

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032988.D
 Acq On : 22 Nov 2022 19:09
 Operator : JC/MD
 Sample : N5729-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20221117DL

Quant Time: Nov 23 05:50:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

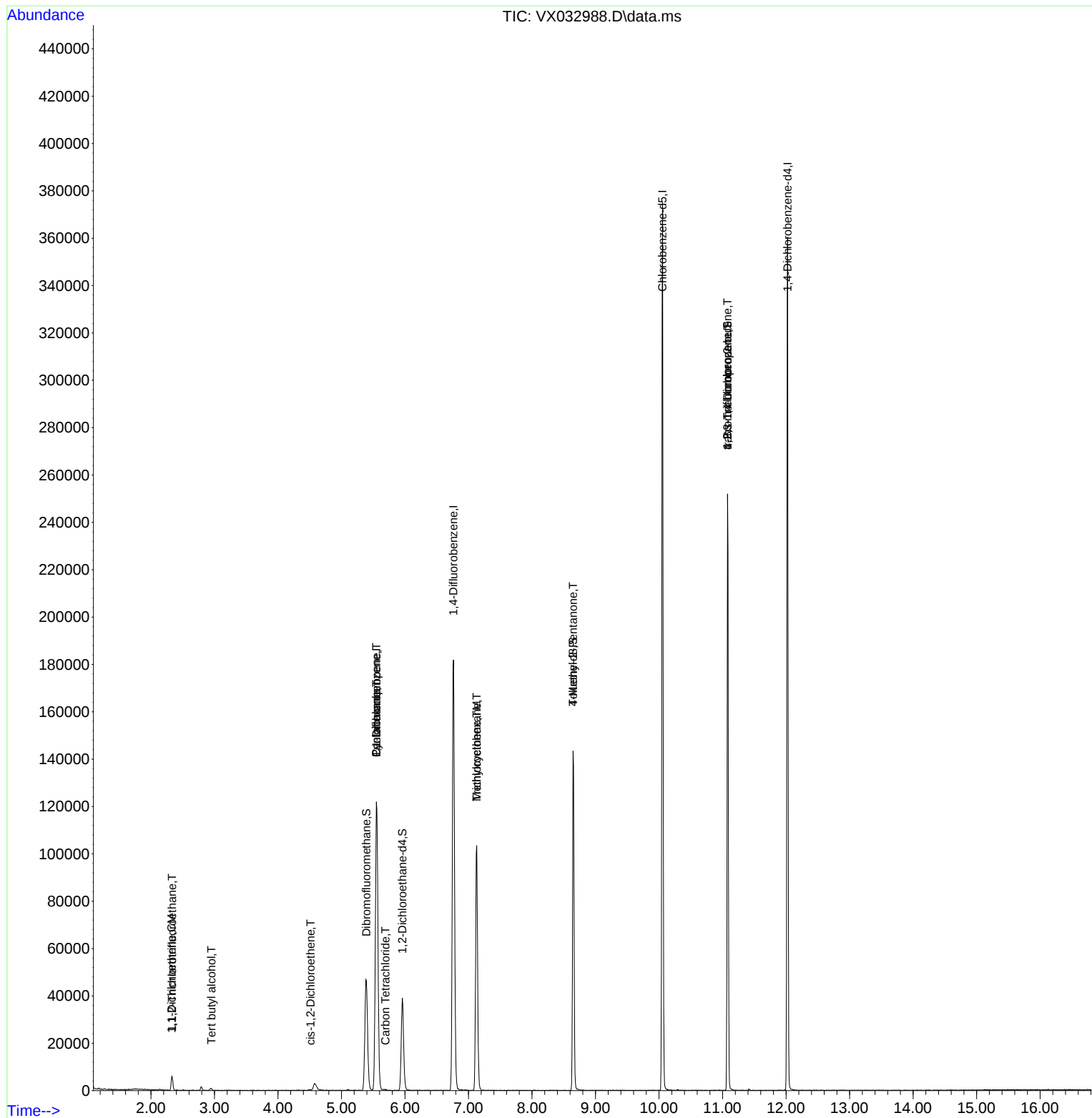
Internal Standards						
1) Pentafluorobenzene	5.550	168	116092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38582	32.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	65.880%#
35) Dibromofluoromethane	5.391	113	41890	39.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.040%
50) Toluene-d8	8.647	98	86903	26.225	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	52.460%#
62) 4-Bromofluorobenzene	11.079	95	63716	45.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.520%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1886	1.734	ug/l	98
11) Tert butyl alcohol	2.953	59	528	2.946	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	704	0.695	ug/l	94
20) Methylene Chloride	2.794	84	749	Below Cal		92
27) cis-1,2-Dichloroethene	4.513	96	275	0.209	ug/l	19
31) Cyclohexane	5.550	56	2621	1.431	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	9052	5.341	ug/l #	50
38) Carbon Tetrachloride	5.690	117	388	0.206	ug/l #	57
39) Methylcyclohexane	7.129	83	478	0.247	ug/l #	1
44) Trichloroethene	7.129	130	39692	29.769	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	435	0.288	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34956	24.793	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34956	80.588	ug/l #	6

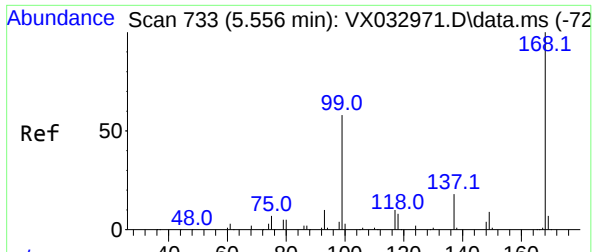
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032988.D
Acq On : 22 Nov 2022 19:09
Operator : JC/MD
Sample : N5729-05DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

