

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032452.D
 Acq On : 28 Oct 2022 12:19
 Operator : JC/MD
 Sample : N5335-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Oct 29 04:31:42 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

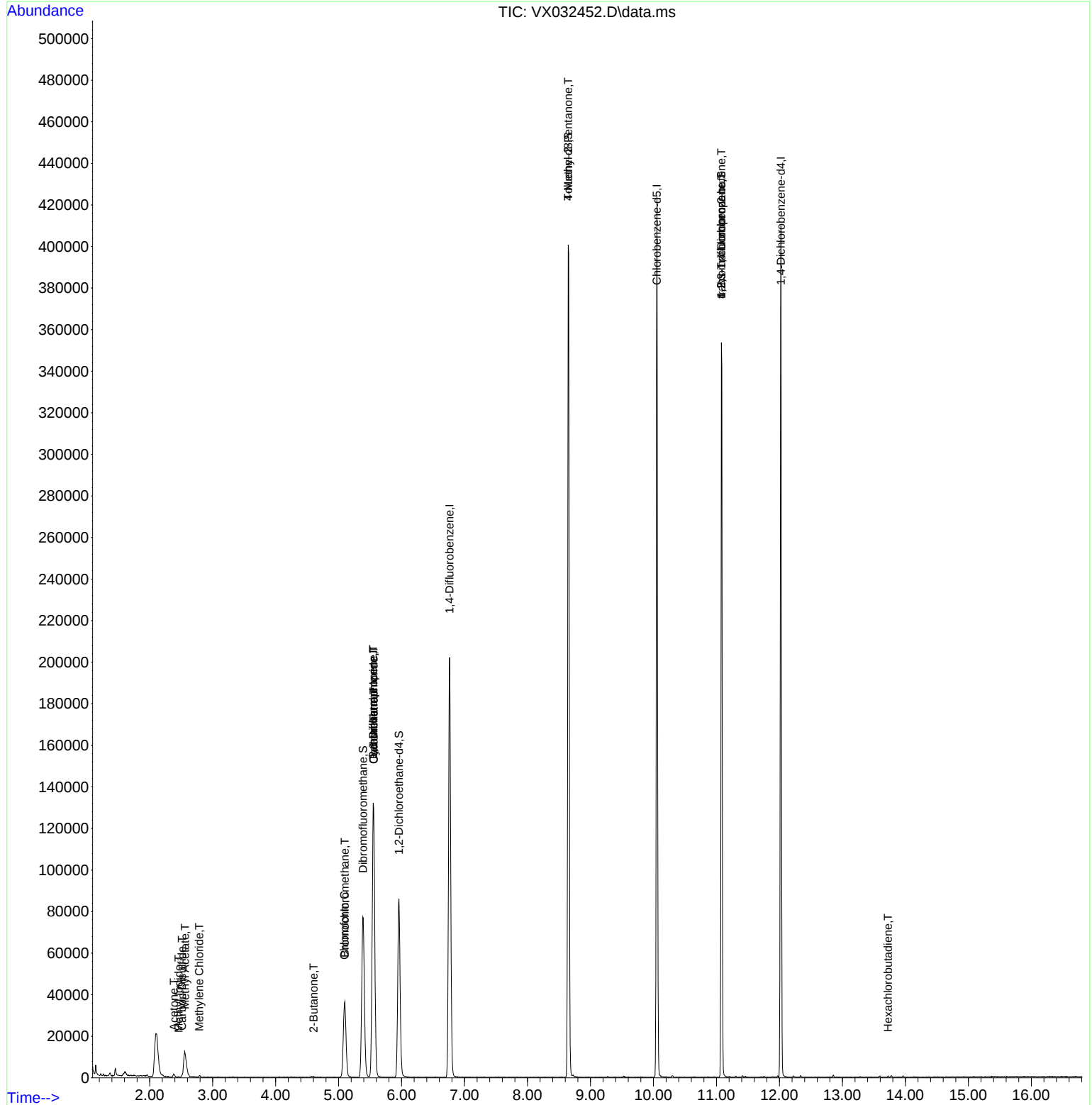
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	124258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83952	48.625	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.385	113	67144	46.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	243154	48.071	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.079	95	90192	45.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	197	2.044	ug/l #	49
16) Acetone	2.385	43	1849	2.947	ug/l	91
17) Carbon Disulfide	2.514	76	1061	0.357	ug/l #	92
18) Methyl Acetate	2.562	43	6232	3.054	ug/l #	51
20) Methylene Chloride	2.788	84	357	0.248	ug/l #	84
25) 2-Butanone	4.605	43	417	0.429	ug/l #	47
28) Bromochloromethane	5.098	49	3613	4.104	ug/l #	9
30) Chloroform	5.092	83	43357	15.988	ug/l	96
31) Cyclohexane	5.556	56	2766	1.321	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	9726	4.801	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12887	5.736	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1061	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48675	26.885	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48675	85.549	ug/l #	6
94) Hexachlorobutadiene	13.725	225	187	0.234	ug/l #	70

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

Instrument :
MSVOA_X
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SB-1

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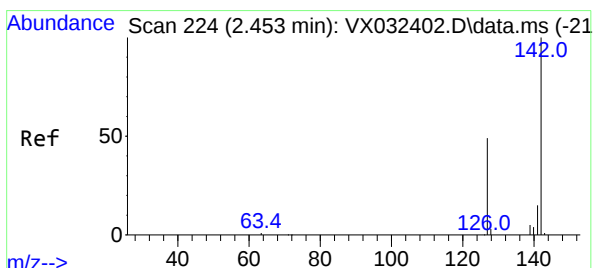
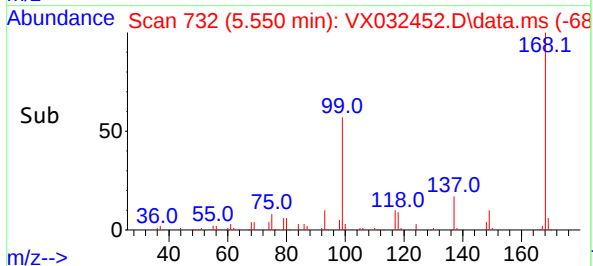
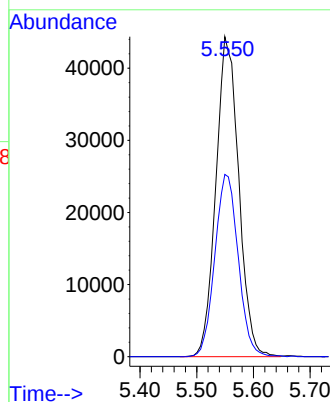
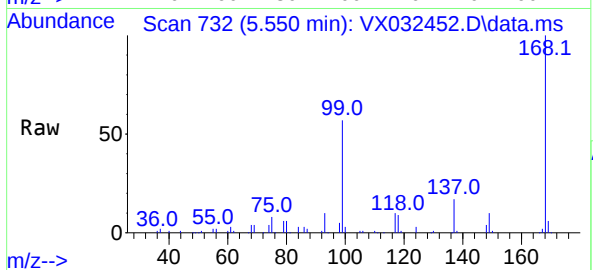




