

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032453.D
 Acq On : 28 Oct 2022 12:43
 Operator : JC/MD
 Sample : N5335-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Quant Time: Oct 29 04:31:51 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)

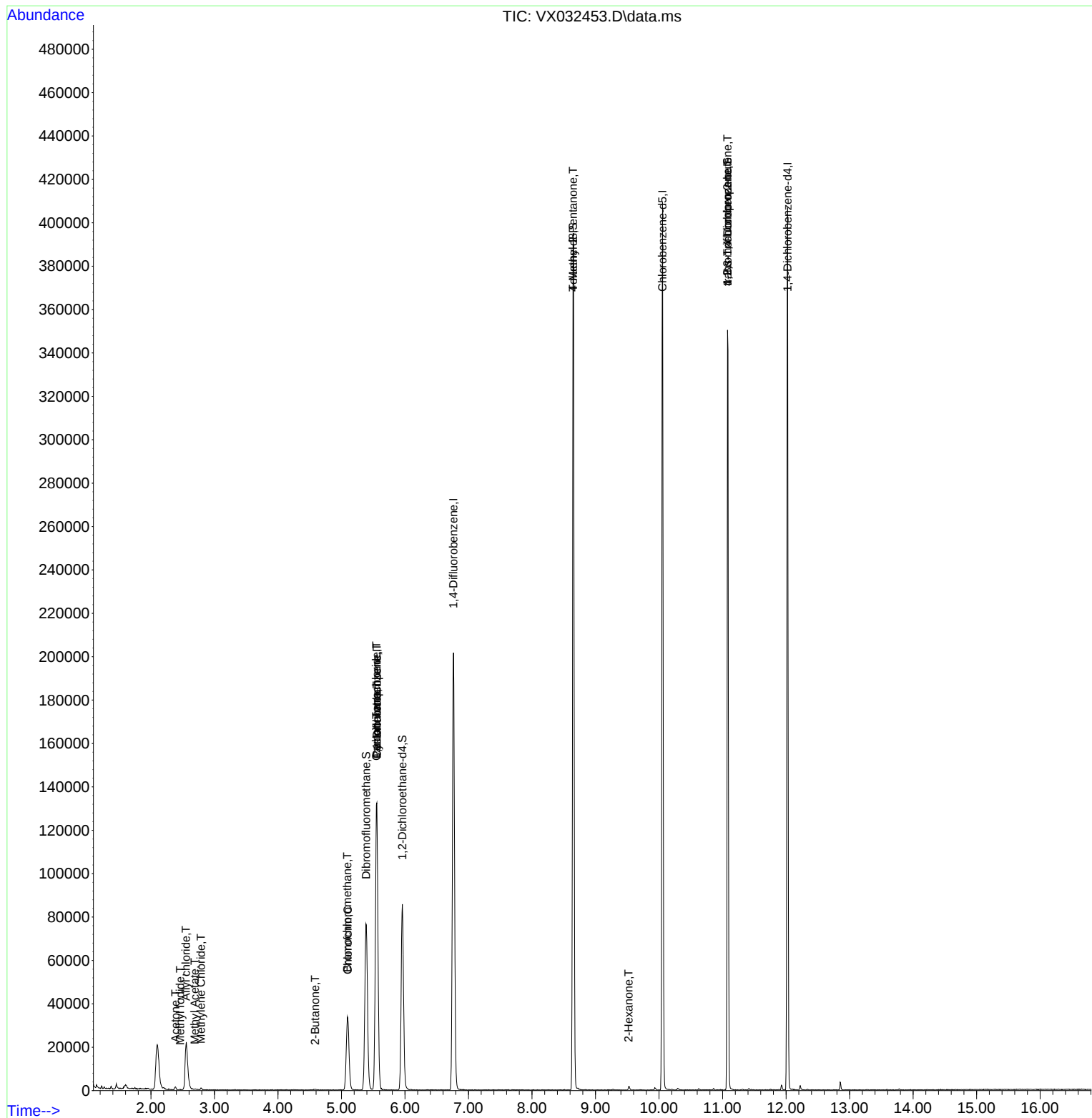
Internal Standards						
1) Pentafluorobenzene	5.556	168	123568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84008	48.929	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.860%		
35) Dibromofluoromethane	5.385	113	66288	45.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.647	98	238005	47.387	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.079	95	89632	45.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.380%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	226	2.064	ug/l #	67
14) Allyl chloride	2.550	41	3810	1.929	ug/l #	71
16) Acetone	2.386	43	1651	2.646	ug/l	94
18) Methyl Acetate	2.690	43	407	0.201	ug/l #	51
20) Methylene Chloride	2.788	84	346	0.242	ug/l #	76
25) 2-Butanone	4.586	43	220	0.228	ug/l #	47
28) Bromochloromethane	5.092	49	3396	3.879	ug/l #	9
30) Chloroform	5.099	83	40445	14.997	ug/l	99
31) Cyclohexane	5.556	56	2821	1.355	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	9651	4.798	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12688	5.687	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1148	0.567	ug/l #	1
59) 2-Hexanone	9.518	43	379	0.252	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	48786	26.305	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48786	83.703	ug/l #	6

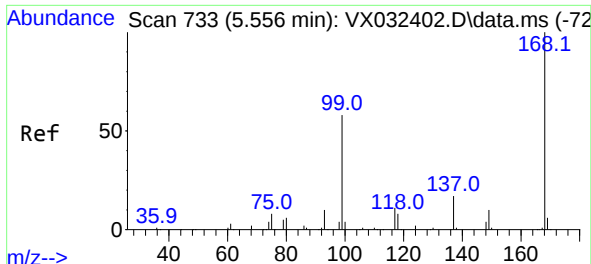
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX032453.D
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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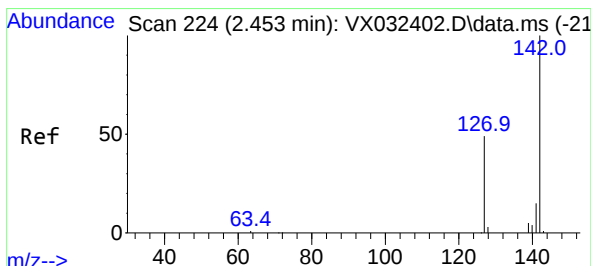
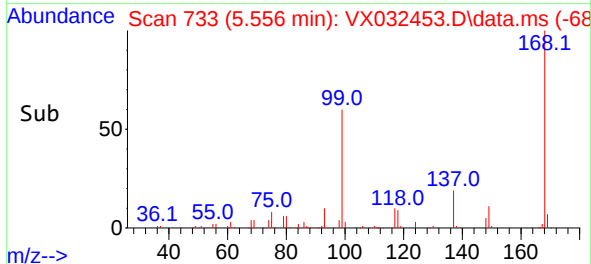
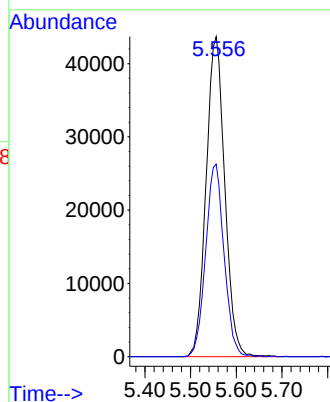
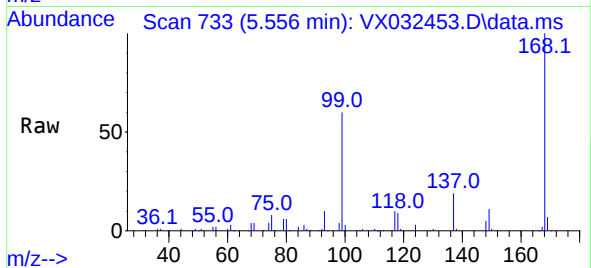




