

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032436.D
 Acq On : 27 Oct 2022 18:13
 Operator : JC/MD
 Sample : N5329-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BNM-1

Quant Time: Oct 28 07:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

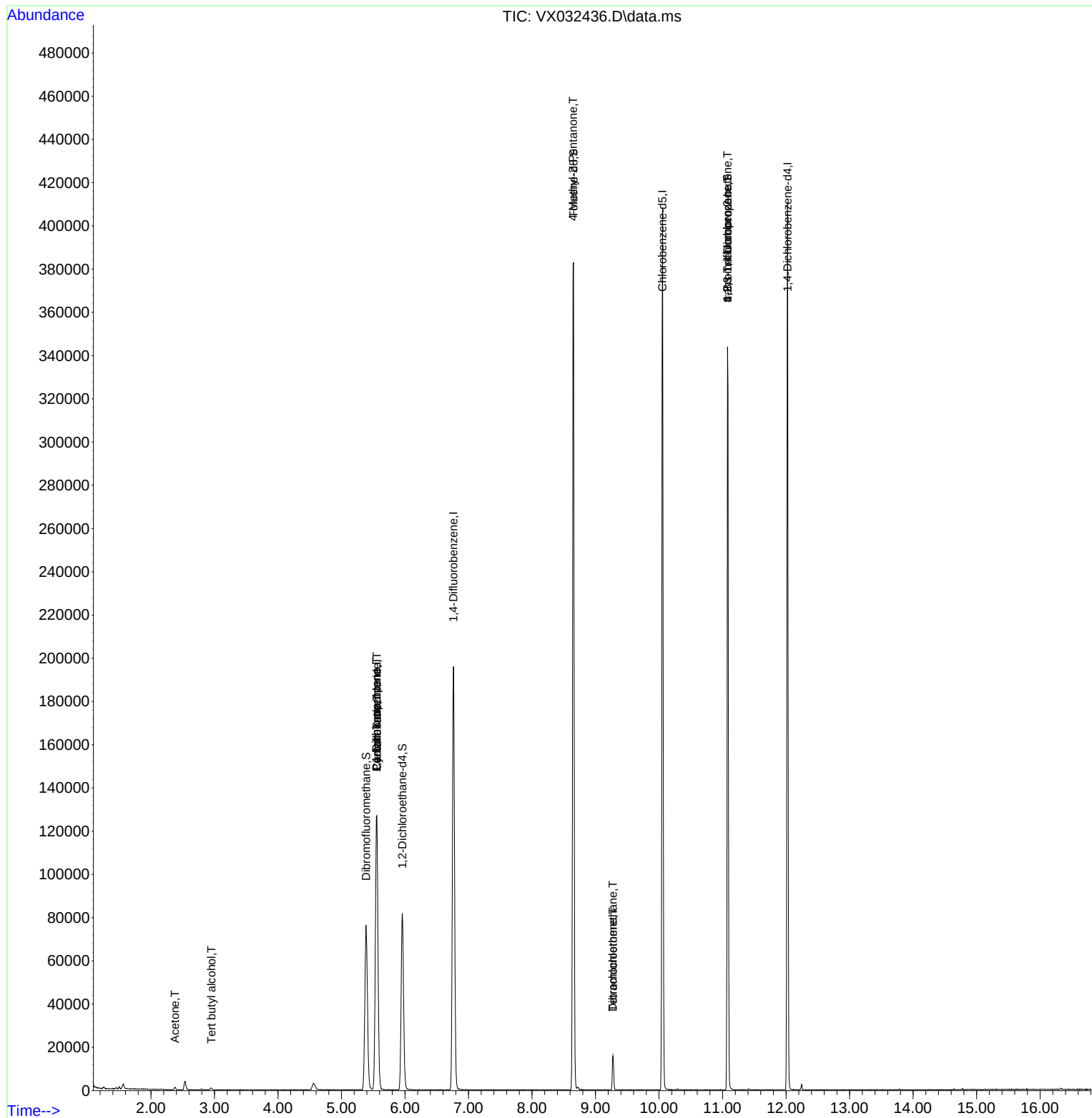
Internal Standards						
1) Pentafluorobenzene	5.556	168	119562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81052	48.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.385	113	64045	45.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	8.653	98	234293	47.538	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	87118	45.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	660	2.730	ug/l #	72
16) Acetone	2.380	43	1418	2.348	ug/l #	85
31) Cyclohexane	5.556	56	2830	1.405	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	9518	4.822	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12667	5.786	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1063	0.535	ug/l #	1
60) Dibromochloromethane	9.275	129	3172	1.892	ug/l #	11
64) Tetrachloroethene	9.275	164	3151	2.459	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	47233	26.157	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47233	83.233	ug/l #	6

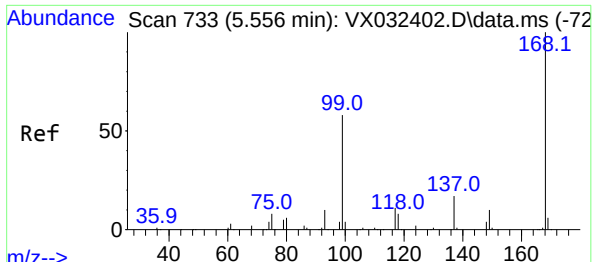
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
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MSVOA_X
ClientSampleId :
BNM-1