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

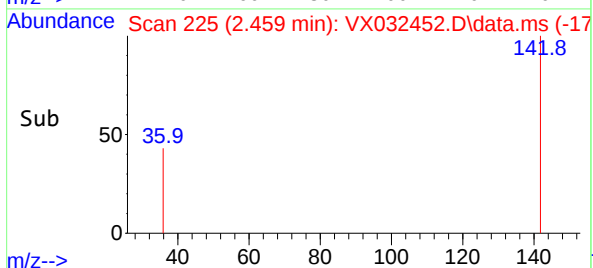
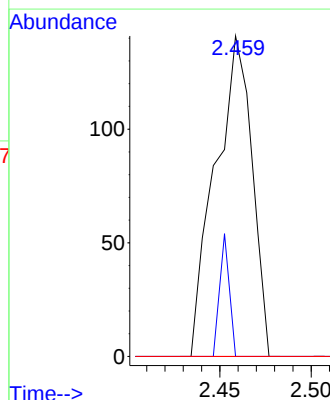
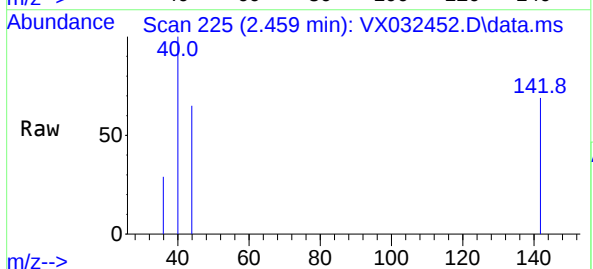
Instrument :
MSVOA_X
ClientSampleId :
SB-1

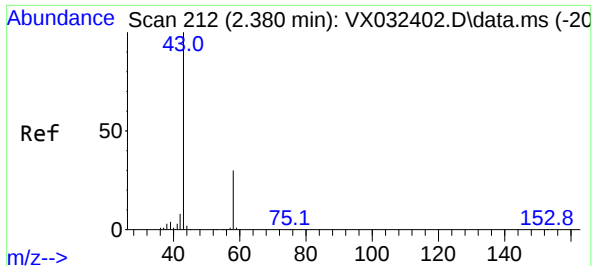
Tgt Ion:168 Resp: 124258
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#10
Methyl Iodide
Concen: 2.044 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 10.2 38.6 57.8#
141 0.0 11.4 17.2#

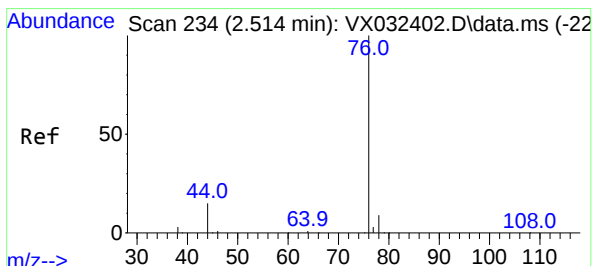
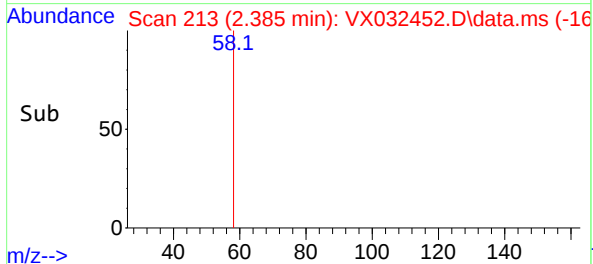
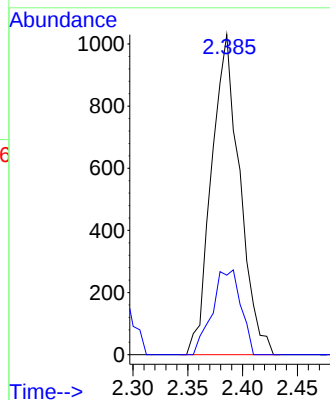
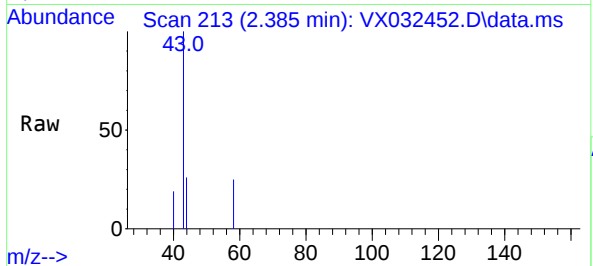




#16
Acetone
Concen: 2.947 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

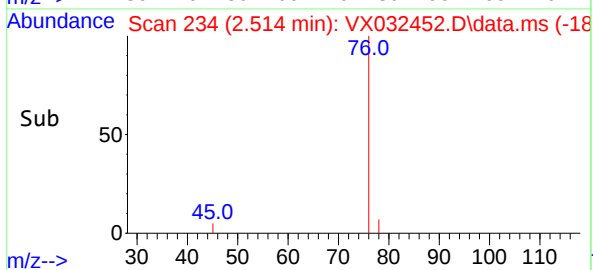
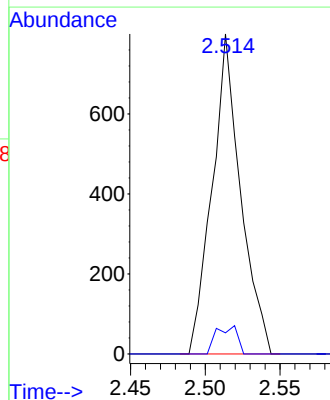
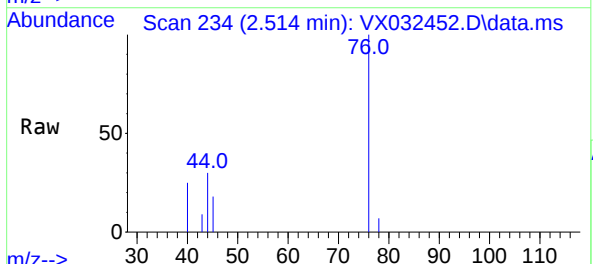
Instrument :
MSVOA_X
ClientSampleId :
SB-1

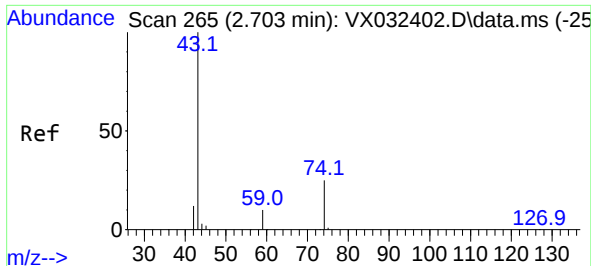
Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.8



