

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032734.D
 Acq On : 10 Nov 2022 17:27
 Operator : JC/MD
 Sample : N5558-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20221109

Quant Time: Nov 11 00:37:45 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)

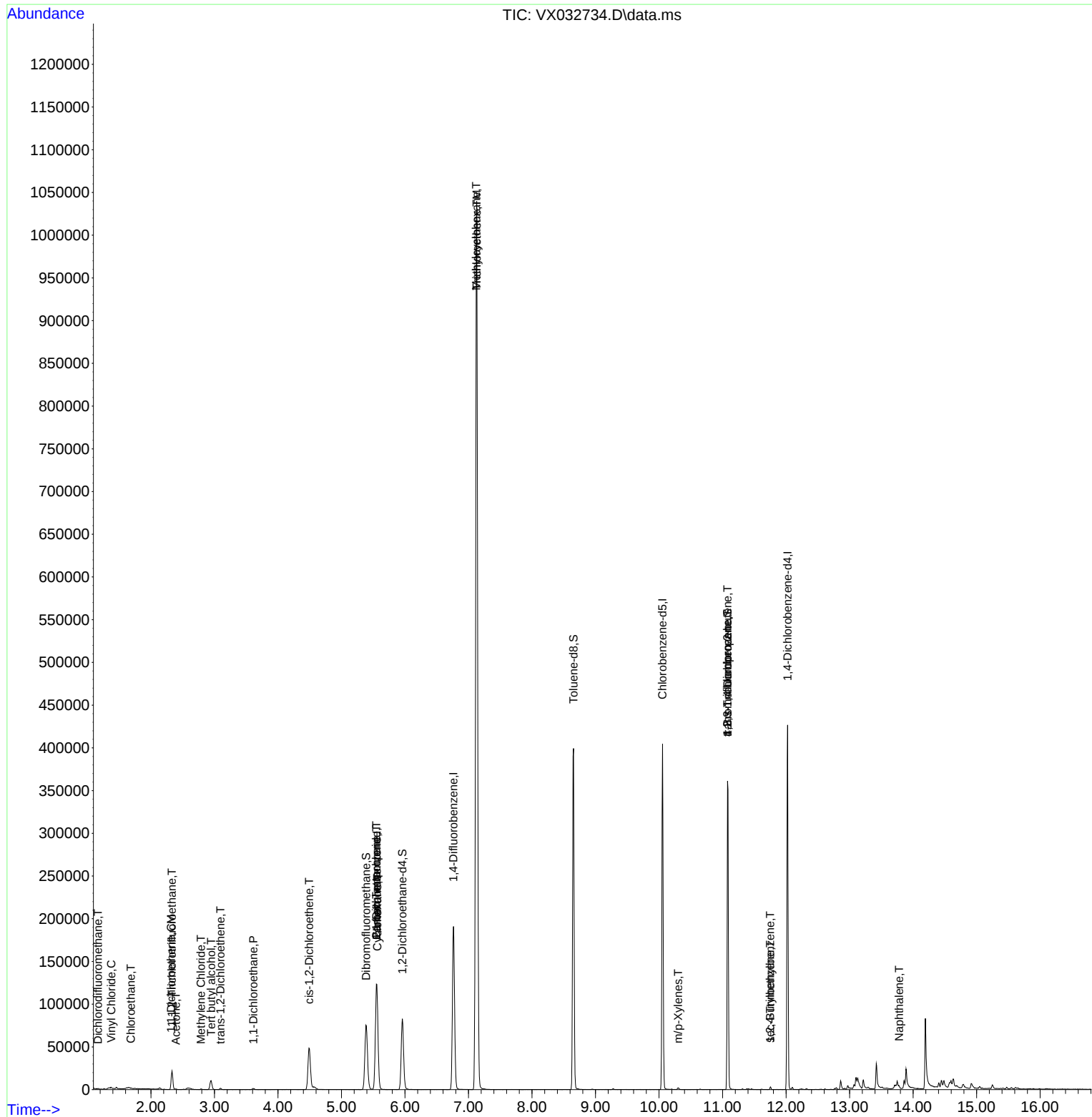
Internal Standards						
1) Pentafluorobenzene	5.556	168	116673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82608	50.957	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.920%	
35) Dibromofluoromethane	5.385	113	63805	46.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.560%	
50) Toluene-d8	8.653	98	238710	49.799	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.079	95	92758	49.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	502	0.373	ug/l	91
4) Vinyl Chloride	1.374	62	575	0.459	ug/l #	4
6) Chloroethane	1.685	64	181	0.215	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	7459	5.955	ug/l	98
11) Tert butyl alcohol	2.947	59	6248	26.480	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	904	0.773	ug/l	94
16) Acetone	2.392	43	1056	1.792	ug/l #	88
20) Methylene Chloride	2.788	84	331	0.245	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	564	0.443	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1646	0.709	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	31279	21.247	ug/l	91
31) Cyclohexane	5.562	56	2557	1.301	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	9444	4.920	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12455	5.850	ug/l #	14
39) Methylcyclohexane	7.123	83	4569	2.012	ug/l #	1
44) Trichloroethene	7.129	130	386594	252.800	ug/l	98
68) m/p-Xylenes	10.299	106	574	0.211	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	50649	26.364	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50649	83.892	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	1655	0.285	ug/l	98
85) sec-Butylbenzene	11.750	105	1655	0.236	ug/l #	57
95) Naphthalene	13.780	128	1657	0.244	ug/l #	95

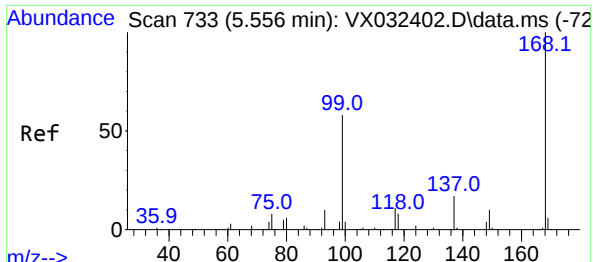
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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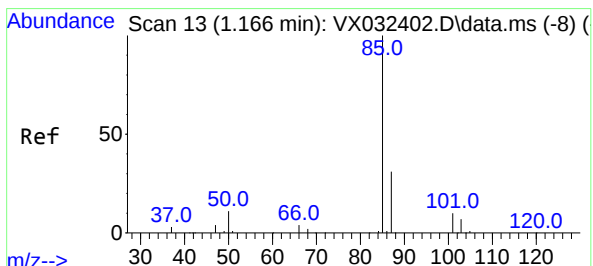
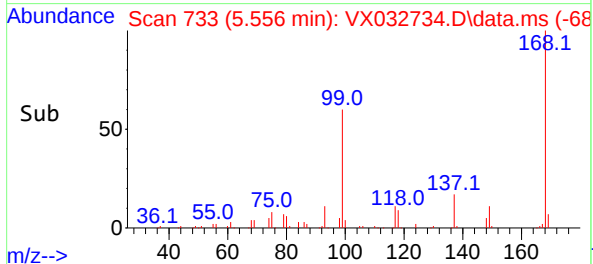
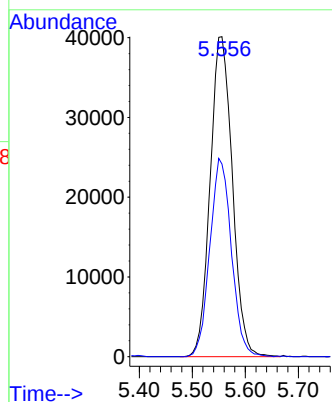
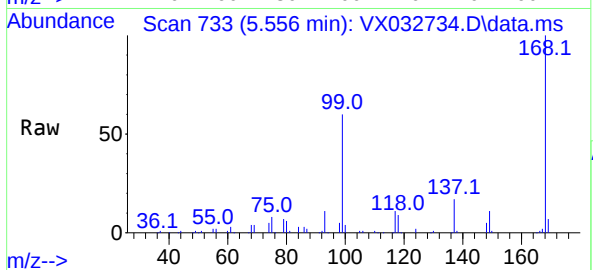




