

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035462.D
 Acq On : 02 May 2023 00:49
 Operator : JC/MD
 Sample : 02521-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-15

Quant Time: May 02 02:44:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

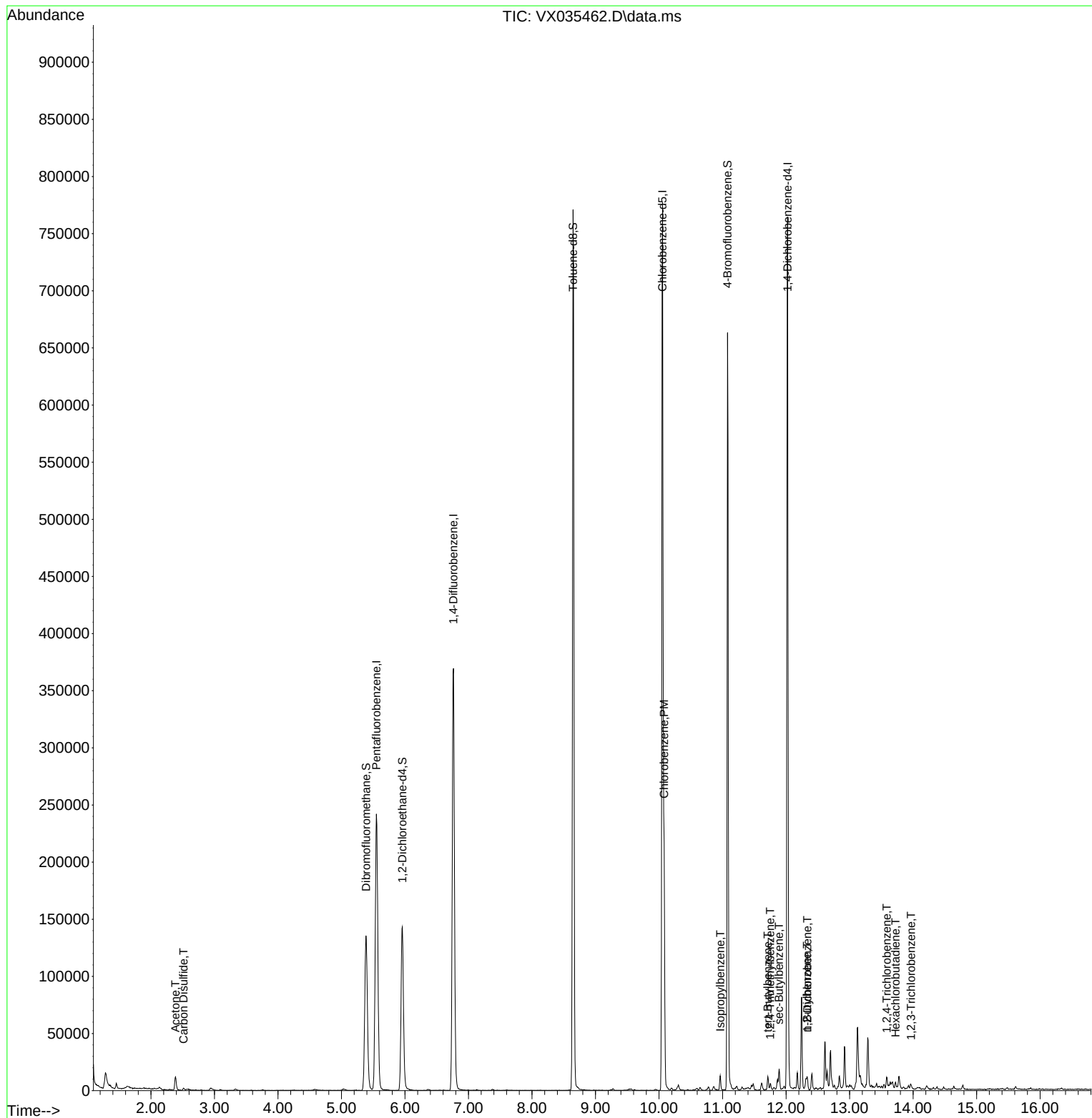
Internal Standards						
1) Pentafluorobenzene	5.550	168	239798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139857	48.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.385	113	122266	50.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.647	98	466400	51.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	175927	51.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12090	9.622	ug/l	97
17) Carbon Disulfide	2.514	76	2333	0.418	ug/l	95
65) Chlorobenzene	10.079	112	90897	11.649	ug/l	100
73) Isopropylbenzene	10.963	105	6799	0.554	ug/l	99
83) tert-Butylbenzene	11.713	119	4450	0.428	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	2374	0.228	ug/l	98
85) sec-Butylbenzene	11.890	105	8681	0.681	ug/l #	67
89) n-Butylbenzene	12.329	91	3467	0.379	ug/l #	83
91) 1,2-Dichlorobenzene	12.335	146	1496	0.258	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	1169	0.321	ug/l #	87
94) Hexachlorobutadiene	13.725	225	722	0.451	ug/l	75
96) 1,2,3-Trichlorobenzene	13.969	180	1030	0.281	ug/l #	77

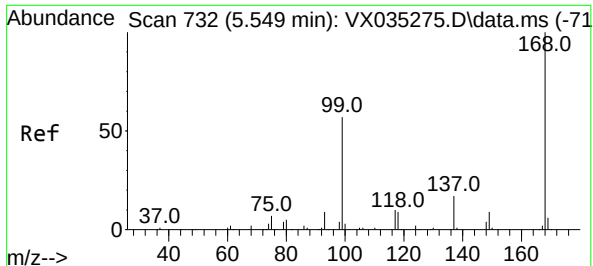
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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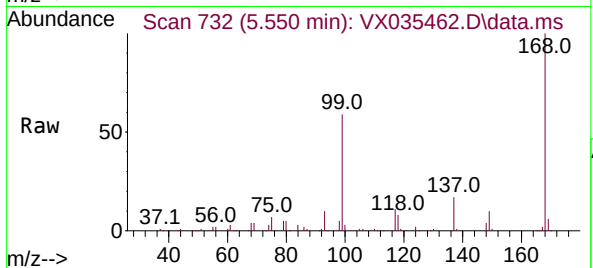
Quant Time: May 02 02:44:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



