

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027794.D
 Acq On : 29 Mar 2022 23:26
 Operator : JC/MD
 Sample : N2041-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20220317

Quant Time: Mar 30 05:17:00 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)

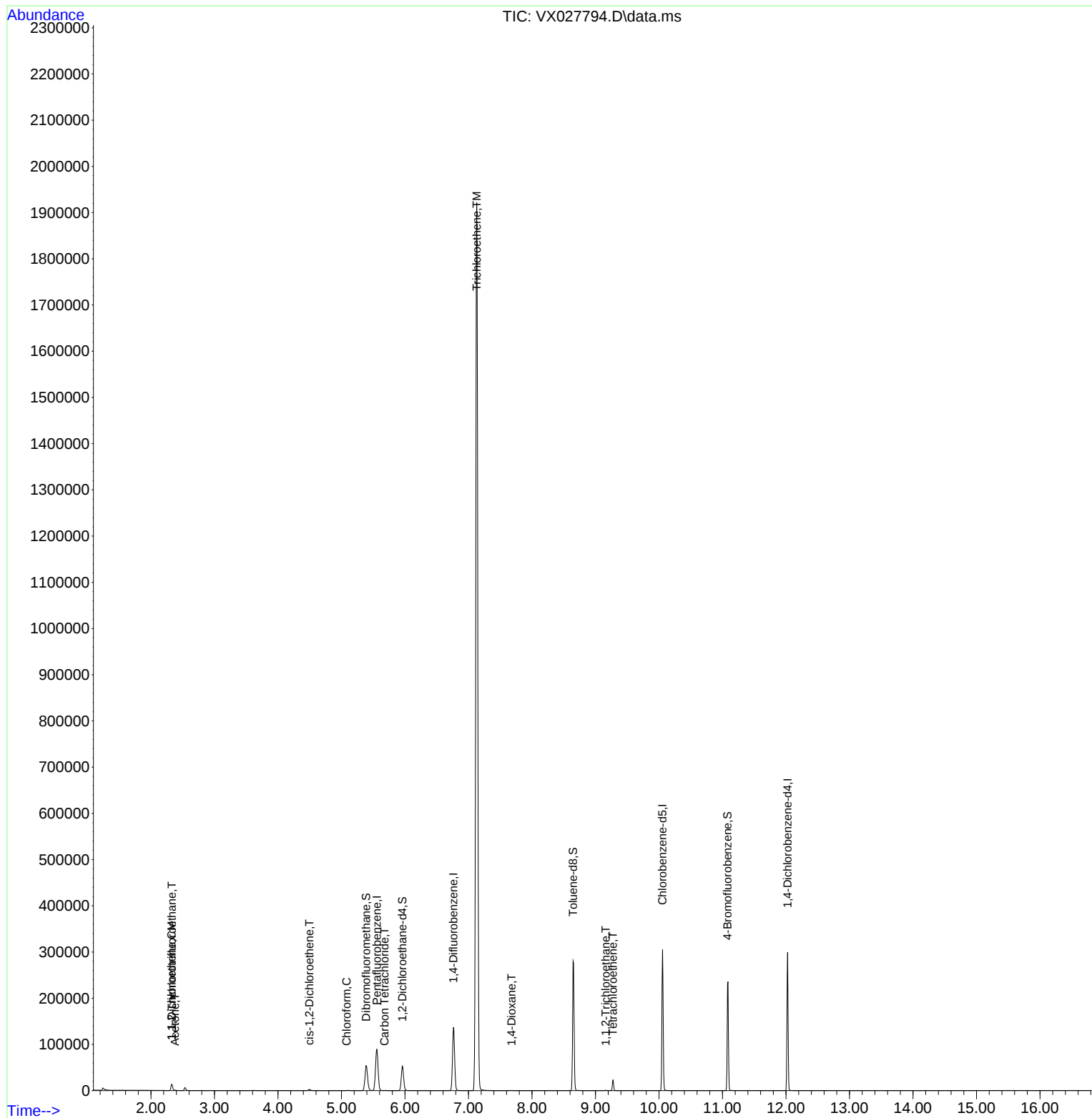
Internal Standards						
1) Pentafluorobenzene	5.556	168	79298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50193	49.057	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.120%
35) Dibromofluoromethane	5.385	113	47400	51.330	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.660%
50) Toluene-d8	8.647	98	167480	51.547	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.100%
62) 4-Bromofluorobenzene	11.079	95	64898	47.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.000%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	4249	5.722	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1385	2.033	ug/l	85
16) Acetone	2.380	43	1221	2.696	ug/l	# 76
27) cis-1,2-Dichloroethene	4.495	96	1521	1.706	ug/l	95
30) Chloroform	5.080	83	698	0.445	ug/l	# 44
38) Carbon Tetrachloride	5.678	117	509	0.396	ug/l	# 64
44) Trichloroethene	7.129	130	765029	798.682	ug/l	98
49) 1,4-Dioxane	7.678	88	350	14.639	ug/l	# 81
55) 1,1,2-Trichloroethane	9.159	97	306	0.311	ug/l	# 86
64) Tetrachloroethene	9.275	164	3915	4.642	ug/l	93