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

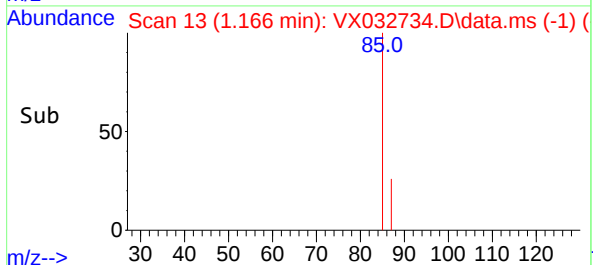
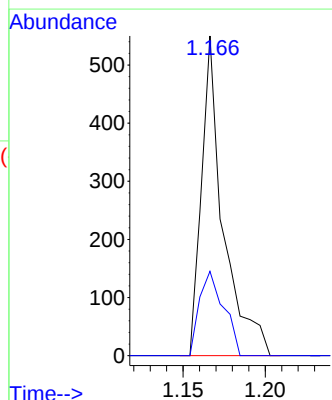
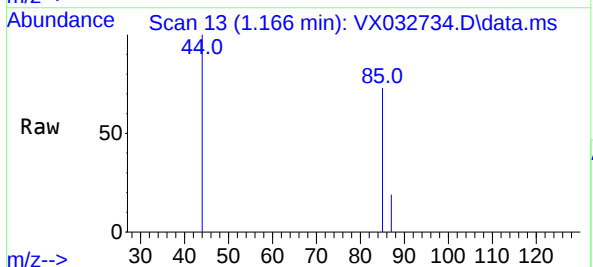
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

Tgt Ion:168 Resp: 116673
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1

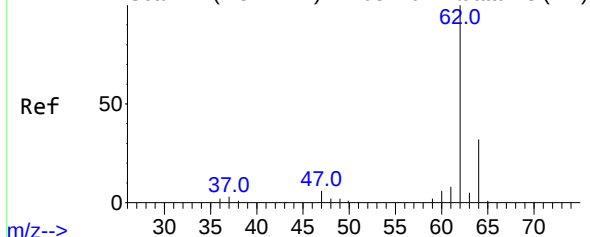


#2
Dichlorodifluoromethane
Concen: 0.373 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 85 Resp: 502
Ion Ratio Lower Upper
85 100
87 26.4 15.6 46.7



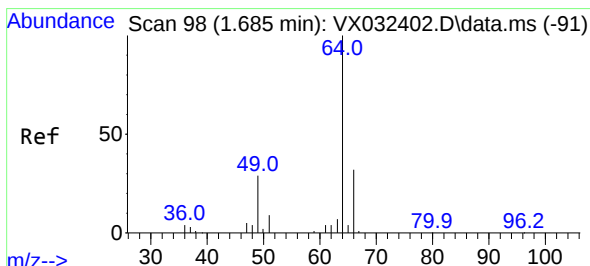
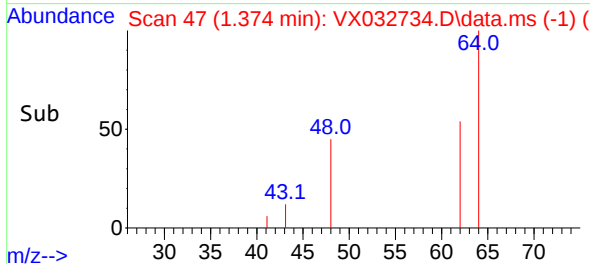
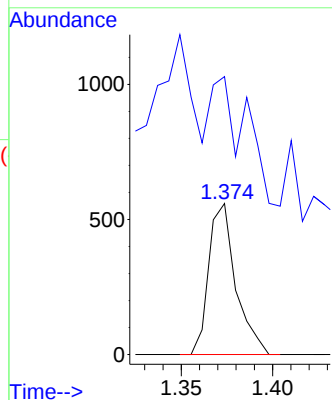
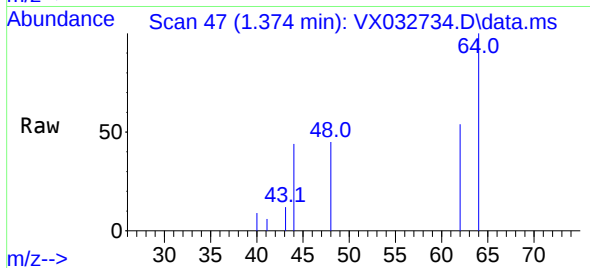
Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 0.459 ug/l
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

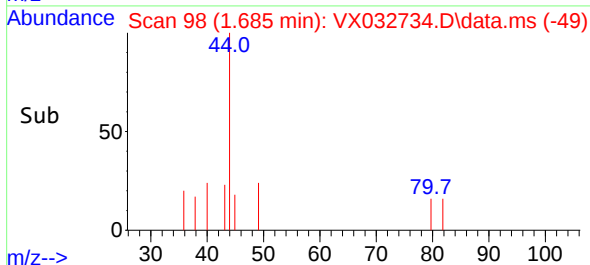
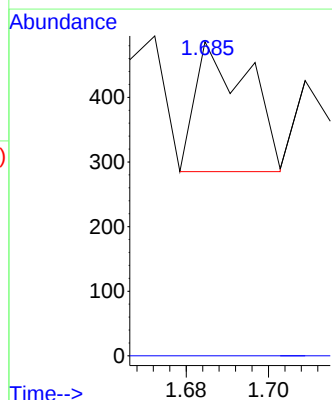
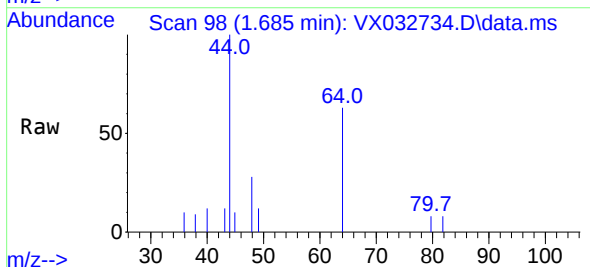
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

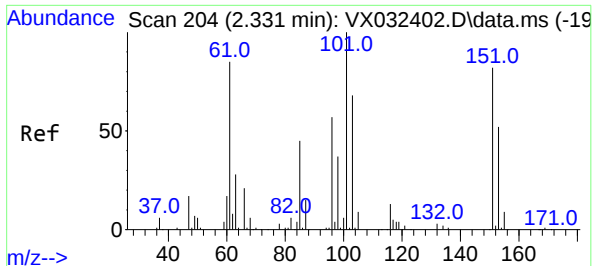
Tgt Ion: 62 Resp: 575
Ion Ratio Lower Upper
62 100
64 85.9 25.8 38.6#



#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

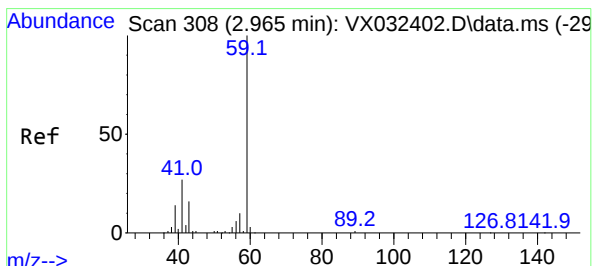
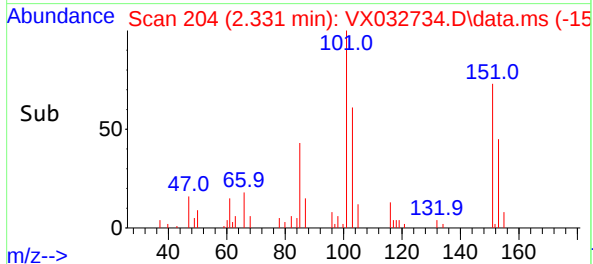
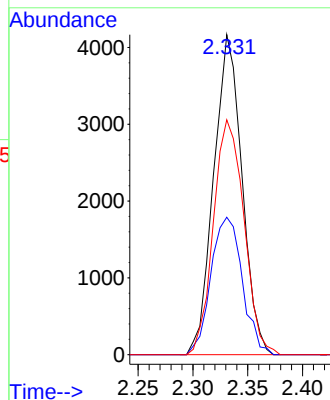
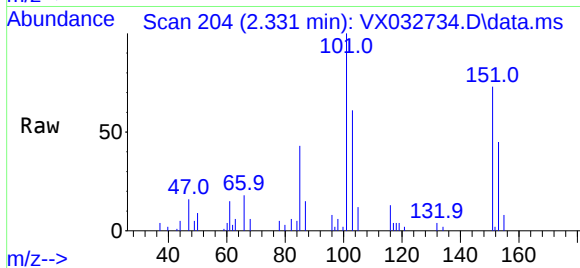




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.955 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

