

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035583.D
 Acq On : 10 May 2023 13:53
 Operator : JC/MD
 Sample : 02505-05ME
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WO-5ME

Quant Time: May 11 04:18:09 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)

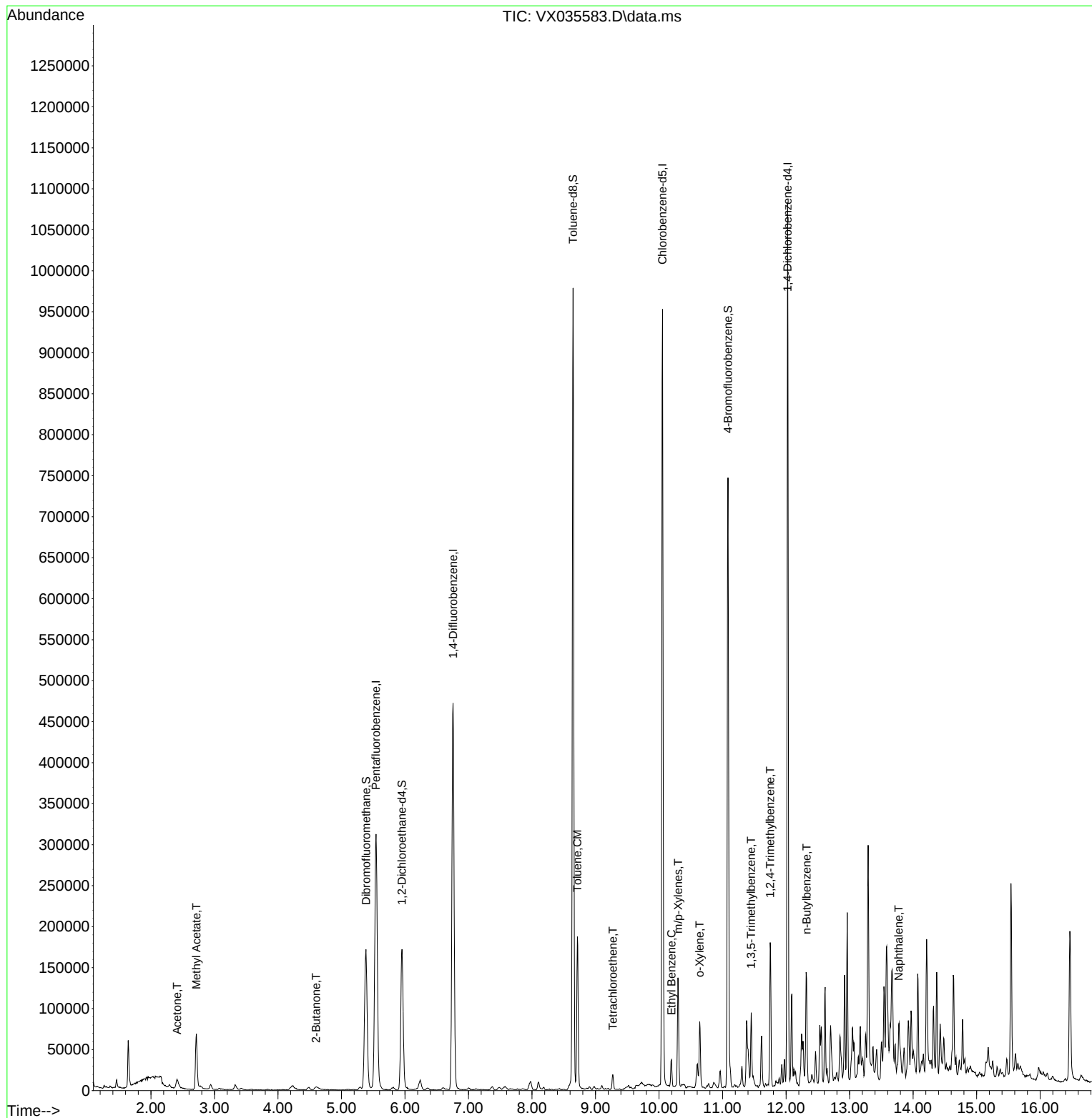
Internal Standards						
1) Pentafluorobenzene	5.544	168	320122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	523267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164877	42.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.380%
35) Dibromofluoromethane	5.385	113	153656	47.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	8.647	98	599171	49.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.085	95	234904	51.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.080%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	19826	11.820	ug/l	90
18) Methyl Acetate	2.715	43	86268	13.300	ug/l	97
25) 2-Butanone	4.599	43	8748	3.573	ug/l #	90
52) Toluene	8.714	92	73080m	8.014	ug/l	
64) Tetrachloroethene	9.275	164	3520	0.951	ug/l	92
67) Ethyl Benzene	10.195	91	19013	1.050	ug/l	96
68) m/p-Xylenes	10.299	106	31573	4.551	ug/l	99
69) o-Xylene	10.640	106	18911	2.780	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	38043	2.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	79966	5.323	ug/l	97
89) n-Butylbenzene	12.323	91	16018	1.212	ug/l #	1
95) Naphthalene	13.774	128	43411	2.678	ug/l #	94

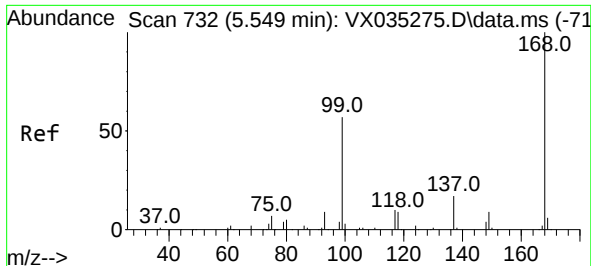
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