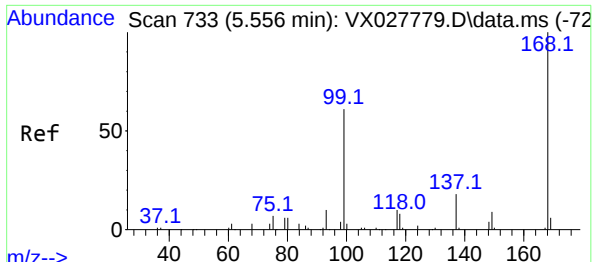
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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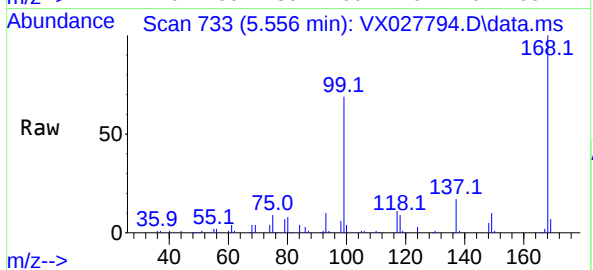
Quant Time: Mar 30 05:17:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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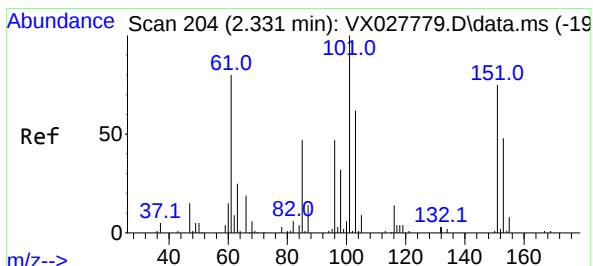
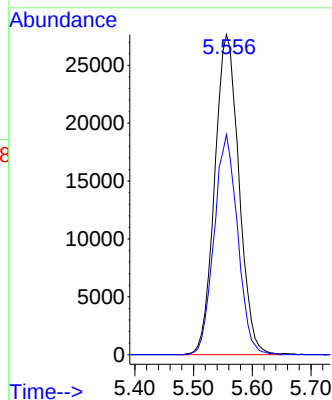
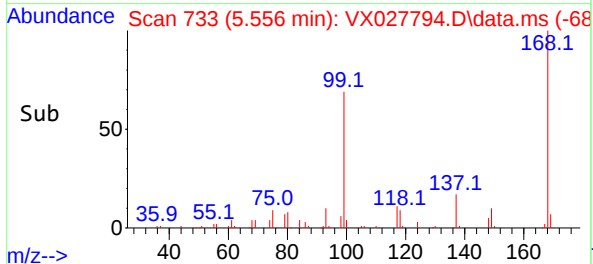


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

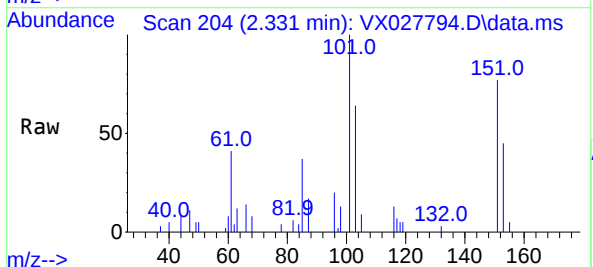
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317



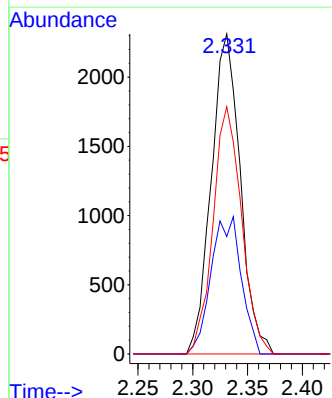
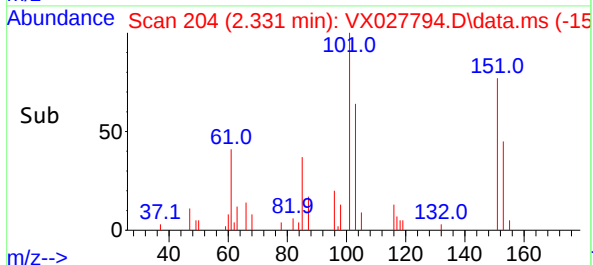
Tgt Ion:168 Resp: 79298
Ion Ratio Lower Upper
168 100
99 68.8 41.7 62.5#

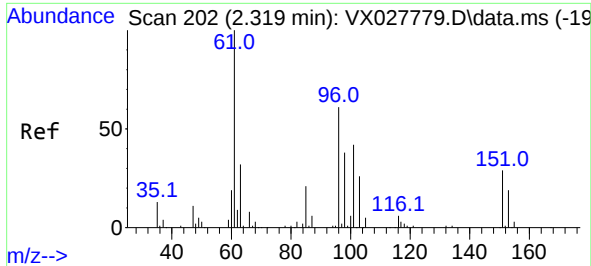


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.722 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26



Tgt Ion:101 Resp: 4249
Ion Ratio Lower Upper
101 100
85 44.7 33.5 50.3
151 76.1 61.8 92.6

