

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027811.D
 Acq On : 30 Mar 2022 15:27
 Operator : JC/MD
 Sample : N2041-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220318

Quant Time: Mar 31 05:49:32 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)

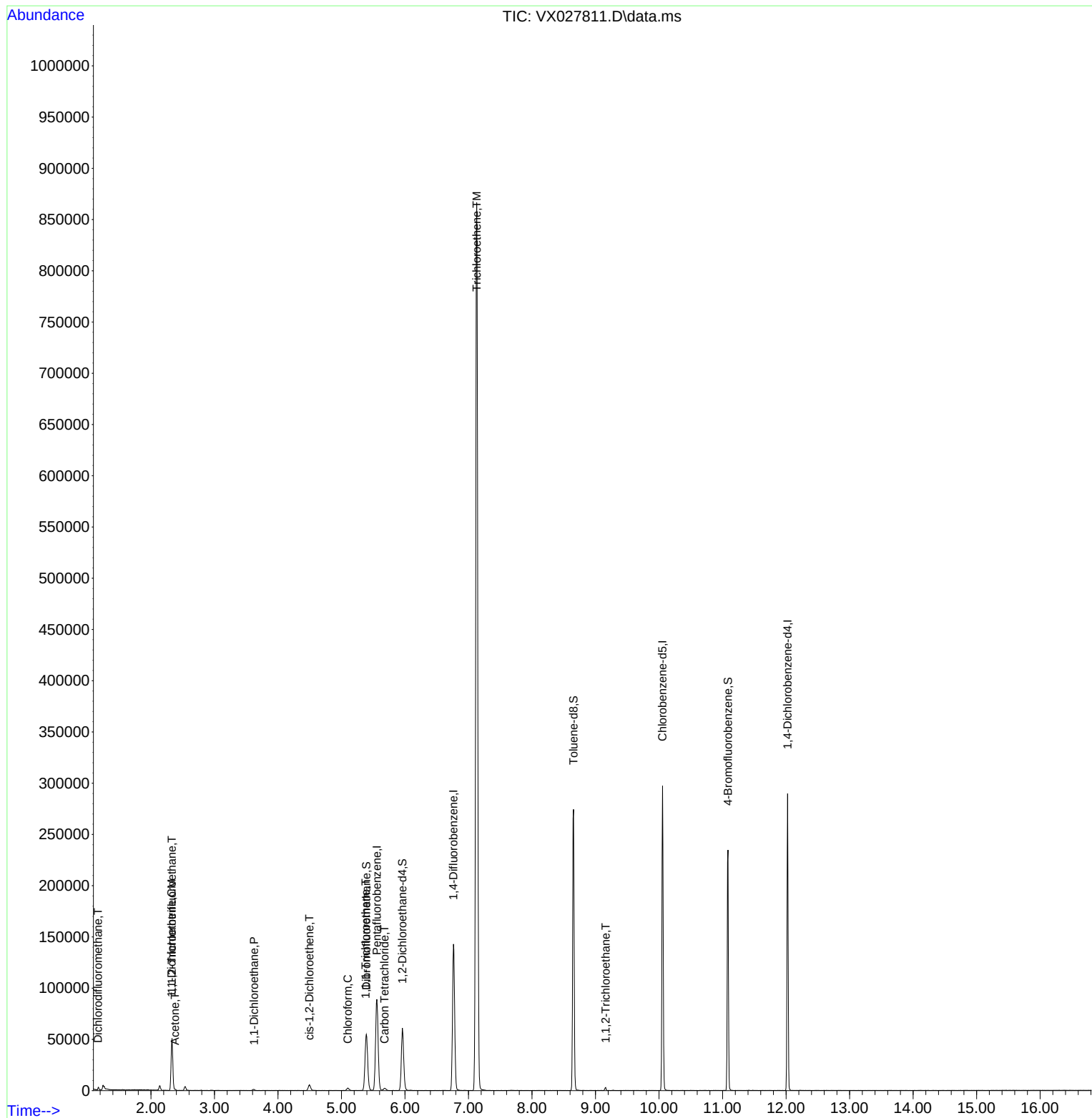
Internal Standards						
1) Pentafluorobenzene	5.556	168	82315	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58282	54.875	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.740%	
35) Dibromofluoromethane	5.391	113	47520	52.895	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.780%	
50) Toluene-d8	8.653	98	161724	51.164	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.085	95	62348	46.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	793	1.063	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	17417	22.597	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2621	3.706	ug/l	94
16) Acetone	2.380	43	1007	2.142	ug/l	# 78
24) 1,1-Dichloroethane	3.623	63	1392	0.951	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	3380	3.652	ug/l	96
30) Chloroform	5.099	83	2691	1.654	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	434	0.308	ug/l	# 42
38) Carbon Tetrachloride	5.678	117	2107	1.685	ug/l	99
44) Trichloroethene	7.129	130	330697	354.871	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	779	0.813	ug/l	87

