

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035873.D
 Acq On : 25 May 2023 22:57
 Operator : JC/MD
 Sample : 02911-19 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230522

Quant Time: May 26 07:26:52 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)

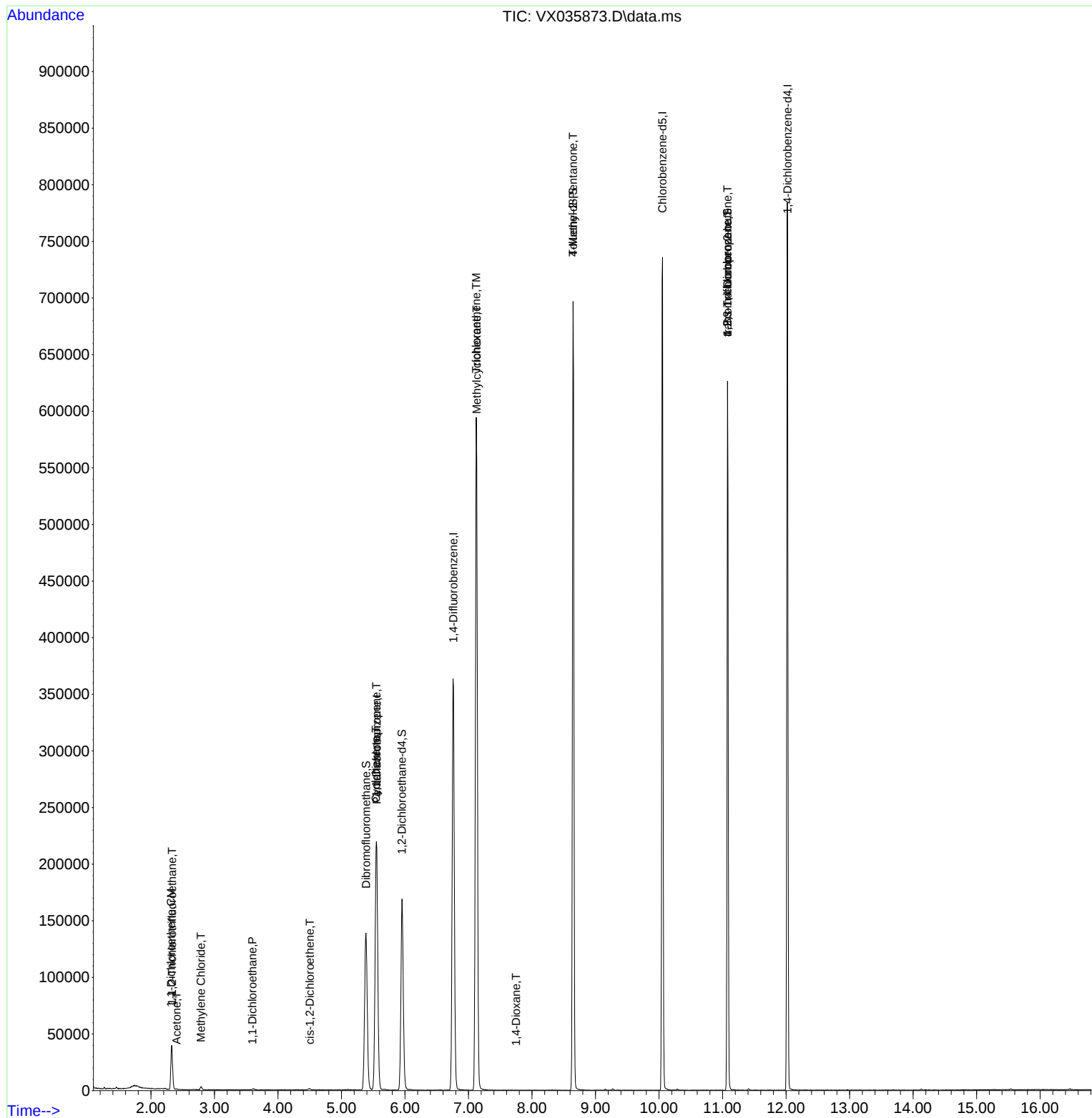
Internal Standards						
1) Pentafluorobenzene	5.556	168	203859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153642	43.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.400%
35) Dibromofluoromethane	5.385	113	118896	48.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.647	98	402067	44.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.520%#
62) 4-Bromofluorobenzene	11.079	95	159597	43.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.280%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	9857	4.127	ug/l	97
12) 1,1-Dichloroethene	2.319	96	5439	2.396	ug/l	82
16) Acetone	2.404	43	965	0.631	ug/l	89
20) Methylene Chloride	2.788	84	1232	0.445	ug/l	92
24) 1,1-Dichloroethane	3.599	63	1263	0.248	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	876	0.293	ug/l	58
31) Cyclohexane	5.544	56	5045	1.123	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	17225	4.438	ug/l #	50
39) Methylcyclohexane	7.129	83	2850	0.624	ug/l #	1
44) Trichloroethene	7.123	130	224741	81.631	ug/l	99
49) 1,4-Dioxane	7.751	88	21	2.273	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	1998	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85384	22.336	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	85384	71.987	ug/l #	8

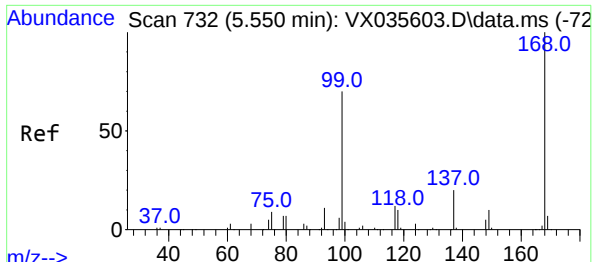
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
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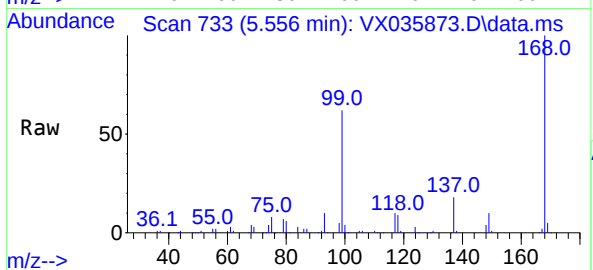
Quant Time: May 26 07:26:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