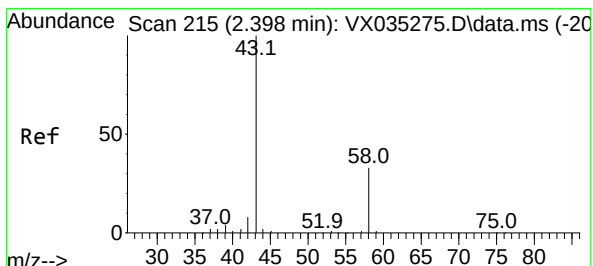
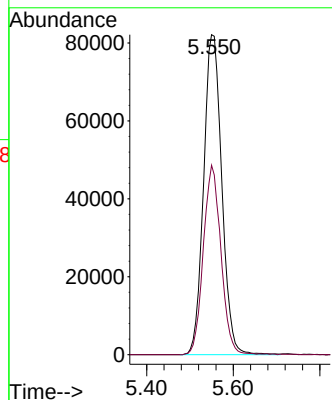
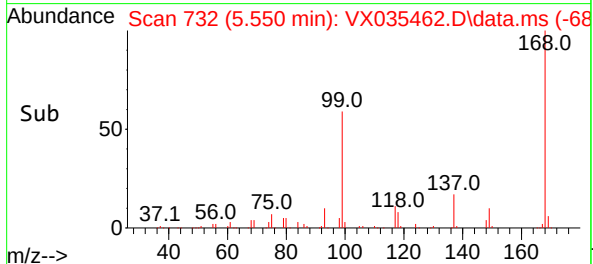


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Instrument :
MSVOA_X
ClientSampleId :
PZ-15

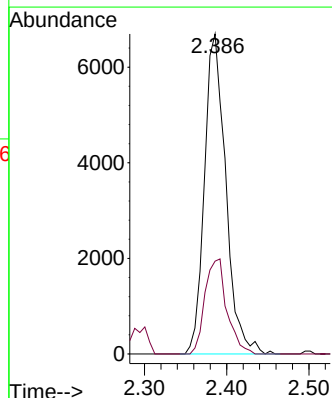
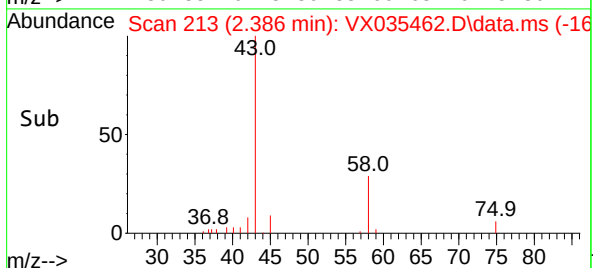
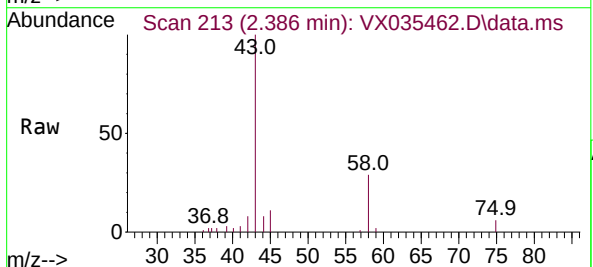


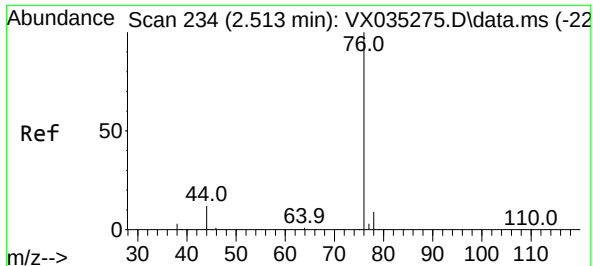
Tgt Ion:168 Resp: 239798
Ion Ratio Lower Upper
168 100
99 59.2 45.7 68.5



#16
Acetone
Concen: 9.622 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Tgt Ion: 43 Resp: 12090
Ion Ratio Lower Upper
43 100
58 29.0 24.7 37.1

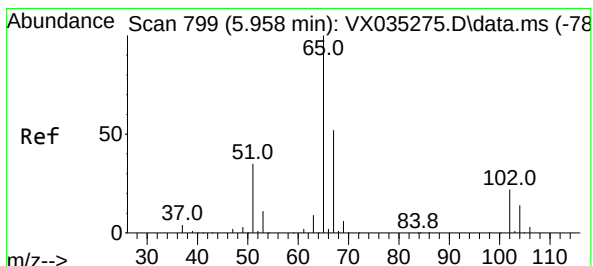
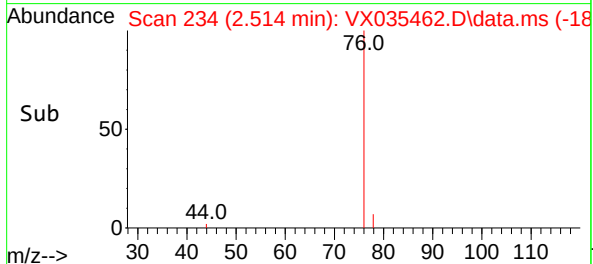
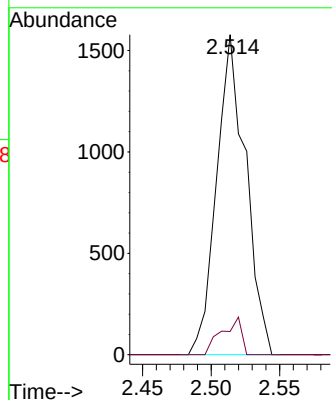
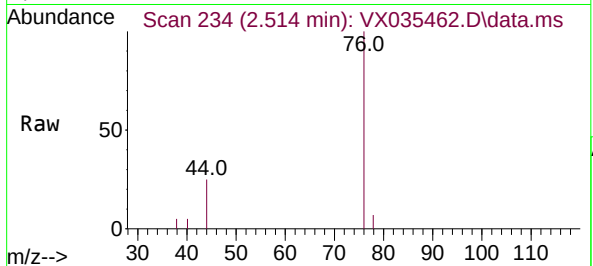




