

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034801.D
 Acq On : 28 Mar 2023 18:23
 Operator : JC/MD
 Sample : 02109-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-26

Quant Time: Mar 29 04:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

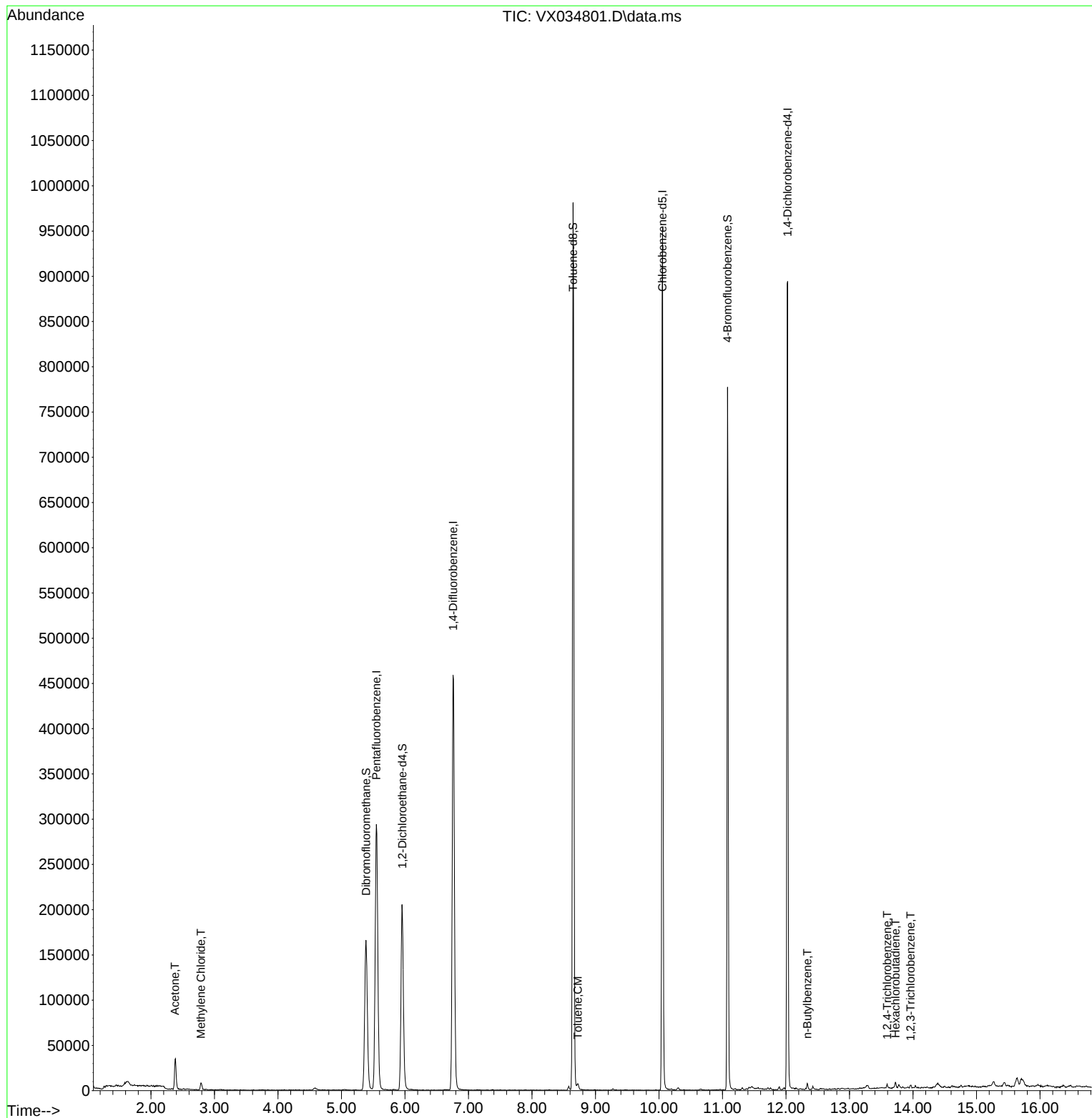
Internal Standards						
1) Pentafluorobenzene	5.550	168	274649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191906	48.029	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.060%		
35) Dibromofluoromethane	5.385	113	143695	47.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.180%		
50) Toluene-d8	8.647	98	556883	48.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	199719	43.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.820%		
Target Compounds						
16) Acetone	2.380	43	38583	20.500	ug/l	95
20) Methylene Chloride	2.788	84	3479	0.952	ug/l #	93
52) Toluene	8.720	92	1988	0.234	ug/l	93
89) n-Butylbenzene	12.335	91	2446	0.222	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	962	0.237	ug/l #	87
94) Hexachlorobutadiene	13.725	225	723	0.443	ug/l	87
96) 1,2,3-Trichlorobenzene	13.963	180	958	0.242	ug/l #	74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034801.D
Acq On : 28 Mar 2023 18:23
Operator : JC/MD
Sample : 02109-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