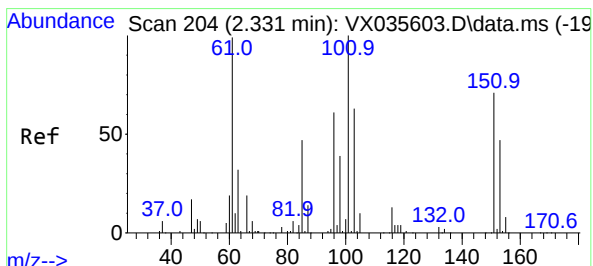
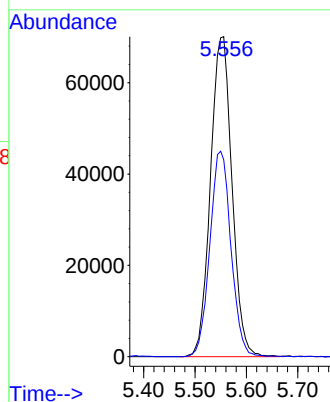
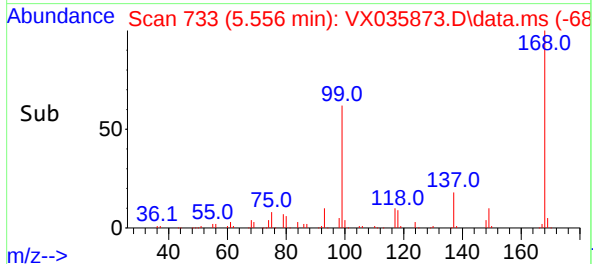


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

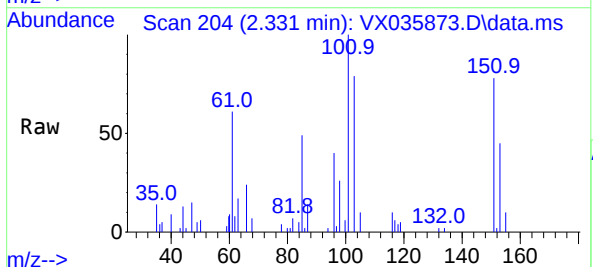
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522



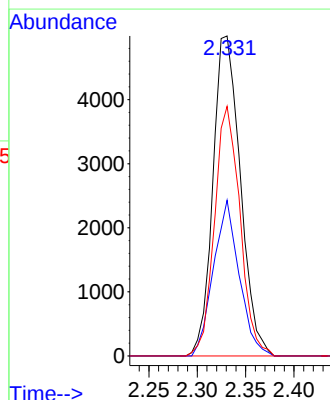
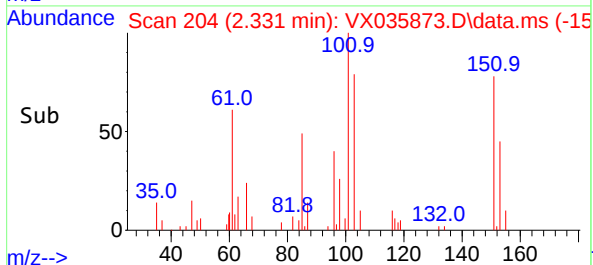
Tgt Ion:168 Resp: 203859
Ion Ratio Lower Upper
168 100
99 61.5 45.7 68.5

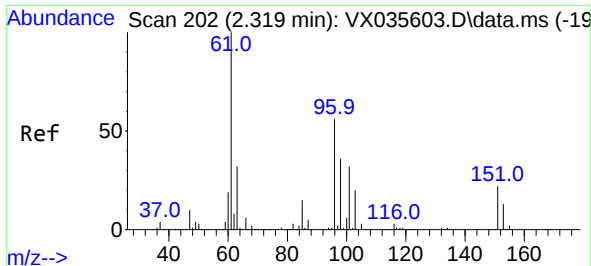


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.127 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57



Tgt Ion:101 Resp: 9857
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 72.6 60.2 90.4

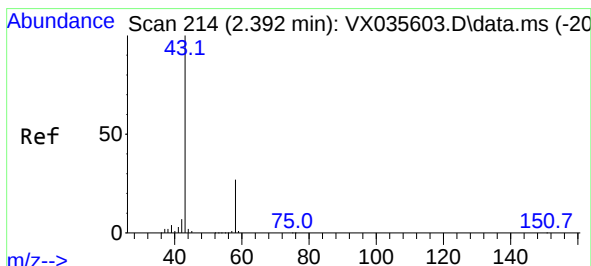
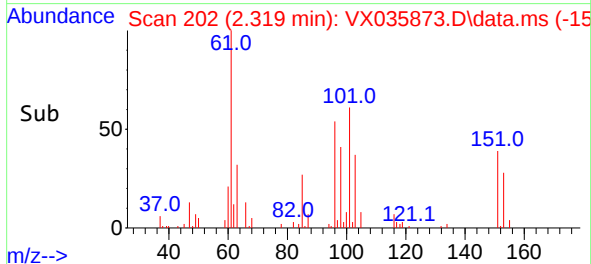
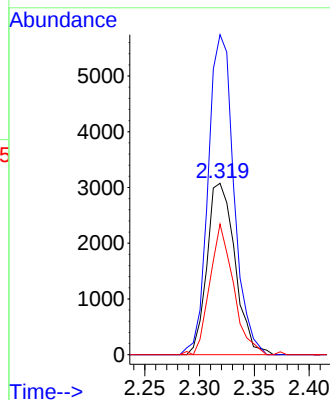
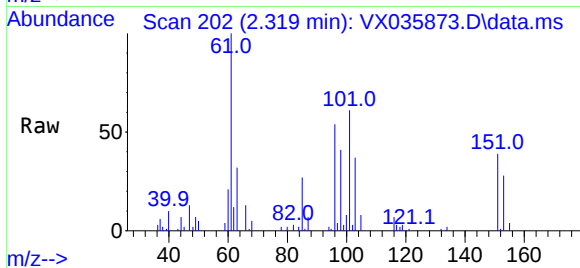




#12
1,1-Dichloroethene
Concen: 2.396 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

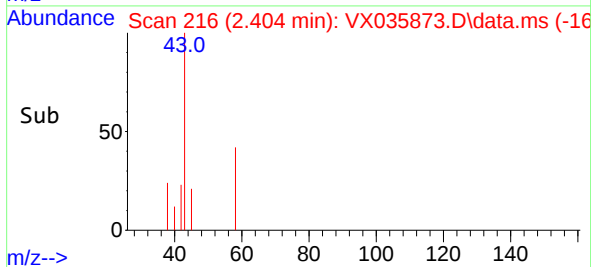
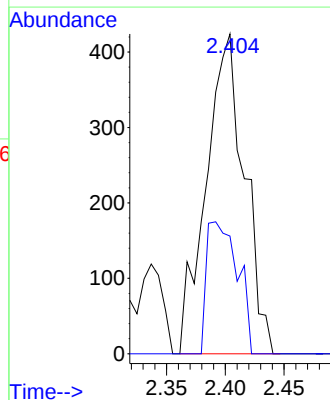
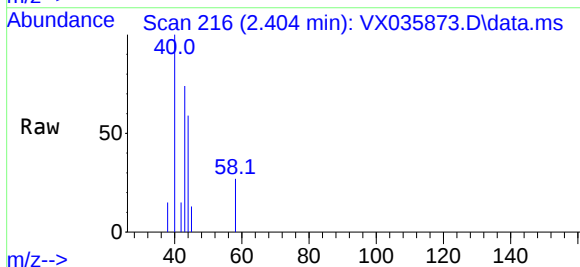
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

