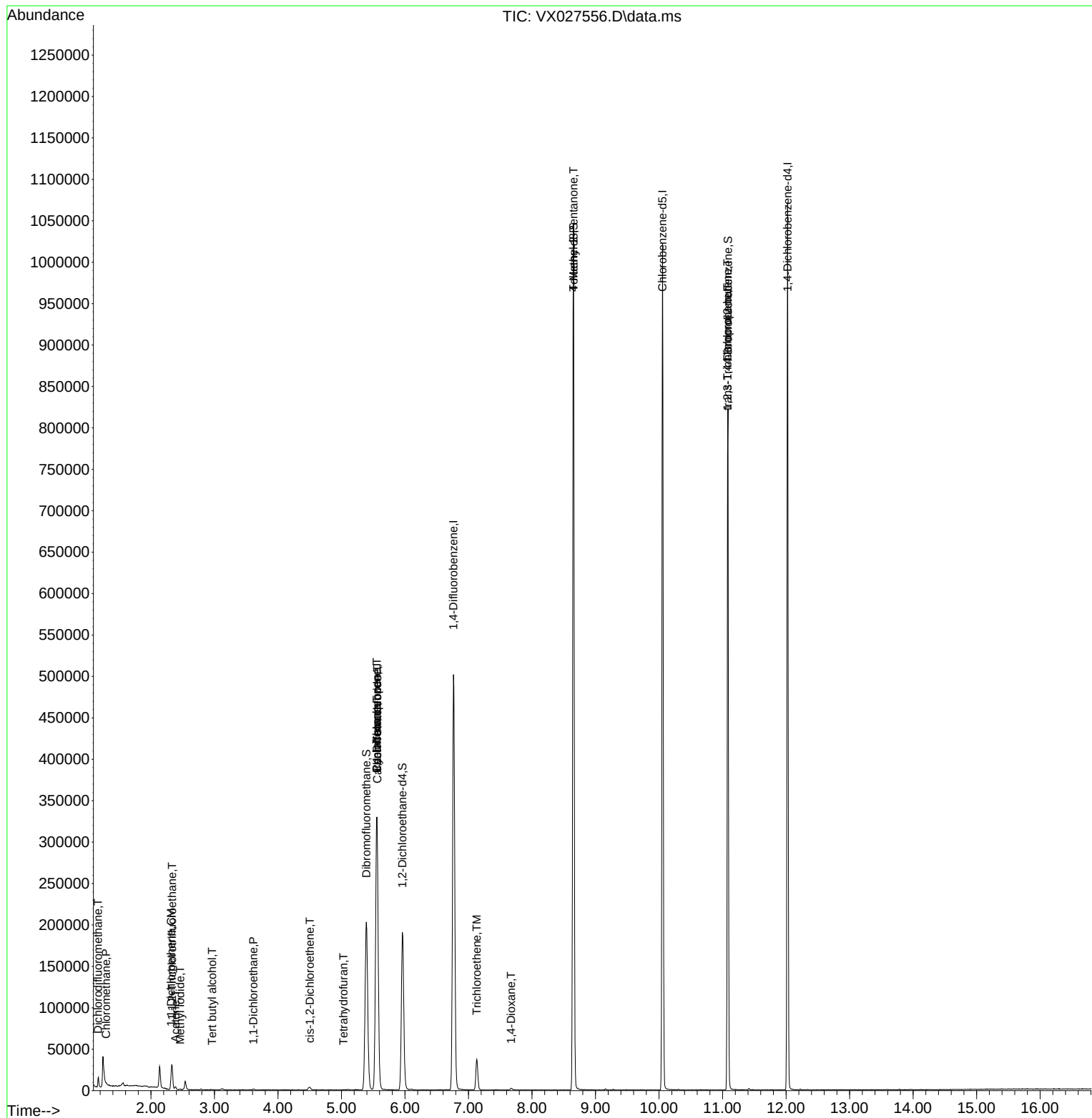
Internal Standards						
1) Pentafluorobenzene	5.556	168	345606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180903	42.490	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.980%		
35) Dibromofluoromethane	5.391	113	183292	50.598	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.200%		
50) Toluene-d8	8.653	98	653942	47.705	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.085	95	228898	45.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4505	1.358	ug/l	95
3) Chloromethane	1.294	50	606	0.206	ug/l #	82
5) Bromomethane	1.618	94	686	Below Cal		98
9) 1,1,2-Trichlorotrifluo...	2.331	101	11235	3.359	ug/l	90
10) Methyl Iodide	2.459	142	906	0.205	ug/l #	82
11) Tert butyl alcohol	2.965	59	431	0.531	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	1251	0.390	ug/l #	79
16) Acetone	2.386	43	3239	1.866	ug/l	98
24) 1,1-Dichloroethane	3.611	63	1486	0.249	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	2466	0.621	ug/l	88
29) Tetrahydrofuran	5.032	42	480	0.287	ug/l #	41
31) Cyclohexane	5.556	56	4928	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22034	4.451	ug/l #	50
38) Carbon Tetrachloride	5.562	117	32059	5.661	ug/l #	15
44) Trichloroethene	7.129	130	16124	3.740	ug/l	98
49) 1,4-Dioxane	7.671	88	2167	21.474	ug/l #	88
51) 4-Methyl-2-Pentanone	8.653	43	2068	0.408	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	103285	21.004	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	103285	63.790	ug/l #	15

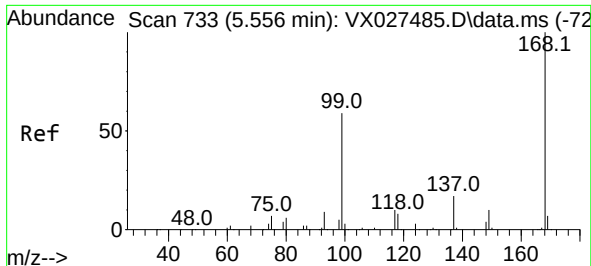
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE-132D2-20220315

Quant Time: Mar 21 01:21:16 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

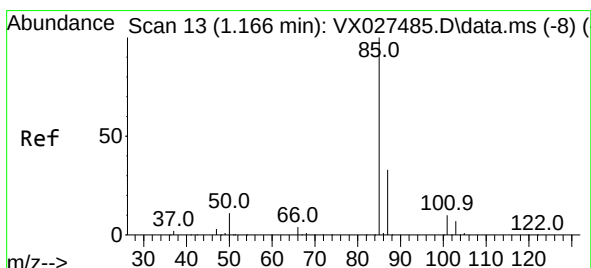
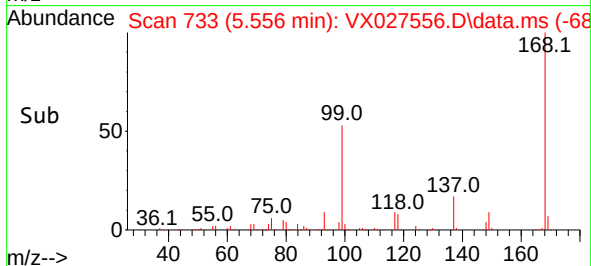
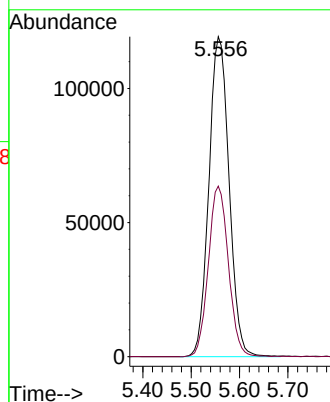
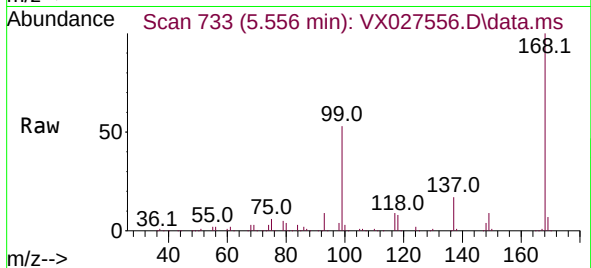