Quant Time: Mar 29 04:05:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

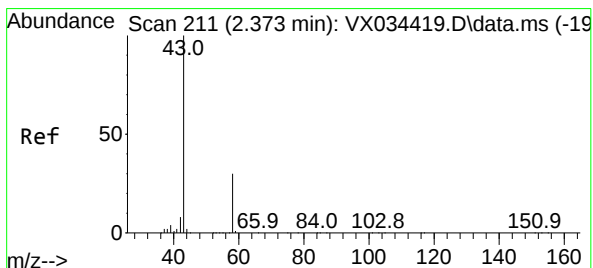
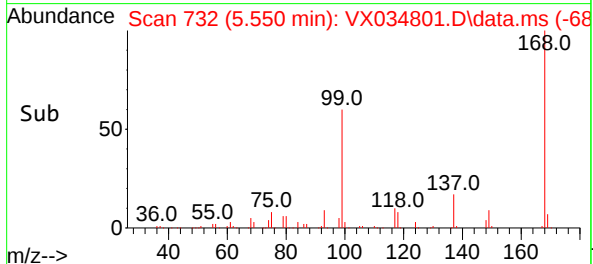
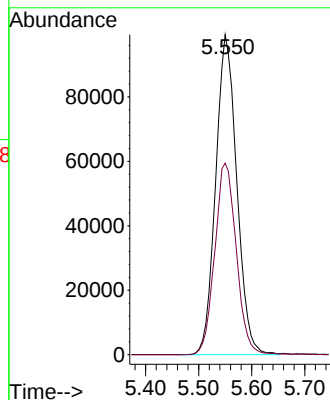
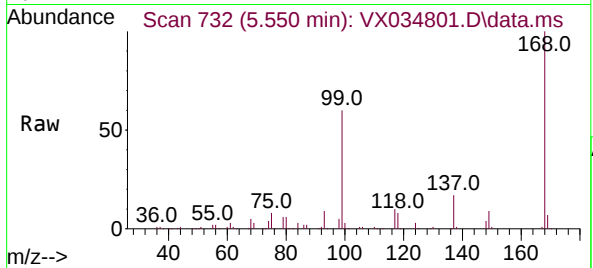




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

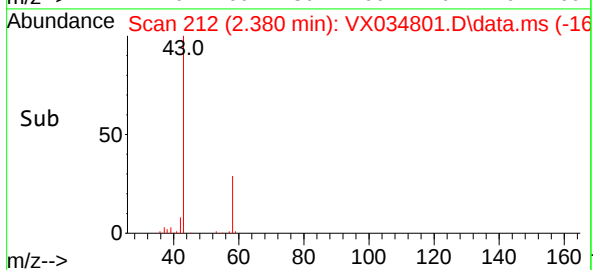
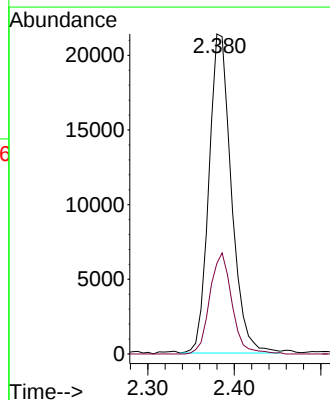
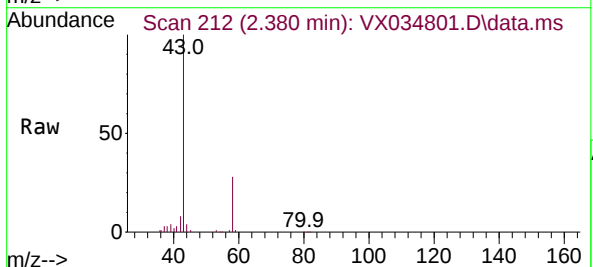
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

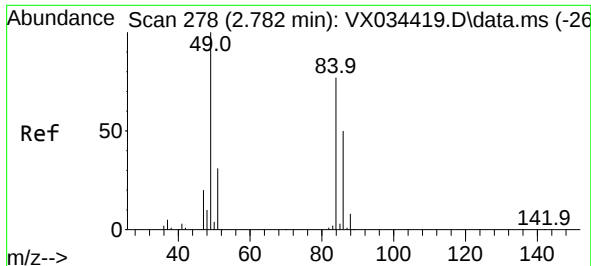
Tgt Ion:168 Resp: 274649
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5



