

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027849.D
 Acq On : 31 Mar 2022 15:42
 Operator : JC/MD
 Sample : N2041-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20220318DL

Quant Time: Apr 01 04:08:38 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)

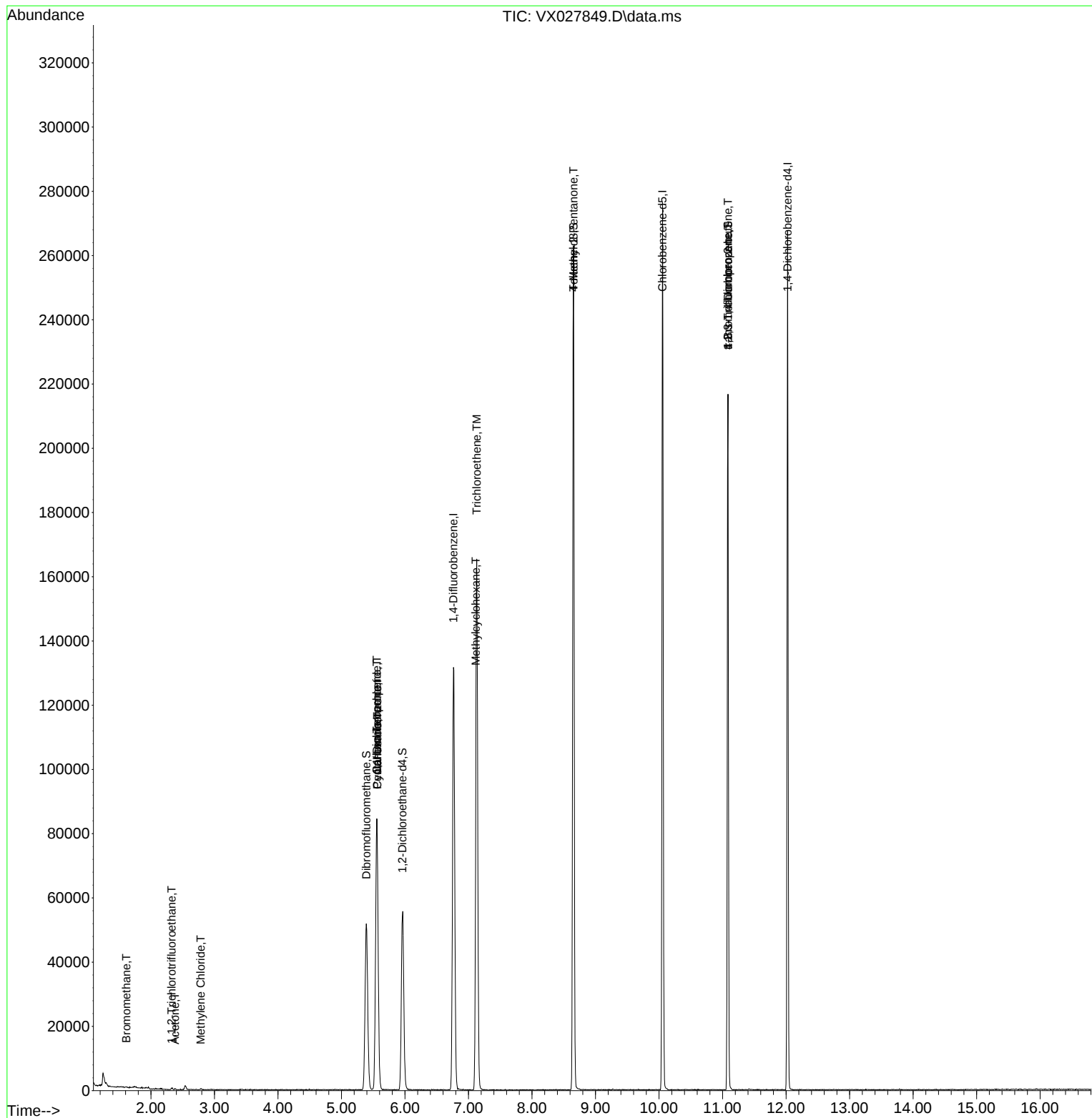
Internal Standards						
1) Pentafluorobenzene	5.562	168	72618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	132425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111869	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56863	60.688	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.380%			
35) Dibromofluoromethane	5.391	113	44305	51.833	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.660%			
50) Toluene-d8	8.653	98	150433	50.020	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.085	95	57293	44.828	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.660%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	96	0.357	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	238	0.350	ug/l #	74
16) Acetone	2.380	43	353	0.851	ug/l #	39
20) Methylene Chloride	2.782	84	157	0.210	ug/l #	40
31) Cyclohexane	5.562	56	1952	1.885	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	6882	6.392	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8343	7.014	ug/l #	16
39) Methylcyclohexane	7.117	83	447	0.353	ug/l #	1
44) Trichloroethene	7.129	130	62717	70.736	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	807	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32364	29.765	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	32364	86.726	ug/l #	15