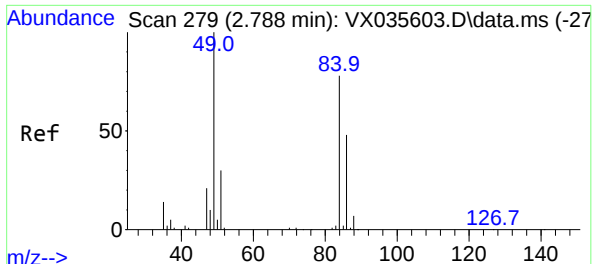
Tgt Ion: 96 Resp: 5439
Ion Ratio Lower Upper
96 100
61 186.7 128.8 193.2
98 76.2 51.4 77.0



#16
Acetone
Concen: 0.631 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 36.8 24.7 37.1



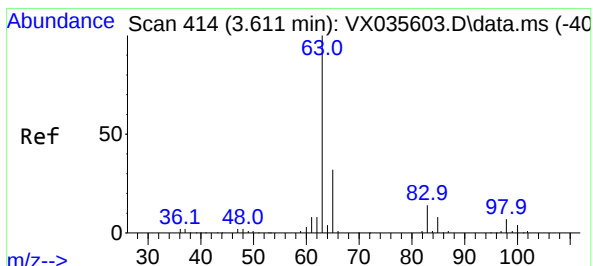
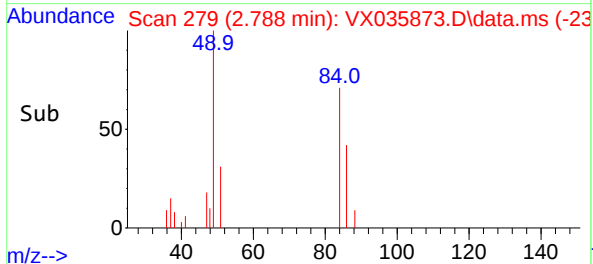
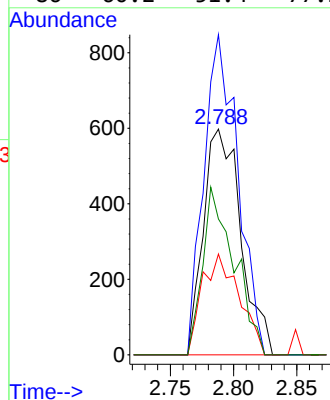
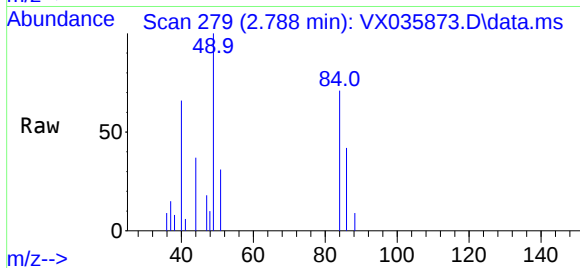


#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

Tgt Ion: 84 Resp: 1232

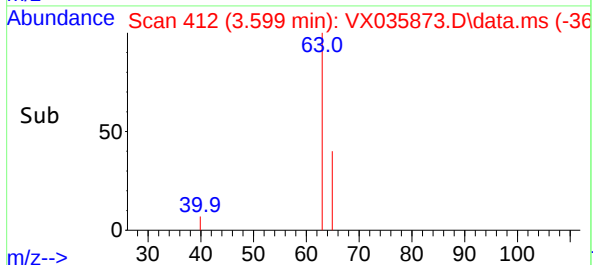
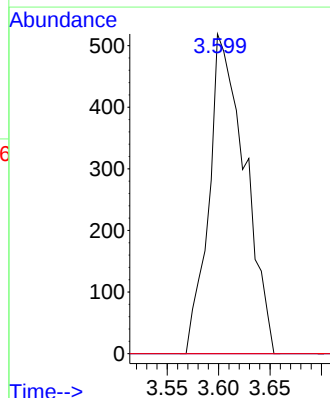
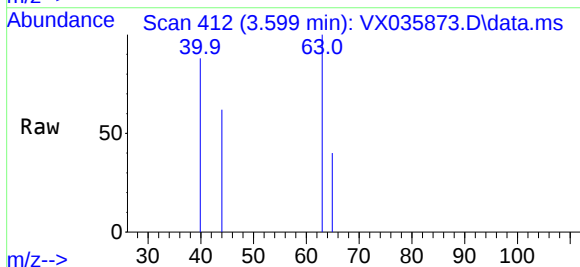
Ion	Ratio	Lower	Upper
84	100		
49	141.8	103.8	155.8
51	44.6	31.8	47.8
86	60.2	51.4	77.2

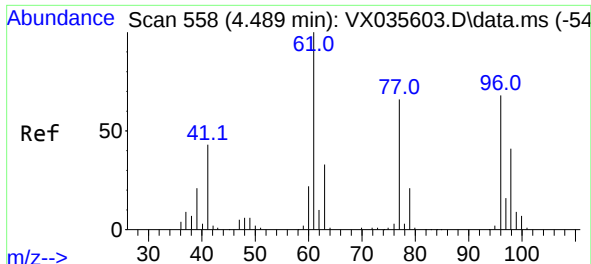


#24
1,1-Dichloroethane
Concen: 0.248 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.012 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 63 Resp: 1263