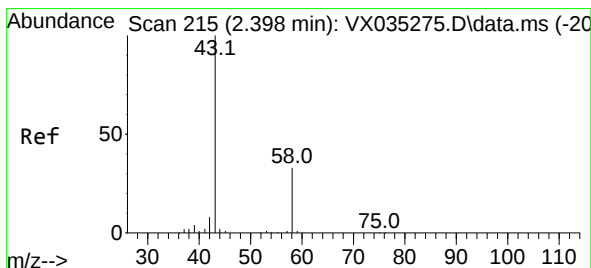
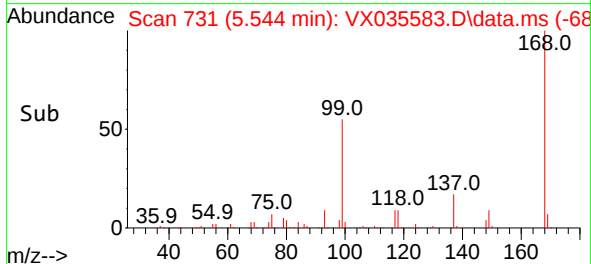
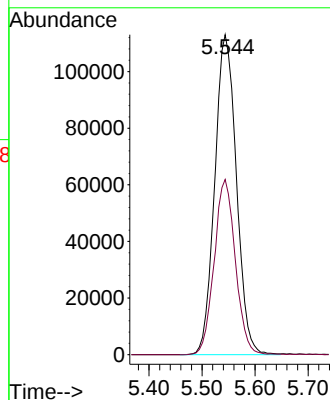
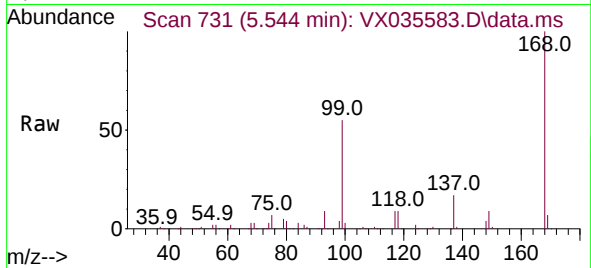




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

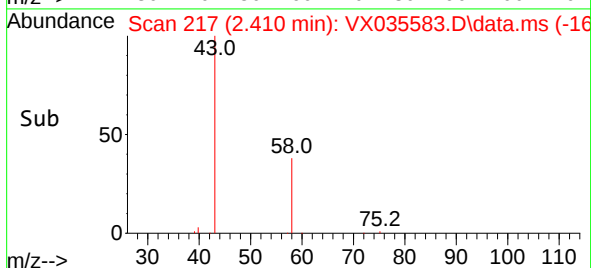
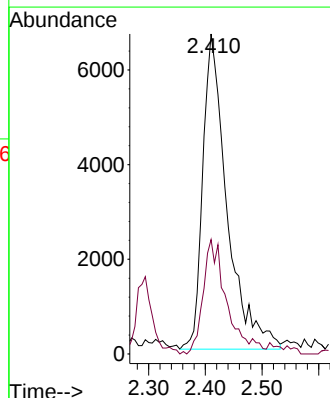
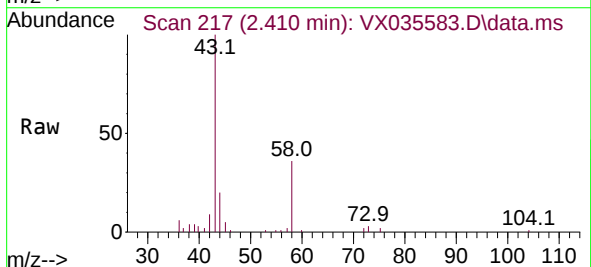
Instrument :
MSVOA_X
ClientSampleId :
WO-5ME

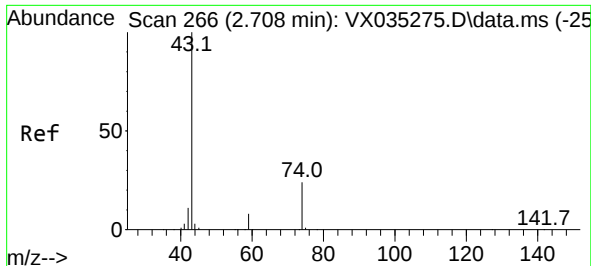
Tgt Ion:168 Resp: 320122
Ion Ratio Lower Upper
168 100
99 54.7 45.7 68.5



#16
Acetone
Concen: 11.820 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion: 43 Resp: 19826
Ion Ratio Lower Upper
43 100
58 36.3 24.7 37.1