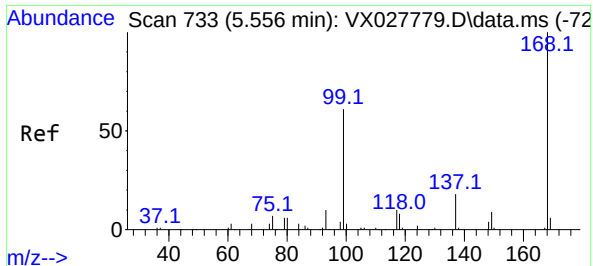
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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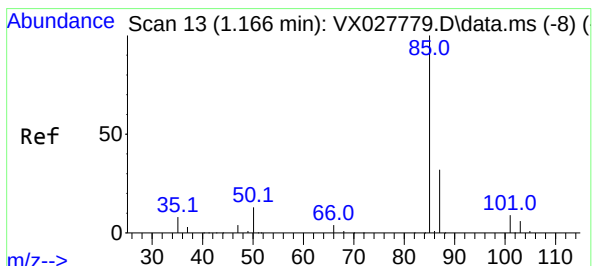
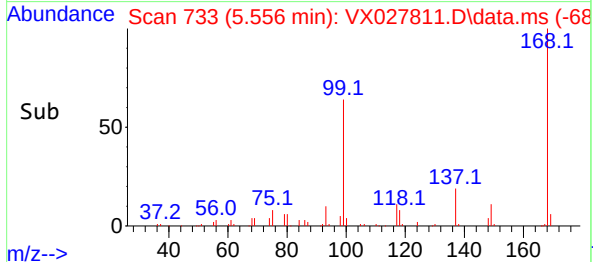
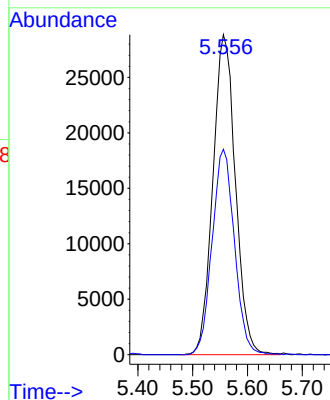
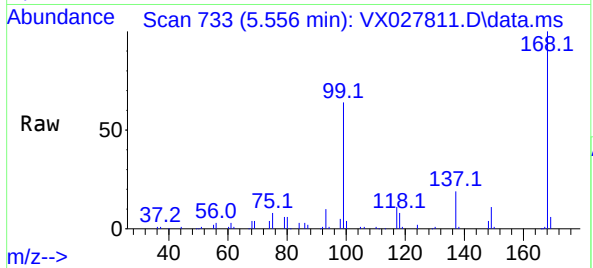




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

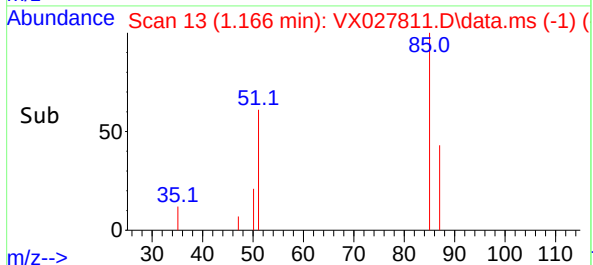
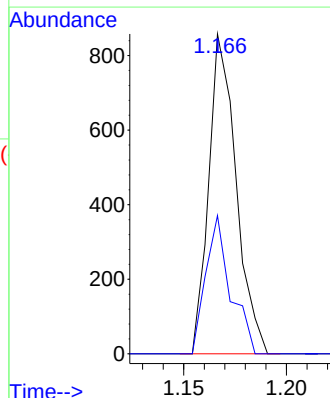
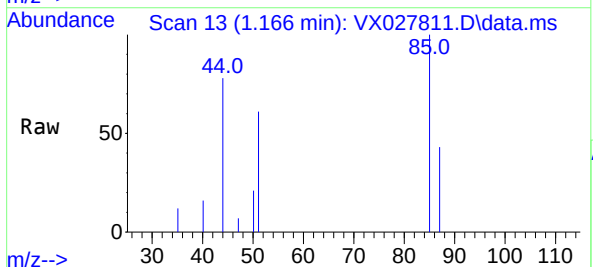
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318

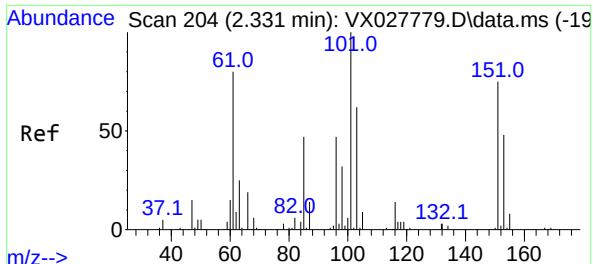
Tgt Ion:168 Resp: 82315
Ion Ratio Lower Upper
168 100
99 64.2 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 1.063 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

Tgt Ion: 85 Resp: 793
Ion Ratio Lower Upper
85 100
87 43.2 16.2 48.6

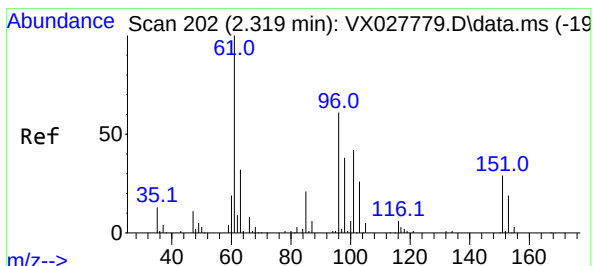
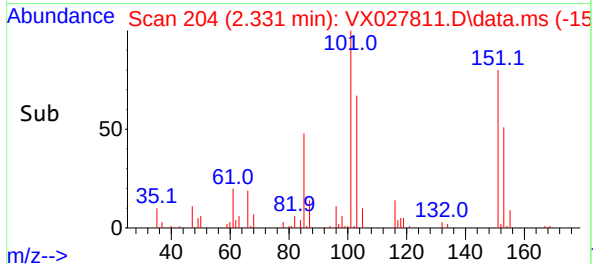
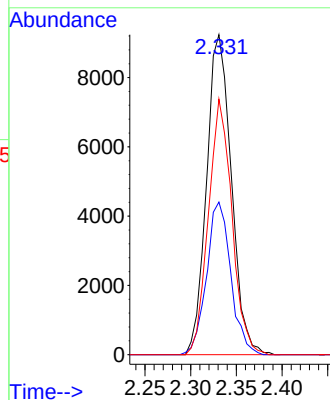
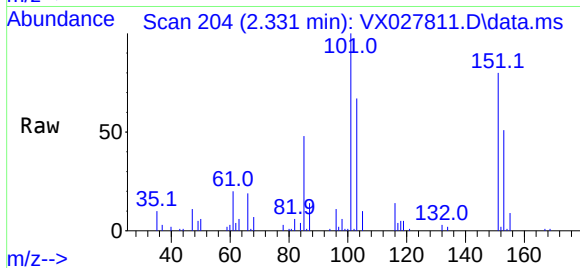




