

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035243.D
 Acq On : 21 Apr 2023 19:55
 Operator : JC/MD
 Sample : 02386-05 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 22 01:08:26 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)

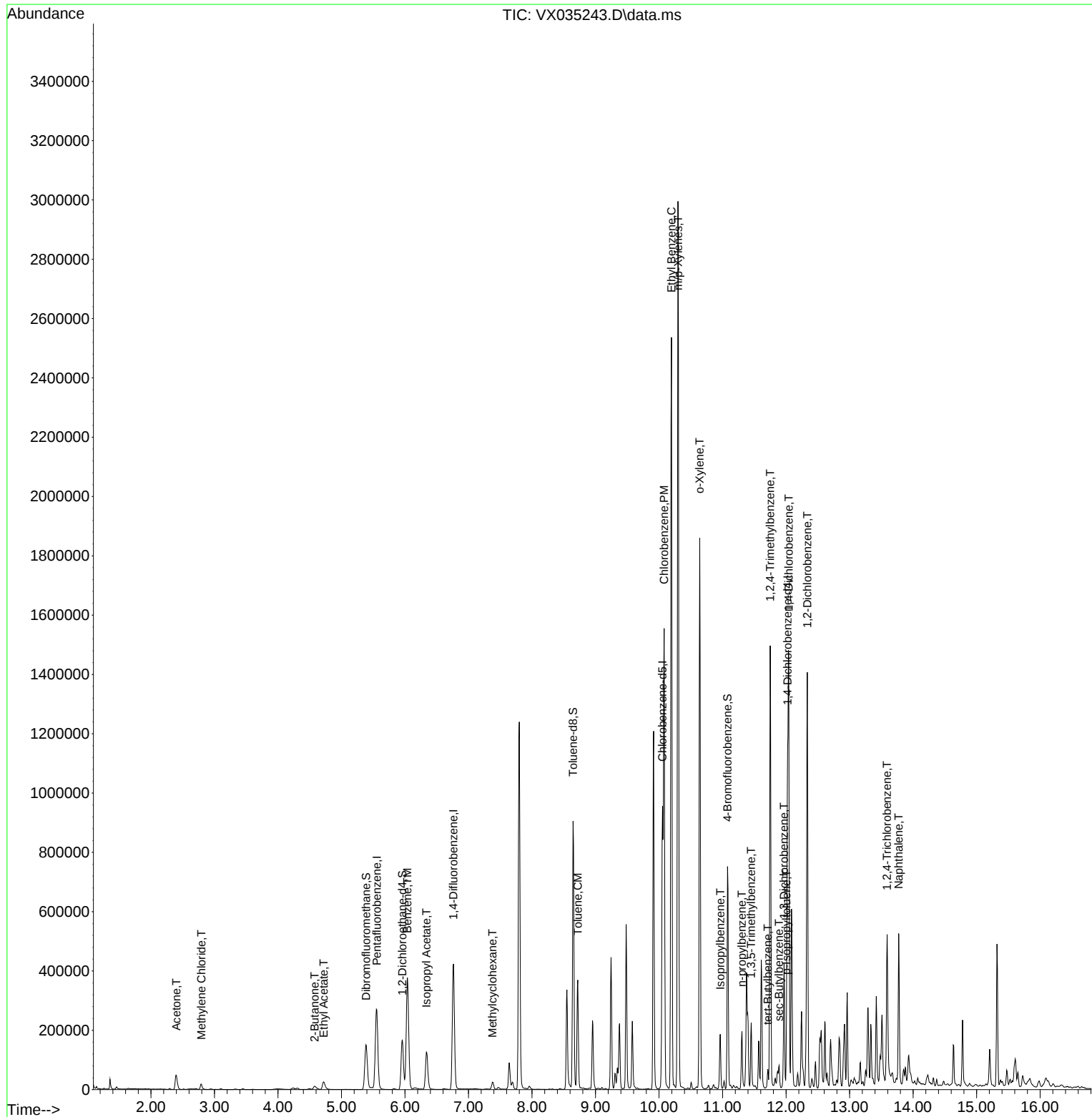
Internal Standards						
1) Pentafluorobenzene	5.556	168	268805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162025	39.413	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	78.820%		
35) Dibromofluoromethane	5.385	113	134924	45.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	8.647	98	522524	48.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.460%		
62) 4-Bromofluorobenzene	11.079	95	203551	48.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.100%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	73252	43.863	ug/l	99
20) Methylene Chloride	2.794	84	8885	2.696	ug/l	87
25) 2-Butanone	4.574	43	19861	8.176	ug/l #	82
37) Ethyl Acetate	4.721	43	47913	10.537	ug/l	96
39) Methylcyclohexane	7.379	83	10950	2.371	ug/l	95
40) Benzene	6.037	78	458771	36.749	ug/l	100
43) Isopropyl Acetate	6.336	43	177445	23.325	ug/l	97
52) Toluene	8.720	92	141200	17.347	ug/l	98
65) Chlorobenzene	10.079	112	656073	77.234	ug/l	100
67) Ethyl Benzene	10.195	91	1457212	94.695	ug/l	99
68) m/p-Xylenes	10.299	106	698089	118.757	ug/l	98
69) o-Xylene	10.640	106	374558	65.044	ug/l	99
73) Isopropylbenzene	10.963	105	97002	6.649	ug/l	99
78) n-propylbenzene	11.305	91	109374	6.490	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93021	7.626	ug/l	97
83) tert-Butylbenzene	11.713	119	22514	1.965	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	644792	51.978	ug/l	98
85) sec-Butylbenzene	11.890	105	19719	1.415	ug/l #	56
86) p-Isopropyltoluene	12.006	119	41122	3.539	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	113391	17.224	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	453506	65.955	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	423555	64.238	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	27226	7.301	ug/l	96
95) Naphthalene	13.774	128	298309	22.513	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
Data File : VX035243.D
Acq On : 21 Apr 2023 19:55
Operator : JC/MD
Sample : 02386-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

Quant Time: Apr 22 01:08:26 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

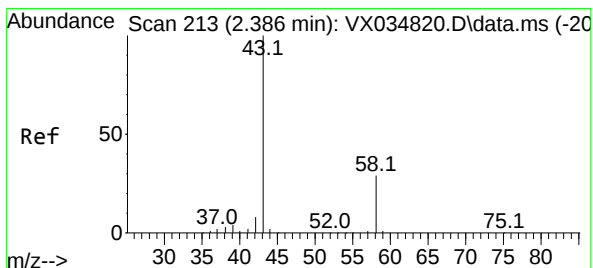
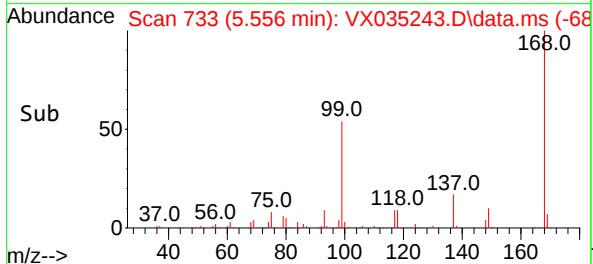
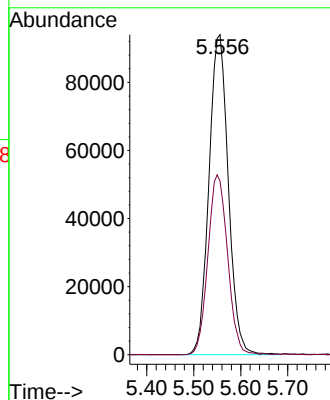
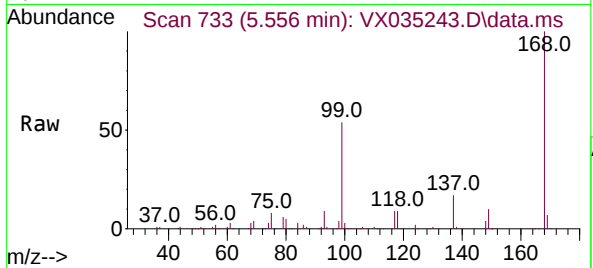




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

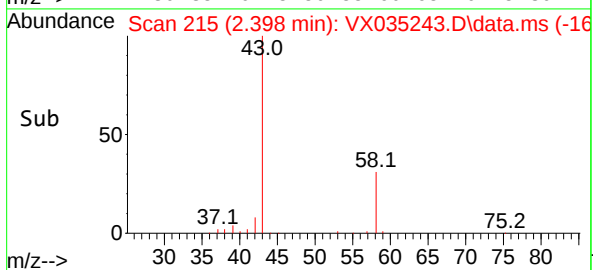
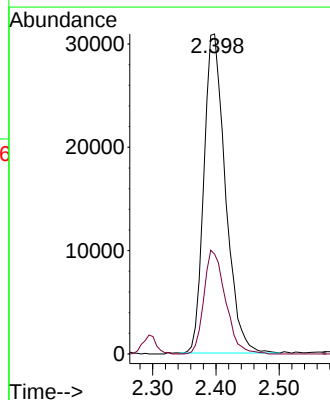
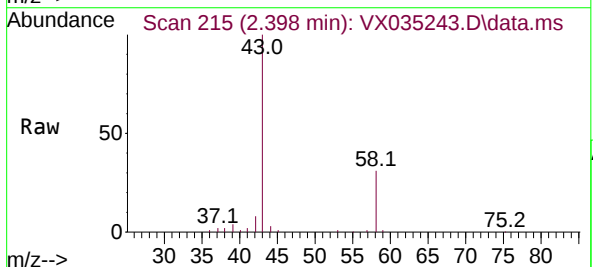
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