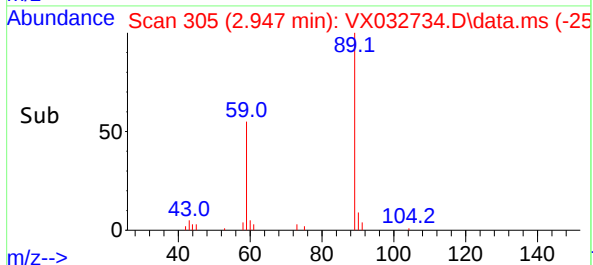
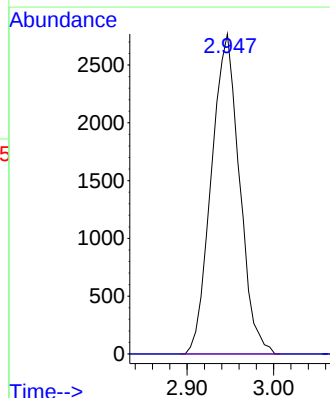
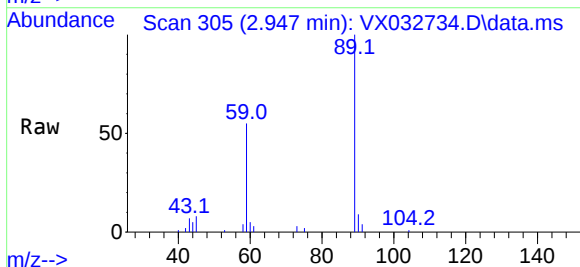
Instrument :
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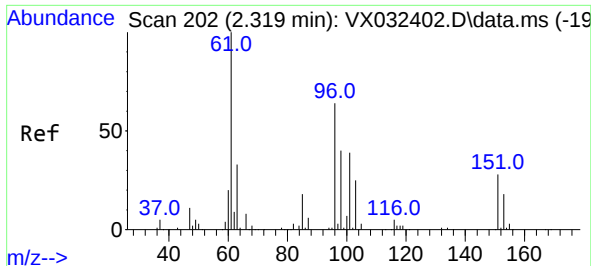
Tgt Ion:101 Resp: 7459
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.4
151 79.5 64.4 96.6



#11
Tert butyl alcohol
Concen: 26.480 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 59 Resp: 6248
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

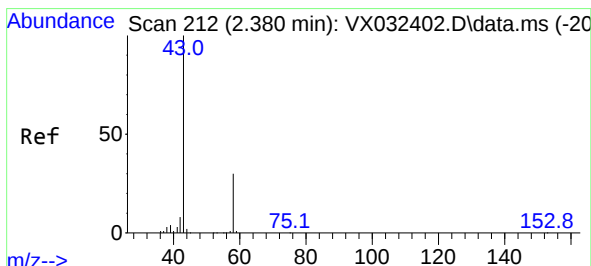
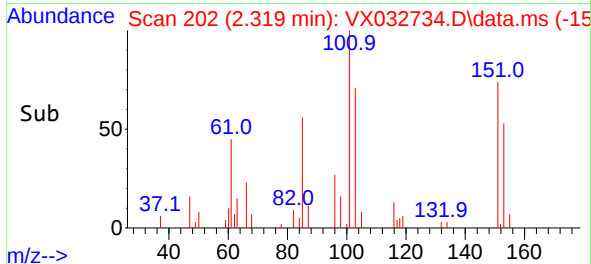
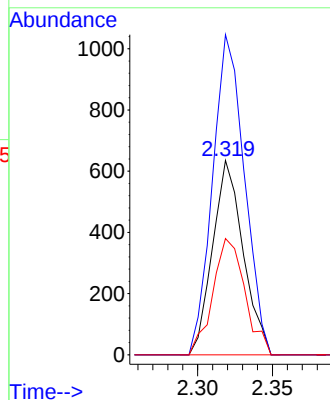
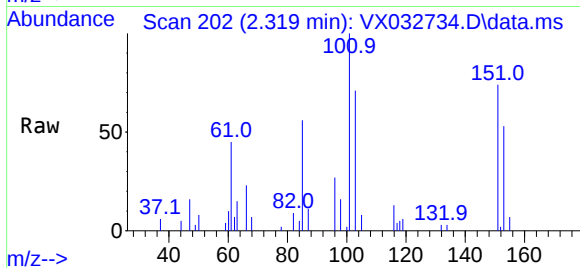




#12
1,1-Dichloroethene
Concen: 0.773 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

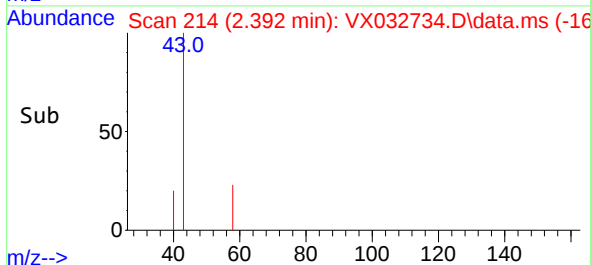
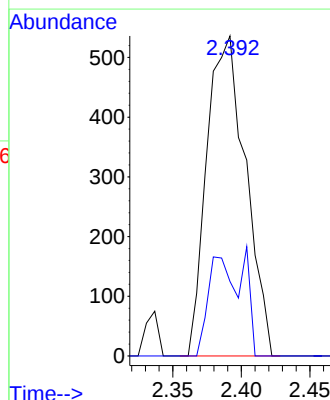
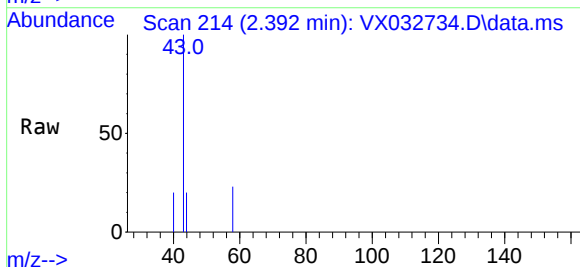
Instrument :
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ClientSampleId :
08BR-20221109

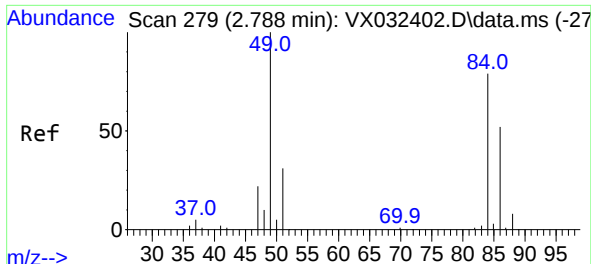
Tgt Ion: 96 Resp: 904
Ion Ratio Lower Upper
96 100
61 164.7 125.1 187.7
98 59.8 50.6 76.0



#16
Acetone
Concen: 1.792 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

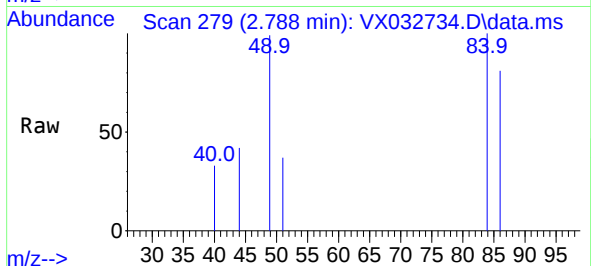
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 23.3 23.8 35.8#





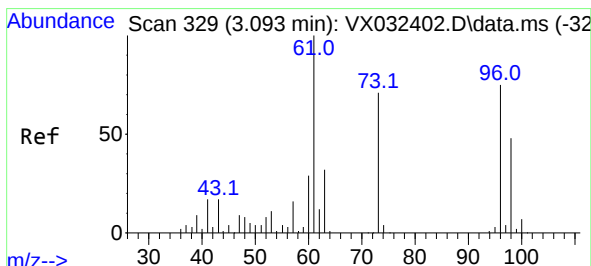
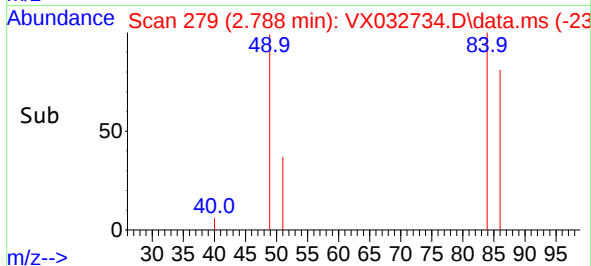
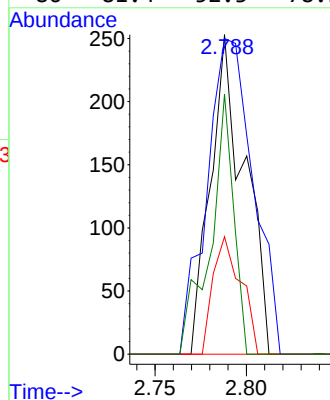
#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 331