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

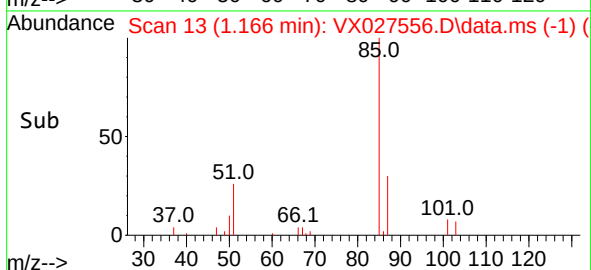
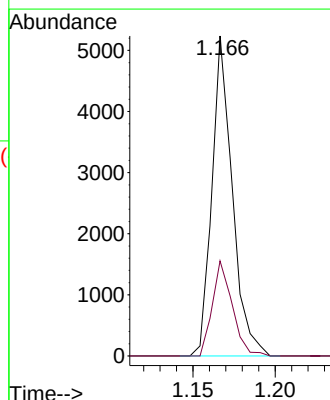
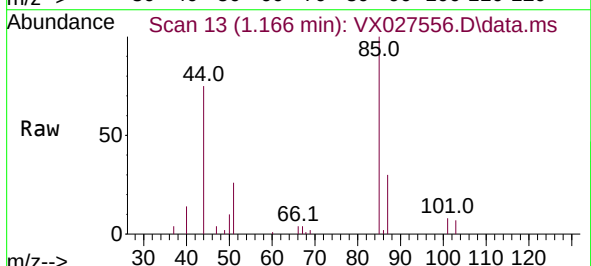
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

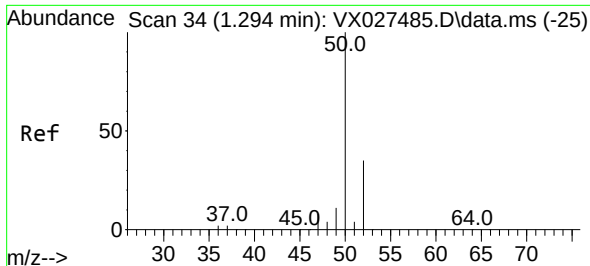
Tgt Ion:168 Resp: 345606
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 1.358 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 85 Resp: 4505
Ion Ratio Lower Upper
85 100
87 29.7 16.2 48.6

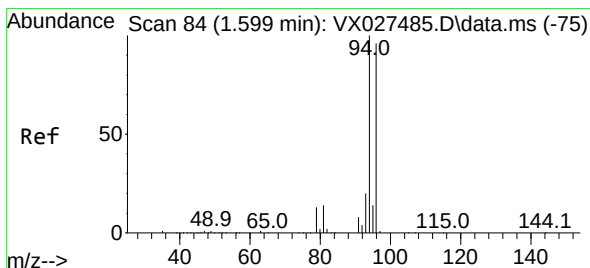
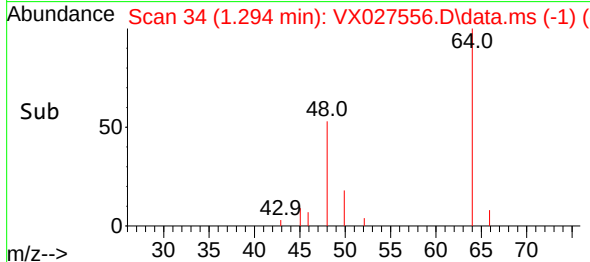
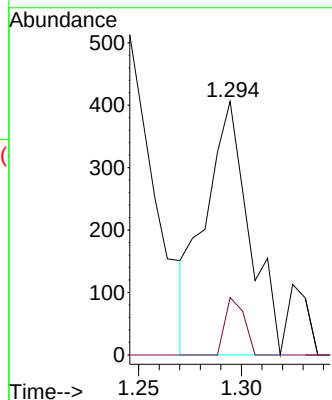
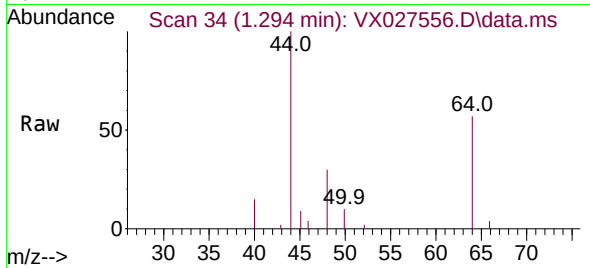




#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

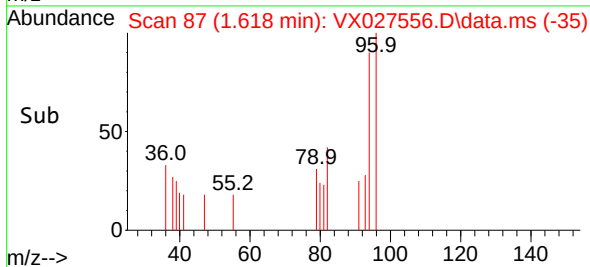
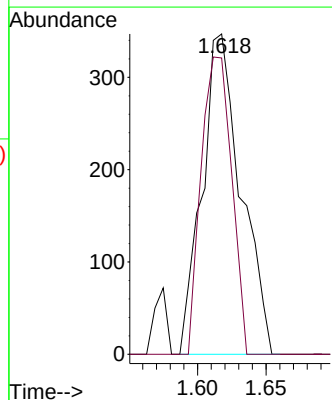
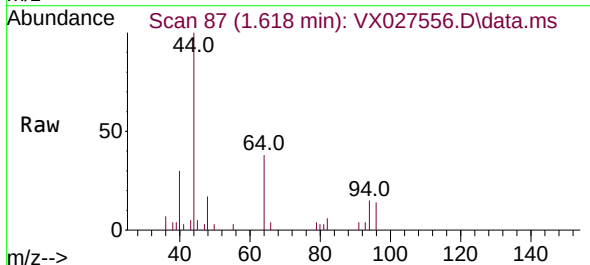
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

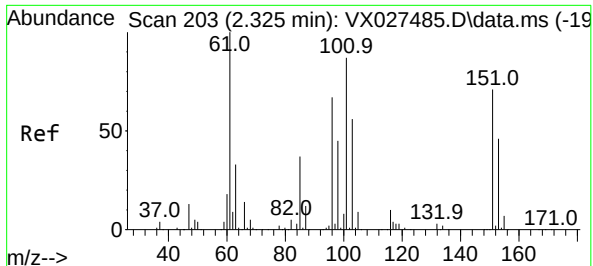
Tgt Ion: 50 Resp: 606
Ion Ratio Lower Upper
50 100
52 22.7 26.4 39.6#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 92.5 75.3 112.9

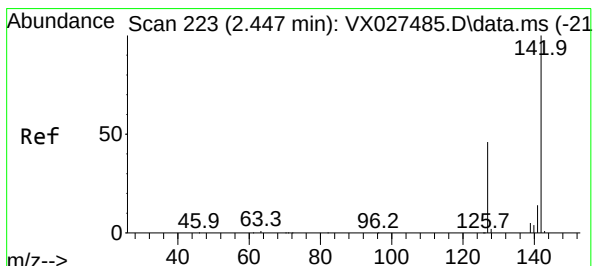
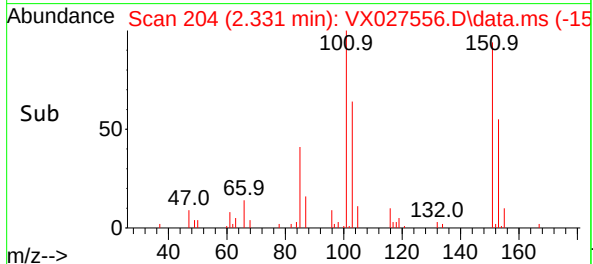
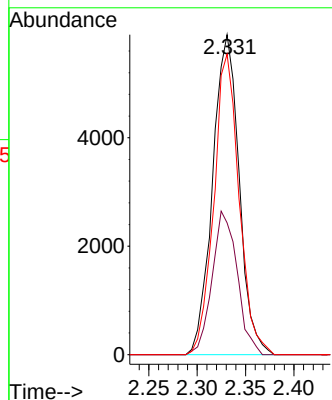
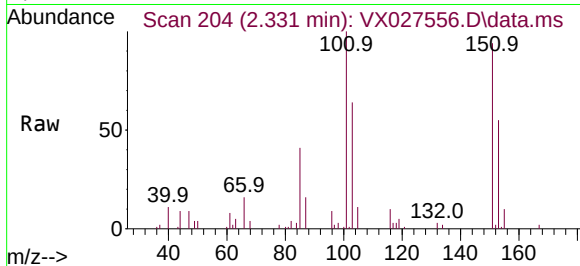