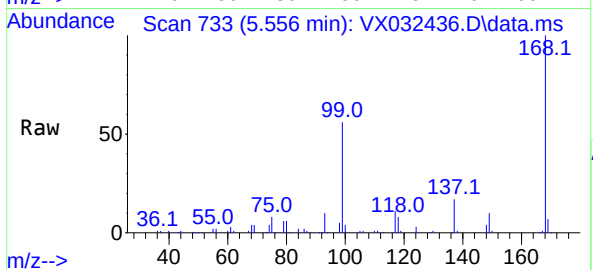
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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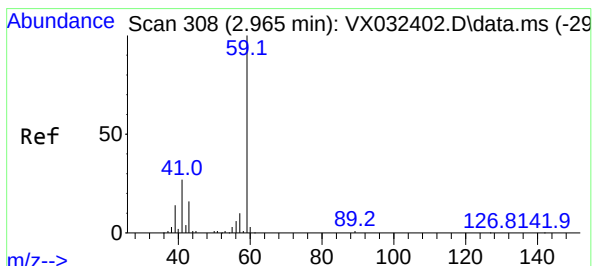
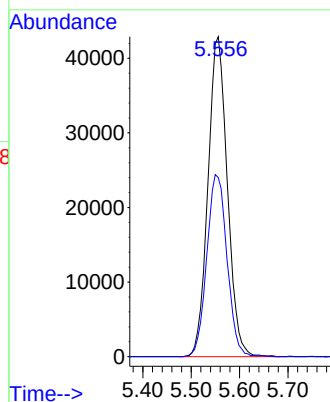
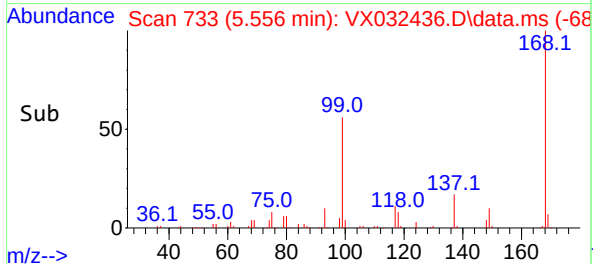


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
BNM-1

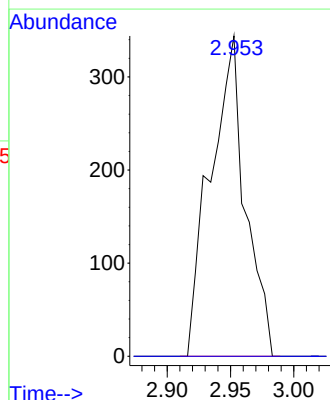
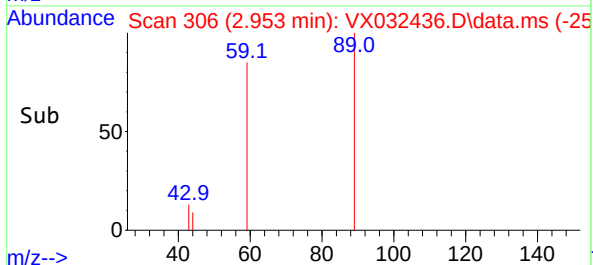
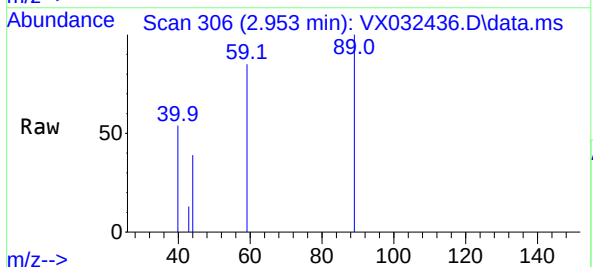


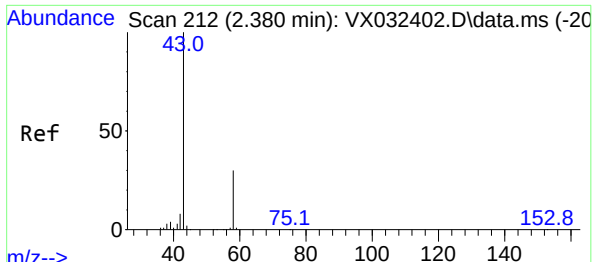
Tgt Ion:168 Resp: 119562
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.730 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

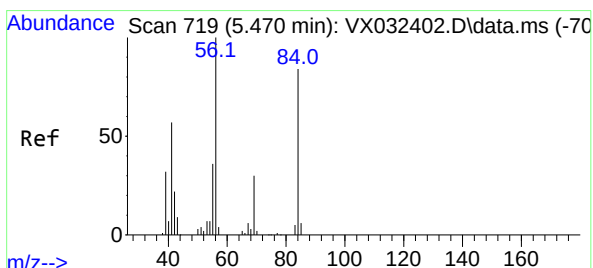
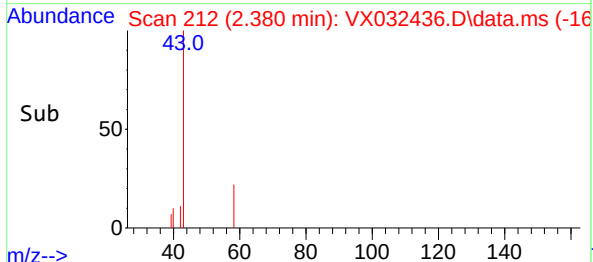
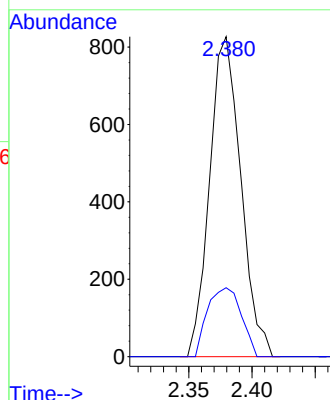
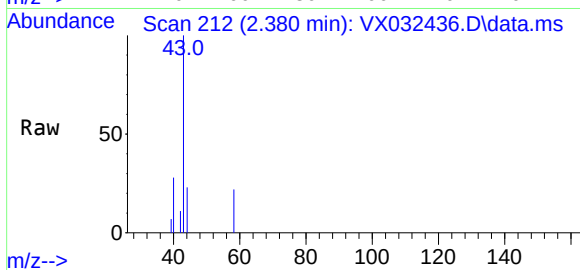