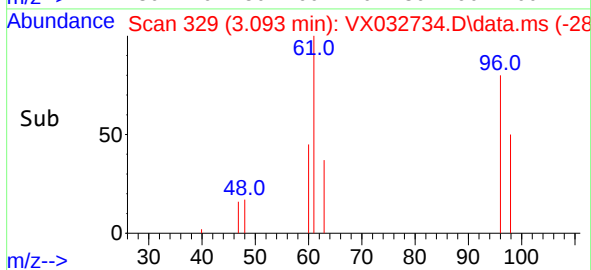
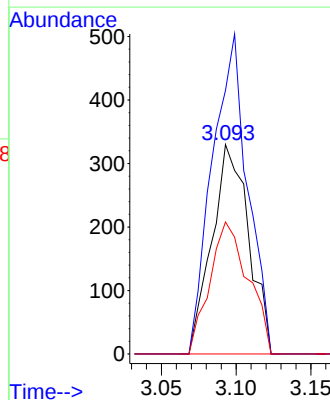
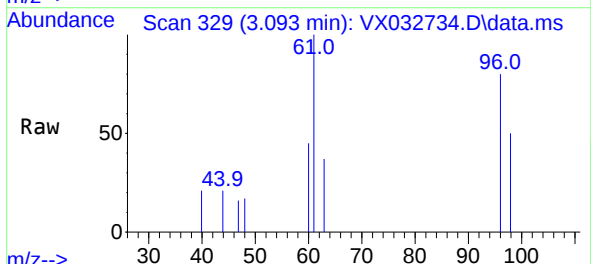
Ion	Ratio	Lower	Upper
84	100		
49	98.8	101.0	151.6#
51	36.8	31.1	46.7
86	81.4	52.3	78.5#

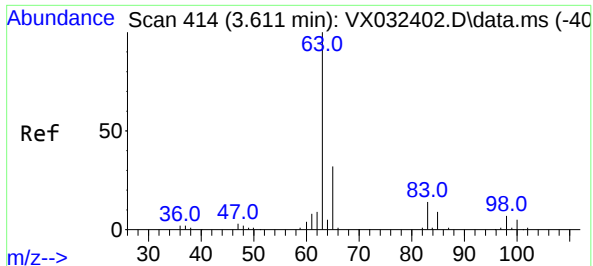


#21
trans-1,2-Dichloroethene
Concen: 0.443 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 96 Resp: 564

Ion	Ratio	Lower	Upper
96	100		
61	125.8	106.6	160.0
98	63.0	51.0	76.6

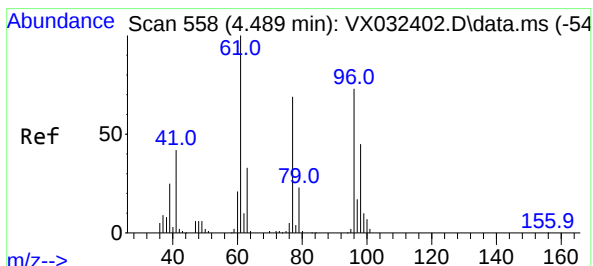
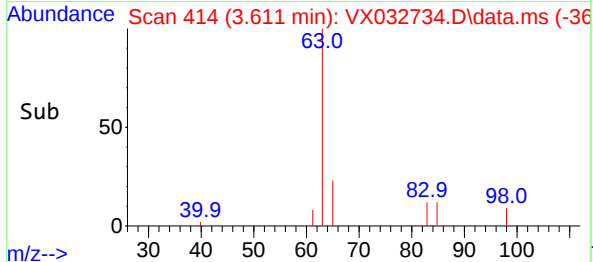
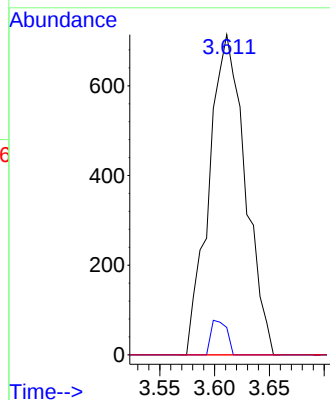
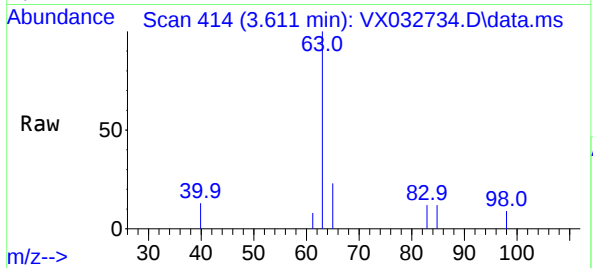




#24
1,1-Dichloroethane
Concen: 0.709 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

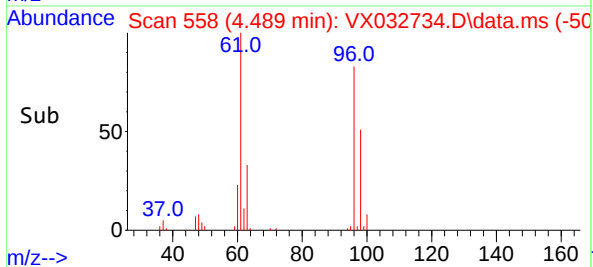
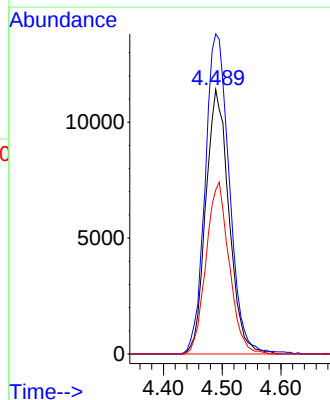
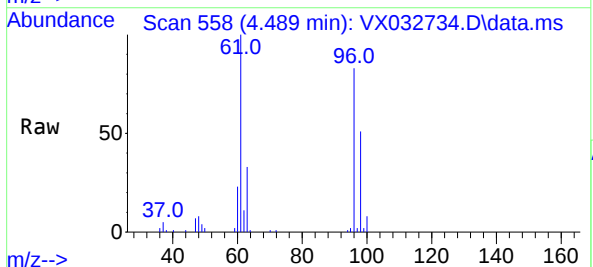
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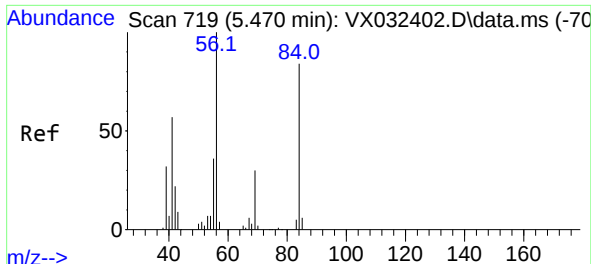
Tgt Ion: 63 Resp: 1646
Ion Ratio Lower Upper
63 100
98 8.5 3.5 10.4
100 0.0 2.3 6.8#



#27
cis-1,2-Dichloroethene
Concen: 21.247 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 96 Resp: 31279
Ion Ratio Lower Upper
96 100
61 126.4 0.0 286.0
98 64.7 0.0 129.6

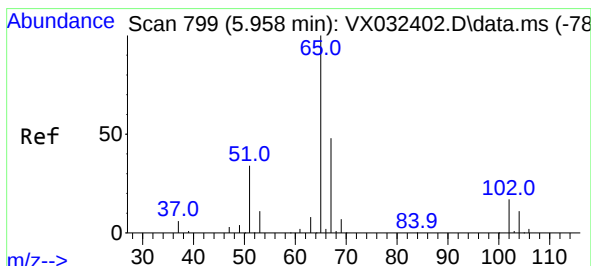
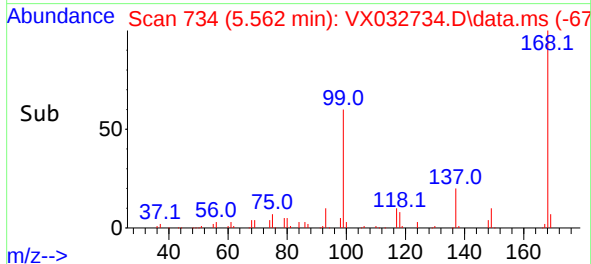
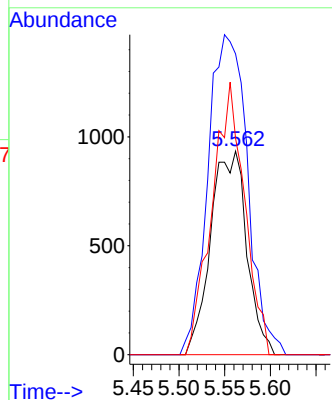
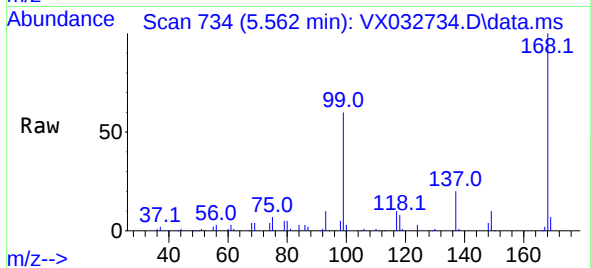