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.359 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

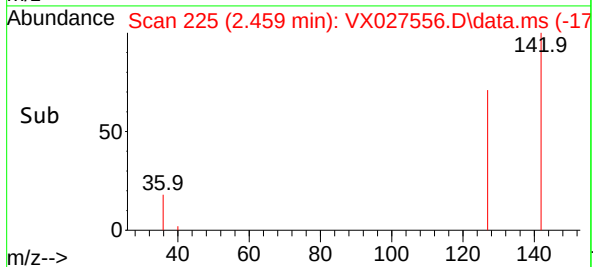
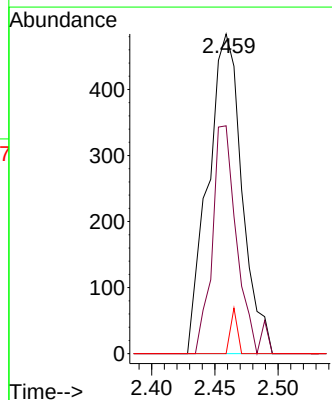
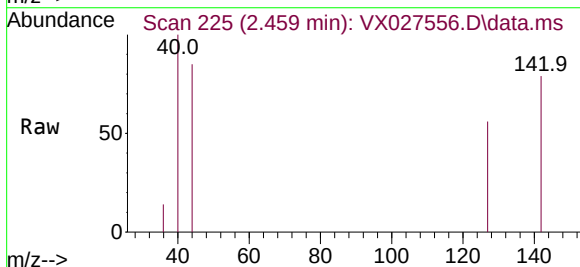
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

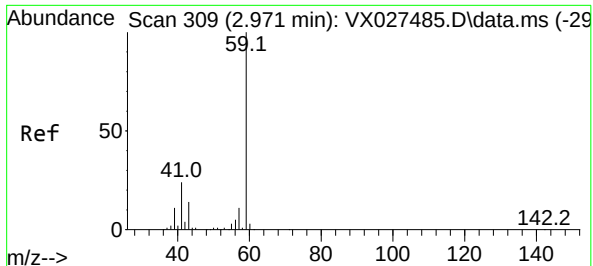
Tgt Ion:101 Resp: 11235
Ion Ratio Lower Upper
101 100
85 42.4 33.5 50.3
151 89.6 61.8 92.6



#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion:142 Resp: 906
Ion Ratio Lower Upper
142 100
127 51.9 33.9 50.9#
141 2.8 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.531 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

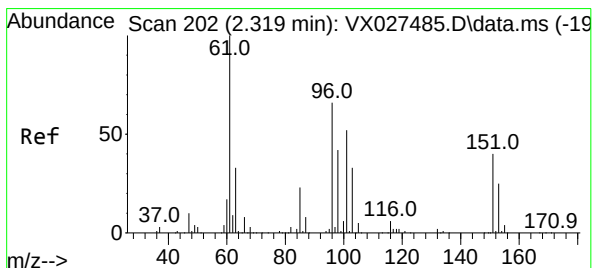
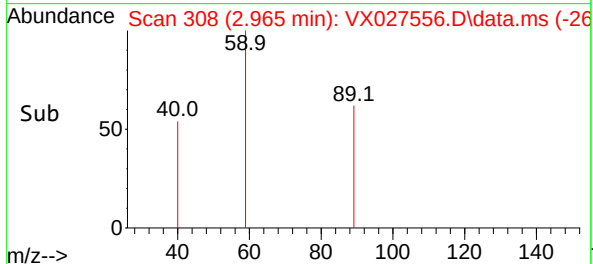
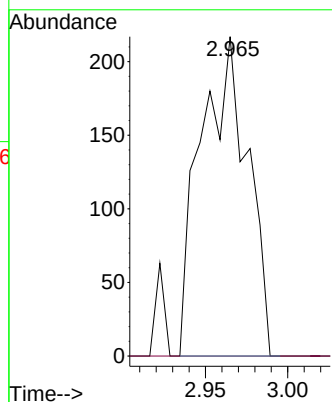
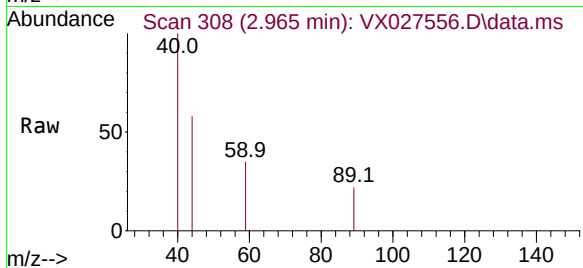
RE-132D2-20220315

Tgt Ion: 59 Resp: 431

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.390 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

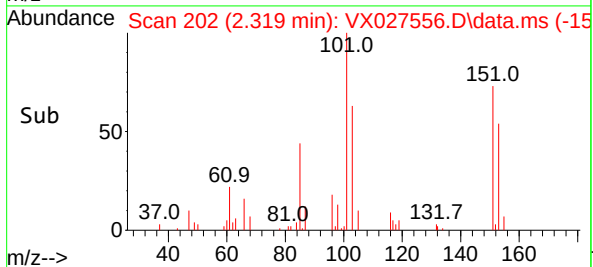
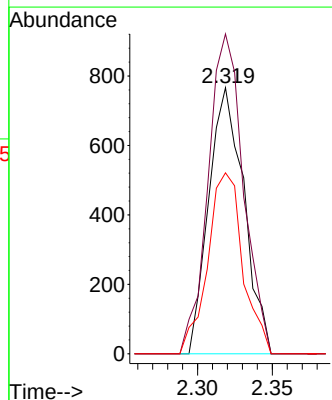
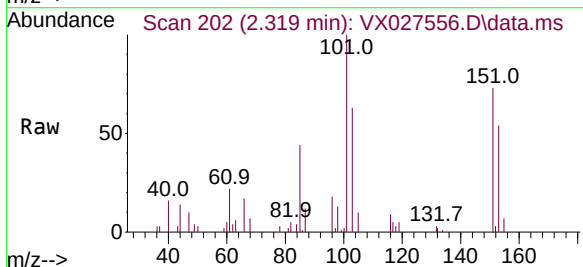
Tgt Ion: 96 Resp: 1251