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

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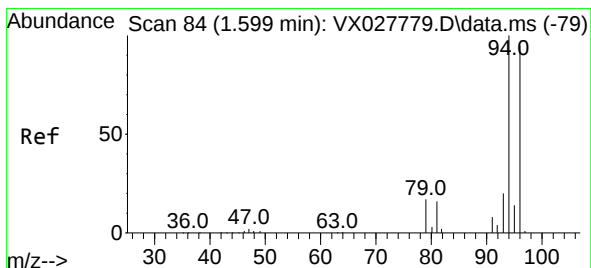
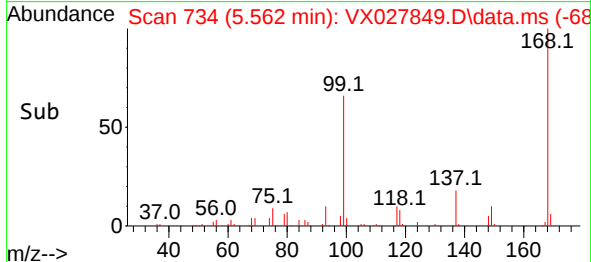
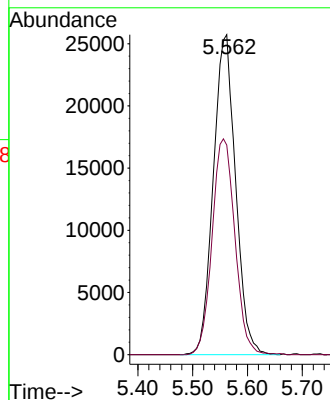
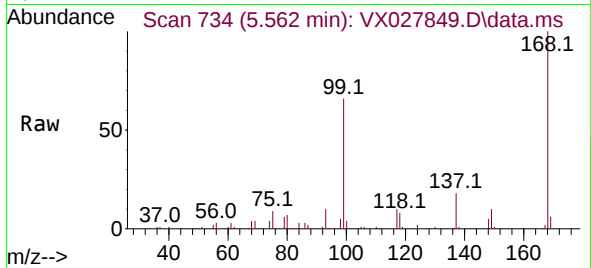




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

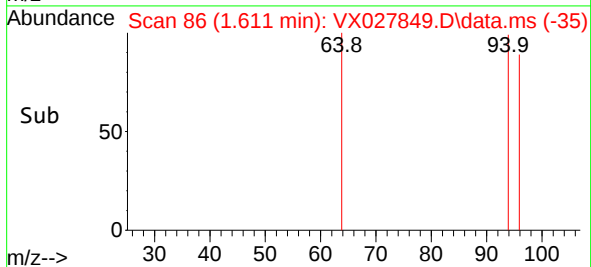
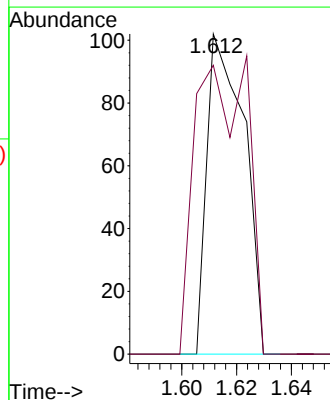
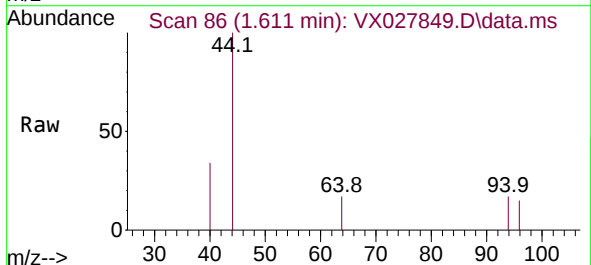
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

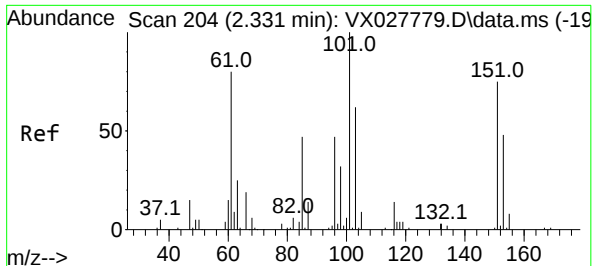
Tgt Ion:168 Resp: 72618
Ion Ratio Lower Upper
168 100
99 65.5 41.7 62.5#



#5
Bromomethane
Concen: 0.357 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 94 Resp: 96
Ion Ratio Lower Upper
94 100
96 90.2 75.3 112.9

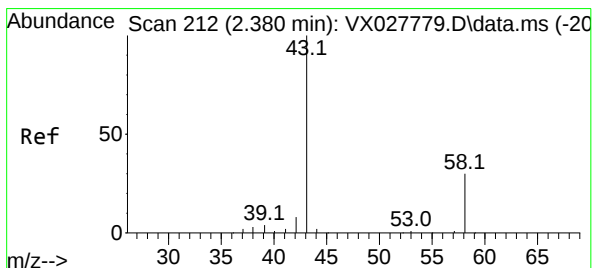
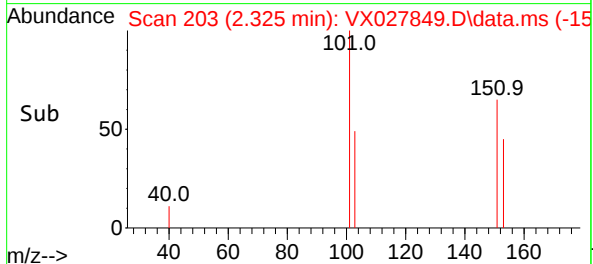
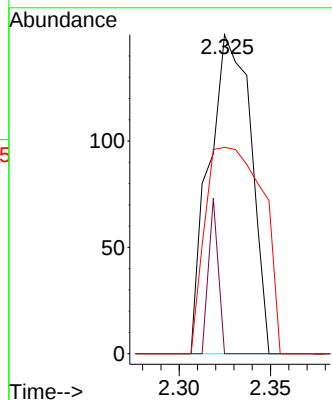
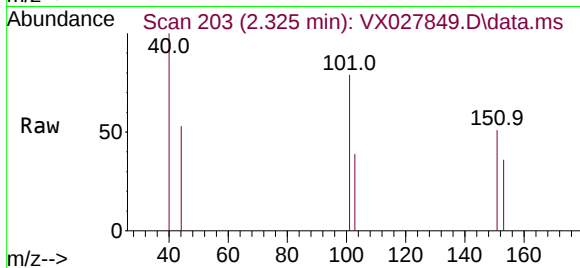




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.350 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