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

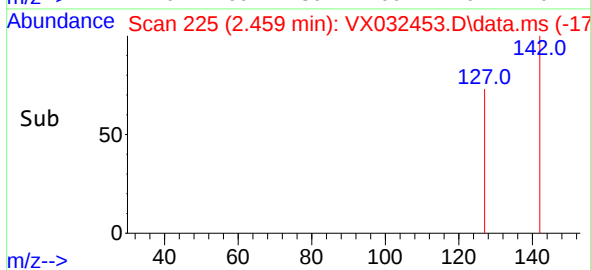
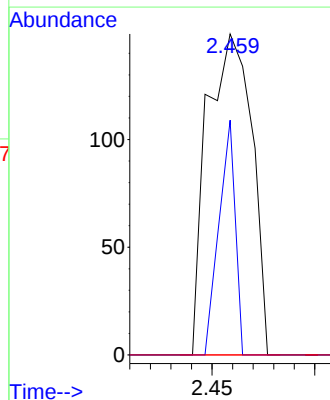
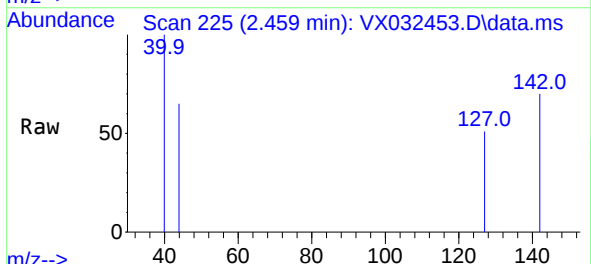
Instrument :
MSVOA_X
ClientSampleId :
SB-2

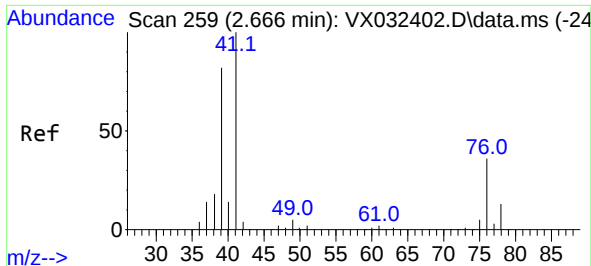
Tgt Ion:168 Resp: 123568
Ion Ratio Lower Upper
168 100
99 60.1 46.1 69.1



#10
Methyl Iodide
Concen: 2.064 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 26.5 38.6 57.8#
141 0.0 11.4 17.2#

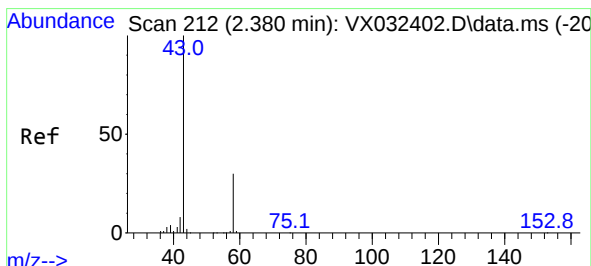
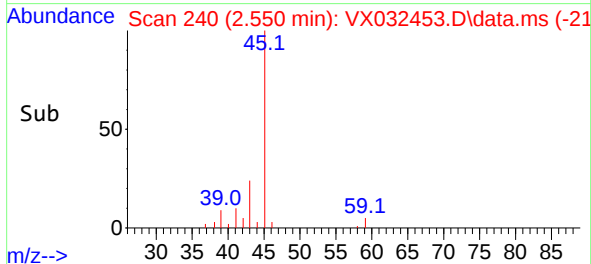
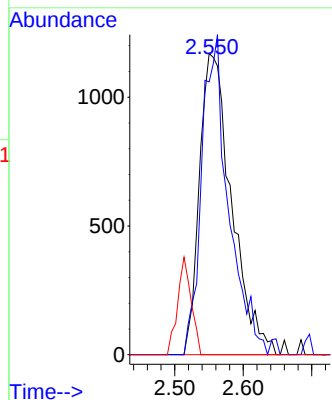
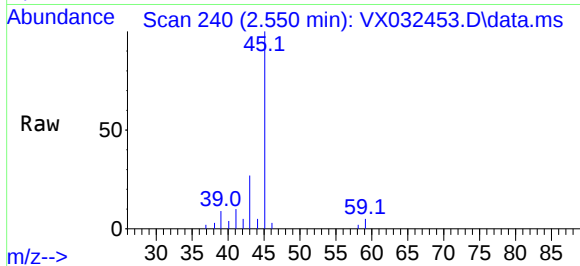




#14
 Allyl chloride
 Concen: 1.929 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.116 min
 Lab File: VX032453.D
 Acq: 28 Oct 2022 12:43

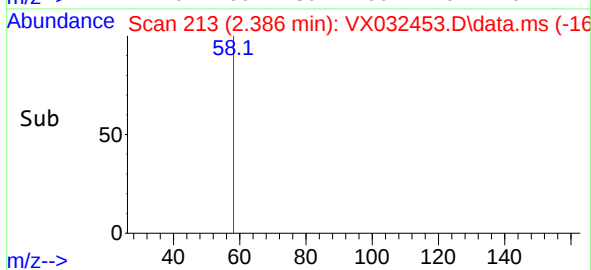
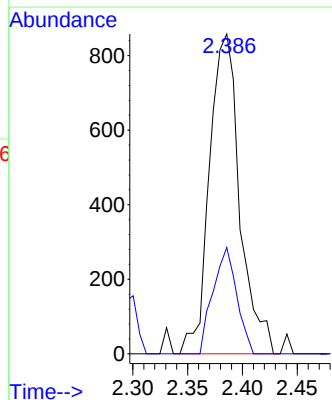
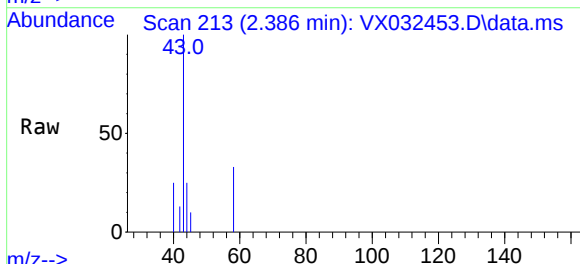
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

