

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032592.D
 Acq On : 05 Nov 2022 00:07
 Operator : JC/MD
 Sample : VX1104WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 06:21:03 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)

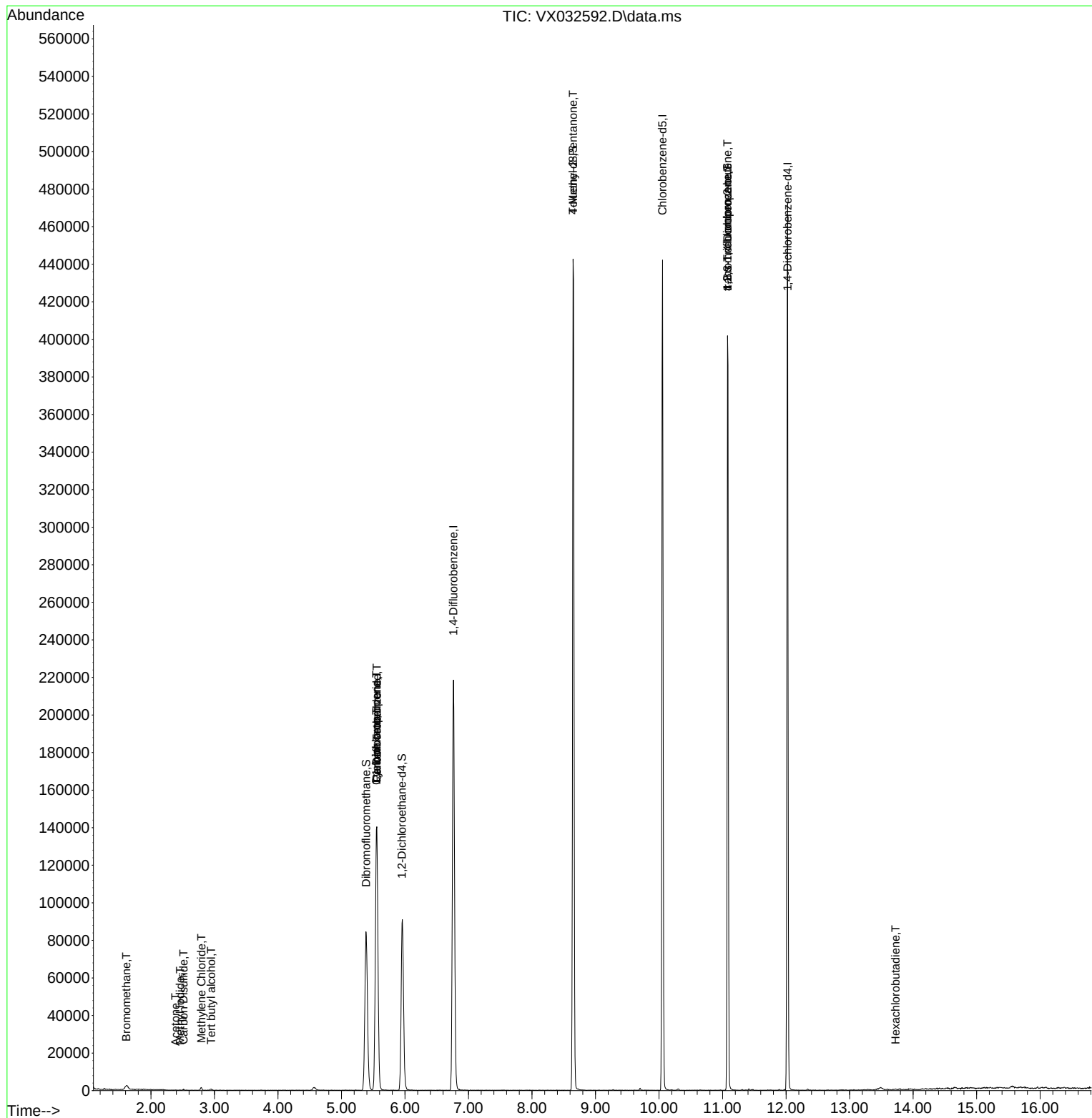
Internal Standards						
1) Pentafluorobenzene	5.556	168	132104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91328	49.755	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.520%
35) Dibromofluoromethane	5.385	113	72111	46.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	8.647	98	267250	49.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	102117	48.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	282	0.249	ug/l #	63
10) Methyl Iodide	2.459	142	99	1.977	ug/l #	37
11) Tert butyl alcohol	2.947	59	446	1.669	ug/l #	72
16) Acetone	2.386	43	226	0.339	ug/l #	45
17) Carbon Disulfide	2.514	76	639	0.203	ug/l #	82
20) Methylene Chloride	2.794	84	687	0.449	ug/l #	81
31) Cyclohexane	5.550	56	2963	1.331	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	10298	4.740	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13741	5.702	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54688	26.039	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	54688	82.858	ug/l #	6
94) Hexachlorobutadiene	13.725	225	214	0.230	ug/l #	55

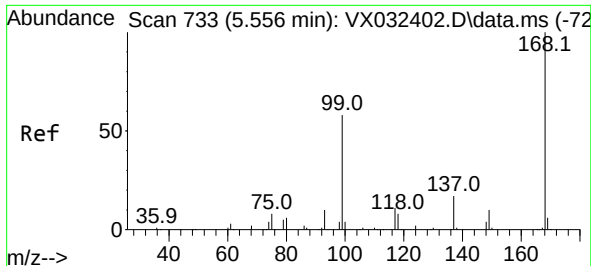
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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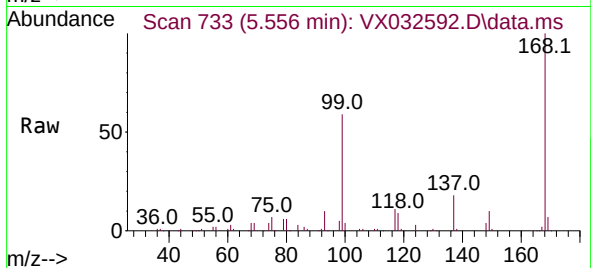
Quant Time: Nov 05 06:21:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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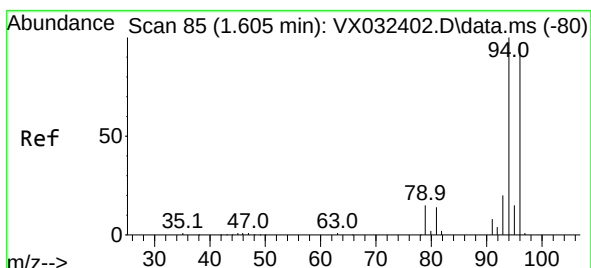
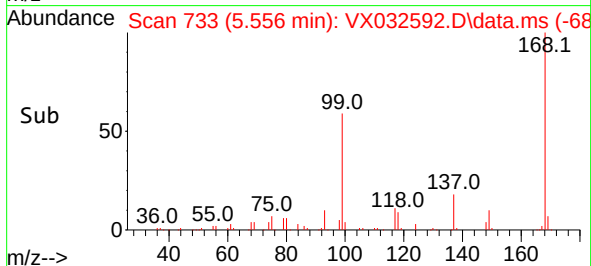
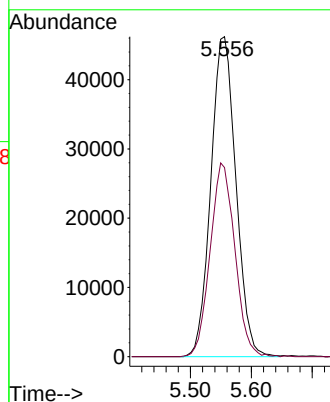