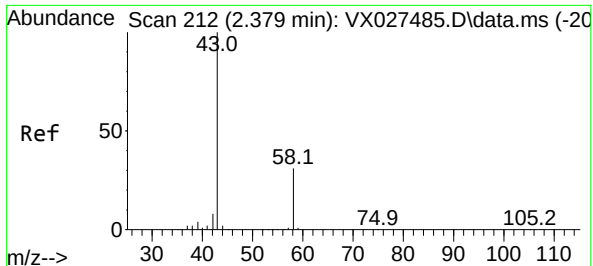
Ion Ratio Lower Upper

96 100

61 120.2 124.6 187.0#

98 68.0 51.0 76.4

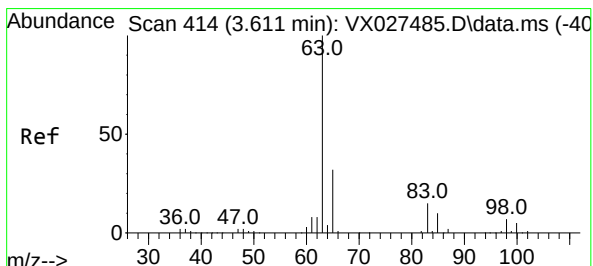
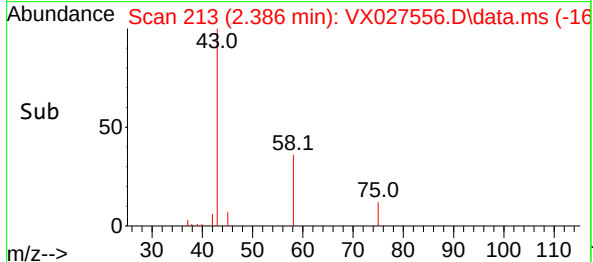
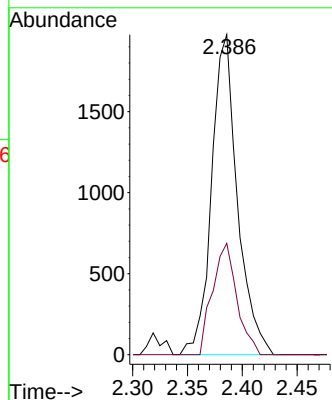
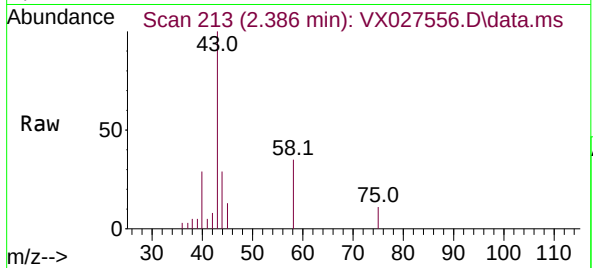




#16
Acetone
Concen: 1.866 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

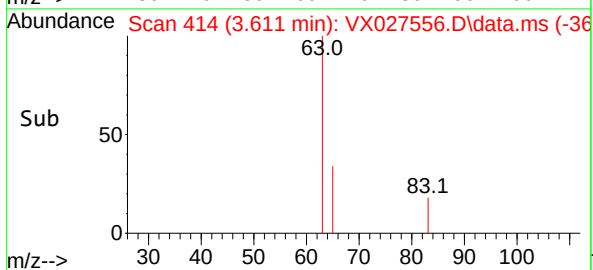
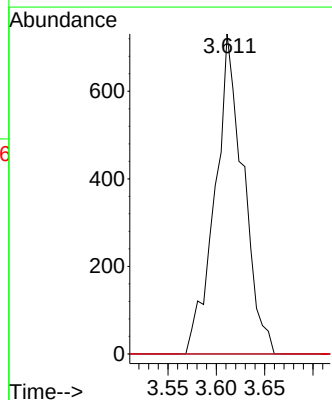
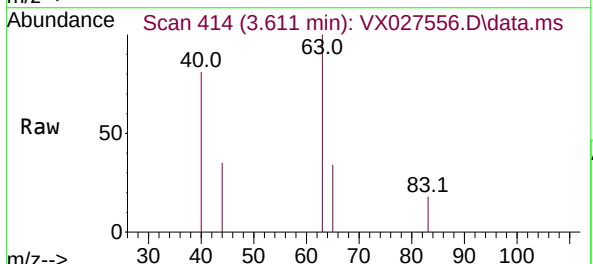
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ClientSampleId :
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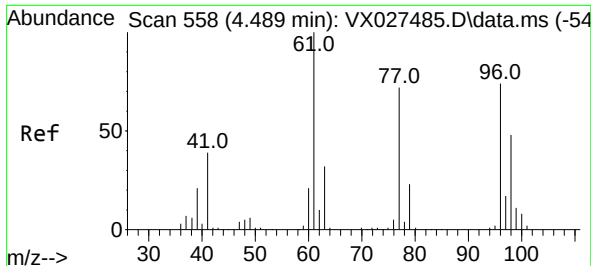
Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2



#24
1,1-Dichloroethane
Concen: 0.249 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 63 Resp: 1486
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: 0.621 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

RE-132D2-20220315

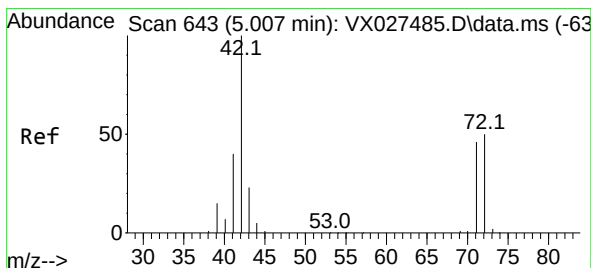
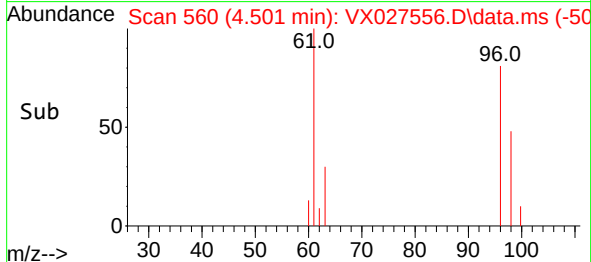
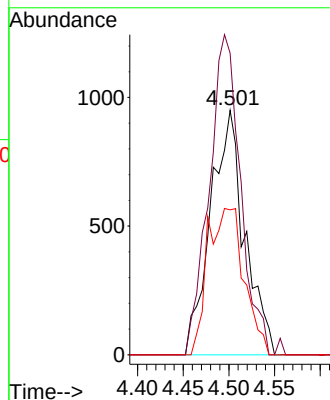
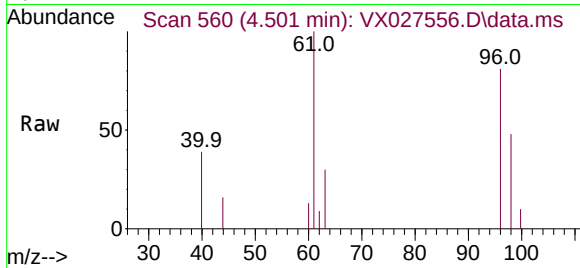
Tgt Ion: 96 Resp: 2466

Ion Ratio Lower Upper

96 100

61 121.0 0.0 283.8

98 64.2 0.0 129.8



#29

Tetrahydrofuran

Concen: 0.287 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.025 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

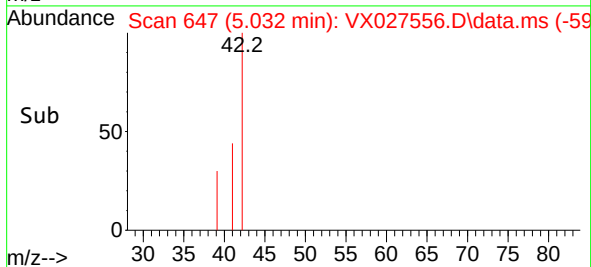
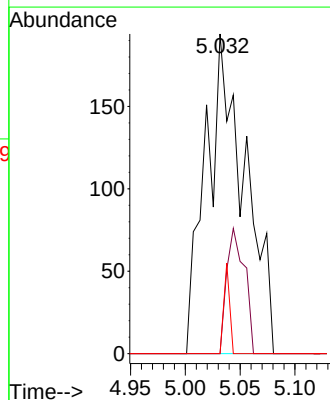
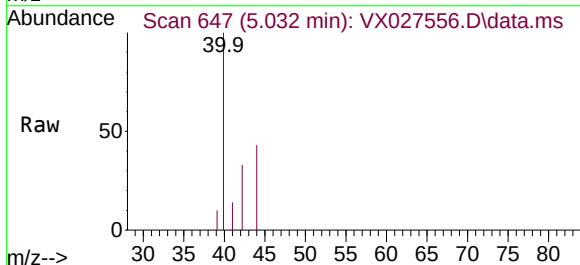
Tgt Ion: 42 Resp: 480

