

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035871.D
 Acq On : 25 May 2023 22:10
 Operator : JC/MD
 Sample : 02911-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230522DL

Quant Time: May 26 07:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

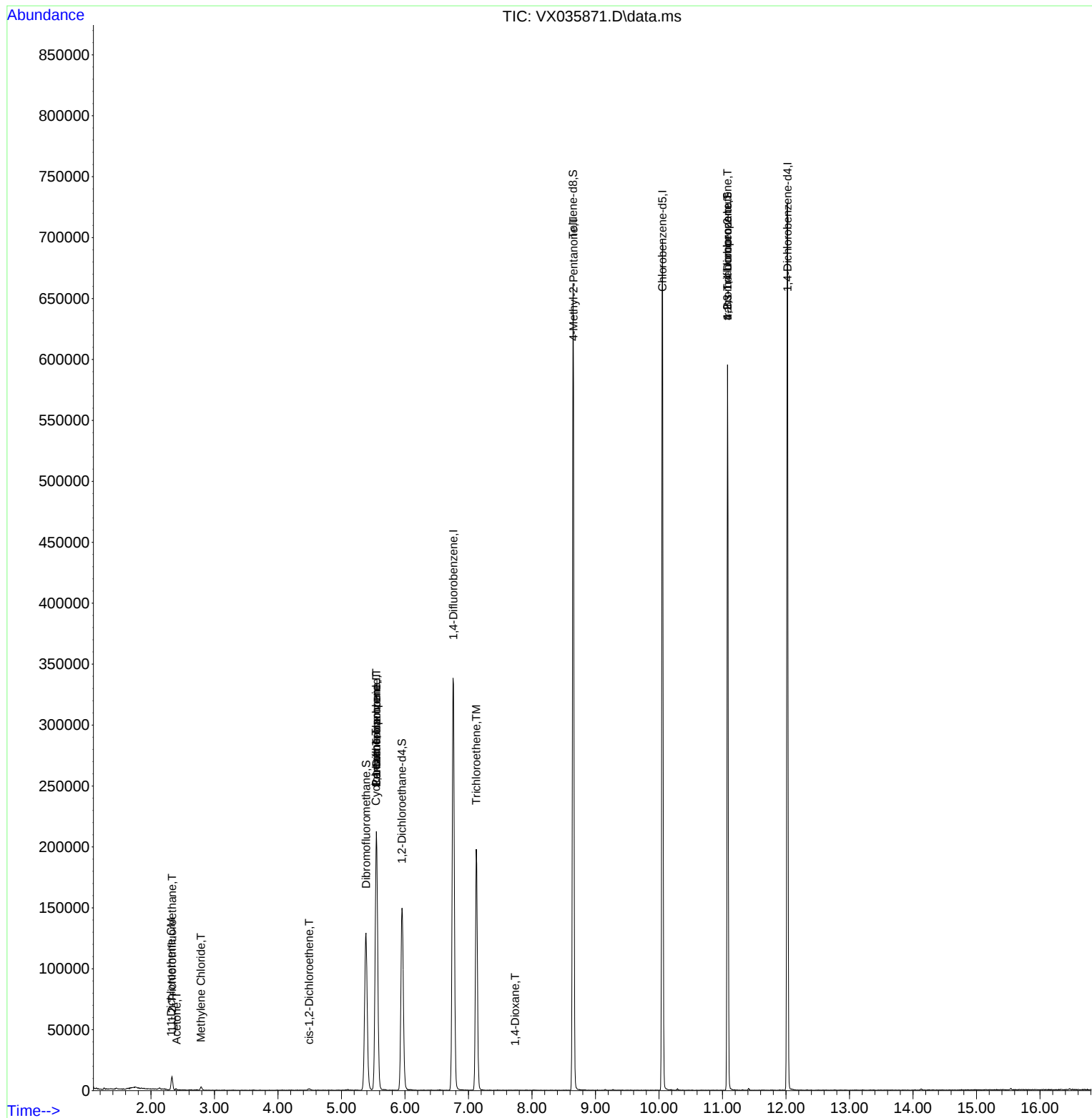
Internal Standards						
1) Pentafluorobenzene	5.550	168	191122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143669	43.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.180%
35) Dibromofluoromethane	5.385	113	109998	47.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	374008	44.011	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.020%#
62) 4-Bromofluorobenzene	11.079	95	148871	43.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.020%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3938	1.758	ug/l	98
12) 1,1-Dichloroethene	2.319	96	573	0.269	ug/l #	70
16) Acetone	2.404	43	1050	0.733	ug/l #	65
20) Methylene Chloride	2.788	84	1381	0.532	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	987	0.352	ug/l	63
31) Cyclohexane	5.544	56	4946	1.174	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	16316	4.494	ug/l #	49
38) Carbon Tetrachloride	5.550	117	20613	5.993	ug/l #	15
44) Trichloroethene	7.123	130	74257	28.831	ug/l	100
49) 1,4-Dioxane	7.732	88	54	2.748	ug/l #	23
51) 4-Methyl-2-Pentanone	8.653	43	1629	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80357	22.791	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80357	73.453	ug/l #	8