#17
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 76 Resp: 1061
Ion Ratio Lower Upper
76 100
78 6.6 7.5 11.3#

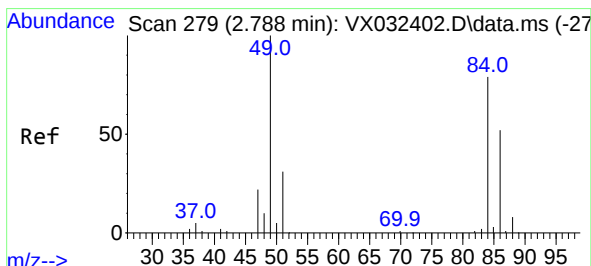
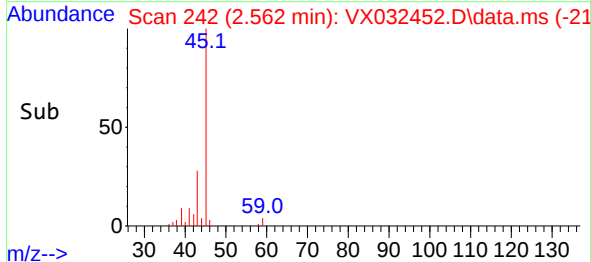
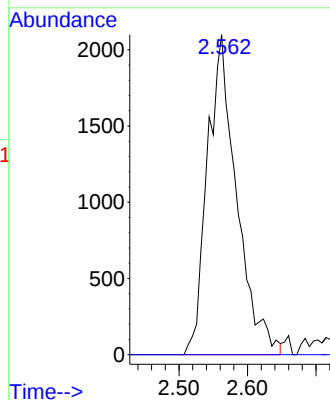
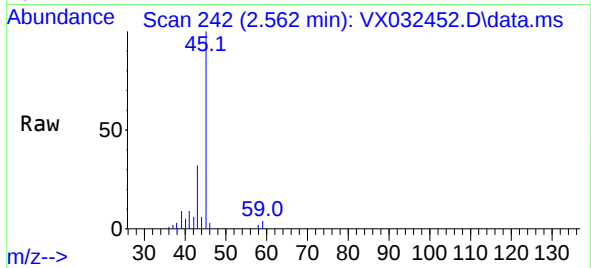




#18
Methyl Acetate
Concen: 3.054 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.140 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

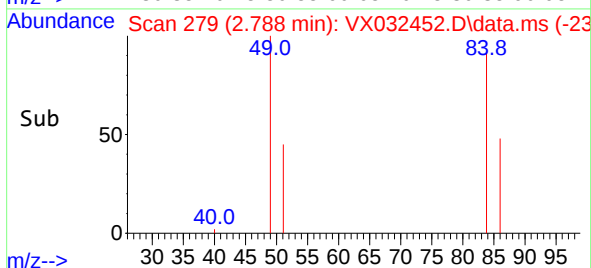
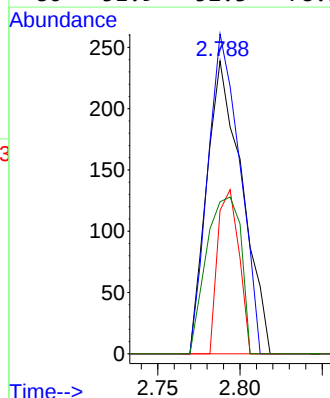
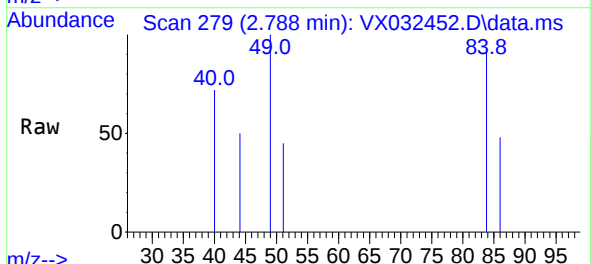
Instrument :
MSVOA_X
ClientSampleId :
SB-1

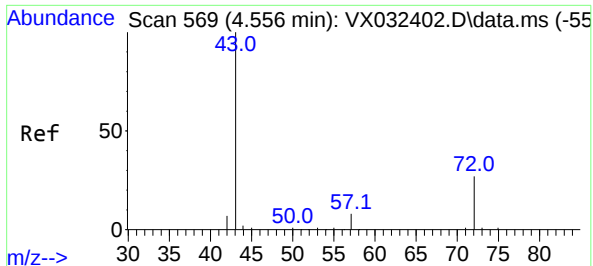
Tgt Ion: 43 Resp: 6232
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 109.2 101.0 151.6
51 49.0 31.1 46.7#
86 51.9 52.3 78.5#





#25

2-Butanone

Concen: 0.429 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

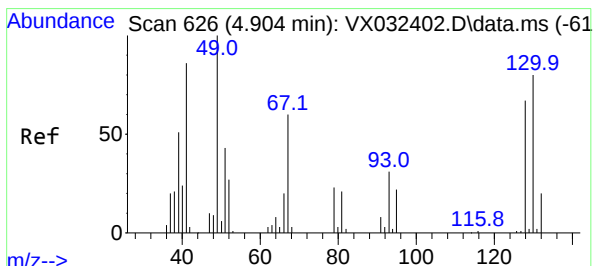
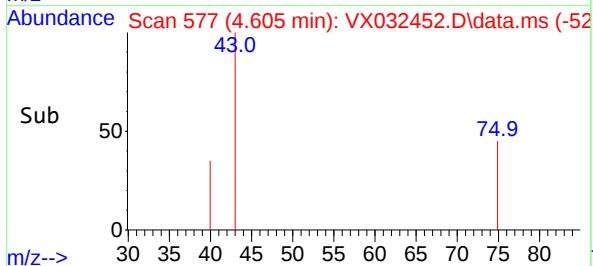
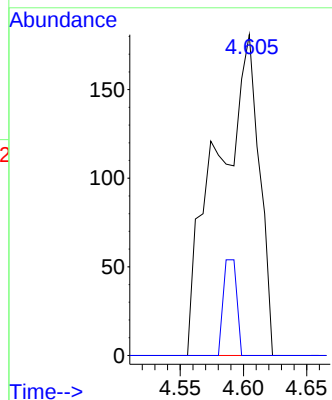
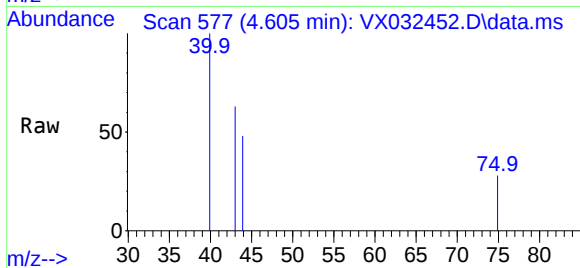
SB-1