Quant Time: Nov 23 05:50:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

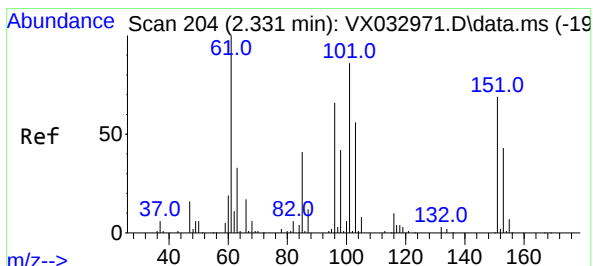
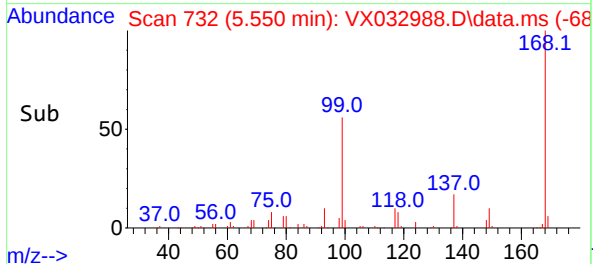
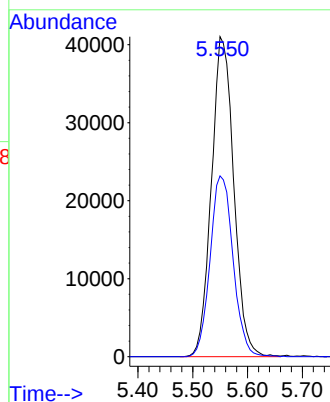
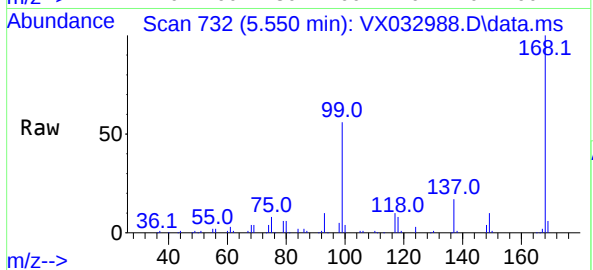




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

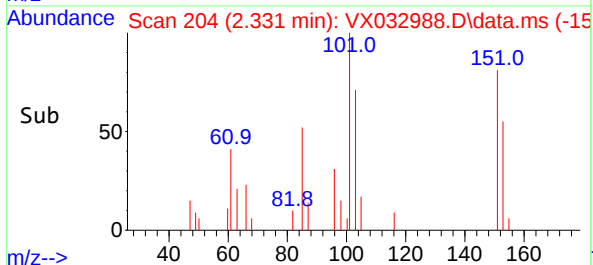
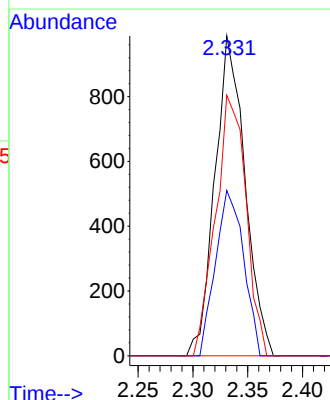
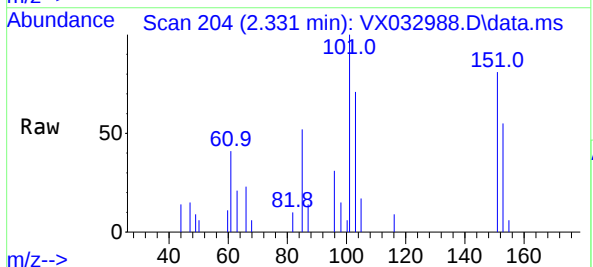
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

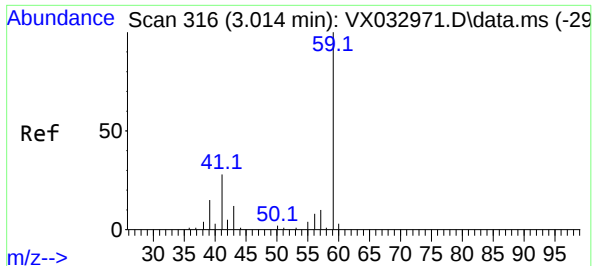
Tgt Ion:168 Resp: 116092
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.734 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Tgt Ion:101 Resp: 1886
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.4
151 82.2 64.4 96.6





#11

Tert butyl alcohol

Concen: 2.946 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

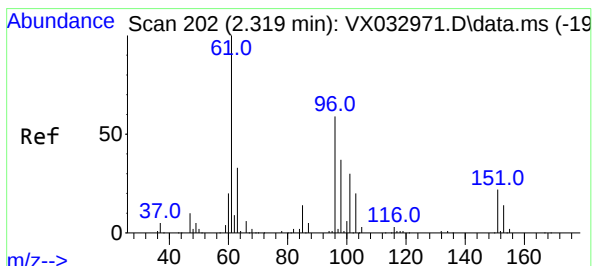
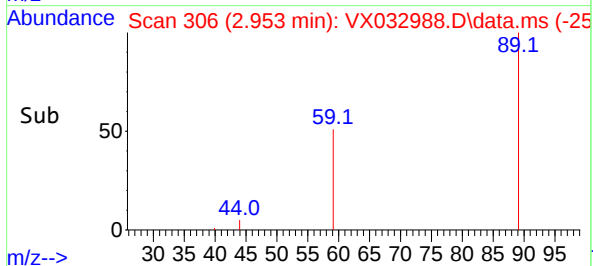
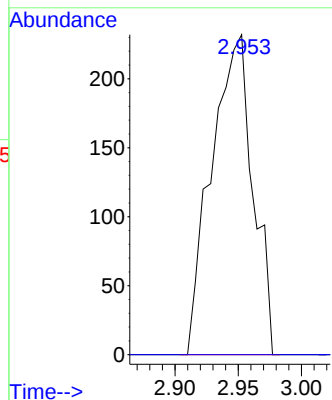
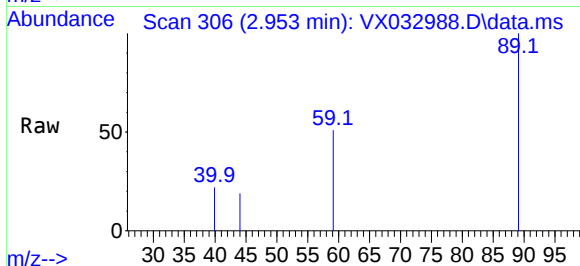
RE115D1-20221117DL

Tgt Ion: 59 Resp: 528

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.695 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