#16
Acetone
Concen: 20.500 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

Tgt Ion: 43 Resp: 38583
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

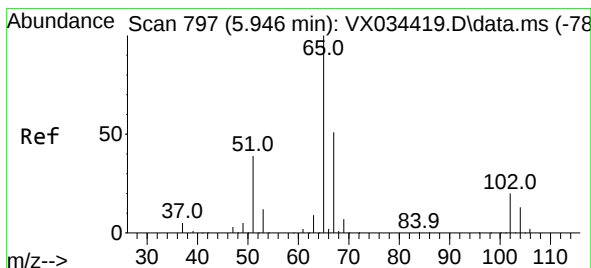
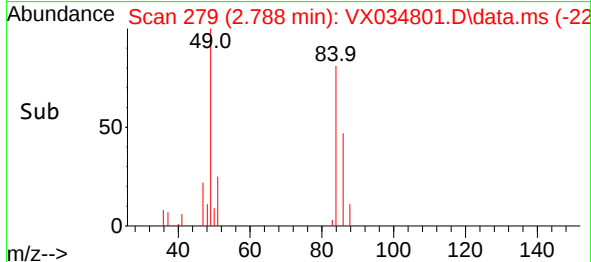
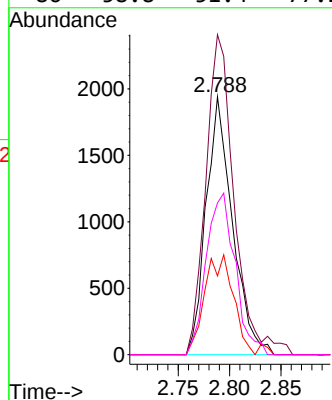
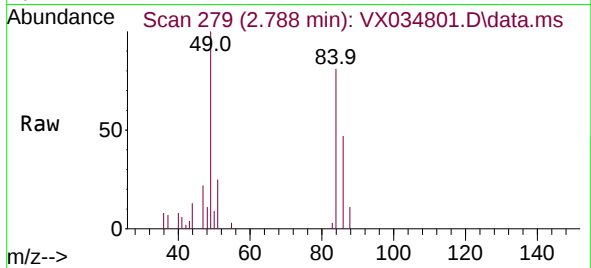




#20
Methylene Chloride
Concen: 0.952 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

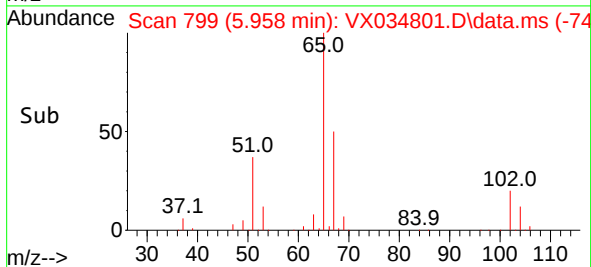
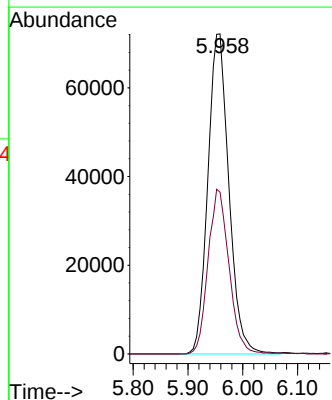
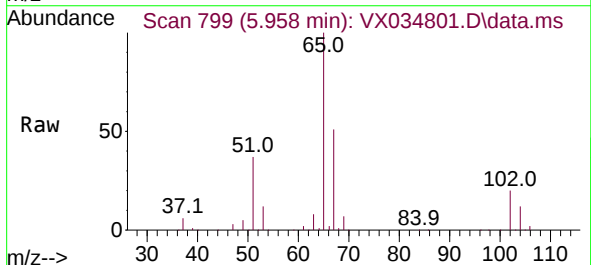
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

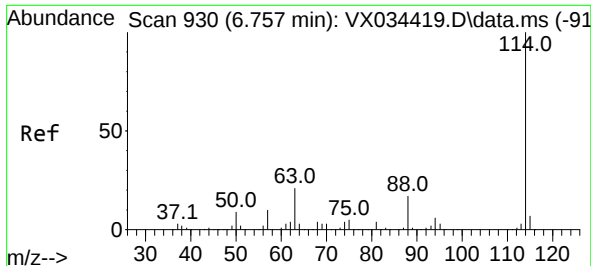
Tgt Ion:	84	Resp:	3479
Ion	Ratio	Lower	Upper
84	100		
49	124.1	103.8	155.8
51	30.5	31.8	47.8#
86	58.8	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.029 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