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

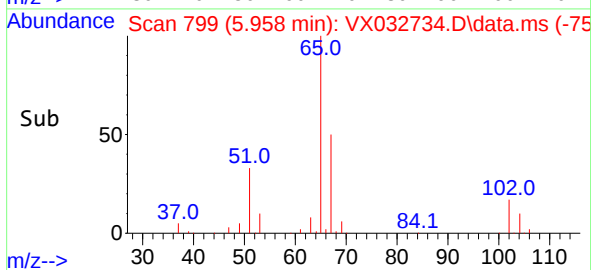
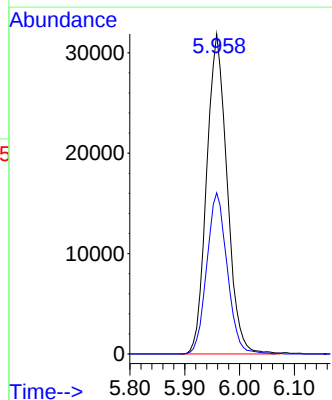
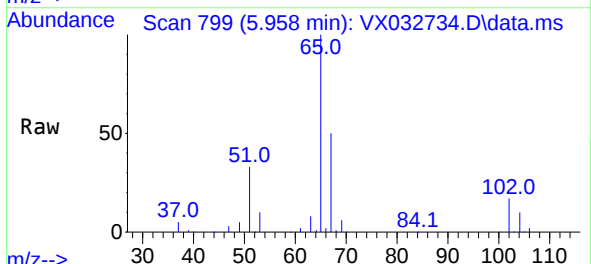
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

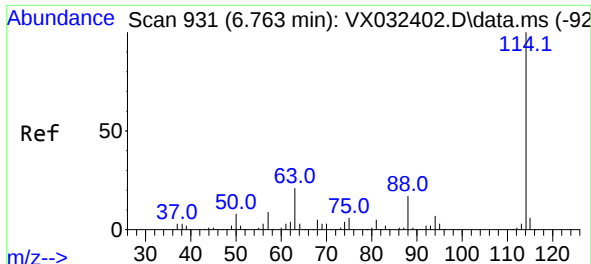
Tgt Ion: 56 Resp: 2557
Ion Ratio Lower Upper
56 100
69 147.9 24.1 36.1#
84 106.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.957 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 65 Resp: 82608
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

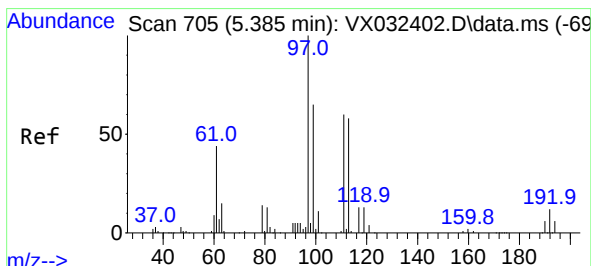
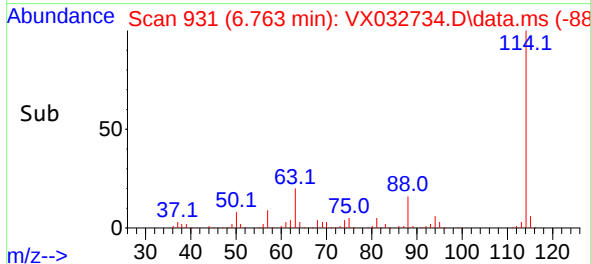
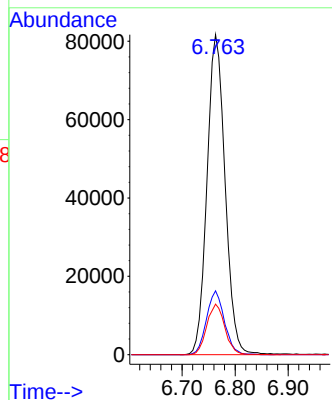
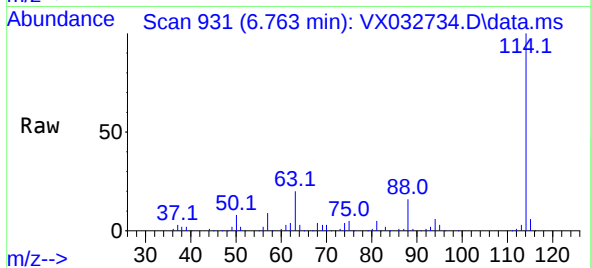




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

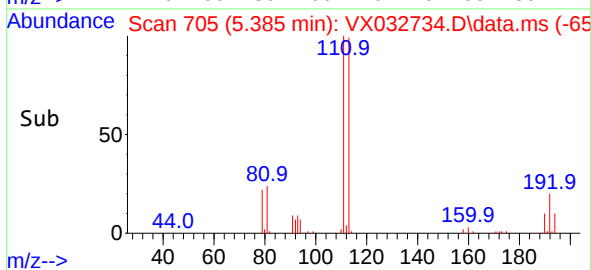
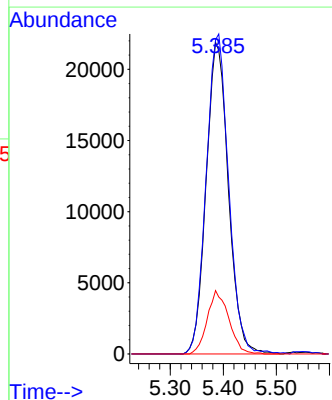
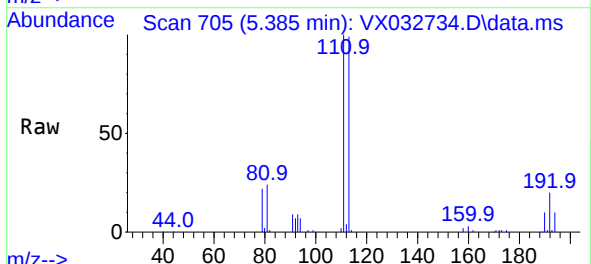
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

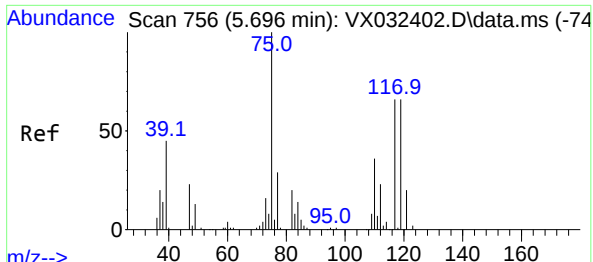
Tgt Ion:114 Resp: 193259
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion:113 Resp: 63805
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.6 15.4 23.2

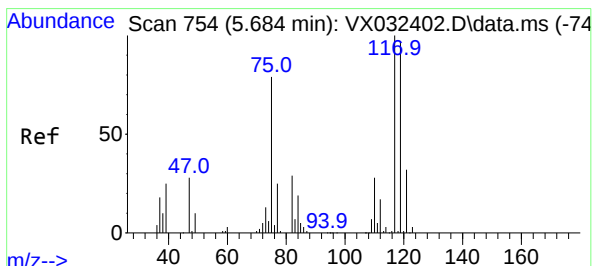
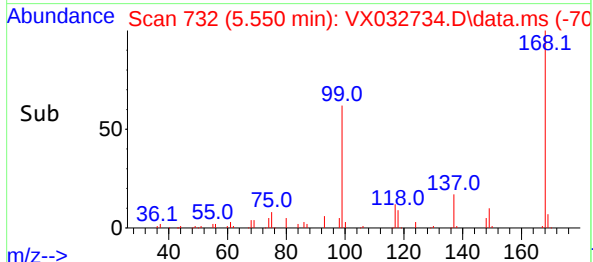
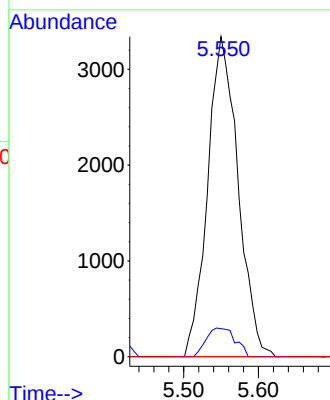
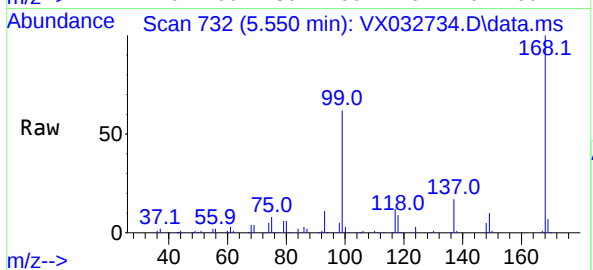