Tgt Ion: 43 Resp: 417

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#28

Bromochloromethane

Concen: 4.104 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.195 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

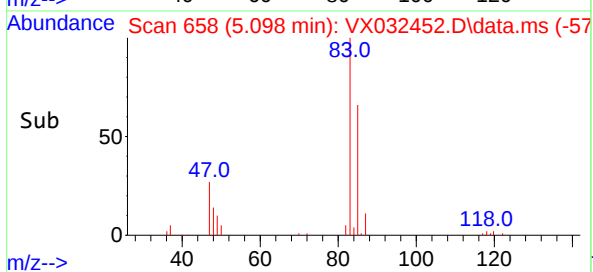
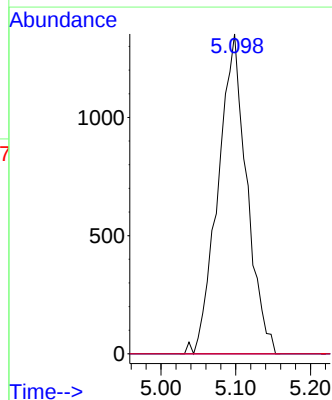
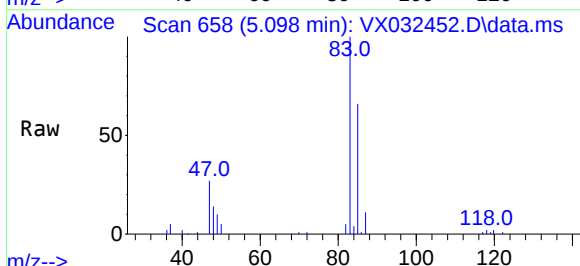
Tgt Ion: 49 Resp: 3613

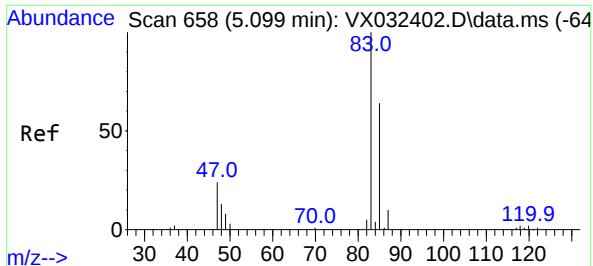
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 67.5 101.3#





#30

Chloroform

Concen: 15.988 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

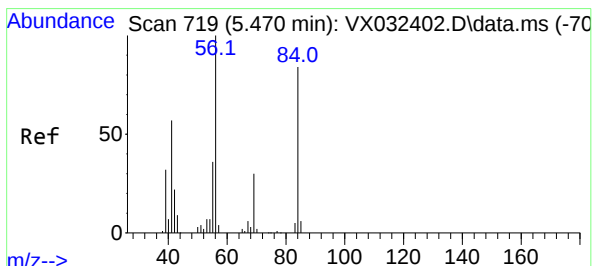
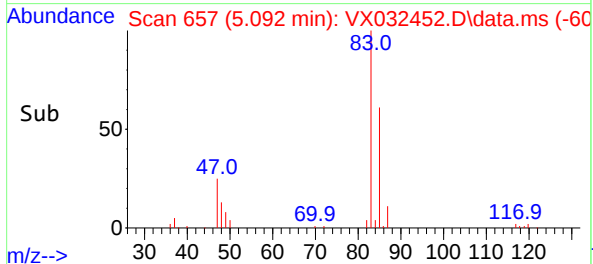
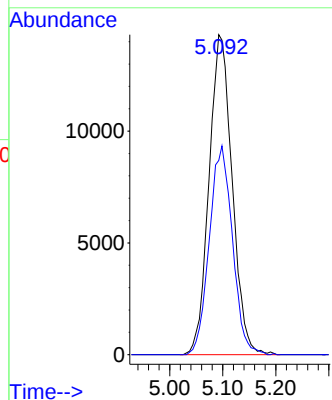
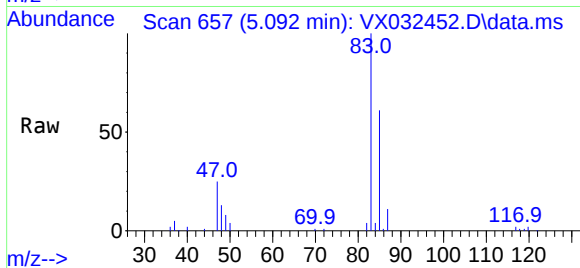
SB-1

Tgt Ion: 83 Resp: 43357

Ion Ratio Lower Upper

83 100

85 60.7 51.1 76.7



#31

Cyclohexane

Concen: 1.321 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

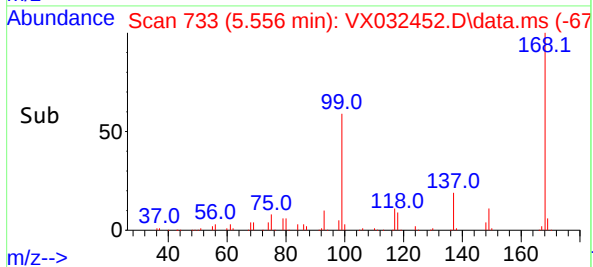
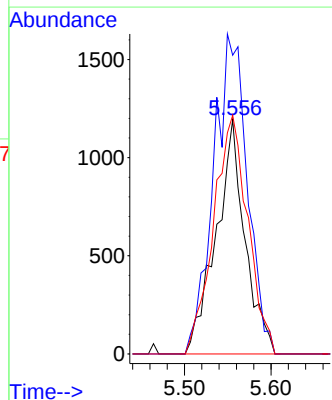
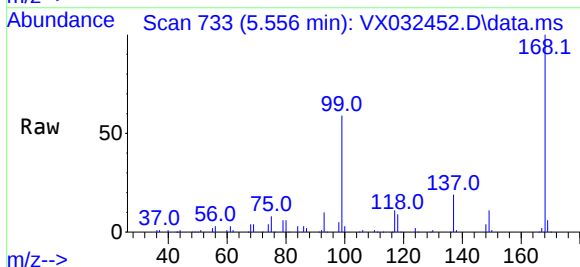
Tgt Ion: 56 Resp: 2766