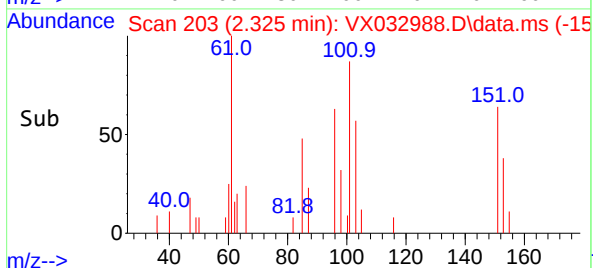
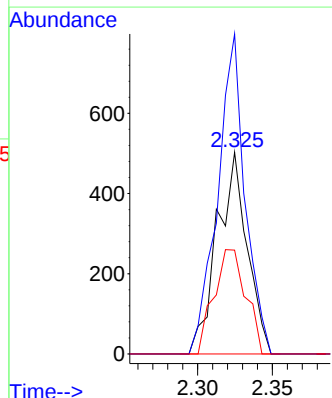
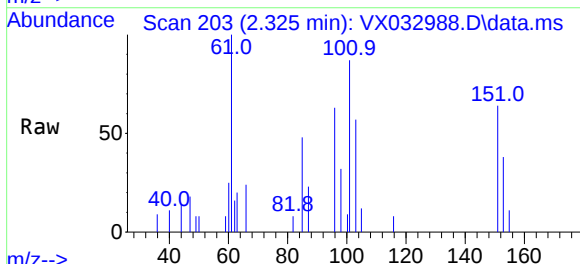
Tgt Ion: 96 Resp: 704

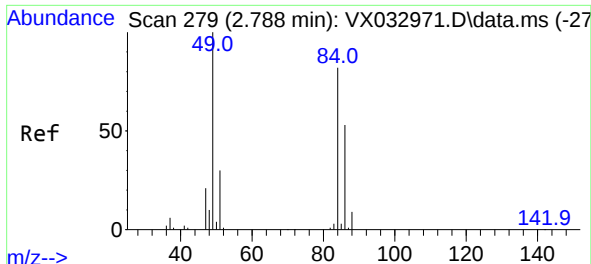
Ion Ratio Lower Upper

96 100

61 158.6 125.1 187.7

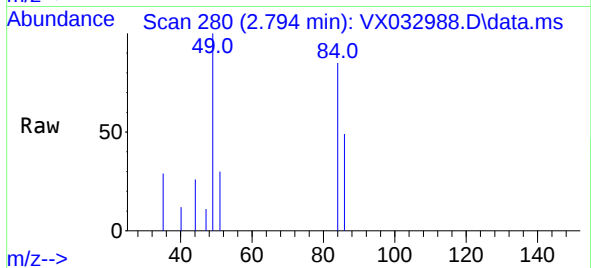
98 51.5 50.6 76.0





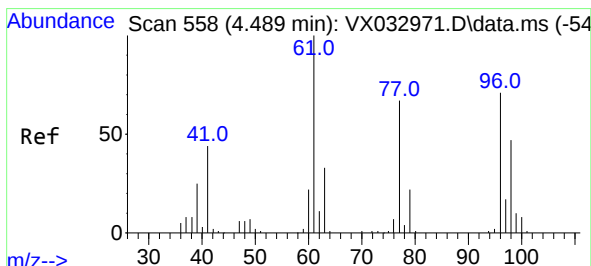
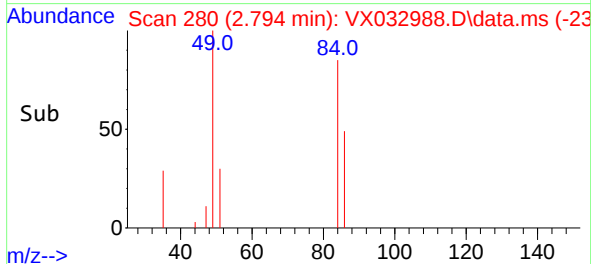
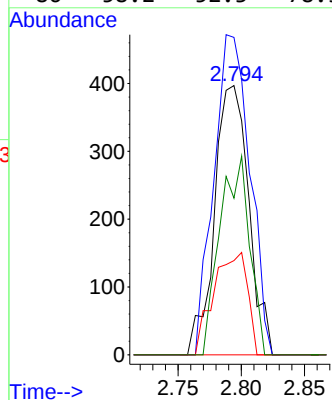
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL



Tgt Ion: 84 Resp: 749

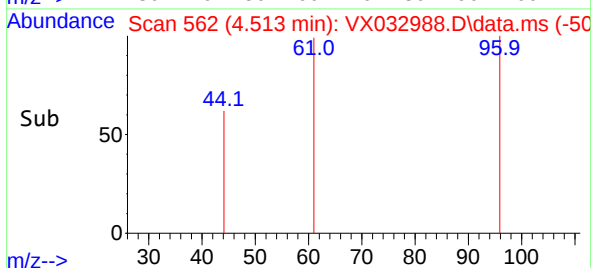
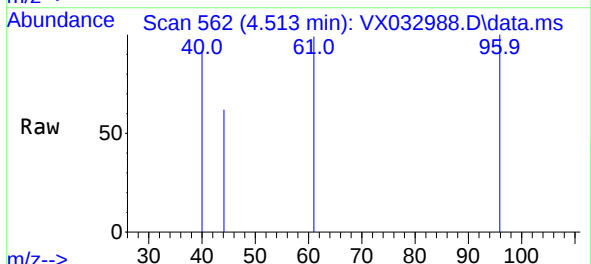
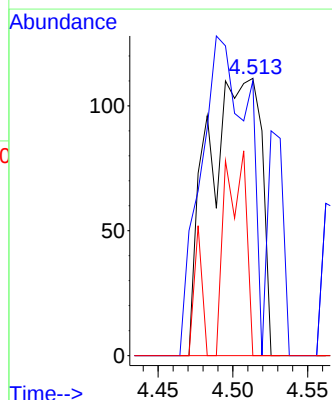
Ion	Ratio	Lower	Upper
84	100		
49	117.9	101.0	151.6
51	35.0	31.1	46.7
86	58.2	52.3	78.5

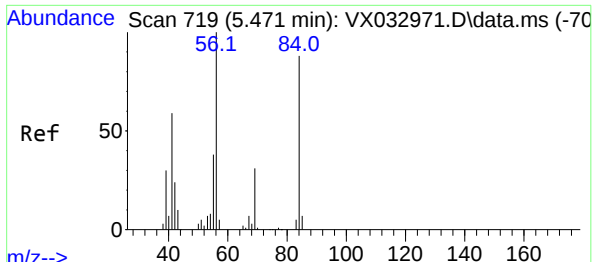


#27
cis-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.024 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 96 Resp: 275