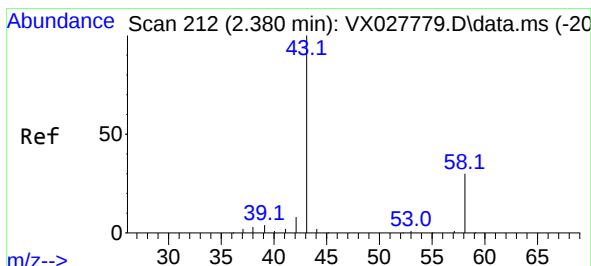
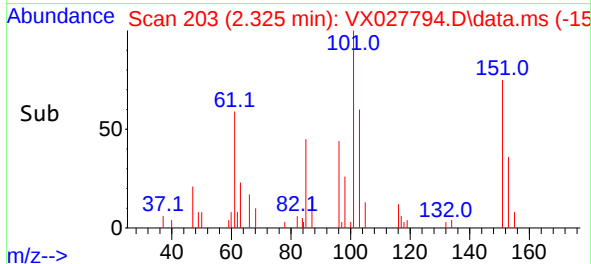
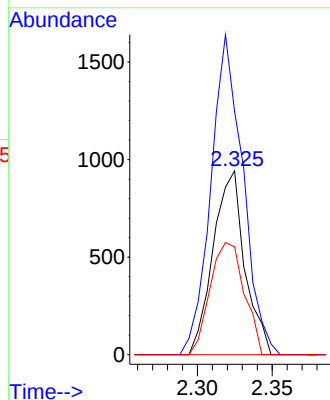
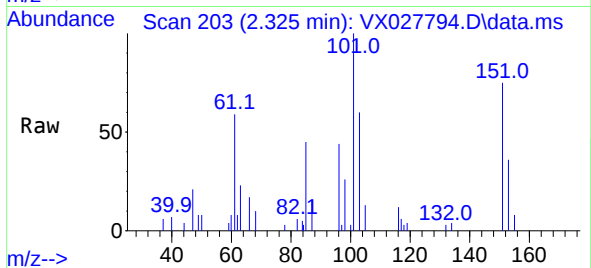




#12
1,1-Dichloroethene
Concen: 2.033 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

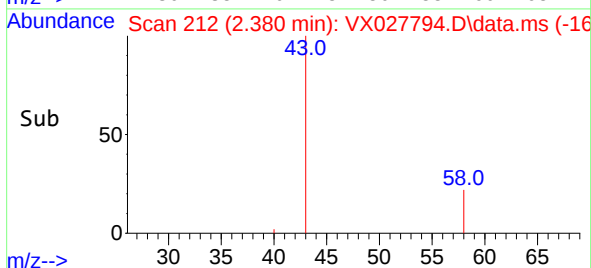
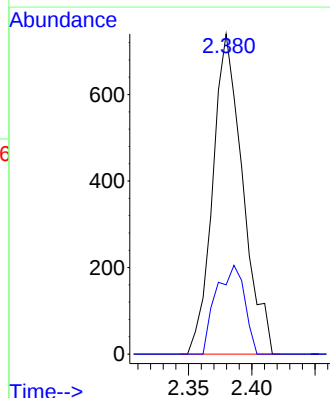
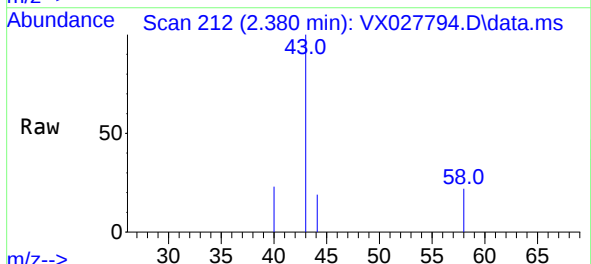
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

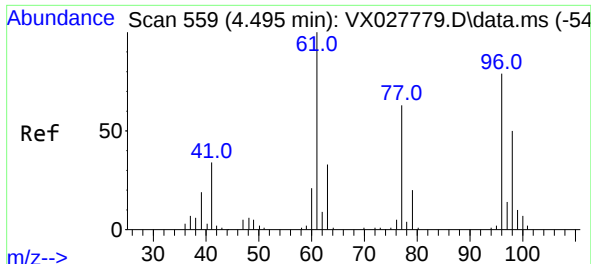
Tgt Ion: 96 Resp: 1385
Ion Ratio Lower Upper
96 100
61 132.3 124.6 187.0
98 58.7 51.0 76.4



#16
Acetone
Concen: 2.696 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 21.6 28.8 43.2#



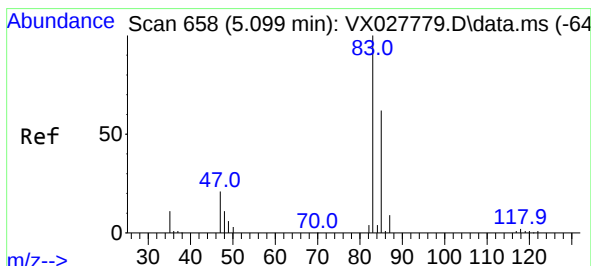
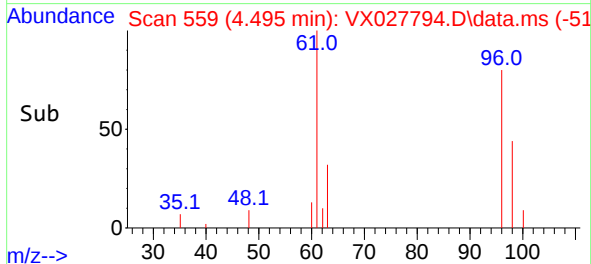
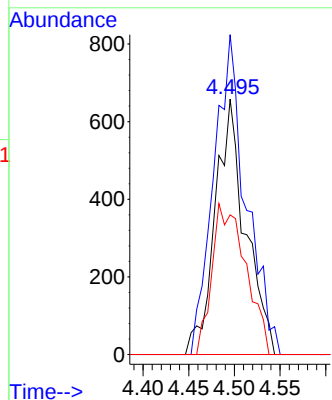
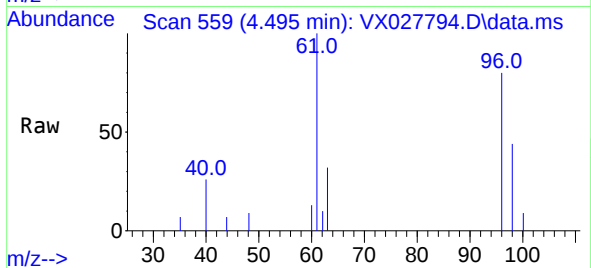


