

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035106.D
 Acq On : 17 Apr 2023 14:06
 Operator : JC/MD
 Sample : 02353-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1263

Quant Time: Apr 18 05:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

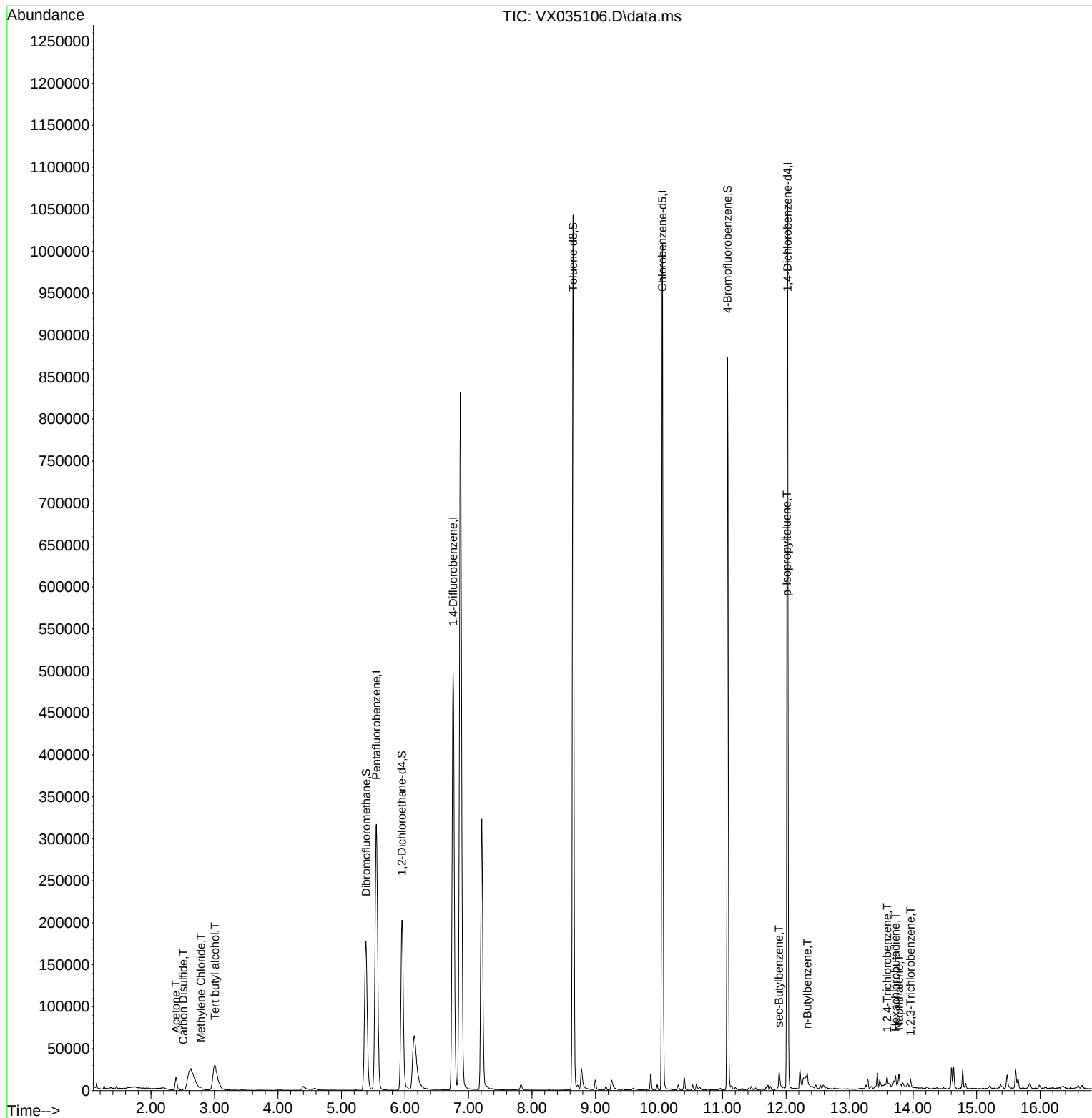
Internal Standards						
1) Pentafluorobenzene	5.550	168	307845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	521500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197243	41.895	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.780%
35) Dibromofluoromethane	5.385	113	159944	46.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	617936	48.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.079	95	239230	48.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.008	59	81913	99.163	ug/l	99
16) Acetone	2.392	43	20690	10.818	ug/l	95
17) Carbon Disulfide	2.508	76	1755	0.222	ug/l #	86
20) Methylene Chloride	2.788	84	1105	0.293	ug/l #	80
85) sec-Butylbenzene	11.890	105	5172	0.329	ug/l	95
86) p-Isopropyltoluene	12.012	119	4503	0.344	ug/l #	78
89) n-Butylbenzene	12.335	91	5474	0.478	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1931	0.459	ug/l	95
94) Hexachlorobutadiene	13.725	225	1488	0.805	ug/l	93
95) Naphthalene	13.780	128	9401	0.629	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1972	0.465	ug/l	95

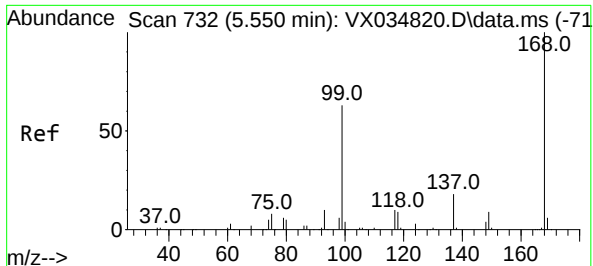
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 18 05:53:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