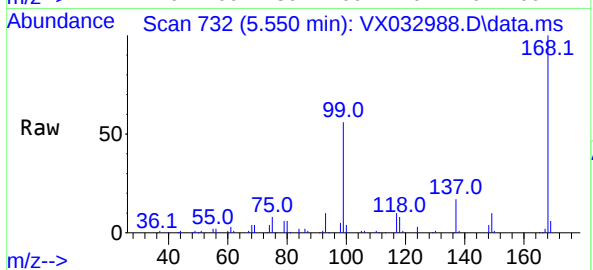
Ion	Ratio	Lower	Upper
96	100		
61	23.6	0.0	286.0
98	28.7	0.0	129.6



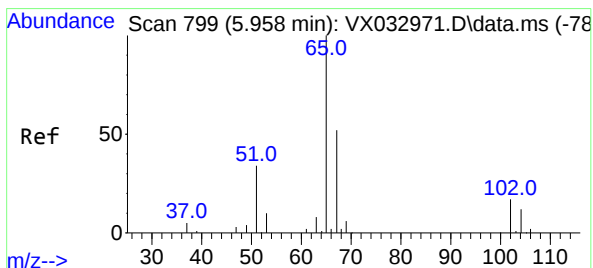
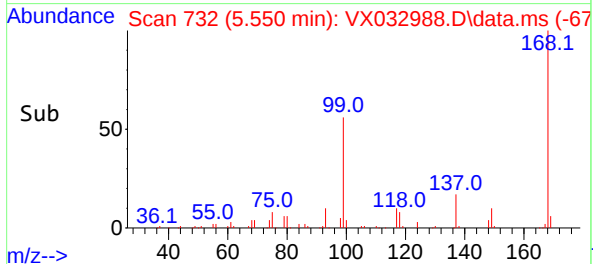
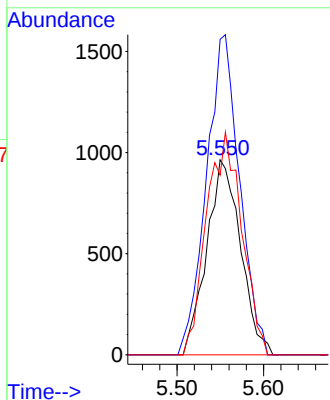


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

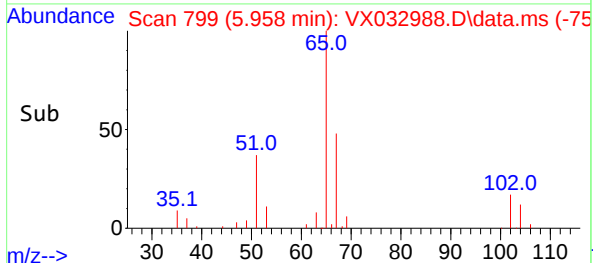
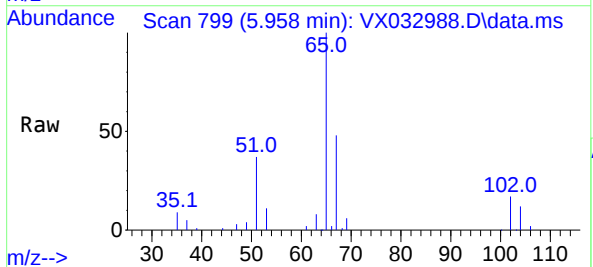
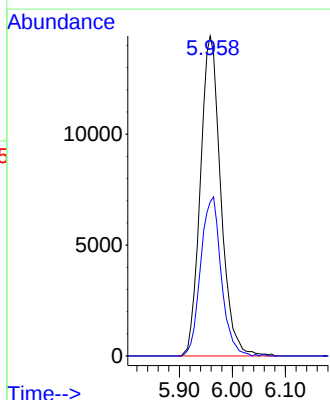


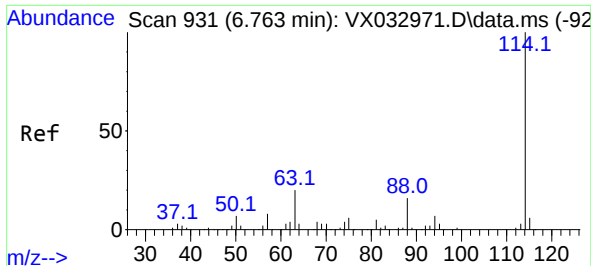
Tgt Ion: 56 Resp: 2621
Ion Ratio Lower Upper
56 100
69 161.8 24.1 36.1#
84 92.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 32.942 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 65 Resp: 38582
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

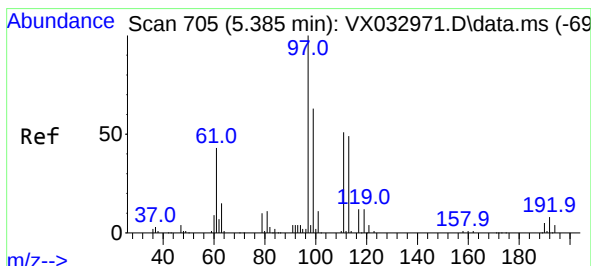
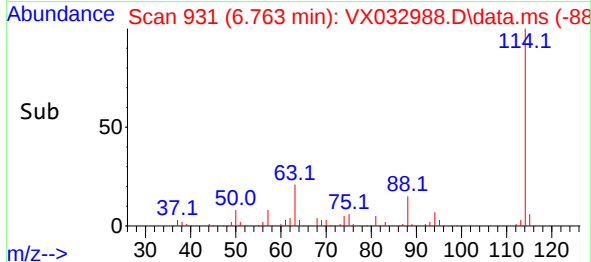
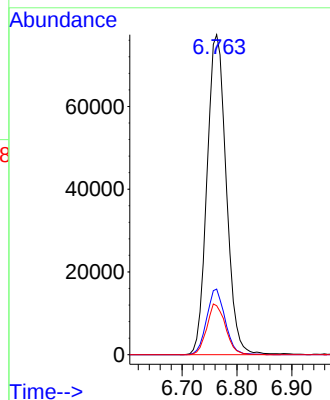
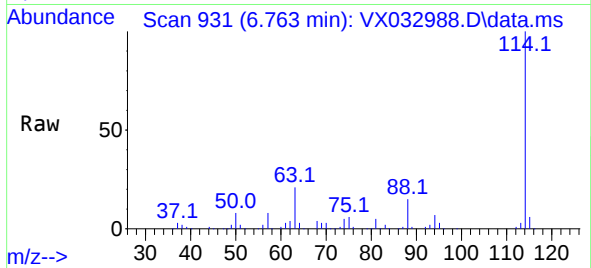