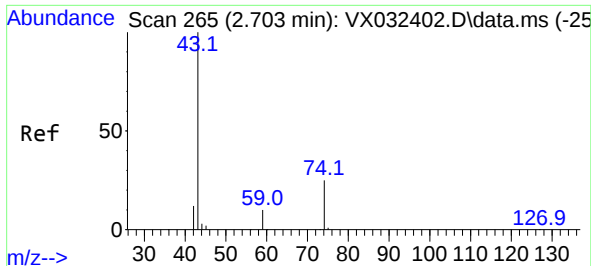
Tgt Ion: 41 Resp: 3810
 Ion Ratio Lower Upper
 41 100
 39 88.8 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 2.646 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032453.D
 Acq: 28 Oct 2022 12:43

Tgt Ion: 43 Resp: 1651
 Ion Ratio Lower Upper
 43 100
 58 33.2 23.8 35.8

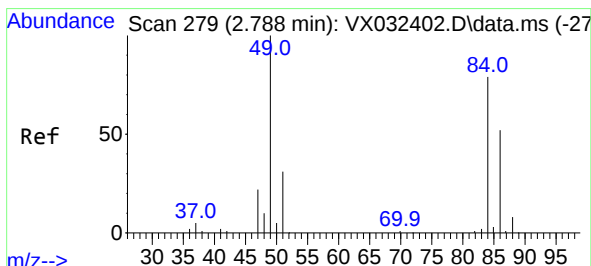
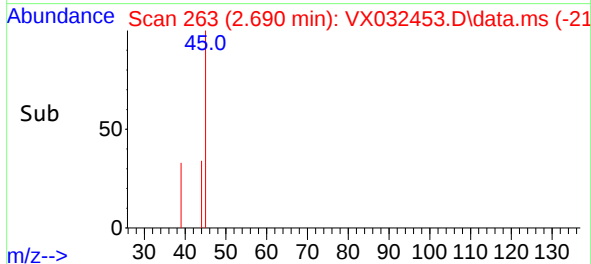
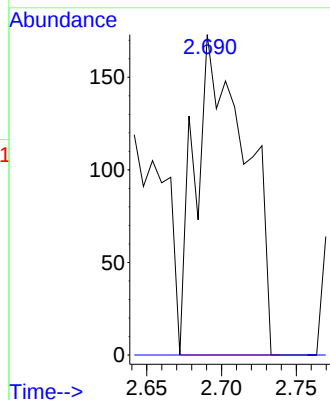
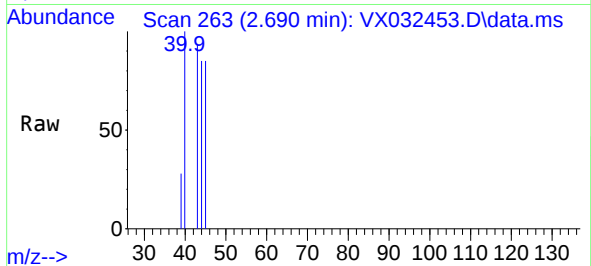




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.012 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

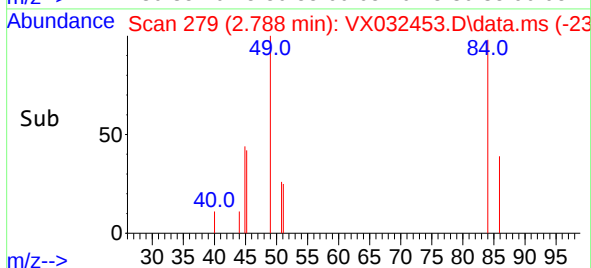
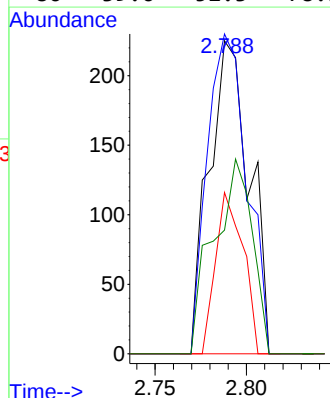
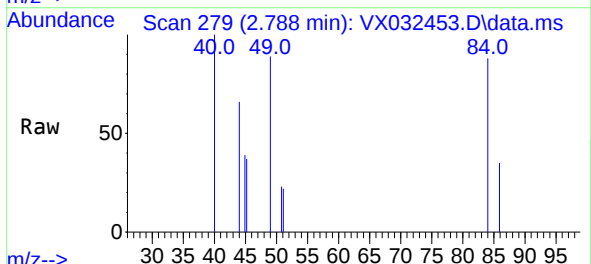
Instrument :
MSVOA_X
ClientSampleId :
SB-2

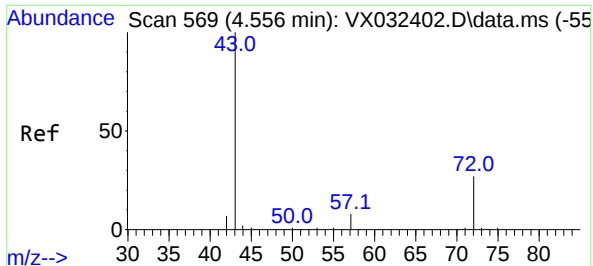
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion: 84 Resp: 346
Ion Ratio Lower Upper
84 100
49 102.2 101.0 151.6
51 51.6 31.1 46.7#
86 39.6 52.3 78.5#





#25

2-Butanone

Concen: 0.228 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX032453.D

Acq: 28 Oct 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

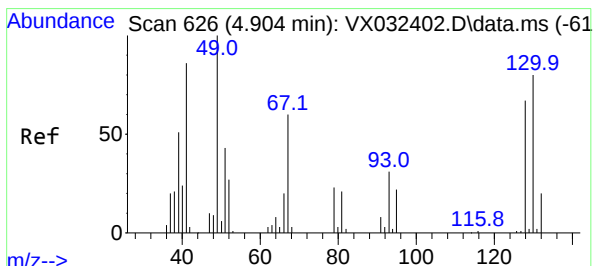
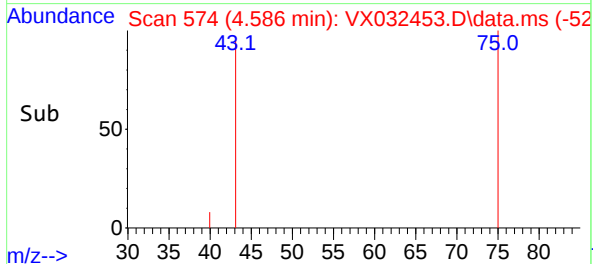
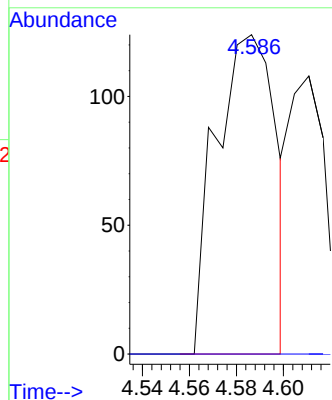
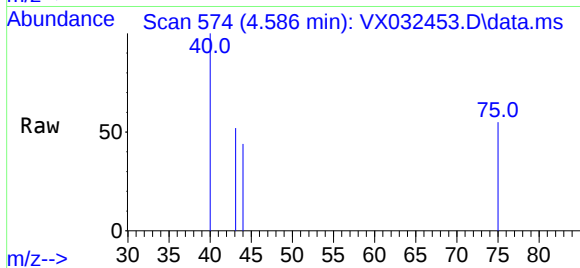
SB-2