#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

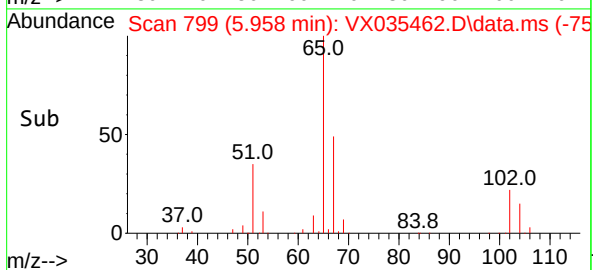
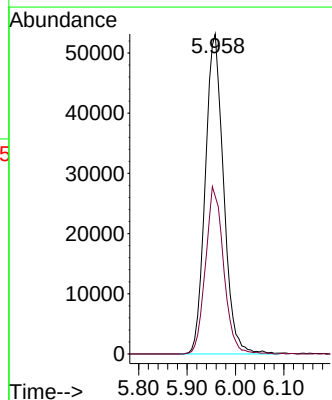
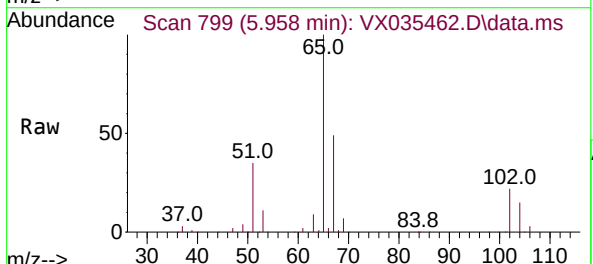
Instrument :
MSVOA_X
ClientSampleId :
PZ-15

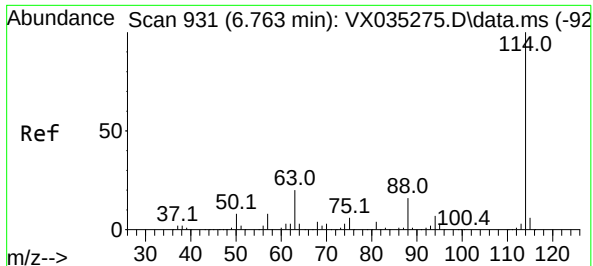
Tgt Ion: 76 Resp: 2333
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 48.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Tgt Ion: 65 Resp: 139857
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

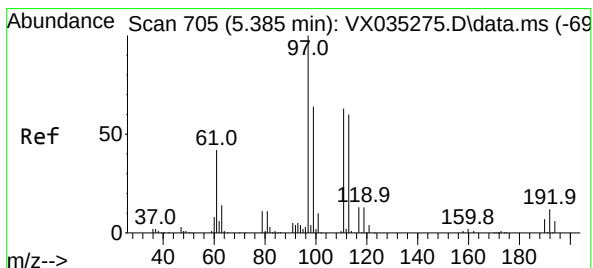
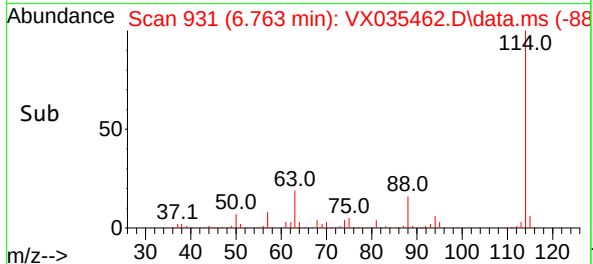
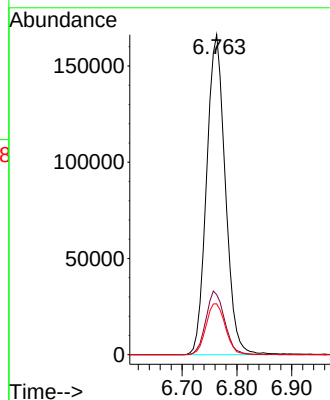
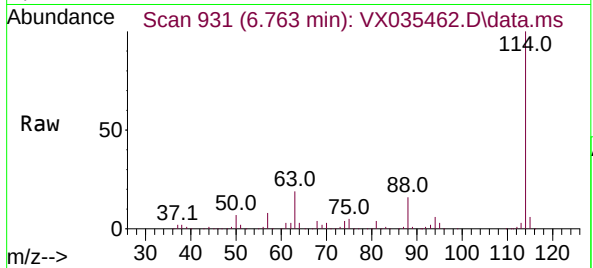




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

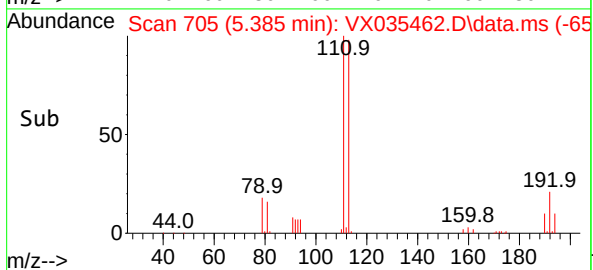
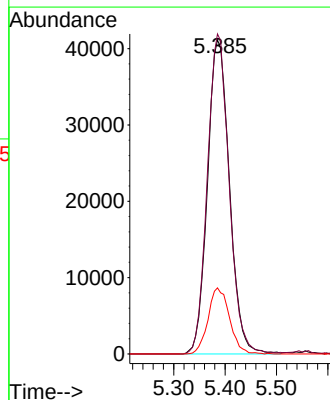
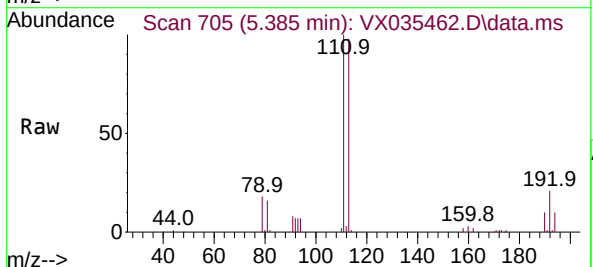
Instrument :
MSVOA_X
ClientSampleId :
PZ-15