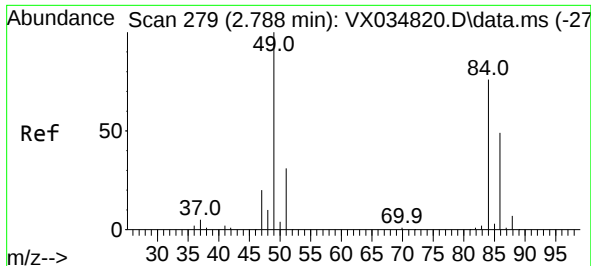
Tgt Ion:168 Resp: 268805
Ion Ratio Lower Upper
168 100
99 54.2 45.7 68.5



#16
Acetone
Concen: 43.863 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 43 Resp: 73252
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1

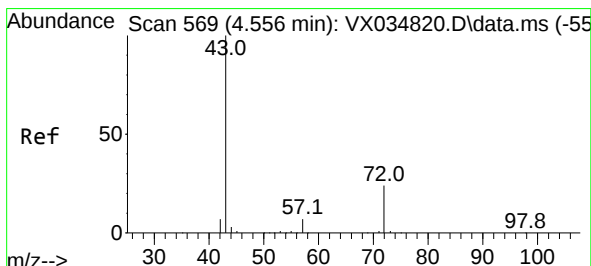
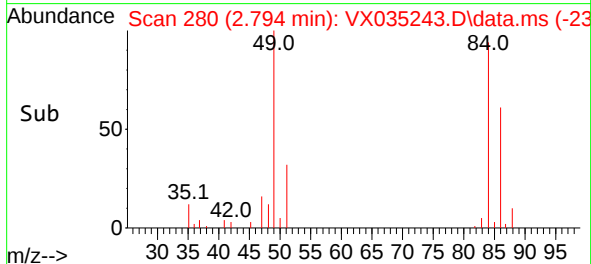
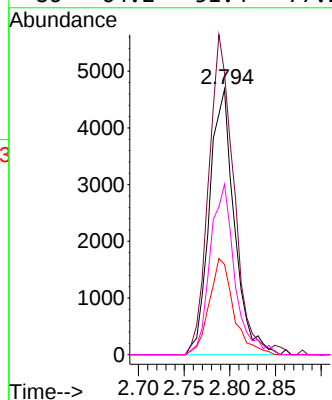
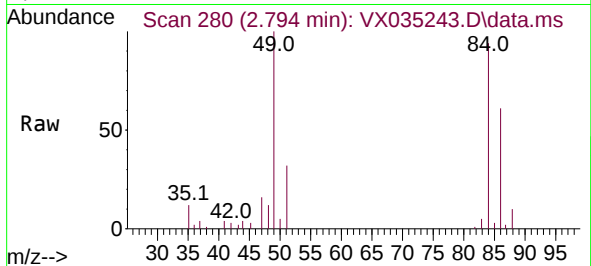




#20
Methylene Chloride
Concen: 2.696 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

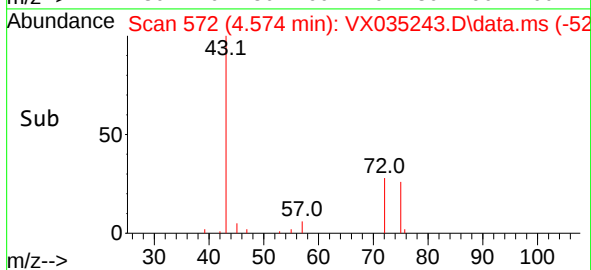
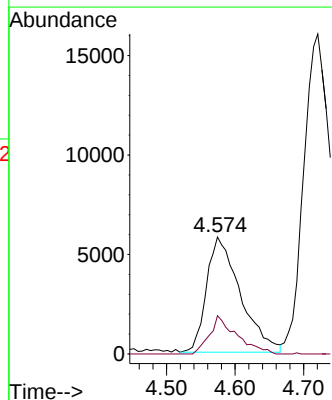
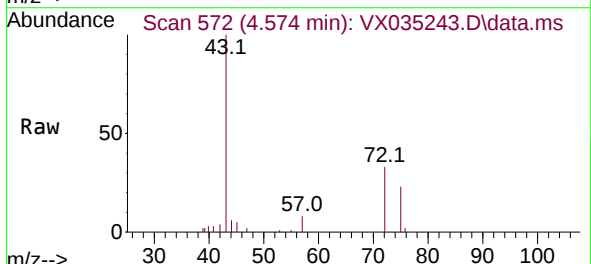
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

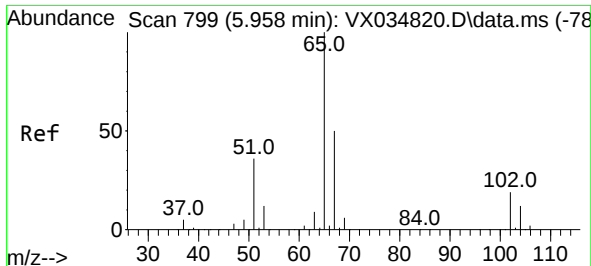
Tgt Ion: 84	Resp: 8885
Ion Ratio	Lower Upper
84 100	
49 106.0	103.8 155.8
51 34.0	31.8 47.8
86 64.2	51.4 77.2



#25
2-Butanone
Concen: 8.176 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 43	Resp: 19861
Ion Ratio	Lower Upper
43 100	
72 33.2	19.3 28.9#

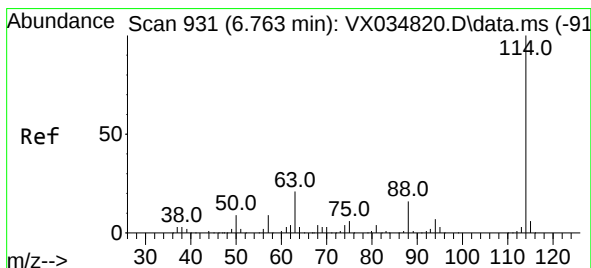
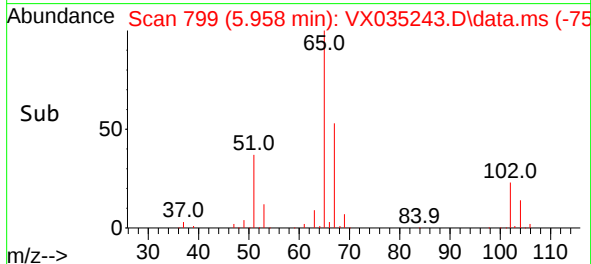
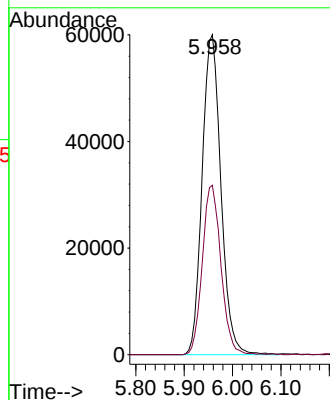
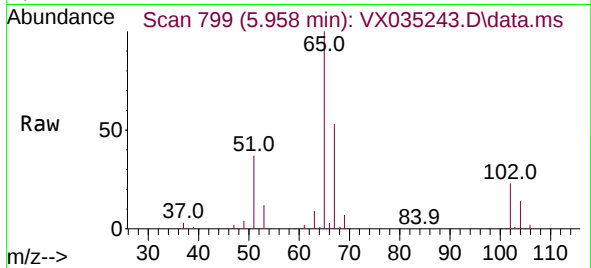




#33
 1,2-Dichloroethane-d4
 Concen: 39.413 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX035243.D
 Acq: 21 Apr 2023 19:55

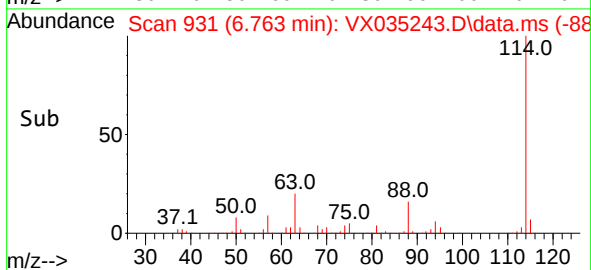
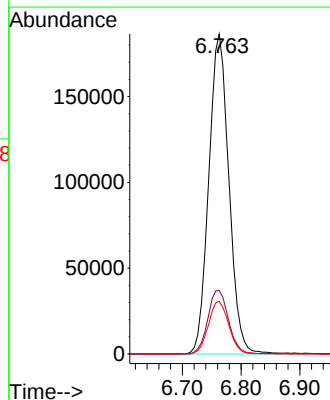
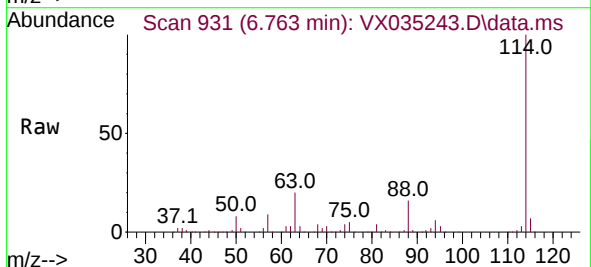
Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-2WC-23-04