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :

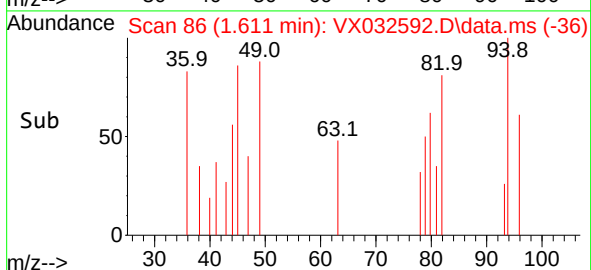
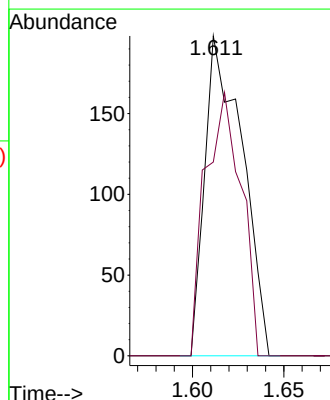
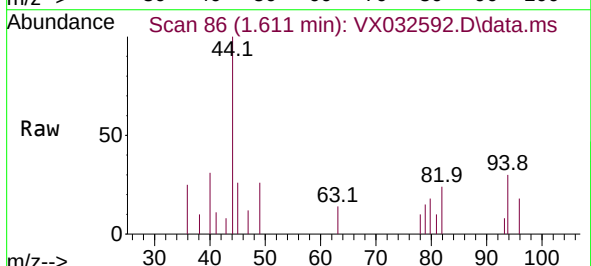


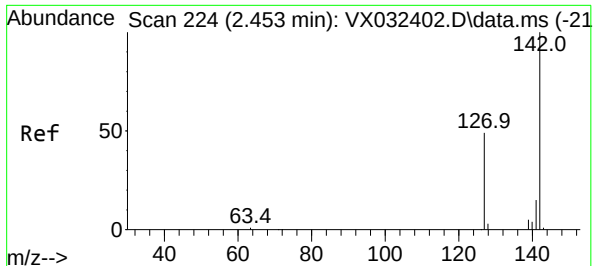
Tgt Ion:168 Resp: 132104
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

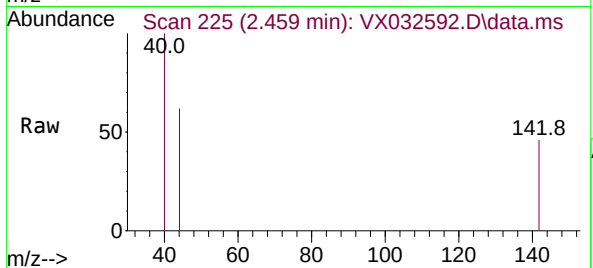
Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 60.6 77.6 116.4#



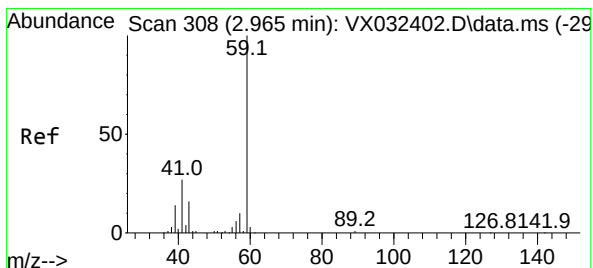
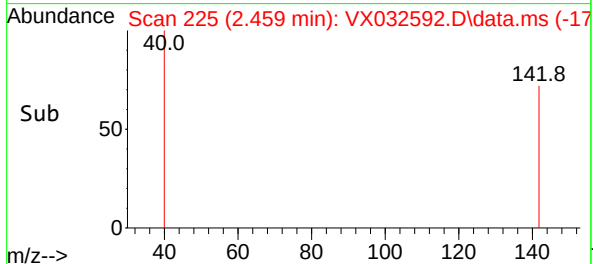
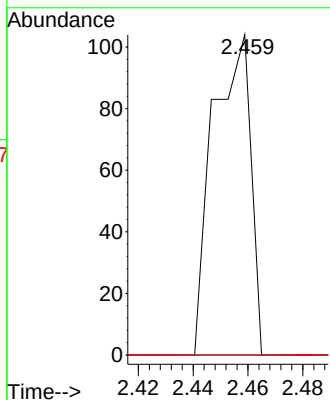


#10
Methyl Iodide
Concen: 1.977 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :