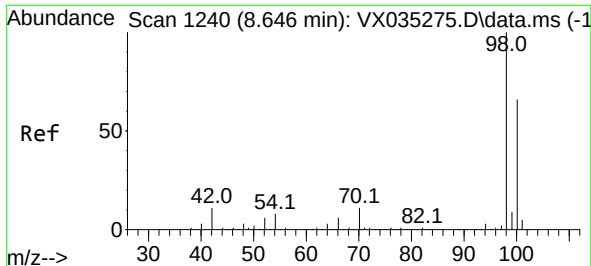
Tgt Ion:114 Resp: 393259
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.655 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Tgt Ion:113 Resp: 122266
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 20.5 15.4 23.2

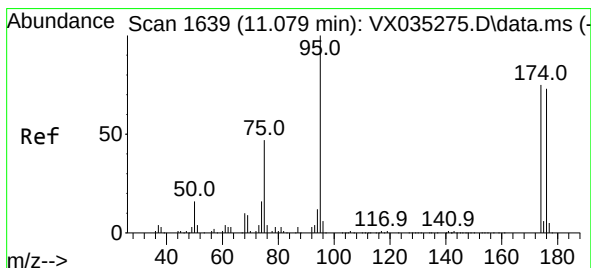
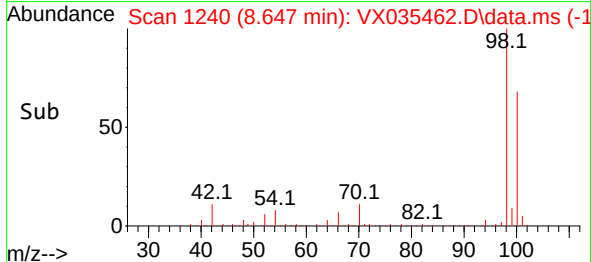
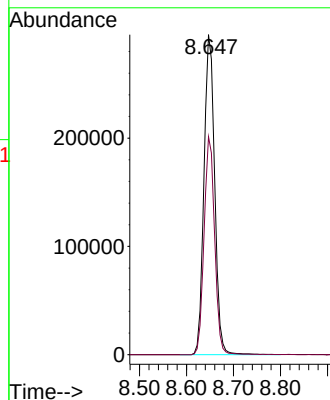
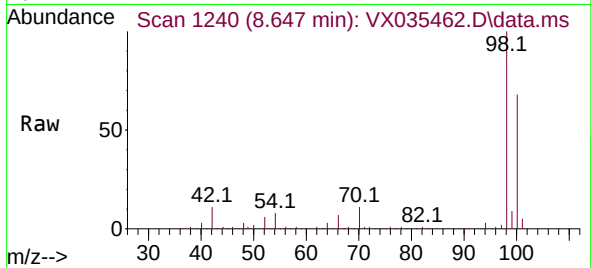




#50
Toluene-d8
Concen: 51.223 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

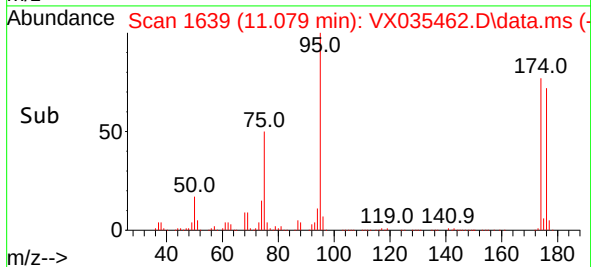
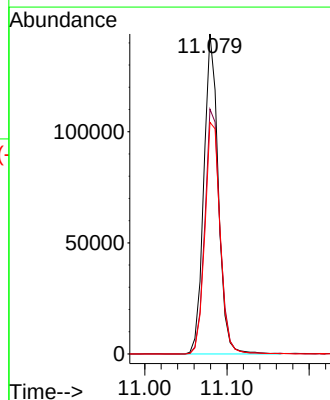
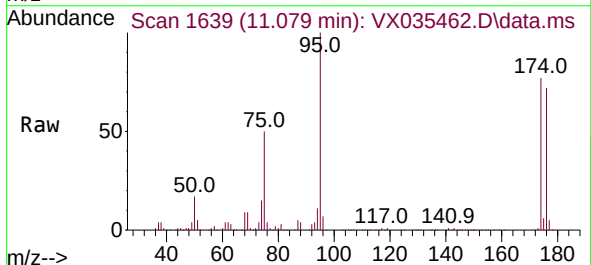
Instrument :
MSVOA_X
ClientSampleId :
PZ-15

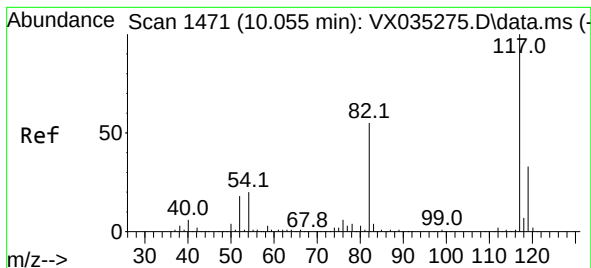
Tgt Ion: 98 Resp: 466400
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Tgt Ion: 95 Resp: 175927
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 76.8 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: VX035462.D