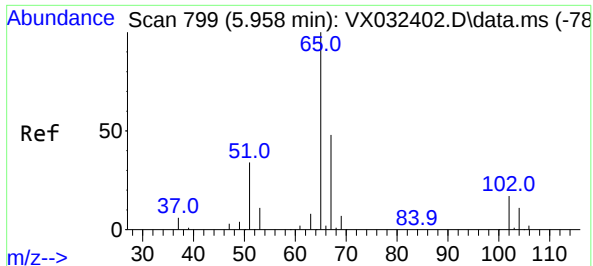
Ion Ratio Lower Upper

56 100

69 127.5 24.1 36.1#

84 101.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

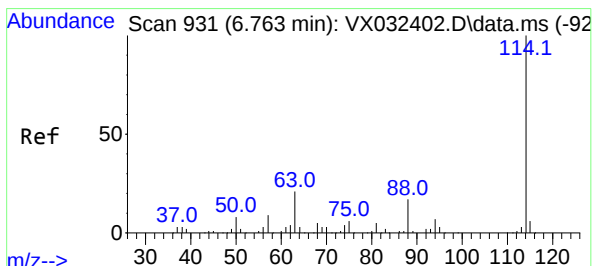
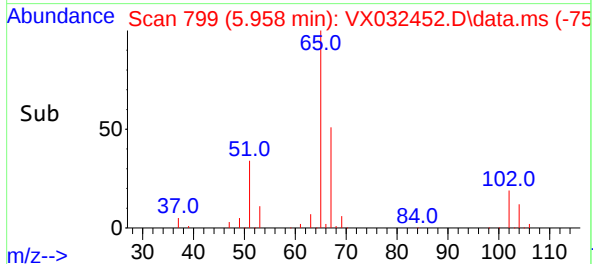
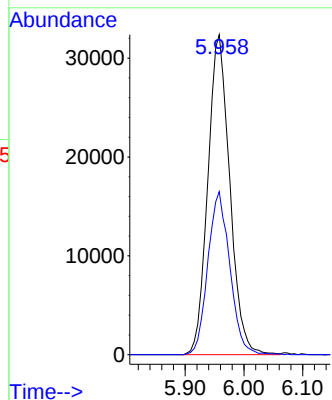
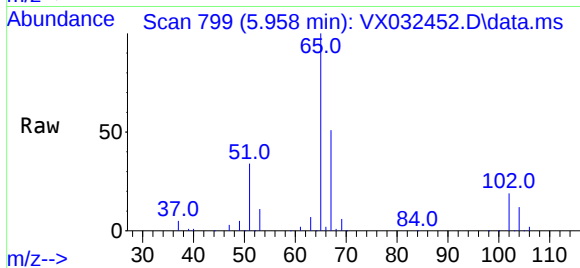
SB-1

Tgt Ion: 65 Resp: 83952

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032452.D

Acq: 28 Oct 2022 12:19

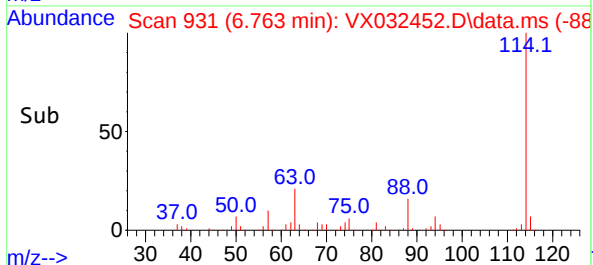
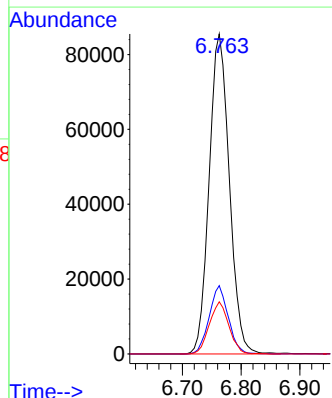
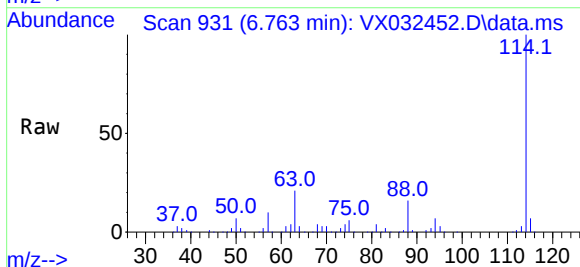
Tgt Ion: 114 Resp: 203932

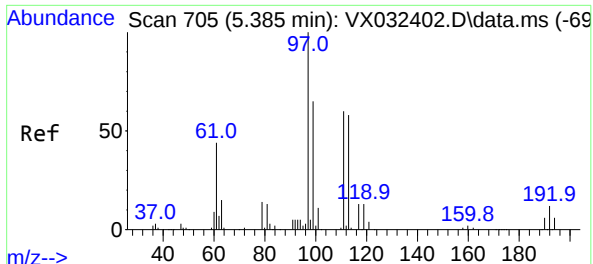
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 16.3 0.0 33.4

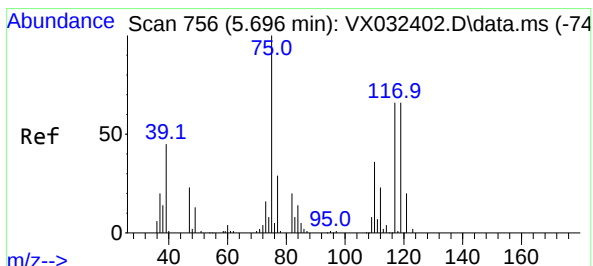
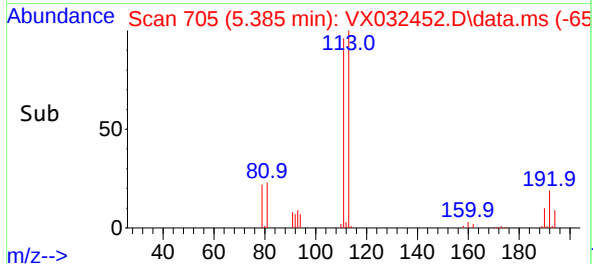
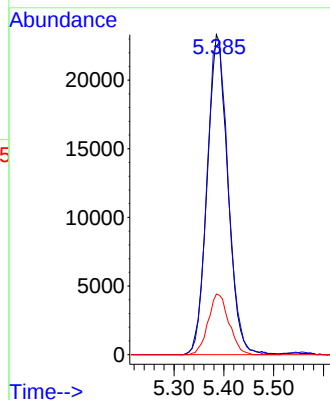
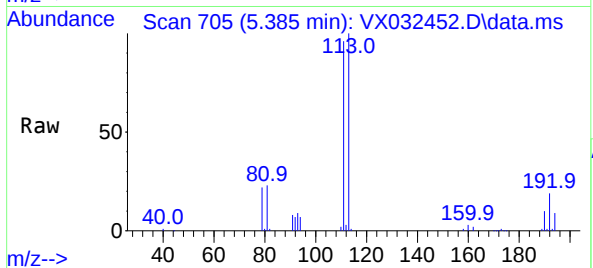




#35
Dibromofluoromethane
Concen: 46.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