Tgt Ion:	65	Resp:	191906
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

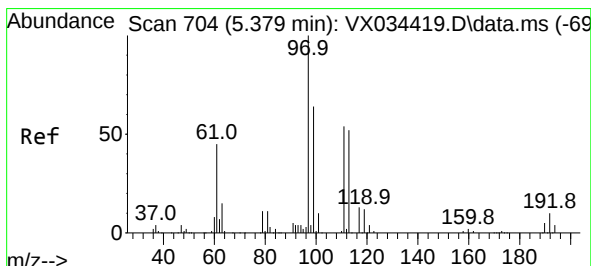
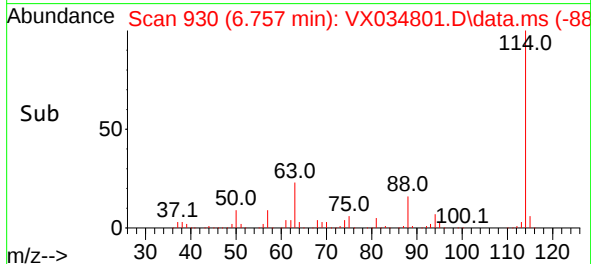
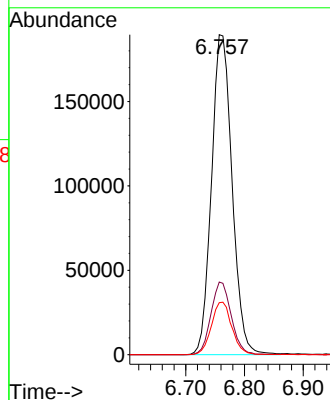
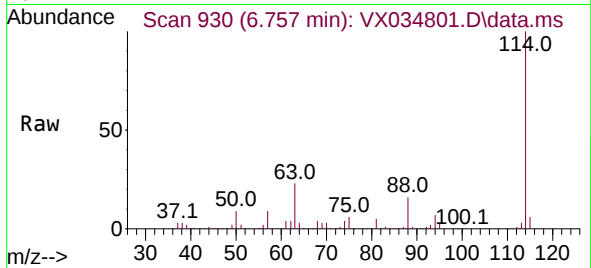




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

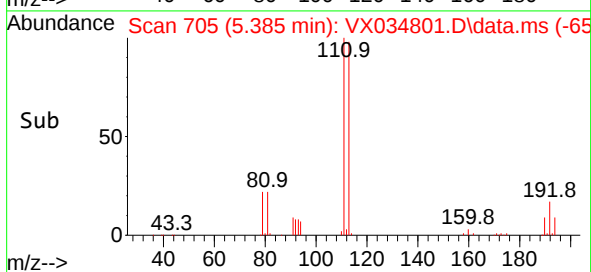
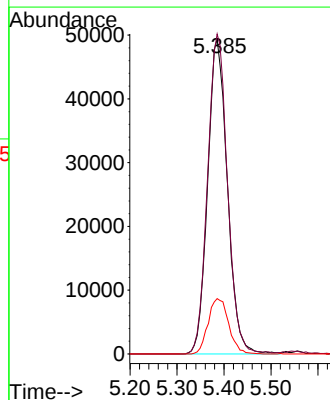
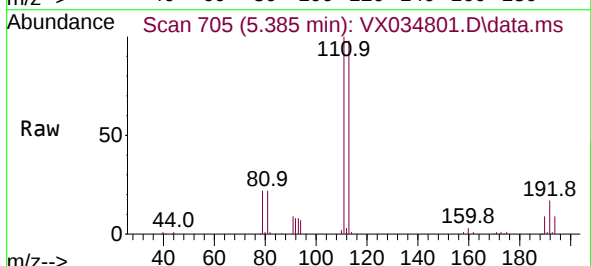
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

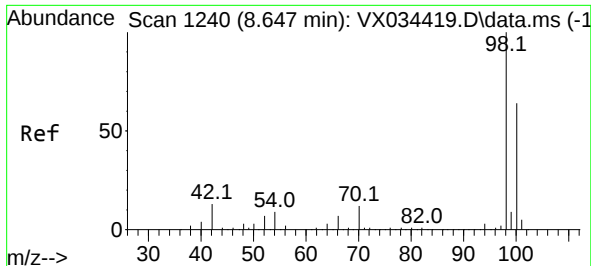
Tgt Ion:114 Resp: 462155
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

Tgt Ion:113 Resp: 143695
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.3 15.4 23.2