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.4	7.1#



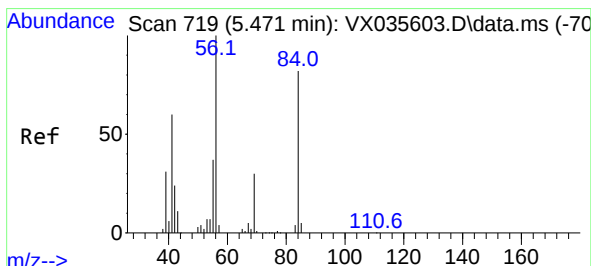
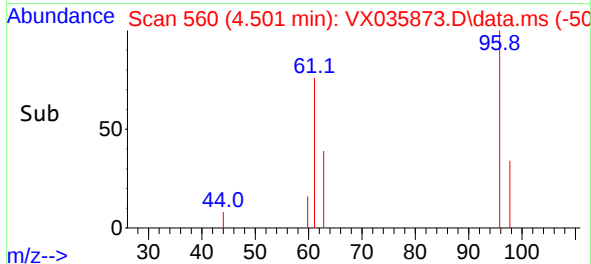
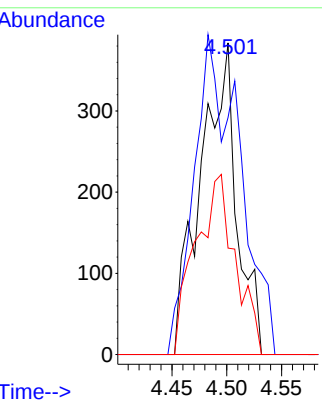
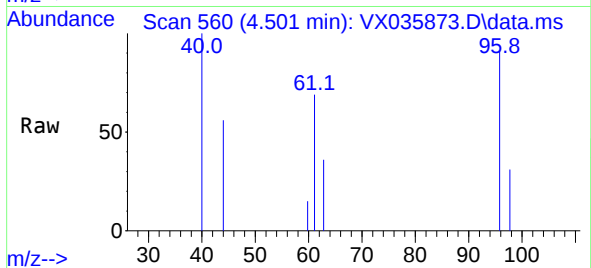


#27
cis-1,2-Dichloroethene
Concen: 0.293 ug/l
RT: 4.501 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

Tgt Ion: 96 Resp: 876

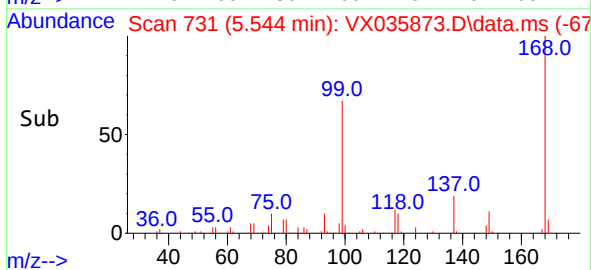
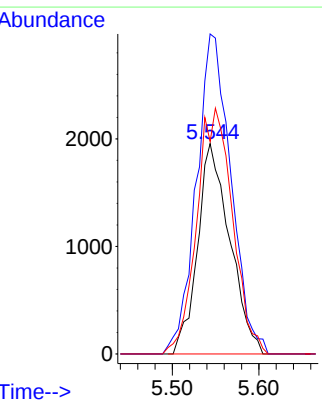
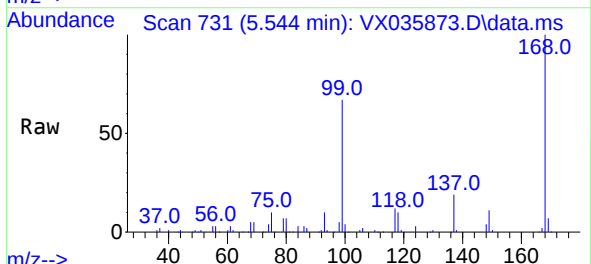
Ion	Ratio	Lower	Upper
96	100		
61	75.2	0.0	300.4
98	63.6	0.0	129.0

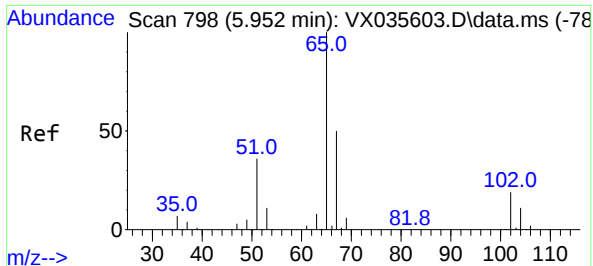


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 56 Resp: 5045

Ion	Ratio	Lower	Upper
56	100		
69	152.1	23.7	35.5#
84	101.0	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 43.202 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035873.D

Acq: 25 May 2023 22:57

Instrument :

MSVOA_X

ClientSampleId :

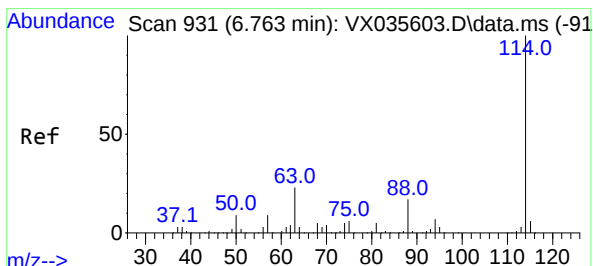
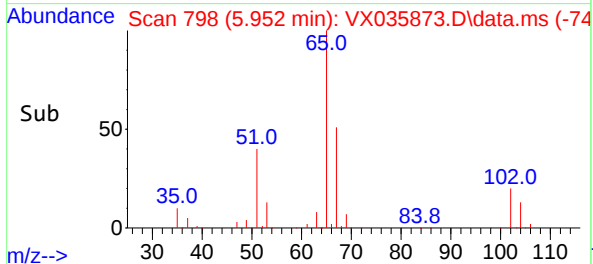
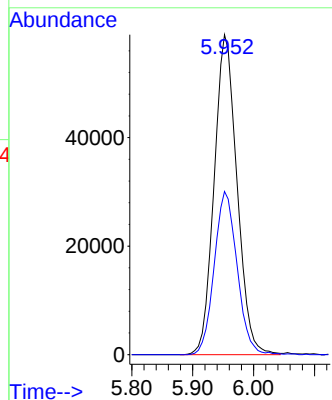
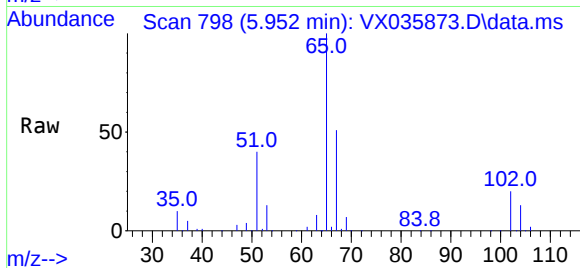
RE115D2-20230522