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

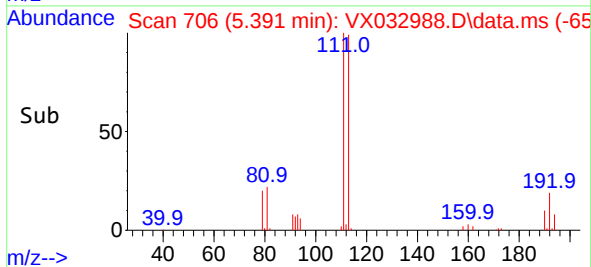
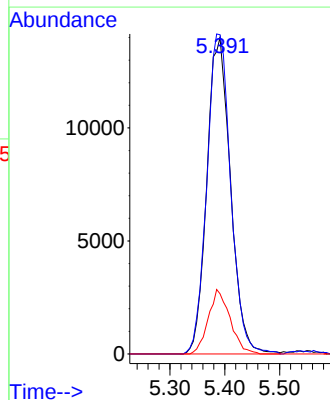
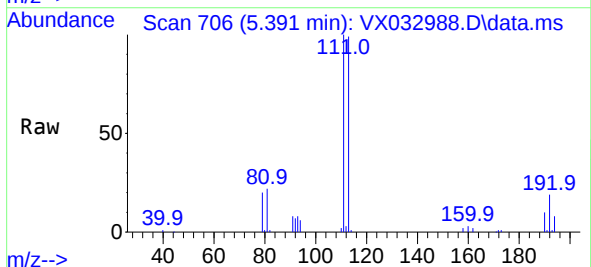
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

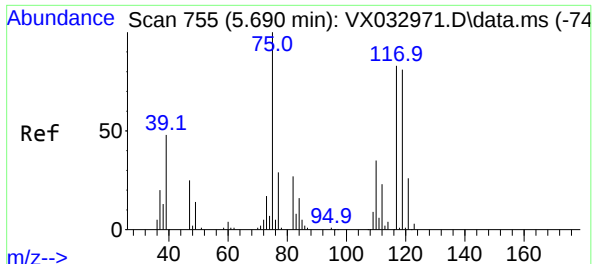
Tgt Ion:114 Resp: 187999
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 39.524 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Tgt Ion:113 Resp: 41890
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20221117DL

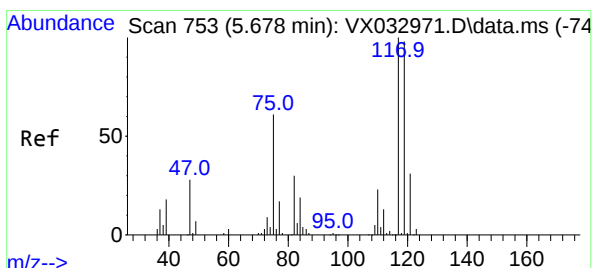
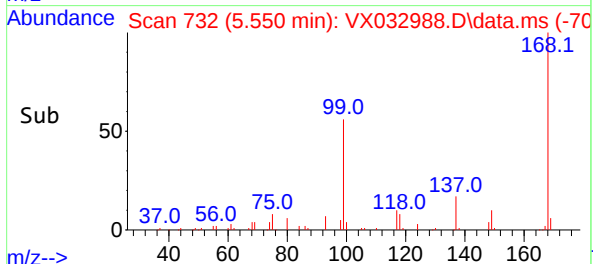
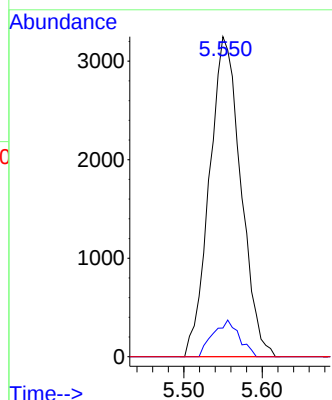
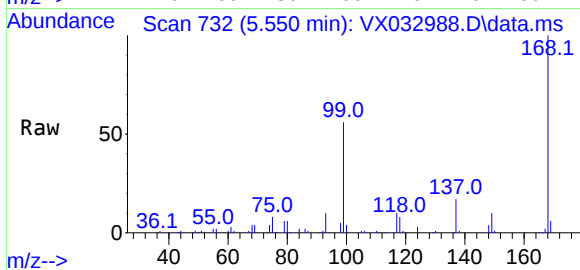
Tgt Ion: 75 Resp: 9052

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 0.206 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

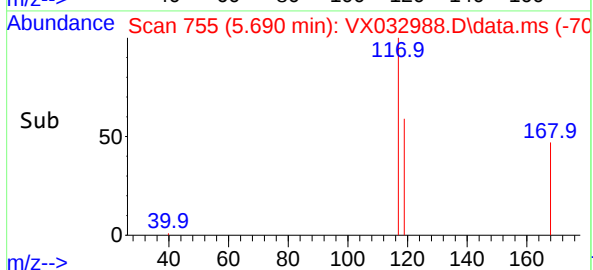
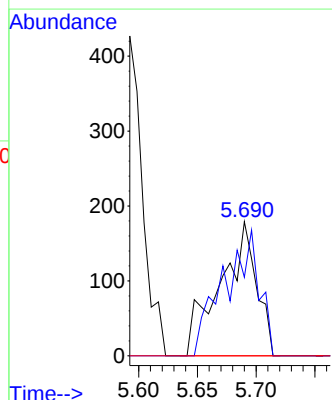
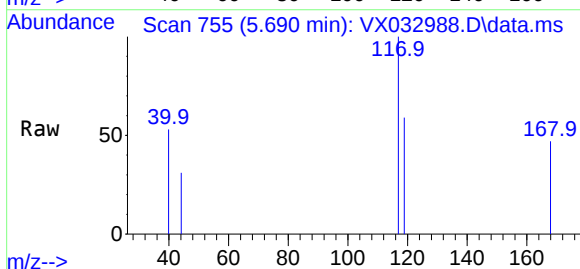
Tgt Ion: 117 Resp: 388