Tgt Ion: 43 Resp: 220

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#28

Bromochloromethane

Concen: 3.879 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.189 min

Lab File: VX032453.D

Acq: 28 Oct 2022 12:43

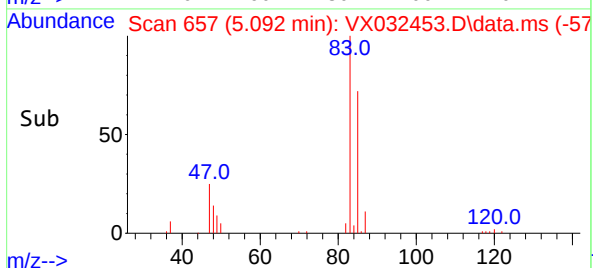
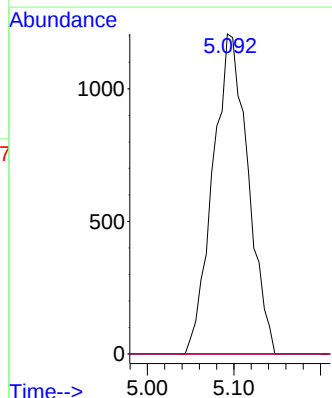
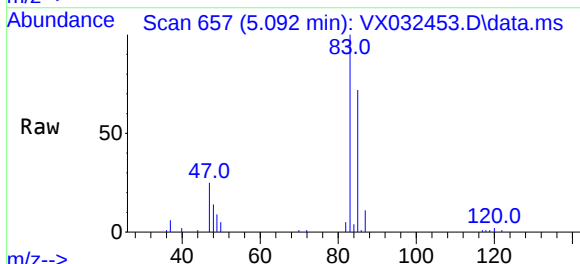
Tgt Ion: 49 Resp: 3396

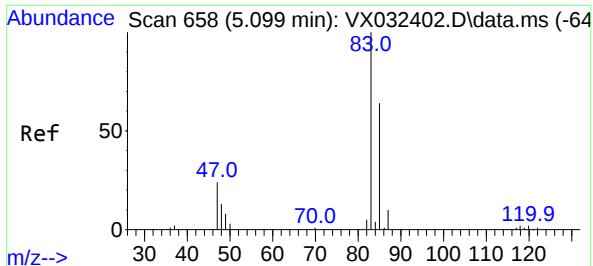
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 67.5 101.3#





#30

Chloroform

Concen: 14.997 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX032453.D

Acq: 28 Oct 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

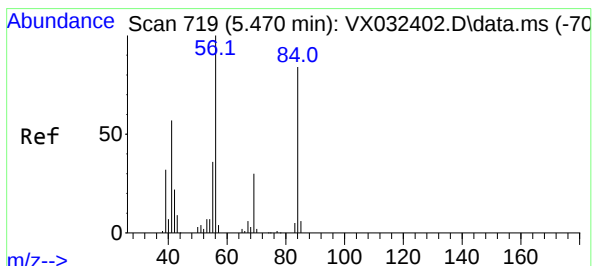
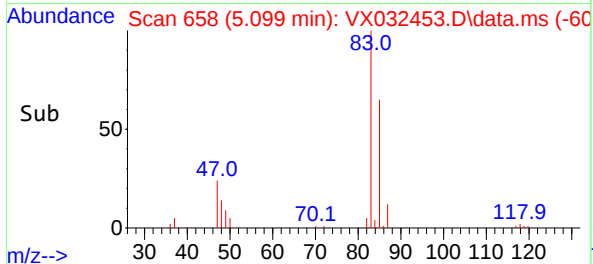
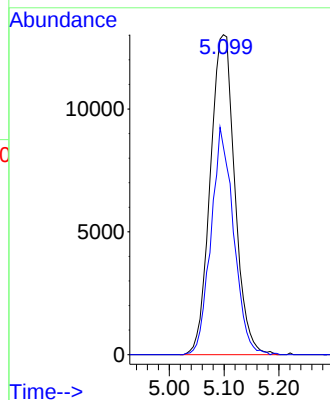
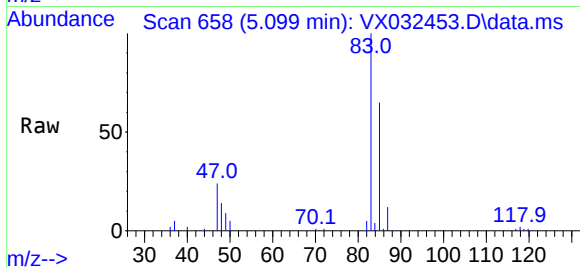
SB-2

Tgt Ion: 83 Resp: 40445

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7



#31

Cyclohexane

Concen: 1.355 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032453.D

Acq: 28 Oct 2022 12:43

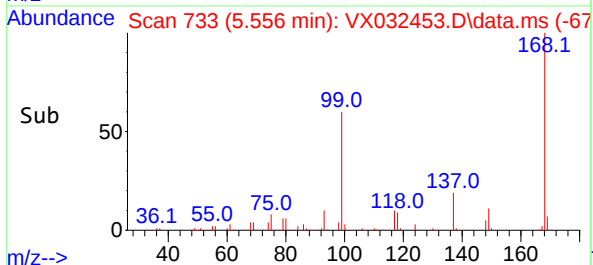
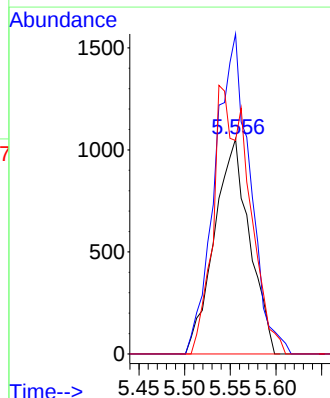
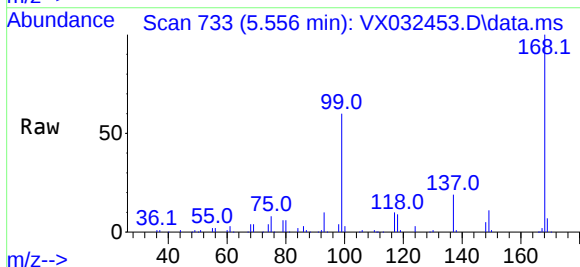
Tgt Ion: 56 Resp: 2821