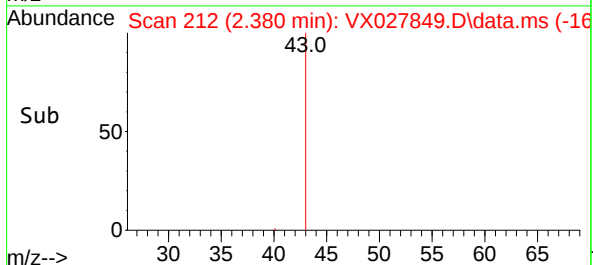
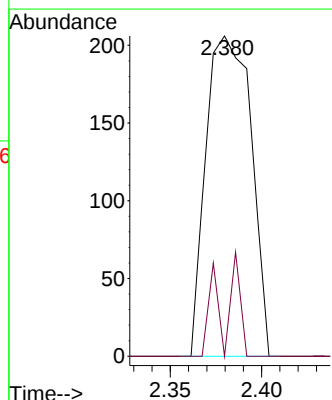
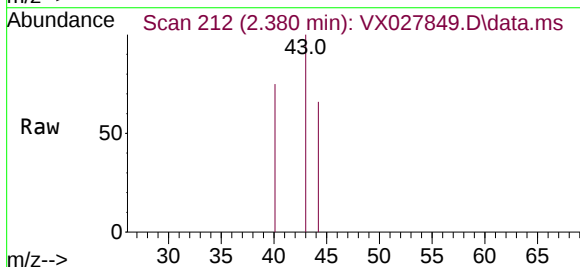
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

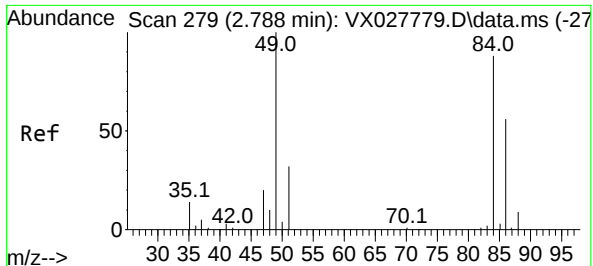
Tgt Ion:101 Resp: 238
Ion Ratio Lower Upper
101 100
85 11.3 33.5 50.3#
151 89.1 61.8 92.6



#16
Acetone
Concen: 0.851 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#20

Methylene Chloride

Concen: 0.210 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027849.D

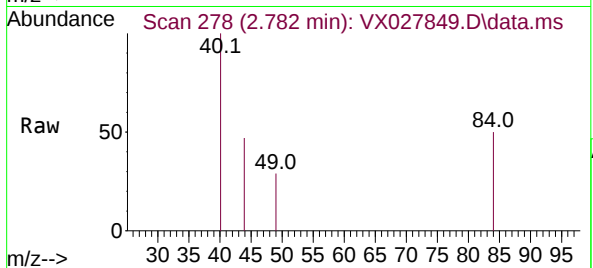
Acq: 31 Mar 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20220318DL



Tgt Ion: 84 Resp: 157

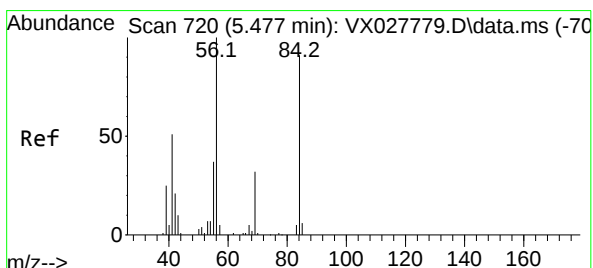
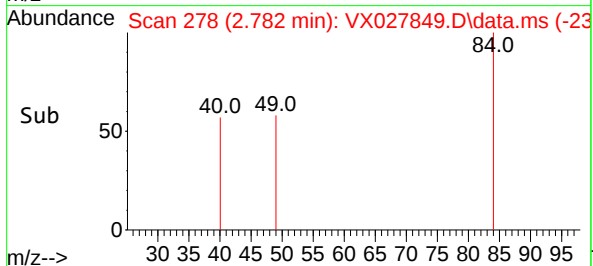
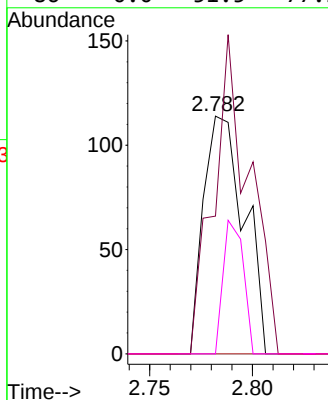
Ion Ratio Lower Upper

84 100

49 57.9 85.5 128.3#

51 0.0 26.6 39.8#

86 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.885 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX027849.D

Acq: 31 Mar 2022 15:42

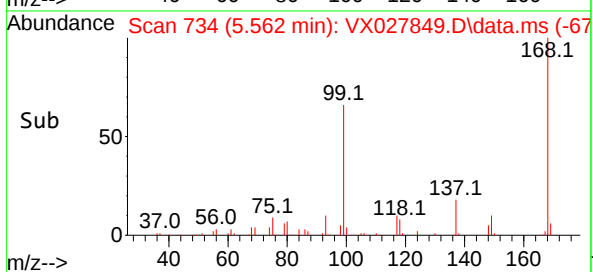
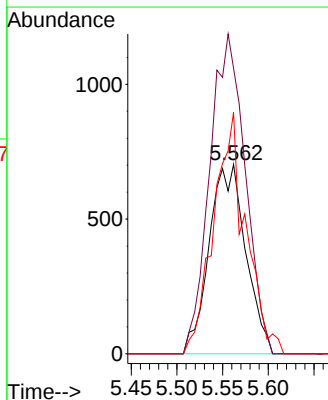
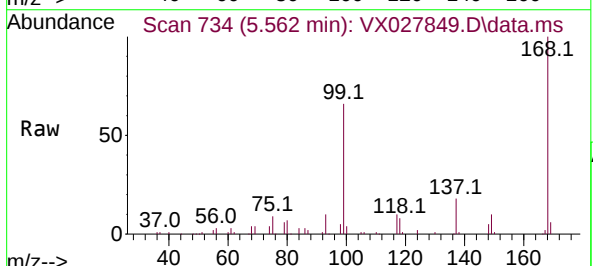
Tgt Ion: 56 Resp: 1952