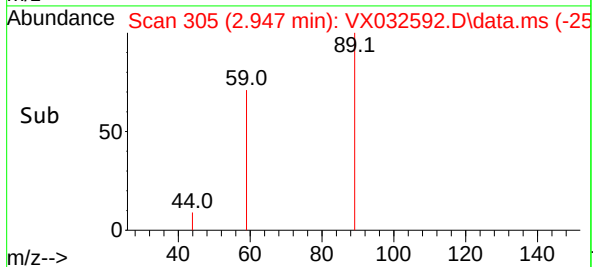
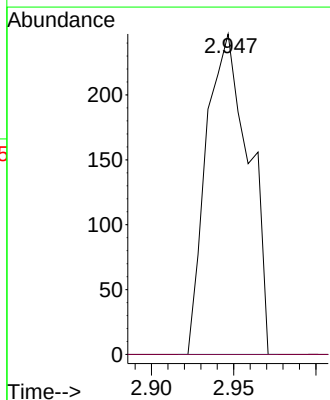
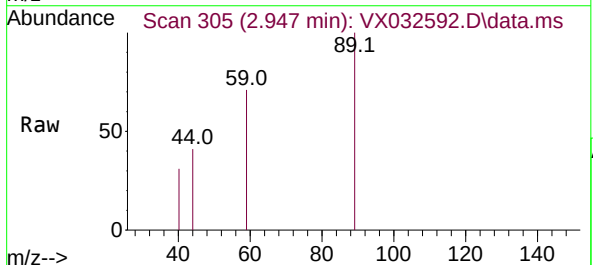


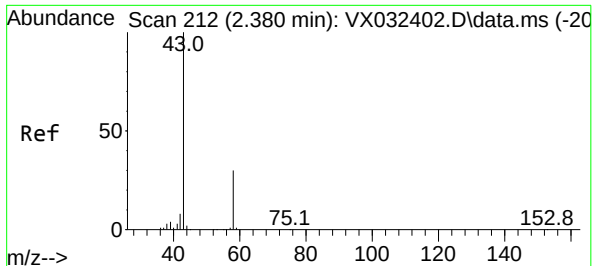
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.669 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Tgt Ion: 59 Resp: 446
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

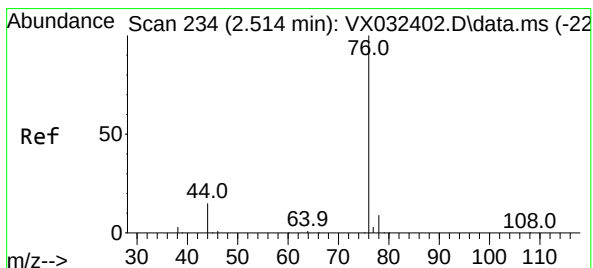
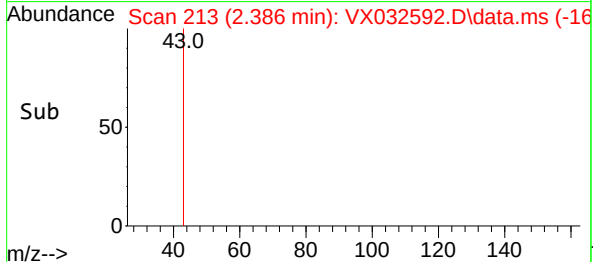
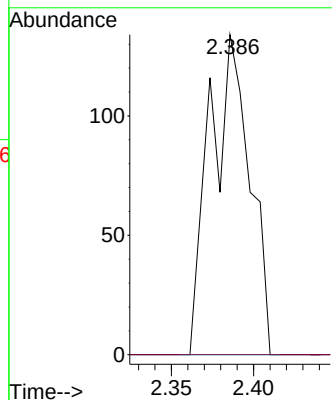
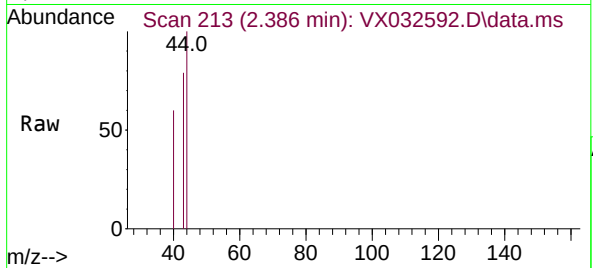




#16
Acetone
Concen: 0.339 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

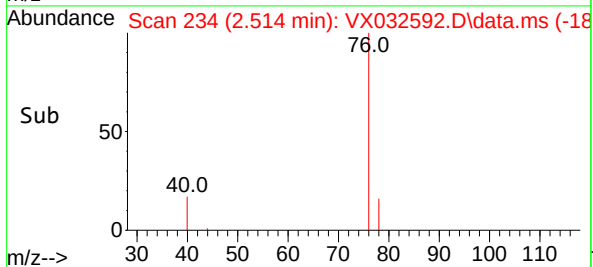
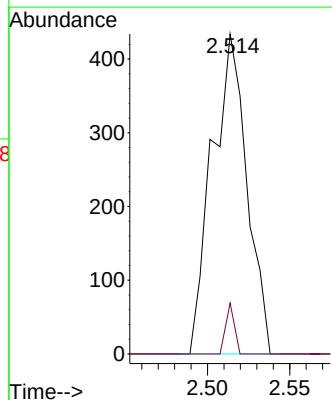
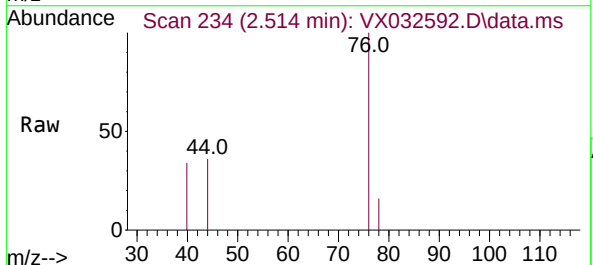
Instrument :
MSVOA_X
ClientSampleId :

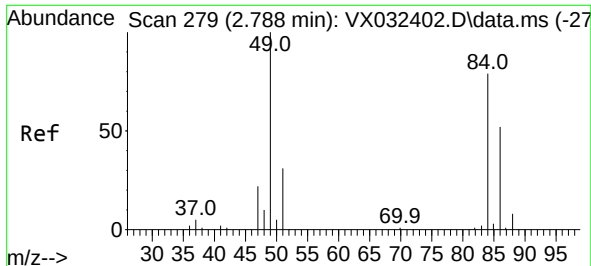
Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

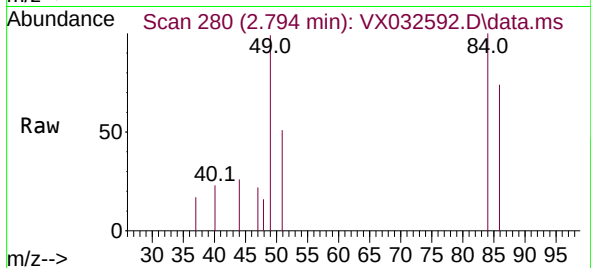
Tgt Ion: 76 Resp: 639
Ion Ratio Lower Upper
76 100
78 15.9 7.5 11.3#