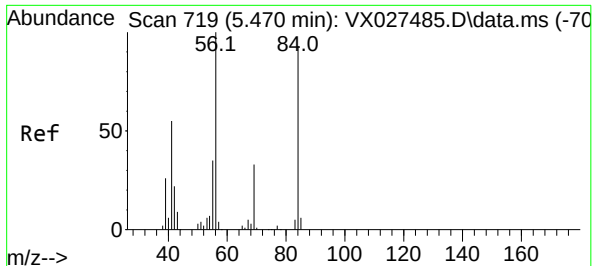
Ion Ratio Lower Upper

42 100

72 17.9 44.1 66.1#

71 4.2 40.5 60.7#

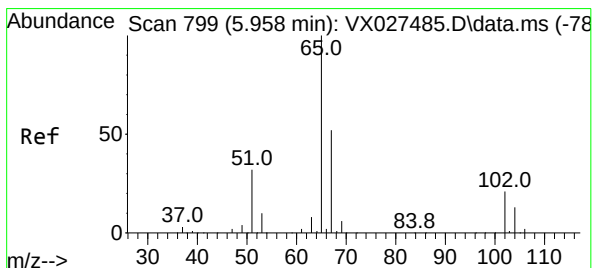
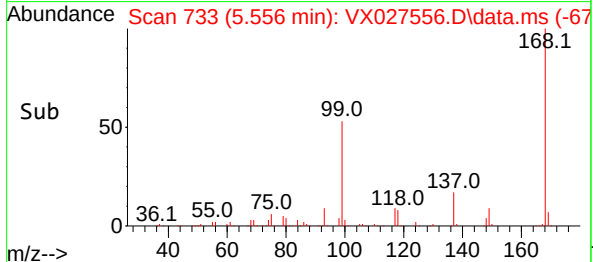
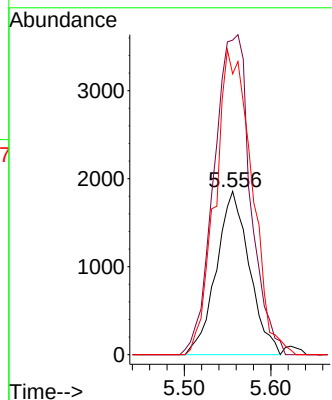
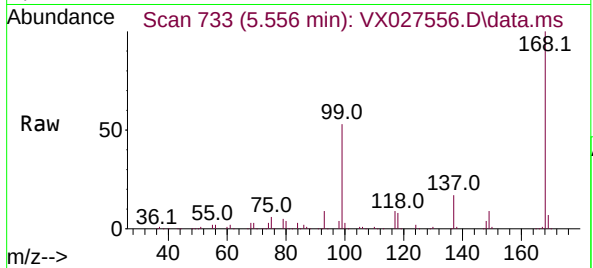




#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

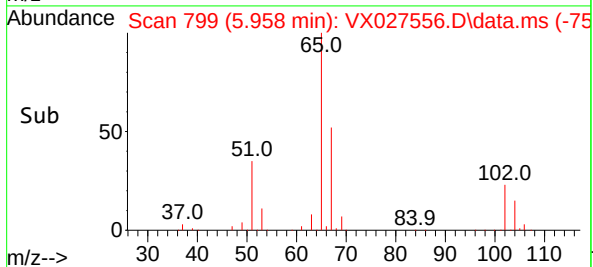
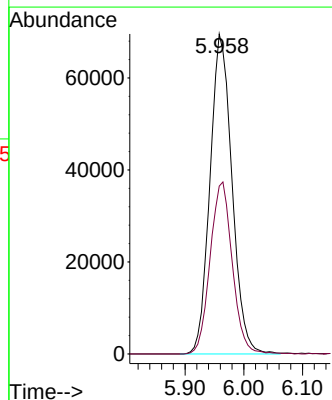
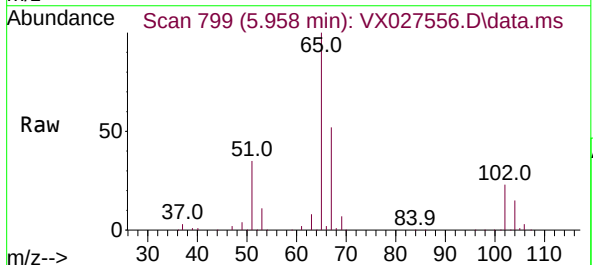
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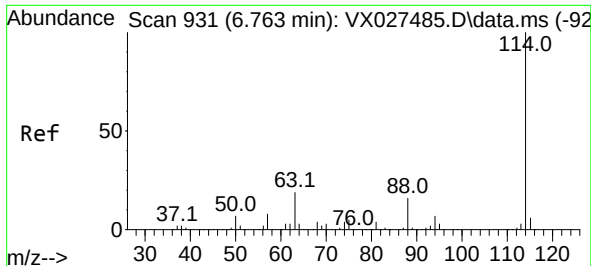
Tgt Ion: 56 Resp: 4928
Ion Ratio Lower Upper
56 100
69 192.6 26.7 40.1#
84 171.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.490 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 65 Resp: 180903
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4

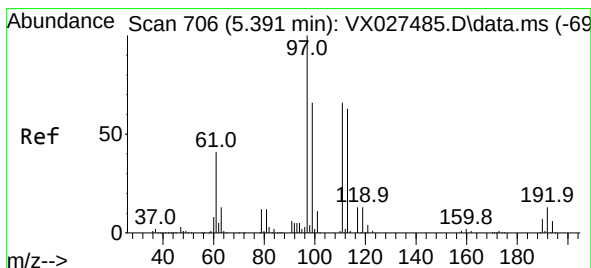
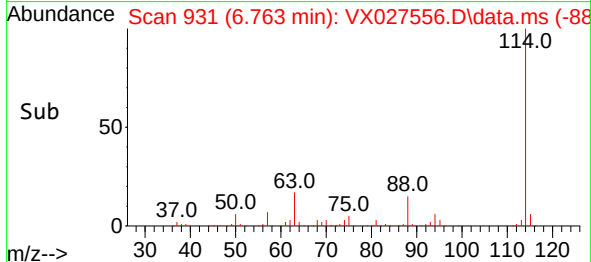
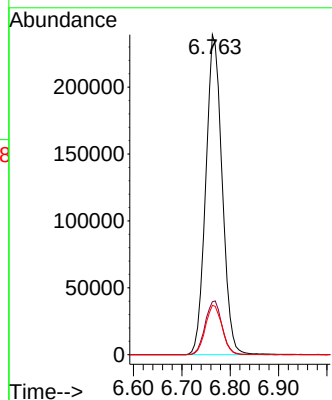
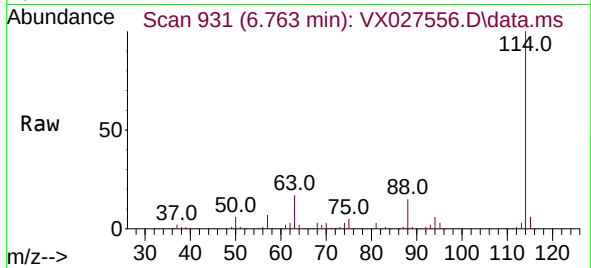




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

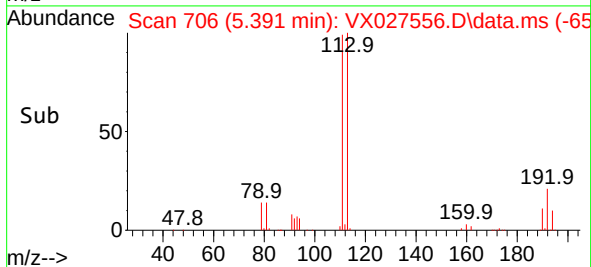
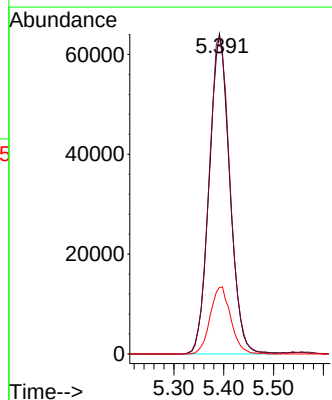
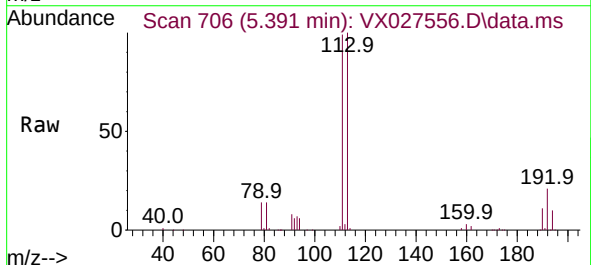
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