Acq: 02 May 2023 00:49

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

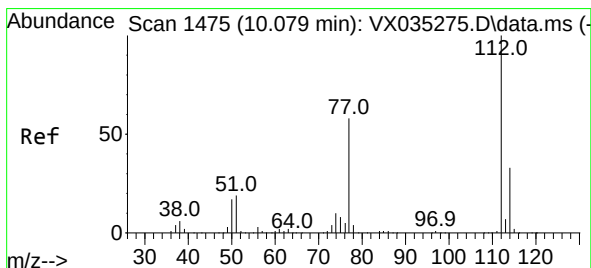
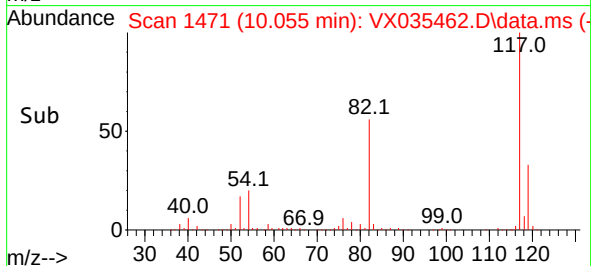
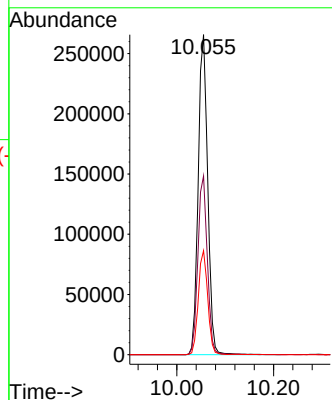
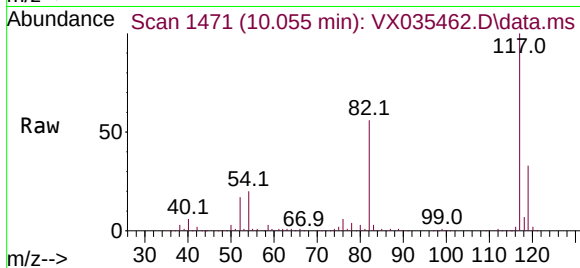
Tgt Ion:117 Resp: 360660

Ion Ratio Lower Upper

117 100

82 55.9 45.0 67.4

119 32.5 26.0 39.0



#65

Chlorobenzene

Concen: 11.649 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035462.D

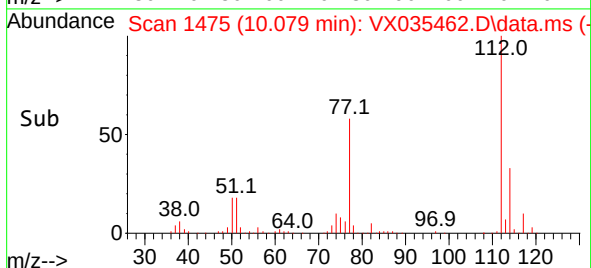
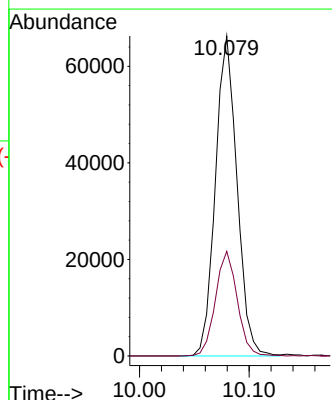
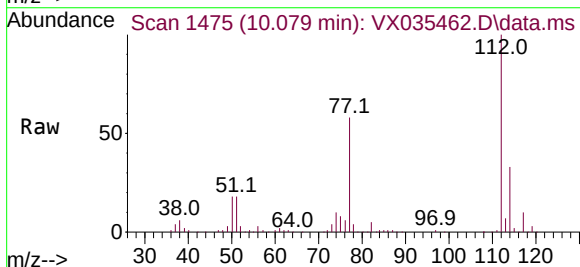
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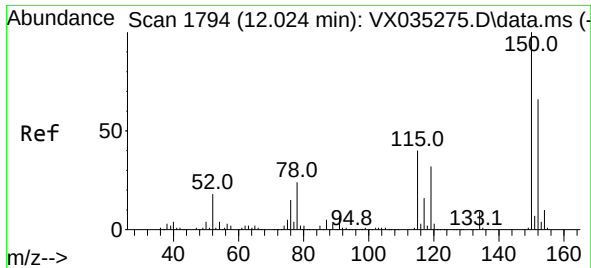
Tgt Ion:112 Resp: 90897

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2

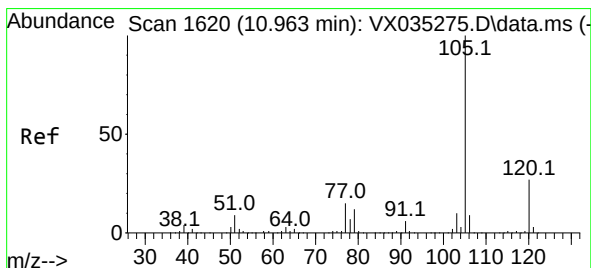
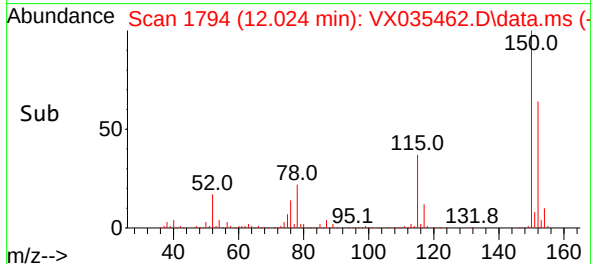
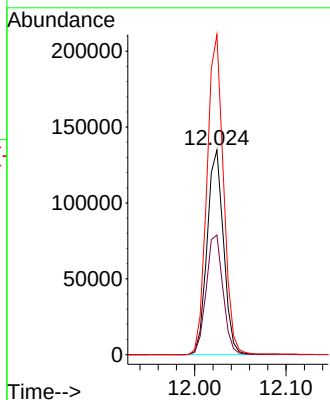
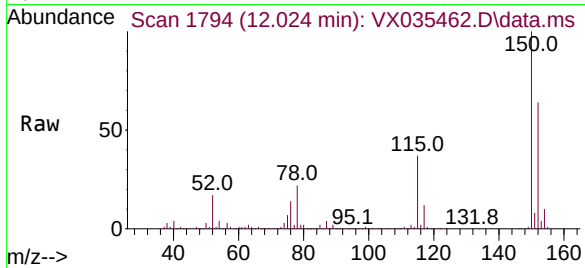