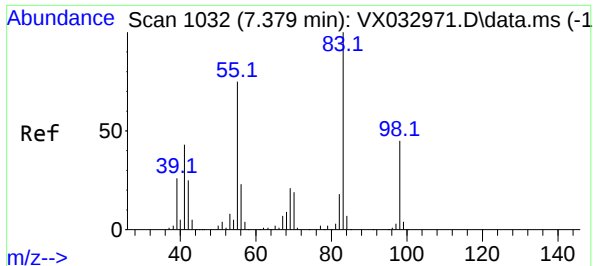
Ion Ratio Lower Upper

117 100

119 58.7 77.2 115.8#

121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 0.247 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20221117DL

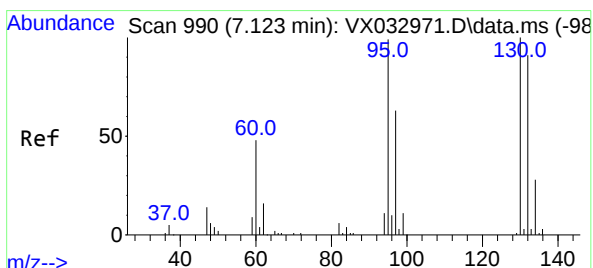
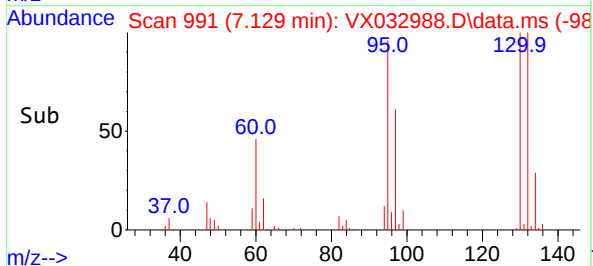
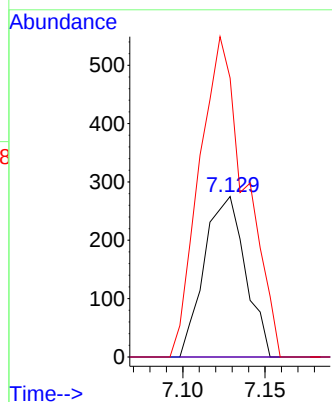
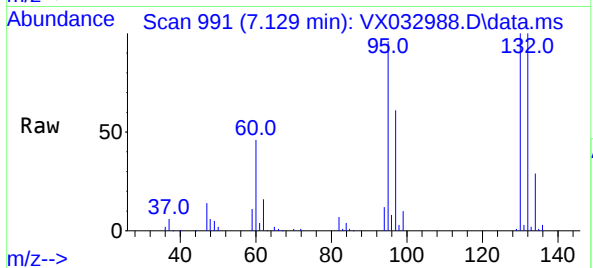
Tgt Ion: 83 Resp: 478

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 173.8 37.2 55.8#



#44

Trichloroethene

Concen: 29.769 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032988.D

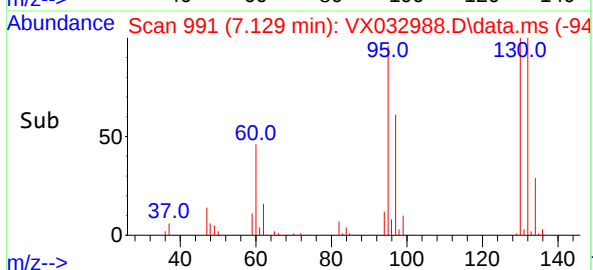
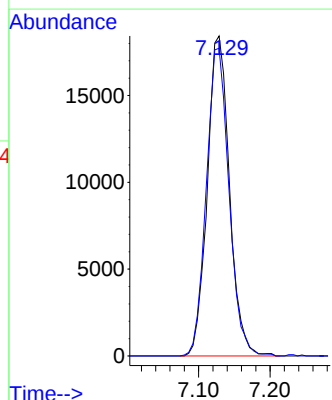
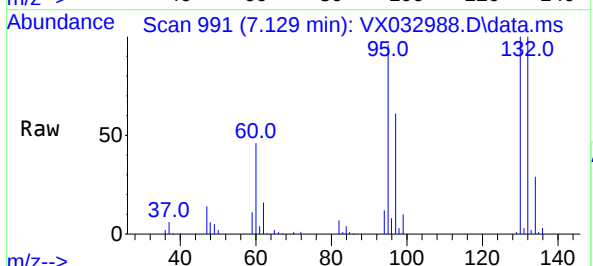
Acq: 22 Nov 2022 19:09

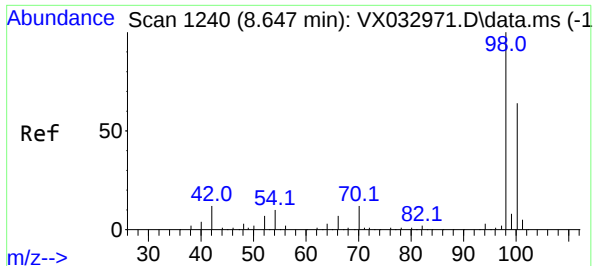
Tgt Ion:130 Resp: 39692

Ion Ratio Lower Upper

130 100

95 96.1 0.0 195.2





#50

Toluene-d8

Concen: 26.225 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032988.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

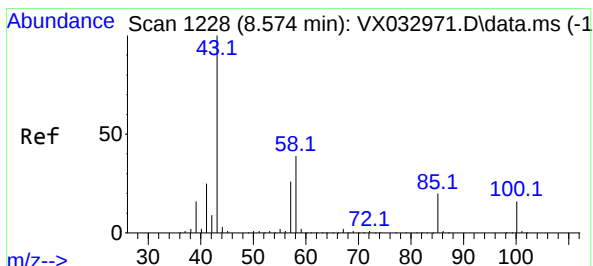
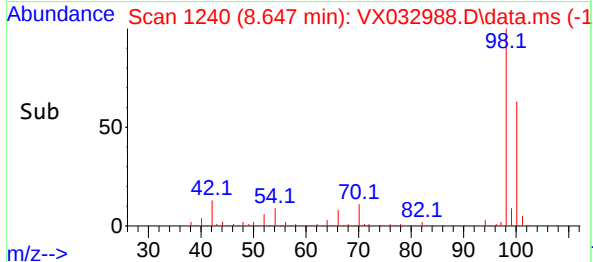
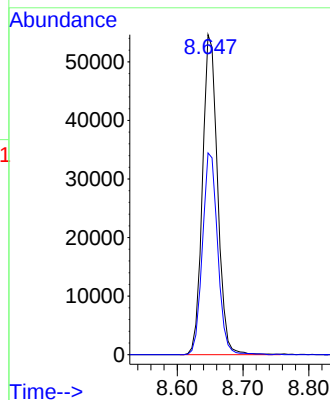
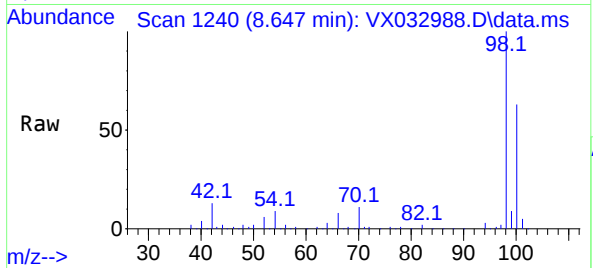
RE115D1-20221117DL