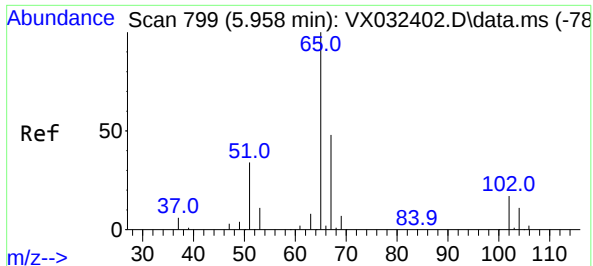
Ion Ratio Lower Upper

56 100

69 148.8 24.1 36.1#

84 99.2 66.9 100.3

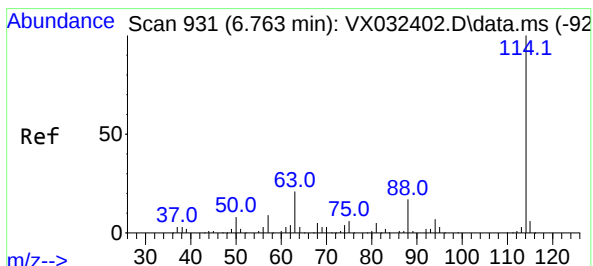
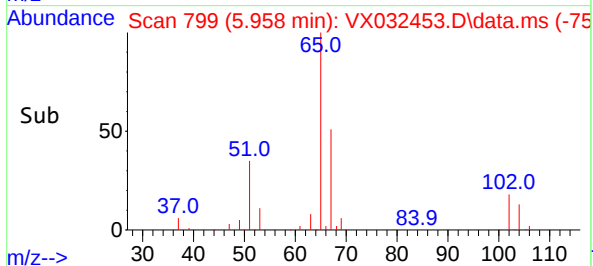
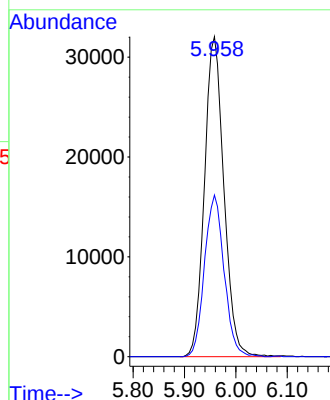
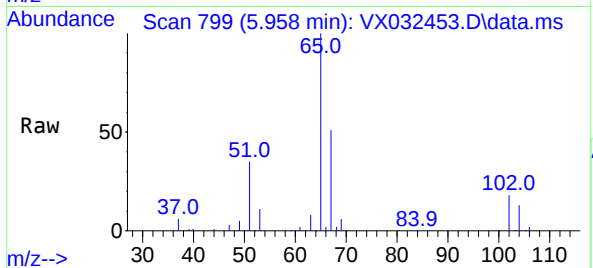




#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032453.D
 Acq: 28 Oct 2022 12:43

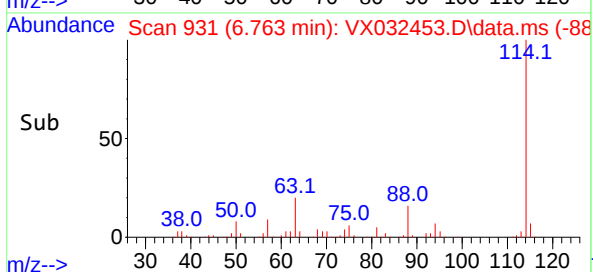
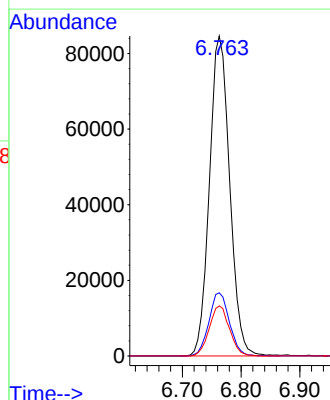
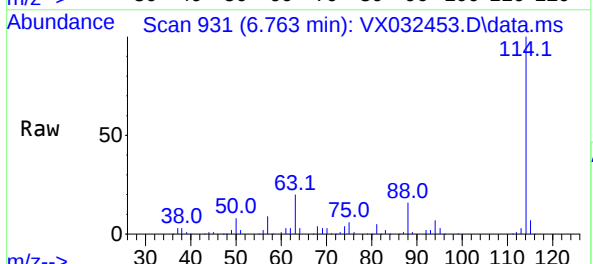
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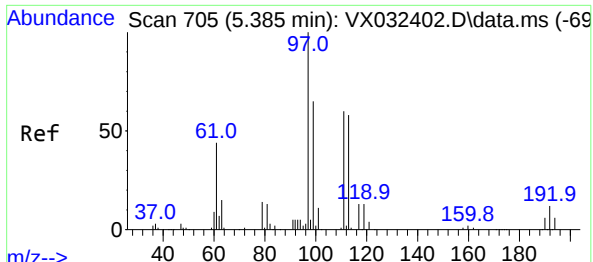
Tgt Ion: 65 Resp: 84008
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032453.D
 Acq: 28 Oct 2022 12:43

Tgt Ion: 114 Resp: 202496
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.6
 88 15.7 0.0 33.4

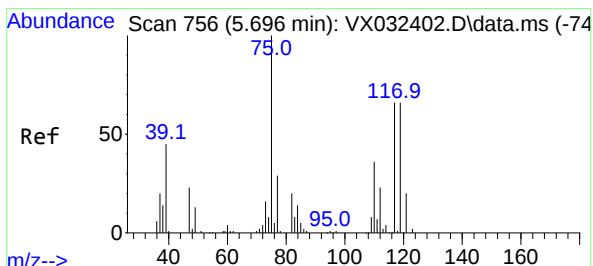
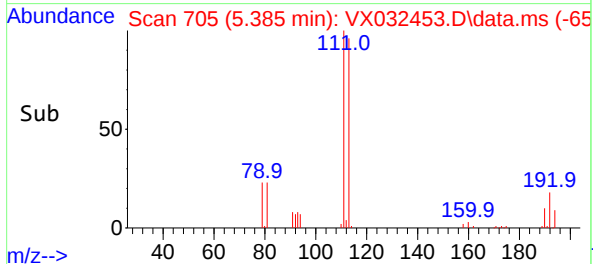
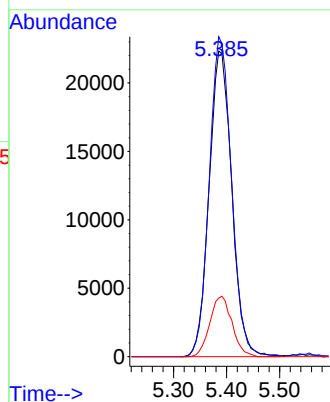
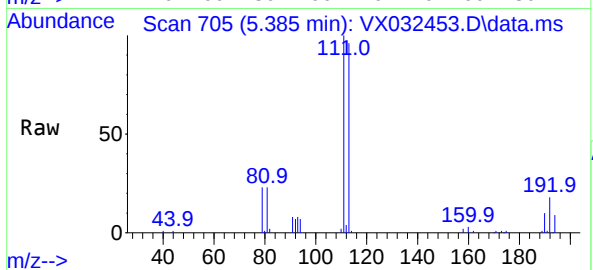