#27
cis-1,2-Dichloroethene
Concen: 1.706 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

Tgt Ion: 96 Resp: 1521

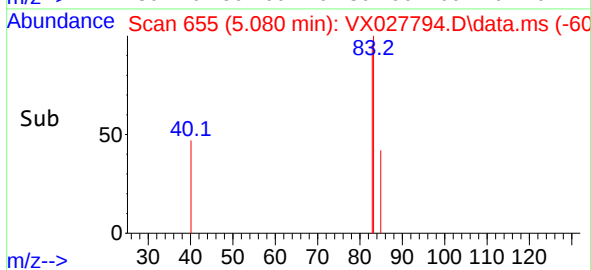
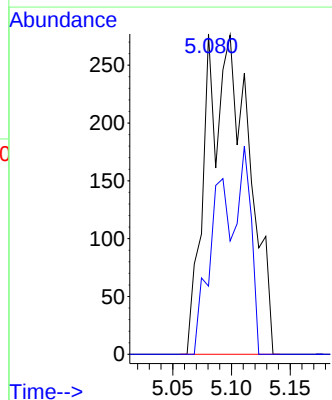
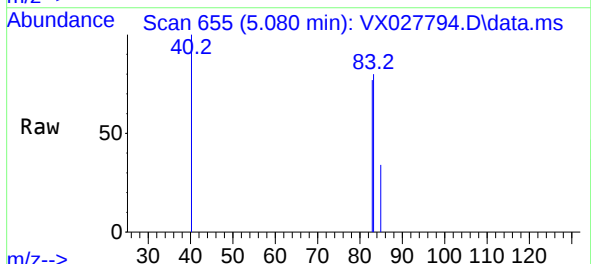
Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	283.8
98	65.4	0.0	129.8

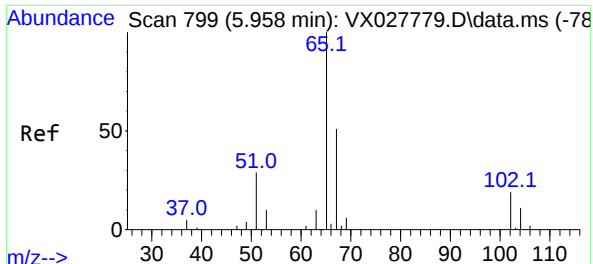


#30
Chloroform
Concen: 0.445 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.019 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion: 83 Resp: 698

Ion	Ratio	Lower	Upper
83	100		
85	21.3	52.7	79.1#

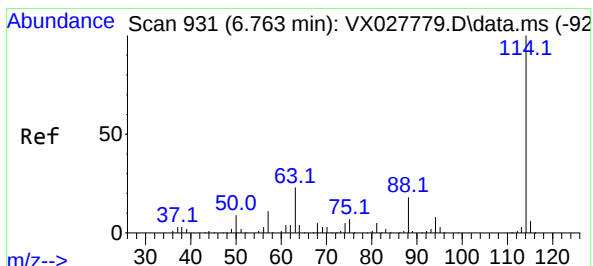
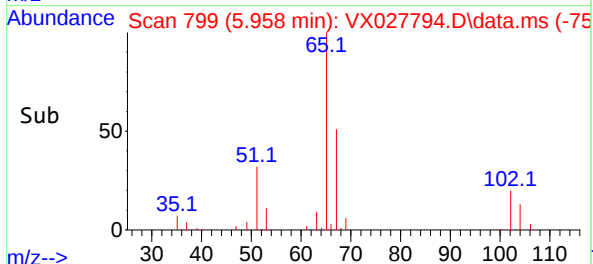
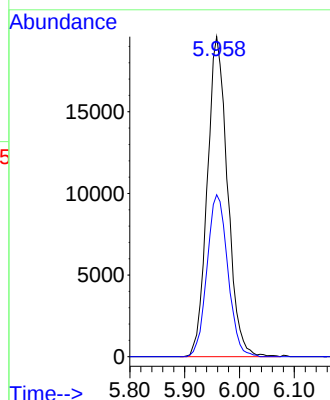
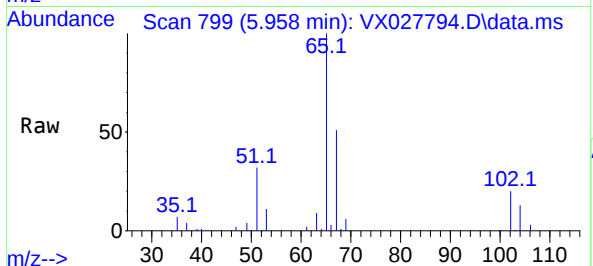




#33
 1,2-Dichloroethane-d4
 Concen: 49.057 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027794.D
 Acq: 29 Mar 2022 23:26