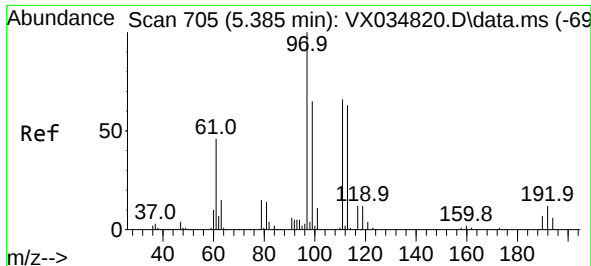
Tgt Ion: 65 Resp: 162025
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035243.D
 Acq: 21 Apr 2023 19:55

Tgt Ion: 114 Resp: 443800
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.2
 88 16.5 0.0 33.2

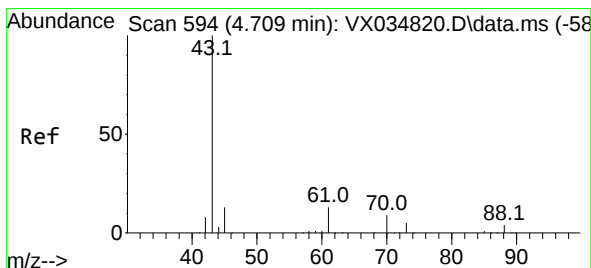
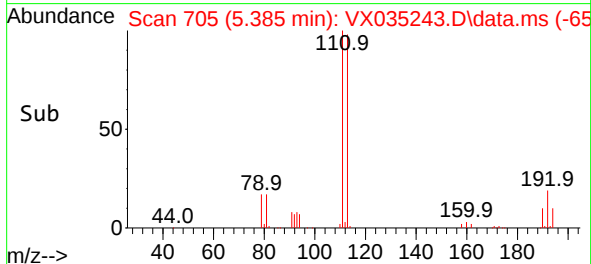
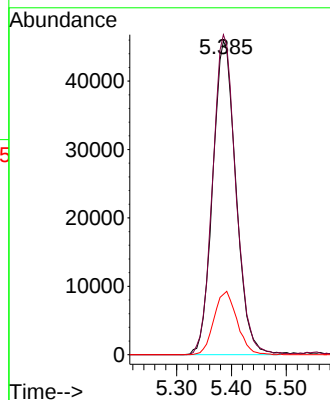
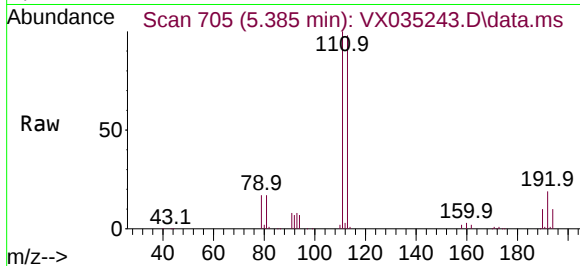




#35
Dibromofluoromethane
Concen: 45.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

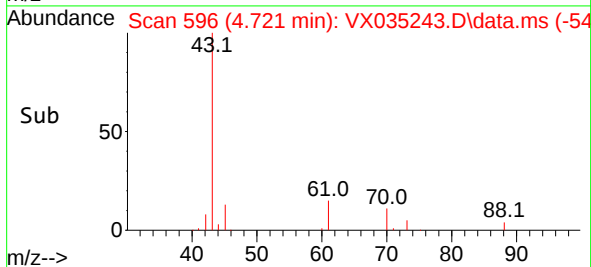
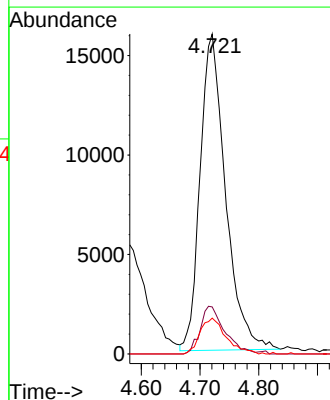
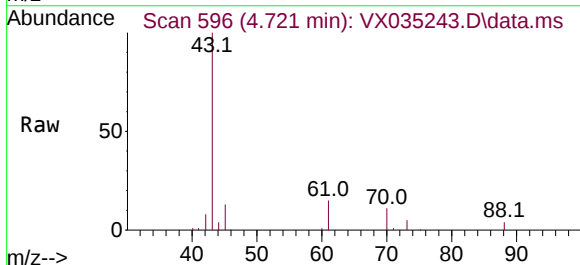
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

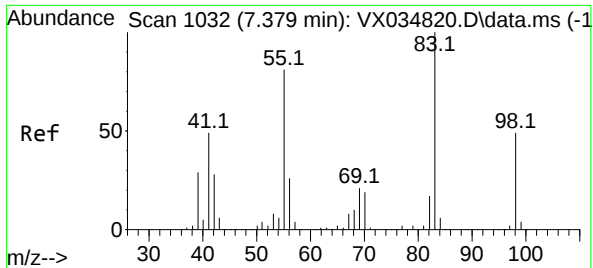
Tgt Ion:113 Resp: 134924
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.0 15.4 23.2



#37
Ethyl Acetate
Concen: 10.537 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 43 Resp: 47913
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.4
70 11.6 8.2 12.4

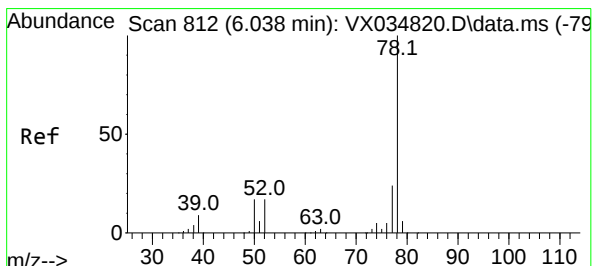
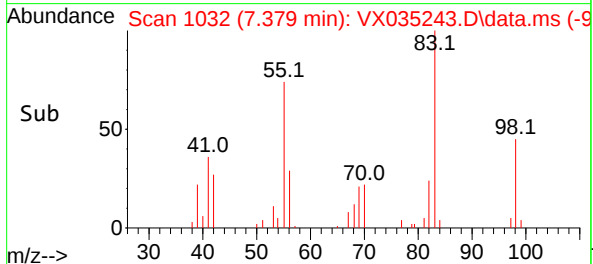
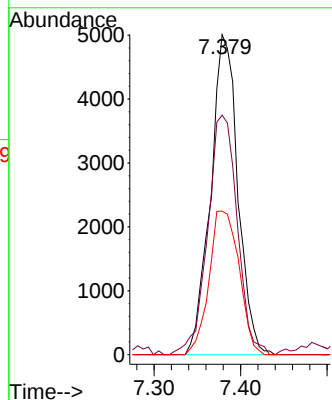
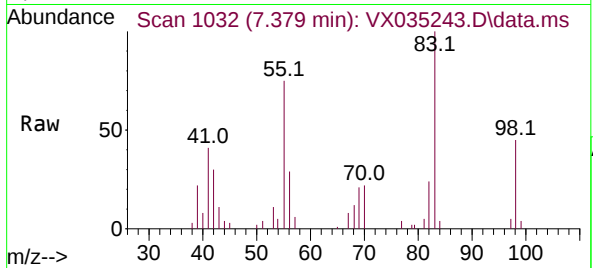




#39
Methylcyclohexane
Concen: 2.371 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

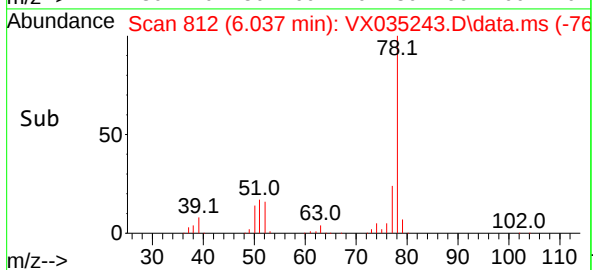
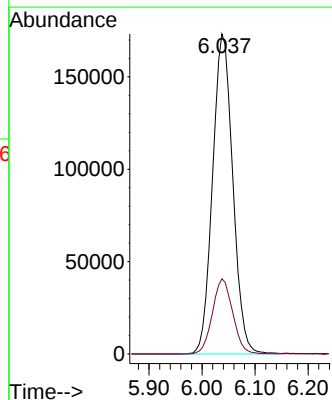
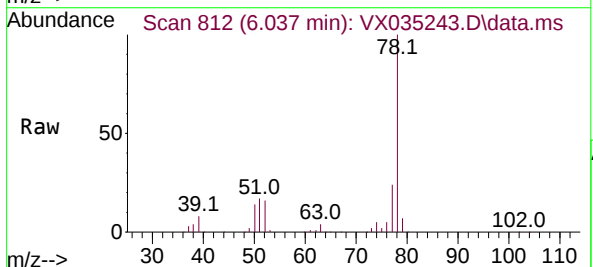
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

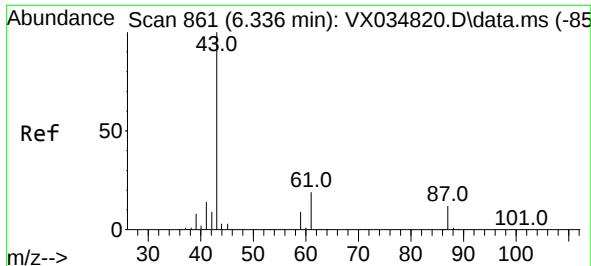
Tgt Ion: 83	Resp: 10950
Ion Ratio	Lower Upper
83 100	
55 73.8	60.5 90.7
98 44.8	40.4 60.6