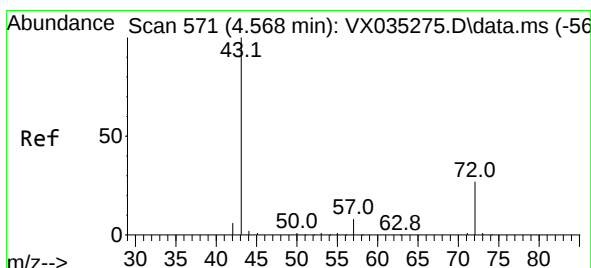
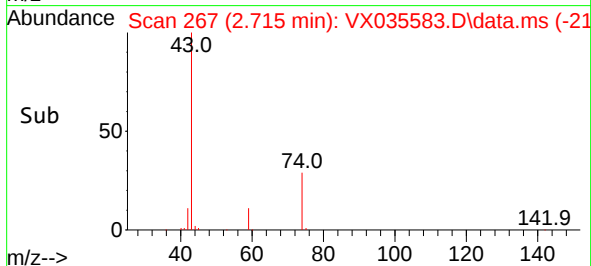
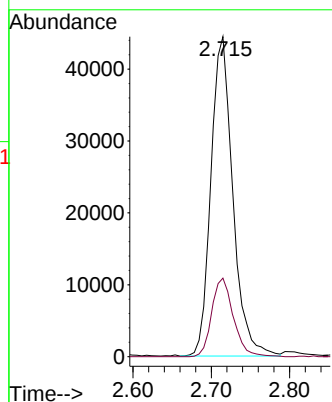
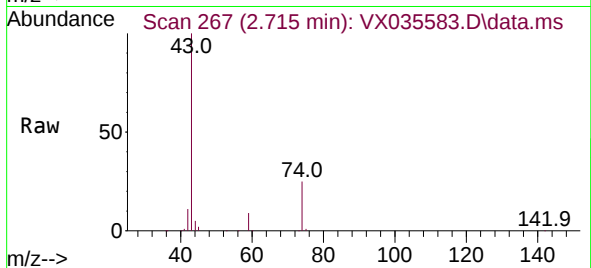




#18
Methyl Acetate
Concen: 13.300 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

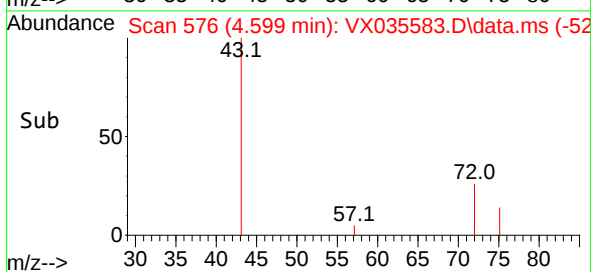
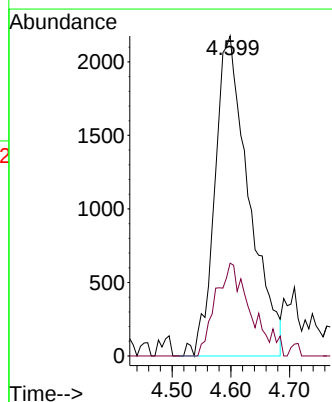
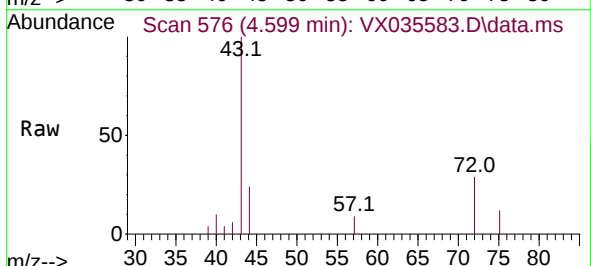
Instrument :
MSVOA_X
ClientSampleId :
WO-5ME

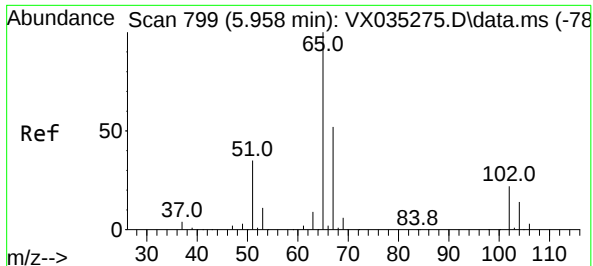
Tgt Ion: 43 Resp: 86268
Ion Ratio Lower Upper
43 100
74 24.3 18.3 27.5



#25
2-Butanone
Concen: 3.573 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion: 43 Resp: 8748
Ion Ratio Lower Upper
43 100
72 29.0 19.3 28.9#





#33

1,2-Dichloroethane-d4

Concen: 42.691 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035583.D

Acq: 10 May 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

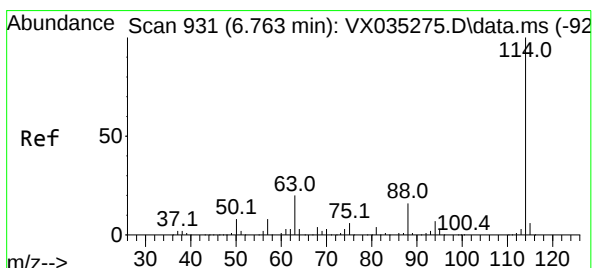
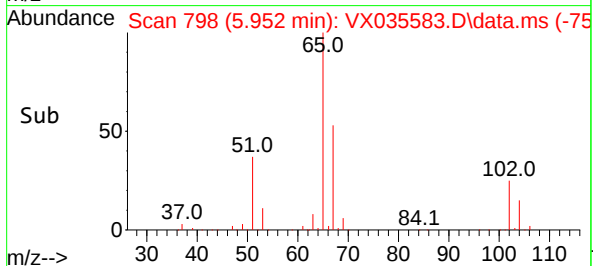
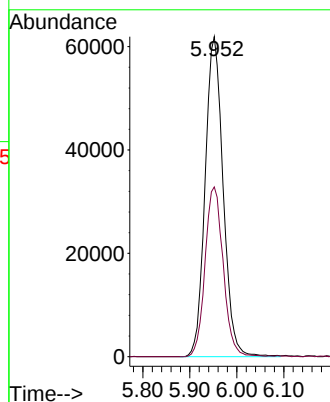
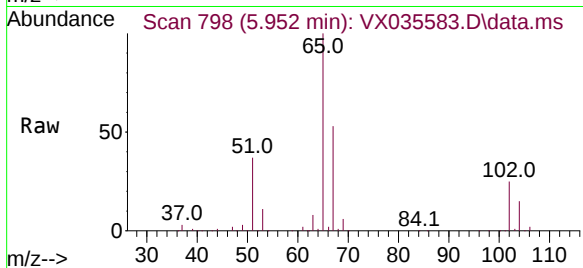
WO-5ME