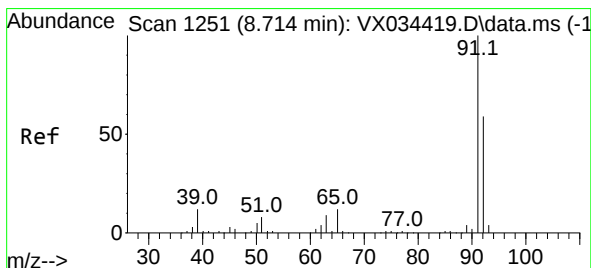
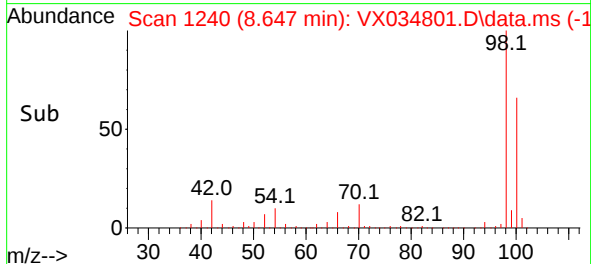
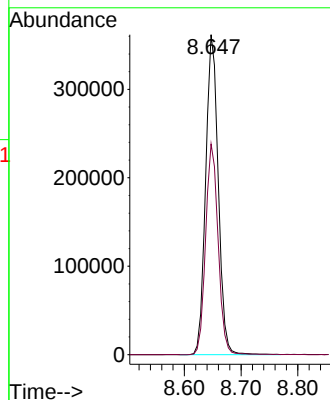
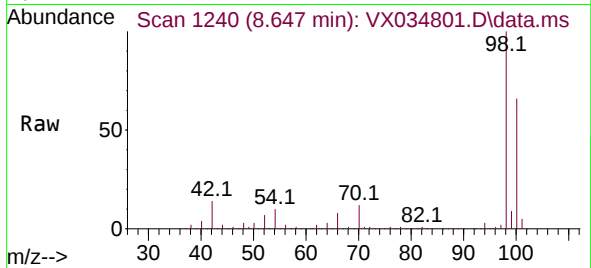




#50
Toluene-d8
Concen: 48.888 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

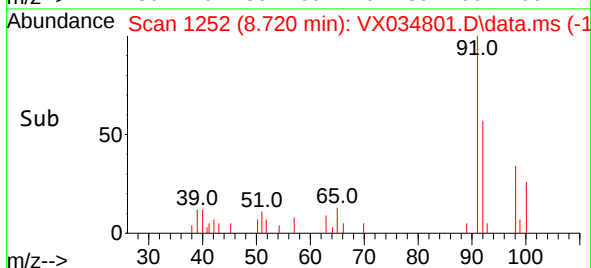
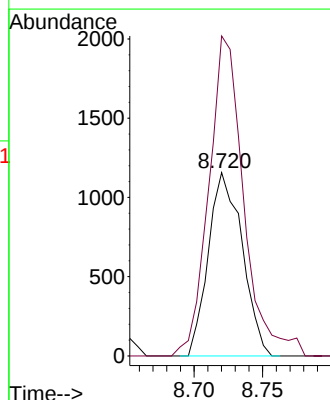
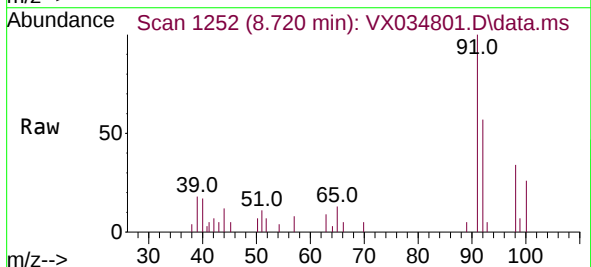
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

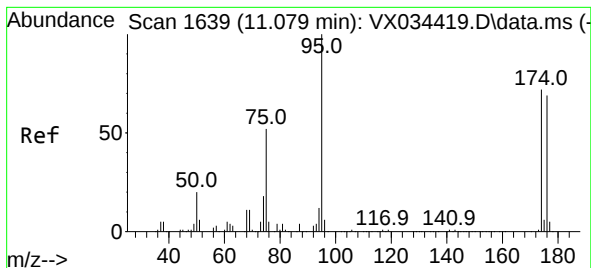
Tgt Ion: 98 Resp: 556883
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.234 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