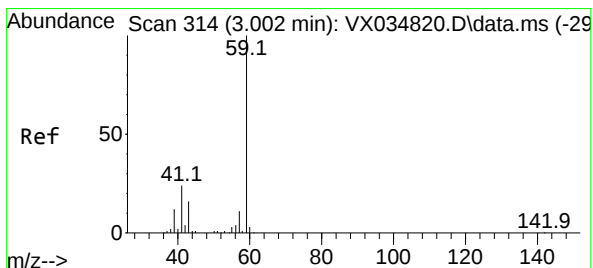
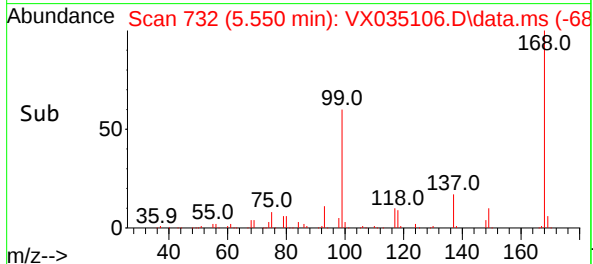
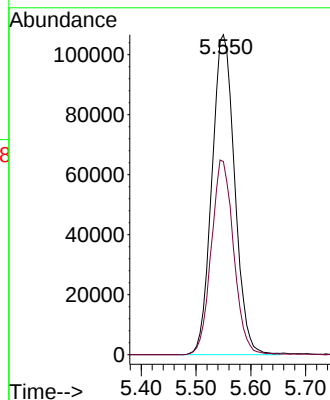
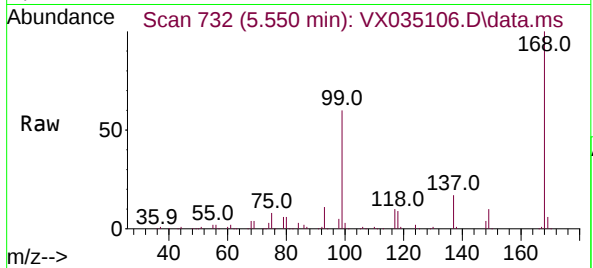




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

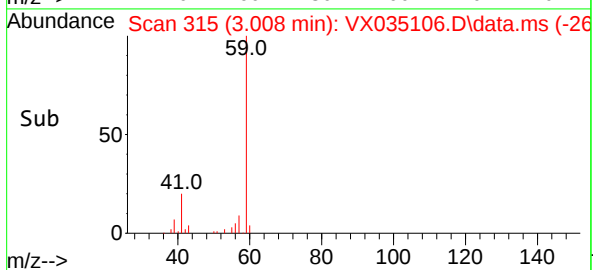
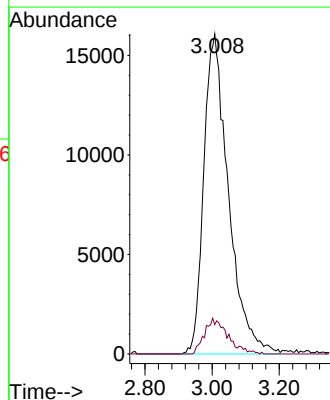
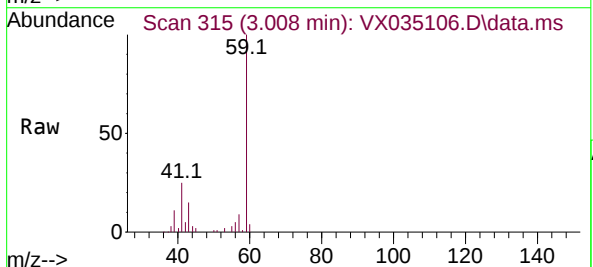
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

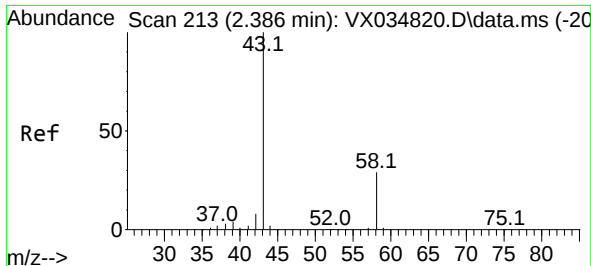
Tgt Ion:168 Resp: 307845
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 99.163 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 59 Resp: 81913
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

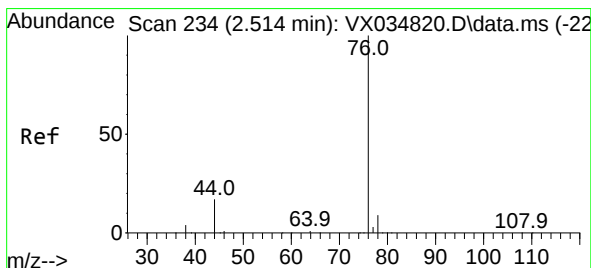
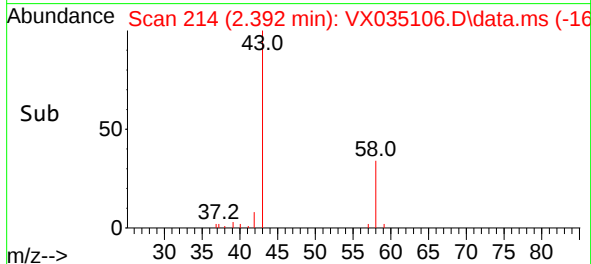
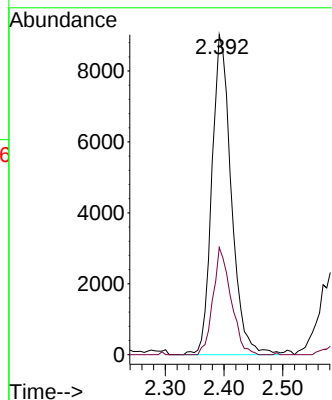
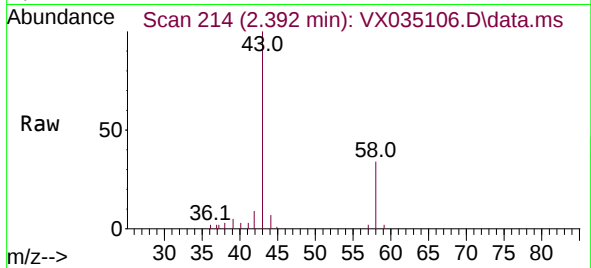