Tgt Ion: 65 Resp: 164877

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035583.D

Acq: 10 May 2023 13:53

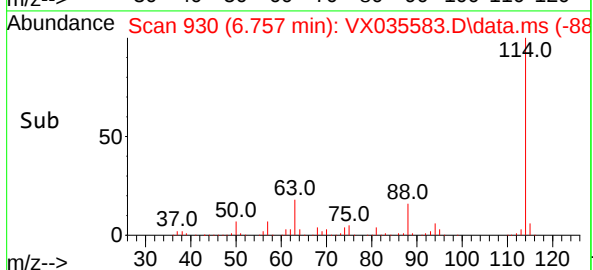
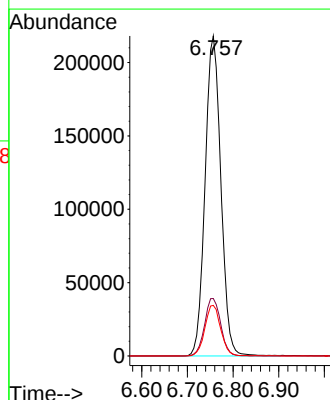
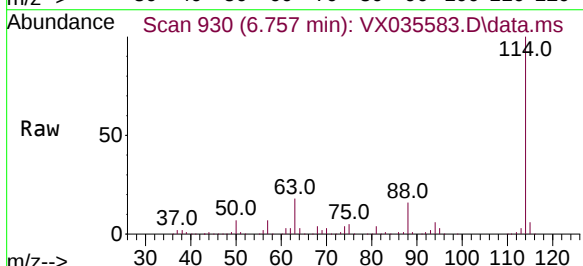
Tgt Ion: 114 Resp: 523267

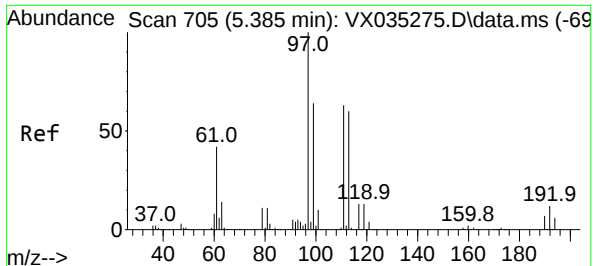
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.2

88 15.8 0.0 33.2

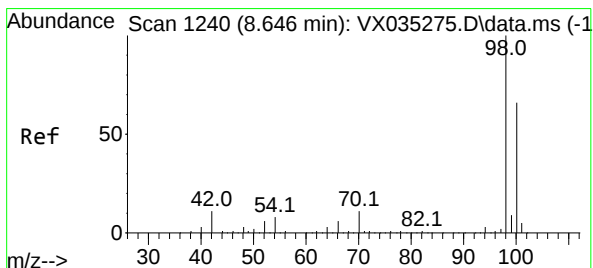
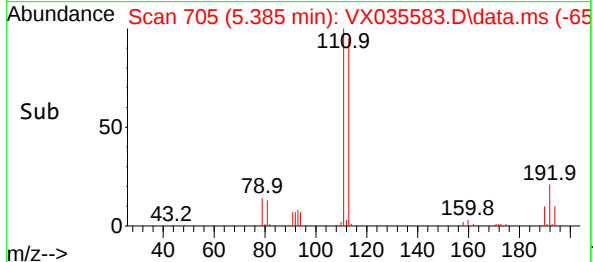
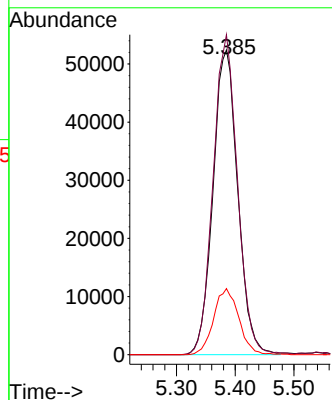
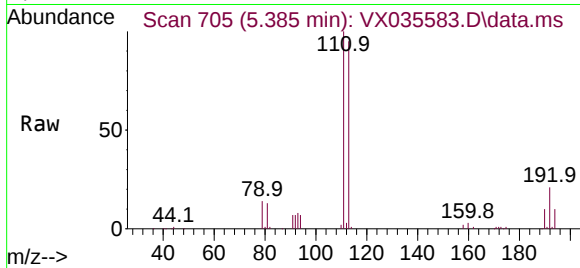




#35
 Dibromofluoromethane
 Concen: 47.843 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035583.D
 Acq: 10 May 2023 13:53