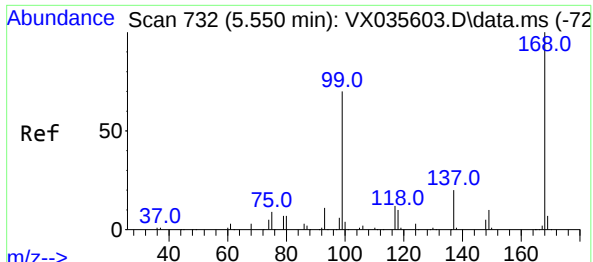
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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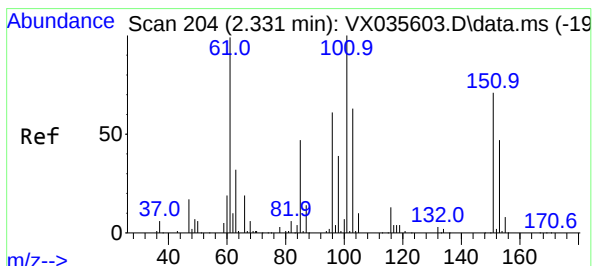
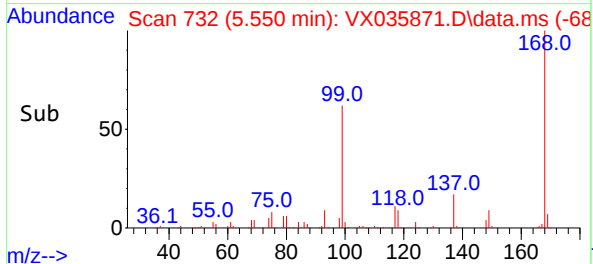
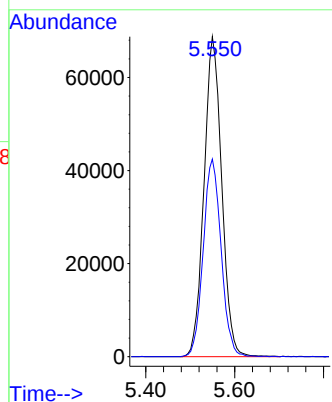
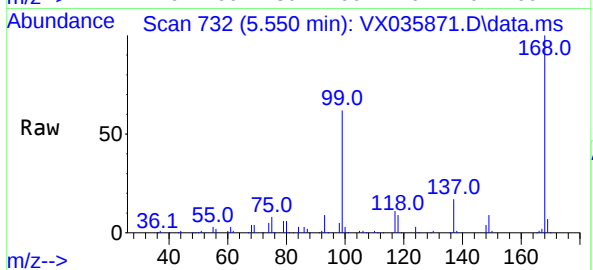




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

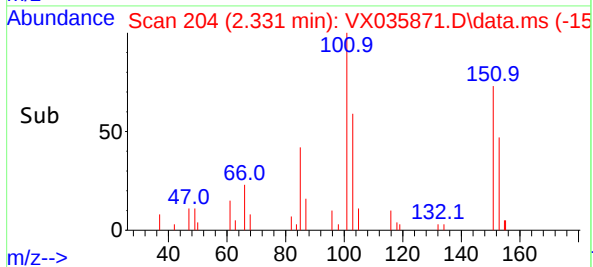
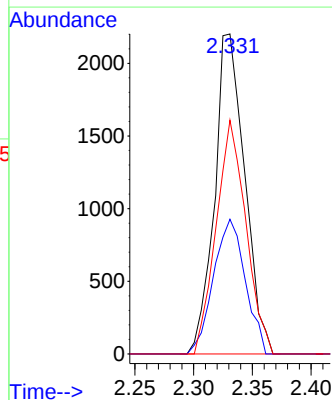
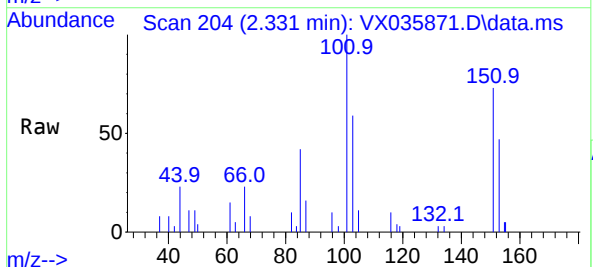
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

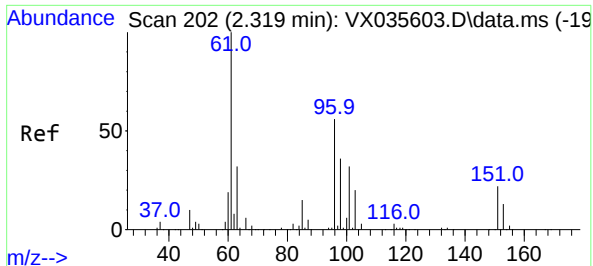
Tgt Ion:168 Resp: 191122
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.758 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

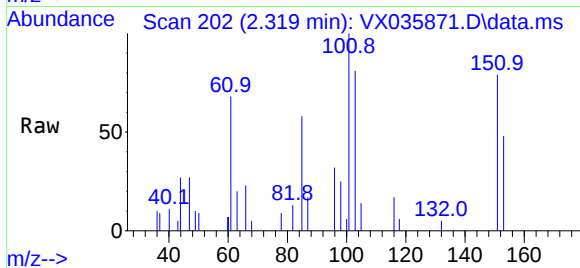
Tgt Ion:101 Resp: 3938
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 72.1 60.2 90.4



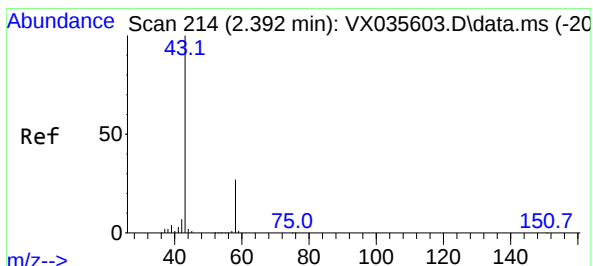
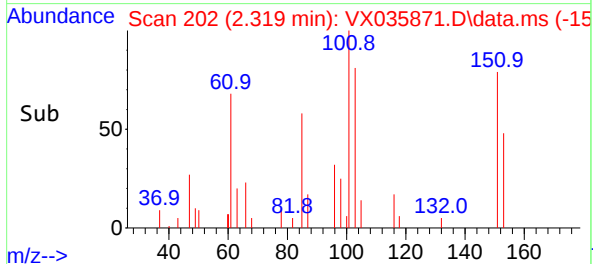
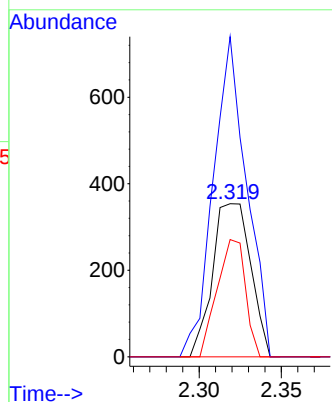


#12
1,1-Dichloroethene
Concen: 0.269 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