Tgt Ion: 98 Resp: 86903

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.288 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032988.D

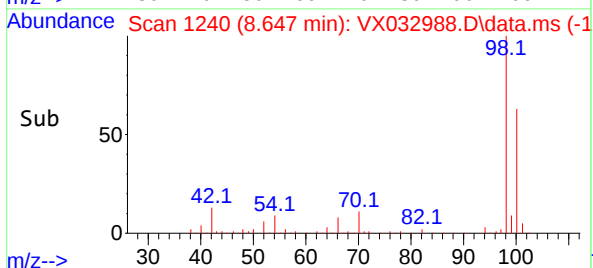
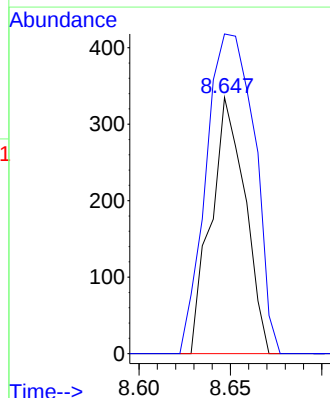
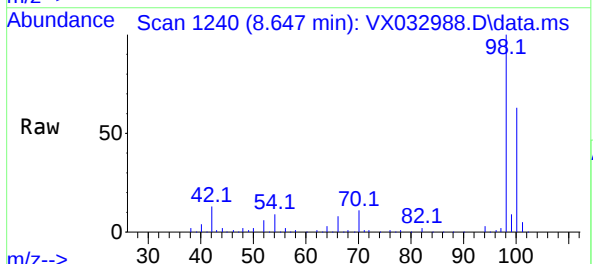
Acq: 22 Nov 2022 19:09

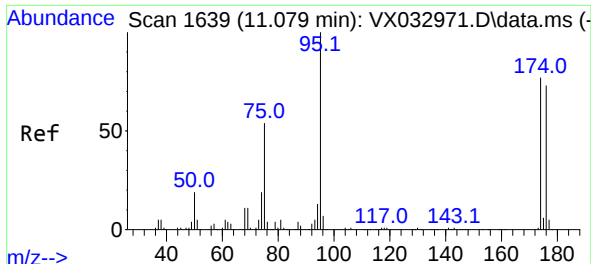
Tgt Ion: 43 Resp: 435

Ion Ratio Lower Upper

43 100

58 176.8 30.9 46.3#

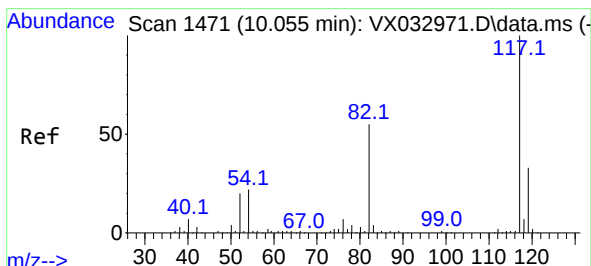
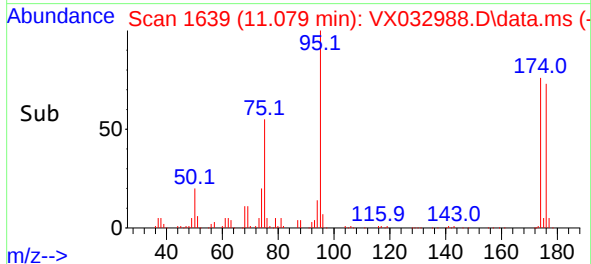
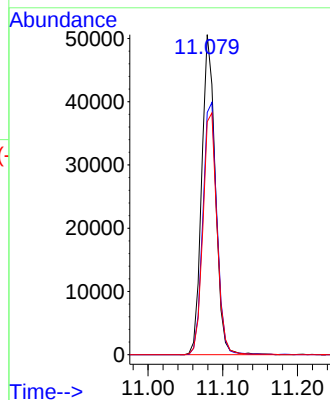
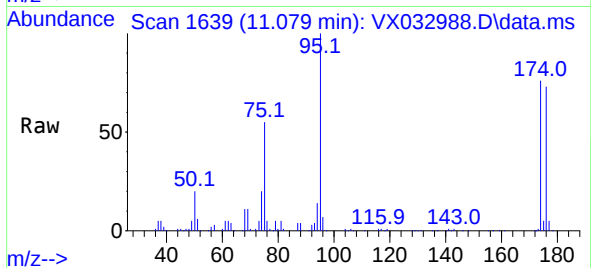




#62
4-Bromofluorobenzene
Concen: 45.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

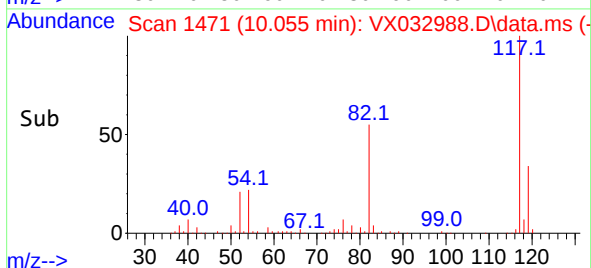
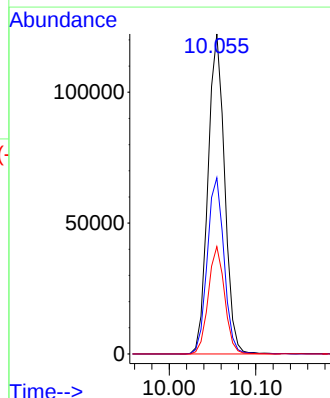
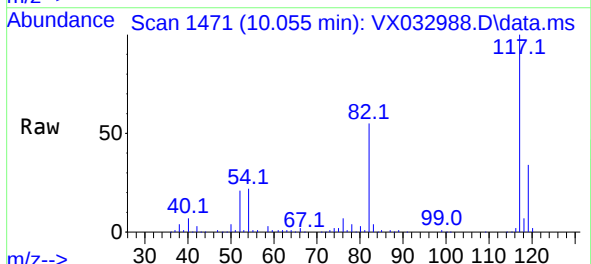
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