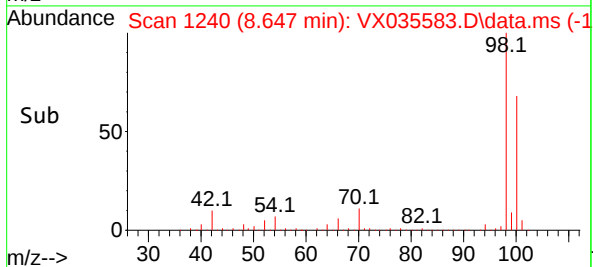
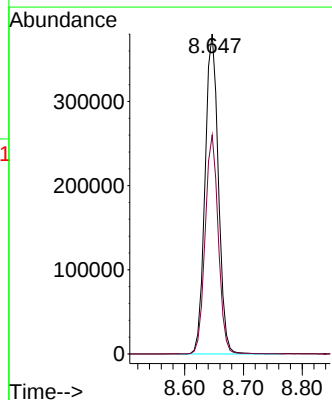
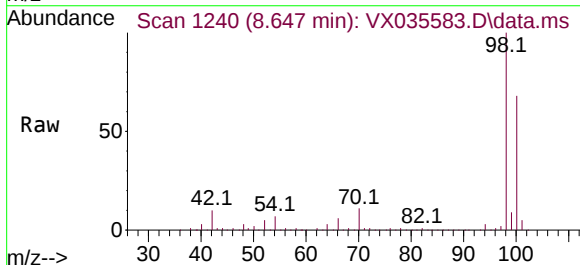
Instrument :
 MSVOA_X
 ClientSampleId :
 WO-5ME

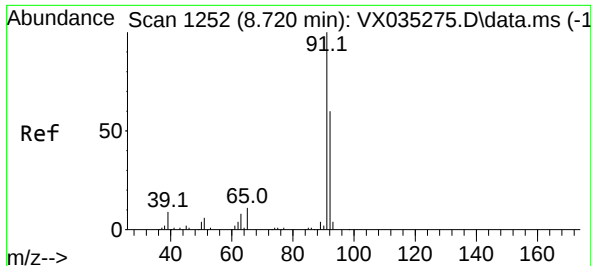
Tgt Ion:113 Resp: 153656
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.7 125.5
 192 22.0 15.4 23.2



#50
 Toluene-d8
 Concen: 49.455 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035583.D
 Acq: 10 May 2023 13:53

Tgt Ion: 98 Resp: 599171
 Ion Ratio Lower Upper
 98 100
 100 67.1 52.5 78.7

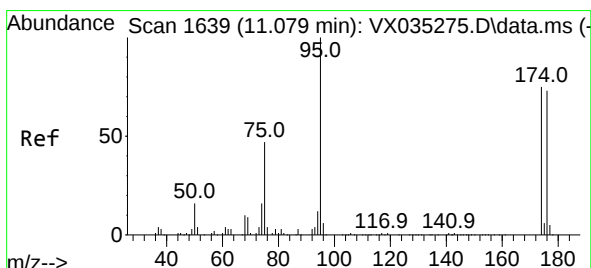
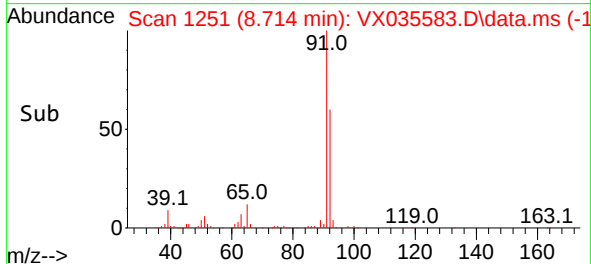
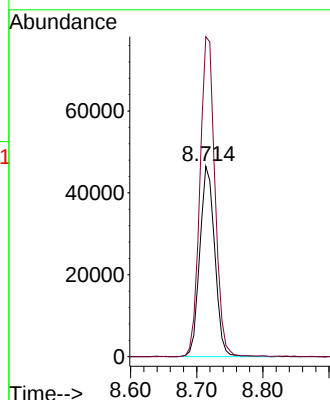
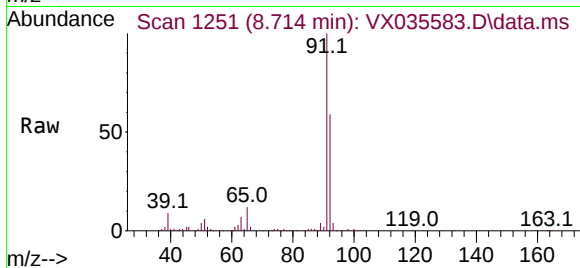




#52
Toluene
Concen: 8.014 ug/l m
RT: 8.714 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

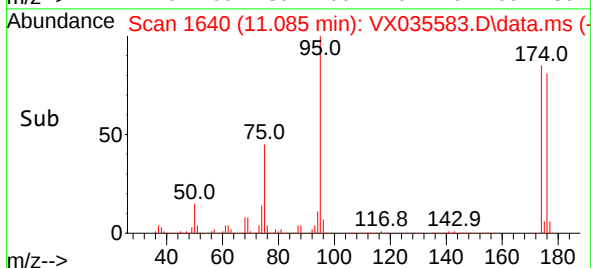
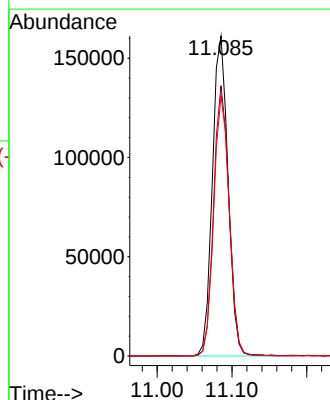
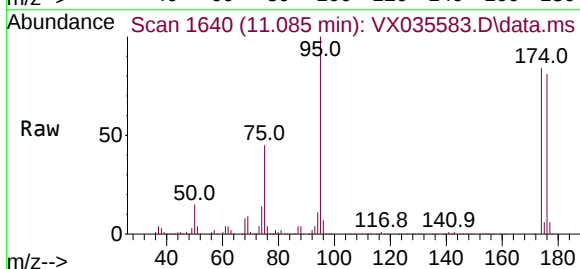
Instrument :
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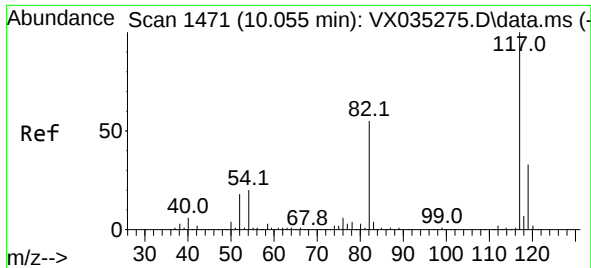
Tgt Ion: 92 Resp: 73080
Ion Ratio Lower Upper
92 100
91 0.0 136.8 205.2#