Tgt Ion: 92 Resp: 1988
Ion Ratio Lower Upper
92 100
91 180.1 136.8 205.2

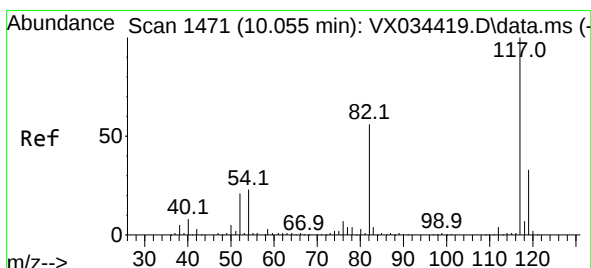
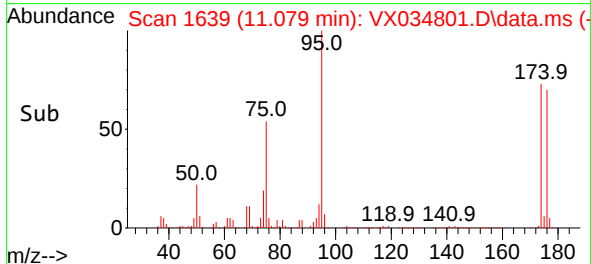
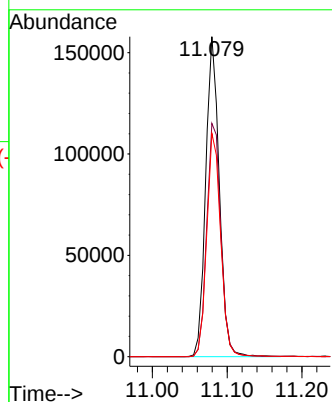
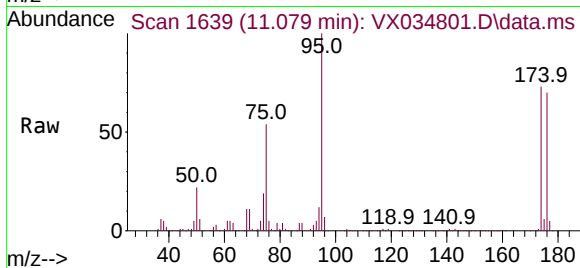




#62
4-Bromofluorobenzene
Concen: 43.407 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

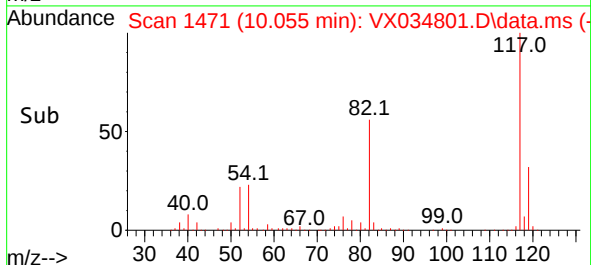
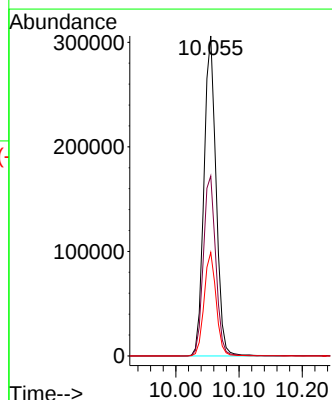
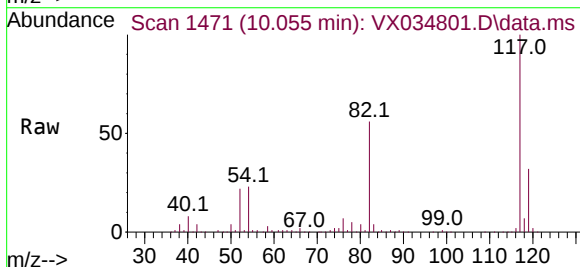
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-26

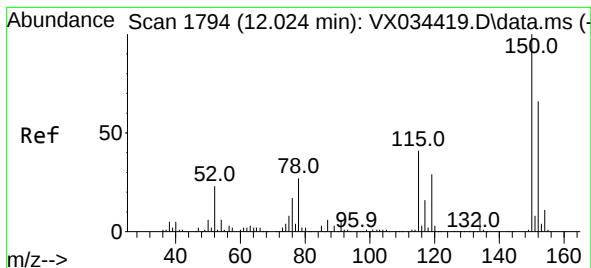
Tgt Ion: 95 Resp: 199719
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.4
176 71.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034801.D
Acq: 28 Mar 2023 18:23

Tgt Ion: 117 Resp: 408206
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.4 26.0 39.0