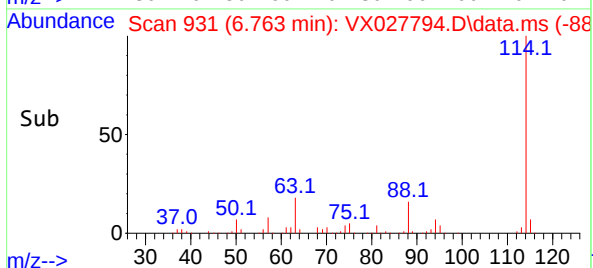
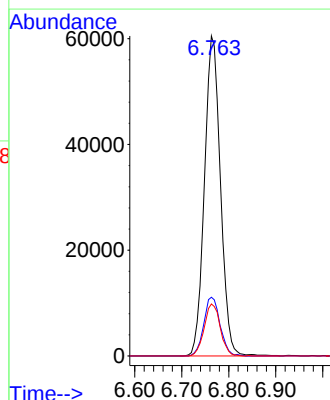
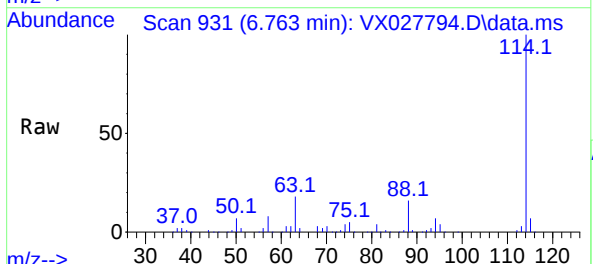
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20220317

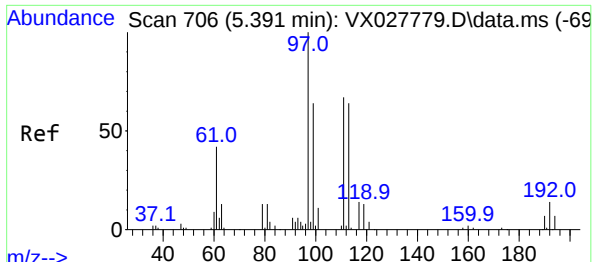
Tgt Ion: 65 Resp: 50193
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX027794.D
 Acq: 29 Mar 2022 23:26

Tgt Ion: 114 Resp: 143063
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 16.3 0.0 32.4



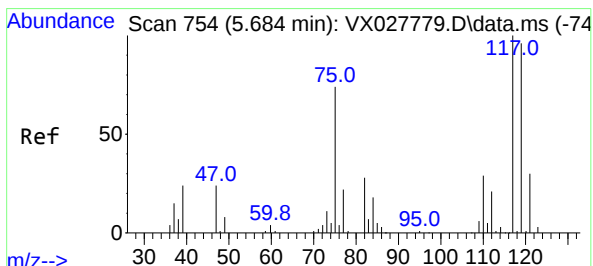
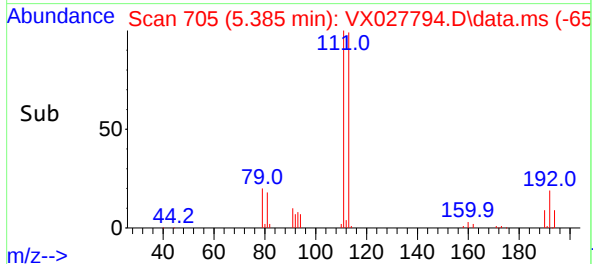
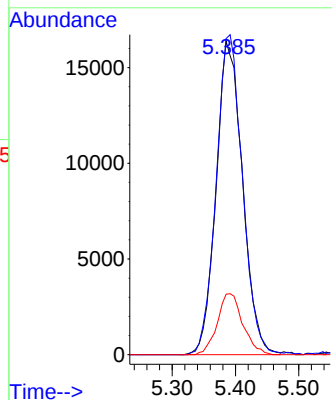
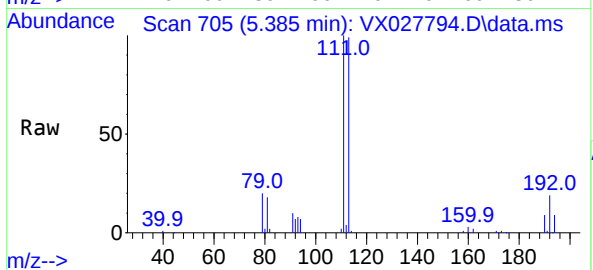


#35
Dibromofluoromethane
Concen: 51.330 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

Tgt Ion:113 Resp: 47400

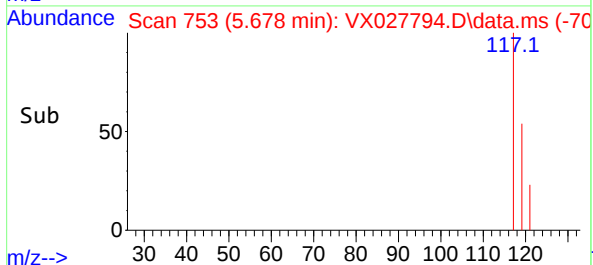
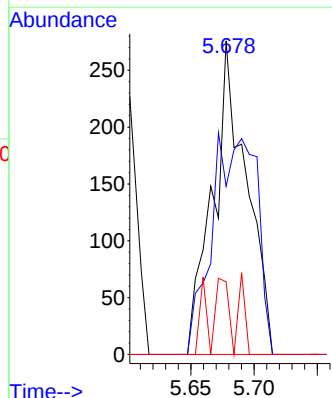
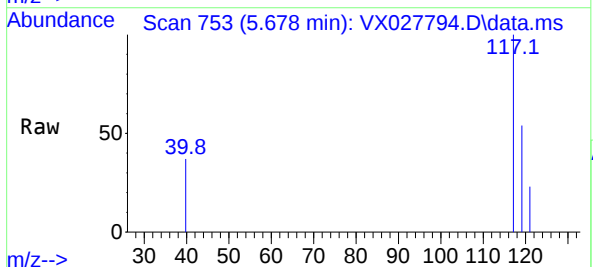
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	18.8	16.9	25.3