#40
Benzene
Concen: 36.749 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 78	Resp: 458771
Ion Ratio	Lower Upper
78 100	
77 23.5	19.0 28.4

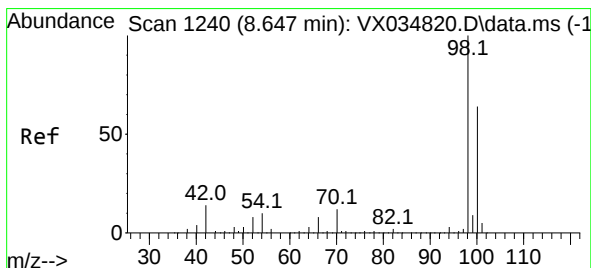
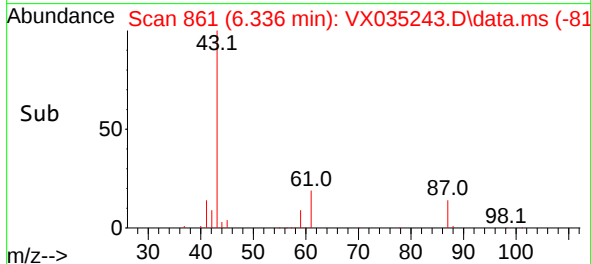
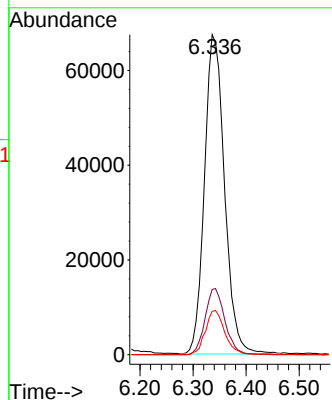
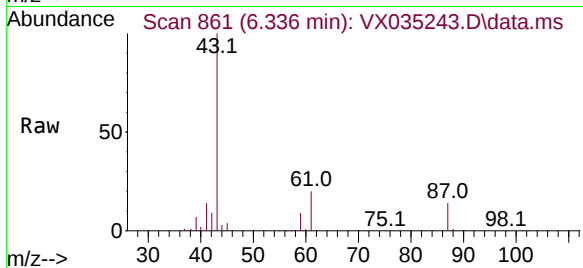




#43
Isopropyl Acetate
Concen: 23.325 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

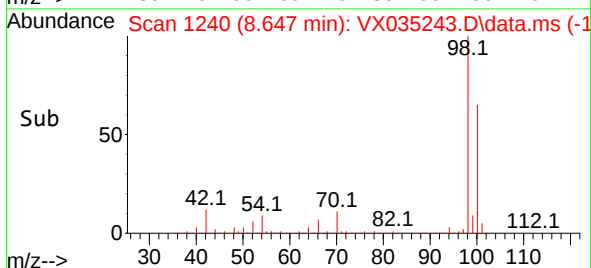
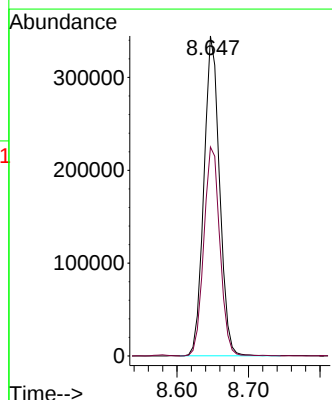
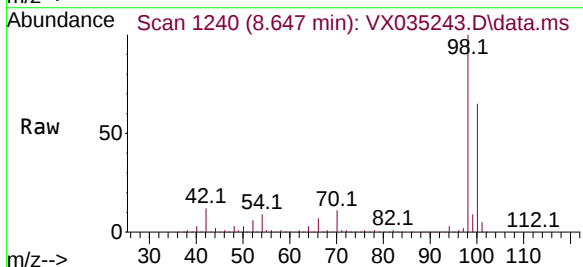
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

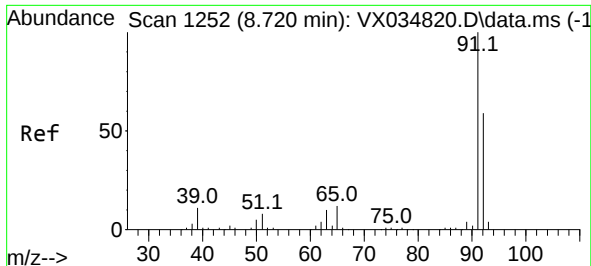
Tgt Ion: 43 Resp: 177445
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 13.4 9.8 14.8



#50
Toluene-d8
Concen: 48.227 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 98 Resp: 522524
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

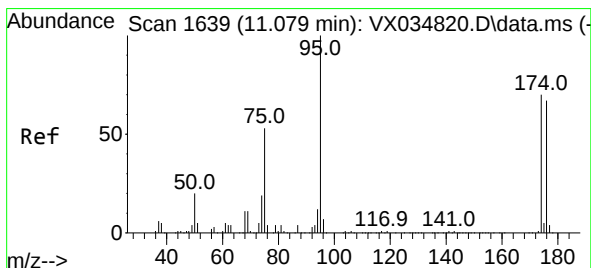
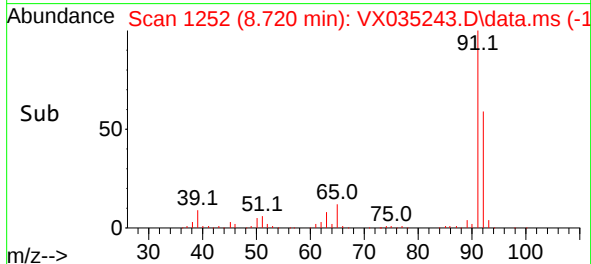
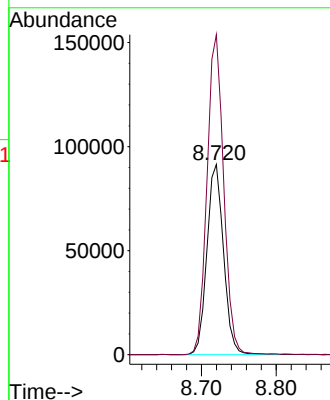
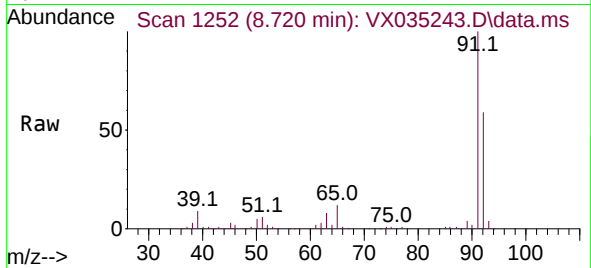




#52
Toluene
Concen: 17.347 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

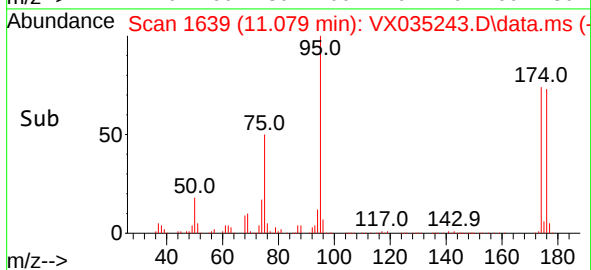
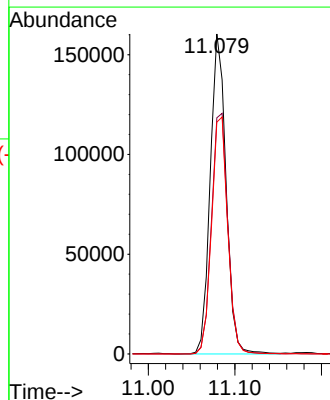
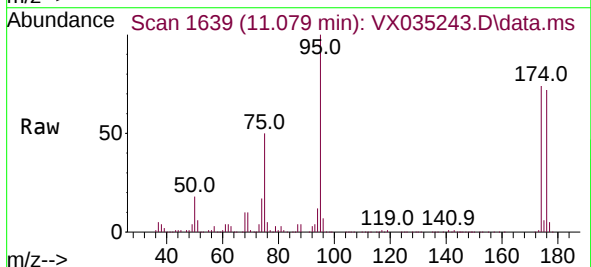
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

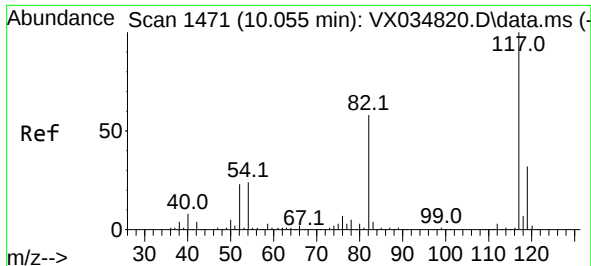
Tgt Ion: 92 Resp: 141200
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion: 95 Resp: 203551
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 75.8 0.0 140.6