#16
Acetone
Concen: 10.818 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

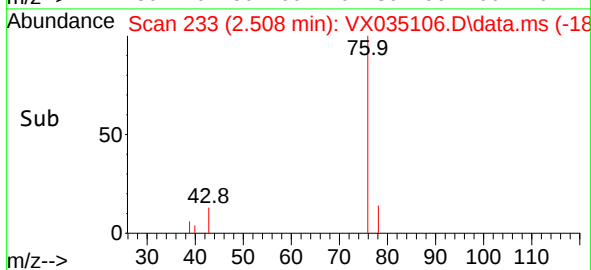
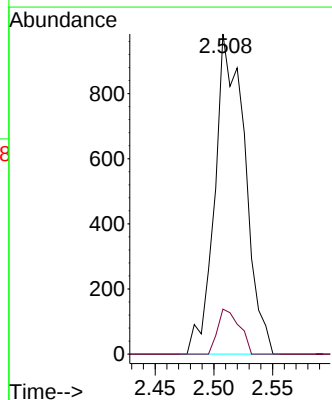
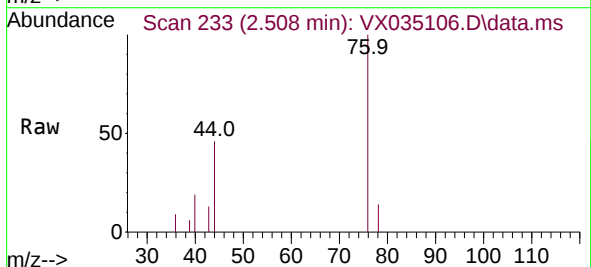
Instrument :
MSVOA_X
ClientSampleId :
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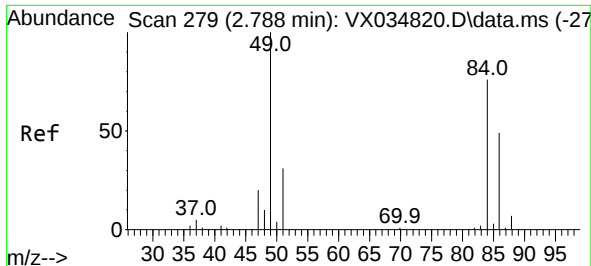
Tgt Ion: 43 Resp: 20690
Ion Ratio Lower Upper
43 100
58 33.5 24.7 37.1



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 76 Resp: 1755
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#

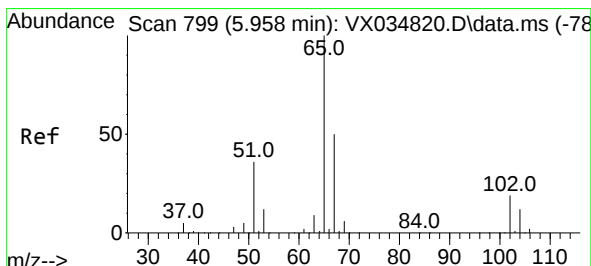
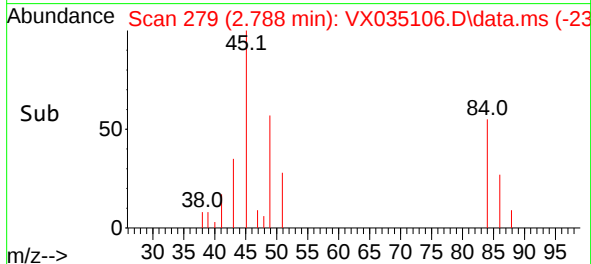
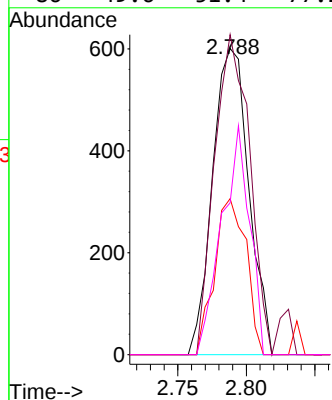
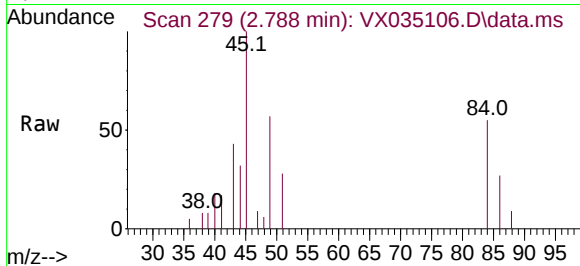




#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

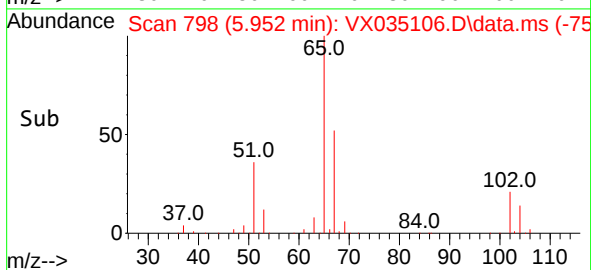
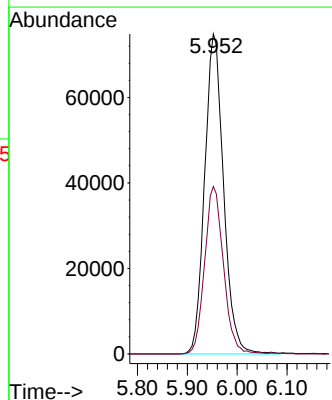
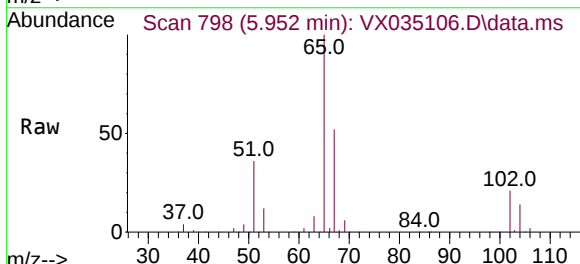
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