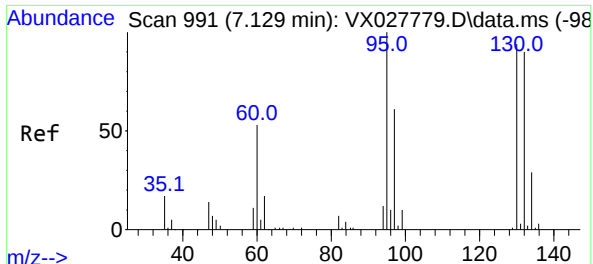


#38
Carbon Tetrachloride
Concen: 0.396 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion:117 Resp: 509

Ion	Ratio	Lower	Upper
117	100		
119	53.6	77.3	115.9#
121	23.2	24.2	36.2#

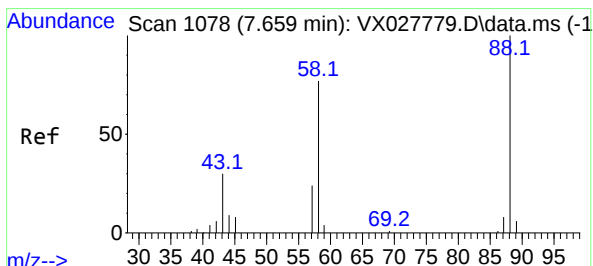
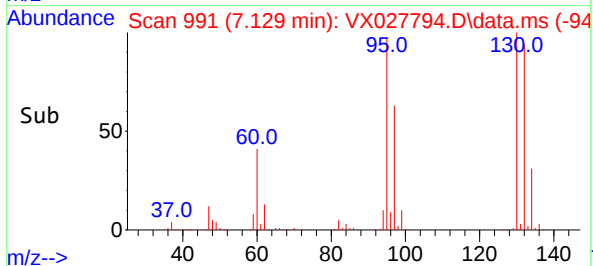
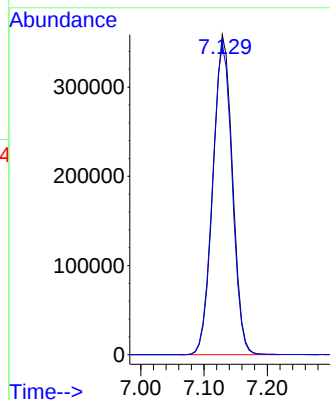
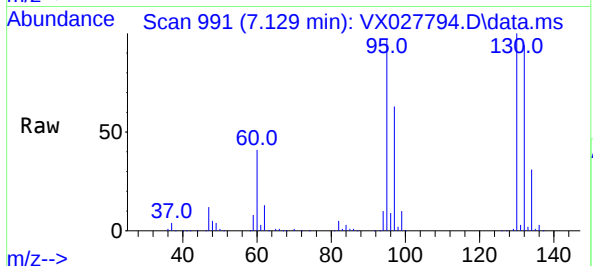




#44
Trichloroethene
Concen: 798.682 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

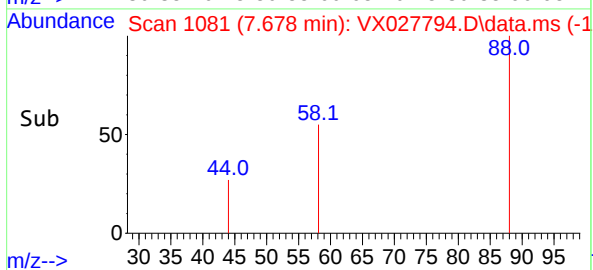
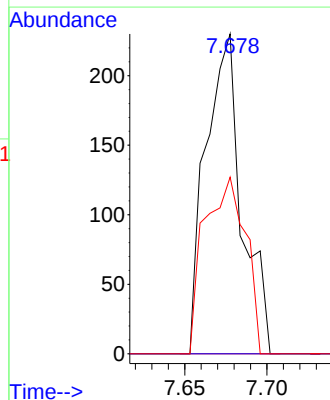
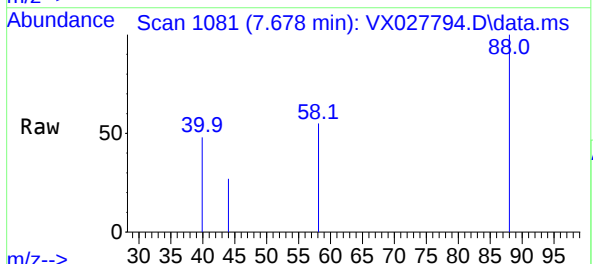
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MSVOA_X
ClientSampleId :
RW4-20220317

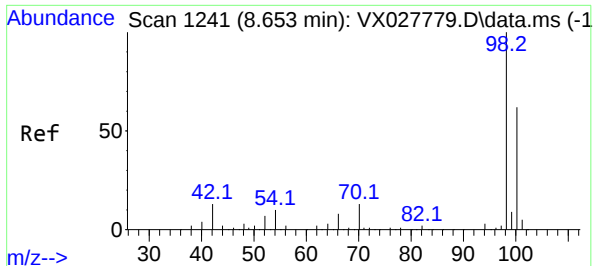
Tgt Ion:130 Resp: 765029
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.8



#49
1,4-Dioxane
Concen: 14.639 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.019 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion: 88 Resp: 350
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 62.9 53.7 80.5