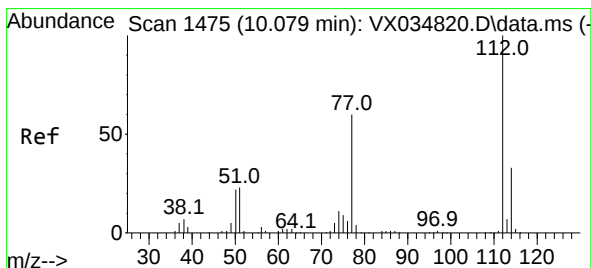
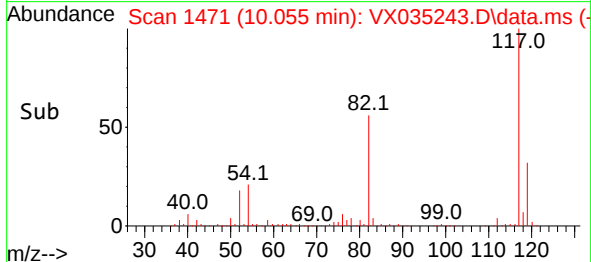
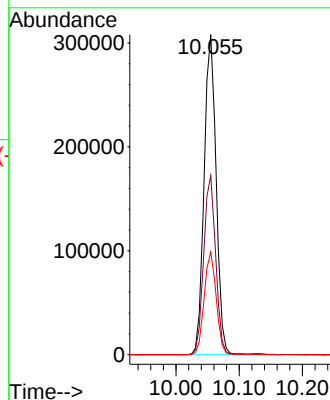
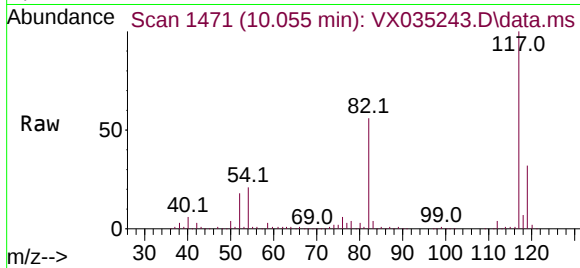




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

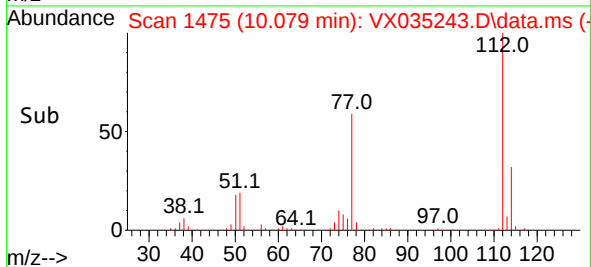
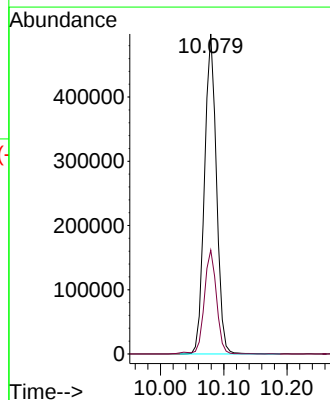
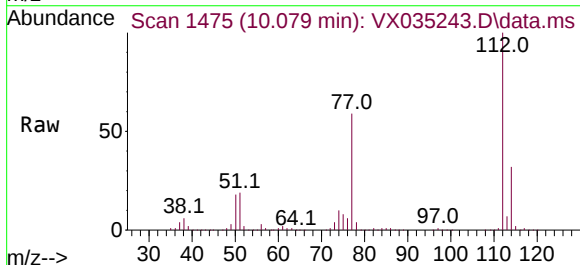
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

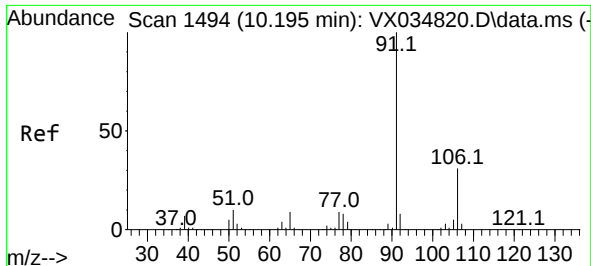
Tgt Ion:117 Resp: 408275
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.1 26.0 39.0



#65
Chlorobenzene
Concen: 77.234 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion:112 Resp: 656073
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2





#67

Ethyl Benzene

Concen: 94.695 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

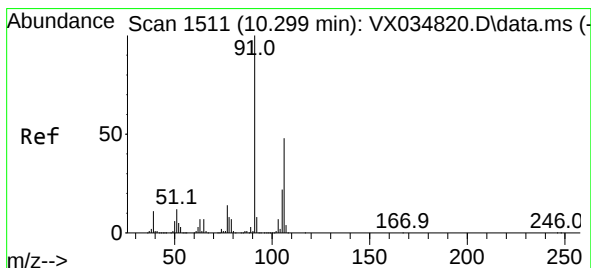
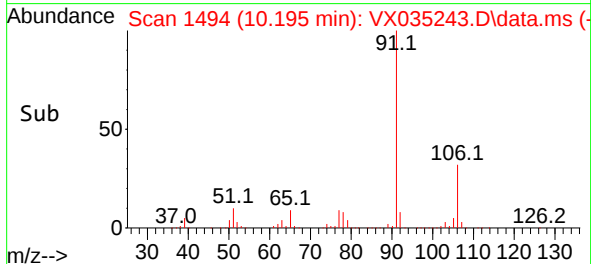
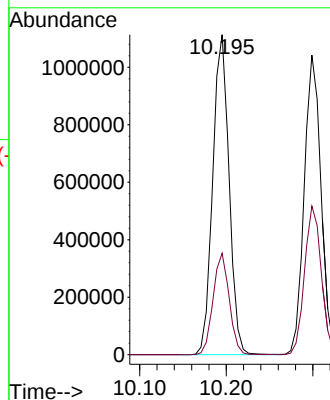
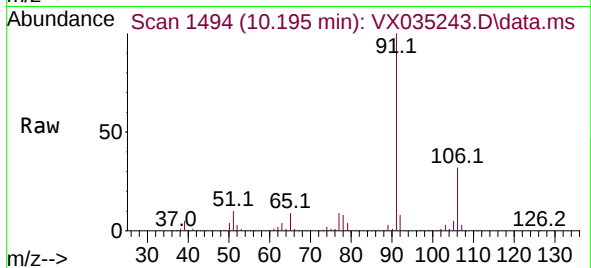
SPA-2WC-23-04

Tgt Ion: 91 Resp: 1457212

Ion Ratio Lower Upper

91 100

106 31.7 25.6 38.4



#68

m/p-Xylenes

Concen: 118.757 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035243.D

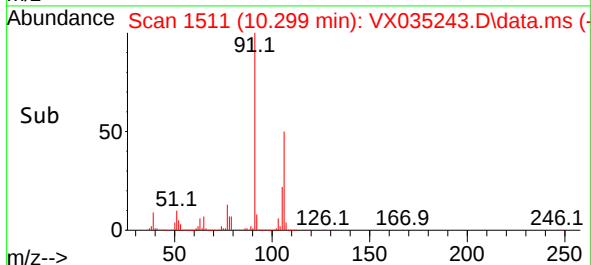
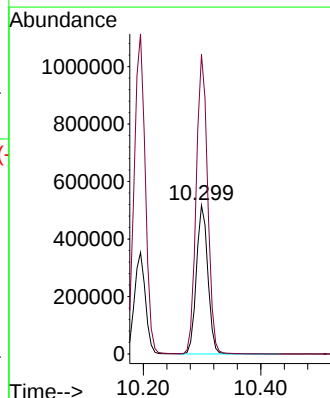
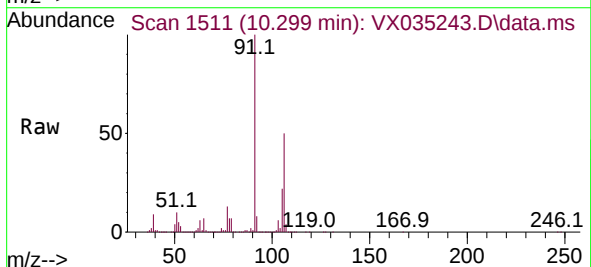
Acq: 21 Apr 2023 19:55

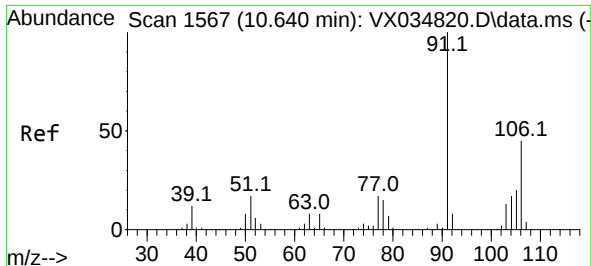
Tgt Ion: 106 Resp: 698089

Ion Ratio Lower Upper

106 100

91 201.8 164.0 246.0

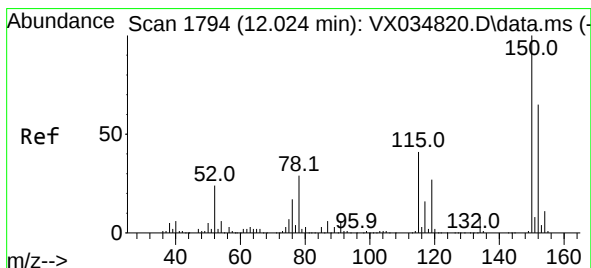
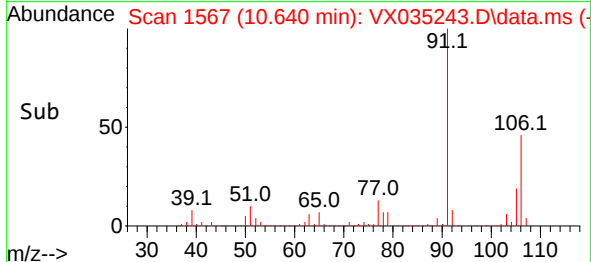
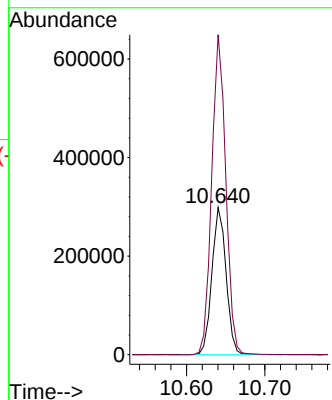
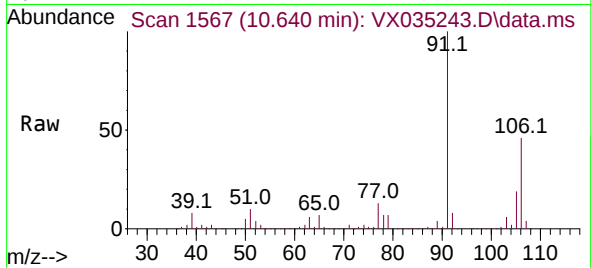