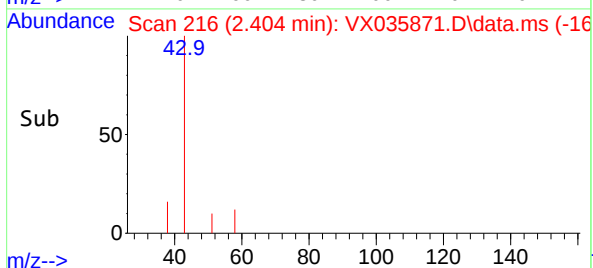
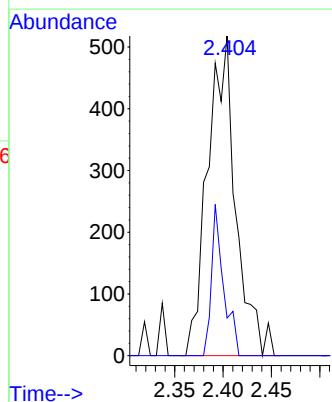
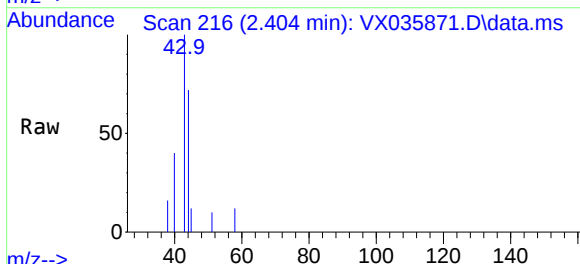


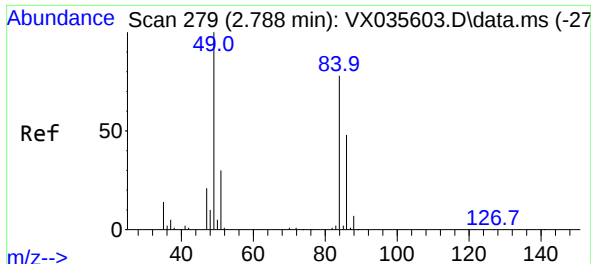
Tgt Ion: 96 Resp: 573
Ion Ratio Lower Upper
96 100
61 209.0 128.8 193.2#
98 76.6 51.4 77.0



#16
Acetone
Concen: 0.733 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 11.8 24.7 37.1#



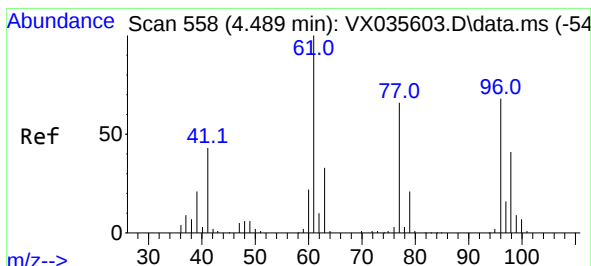
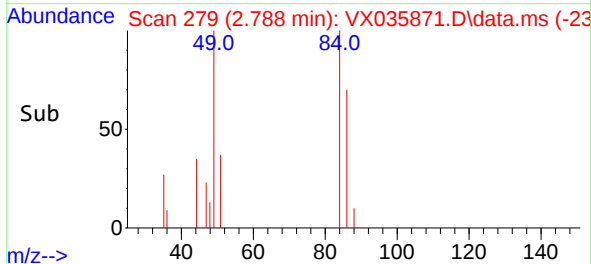
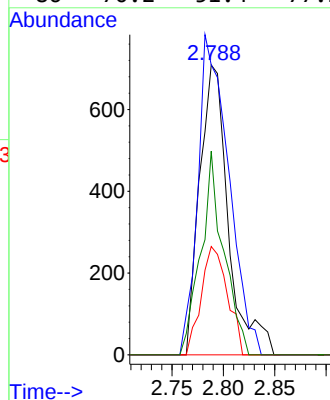
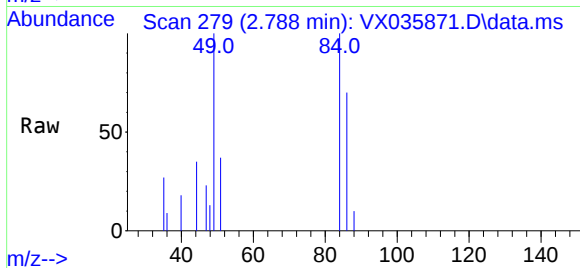


#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

Tgt Ion: 84 Resp: 1381

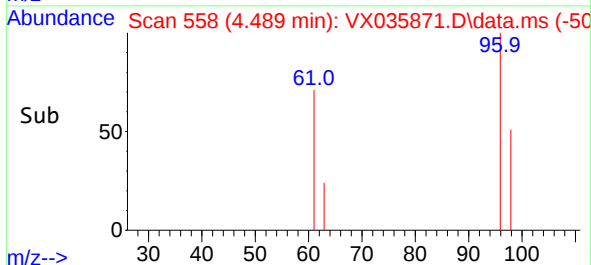
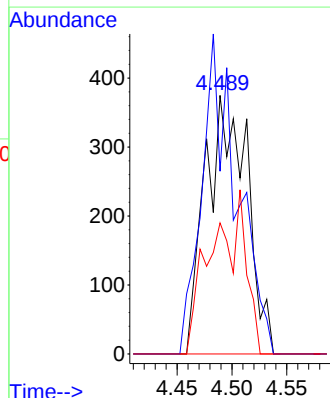
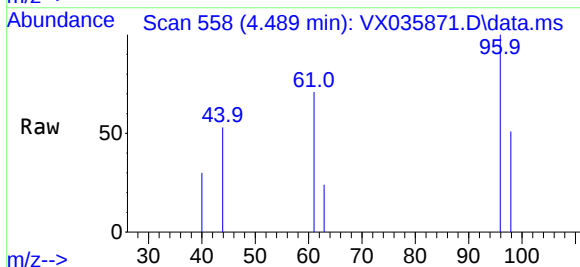
Ion	Ratio	Lower	Upper
84	100		
49	100.0	103.8	155.8#
51	37.4	31.8	47.8
86	70.2	51.4	77.2

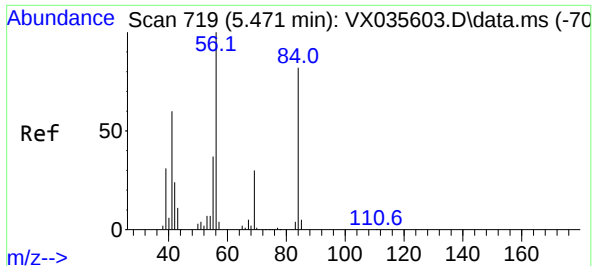


#27
cis-1,2-Dichloroethene
Concen: 0.352 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 96 Resp: 987