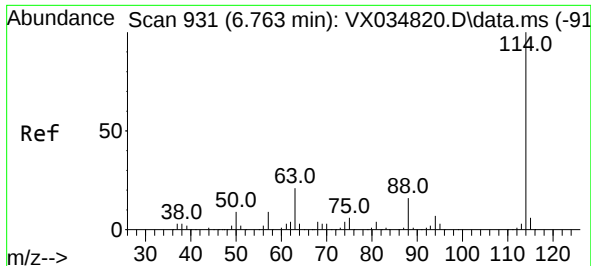
Tgt Ion:	84	Resp:	1105
Ion	Ratio	Lower	Upper
84	100		
49	104.5	103.8	155.8
51	50.9	31.8	47.8#
86	49.6	51.4	77.2#



#33
1,2-Dichloroethane-d4
Concen: 41.895 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:	65	Resp:	197243
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0

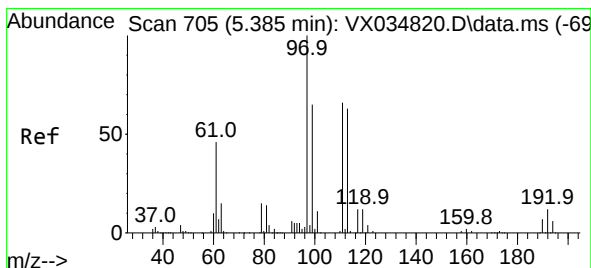
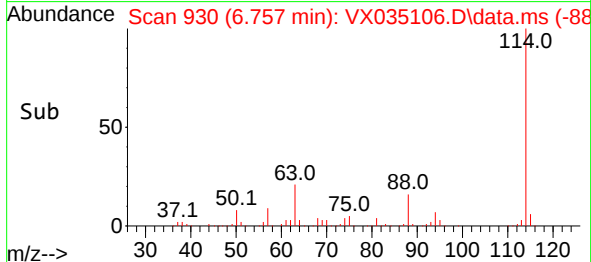
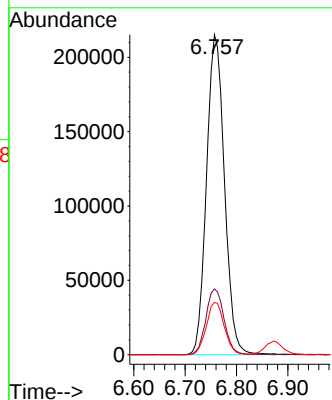
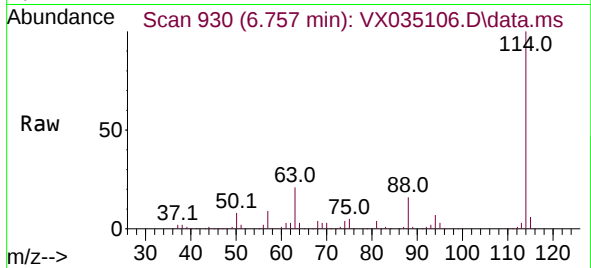




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

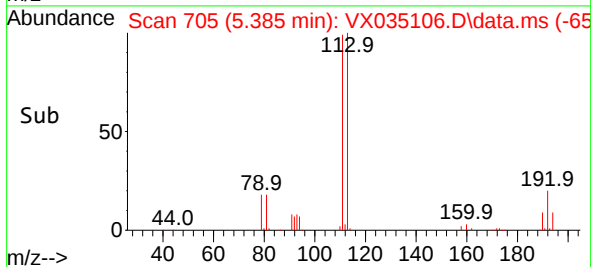
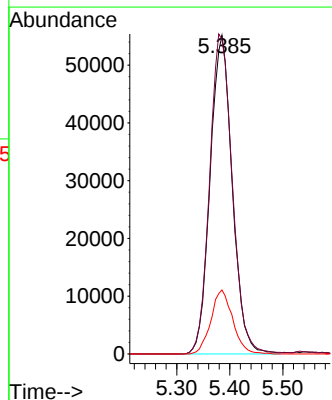
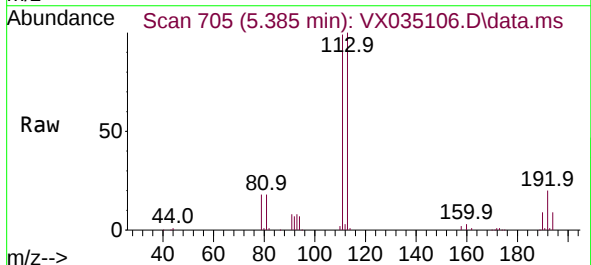
Instrument :
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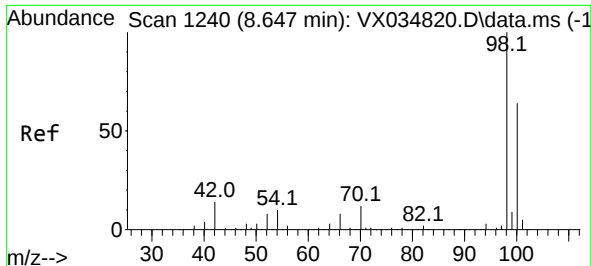
Tgt Ion:114 Resp: 521500
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:113 Resp: 159944
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.8 15.4 23.2