Tgt Ion: 65 Resp: 153642

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035873.D

Acq: 25 May 2023 22:57

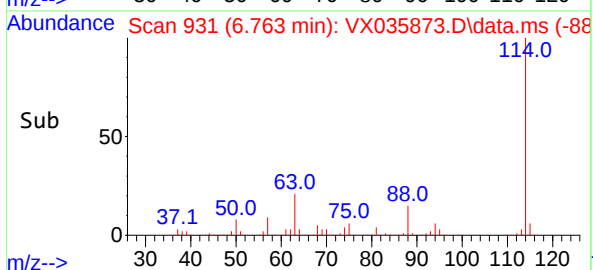
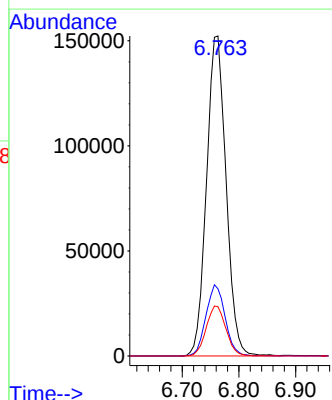
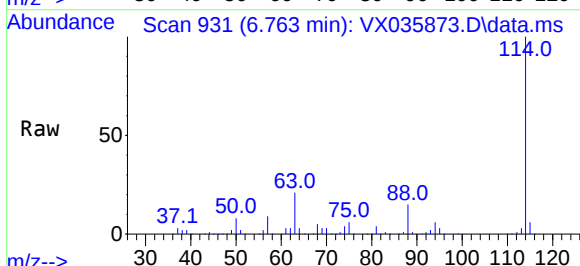
Tgt Ion: 114 Resp: 364605

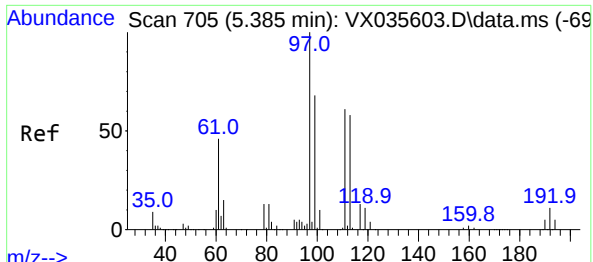
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 15.4 0.0 33.2

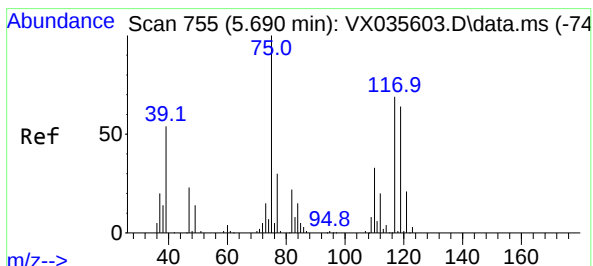
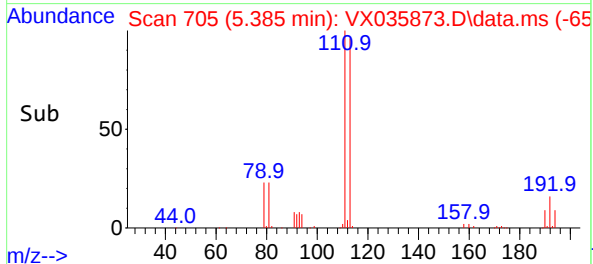
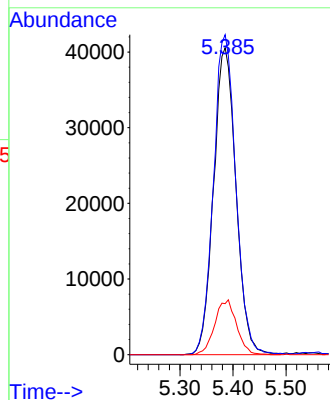
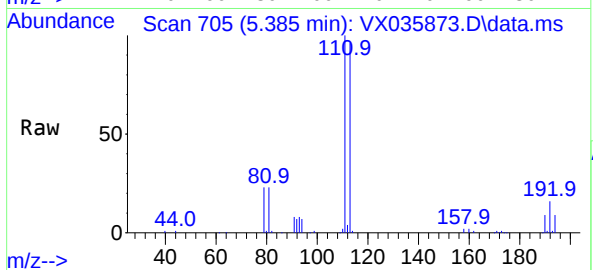




#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

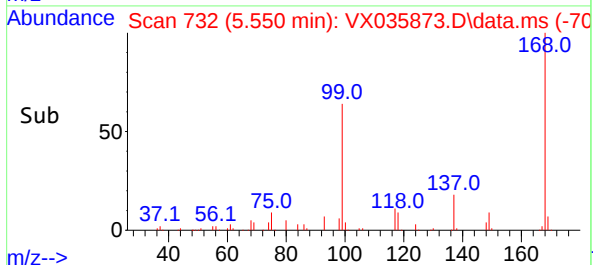
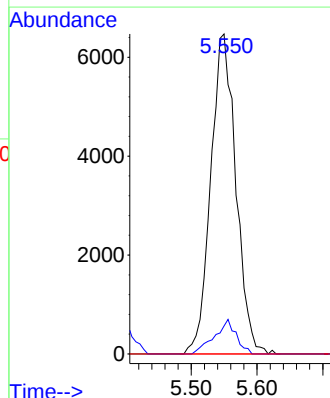
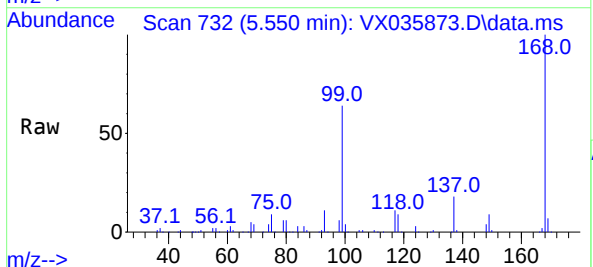
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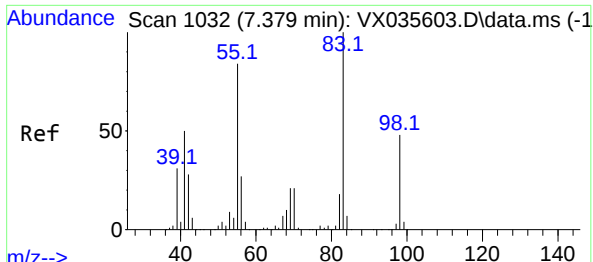
Tgt Ion:113 Resp: 118896
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 17.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.438 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 75 Resp: 17225
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#