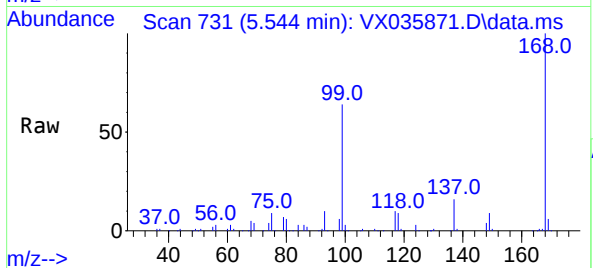
Ion	Ratio	Lower	Upper
96	100		
61	103.6	0.0	300.4
98	35.7	0.0	129.0



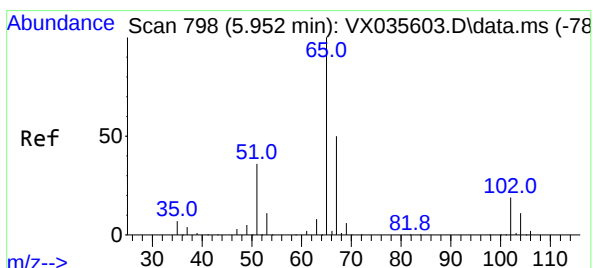
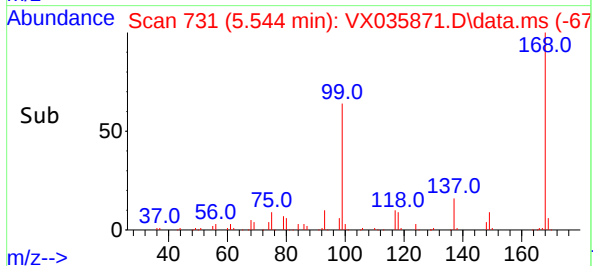
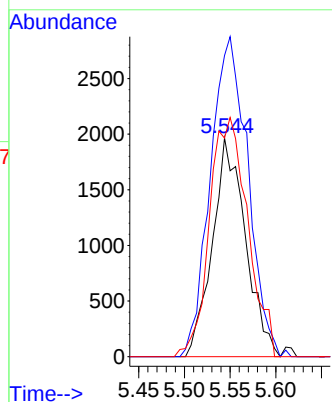


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Instrument :
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ClientSampleId :
RE114D1-20230522DL

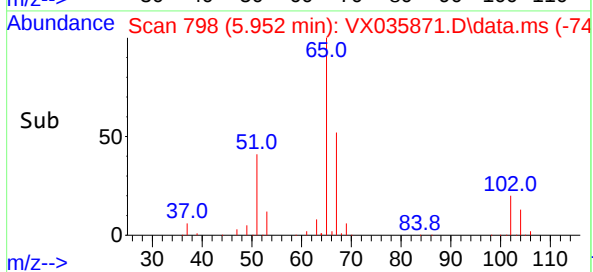
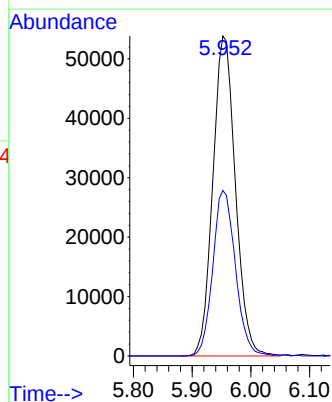
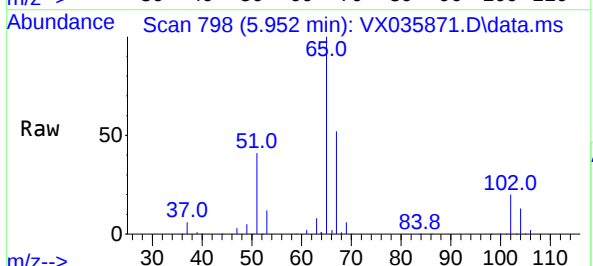


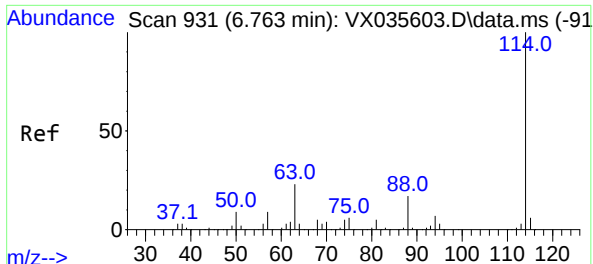
Tgt Ion: 56 Resp: 4946
Ion Ratio Lower Upper
56 100
69 137.6 23.7 35.5#
84 99.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 43.090 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 65 Resp: 143669
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

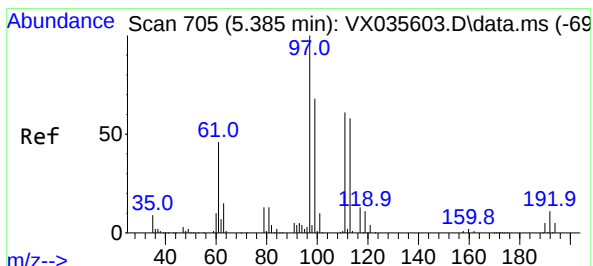
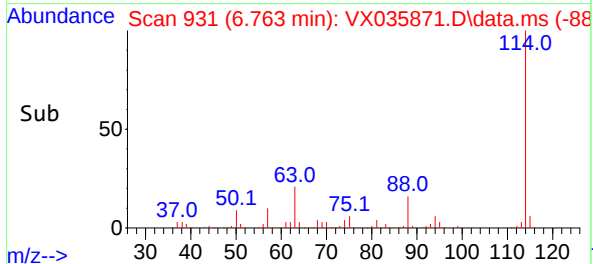
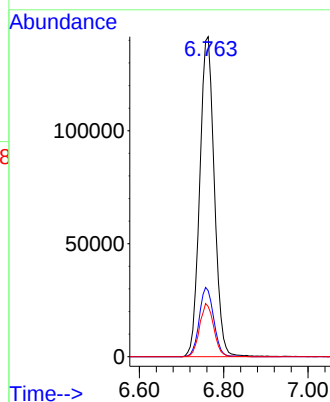
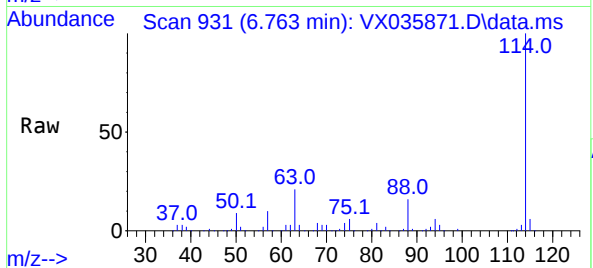