#35
Dibromofluoromethane
Concen: 45.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

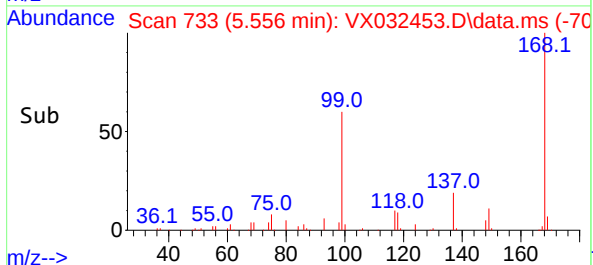
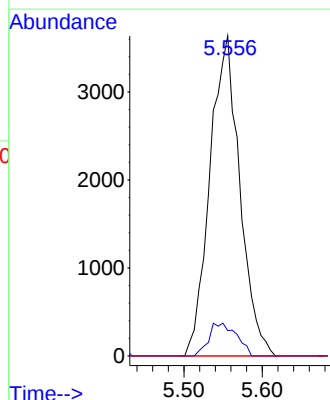
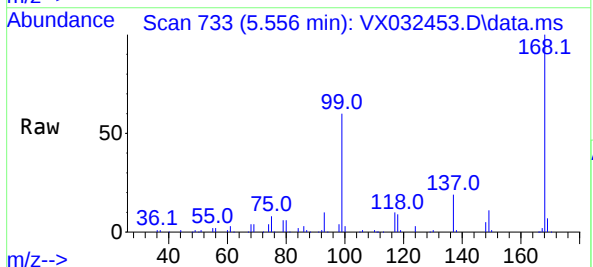
Instrument :
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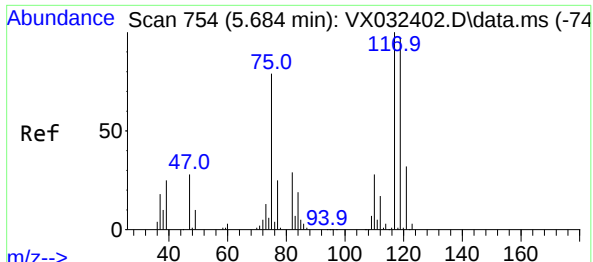
Tgt Ion:113 Resp: 66288
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion: 75 Resp: 9651
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#

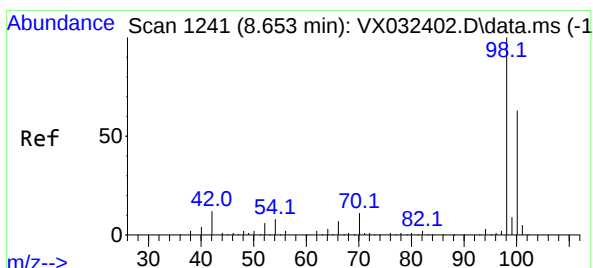
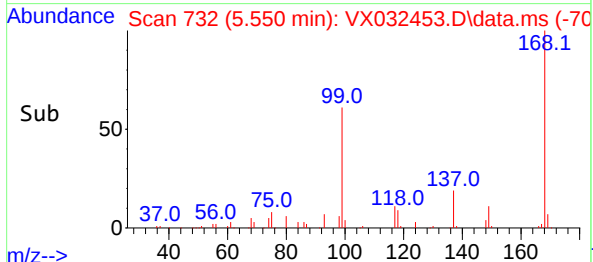
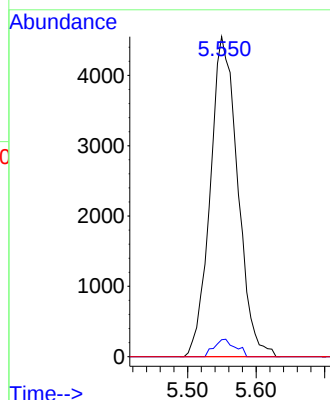
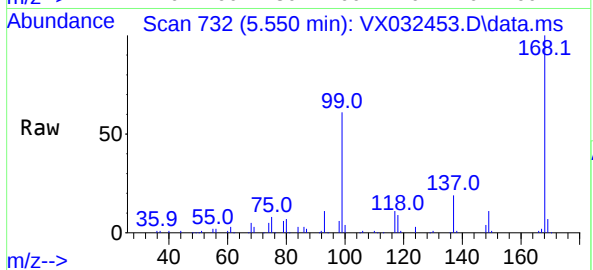




#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

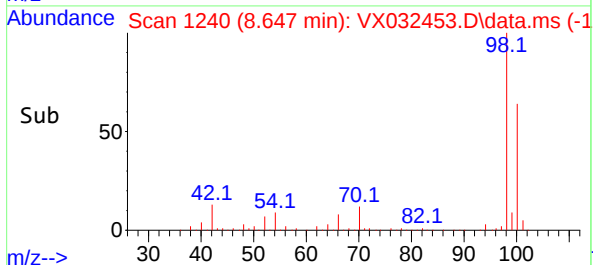
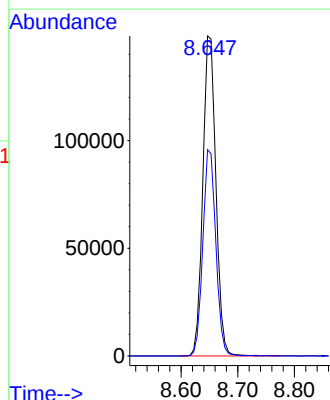
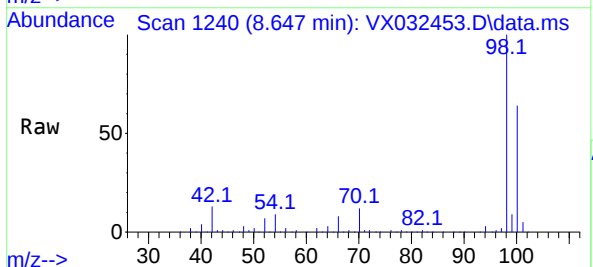
Instrument :
MSVOA_X
ClientSampleId :
SB-2

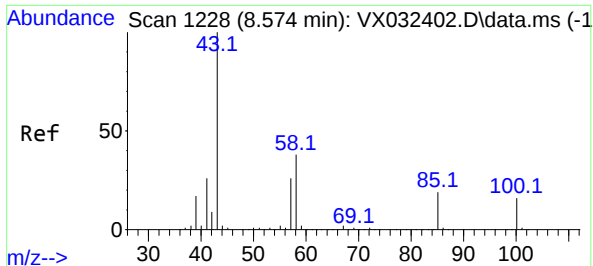
Tgt Ion:117 Resp: 12688
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion: 98 Resp: 238005
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.567 ug/l