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.597 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

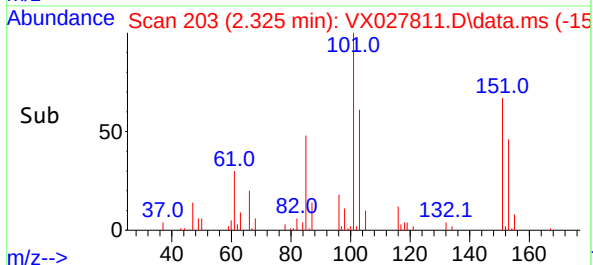
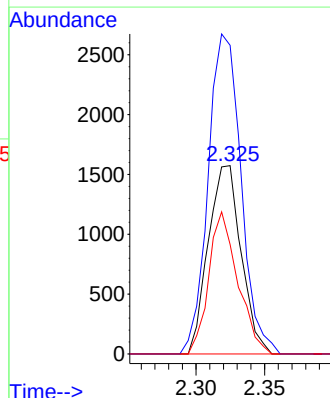
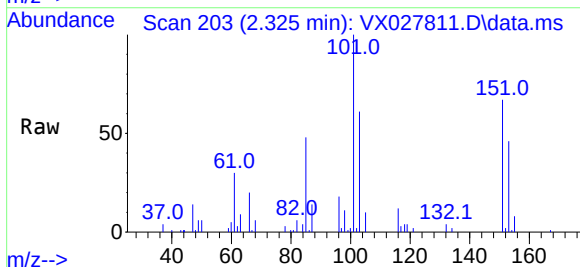
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318

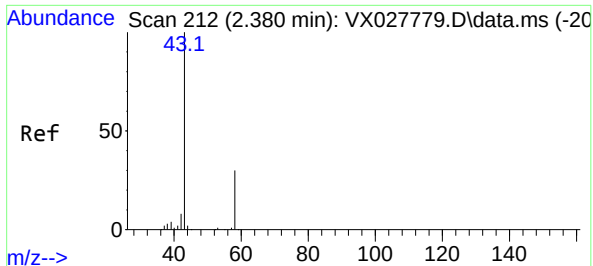
Tgt Ion:	101	Resp:	17417
Ion	Ratio	Lower	Upper
101	100		
85	46.6	33.5	50.3
151	75.8	61.8	92.6



#12
1,1-Dichloroethene
Concen: 3.706 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

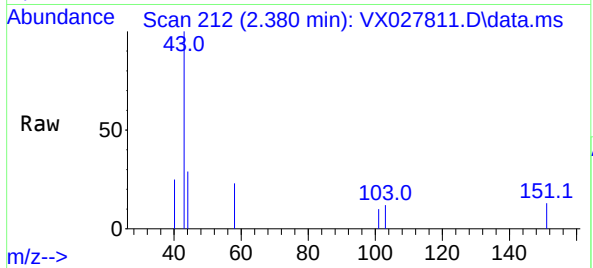
Tgt Ion:	96	Resp:	2621
Ion	Ratio	Lower	Upper
96	100		
61	163.9	124.6	187.0
98	58.1	51.0	76.4



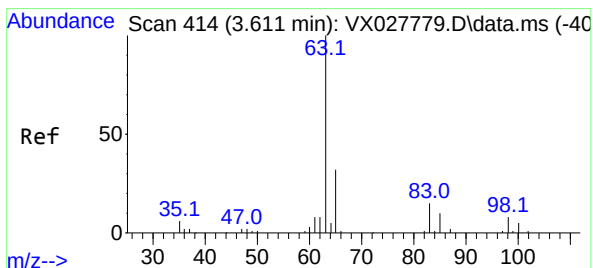
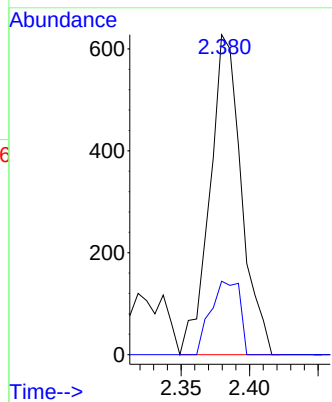
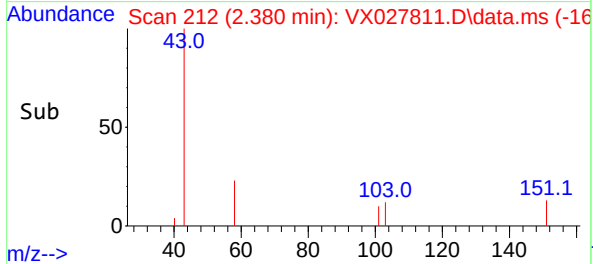


#16
Acetone
Concen: 2.142 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

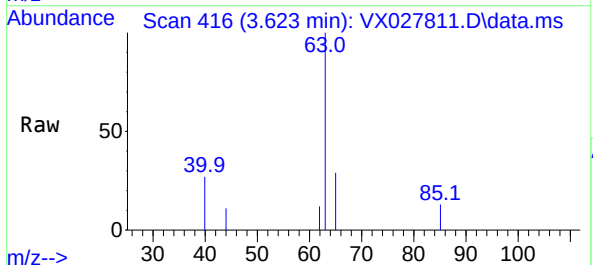
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318