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

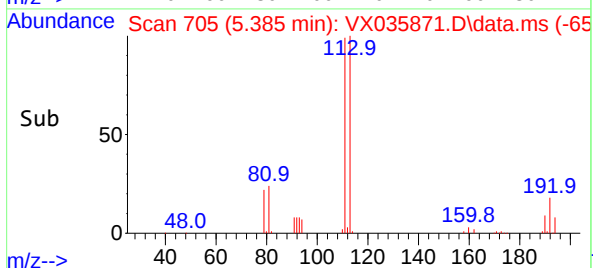
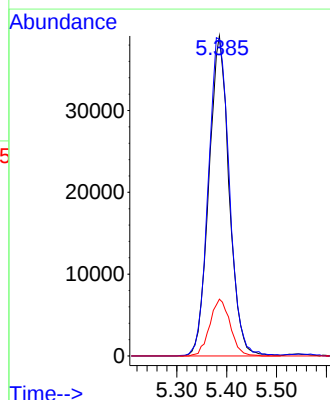
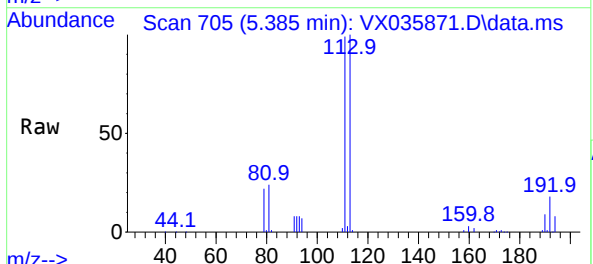
Instrument :
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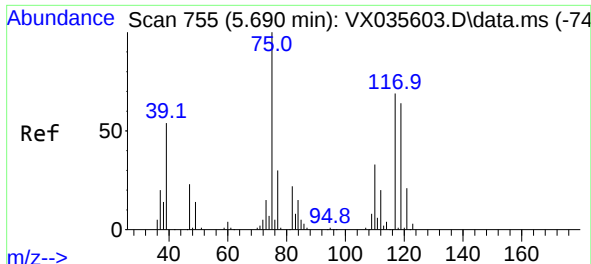
Tgt Ion:114 Resp: 341095
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.818 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion:113 Resp: 109998
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 17.9 15.4 23.2

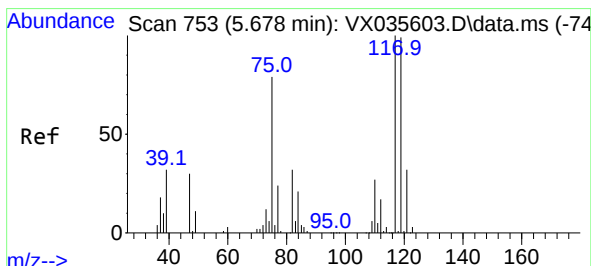
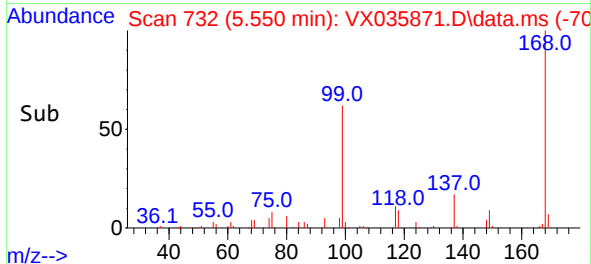
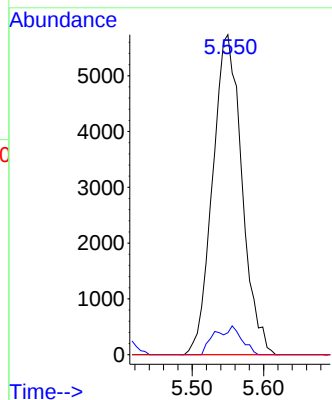
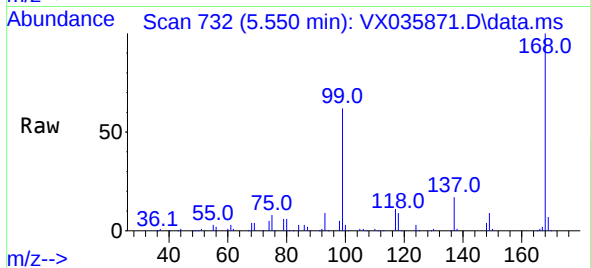




#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

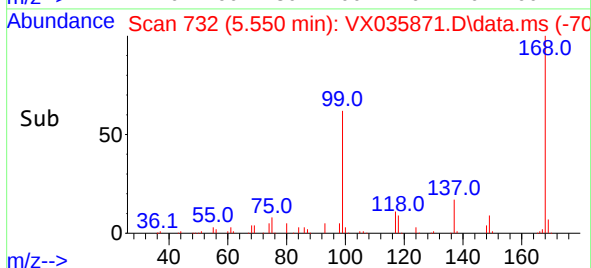
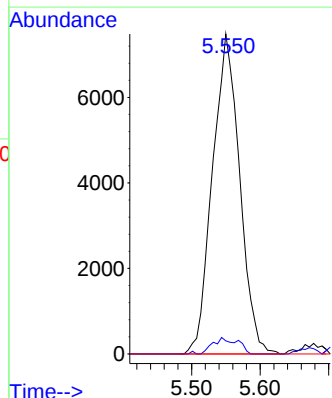
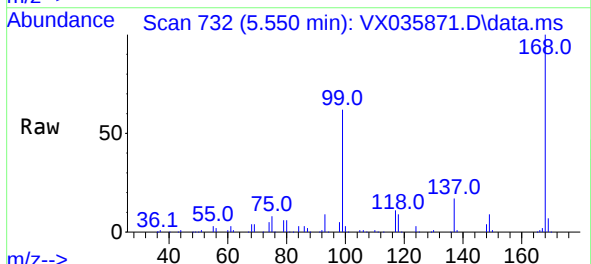
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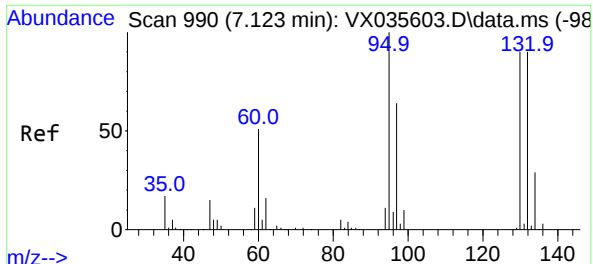
Tgt Ion: 75 Resp: 16316
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 117 Resp: 20613
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#