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

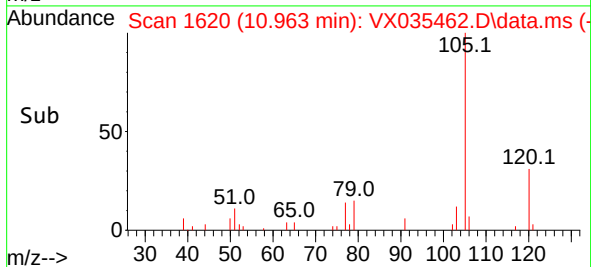
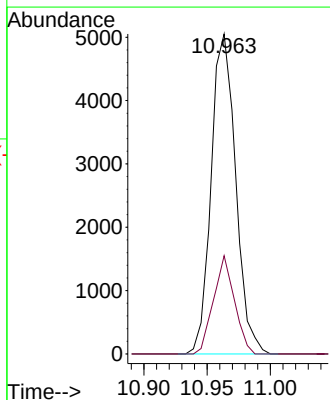
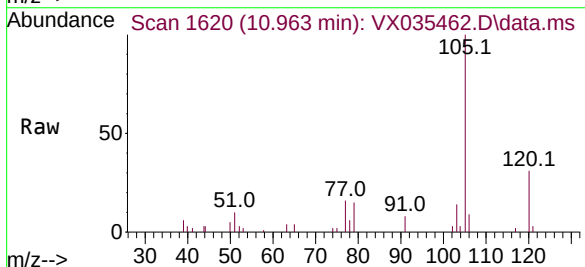
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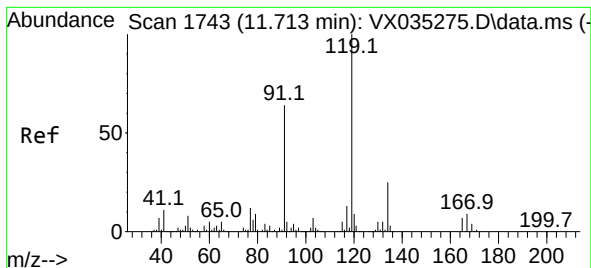
Tgt Ion:152 Resp: 167957
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 157.6 0.0 352.4



#73
Isopropylbenzene
Concen: 0.554 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035462.D
Acq: 02 May 2023 00:49

Tgt Ion:105 Resp: 6799
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 0.428 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

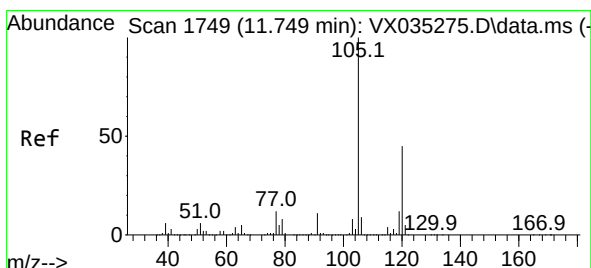
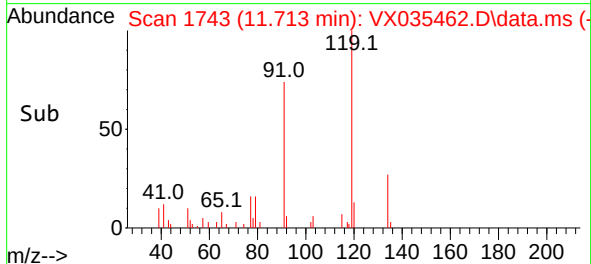
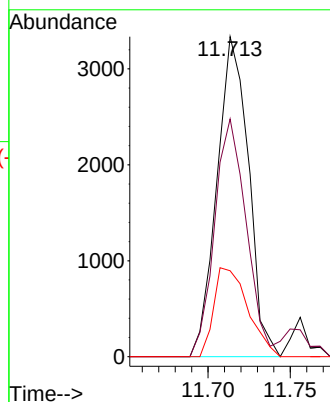
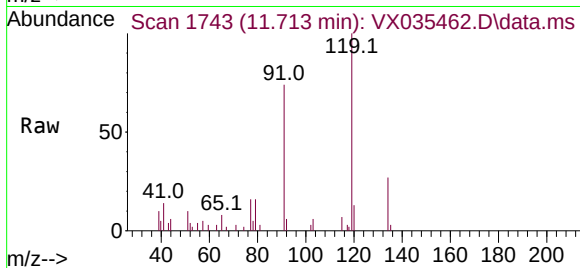
Tgt Ion:119 Resp: 4450

Ion Ratio Lower Upper

119 100

91 74.4 30.6 92.0

134 29.9 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035462.D

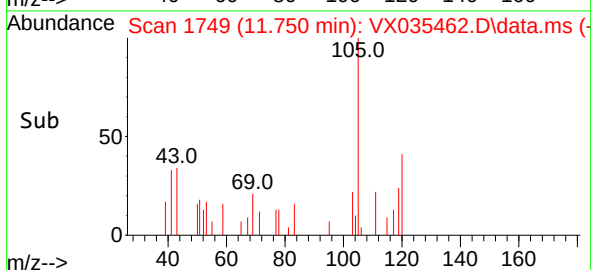
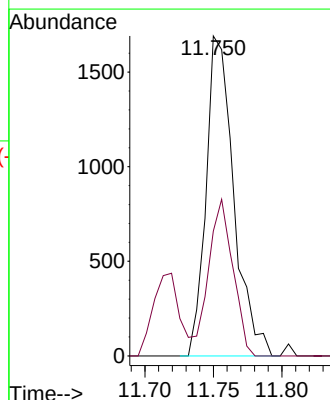
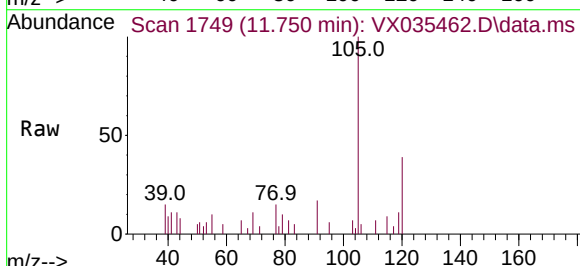
Acq: 02 May 2023 00:49