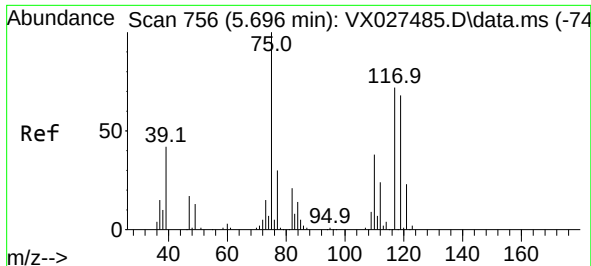
Tgt Ion:114 Resp: 563041
Ion Ratio Lower Upper
114 100
63 16.6 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion:113 Resp: 183292
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.0 16.9 25.3

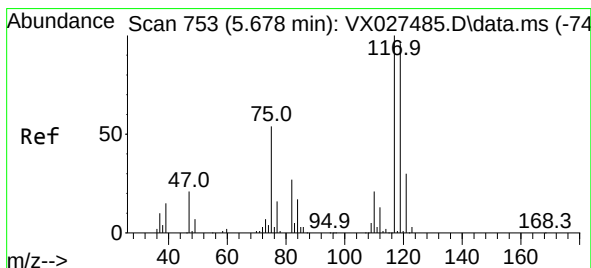
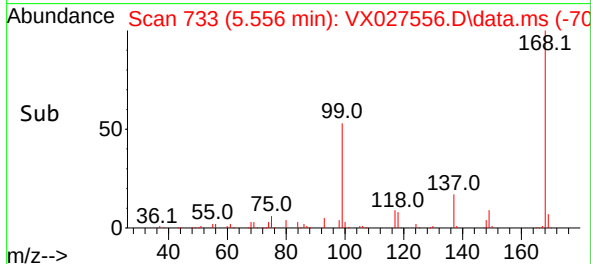
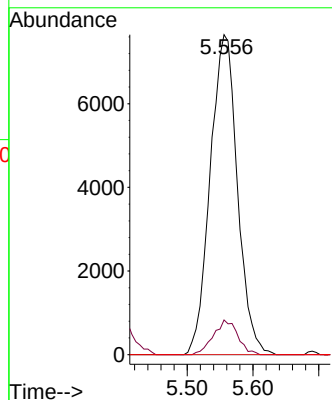
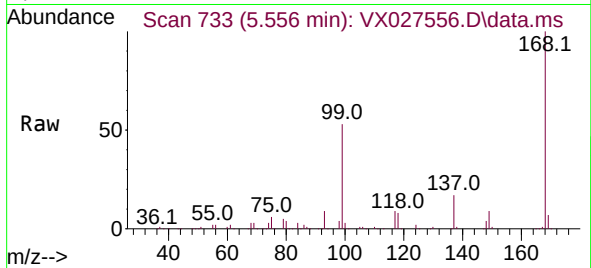




#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

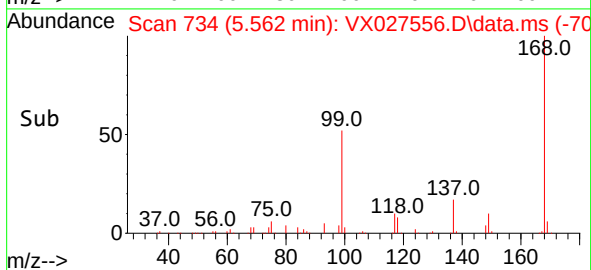
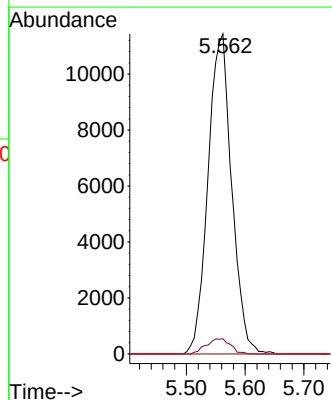
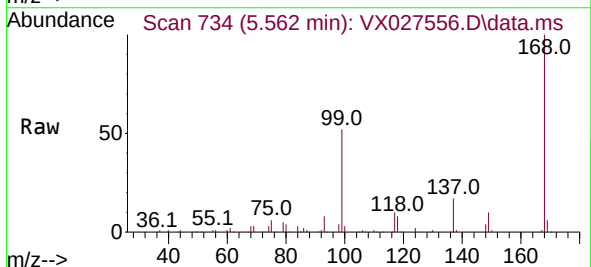
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

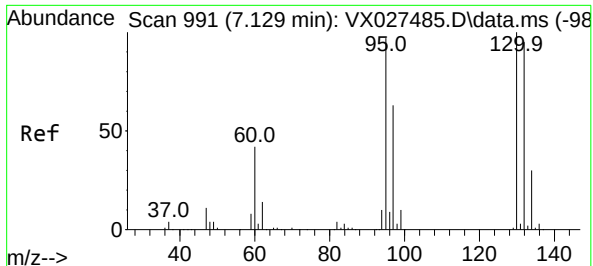
Tgt Ion: 75 Resp: 22034
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 117 Resp: 32059
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

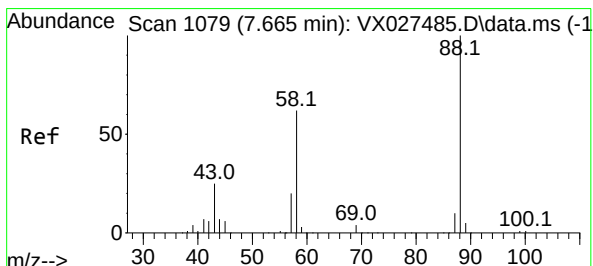
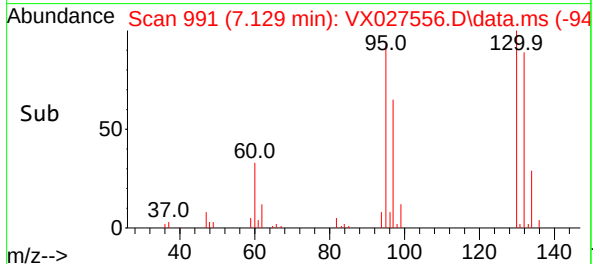
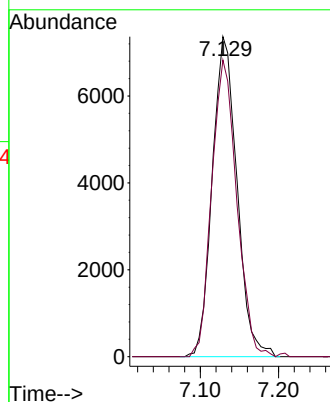
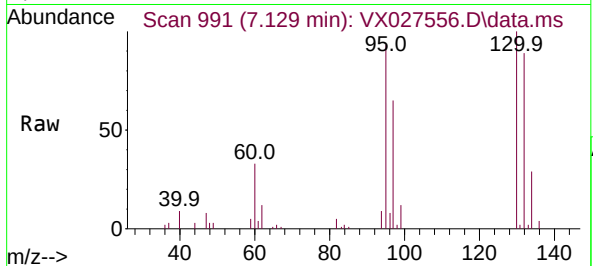




#44
Trichloroethene
Concen: 3.740 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