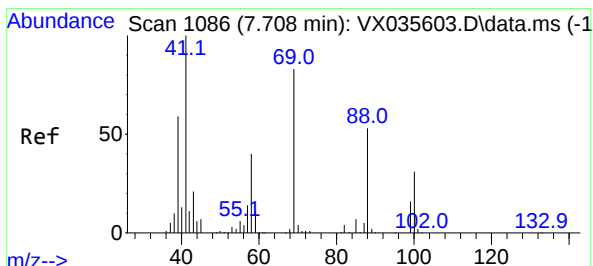
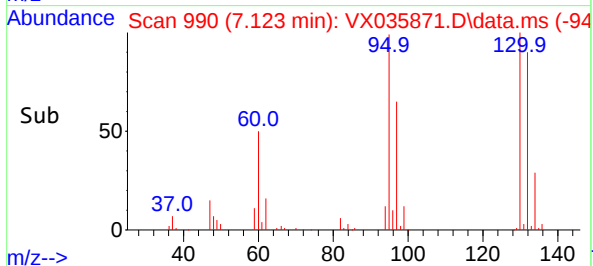
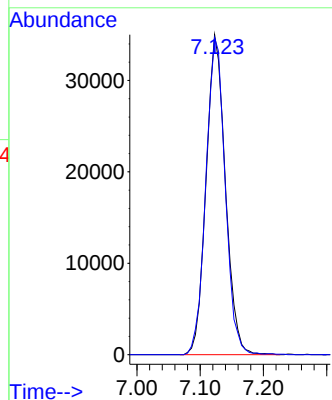
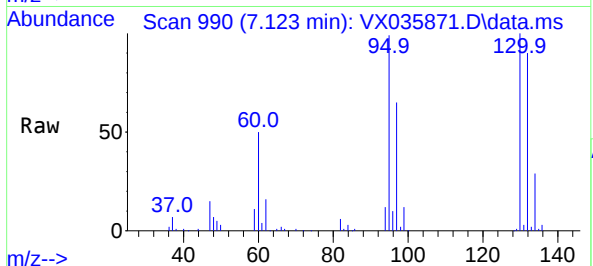




#44
Trichloroethene
Concen: 28.831 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

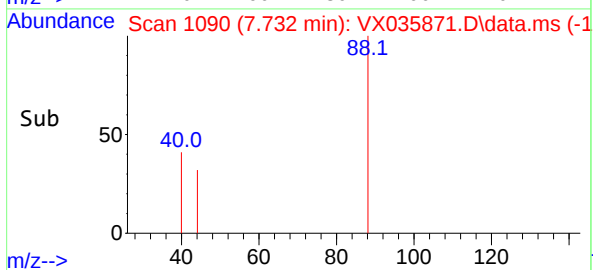
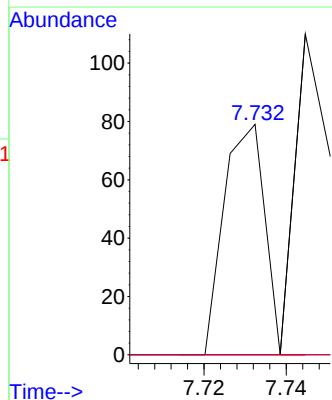
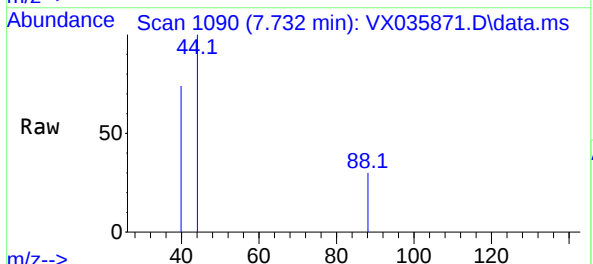
Instrument :
MSVOA_X
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RE114D1-20230522DL

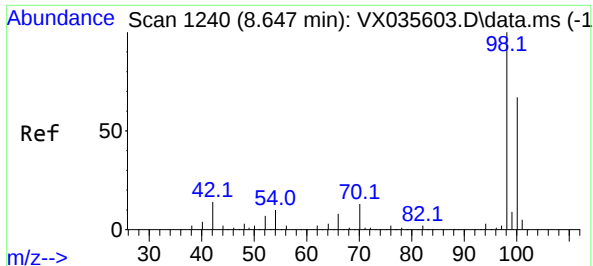
Tgt Ion:130 Resp: 74257
Ion Ratio Lower Upper
130 100
95 99.1 0.0 198.4



#49
1,4-Dioxane
Concen: 2.748 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

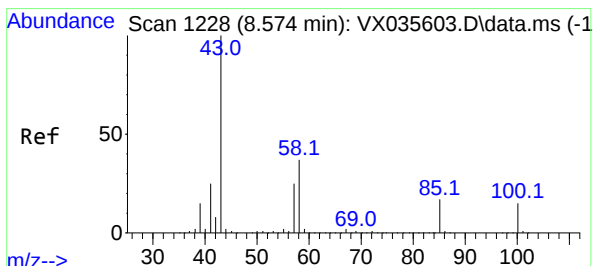
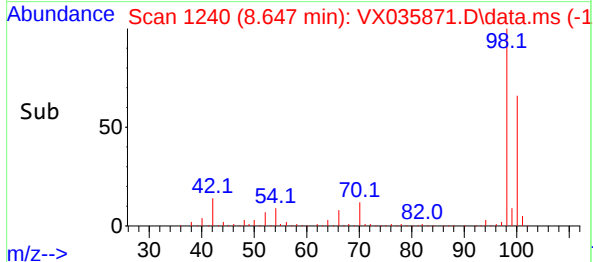
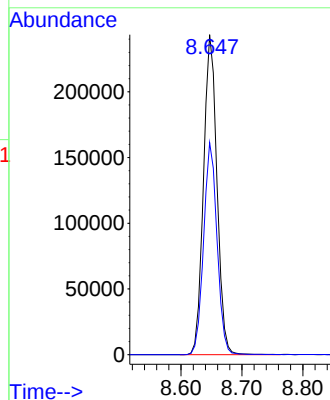
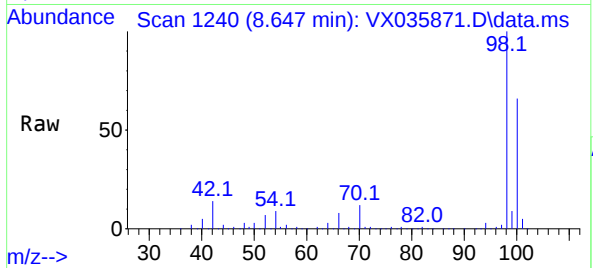