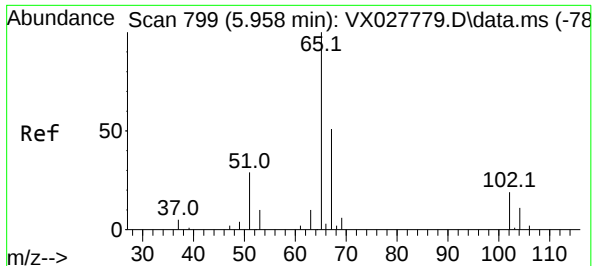
Ion Ratio Lower Upper

56 100

69 150.8 26.7 40.1#

84 127.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 60.688 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027849.D

Acq: 31 Mar 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

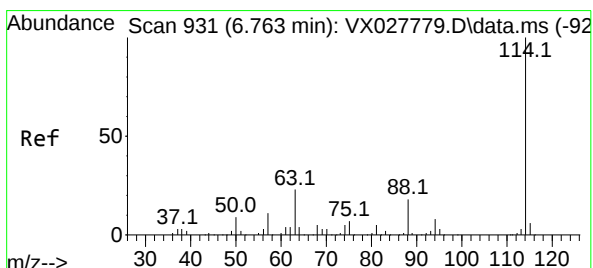
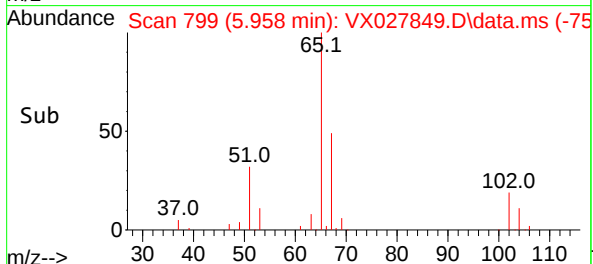
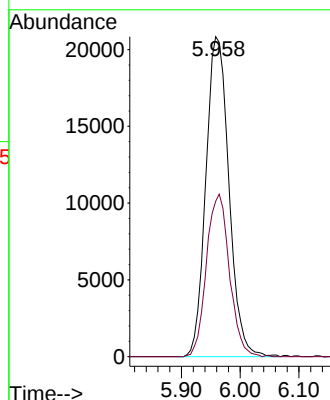
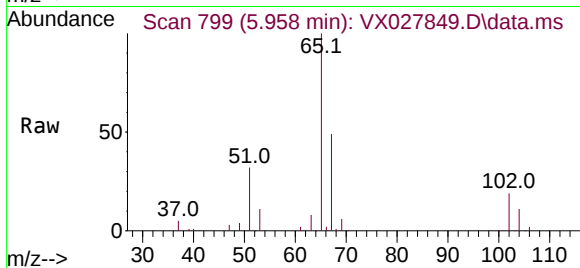
RE103D2-20220318DL

Tgt Ion: 65 Resp: 56863

Ion Ratio Lower Upper

65 100

67 50.5 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: VX027849.D

Acq: 31 Mar 2022 15:42

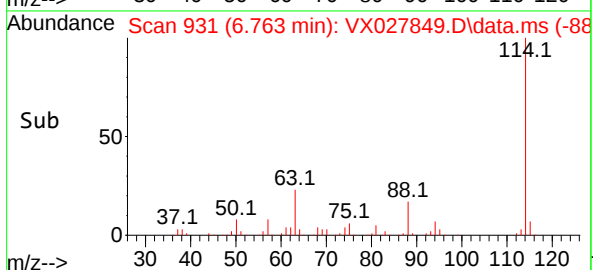
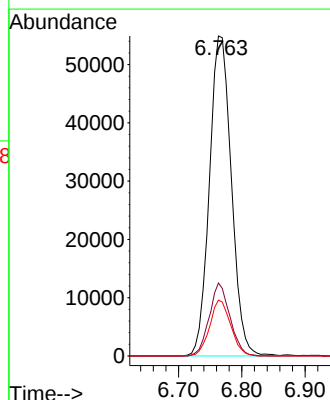
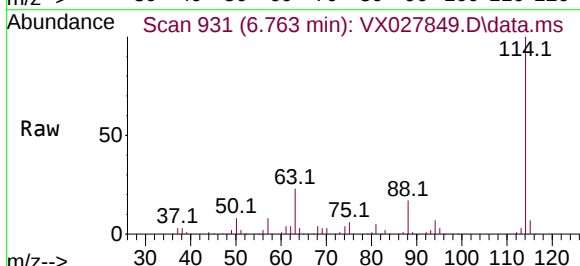
Tgt Ion: 114 Resp: 132425

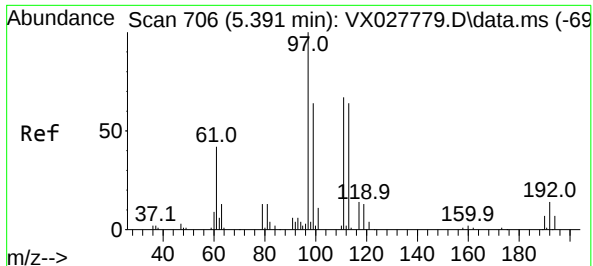
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.8