#69
o-Xylene
Concen: 65.044 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

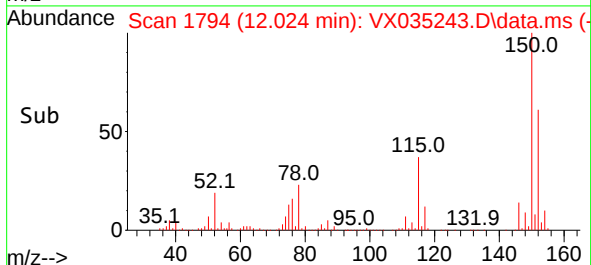
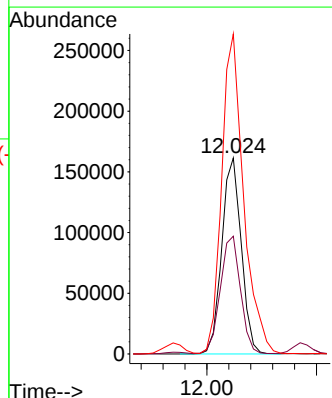
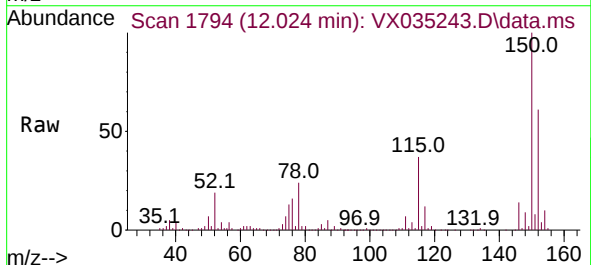
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

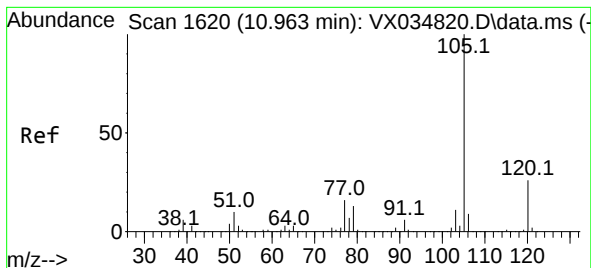
Tgt Ion:106 Resp: 374558
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion:152 Resp: 199173
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 183.7 0.0 352.4





#73

Isopropylbenzene

Concen: 6.649 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

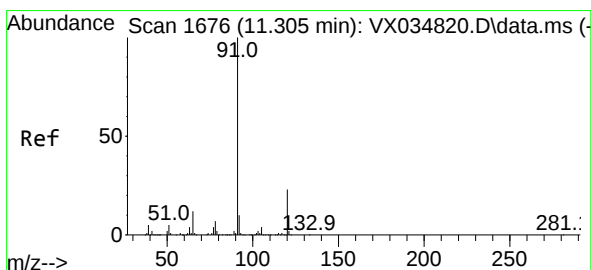
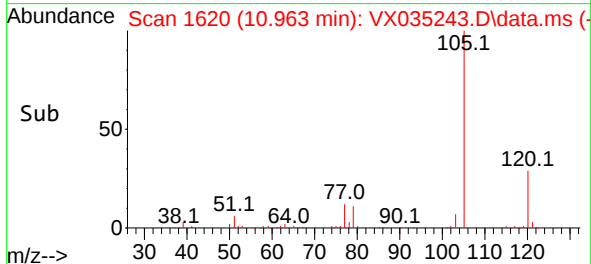
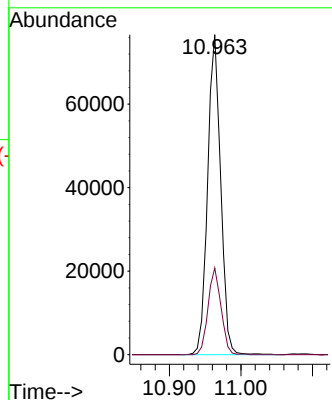
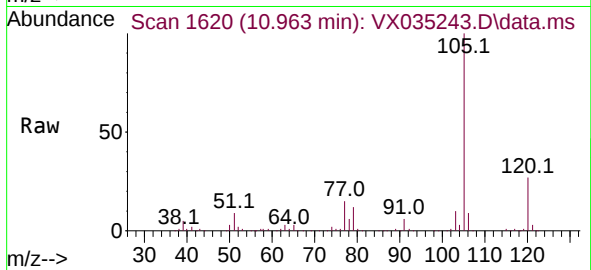
SPA-2WC-23-04

Tgt Ion:105 Resp: 97002

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#78

n-propylbenzene

Concen: 6.490 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035243.D

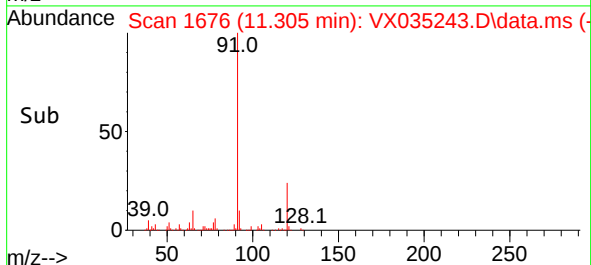
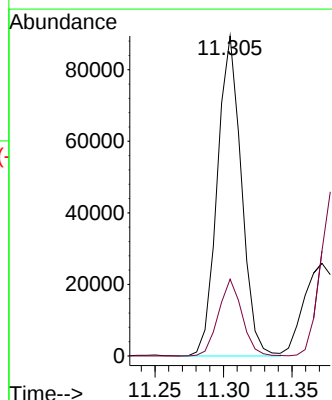
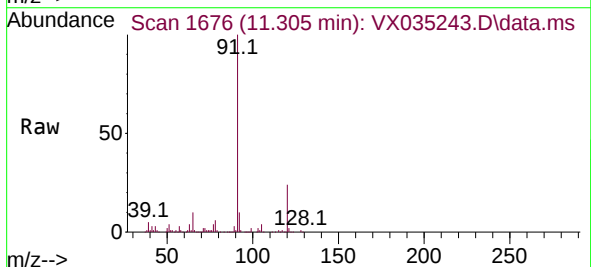
Acq: 21 Apr 2023 19:55

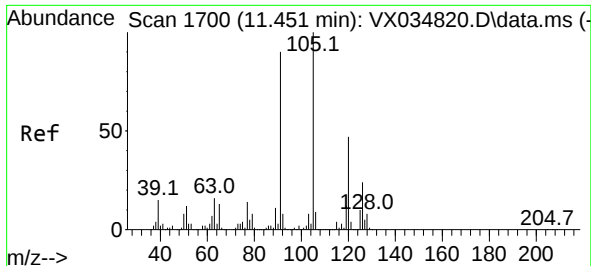
Tgt Ion: 91 Resp: 109374

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5

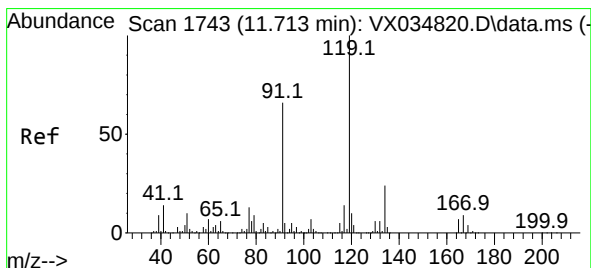
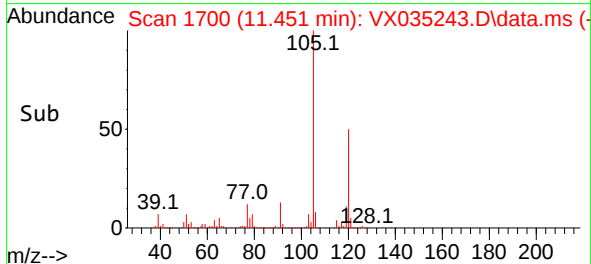
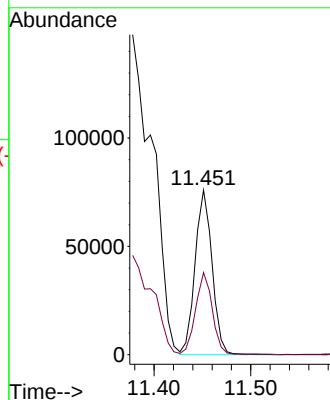
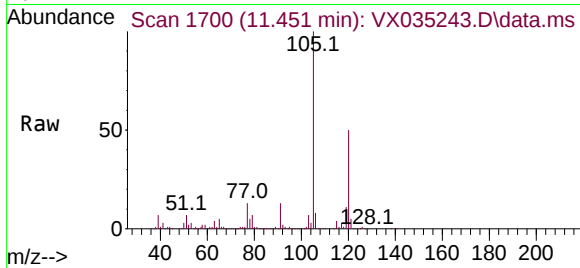