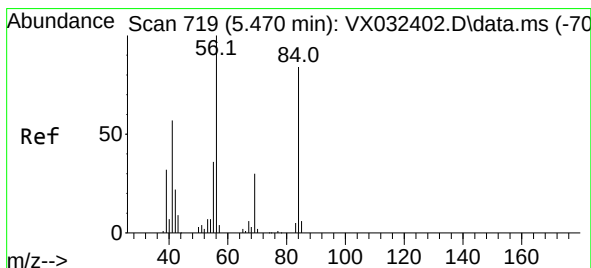
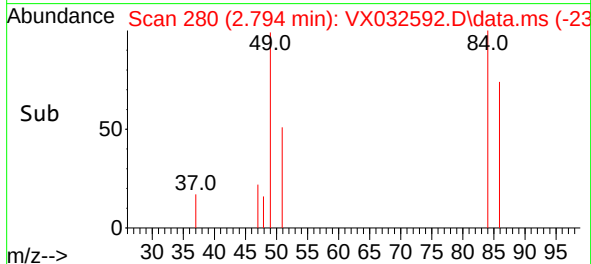
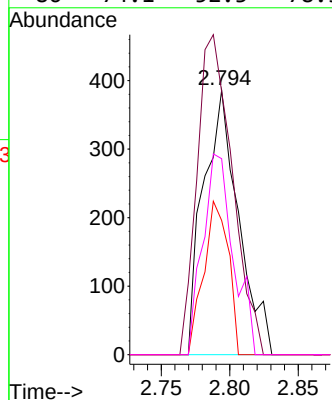


#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :

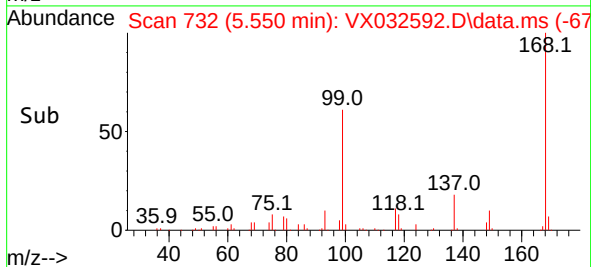
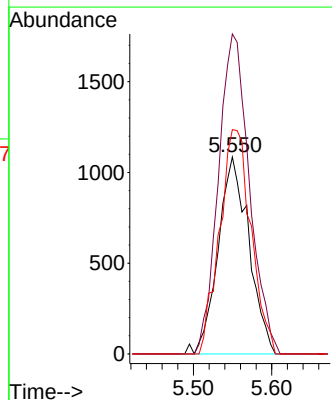
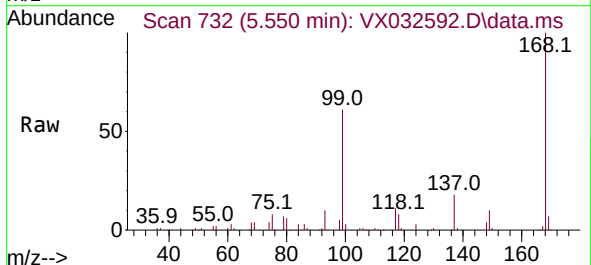


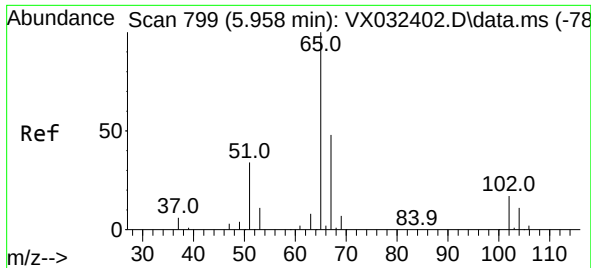
Tgt Ion:	84	Resp:	687
Ion	Ratio	Lower	Upper
84	100		
49	99.5	101.0	151.6#
51	50.8	31.1	46.7#
86	74.1	52.3	78.5



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Tgt Ion:	56	Resp:	2963
Ion	Ratio	Lower	Upper
56	100		
69	162.5	24.1	36.1#
84	113.9	66.9	100.3#

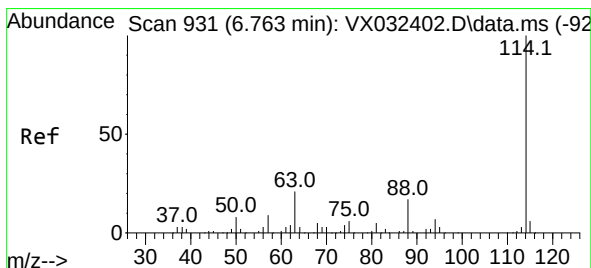
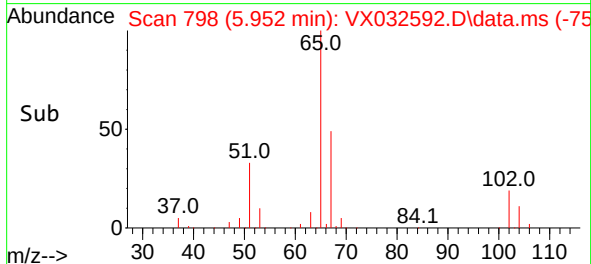
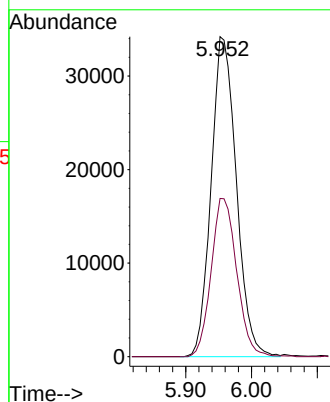
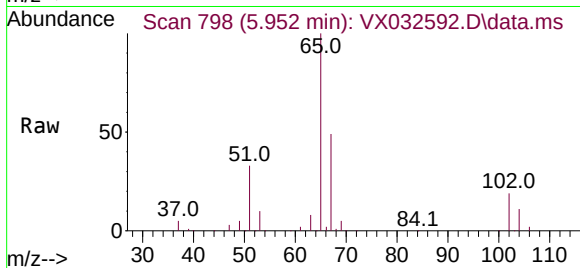




#33
 1,2-Dichloroethane-d4
 Concen: 49.755 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032592.D
 Acq: 05 Nov 2022 00:07