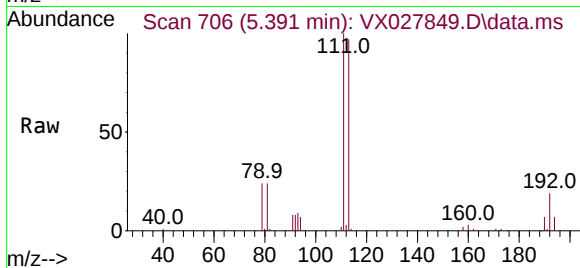
88 17.4 0.0 32.4



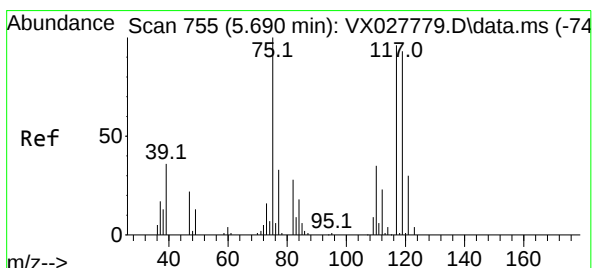
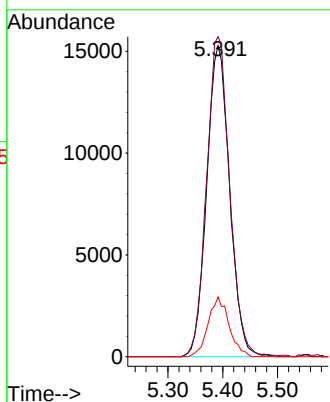
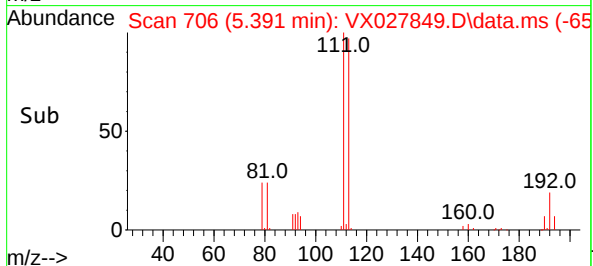


#35
Dibromofluoromethane
Concen: 51.833 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

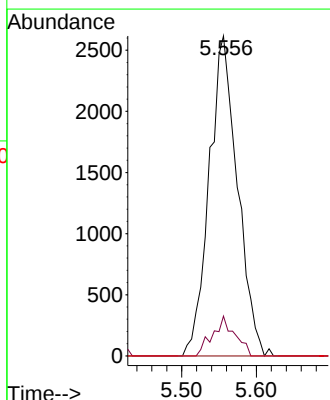
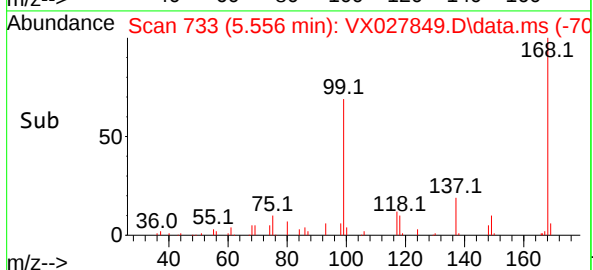
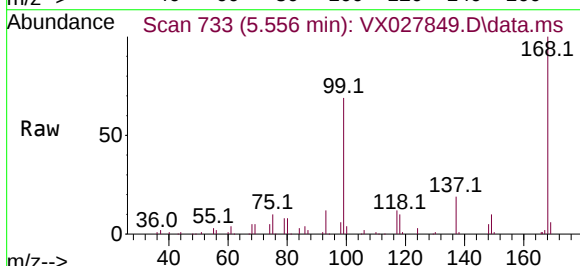


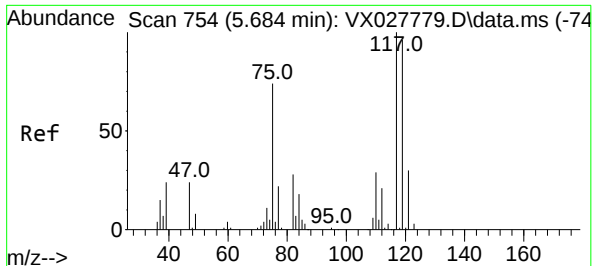
Tgt Ion:113 Resp: 44305
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 17.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.392 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

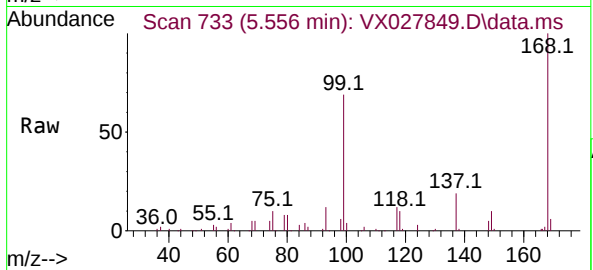
Tgt Ion: 75 Resp: 6882
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



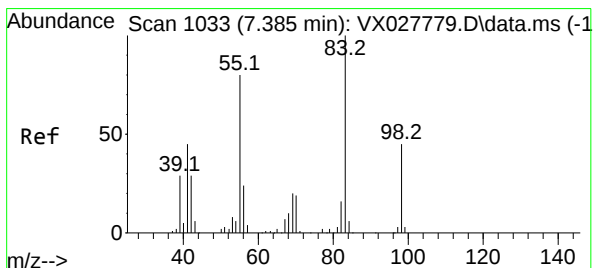
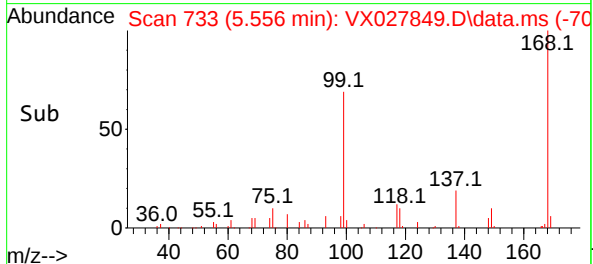
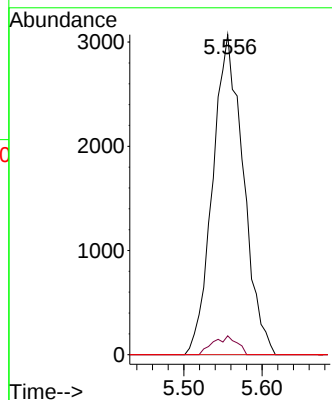


#38
Carbon Tetrachloride
Concen: 7.014 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