#16
Acetone
Concen: 2.348 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

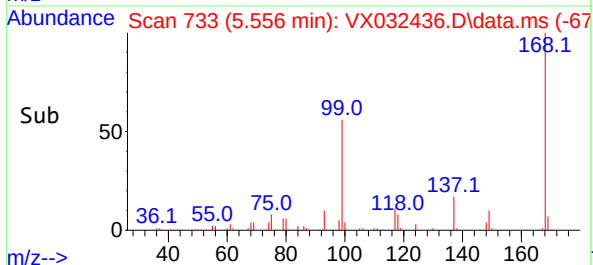
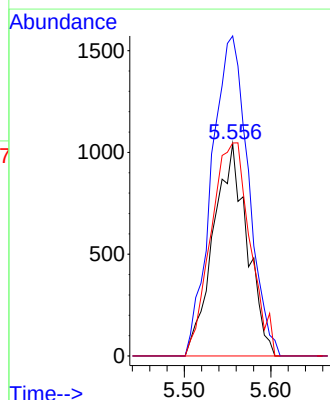
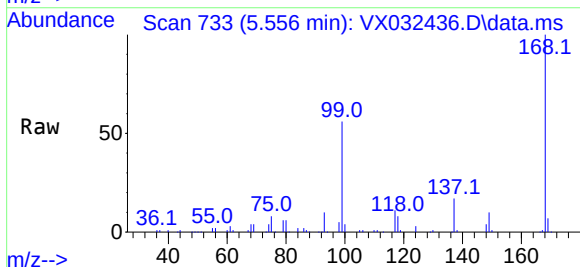
Instrument : MSVOA_X
ClientSampleId : BNM-1

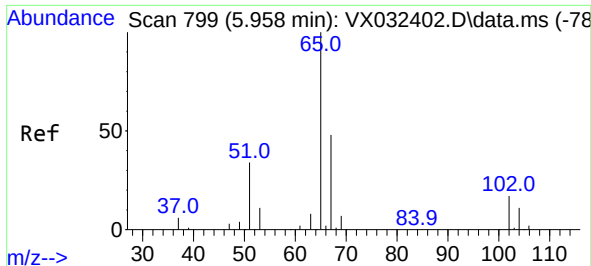
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 21.5 23.8 35.8#



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 56 Resp: 2830
Ion Ratio Lower Upper
56 100
69 150.9 24.1 36.1#
84 100.4 66.9 100.3#

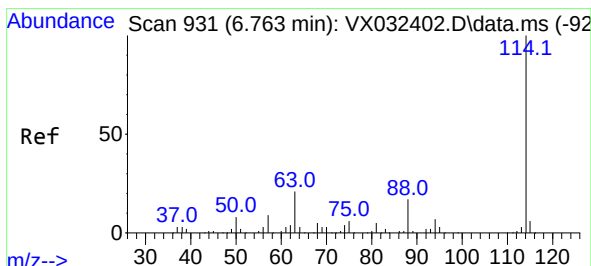
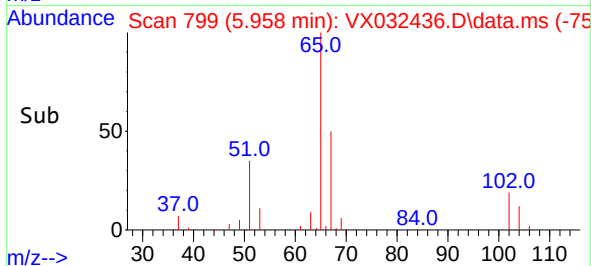
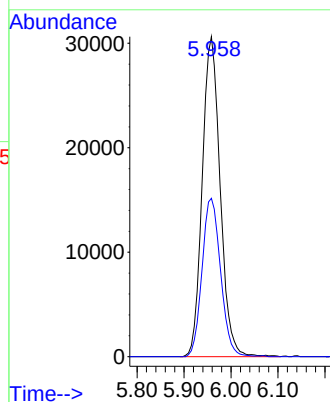
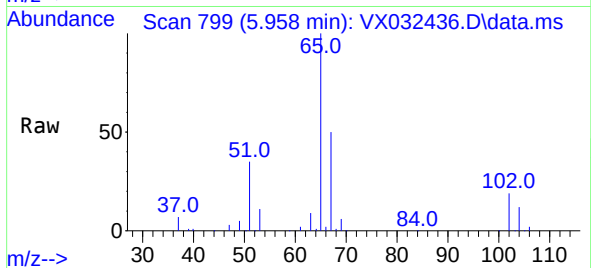