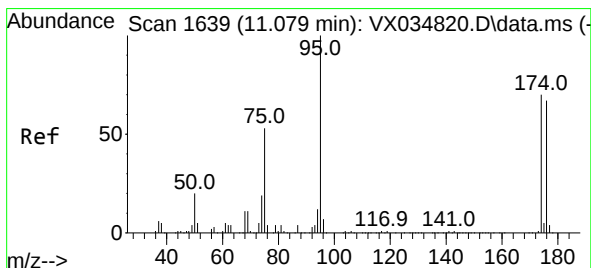
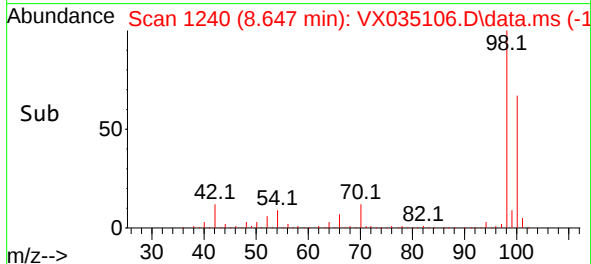
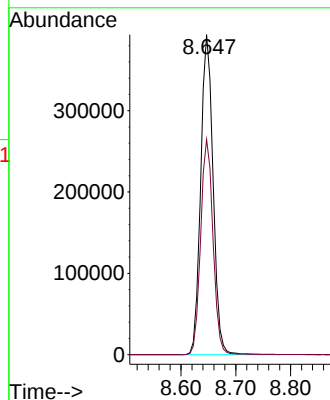
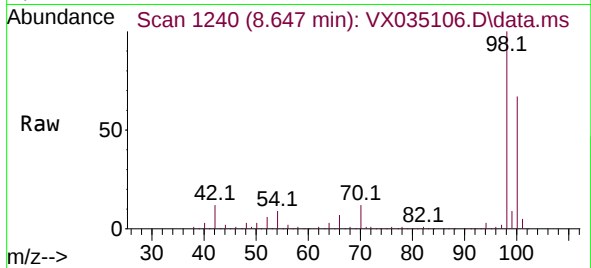




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

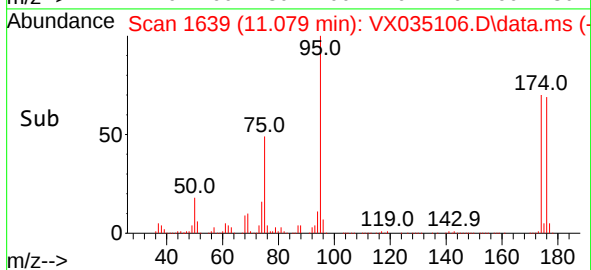
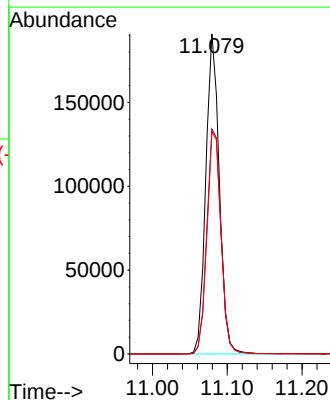
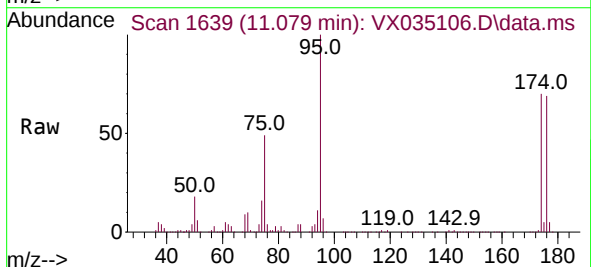
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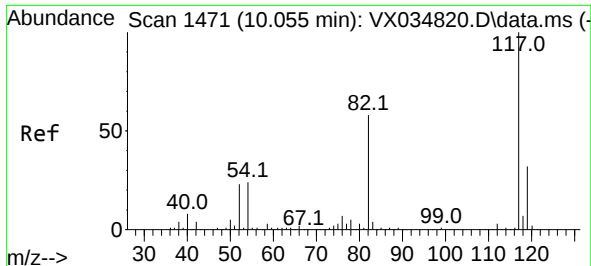
Tgt Ion: 98 Resp: 617936
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 95 Resp: 239230
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 72.7 0.0 140.6

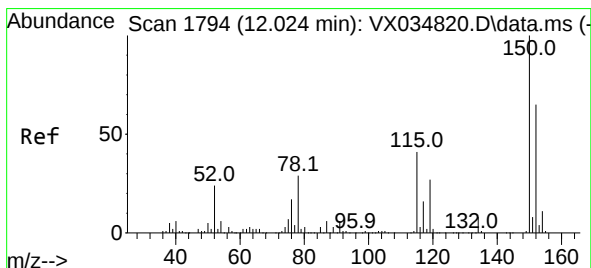
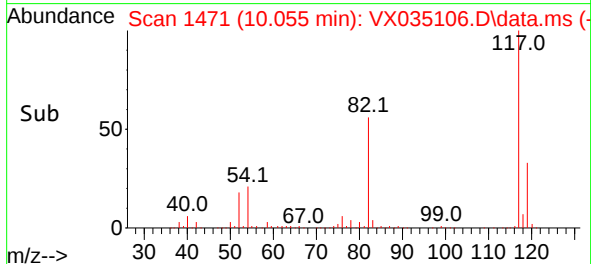
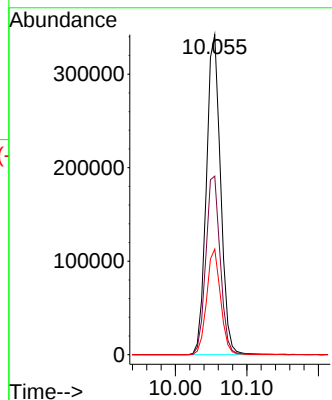
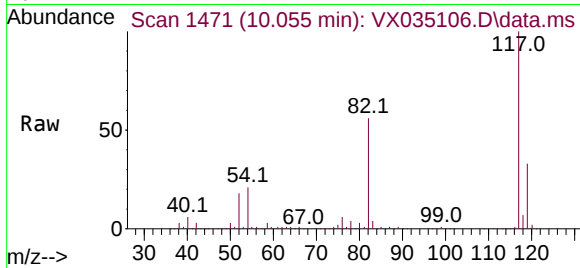