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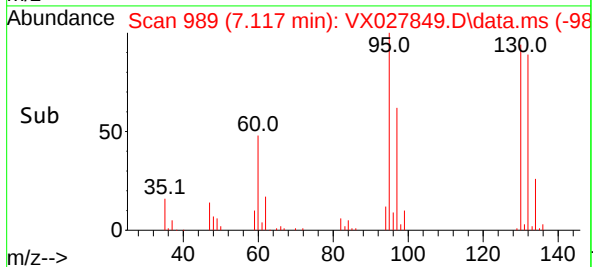
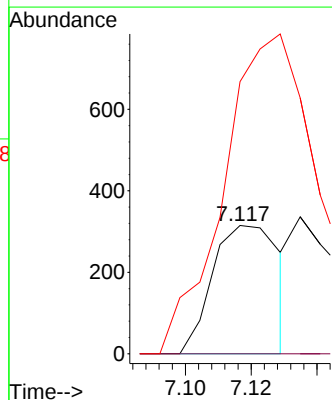
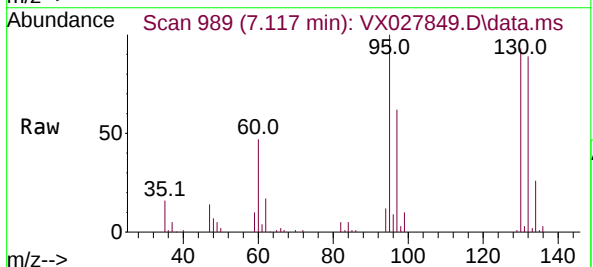


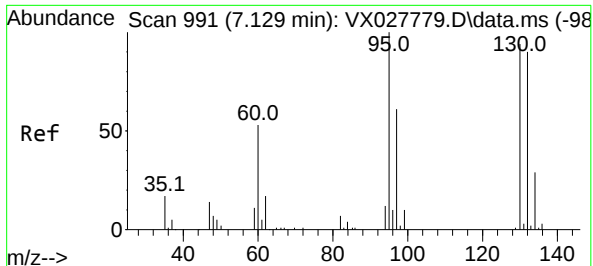
Tgt Ion:117 Resp: 8343
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.353 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.268 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 83 Resp: 447
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 168.3 37.4 56.2#

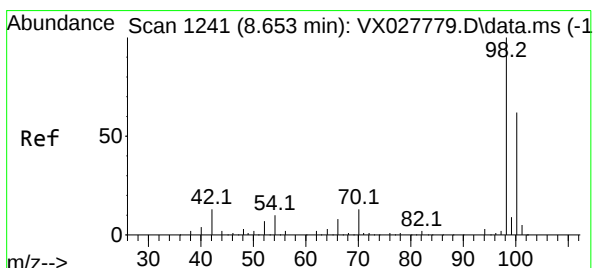
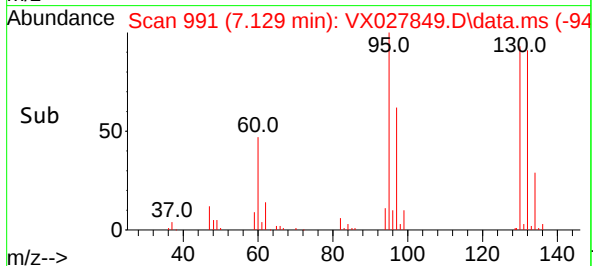
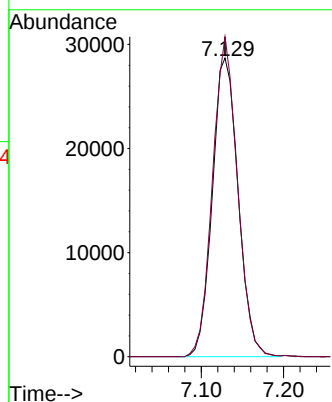
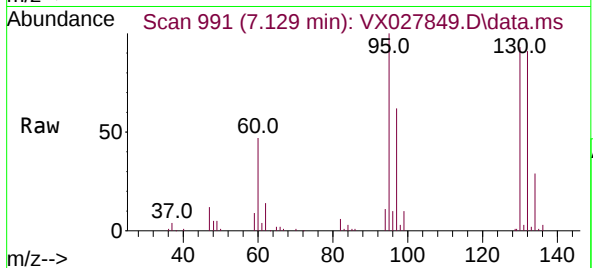




#44
Trichloroethene
Concen: 70.736 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

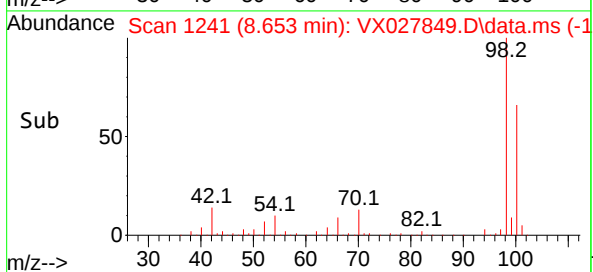
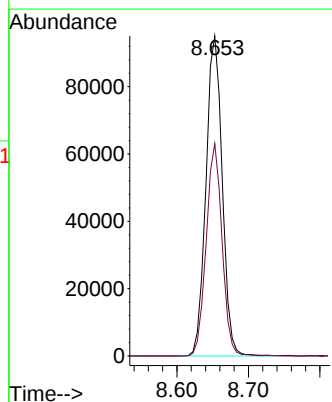
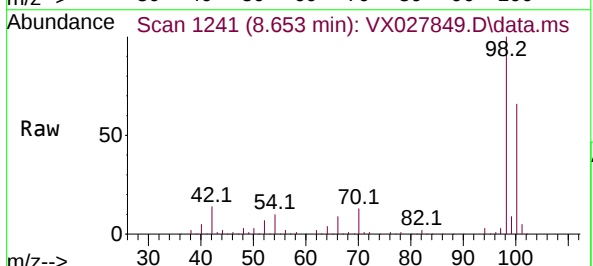
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