#33
 1,2-Dichloroethane-d4
 Concen: 48.789 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032436.D
 Acq: 27 Oct 2022 18:13

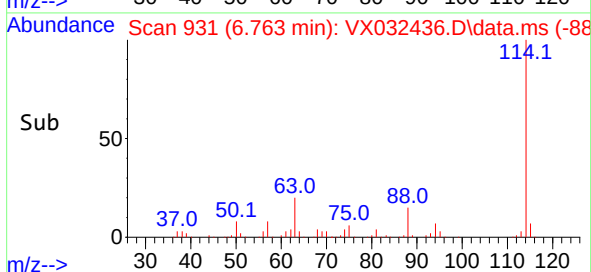
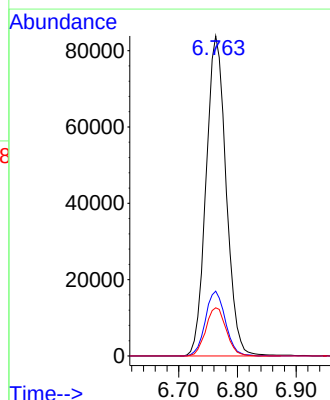
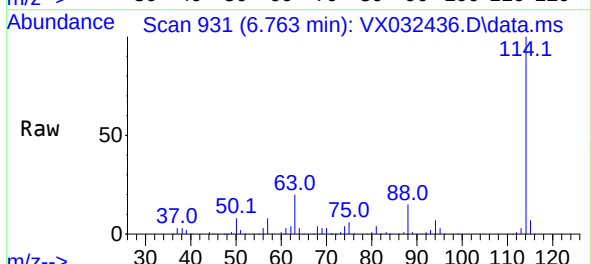
Instrument :
 MSVOA_X
 ClientSampleId :
 BNM-1

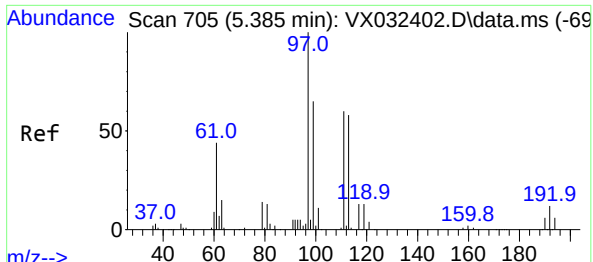
Tgt Ion: 65 Resp: 81052
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032436.D
 Acq: 27 Oct 2022 18:13

Tgt Ion: 114 Resp: 198704
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 15.1 0.0 33.4

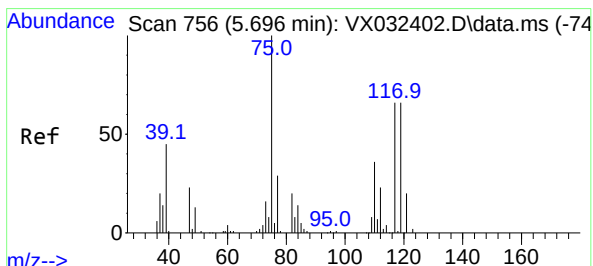
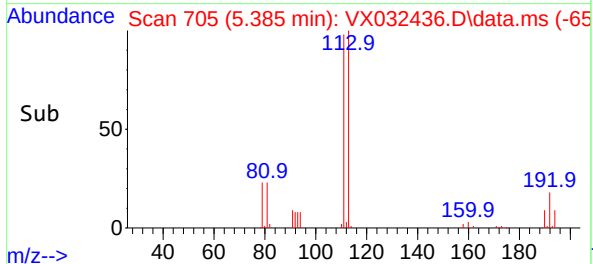
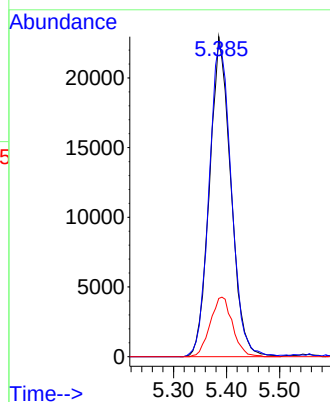
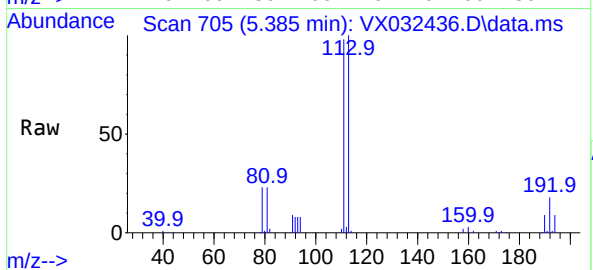




#35
Dibromofluoromethane
Concen: 45.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