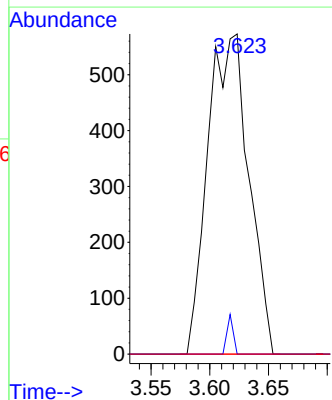
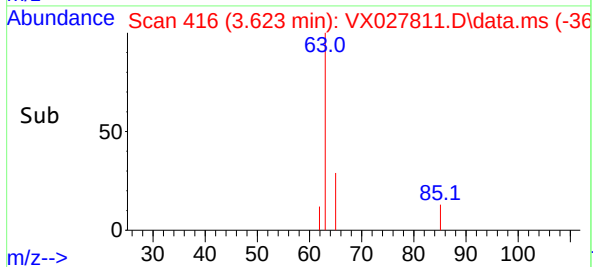
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 22.9 28.8 43.2#

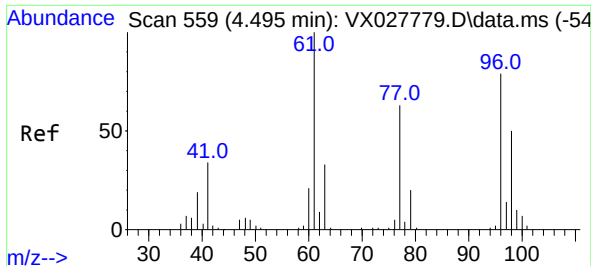


#24
1,1-Dichloroethane
Concen: 0.951 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27



Tgt Ion: 63 Resp: 1392
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#



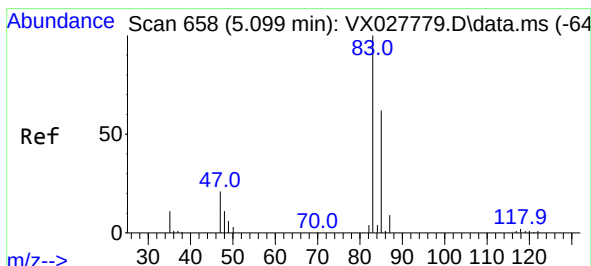
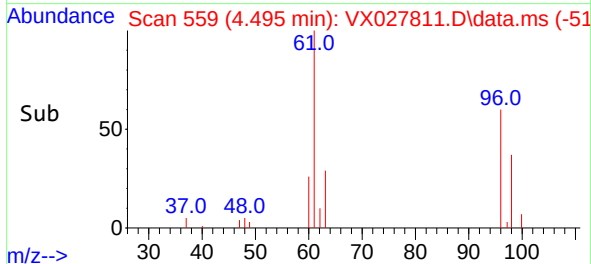
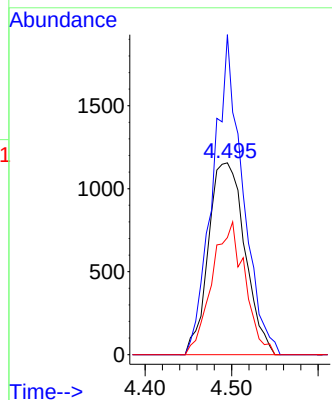
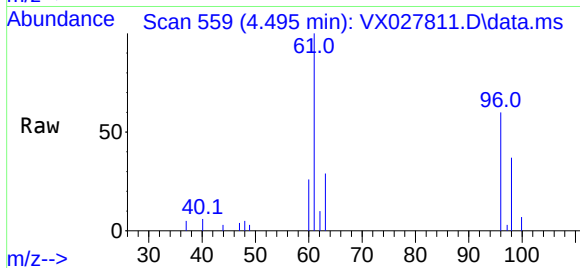


#27
 cis-1,2-Dichloroethene
 Concen: 3.652 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX027811.D
 Acq: 30 Mar 2022 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220318

Tgt Ion: 96 Resp: 3380

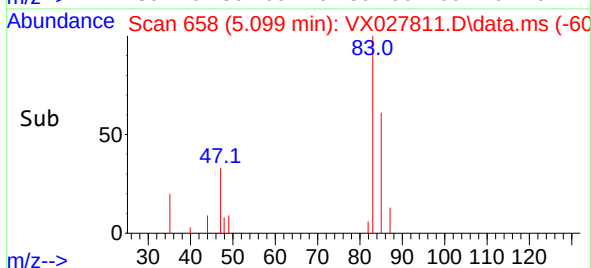
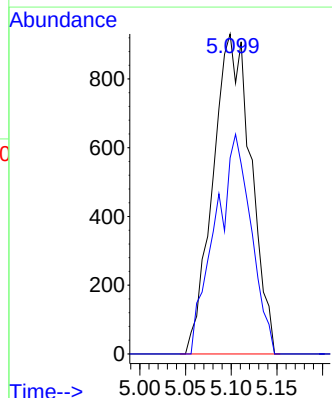
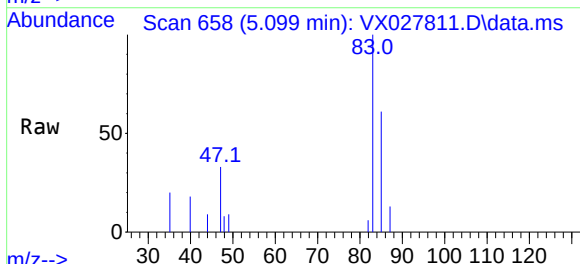
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	283.8
98	62.6	0.0	129.8

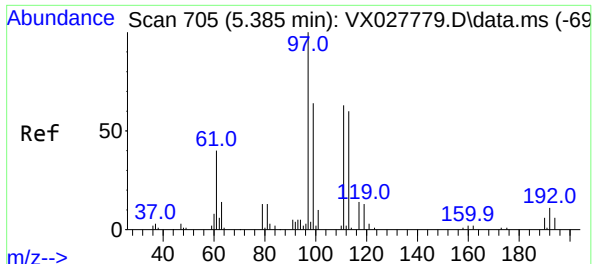


#30
 Chloroform
 Concen: 1.654 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX027811.D
 Acq: 30 Mar 2022 15:27