#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

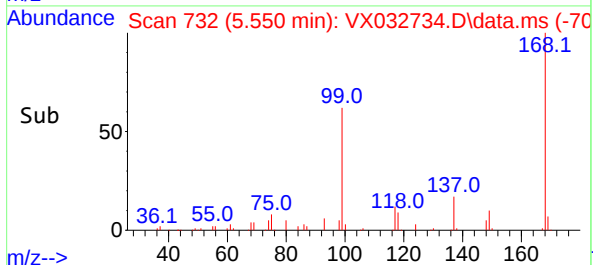
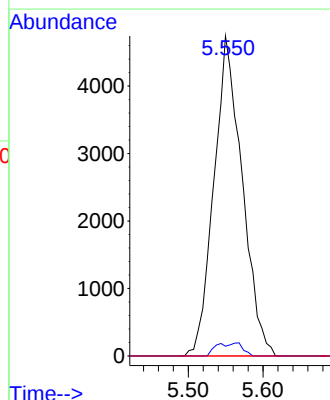
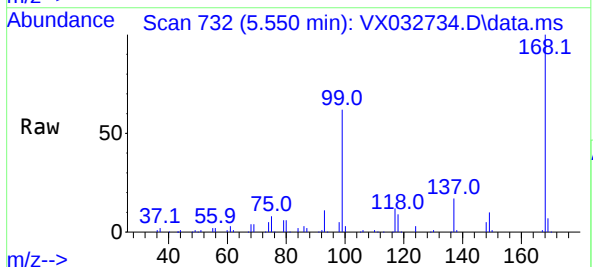
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

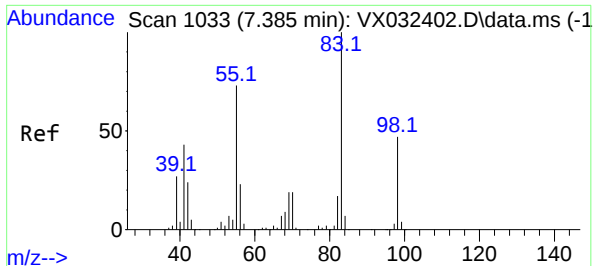
Tgt Ion: 75 Resp: 9444
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 117 Resp: 12455
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 25.8 38.6#

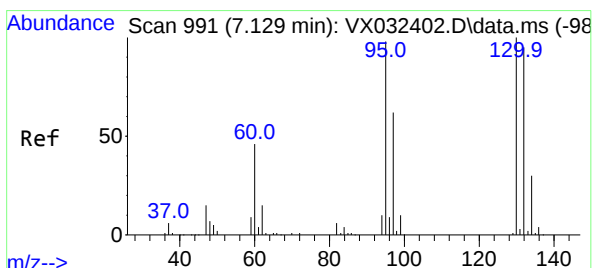
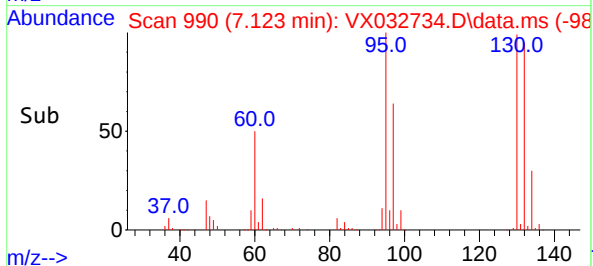
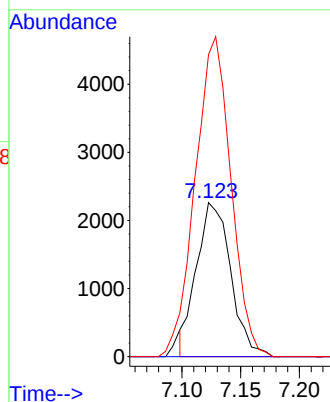
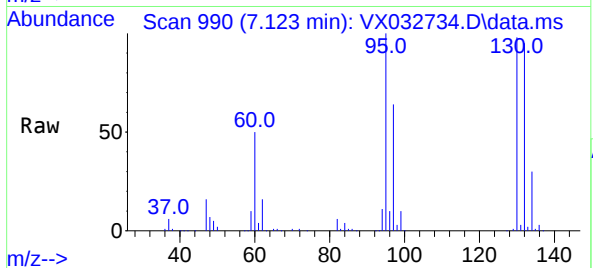




#39
Methylcyclohexane
Concen: 2.012 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.262 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

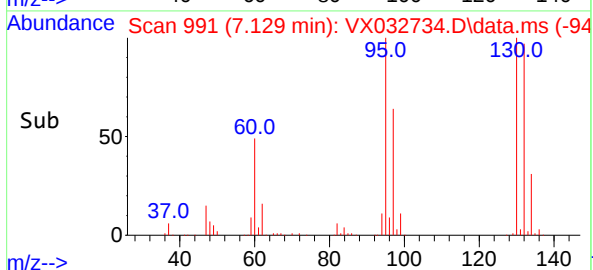
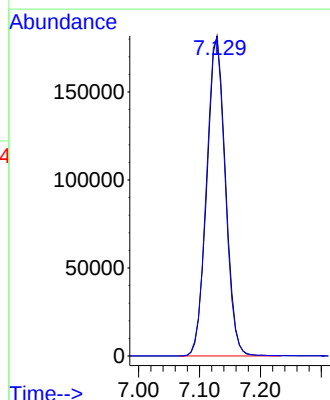
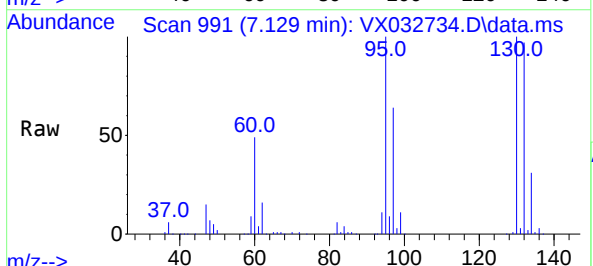
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

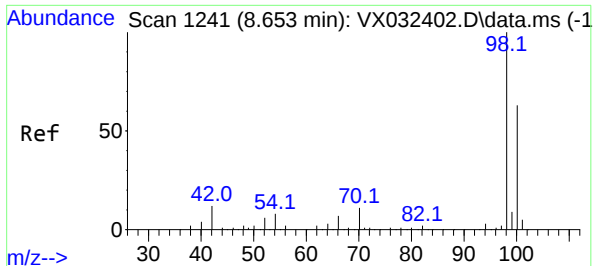
Tgt Ion: 83 Resp: 4569
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 189.7 37.2 55.8#



#44
Trichloroethene
Concen: 252.800 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion:130 Resp: 386594
Ion Ratio Lower Upper
130 100
95 99.5 0.0 195.2





#50

Toluene-d8

Concen: 49.799 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032734.D

Acq: 10 Nov 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

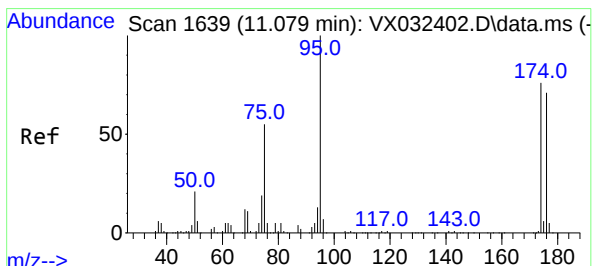
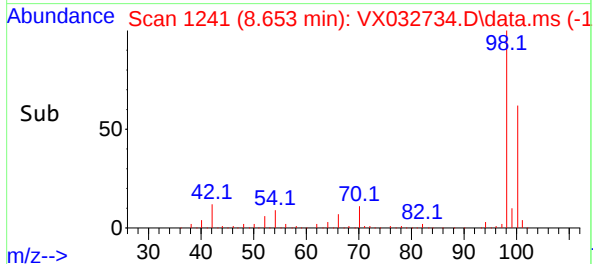
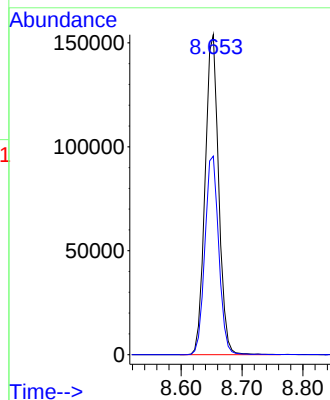
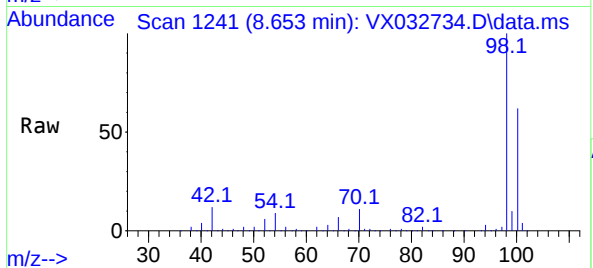
08BR-20221109

Tgt Ion: 98 Resp: 238710

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.538 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032734.D