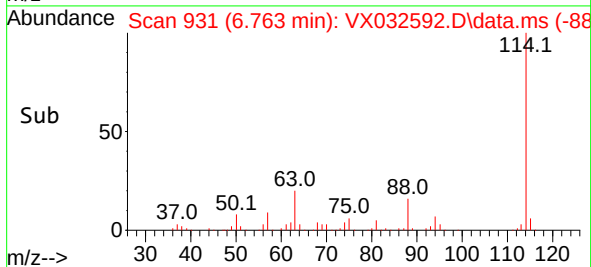
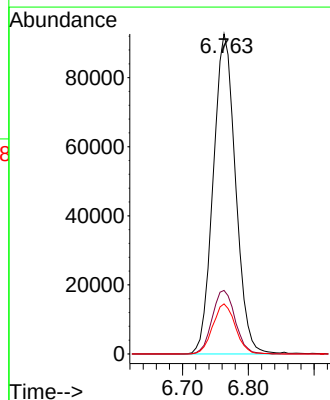
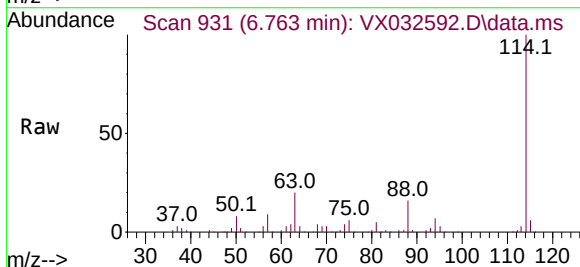
Instrument :
 MSVOA_X
 ClientSampleId :

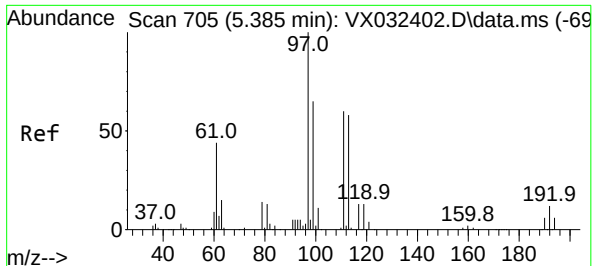
Tgt Ion: 65 Resp: 91328
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032592.D
 Acq: 05 Nov 2022 00:07

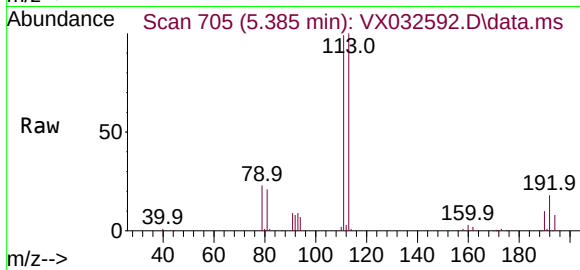
Tgt Ion: 114 Resp: 218717
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 15.7 0.0 33.4



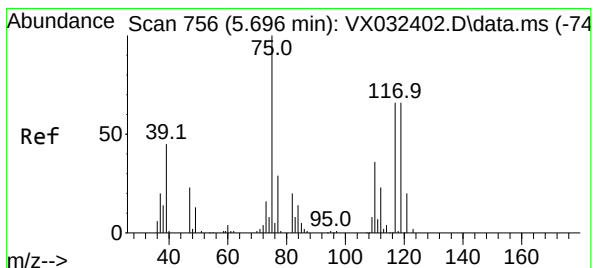
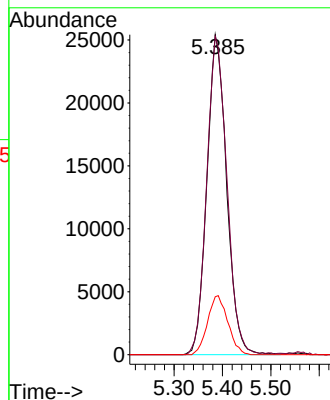
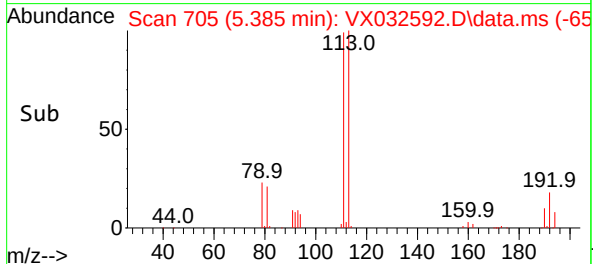


#35
Dibromofluoromethane
Concen: 46.221 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :

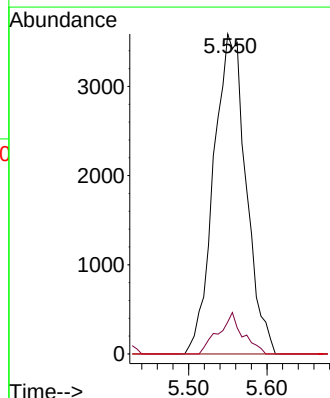
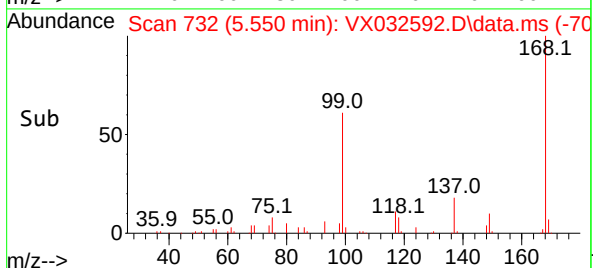
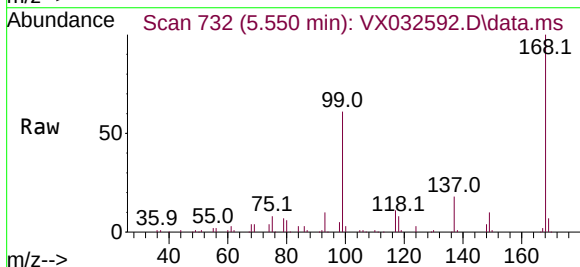