#50
Toluene-d8
Concen: 44.011 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

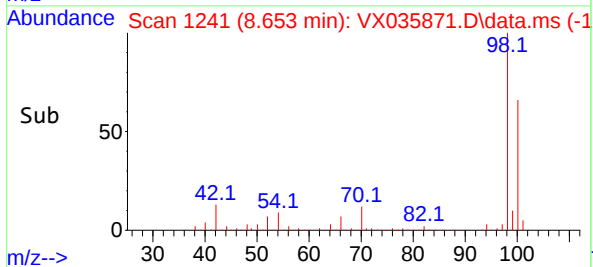
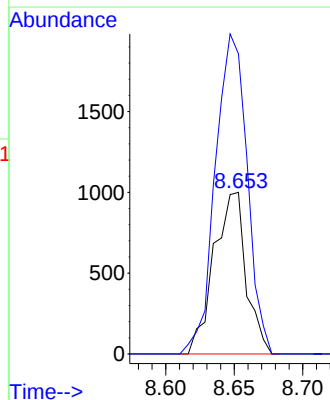
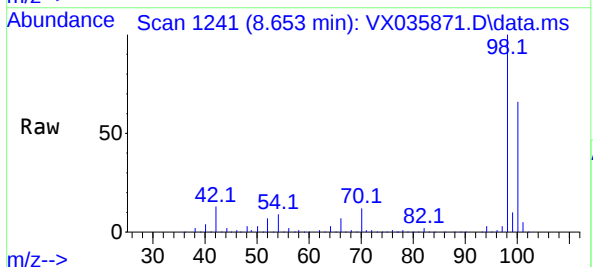
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

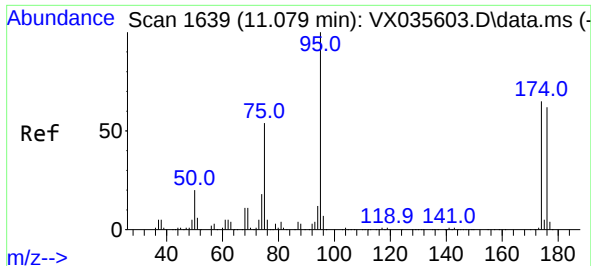
Tgt Ion: 98 Resp: 374008
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 196.7 30.6 46.0#

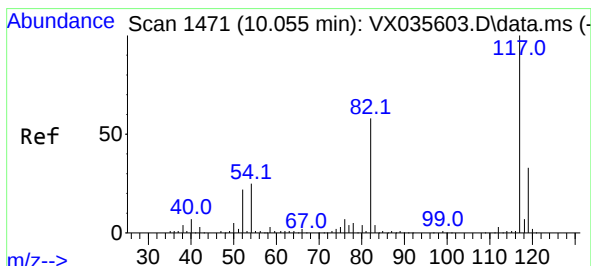
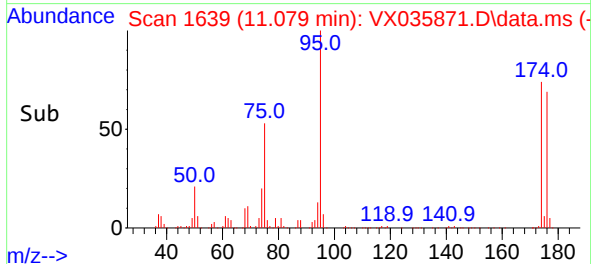
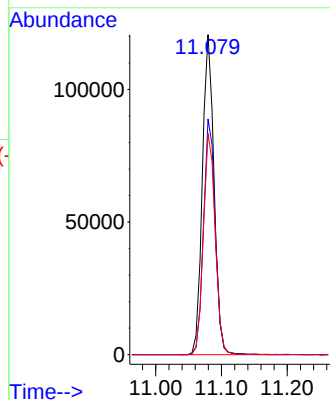
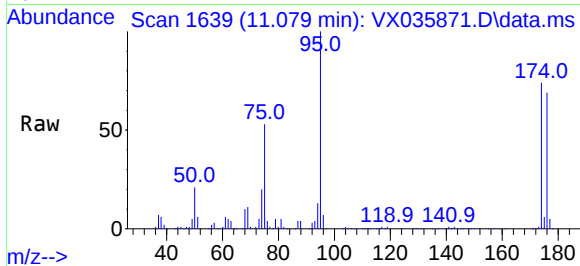




#62
4-Bromofluorobenzene
Concen: 43.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

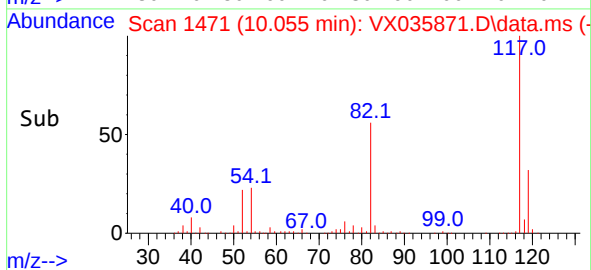
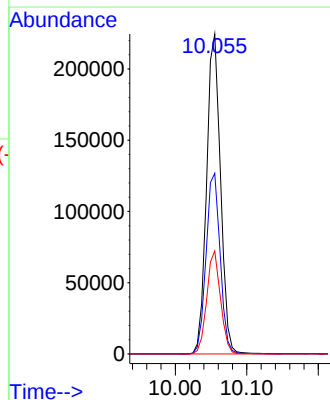
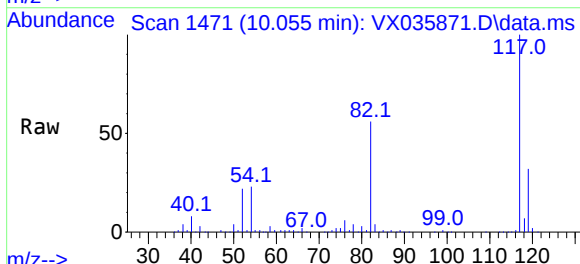
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