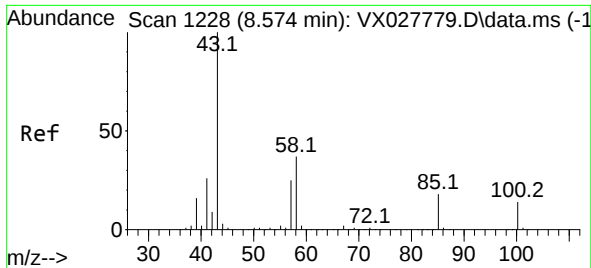
Tgt Ion:130 Resp: 62717
Ion Ratio Lower Upper
130 100
95 107.1 0.0 188.8



#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 98 Resp: 150433
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

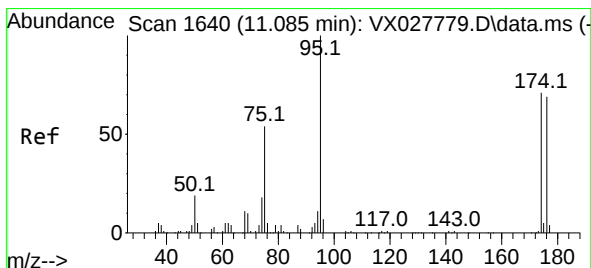
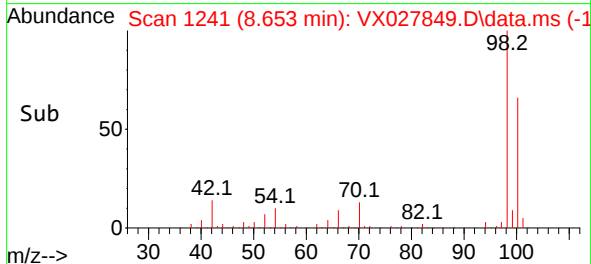
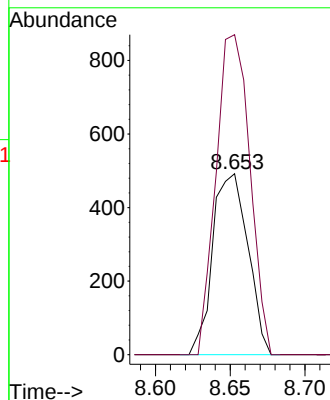
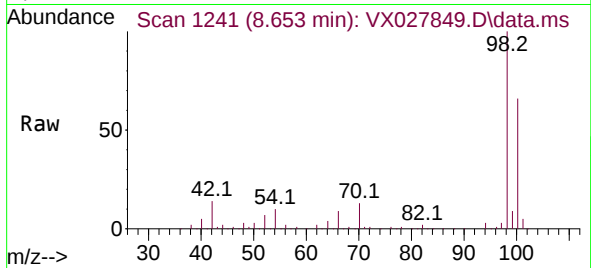




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

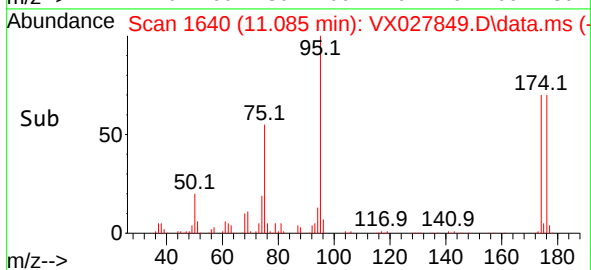
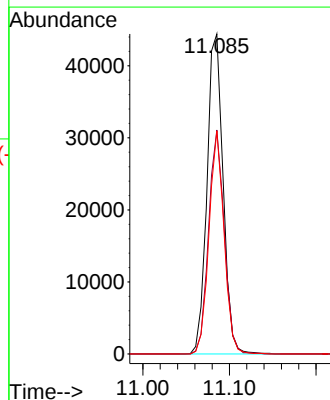
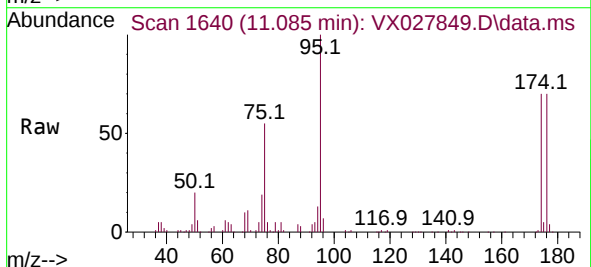
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

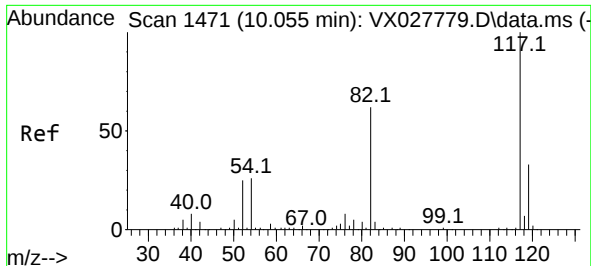
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 170.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.828 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 95 Resp: 57293
Ion Ratio Lower Upper
95 100
174 68.4 0.0 163.0
176 65.1 0.0 155.0