#80
1,3,5-Trimethylbenzene
Concen: 7.626 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

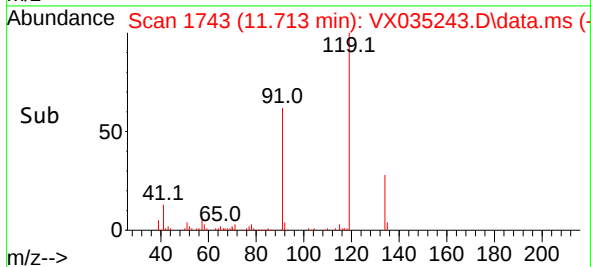
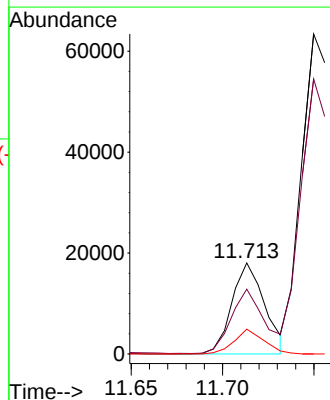
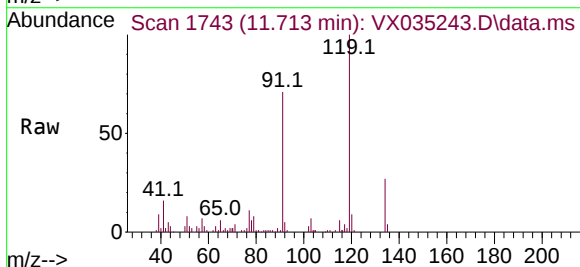
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

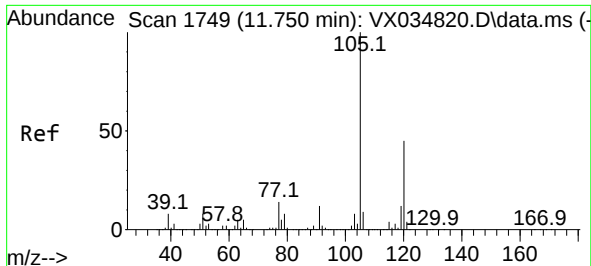
Tgt Ion:105 Resp: 93021
Ion Ratio Lower Upper
105 100
120 49.2 23.7 71.1



#83
tert-Butylbenzene
Concen: 1.965 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion:119 Resp: 22514
Ion Ratio Lower Upper
119 100
91 71.8 30.6 92.0
134 24.6 11.8 35.4

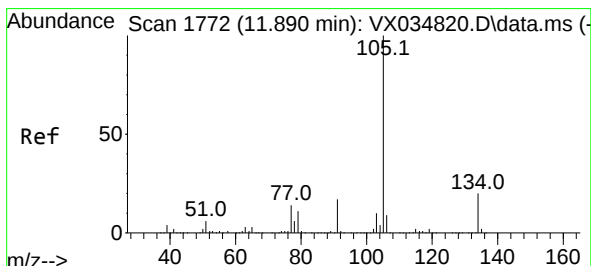
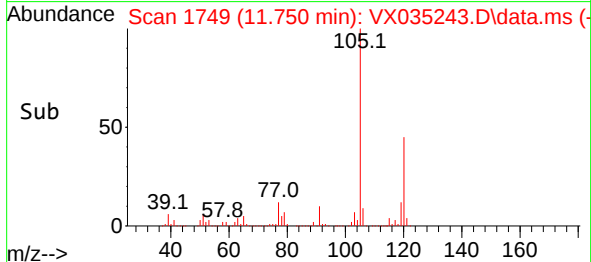
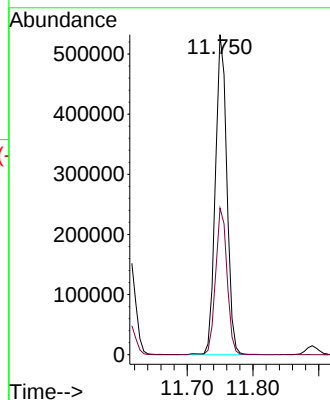
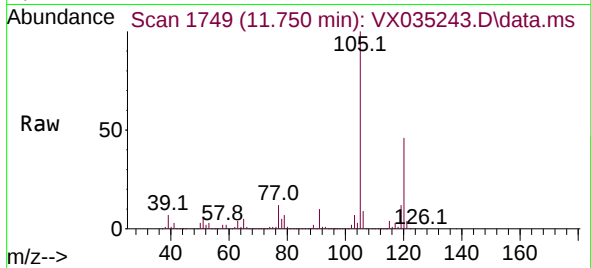




#84
1,2,4-Trimethylbenzene
Concen: 51.978 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

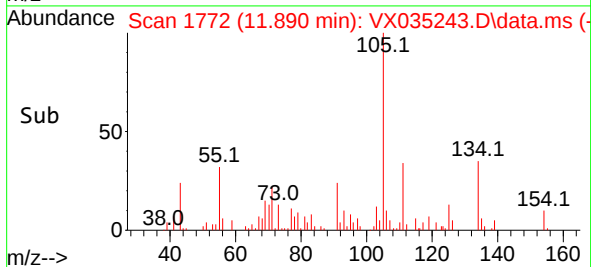
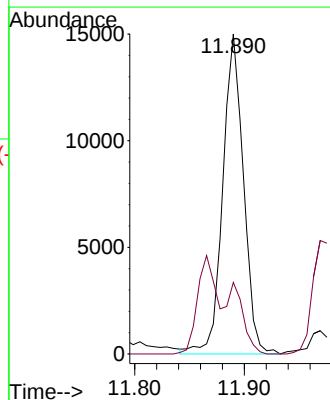
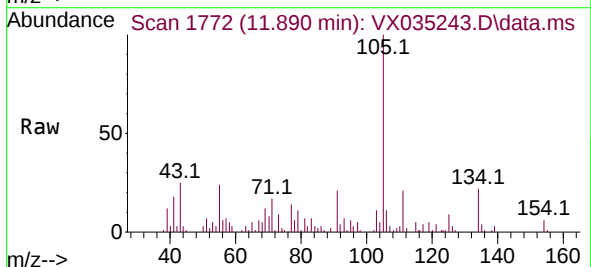
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

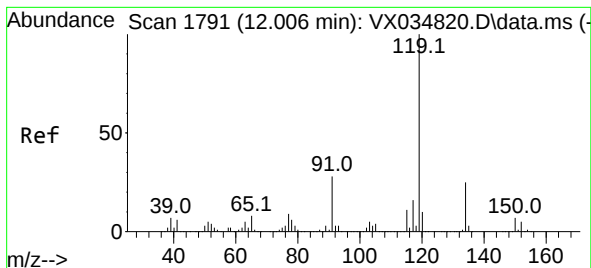
Tgt Ion:105 Resp: 644792
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.415 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035243.D
Acq: 21 Apr 2023 19:55

Tgt Ion:105 Resp: 19719
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 3.539 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

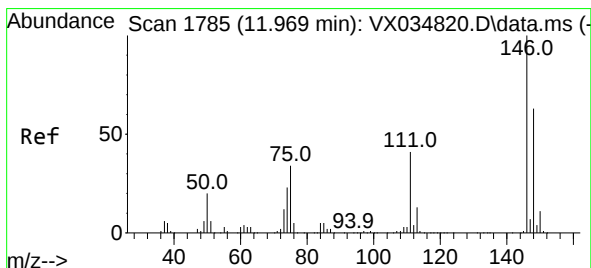
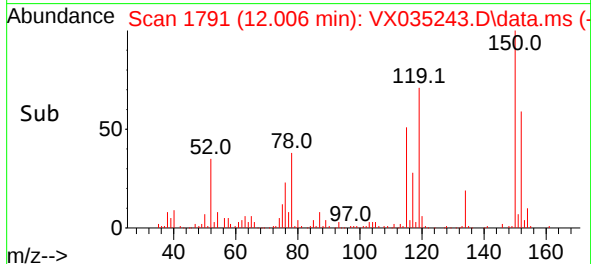
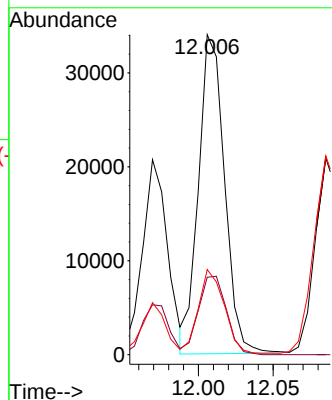
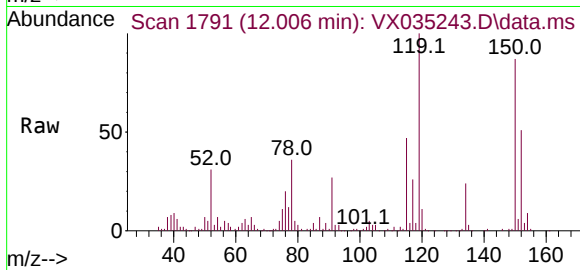
Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