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

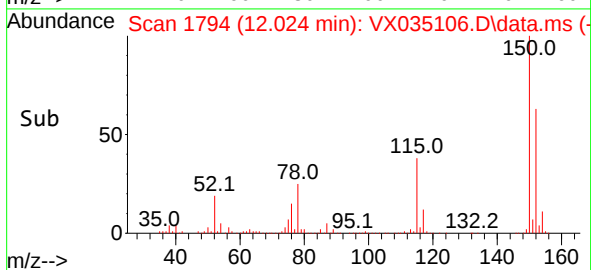
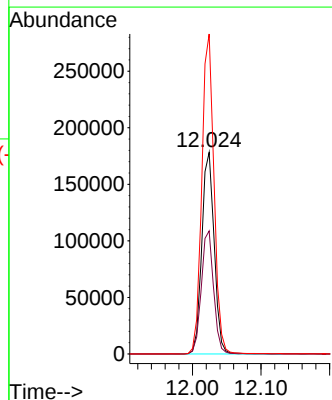
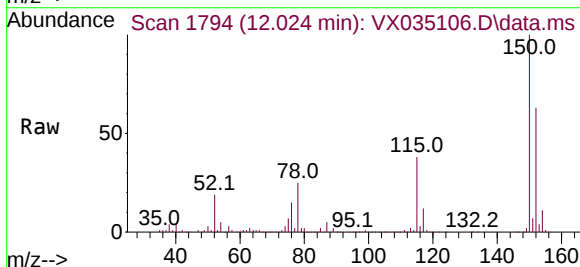
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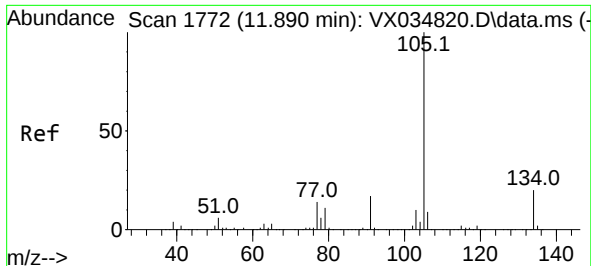
Tgt Ion:117 Resp: 473327
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:152 Resp: 224537
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 156.6 0.0 352.4

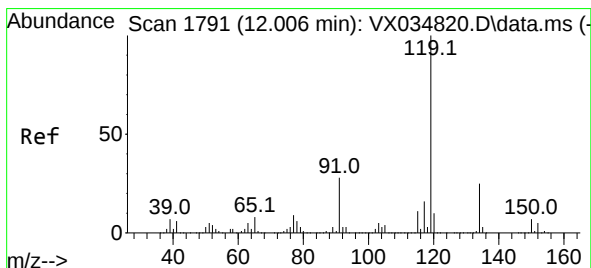
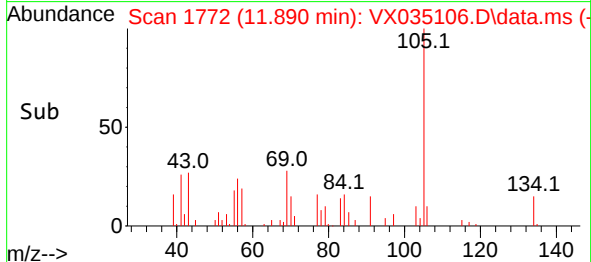
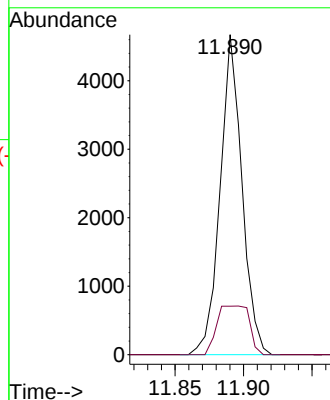
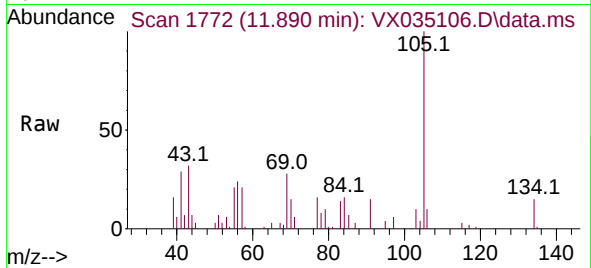




#85
 sec-Butylbenzene
 Concen: 0.329 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035106.D
 Acq: 17 Apr 2023 14:06