Tgt Ion: 83 Resp: 2691

Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.7	79.1

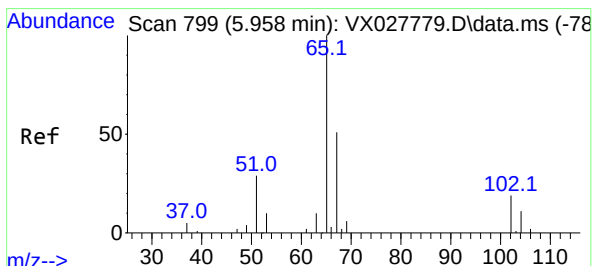
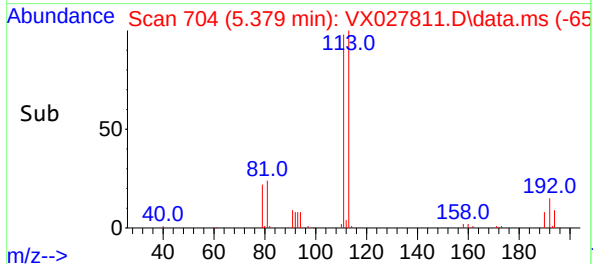
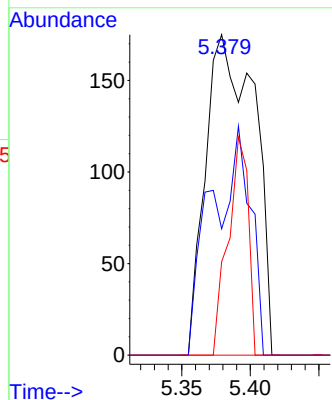
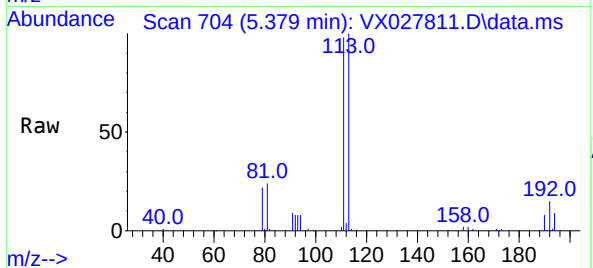




#32
1,1,1-Trichloroethane
Concen: 0.308 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

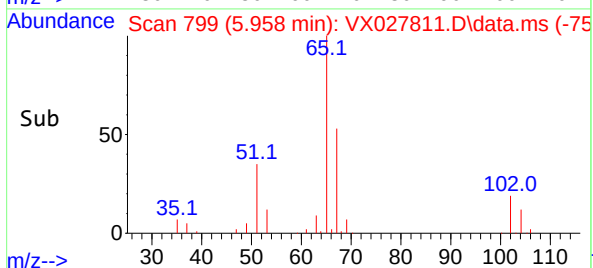
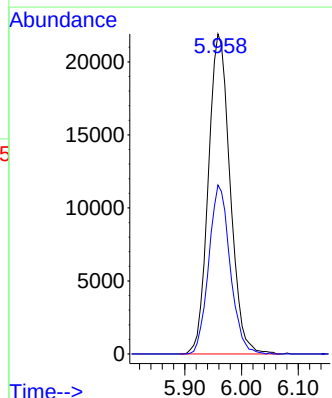
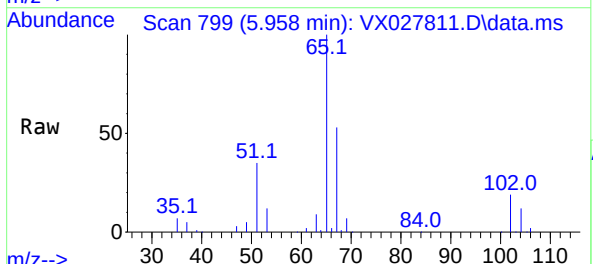
Instrument :
MSVOA_X
ClientSampleId :
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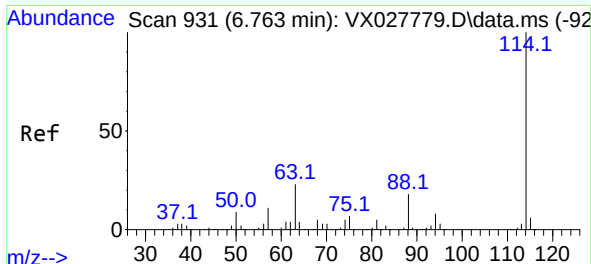
Tgt Ion: 97 Resp: 434
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 28.3 34.0 51.0#



#33
1,2-Dichloroethane-d4
Concen: 54.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

Tgt Ion: 65 Resp: 58282
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

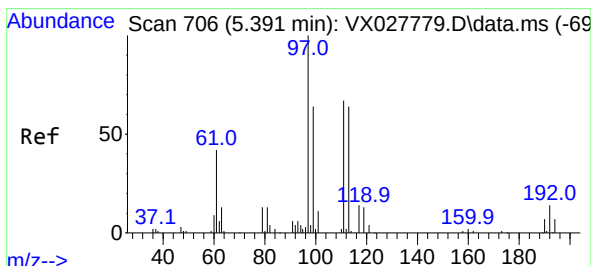
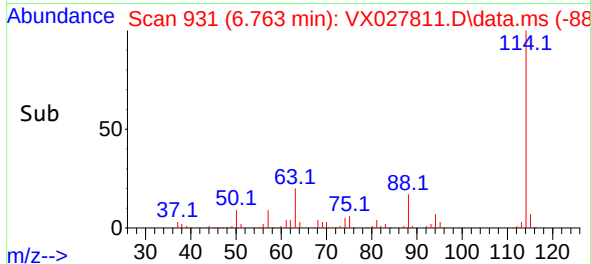
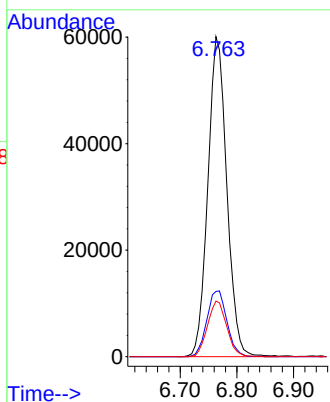
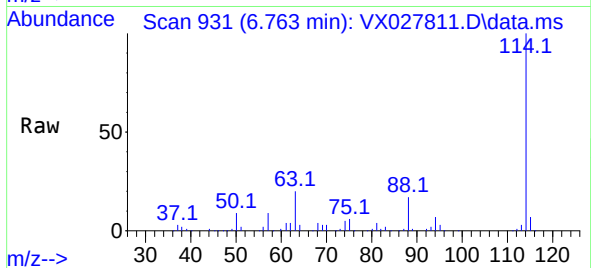