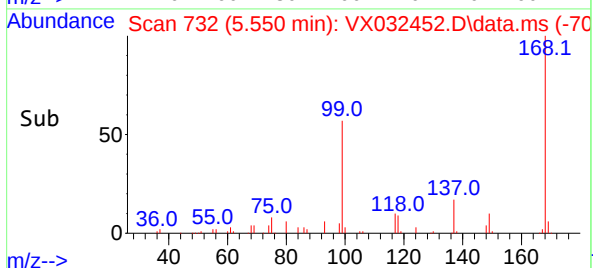
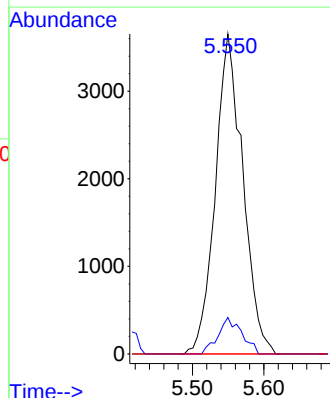
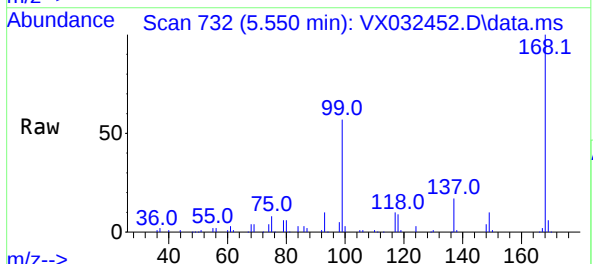
Instrument :
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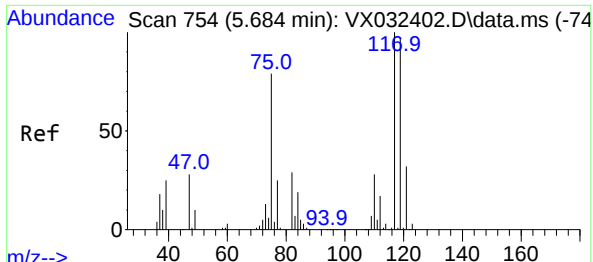
Tgt Ion:113 Resp: 67144
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 75 Resp: 9726
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#

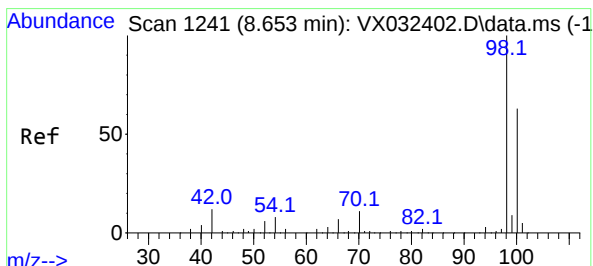
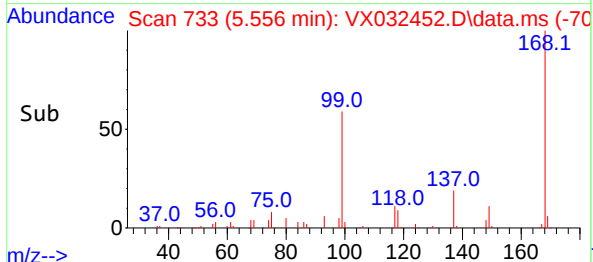
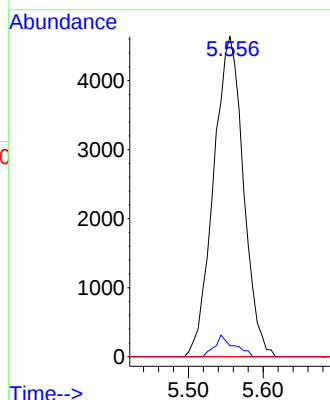
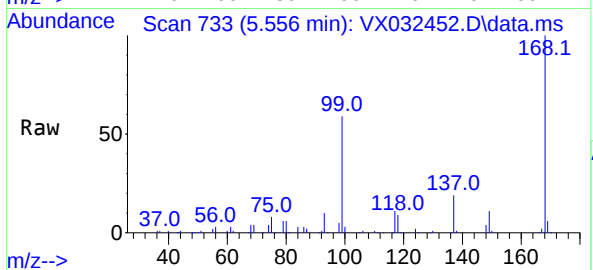




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

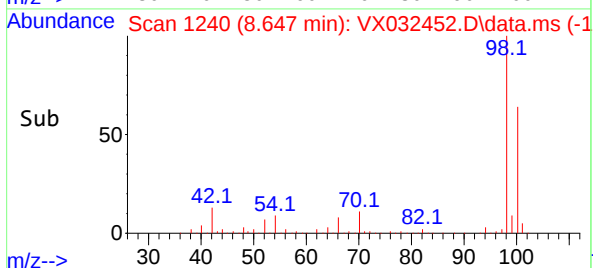
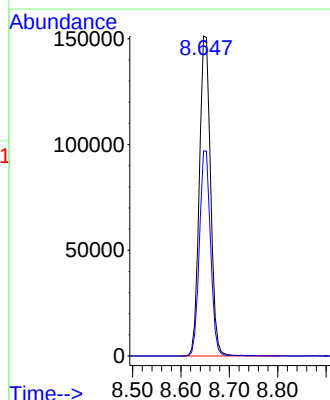
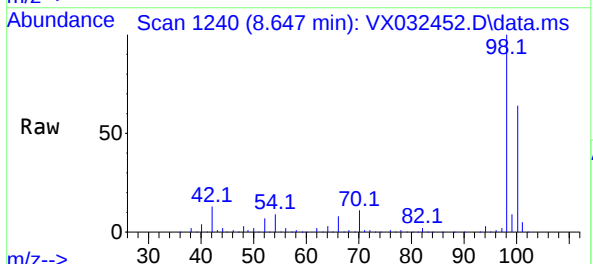
Instrument :
MSVOA_X
ClientSampleId :
SB-1

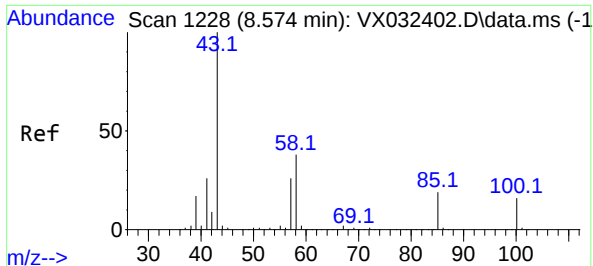
Tgt Ion:117 Resp: 12887
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.071 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 98 Resp: 243154
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