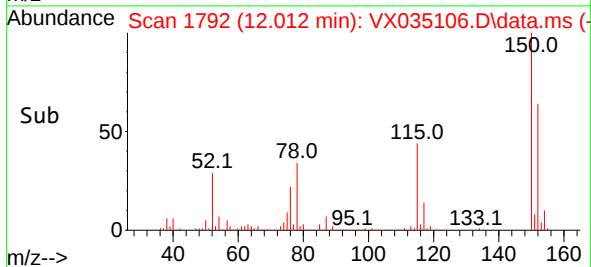
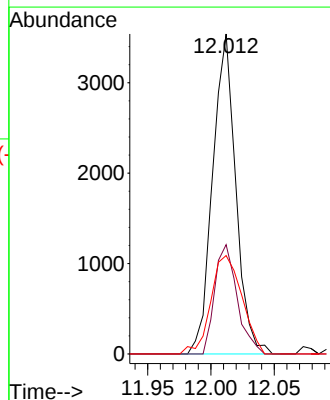
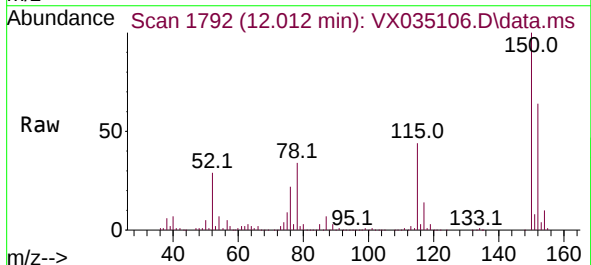
Instrument :
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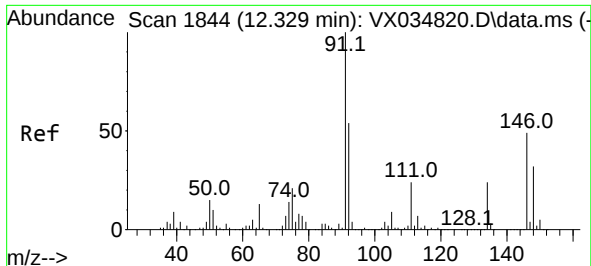
Tgt Ion:105 Resp: 5172
 Ion Ratio Lower Upper
 105 100
 134 22.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.344 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035106.D
 Acq: 17 Apr 2023 14:06

Tgt Ion:119 Resp: 4503
 Ion Ratio Lower Upper
 119 100
 134 33.0 13.2 39.5
 91 41.4 12.9 38.7#





#89

n-Butylbenzene

Concen: 0.478 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035106.D

Acq: 17 Apr 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

BUR-1263

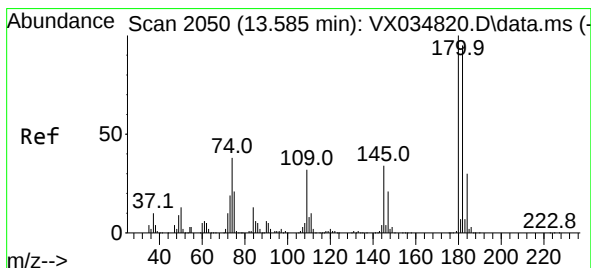
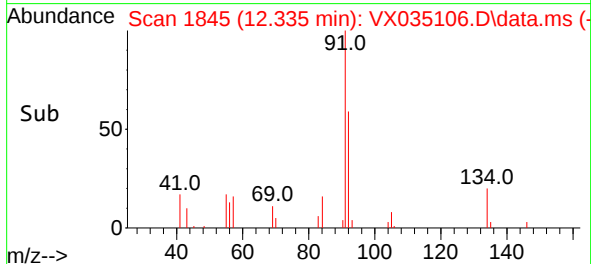
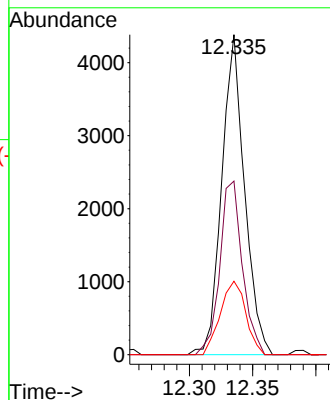
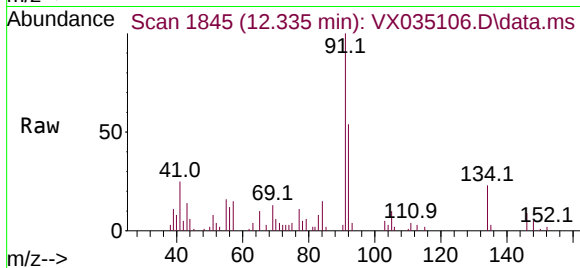
Tgt Ion: 91 Resp: 5474

Ion Ratio Lower Upper

91 100

92 53.8 27.7 83.0

134 25.7 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.459 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035106.D

Acq: 17 Apr 2023 14:06

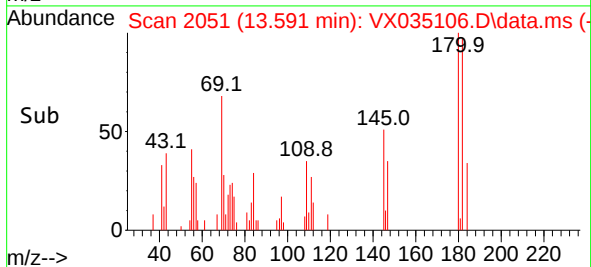
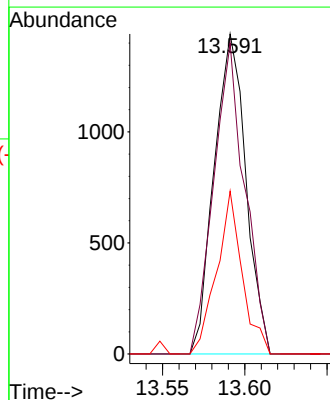
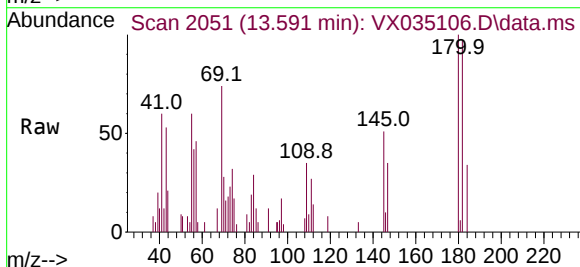
Tgt Ion: 180 Resp: 1931