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

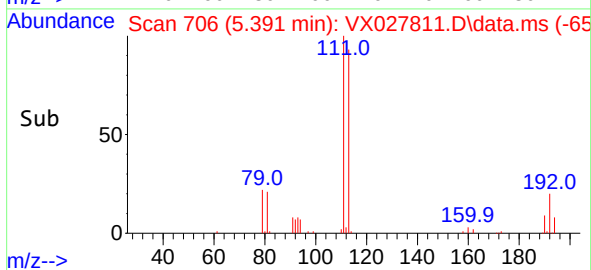
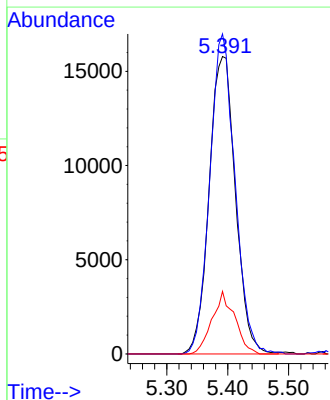
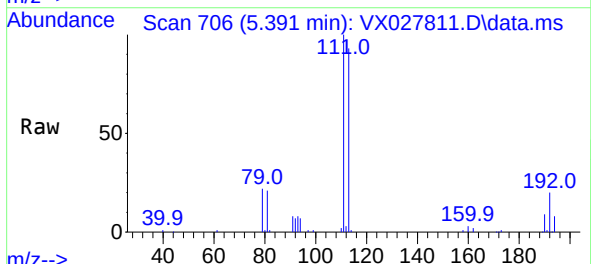
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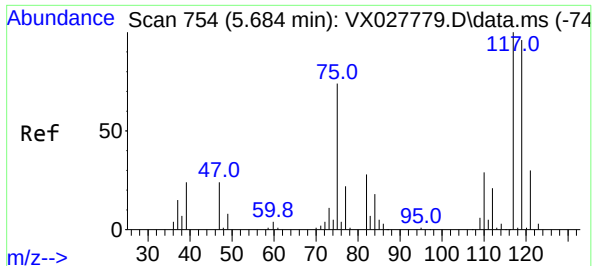
Tgt Ion:114 Resp: 139182
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 17.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.895 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

Tgt Ion:113 Resp: 47520
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 16.9 25.3

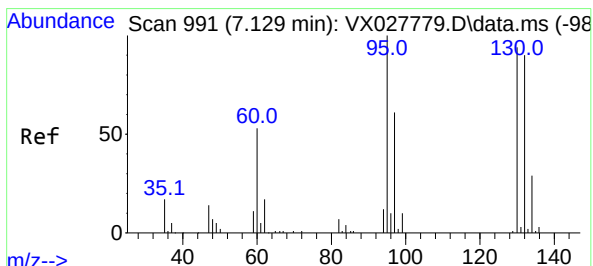
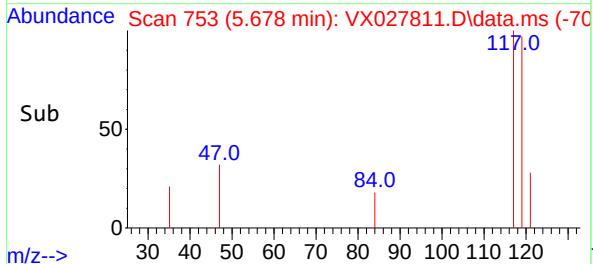
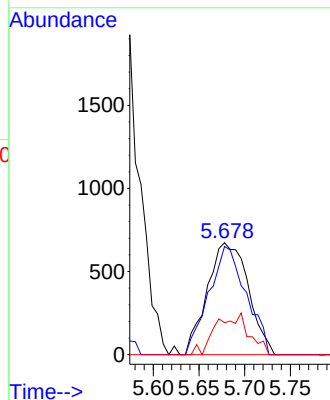
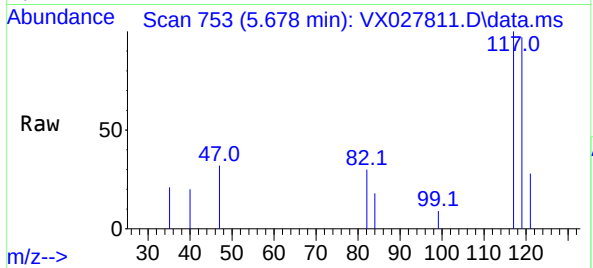




#38
Carbon Tetrachloride
Concen: 1.685 ug/l
RT: 5.678 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