#62
4-Bromofluorobenzene
Concen: 51.541 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion: 95 Resp: 234904
Ion Ratio Lower Upper
95 100
174 83.5 0.0 147.4
176 80.8 0.0 140.6

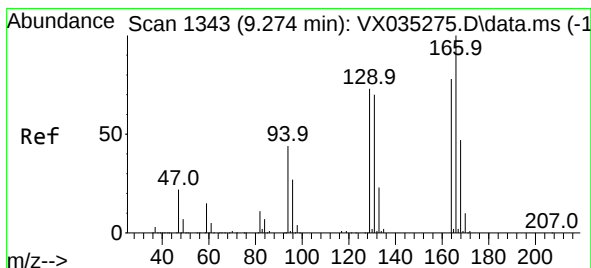
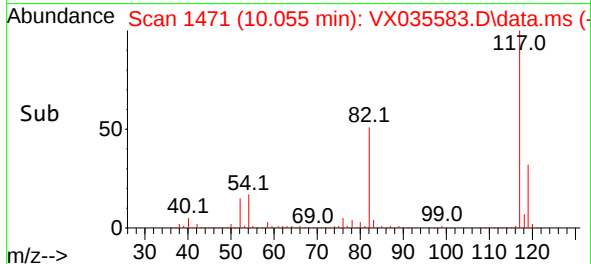
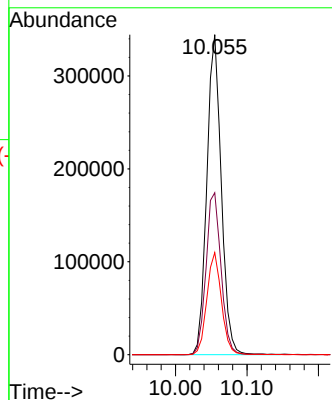
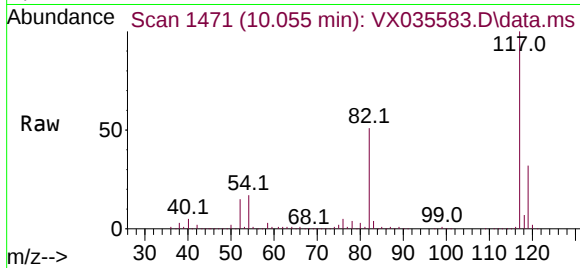




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

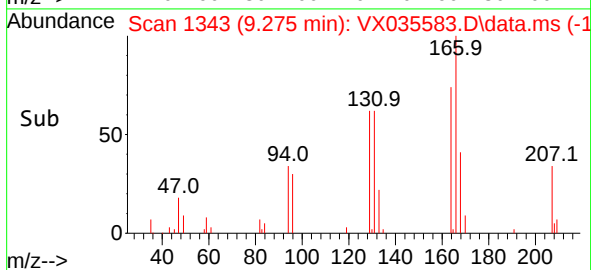
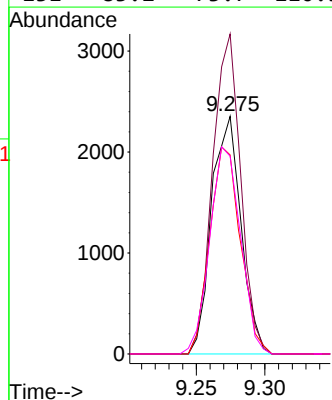
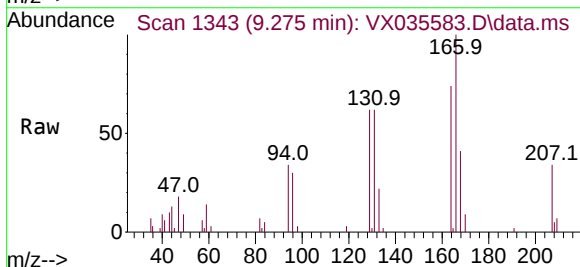
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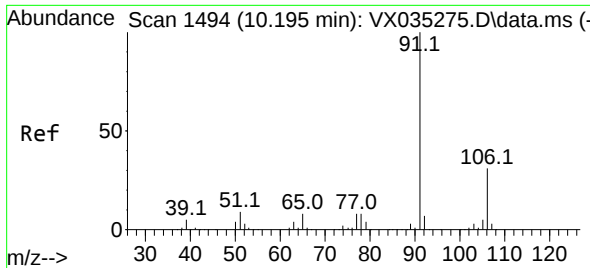
Tgt Ion:117 Resp: 483217
Ion Ratio Lower Upper
117 100
82 50.6 45.0 67.4
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 0.951 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion:164 Resp: 3520
Ion Ratio Lower Upper
164 100
166 134.7 102.7 154.1
129 83.8 75.6 113.4
131 83.2 73.7 110.5