Acq: 10 Nov 2022 17:27

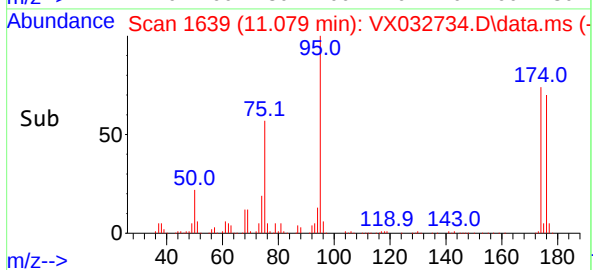
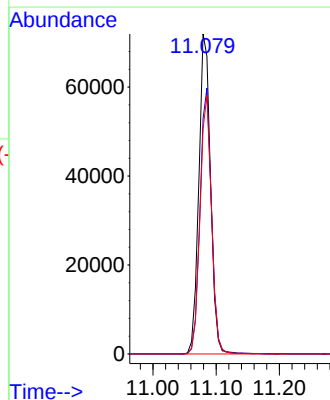
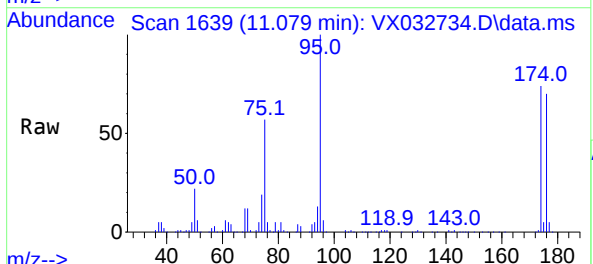
Tgt Ion: 95 Resp: 92758

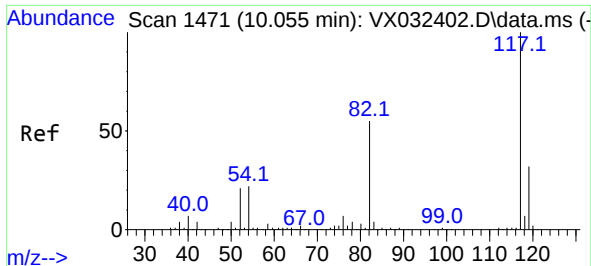
Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 79.2 0.0 154.4

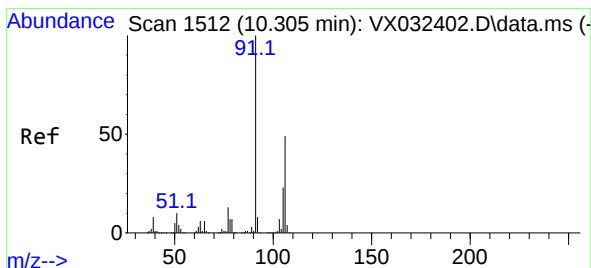
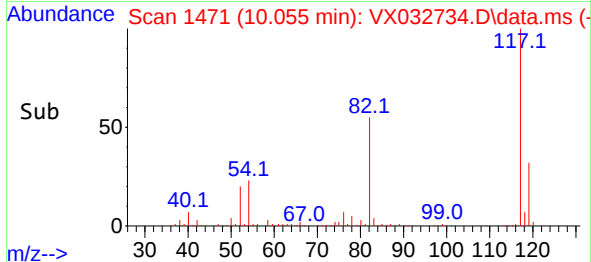
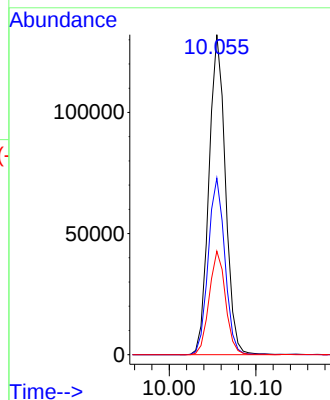
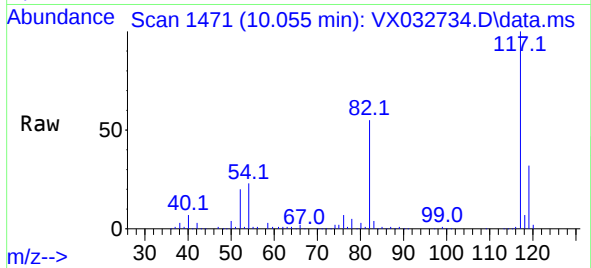




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

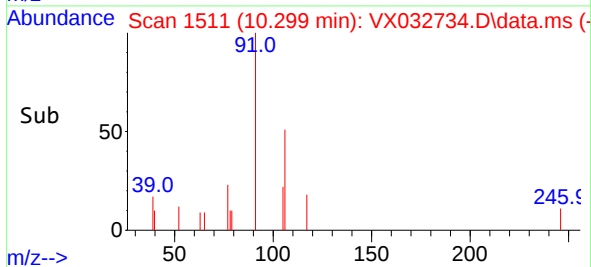
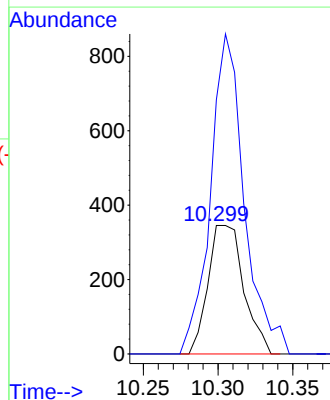
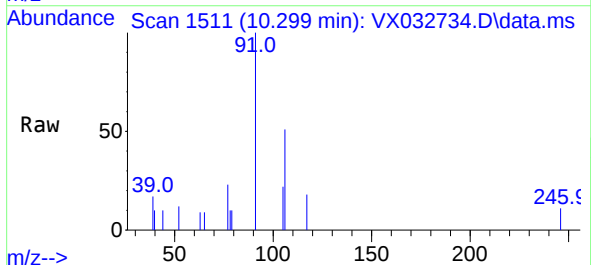
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

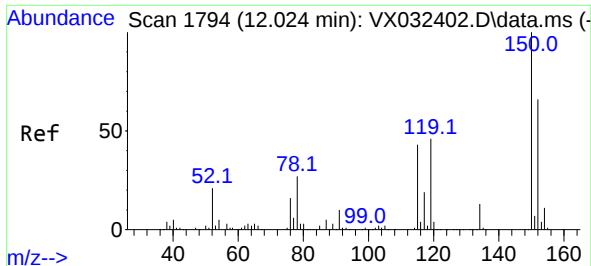
Tgt Ion:117 Resp: 174525
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion:106 Resp: 574
Ion Ratio Lower Upper
106 100
91 235.4 164.5 246.7

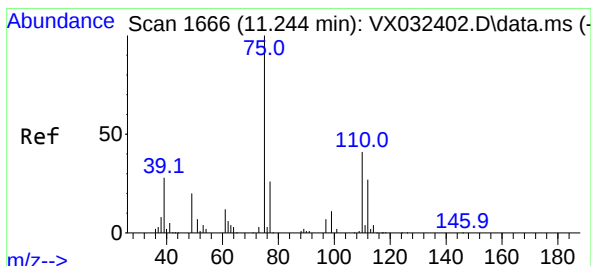
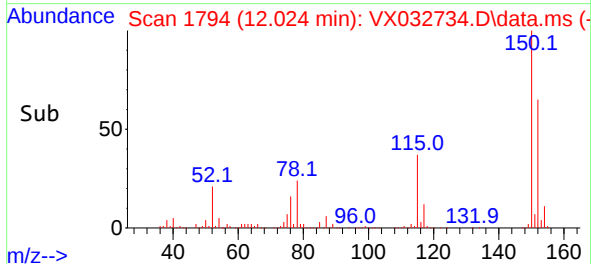
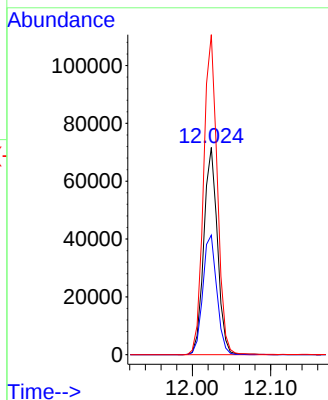
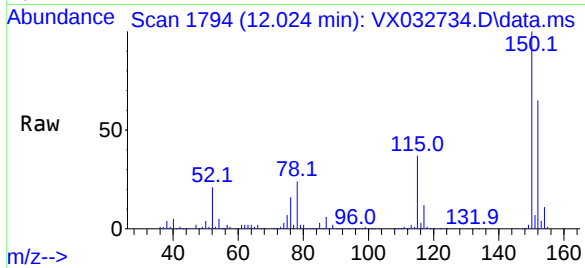