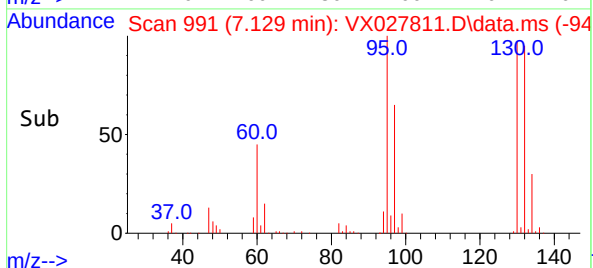
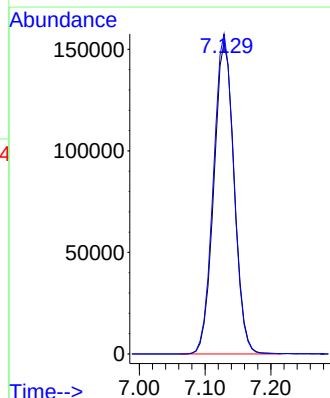
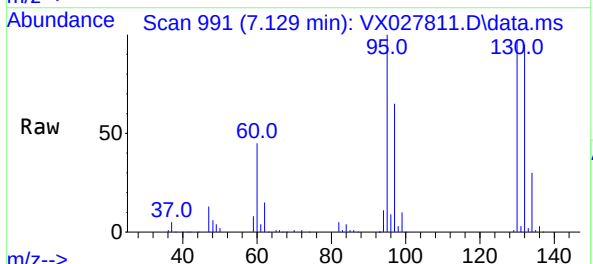
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318

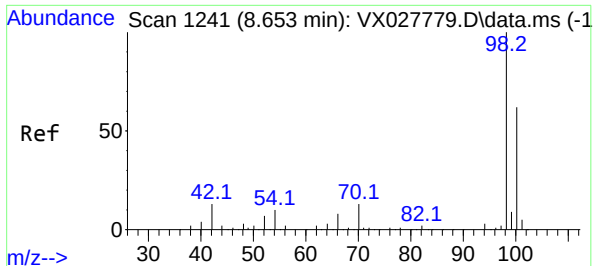
Tgt Ion:117 Resp: 2107
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 28.5 24.2 36.2



#44
Trichloroethene
Concen: 354.871 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

Tgt Ion:130 Resp: 330697
Ion Ratio Lower Upper
130 100
95 102.8 0.0 188.8

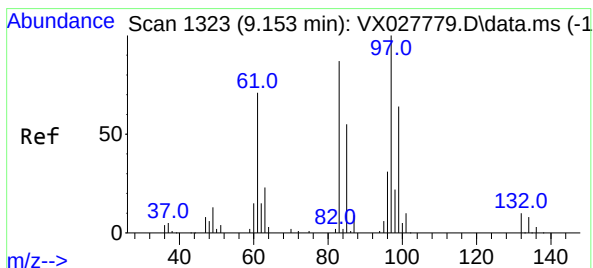
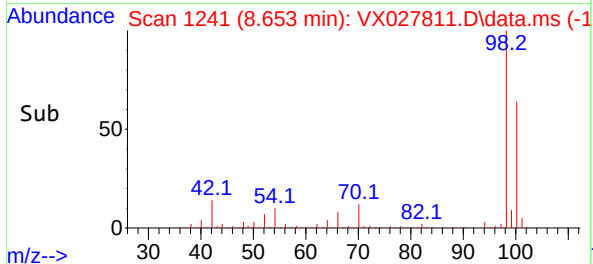
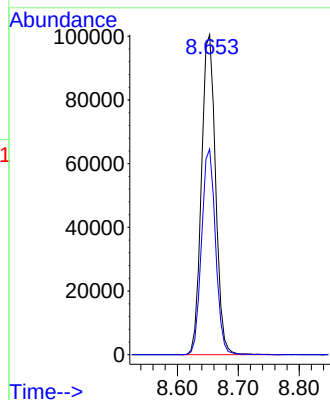
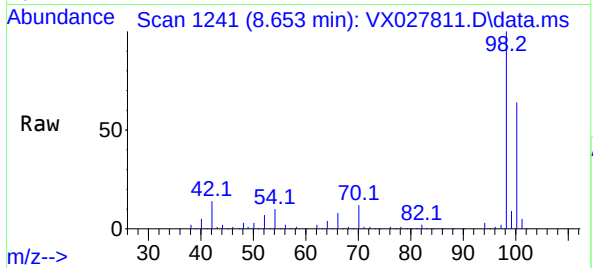




#50
Toluene-d8
Concen: 51.164 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

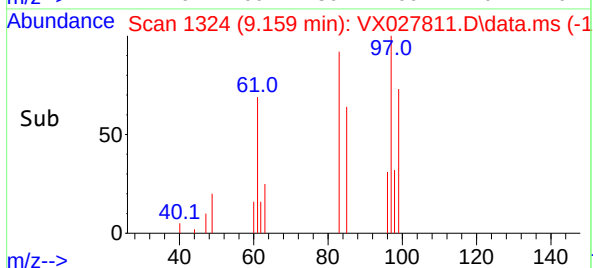
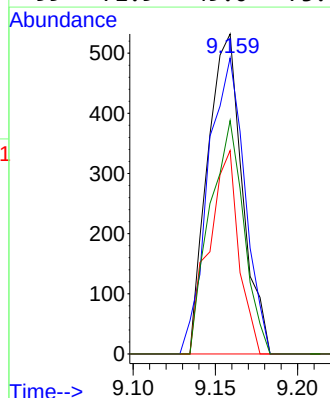
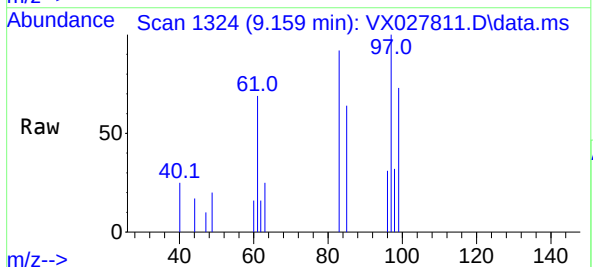
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318