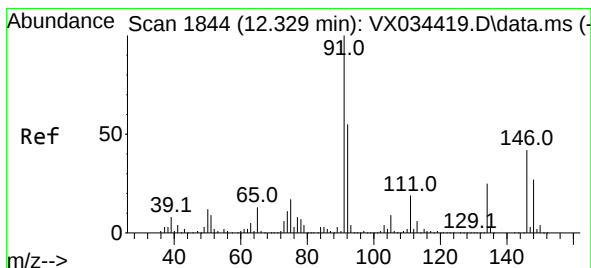
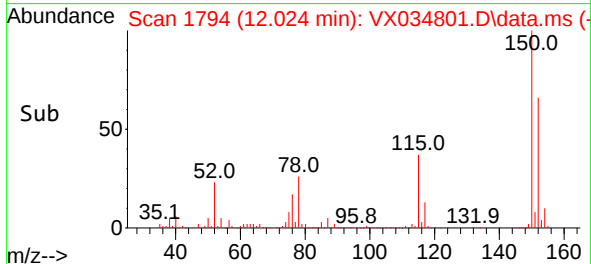
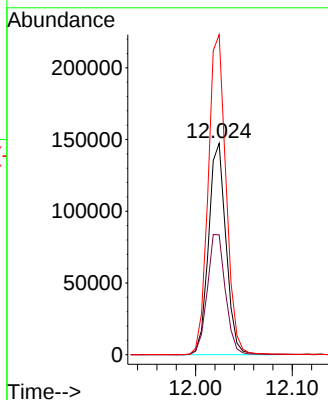
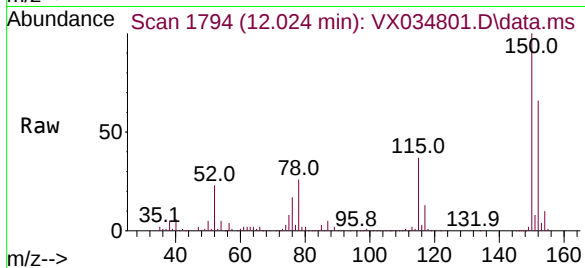




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034801.D
 Acq: 28 Mar 2023 18:23

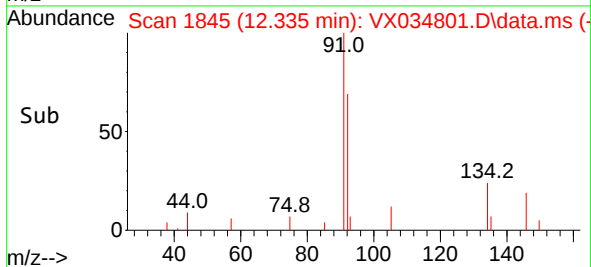
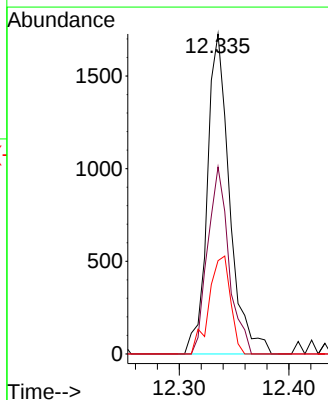
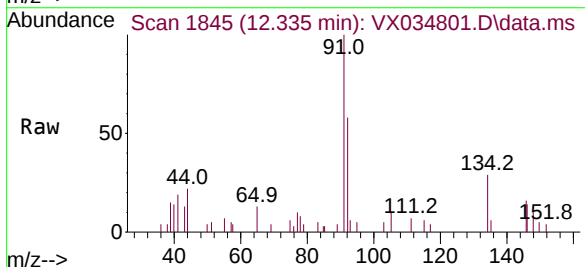
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-26

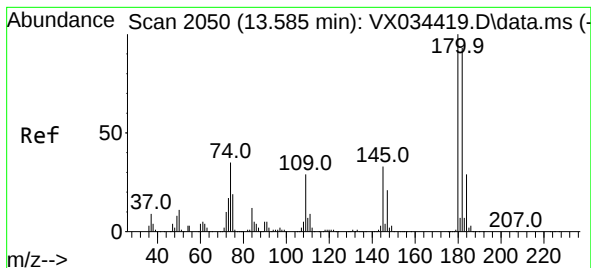
Tgt Ion:152 Resp: 184582
 Ion Ratio Lower Upper
 152 100
 115 59.6 45.0 135.0
 150 155.4 0.0 352.4



#89
 n-Butylbenzene
 Concen: 0.222 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX034801.D
 Acq: 28 Mar 2023 18:23

Tgt Ion: 91 Resp: 2446
 Ion Ratio Lower Upper
 91 100
 92 55.4 27.7 83.0
 134 29.3 13.0 38.9