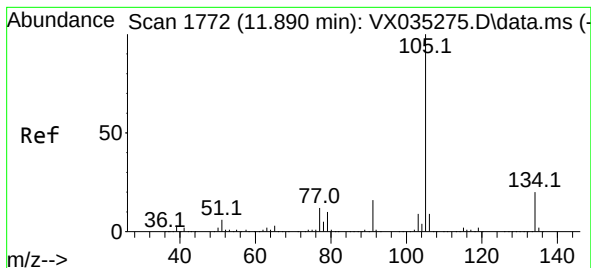
Tgt Ion:105 Resp: 2374

Ion Ratio Lower Upper

105 100

120 43.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.681 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

Instrument :

MSVOA_X

ClientSampleId :

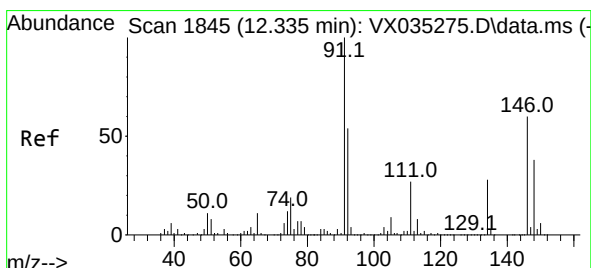
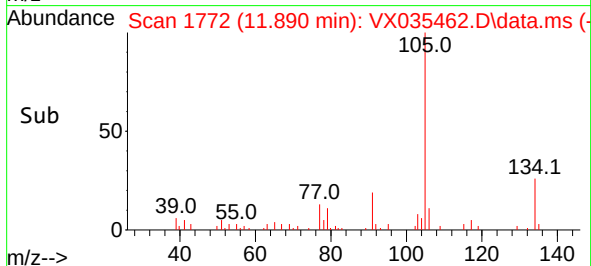
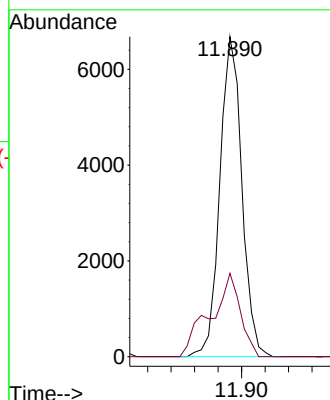
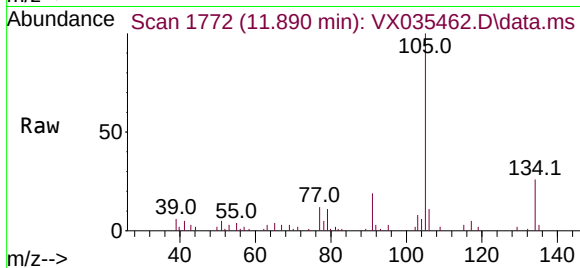
PZ-15

Tgt Ion:105 Resp: 8681

Ion Ratio Lower Upper

105 100

134 35.6 10.2 30.4#



#89

n-Butylbenzene

Concen: 0.379 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

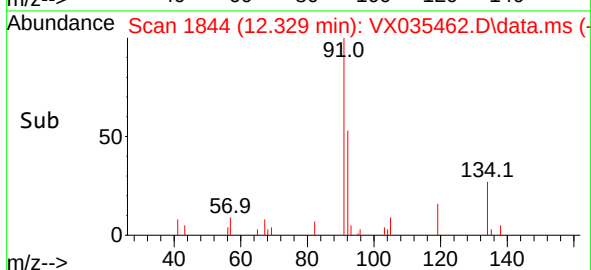
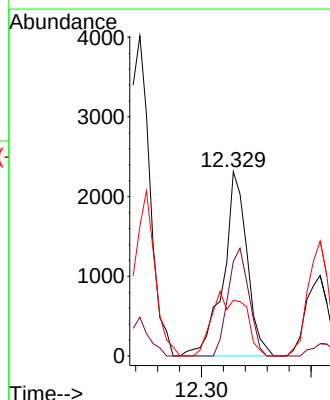
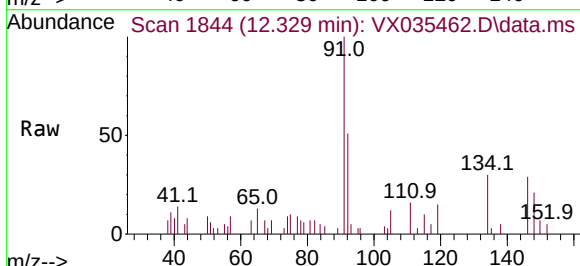
Tgt Ion: 91 Resp: 3467