RT: 8.647 min Scan# 1148

Delta R.T. 0.073 min

Lab File: VX032453.D

Acq: 28 Oct 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

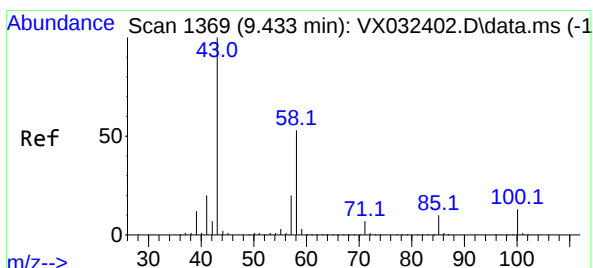
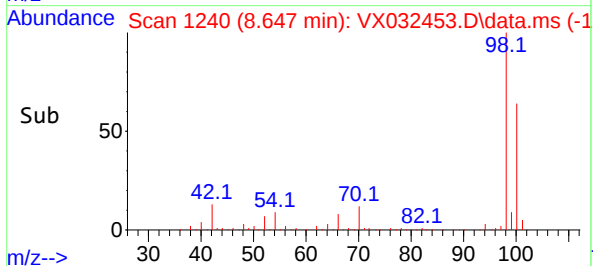
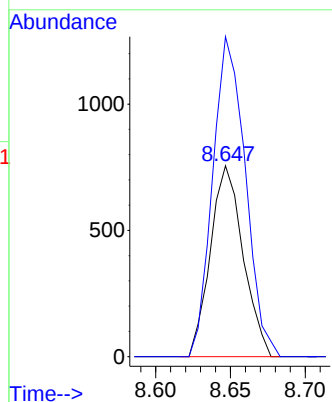
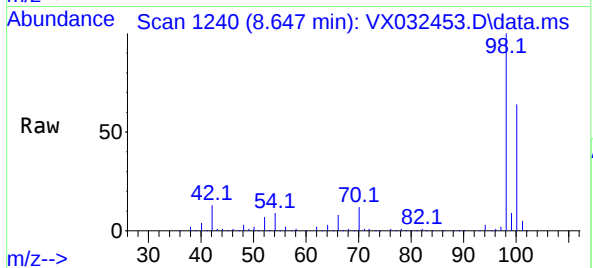
SB-2

Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 167.4 30.9 46.3#



#59

2-Hexanone

Concen: 0.252 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.085 min

Lab File: VX032453.D

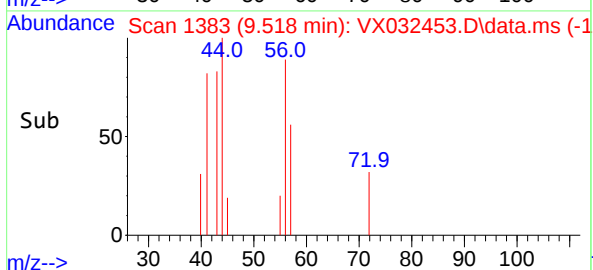
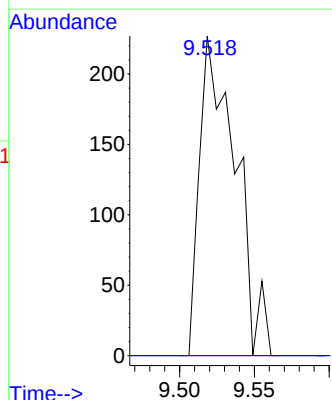
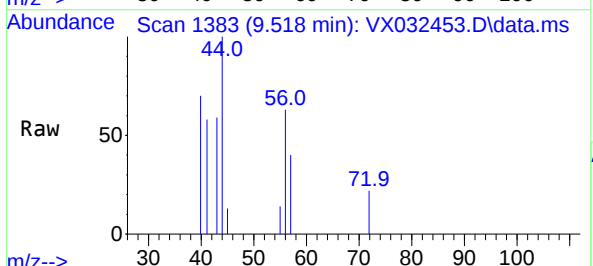
Acq: 28 Oct 2022 12:43

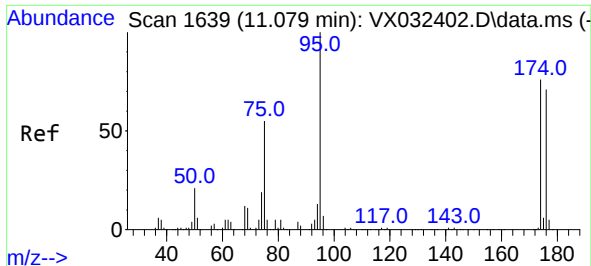
Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.5#

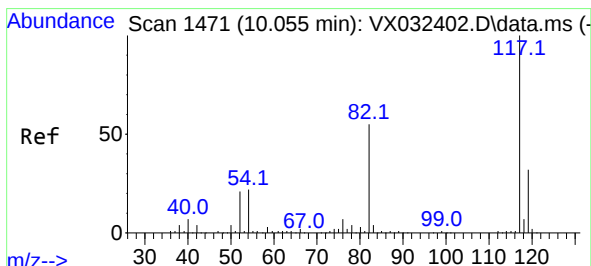
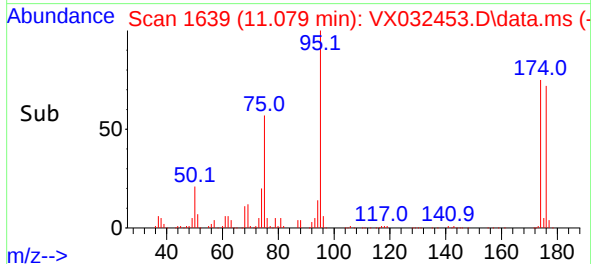
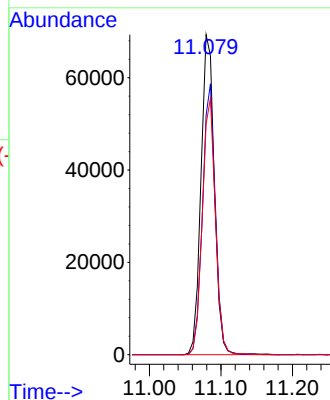
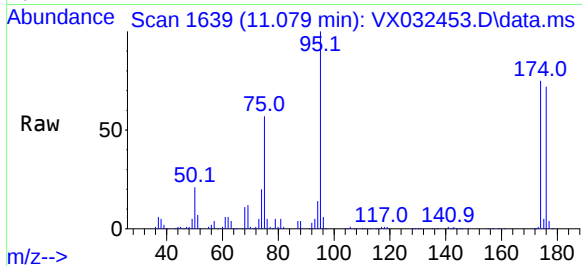