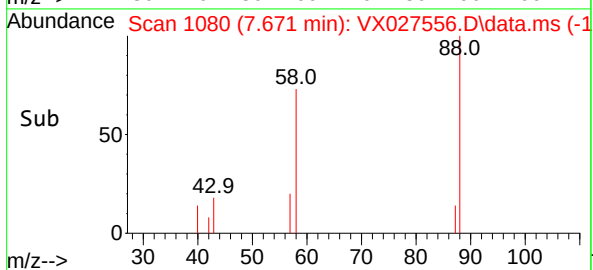
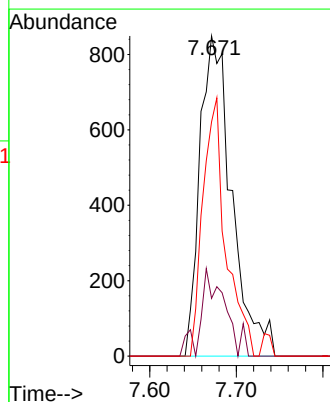
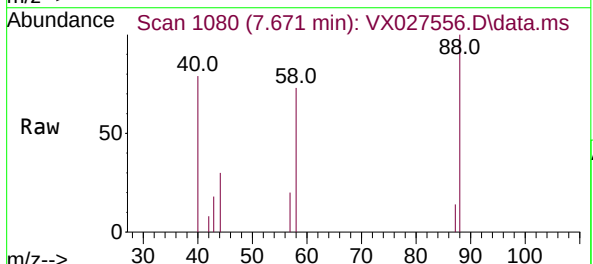
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

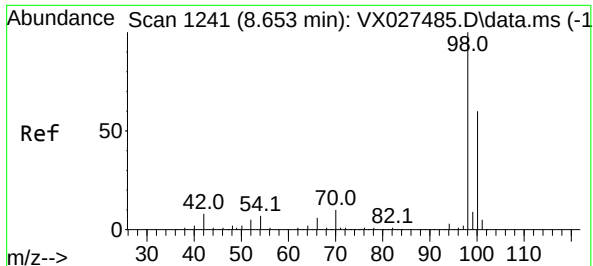
Tgt Ion:130 Resp: 16124
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.8



#49
1,4-Dioxane
Concen: 21.474 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 88 Resp: 2167
Ion Ratio Lower Upper
88 100
43 21.0 21.9 32.9#
58 58.1 53.7 80.5

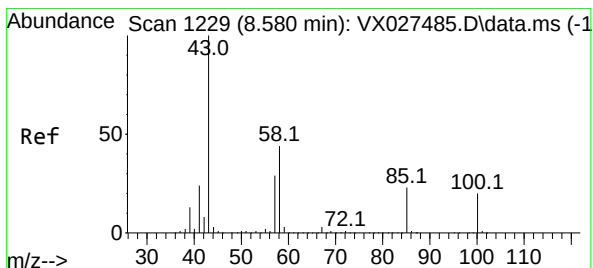
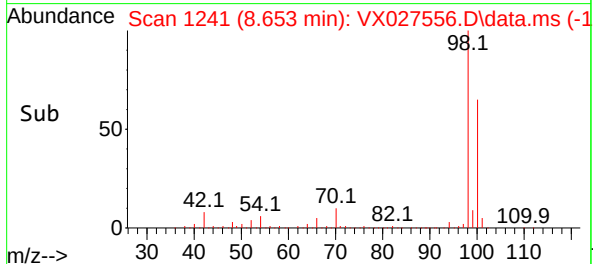
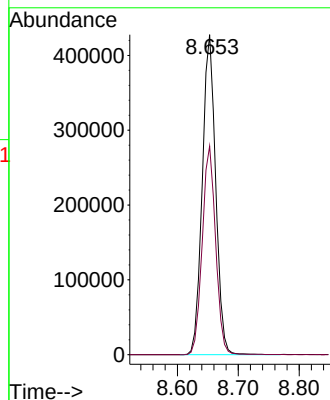
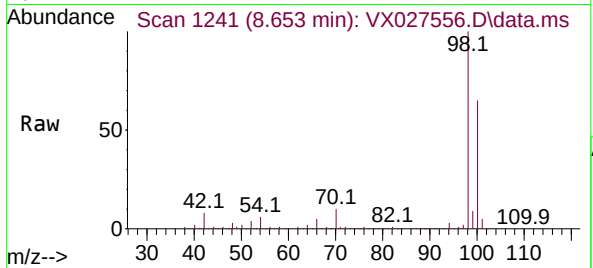




#50
Toluene-d8
Concen: 47.705 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

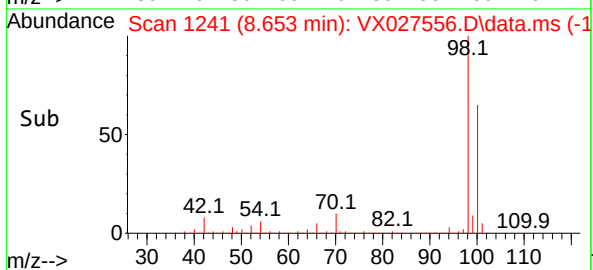
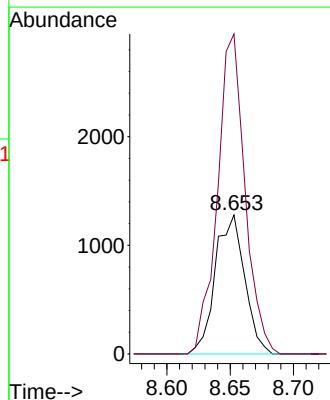
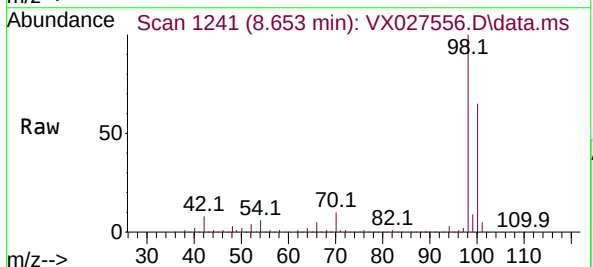
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

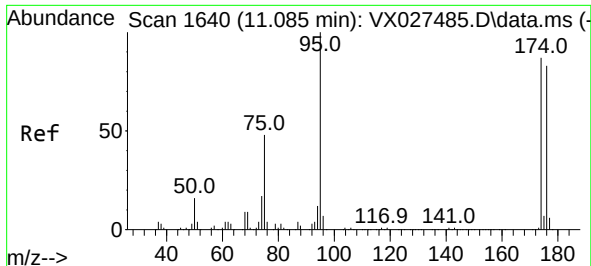
Tgt Ion: 98 Resp: 653942
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 215.7 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 45.430 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

RE-132D2-20220315

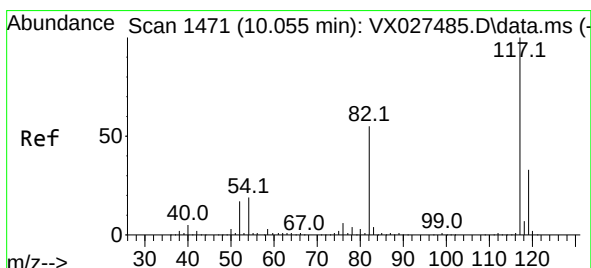
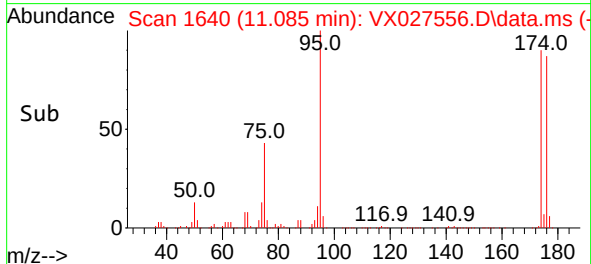
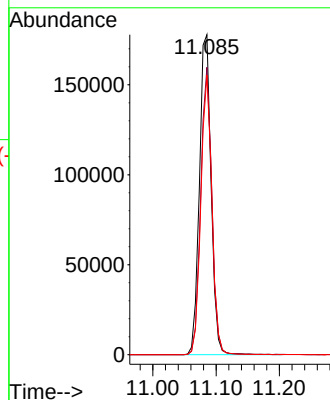
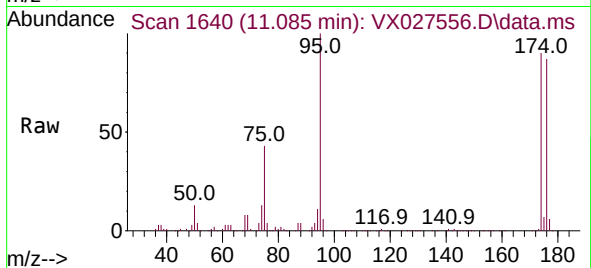
Tgt Ion: 95 Resp: 228898