#39

Methylcyclohexane

Concen: 0.624 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX035873.D

Acq: 25 May 2023 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230522

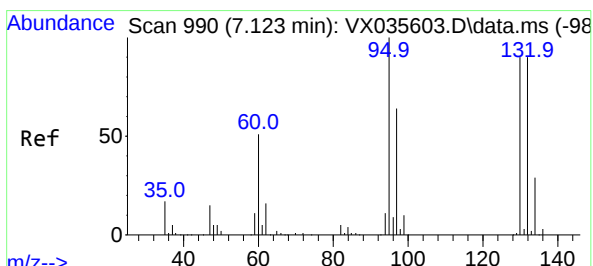
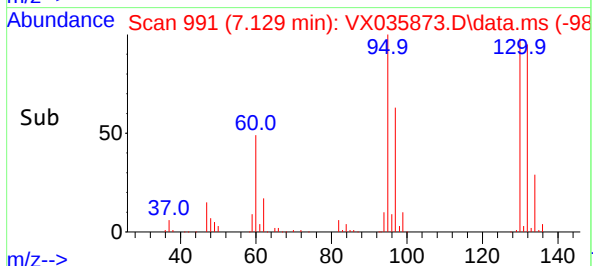
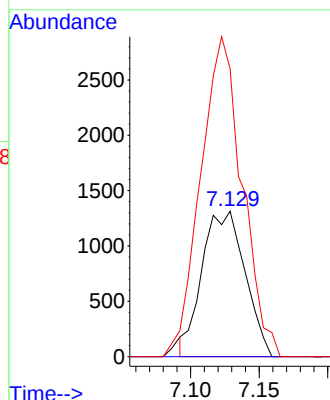
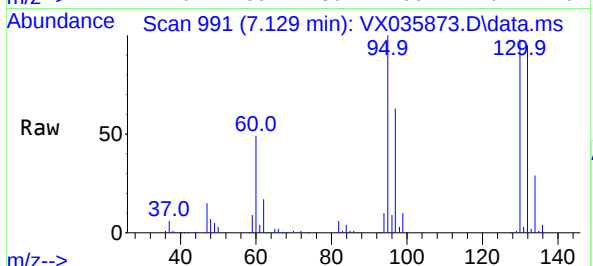
Tgt Ion: 83 Resp: 2850

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 197.9 40.4 60.6#



#44

Trichloroethene

Concen: 81.631 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035873.D

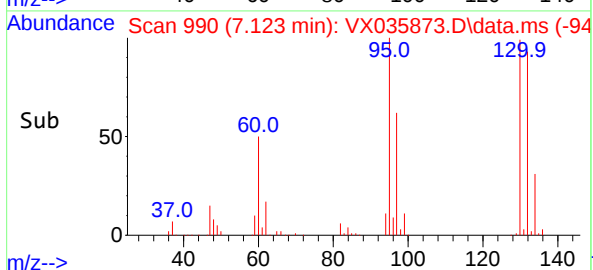
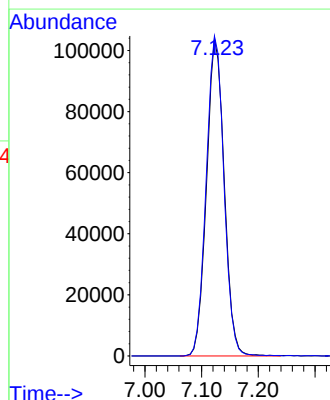
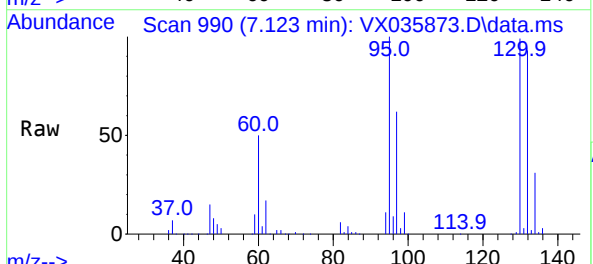
Acq: 25 May 2023 22:57

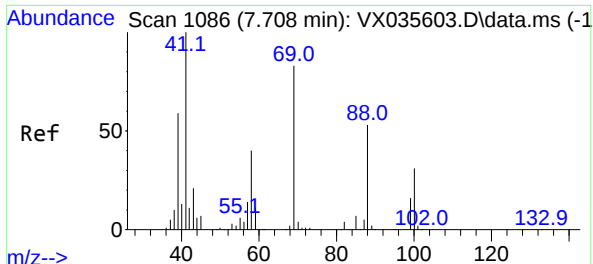
Tgt Ion:130 Resp: 224741

Ion Ratio Lower Upper

130 100

95 100.6 0.0 198.4

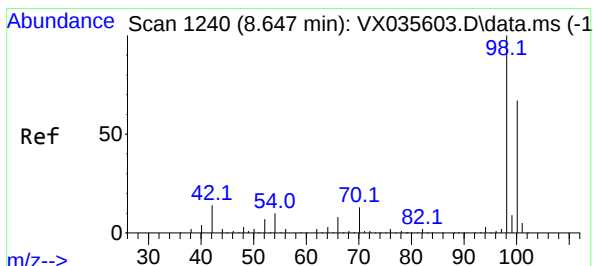
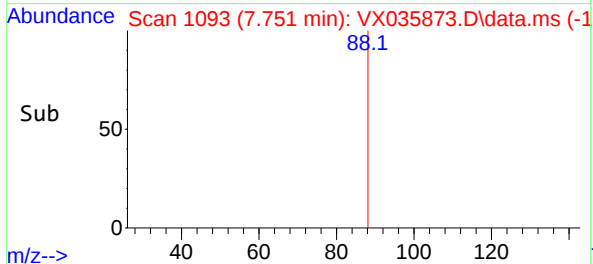
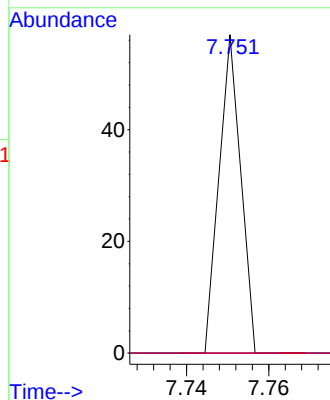
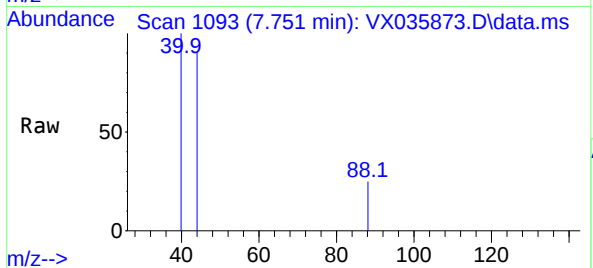