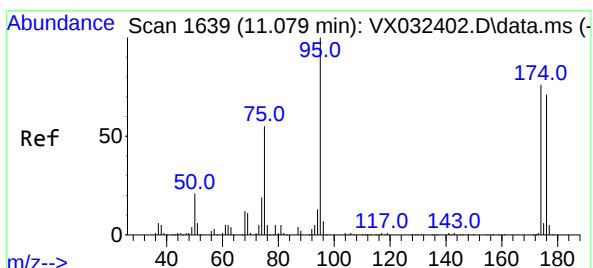
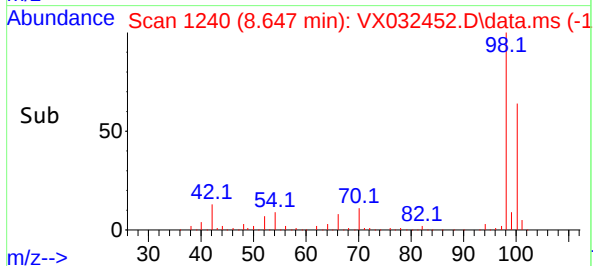
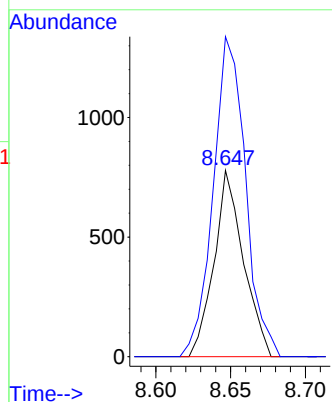
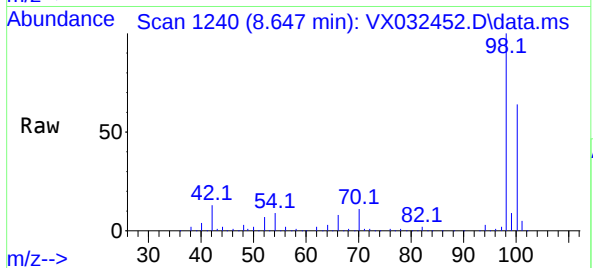




#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

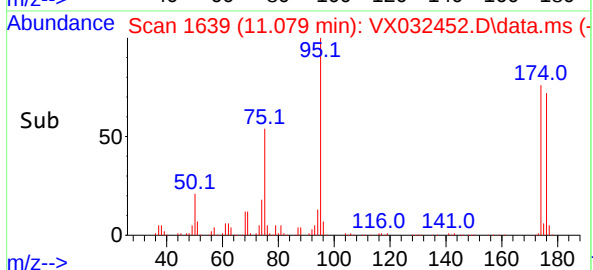
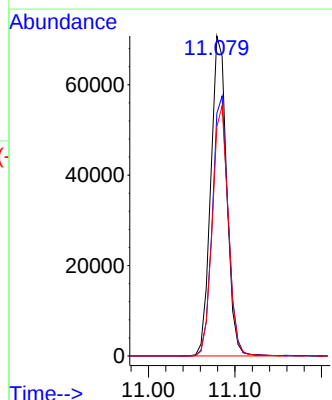
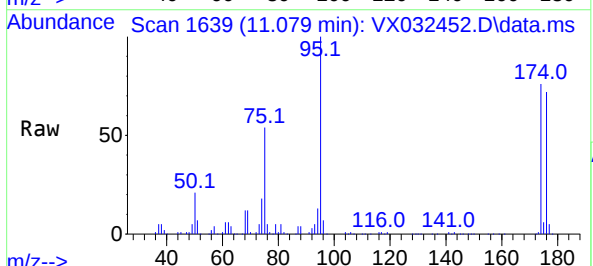
Instrument :
MSVOA_X
ClientSampleId :
SB-1

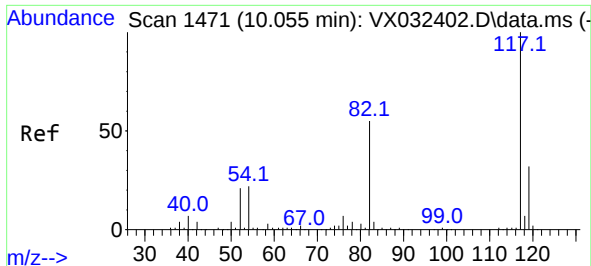
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 189.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 95 Resp: 90192
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 78.2 0.0 154.4

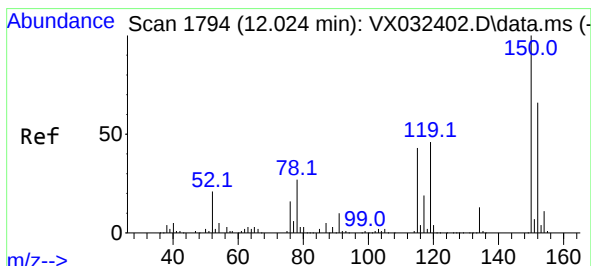
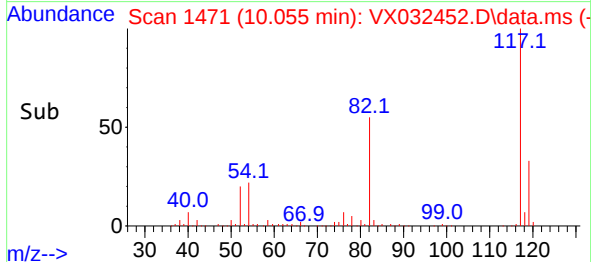
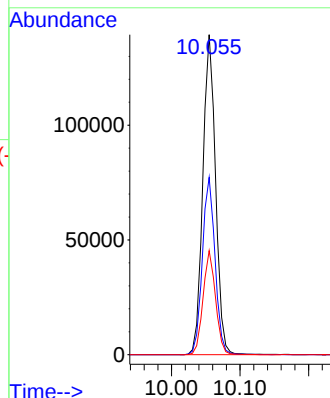
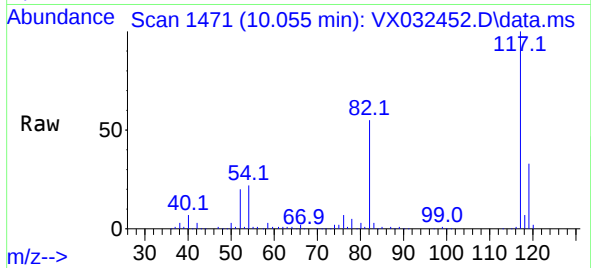