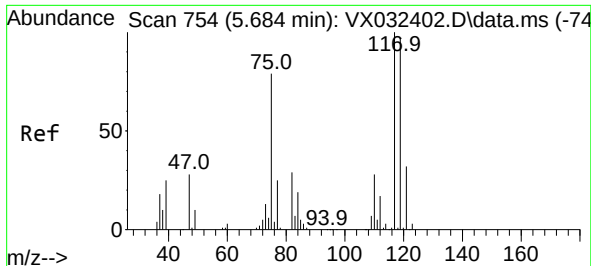
Tgt Ion:113 Resp: 72111
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

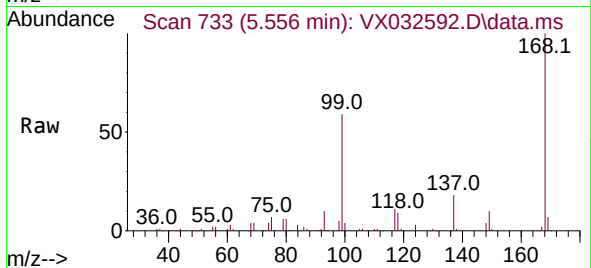
Tgt Ion: 75 Resp: 10298
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



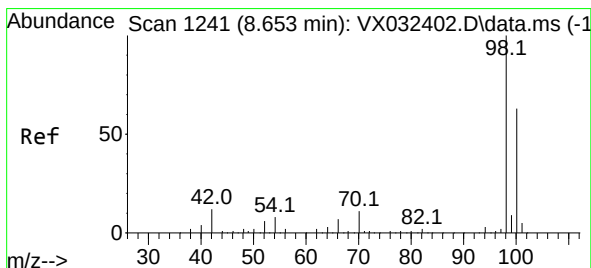
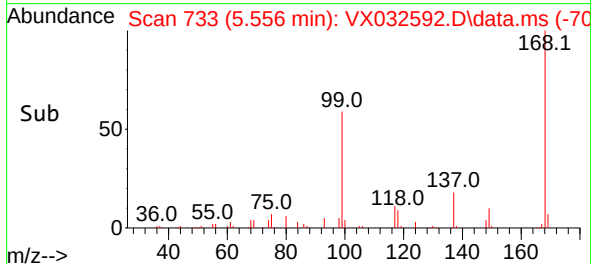
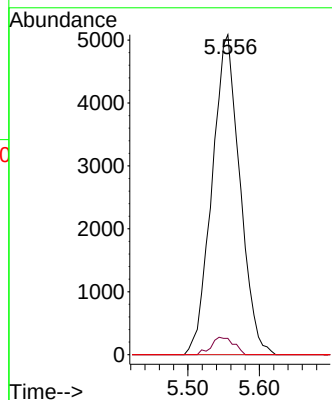


#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Instrument :
MSVOA_X
ClientSampleId :

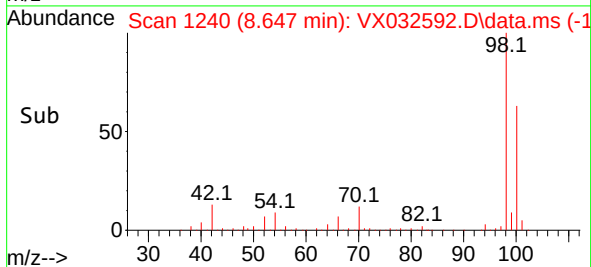
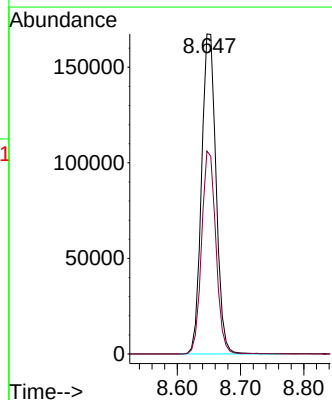
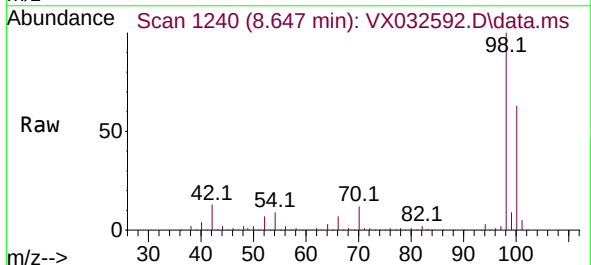


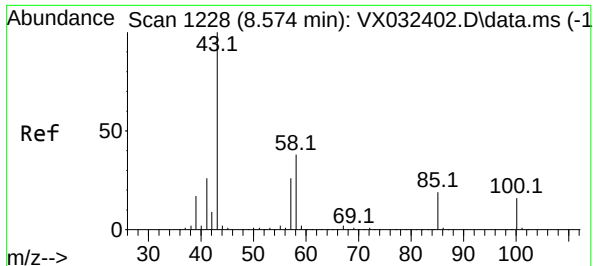
Tgt Ion:117 Resp: 13741
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Tgt Ion: 98 Resp: 267250
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.559 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032592.D

Acq: 05 Nov 2022 00:07

Instrument :

MSVOA_X

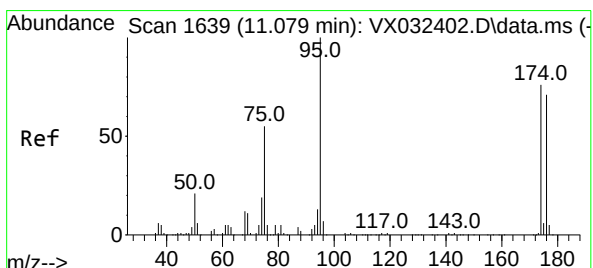
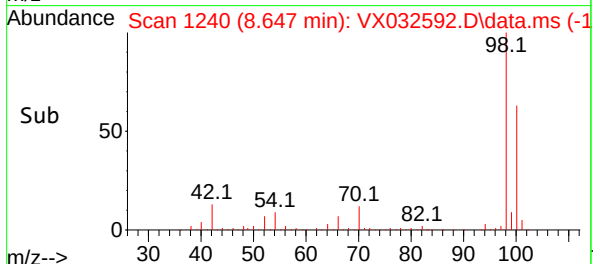
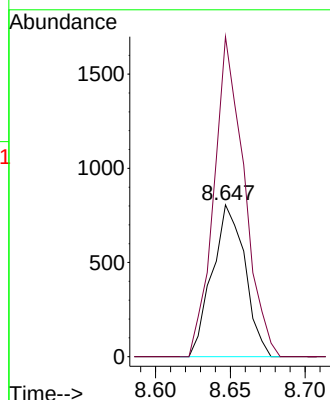
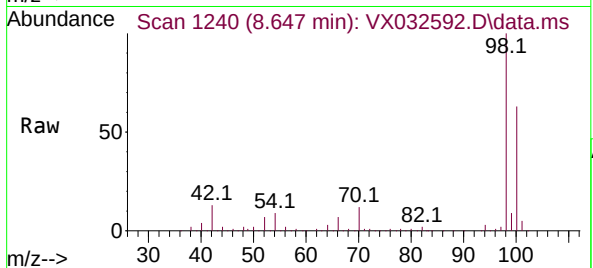
ClientSampleId :