Tgt Ion:	119	Resp:	41122
Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	25.8	12.9	38.7



#87

1,3-Dichlorobenzene

Concen: 17.224 ug/l

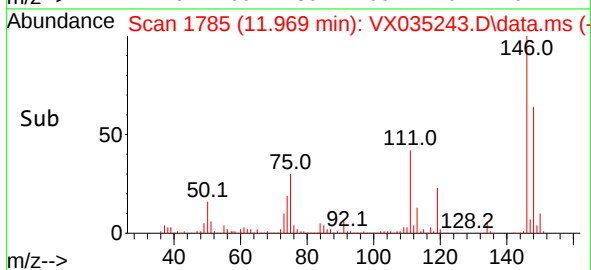
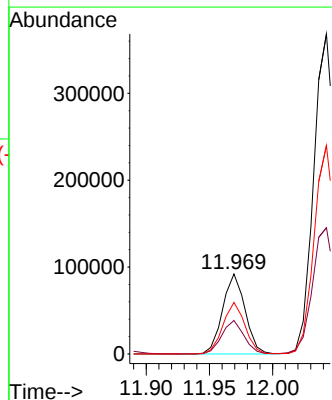
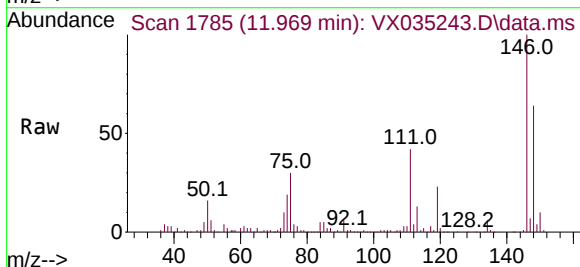
RT: 11.969 min Scan# 1785

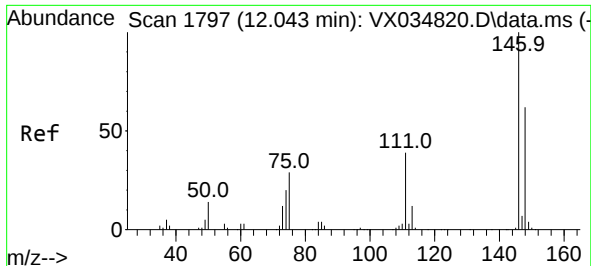
Delta R.T. 0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Tgt Ion:	146	Resp:	113391
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	63.5	31.6	95.0





#88

1,4-Dichlorobenzene

Concen: 65.955 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

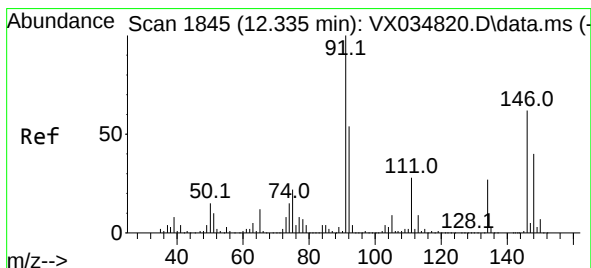
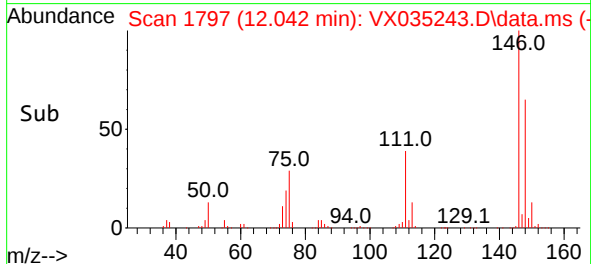
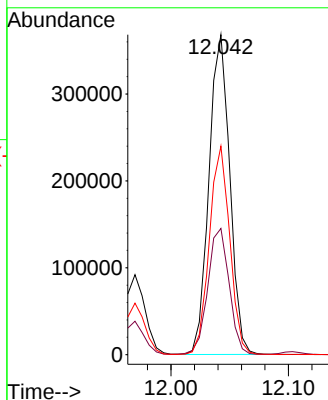
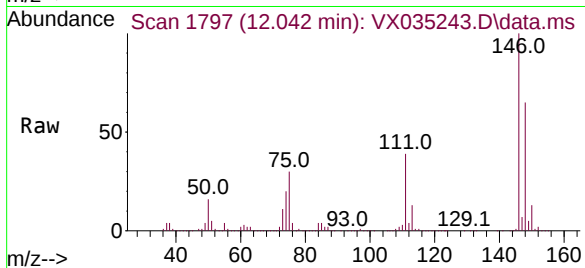
Tgt Ion:146 Resp: 453506

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

148 64.0 31.8 95.4



#91

1,2-Dichlorobenzene

Concen: 64.238 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

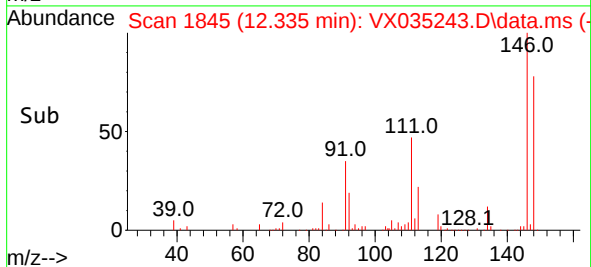
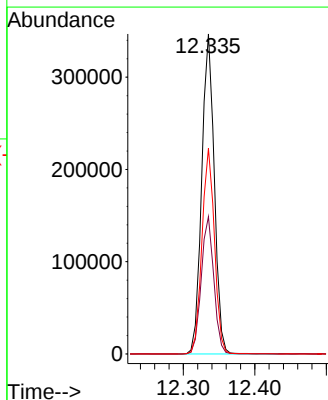
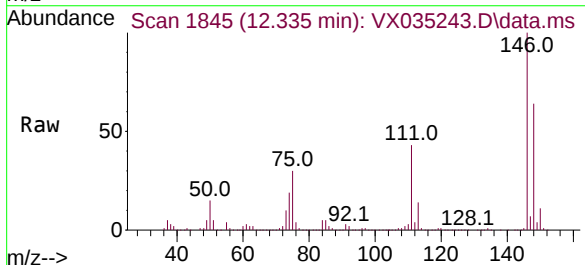
Tgt Ion:146 Resp: 423555

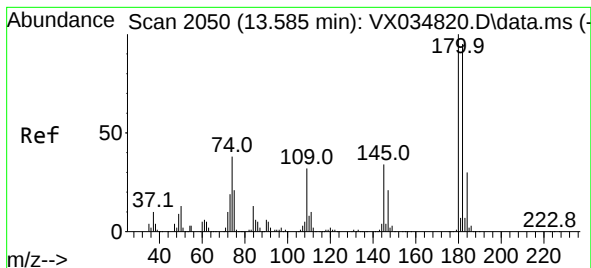
Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 64.0 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 7.301 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

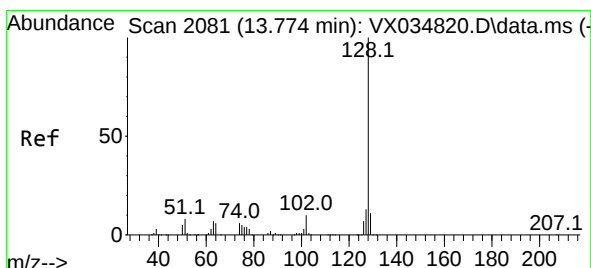
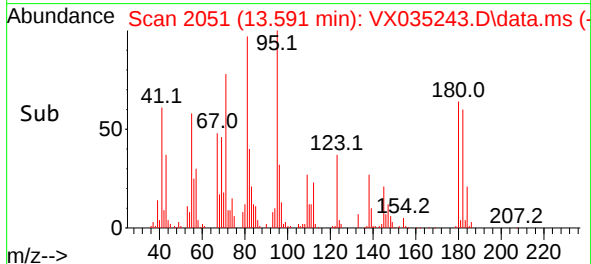
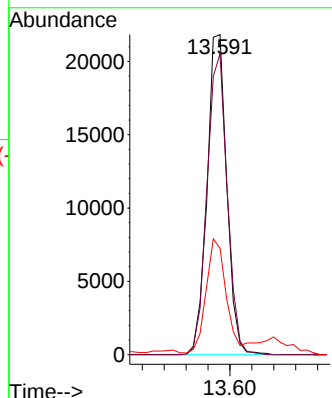
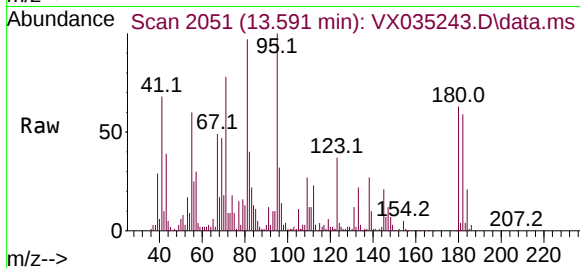
Tgt Ion:180 Resp: 27226

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.0

145 36.9 15.9 47.7



#95

Naphthalene

Concen: 22.513 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035243.D

Acq: 21 Apr 2023 19:55

Tgt Ion:128 Resp: 298309

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.6 13.0