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

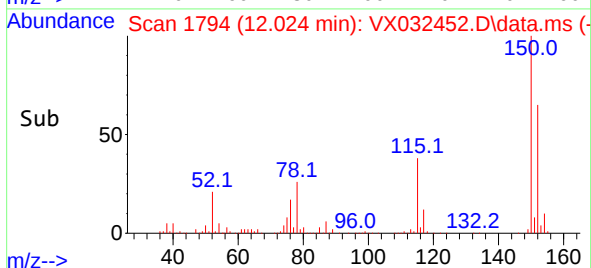
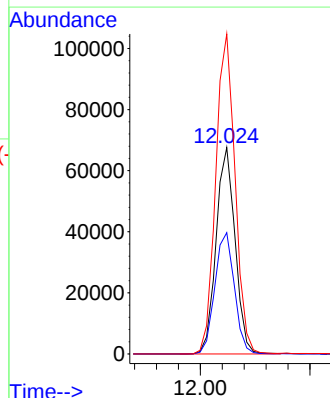
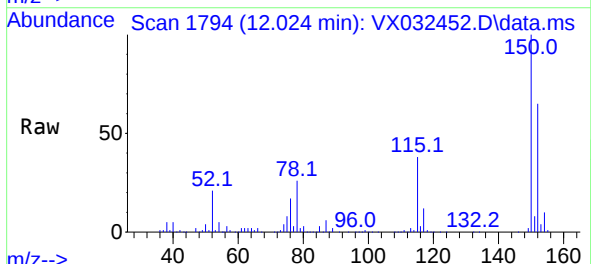
Instrument :
MSVOA_X
ClientSampleId :
SB-1

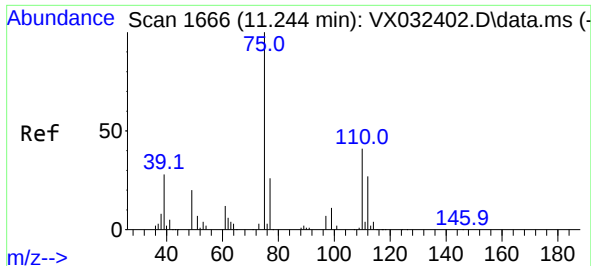
Tgt Ion:117 Resp: 180759
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion:152 Resp: 81379
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 158.0 0.0 351.8

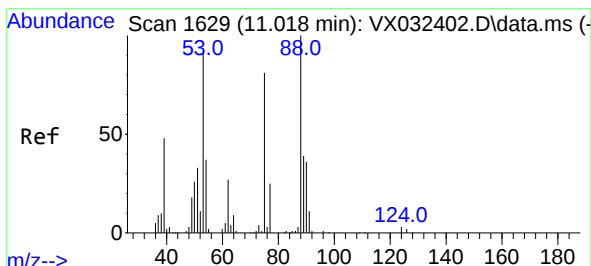
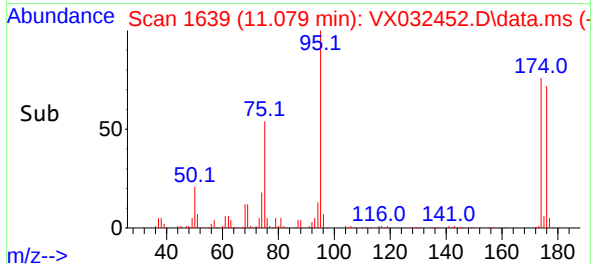
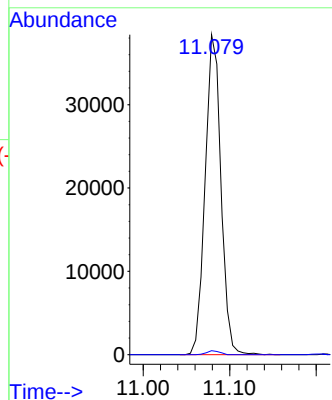
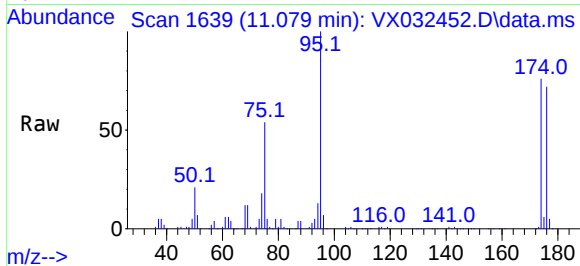




#76
1,2,3-Trichloropropane
Concen: 26.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

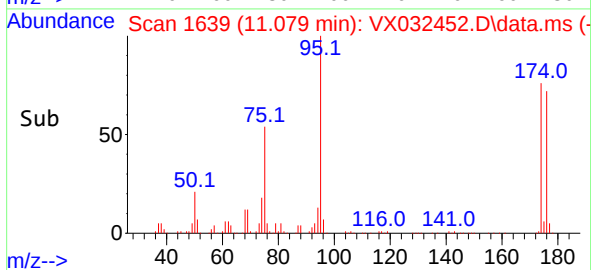
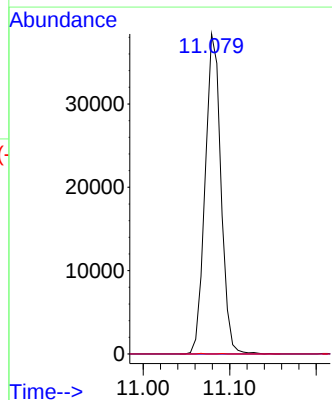
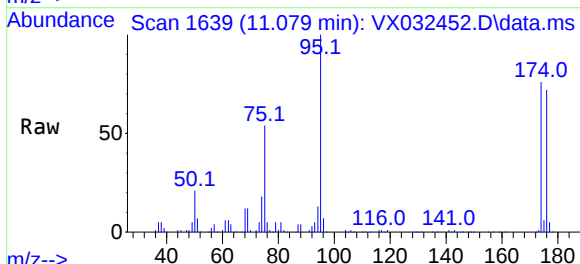
Instrument :
MSVOA_X
ClientSampleId :
SB-1

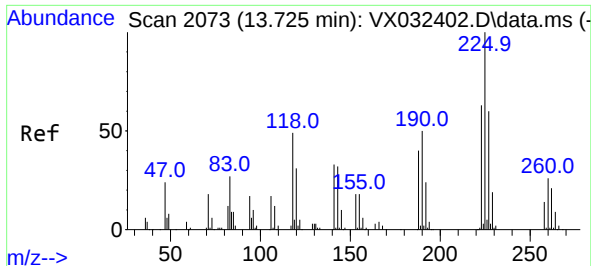
Tgt Ion: 75 Resp: 48675
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032452.D
Acq: 28 Oct 2022 12:19

Tgt Ion: 75 Resp: 48675
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#





#94

Hexachlorobutadiene

Concen: 0.234 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032452.D

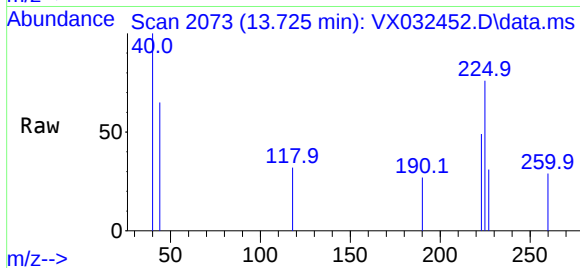
Acq: 28 Oct 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1



Tgt Ion:225 Resp: 187

Ion Ratio Lower Upper

225 100

223 56.7 31.9 95.9

227 23.5 31.9 95.5#