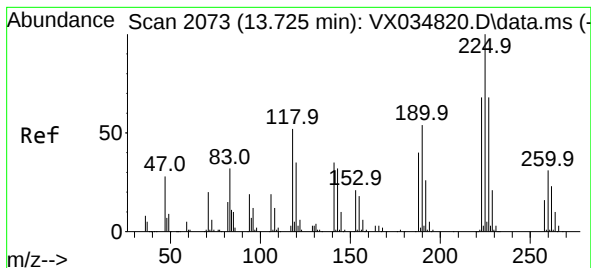
Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 41.0 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.805 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035106.D

Acq: 17 Apr 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

BUR-1263

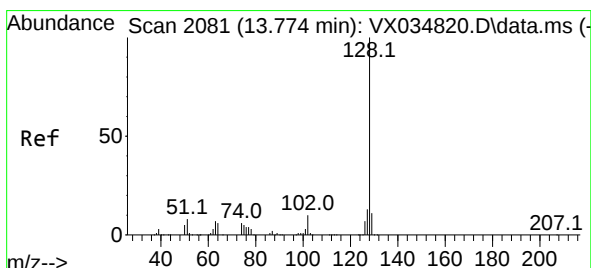
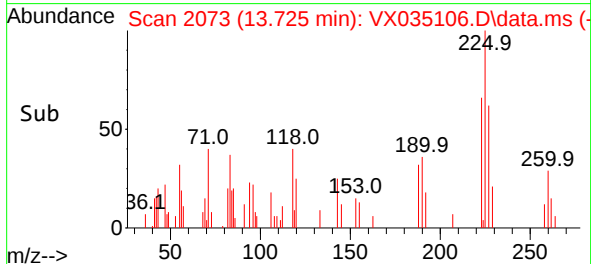
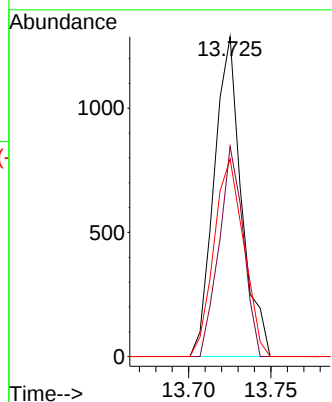
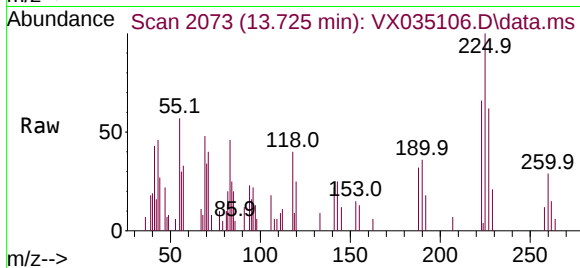
Tgt Ion:225 Resp: 1488

Ion Ratio Lower Upper

225 100

223 58.2 32.1 96.5

227 67.8 31.8 95.4



#95

Naphthalene

Concen: 0.629 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035106.D

Acq: 17 Apr 2023 14:06

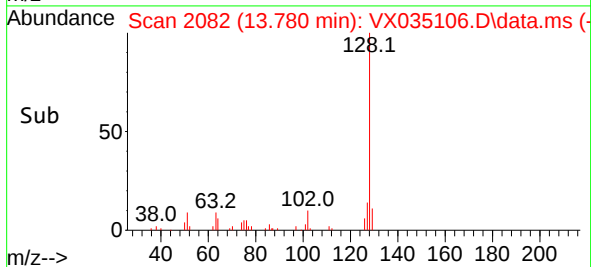
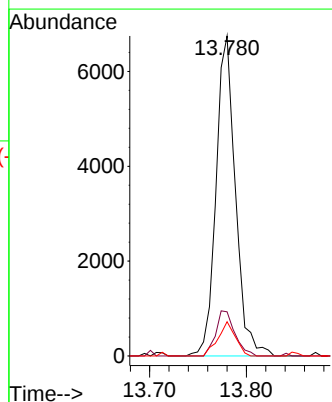
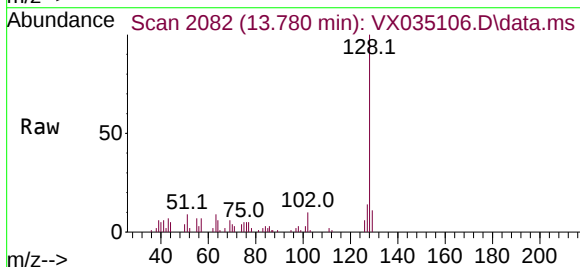
Tgt Ion:128 Resp: 9401

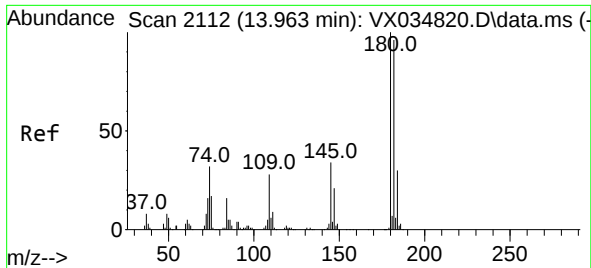
Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

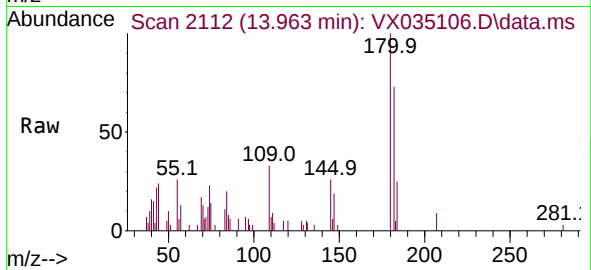
129 9.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.465 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035106.D
 Acq: 17 Apr 2023 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1263



Tgt Ion:	180	Resp:	1972
Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	41.3	17.7	53.1