#93

1,2,4-Trichlorobenzene

Concen: 0.237 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034801.D

Acq: 28 Mar 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-03-26

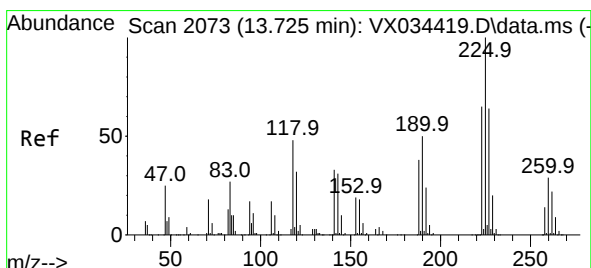
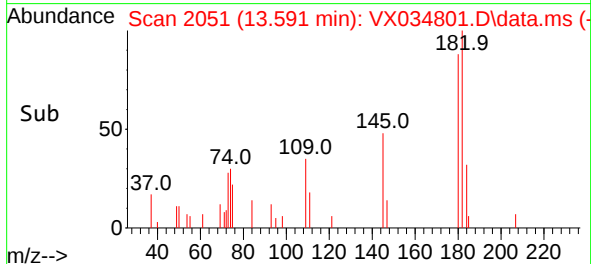
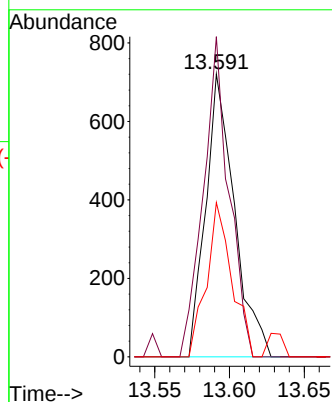
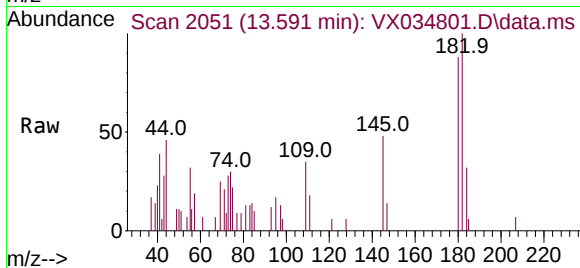
Tgt Ion:180 Resp: 962

Ion Ratio Lower Upper

180 100

182 101.2 47.0 141.0

145 48.0 15.9 47.7#



#94

Hexachlorobutadiene

Concen: 0.443 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034801.D

Acq: 28 Mar 2023 18:23

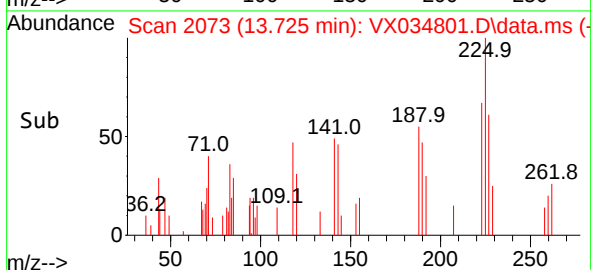
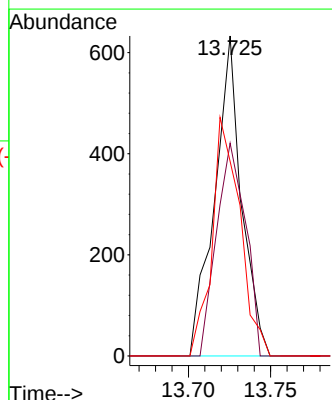
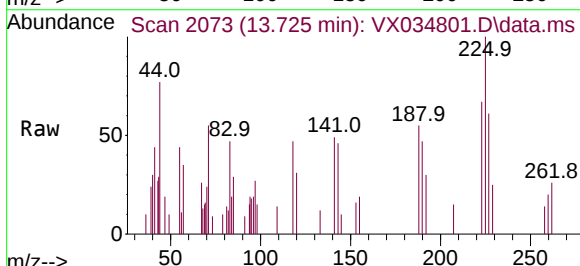
Tgt Ion:225 Resp: 723

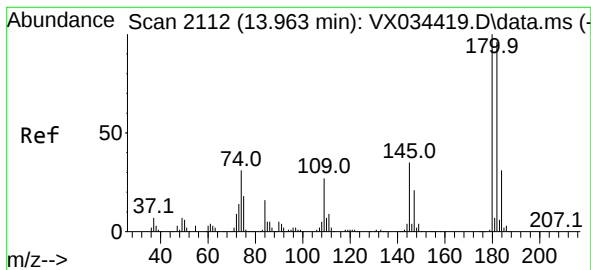
Ion Ratio Lower Upper

225 100

223 71.1 32.1 96.5

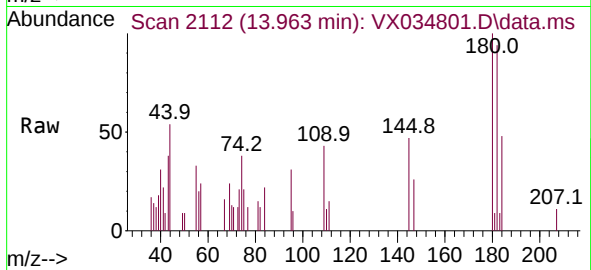
227 76.8 31.8 95.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034801.D
 Acq: 28 Mar 2023 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-26



Tgt Ion:180 Resp: 958
 Ion Ratio Lower Upper
 180 100
 182 72.2 48.0 144.2
 145 53.2 17.7 53.1#