#49
1,4-Dioxane
Concen: 2.273 ug/l
RT: 7.751 min Scan# 1086
Delta R.T. 0.043 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

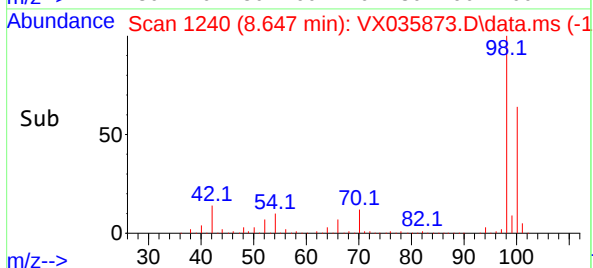
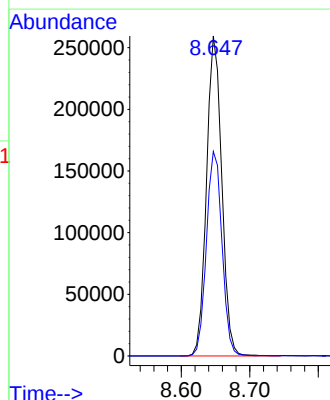
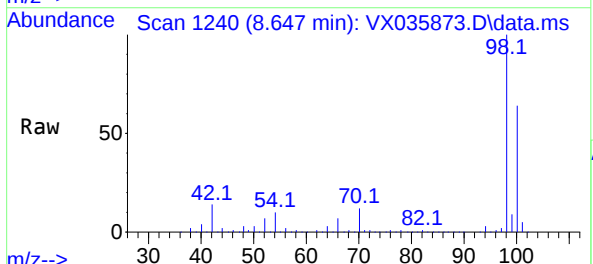
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

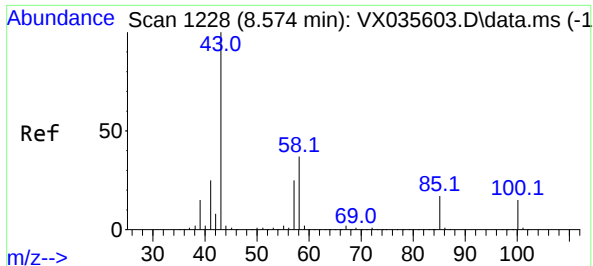
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 44.262 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 98 Resp: 402067
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

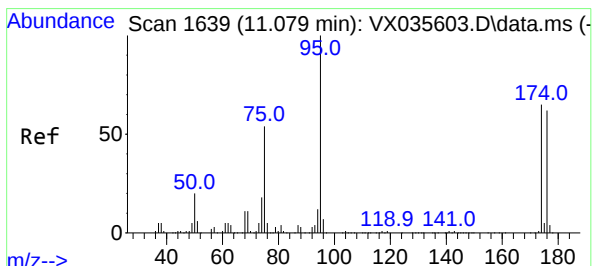
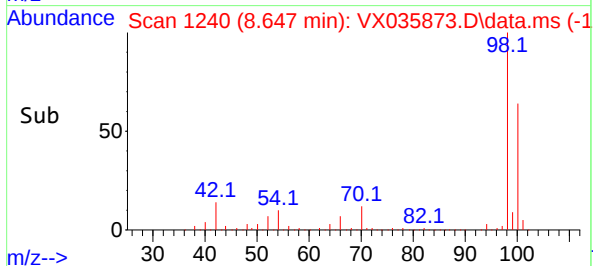
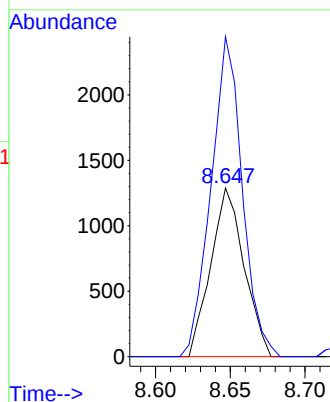
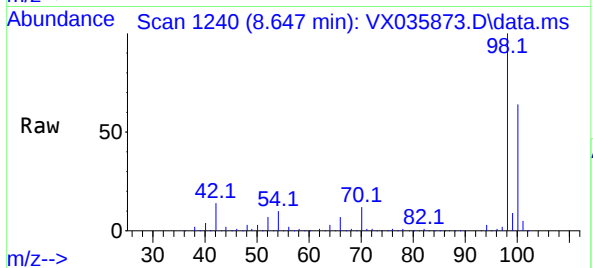




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

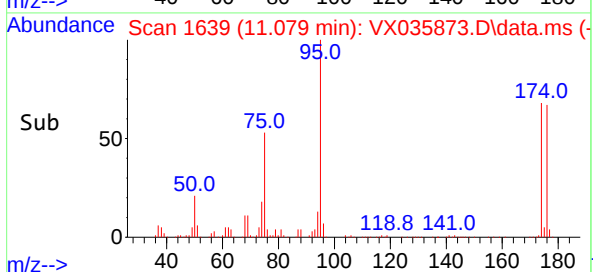
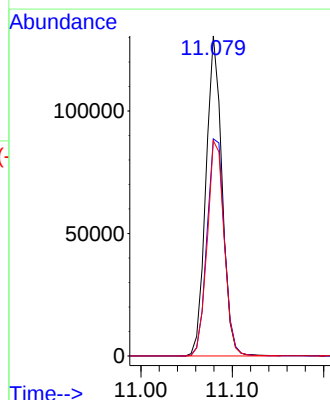
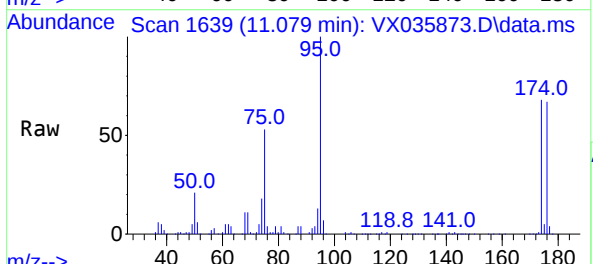
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

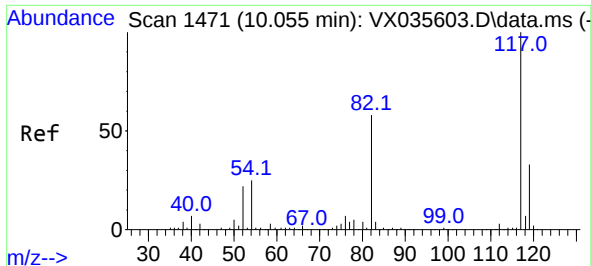
Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 178.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 43.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 95 Resp: 159597
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 70.7 0.0 140.6