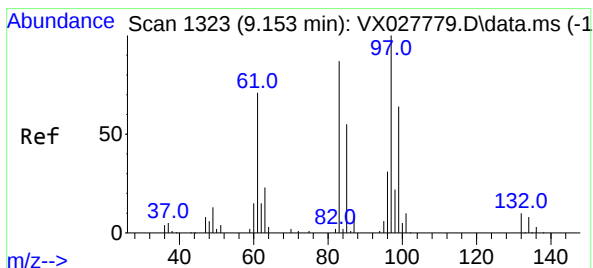
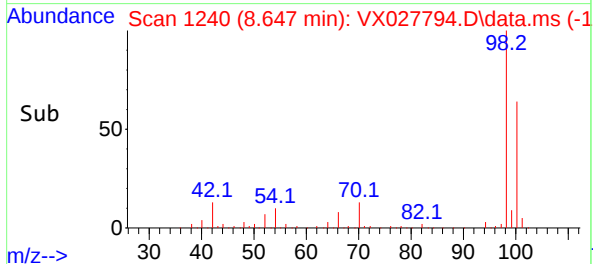
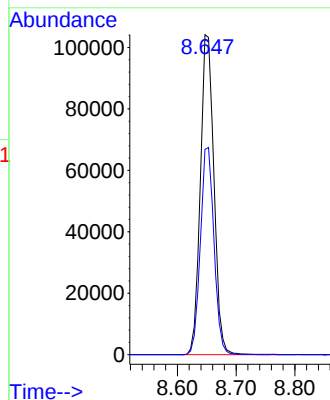
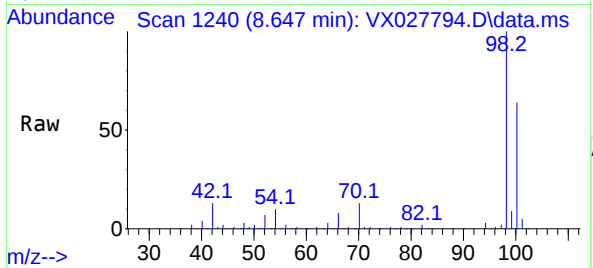




#50
Toluene-d8
Concen: 51.547 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

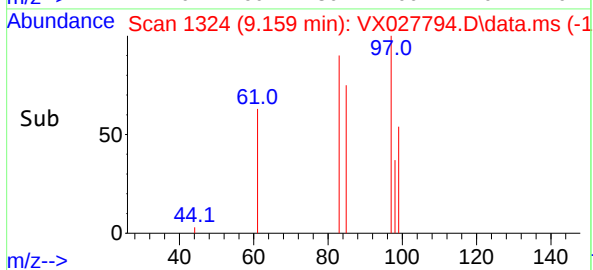
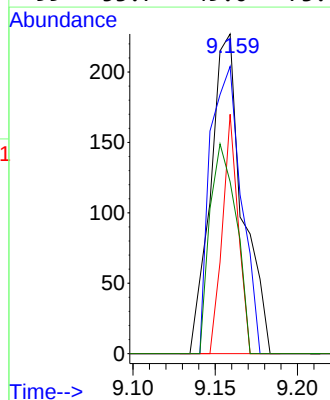
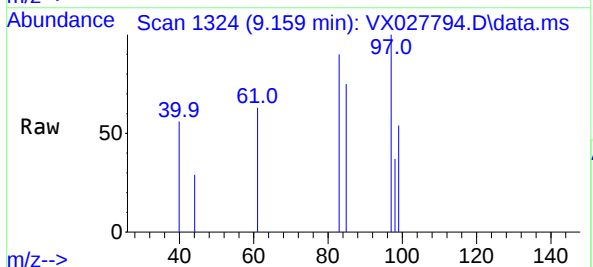
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

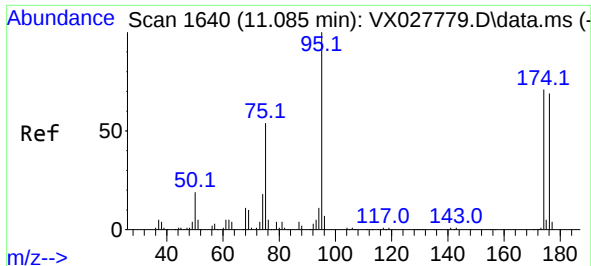
Tgt Ion: 98 Resp: 167480
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.311 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion: 97 Resp: 306
Ion Ratio Lower Upper
97 100
83 89.9 66.2 99.4
85 74.9 42.9 64.3#
99 53.7 49.0 73.6

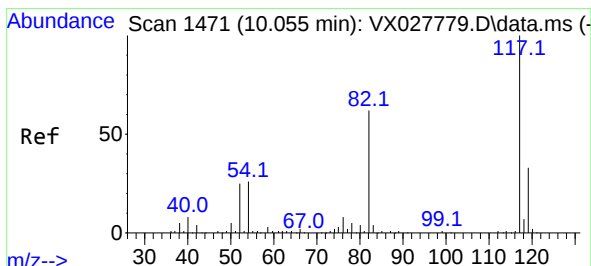
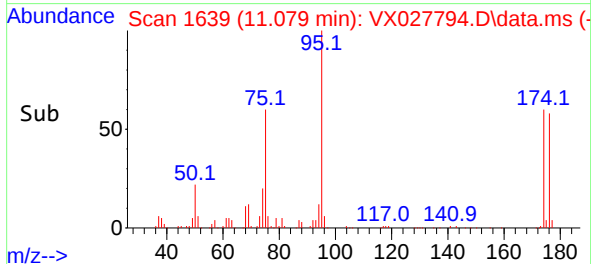
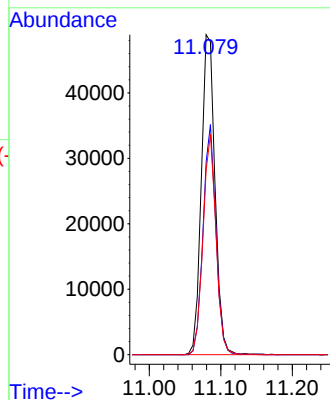
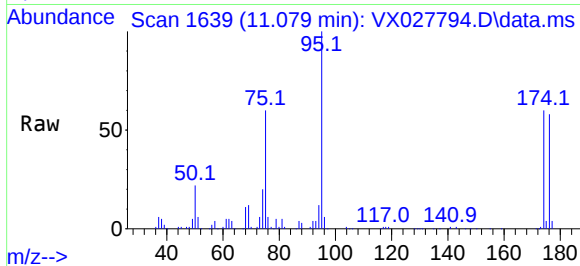