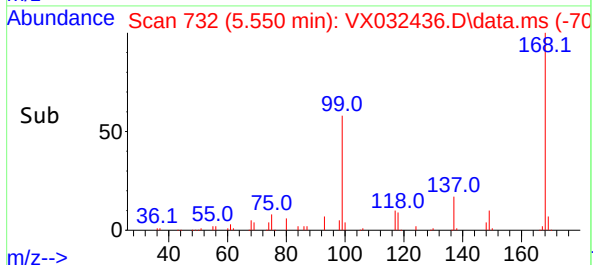
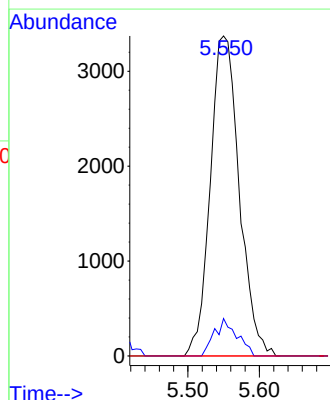
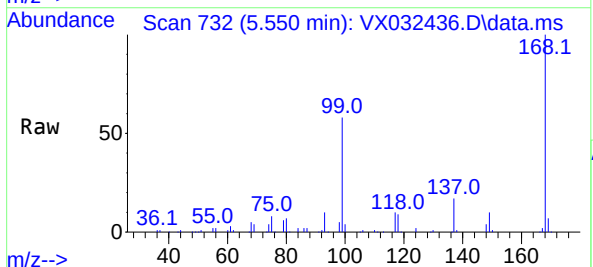
Instrument :
MSVOA_X
ClientSampleId :
BNM-1

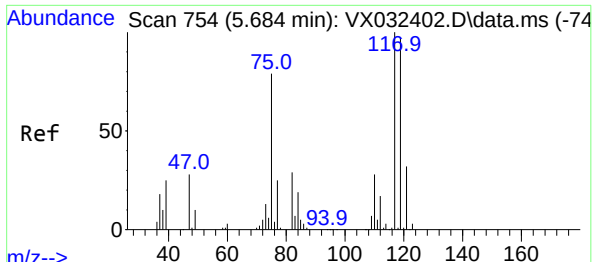
Tgt Ion:113 Resp: 64045
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

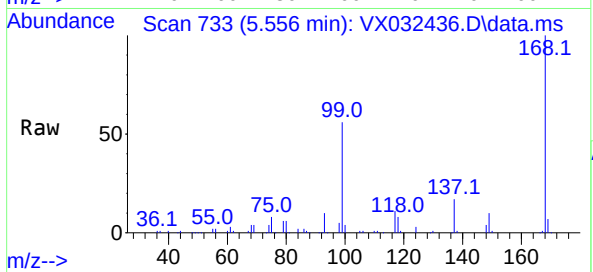
Tgt Ion: 75 Resp: 9518
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



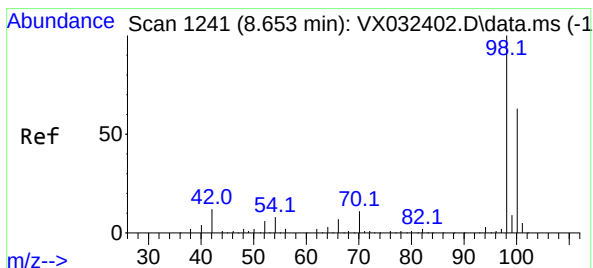
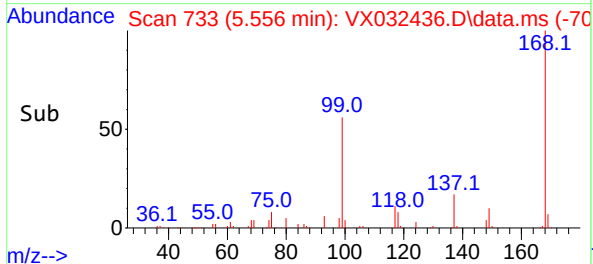
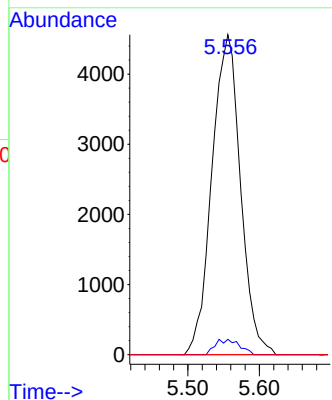


#38
Carbon Tetrachloride
Concen: 5.786 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
BNM-1

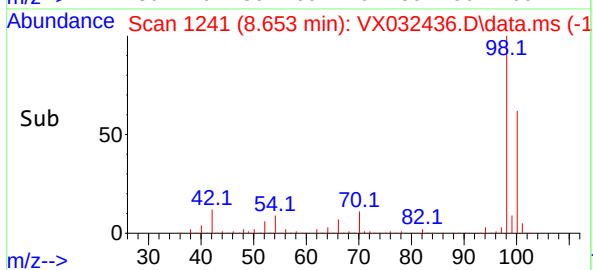
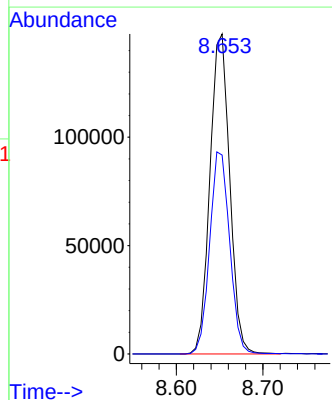
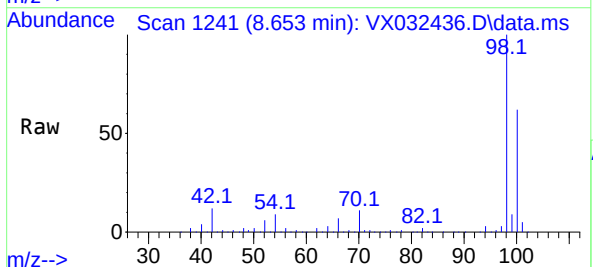