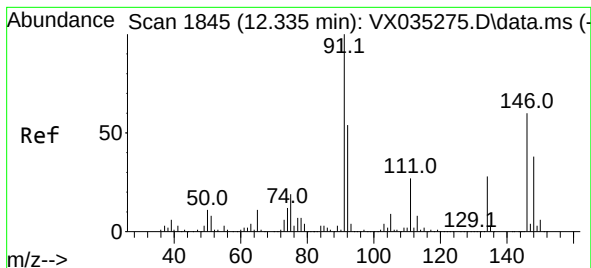
Ion Ratio Lower Upper

91 100

92 51.9 27.7 83.0

134 48.1 13.0 38.9#





#91

1,2-Dichlorobenzene

Concen: 0.258 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

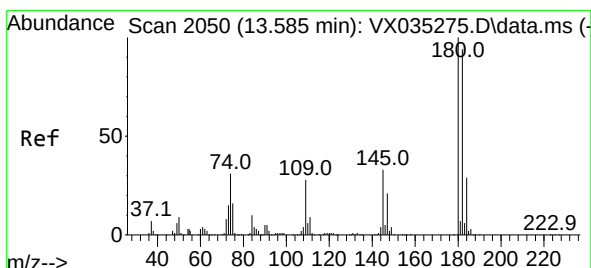
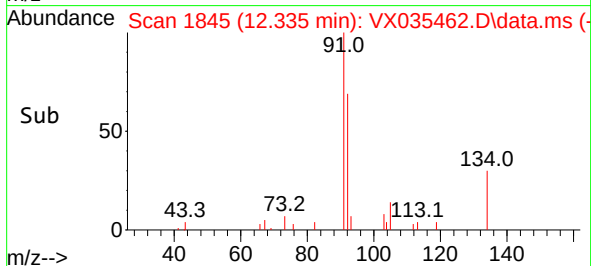
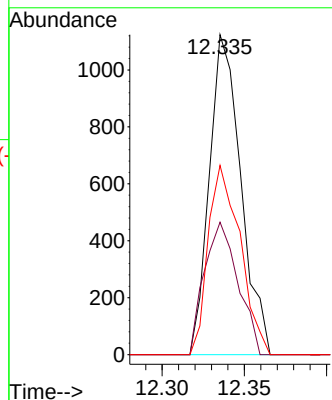
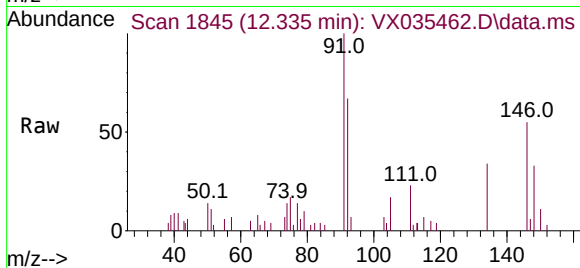
Tgt Ion:146 Resp: 1496

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

148 60.0 32.0 96.0



#93

1,2,4-Trichlorobenzene

Concen: 0.321 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

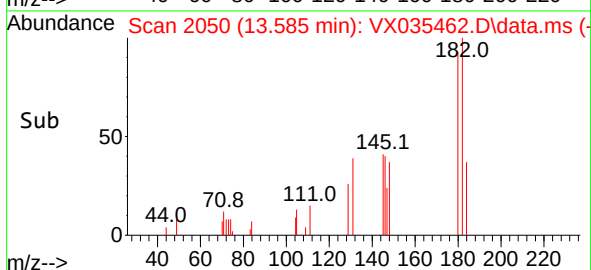
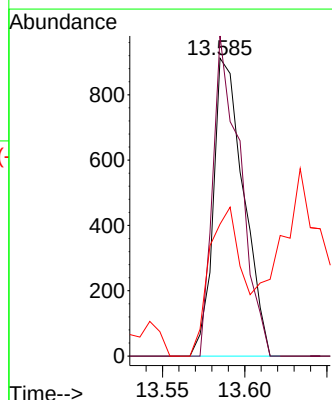
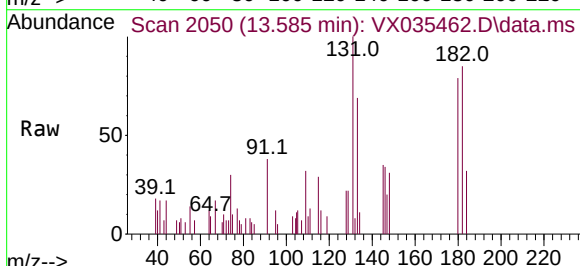
Tgt Ion:180 Resp: 1169

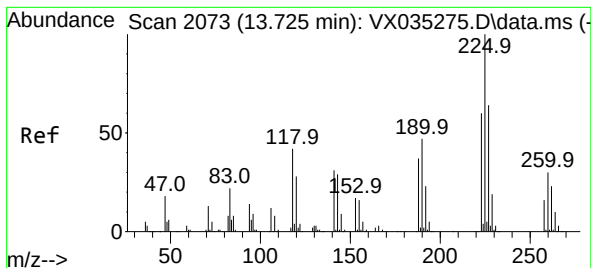
Ion Ratio Lower Upper

180 100

182 97.5 47.0 141.0

145 54.6 15.9 47.7#





#94

Hexachlorobutadiene

Concen: 0.451 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

Instrument :

MSVOA_X

ClientSampleId :

PZ-15

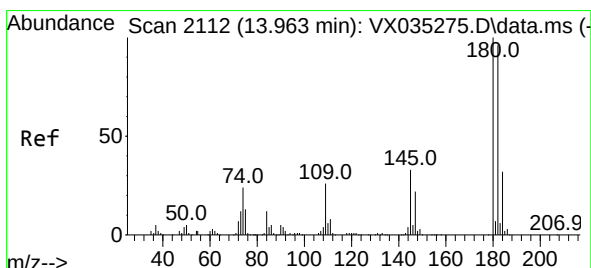
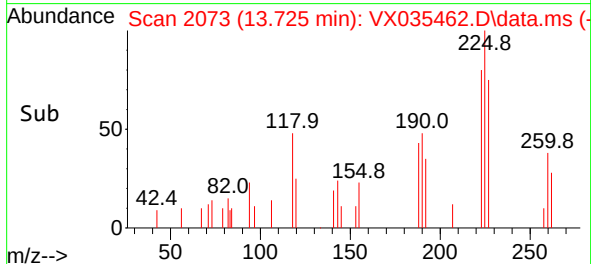
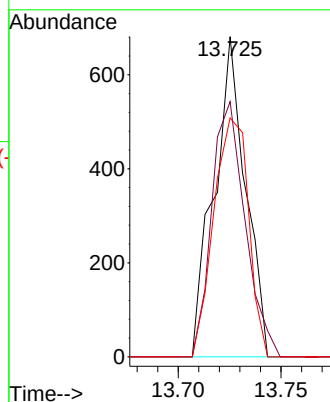
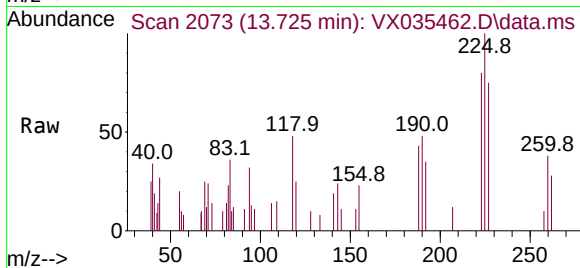
Tgt Ion:225 Resp: 722

Ion Ratio Lower Upper

225 100

223 84.8 32.1 96.5

227 82.7 31.8 95.4



#96

1,2,3-Trichlorobenzene

Concen: 0.281 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX035462.D

Acq: 02 May 2023 00:49

Tgt Ion:180 Resp: 1030

Ion Ratio Lower Upper

180 100

182 82.9 48.0 144.2

145 63.8 17.7 53.1#