#62
4-Bromofluorobenzene
Concen: 47.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

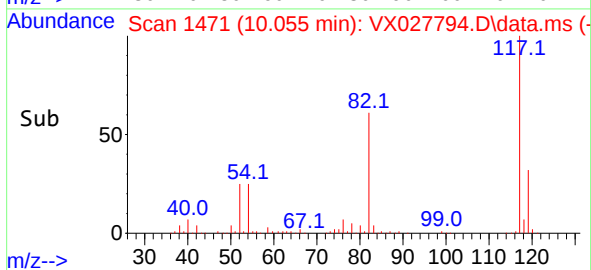
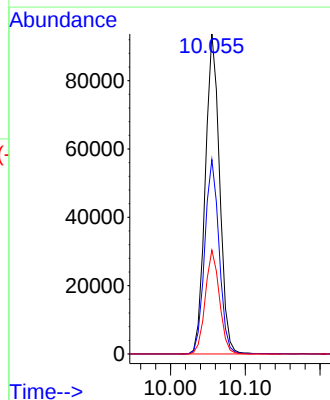
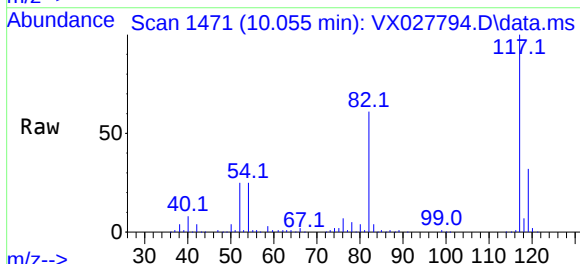
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

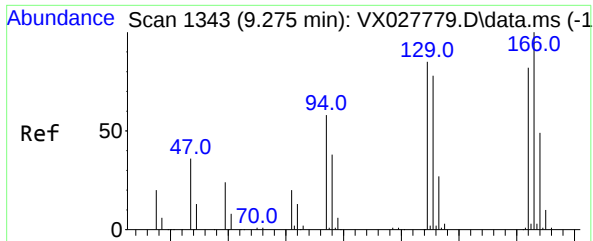
Tgt Ion: 95 Resp: 64898
Ion Ratio Lower Upper
95 100
174 67.6 0.0 163.0
176 65.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion: 117 Resp: 124378
Ion Ratio Lower Upper
117 100
82 60.8 41.8 62.8
119 32.5 24.8 37.2



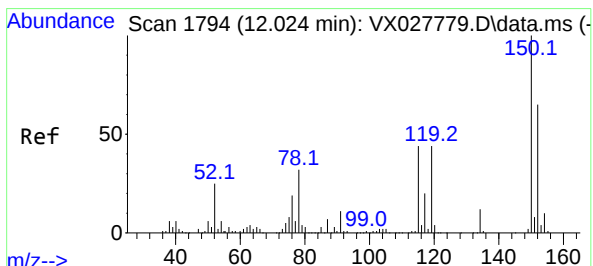
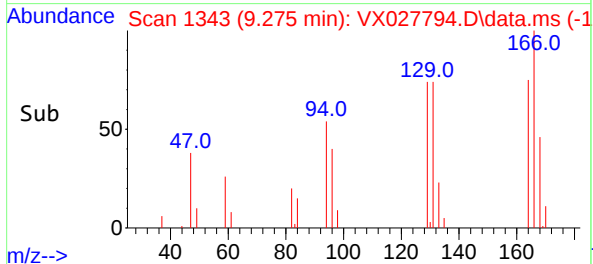
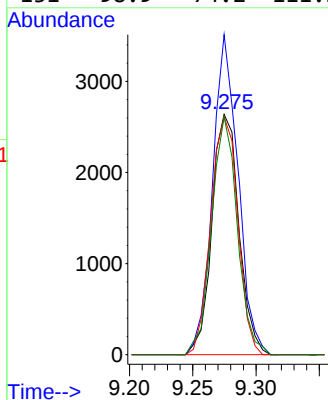
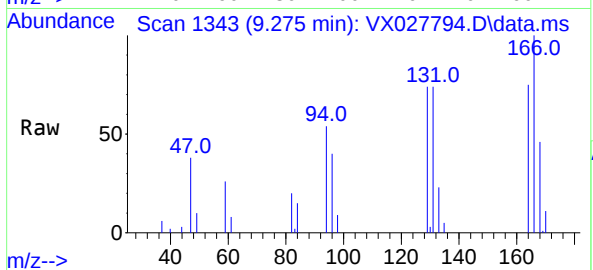


#64
Tetrachloroethene
Concen: 4.642 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027794.D
Acq: 29 Mar 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
RW4-20220317

Tgt Ion:164 Resp: 3915

Ion	Ratio	Lower	Upper
164	100		
166	133.1	101.2	151.8
129	98.9	73.0	109.4
131	98.9	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: VX027794.D
Acq: 29 Mar 2022 23:26

Tgt Ion:152 Resp: 52533

Ion	Ratio	Lower	Upper
152	100		
115	67.9	37.5	112.7
150	162.6	0.0	338.2