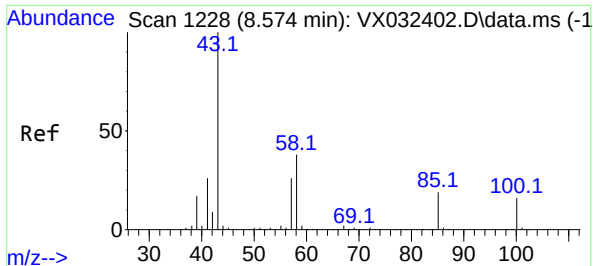
Tgt Ion:117 Resp: 12667
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 98 Resp: 234293
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

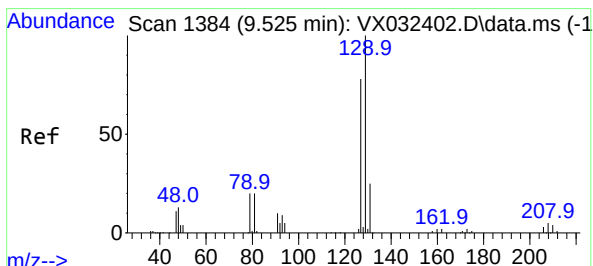
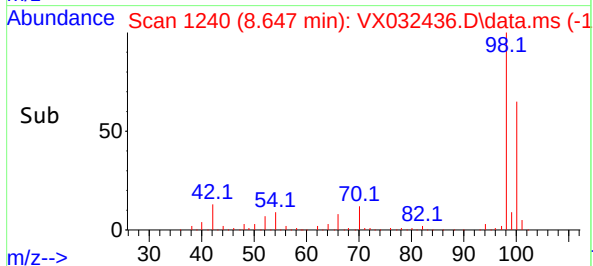
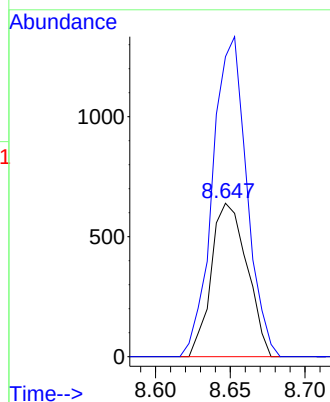
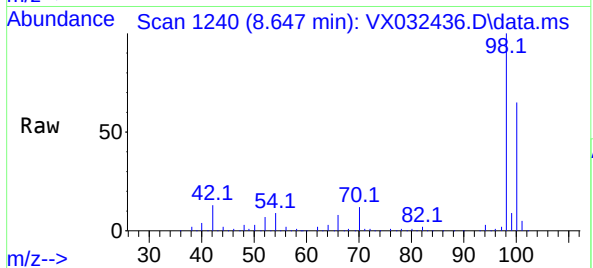




#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

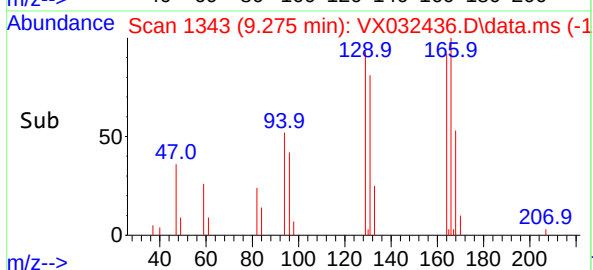
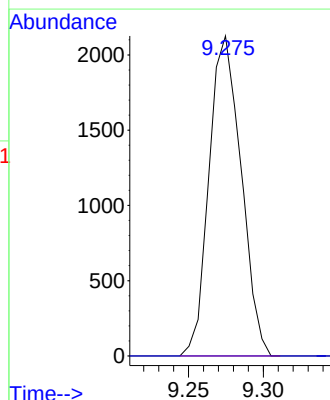
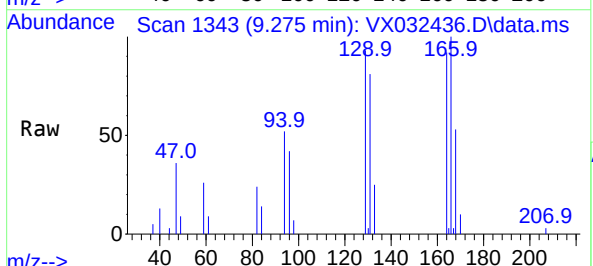
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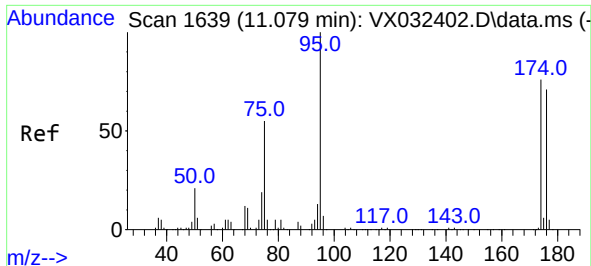
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
58 199.0 30.9 46.3#



#60
Dibromochloromethane
Concen: 1.892 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 129 Resp: 3172
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