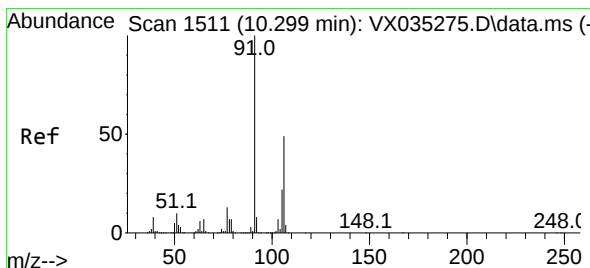
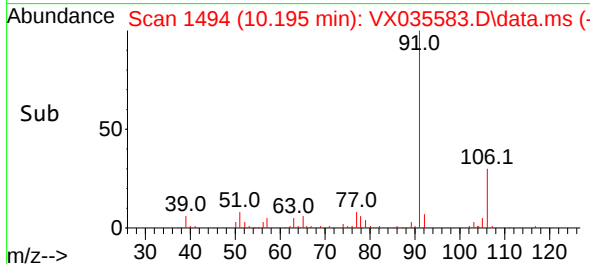
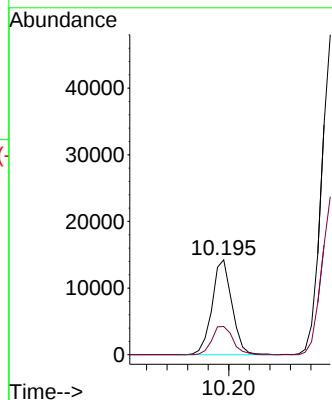
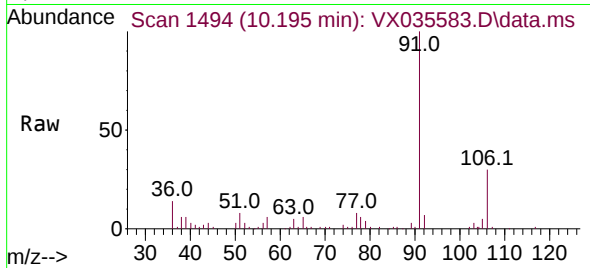




#67
Ethyl Benzene
Concen: 1.050 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

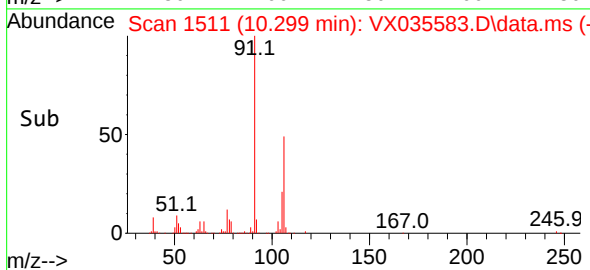
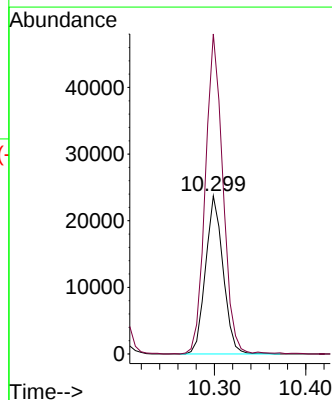
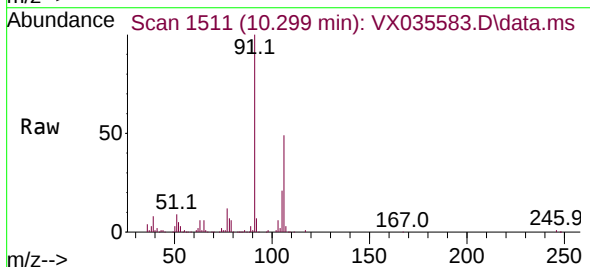
Instrument :
MSVOA_X
ClientSampleId :
WO-5ME

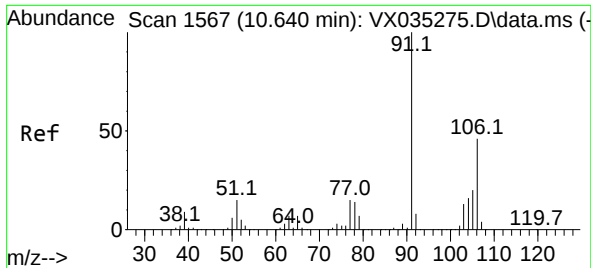
Tgt Ion: 91 Resp: 19013
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 4.551 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion: 106 Resp: 31573
Ion Ratio Lower Upper
106 100
91 203.1 164.0 246.0