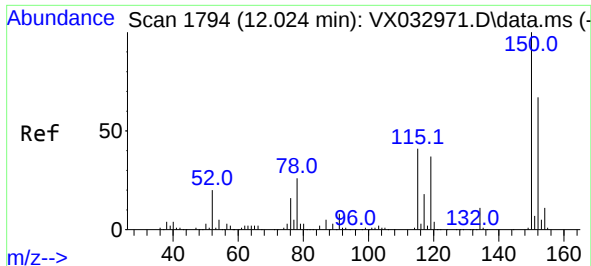
Tgt Ion: 95 Resp: 63716
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 78.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 117 Resp: 163376
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.5 25.7 38.5

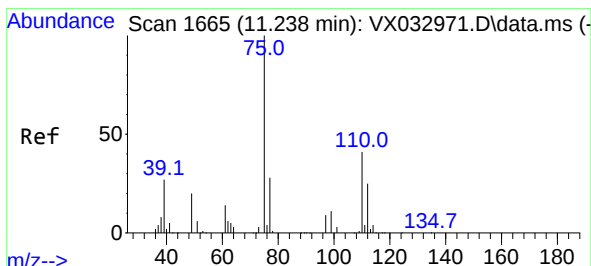
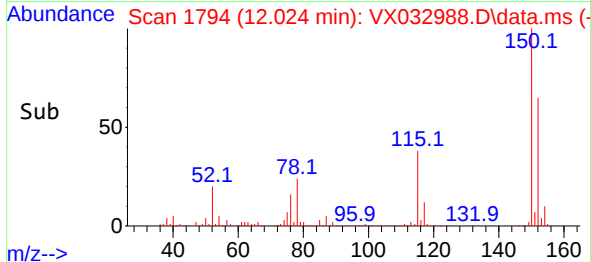
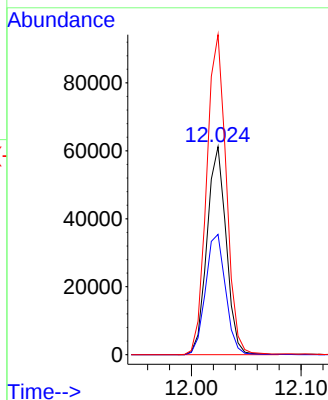
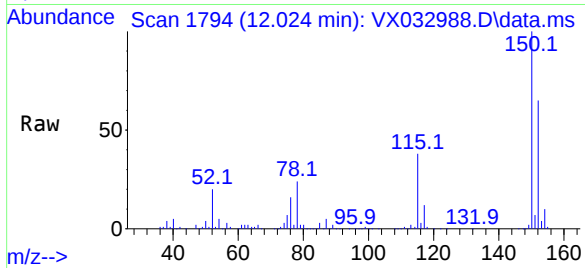




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

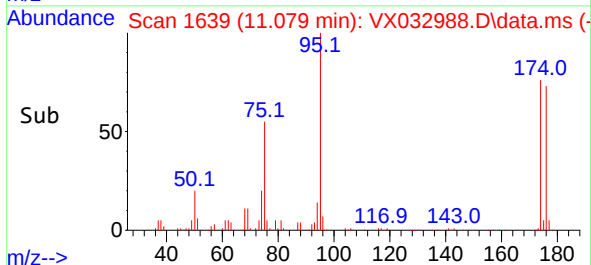
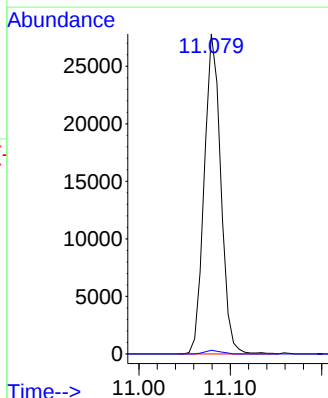
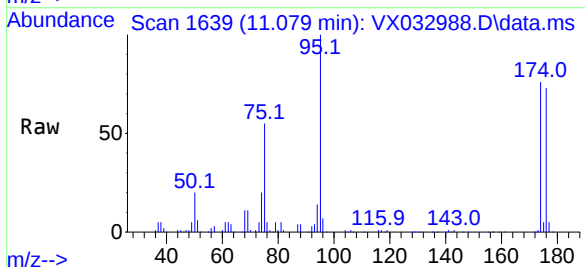
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117DL

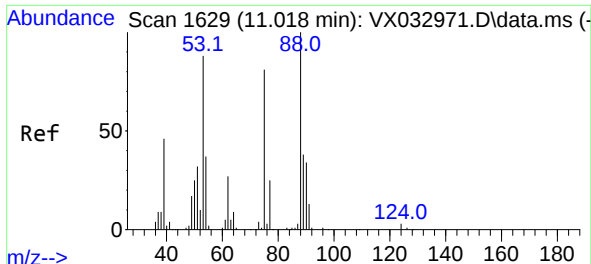
Tgt Ion:152 Resp: 74448
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 157.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032988.D
Acq: 22 Nov 2022 19:09

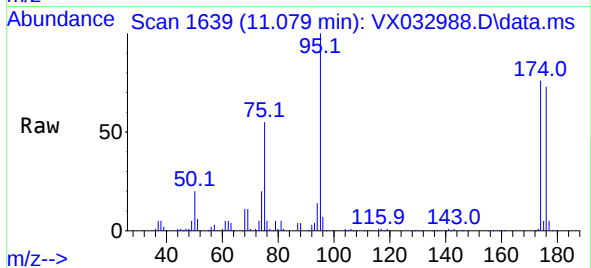
Tgt Ion: 75 Resp: 34956
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.588 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032988.D
 Acq: 22 Nov 2022 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20221117DL



Tgt Ion: 75 Resp: 34956
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