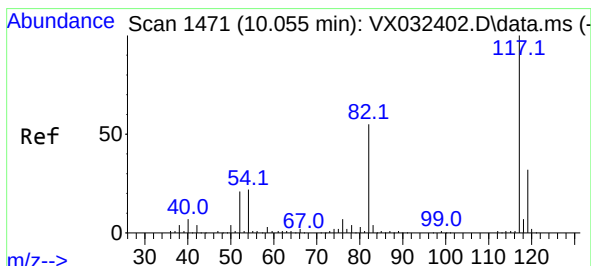
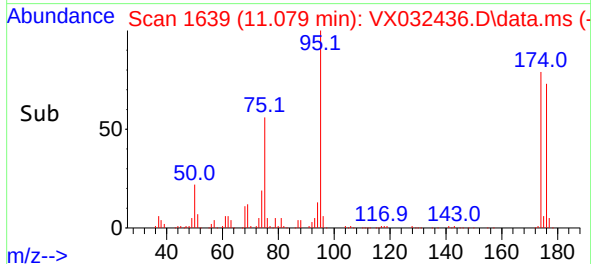
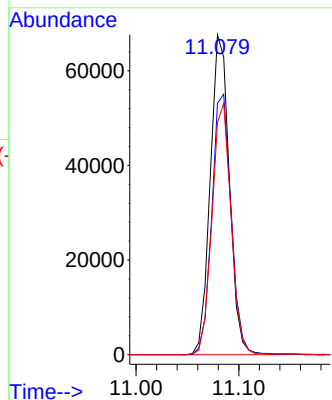
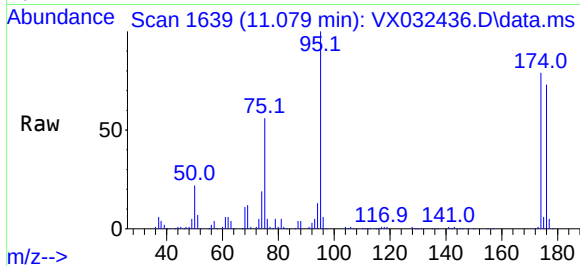




#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

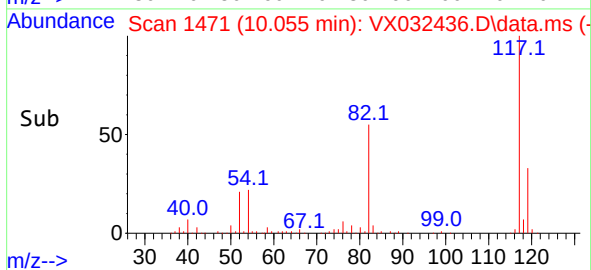
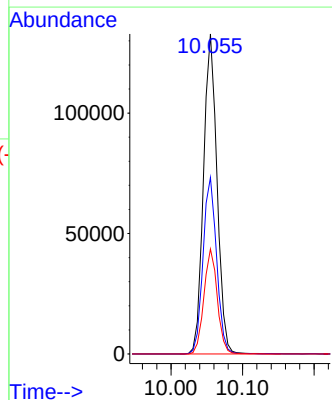
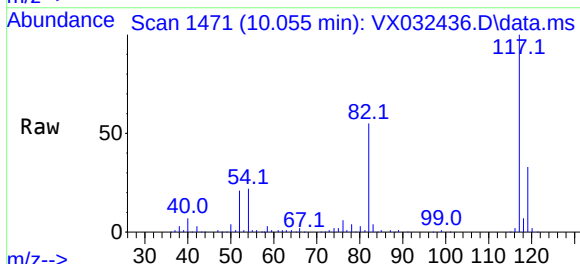
Instrument :
MSVOA_X
ClientSampleId :
BNM-1

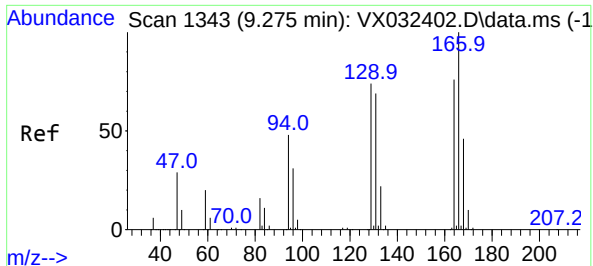
Tgt Ion: 95 Resp: 87118
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 117 Resp: 175092
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.8 25.7 38.5



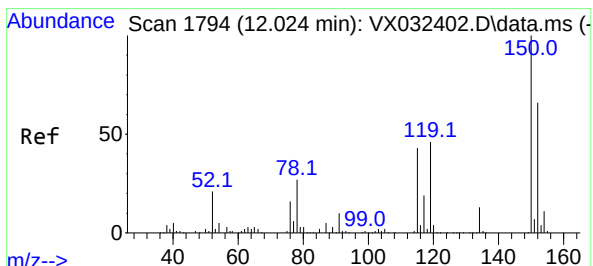
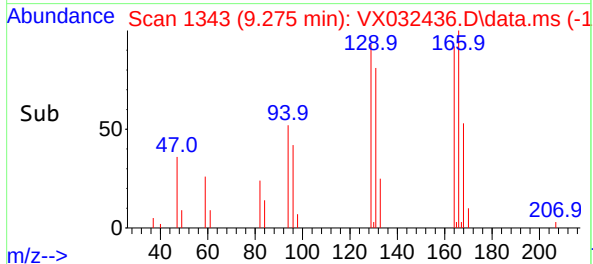
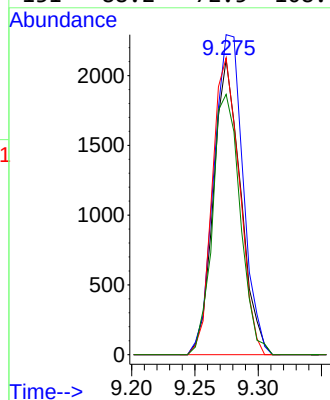
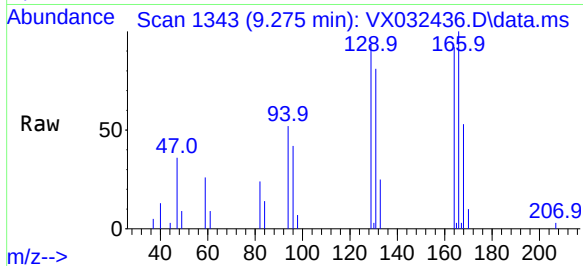