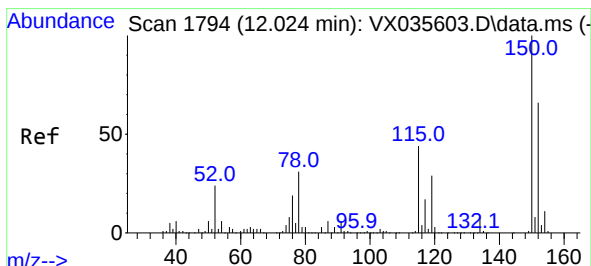
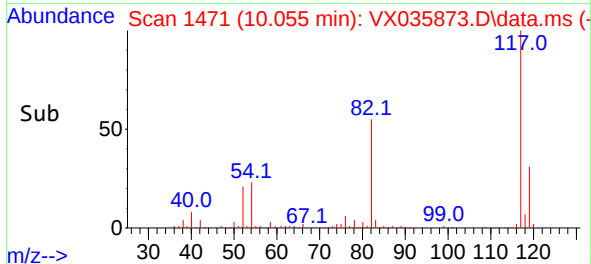
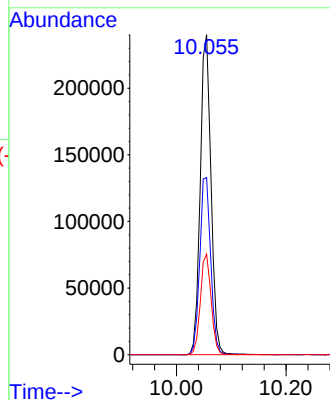
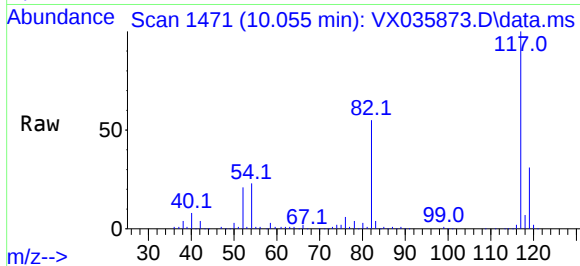




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

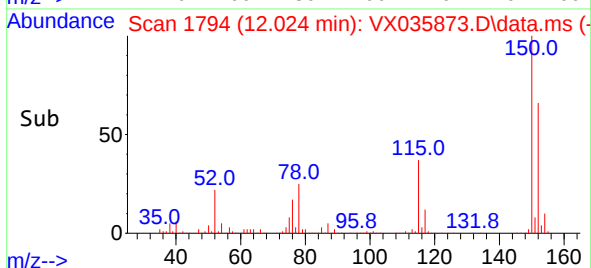
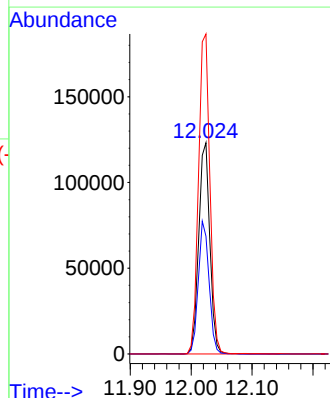
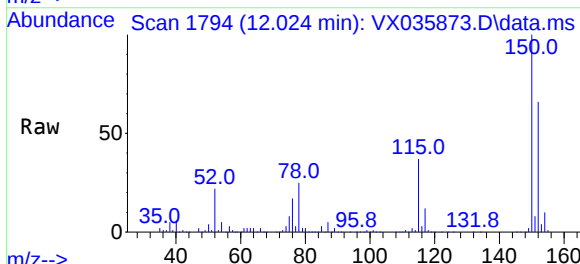
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

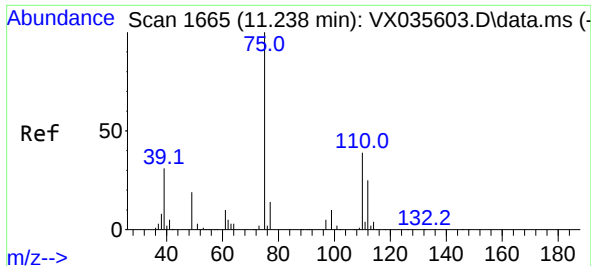
Tgt Ion:117 Resp: 327634
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion:152 Resp: 156280
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 154.3 0.0 352.4

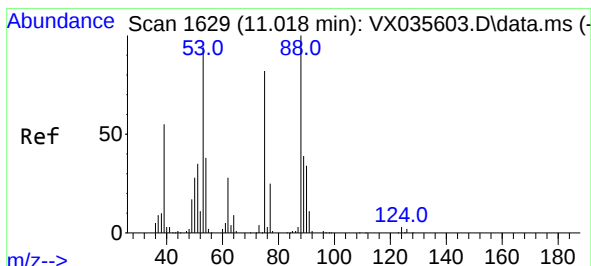
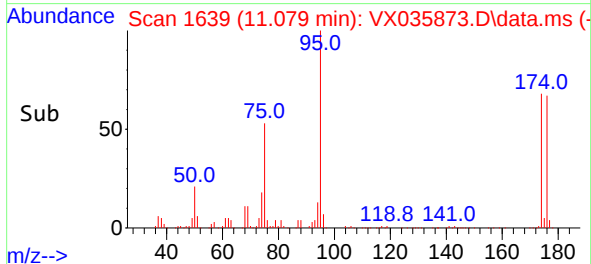
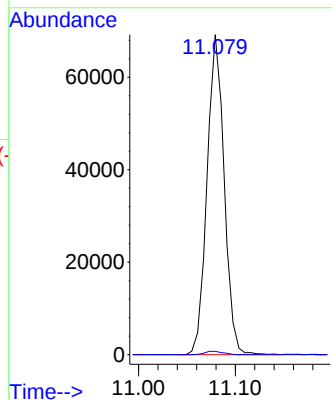
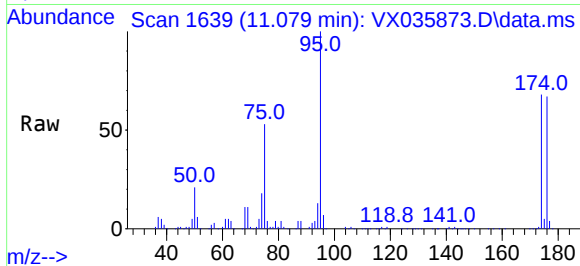




#76
1,2,3-Trichloropropane
Concen: 22.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

Tgt Ion: 75 Resp: 85384
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 75 Resp: 85384
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