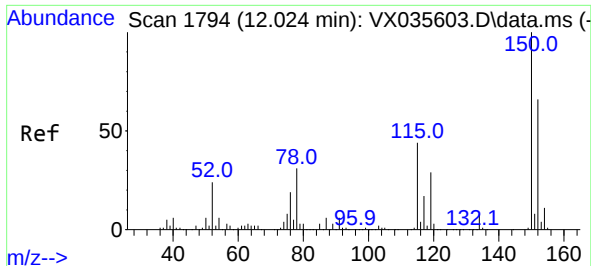
Tgt Ion: 95 Resp: 148871
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

Tgt Ion: 117 Resp: 304236
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.2 26.0 39.0

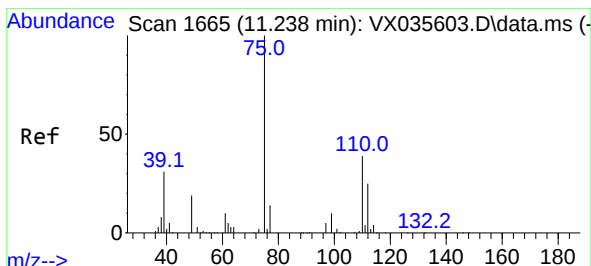
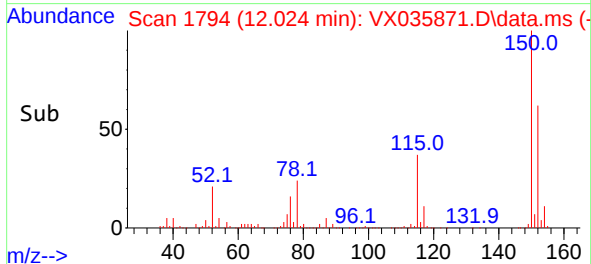
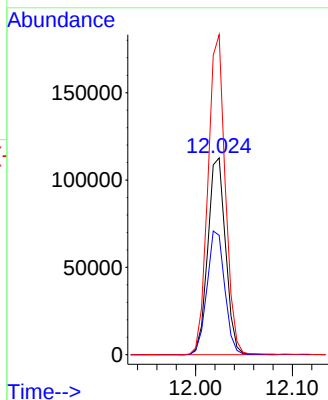
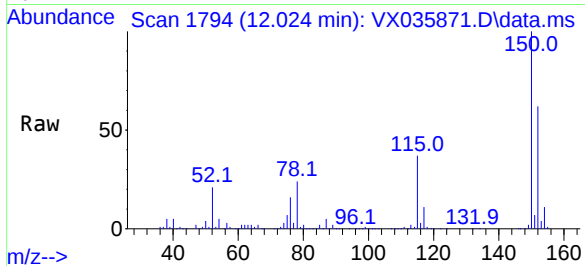




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

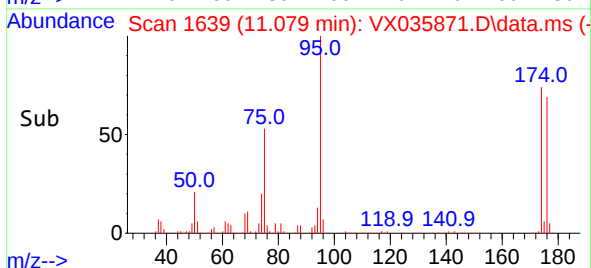
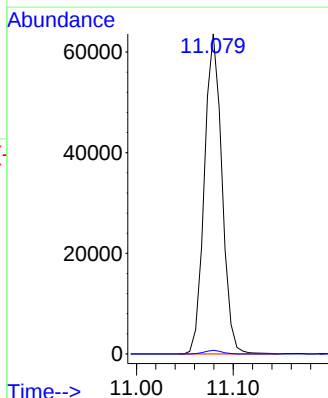
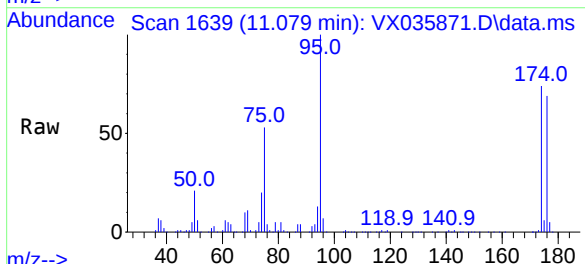
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522DL

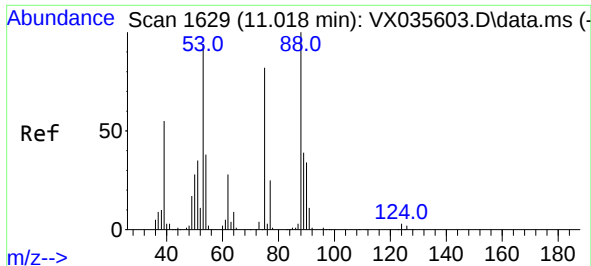
Tgt Ion:152 Resp: 144143
Ion Ratio Lower Upper
152 100
115 62.9 45.0 135.0
150 158.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 22.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035871.D
Acq: 25 May 2023 22:10

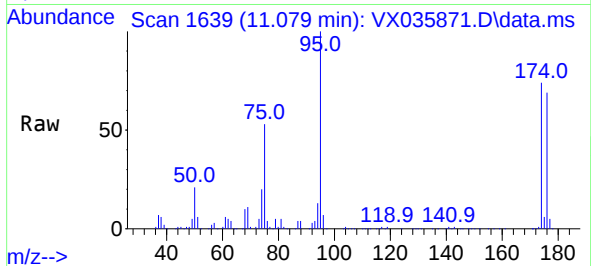
Tgt Ion: 75 Resp: 80357
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.453 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035871.D
 Acq: 25 May 2023 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230522DL



Tgt Ion: 75 Resp: 80357
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