#64
Tetrachloroethene
Concen: 2.459 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
BNM-1

Tgt Ion:164 Resp: 3151

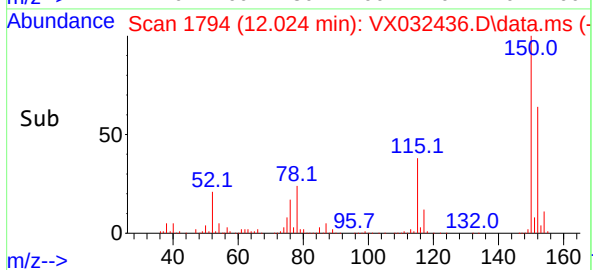
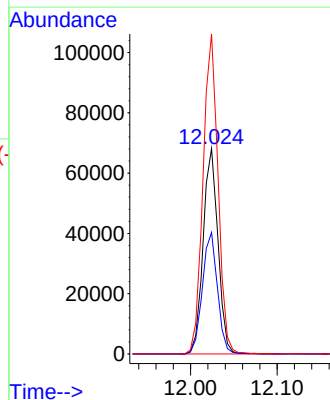
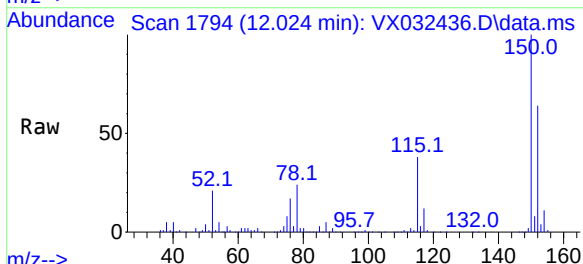
Ion	Ratio	Lower	Upper
164	100		
166	108.5	105.4	158.2
129	100.6	78.2	117.2
131	88.2	72.5	108.7

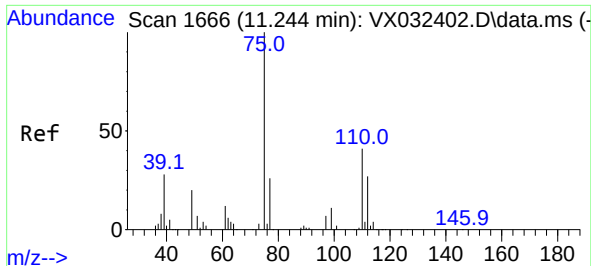


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion:152 Resp: 81165

Ion	Ratio	Lower	Upper
152	100		
115	60.0	44.0	132.0
150	157.3	0.0	351.8

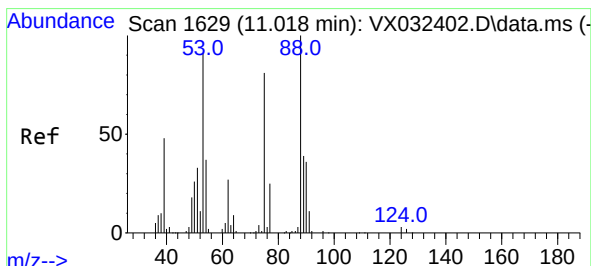
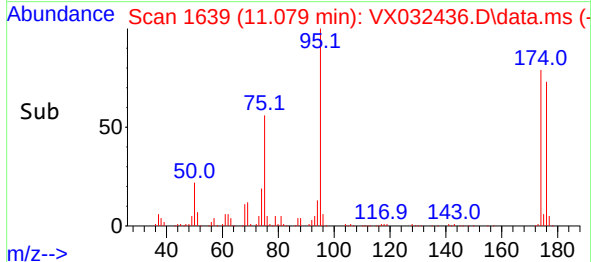
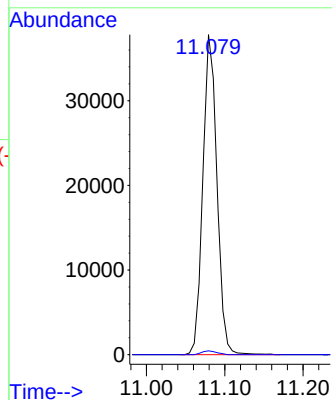
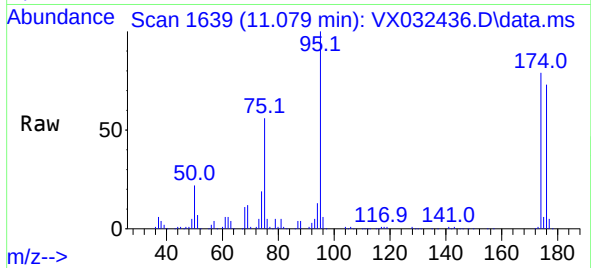




#76
1,2,3-Trichloropropane
Concen: 26.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
BNM-1

Tgt Ion: 75 Resp: 47233
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032436.D
Acq: 27 Oct 2022 18:13

Tgt Ion: 75 Resp: 47233
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