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

58 195.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 48.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032592.D

Acq: 05 Nov 2022 00:07

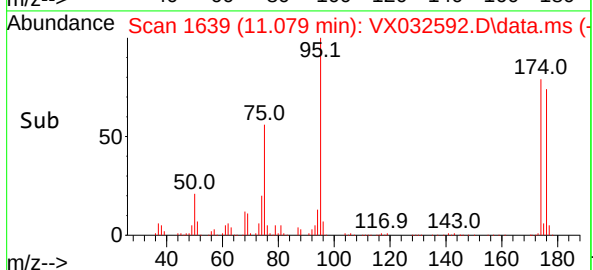
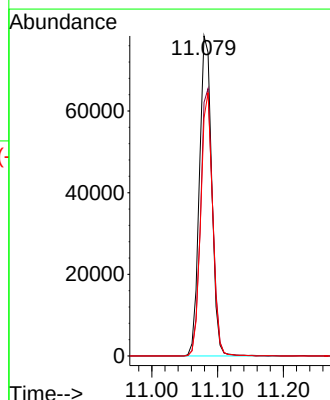
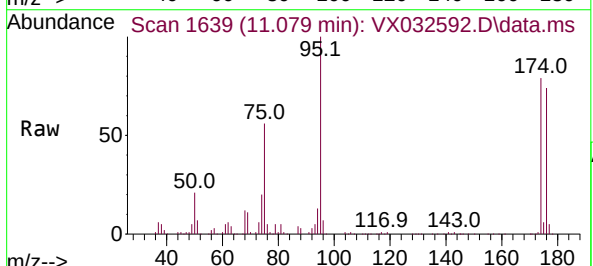
Tgt Ion: 95 Resp: 102117

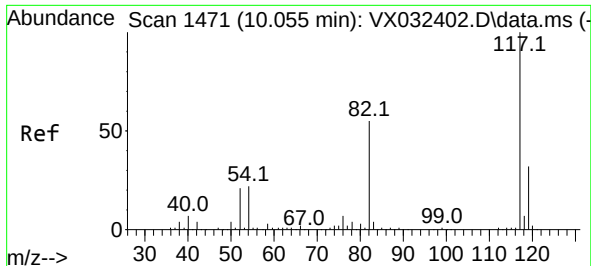
Ion Ratio Lower Upper

95 100

174 82.2 0.0 164.0

176 79.8 0.0 154.4

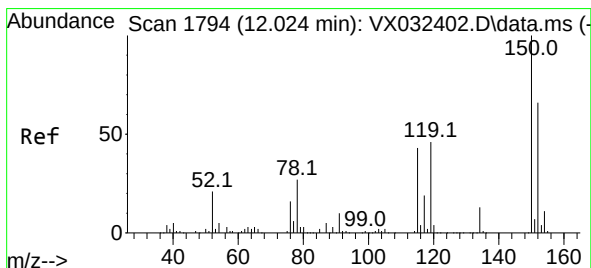
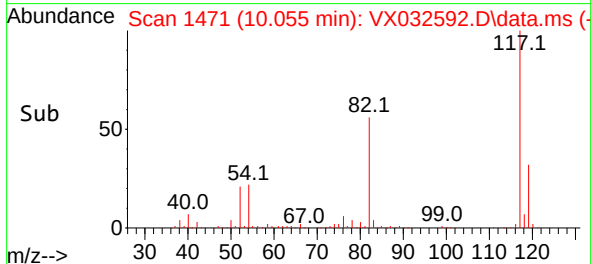
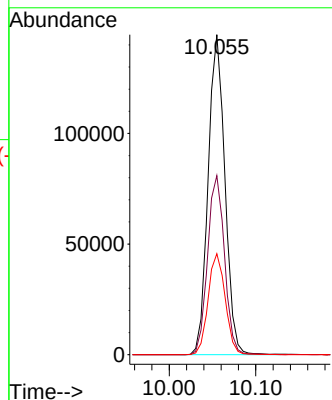
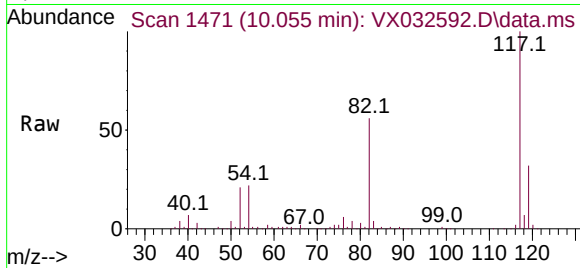




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

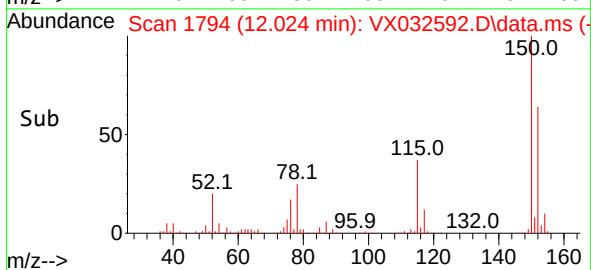
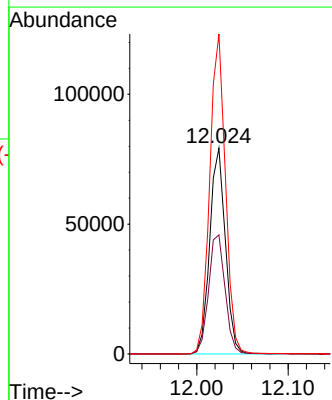
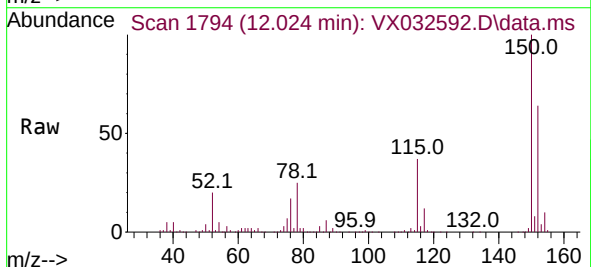
Instrument :
MSVOA_X
ClientSampleId :