#62
4-Bromofluorobenzene
Concen: 45.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

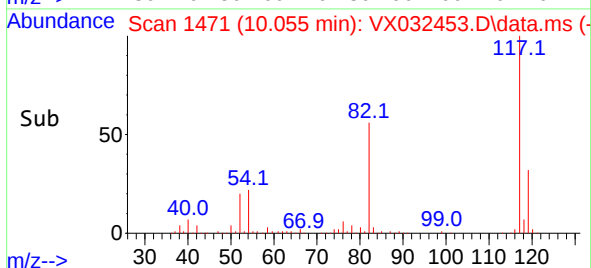
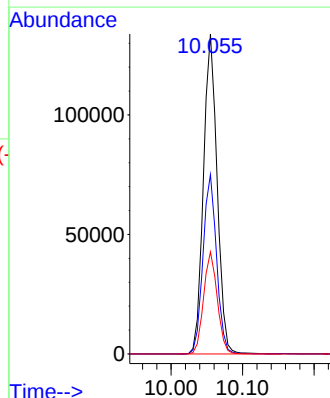
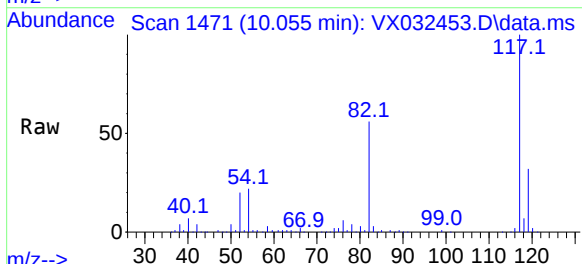
Instrument :
MSVOA_X
ClientSampleId :
SB-2

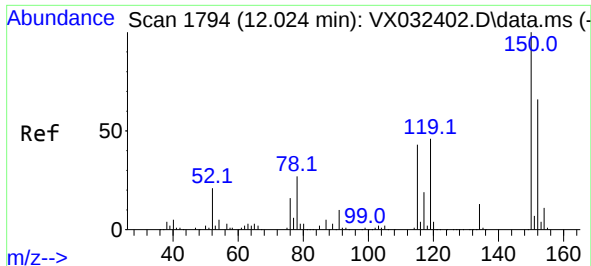
Tgt Ion: 95 Resp: 89632
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion: 117 Resp: 178087
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 31.9 25.7 38.5

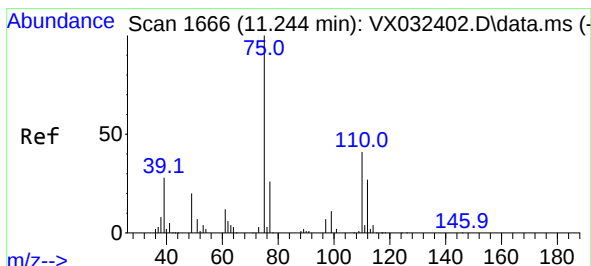
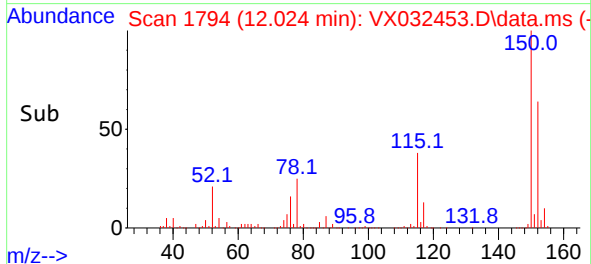
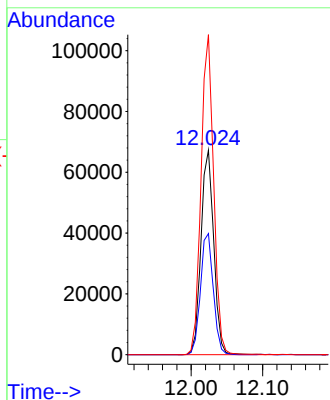
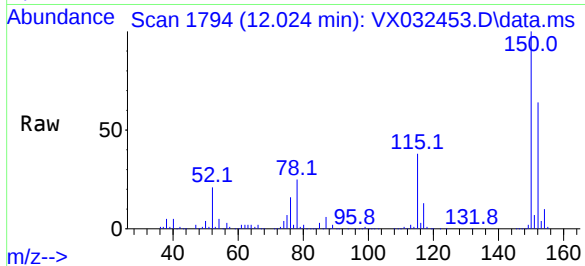




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

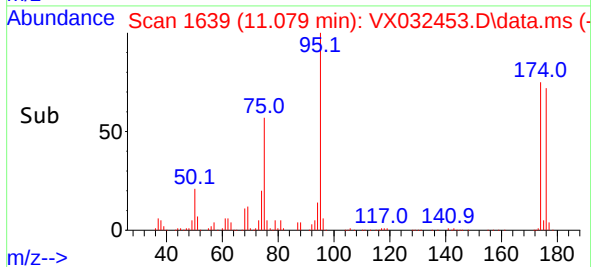
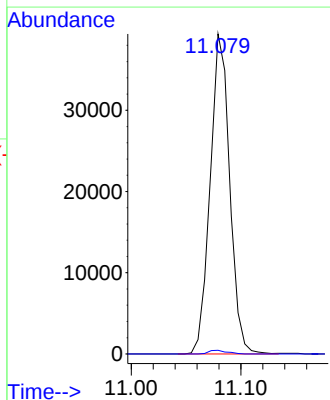
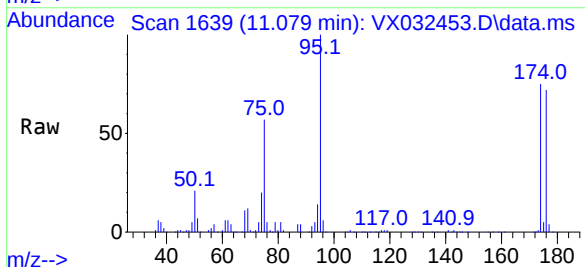
Instrument :
MSVOA_X
ClientSampleId :
SB-2

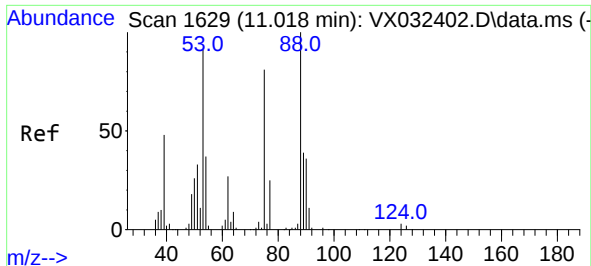
Tgt Ion:152 Resp: 83363
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 154.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032453.D
Acq: 28 Oct 2022 12:43

Tgt Ion: 75 Resp: 48786
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.703 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032453.D
 Acq: 28 Oct 2022 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Tgt Ion: 75 Resp: 48786
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