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

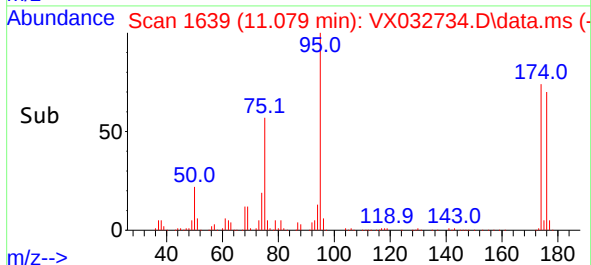
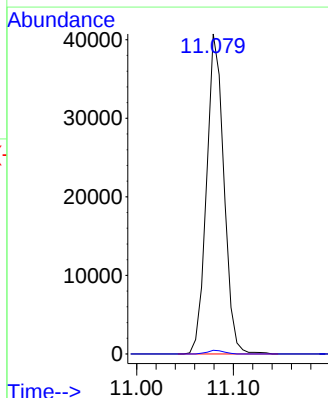
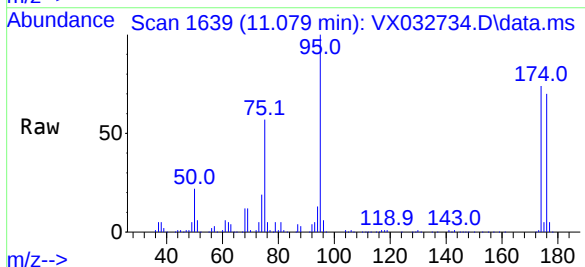
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

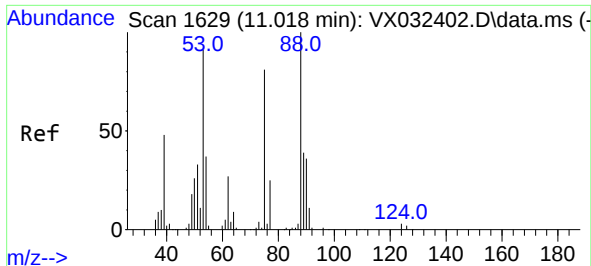
Tgt Ion:152 Resp: 86352
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 155.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 75 Resp: 50649
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

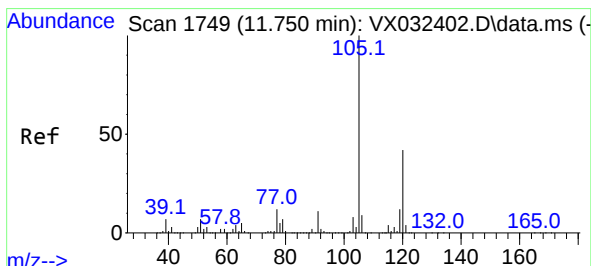
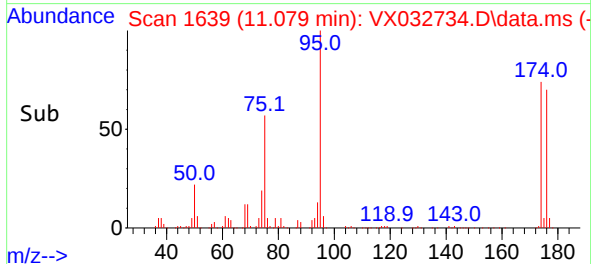
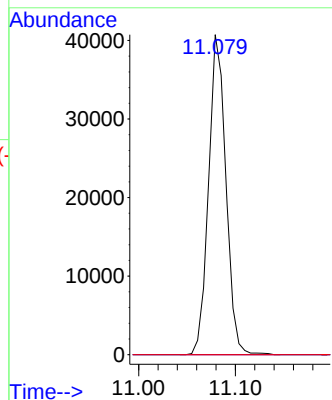
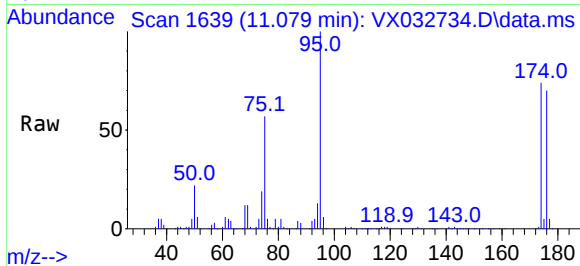




#81
trans-1,4-Dichloro-2-butene
Concen: 83.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

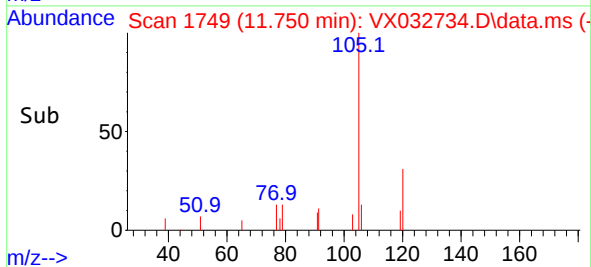
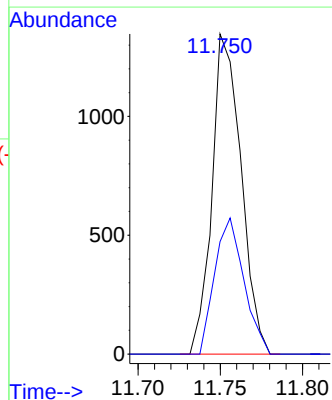
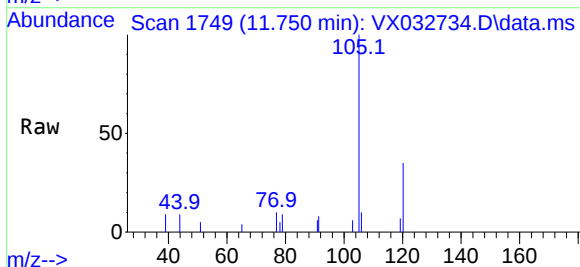
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

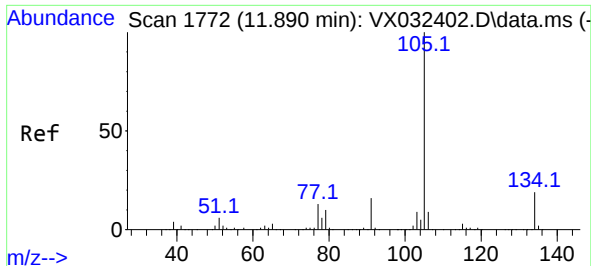
Tgt Ion: 75 Resp: 50649
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.285 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 105 Resp: 1655
Ion Ratio Lower Upper
105 100
120 42.7 21.9 65.5

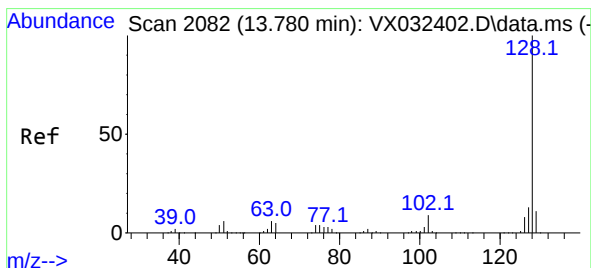
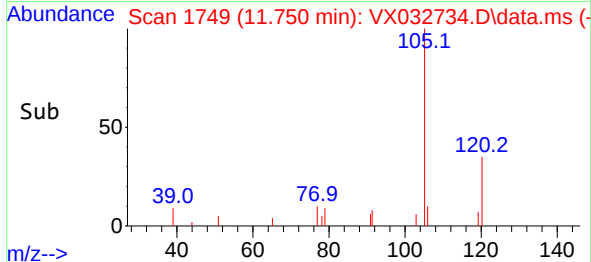
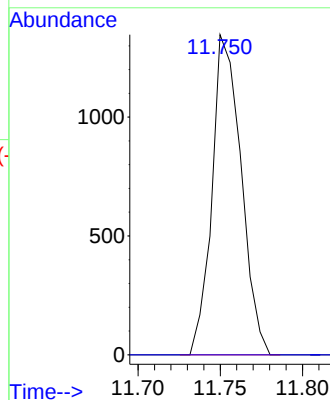
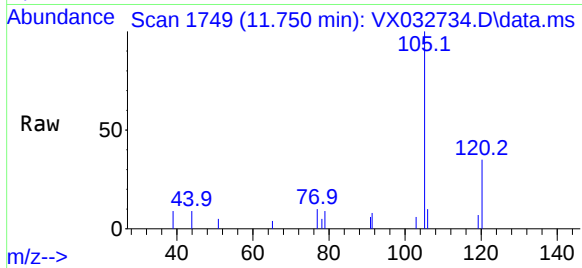




#85
sec-Butylbenzene
Concen: 0.236 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109

Tgt Ion:105 Resp: 1655
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#



#95
Naphthalene
Concen: 0.244 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032734.D
Acq: 10 Nov 2022 17:27

Tgt Ion:128 Resp: 1657
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 8.4 8.9 13.3#