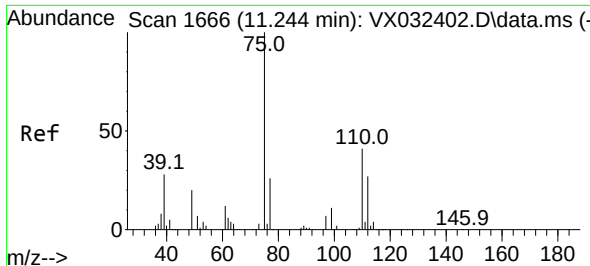
Tgt Ion:117 Resp: 194845
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Tgt Ion:152 Resp: 94402
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 155.4 0.0 351.8

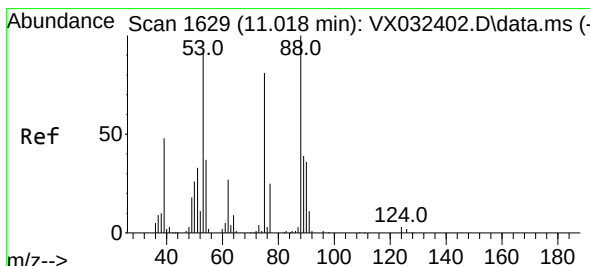
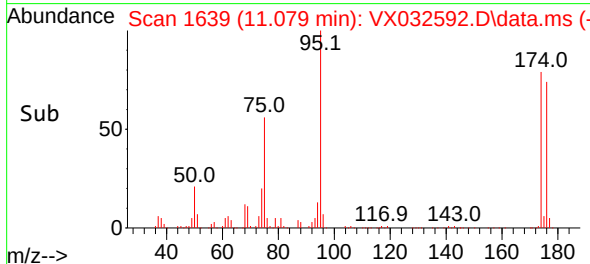
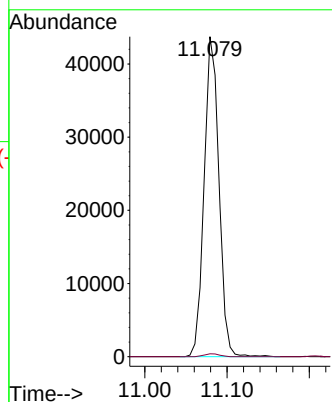
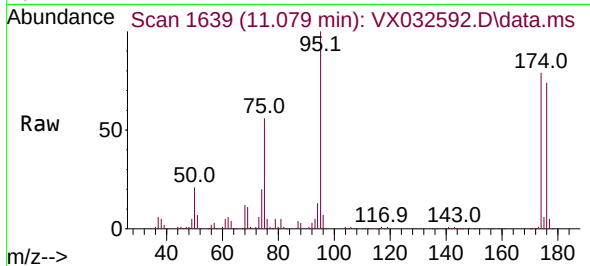




#76
1,2,3-Trichloropropane
Concen: 26.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

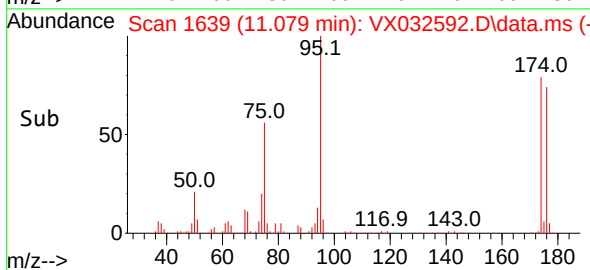
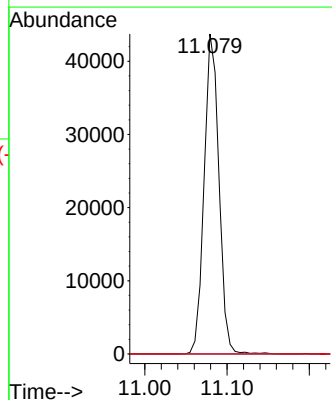
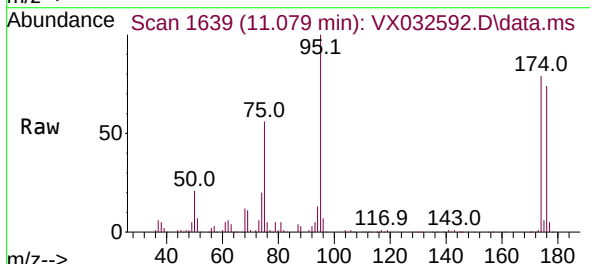
Instrument :
MSVOA_X
ClientSampleId :

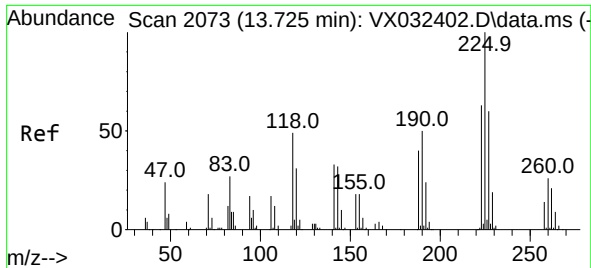
Tgt Ion: 75 Resp: 54688
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032592.D
Acq: 05 Nov 2022 00:07

Tgt Ion: 75 Resp: 54688
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#94

Hexachlorobutadiene

Concen: 0.230 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

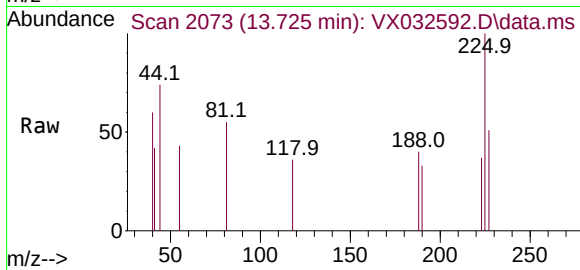
Lab File: VX032592.D

Acq: 05 Nov 2022 00:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	225	Resp:	214
Ion	Ratio	Lower	Upper
225	100		
223	22.4	31.9	95.9#
227	35.5	31.9	95.5