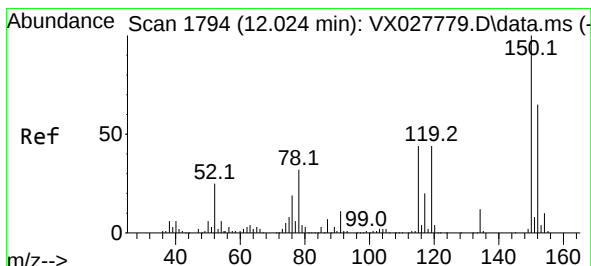
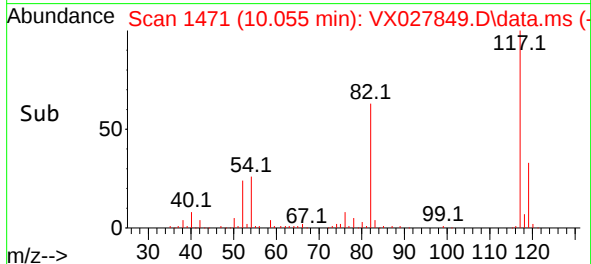
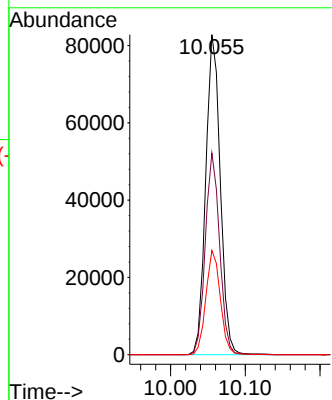
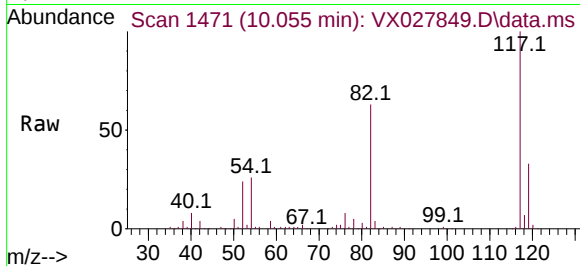




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

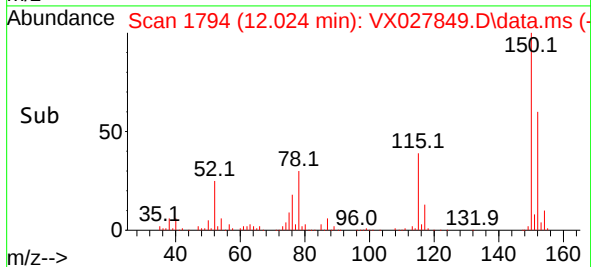
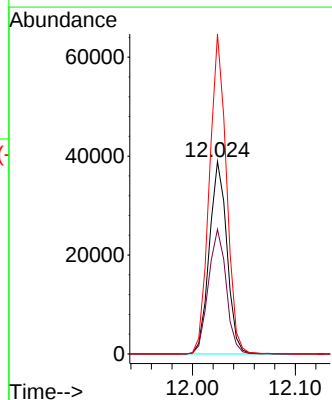
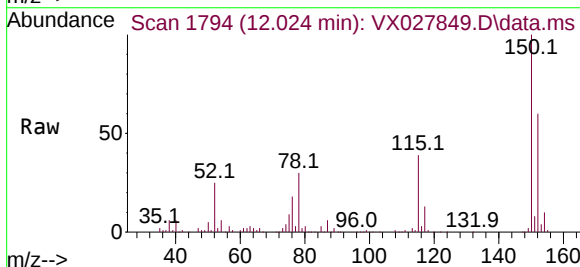
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

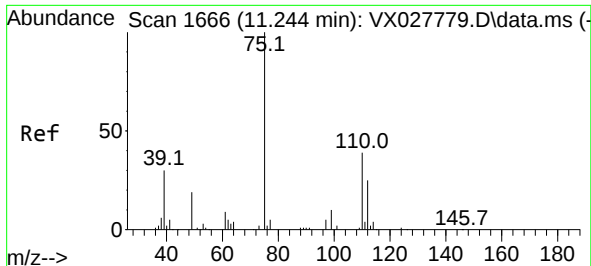
Tgt Ion:117 Resp: 111869
Ion Ratio Lower Upper
117 100
82 63.0 41.8 62.8#
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion:152 Resp: 46351
Ion Ratio Lower Upper
152 100
115 65.6 37.5 112.7
150 160.8 0.0 338.2

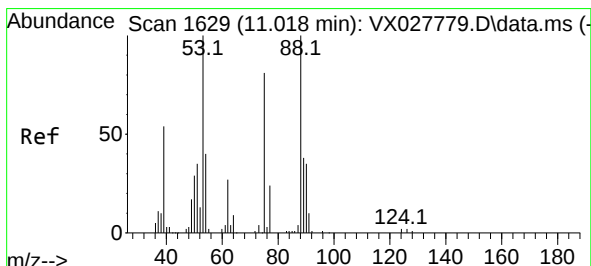
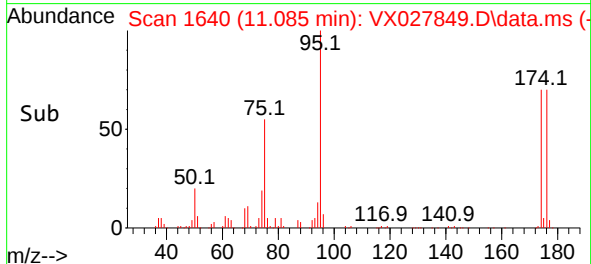
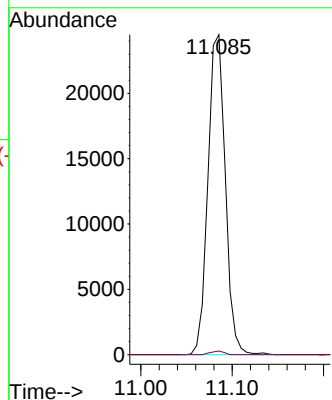
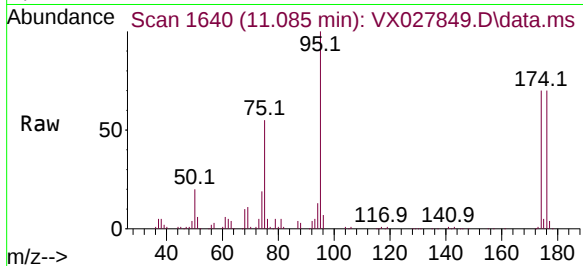




#76
1,2,3-Trichloropropane
Concen: 29.765 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20220318DL

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.726 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027849.D
Acq: 31 Mar 2022 15:42

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