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

176 83.1 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: VX027556.D

Acq: 19 Mar 2022 13:35

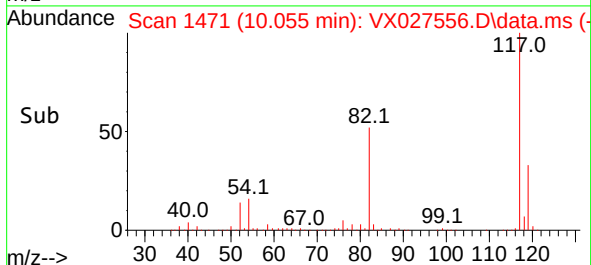
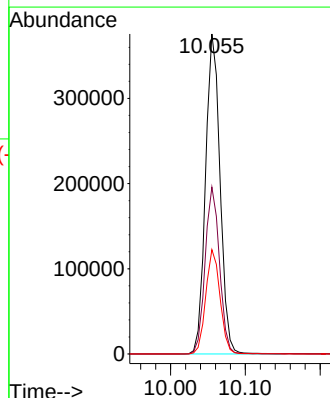
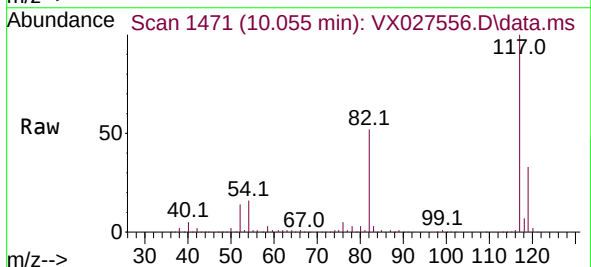
Tgt Ion: 117 Resp: 506709

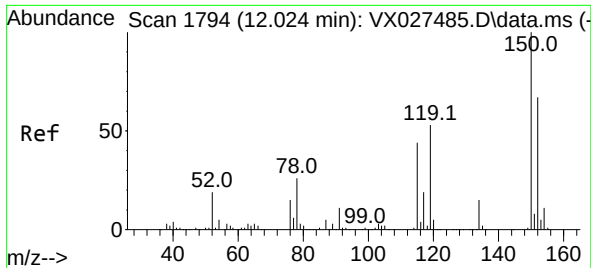
Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

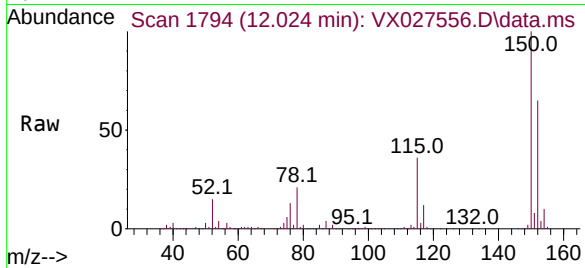
119 32.6 24.8 37.2



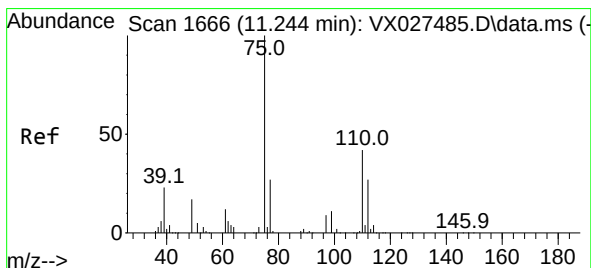
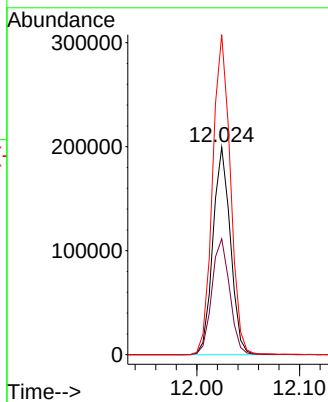
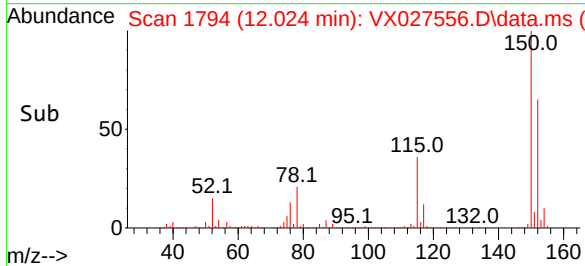


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027556.D
 Acq: 19 Mar 2022 13:35

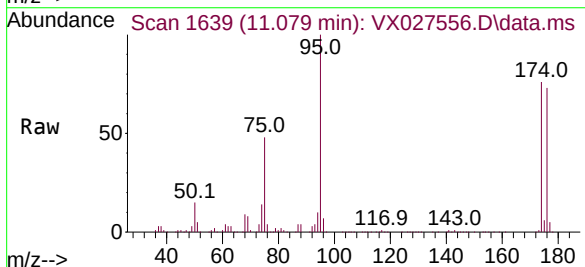
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D2-20220315



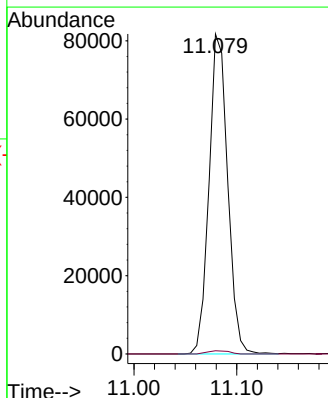
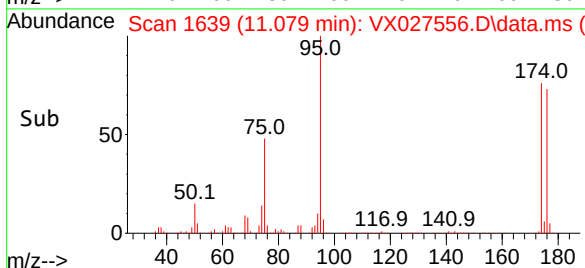
Tgt Ion:152 Resp: 235093
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 157.1 0.0 338.2

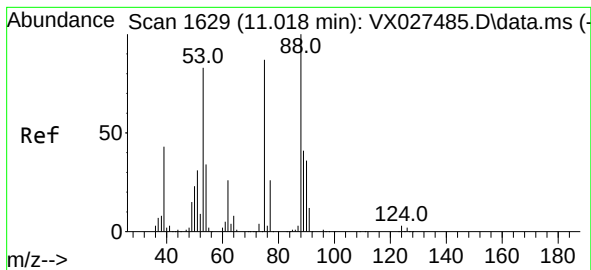


#76
 1,2,3-Trichloropropane
 Concen: 21.004 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX027556.D
 Acq: 19 Mar 2022 13:35



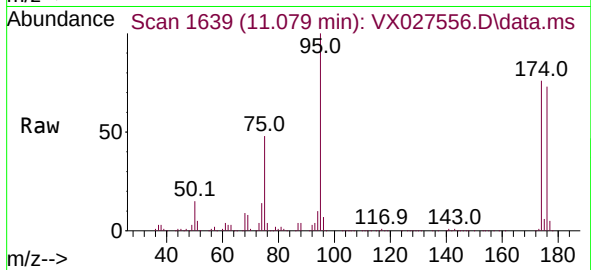
Tgt Ion: 75 Resp: 103285
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.790 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX027556.D
 Acq: 19 Mar 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D2-20220315



Tgt Ion: 75 Resp: 103285
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