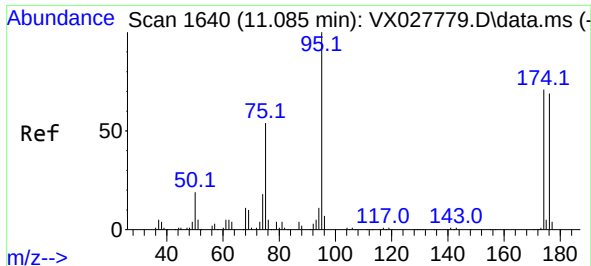
Tgt Ion: 98 Resp: 161724
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.813 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

Tgt Ion: 97 Resp: 779
Ion Ratio Lower Upper
97 100
83 92.5 66.2 99.4
85 63.5 42.9 64.3
99 72.9 49.0 73.6

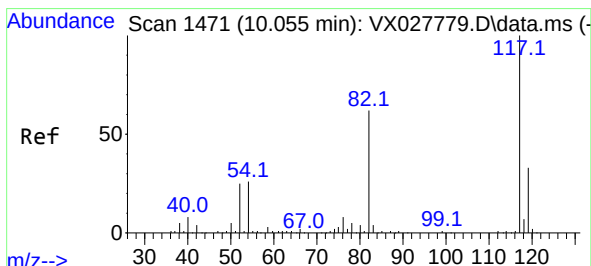
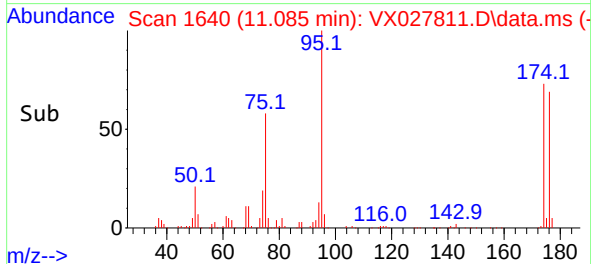
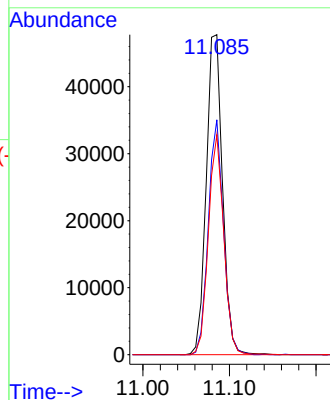
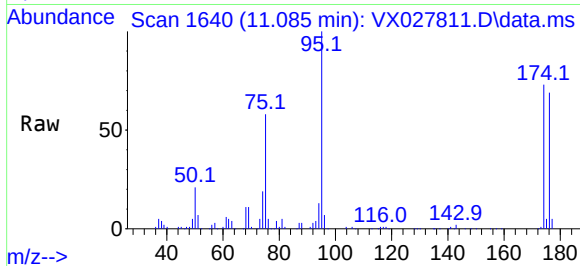




#62
4-Bromofluorobenzene
Concen: 46.415 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

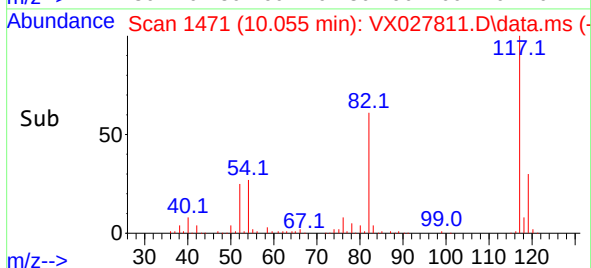
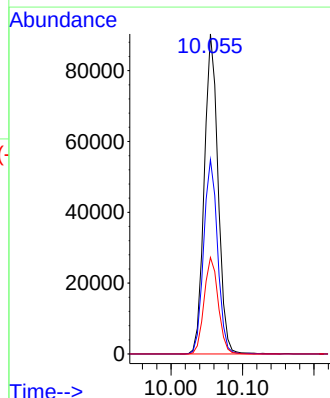
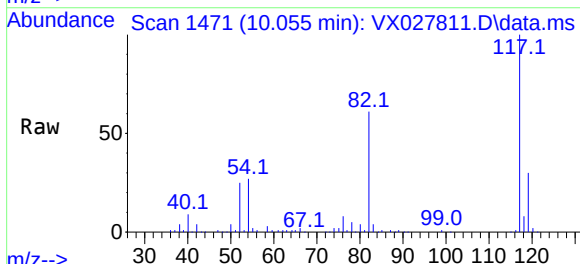
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318

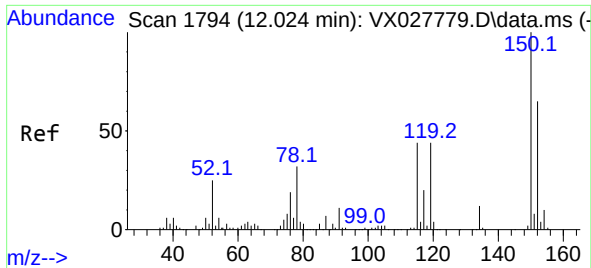
Tgt Ion: 95 Resp: 62348
Ion Ratio Lower Upper
95 100
174 68.5 0.0 163.0
176 64.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027811.D
Acq: 30 Mar 2022 15:27

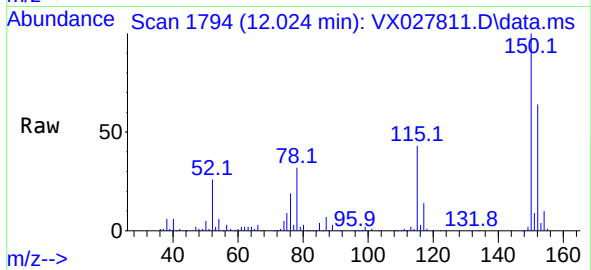
Tgt Ion: 117 Resp: 121061
Ion Ratio Lower Upper
117 100
82 60.7 41.8 62.8
119 30.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027811.D
 Acq: 30 Mar 2022 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220318



Tgt Ion:152 Resp: 52188
 Ion Ratio Lower Upper
 152 100
 115 66.5 37.5 112.7
 150 153.8 0.0 338.2