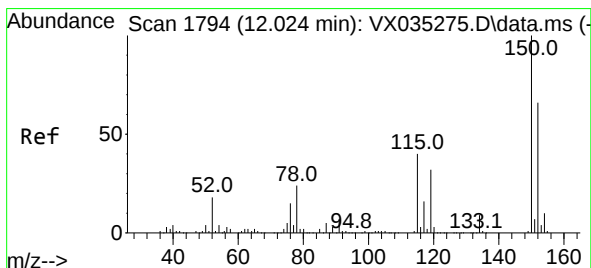
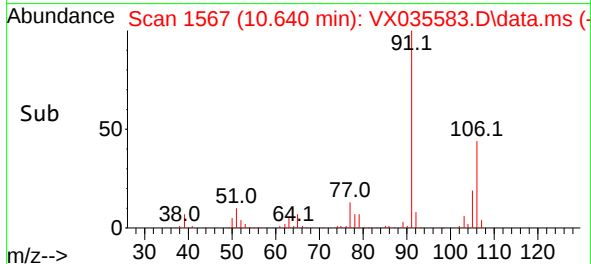
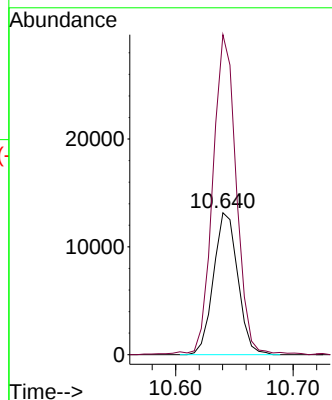
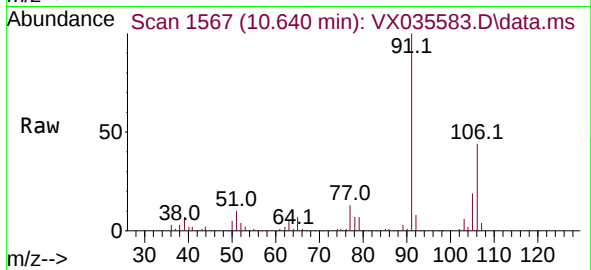




#69
o-Xylene
Concen: 2.780 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

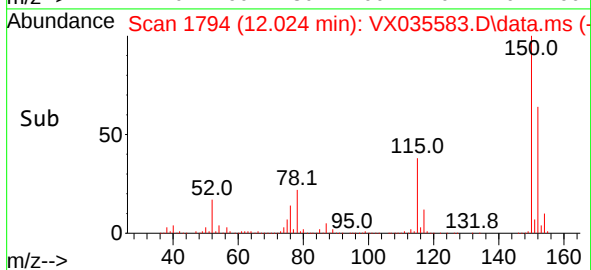
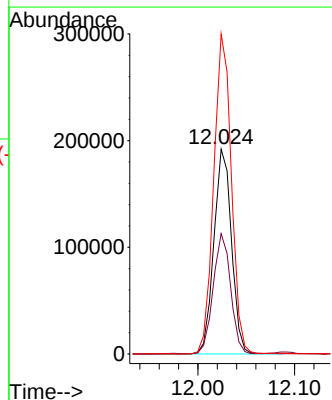
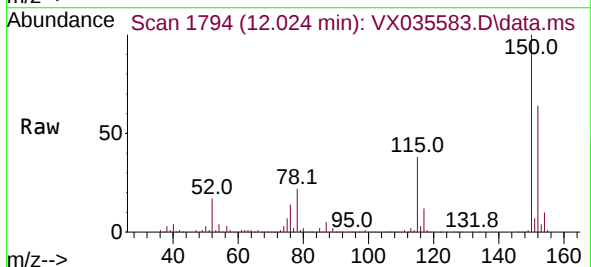
Instrument :
MSVOA_X
ClientSampleId :
WO-5ME

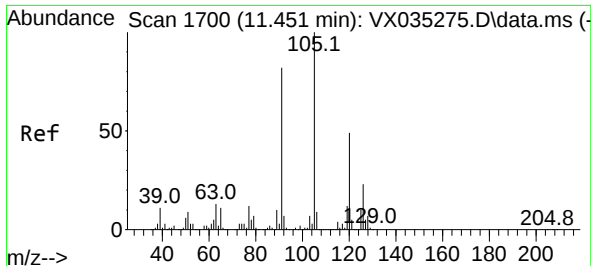
Tgt Ion:106 Resp: 18911
Ion Ratio Lower Upper
106 100
91 219.0 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion:152 Resp: 242563
Ion Ratio Lower Upper
152 100
115 58.0 45.0 135.0
150 156.3 0.0 352.4

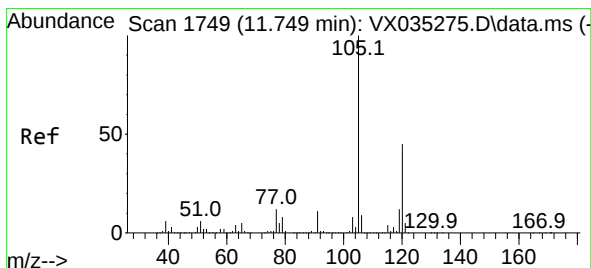
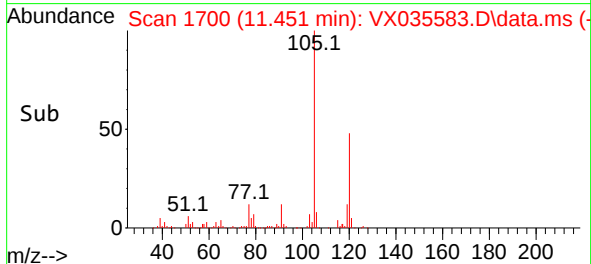
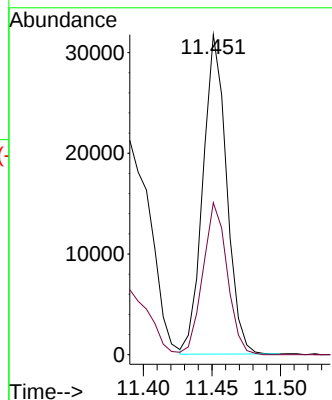
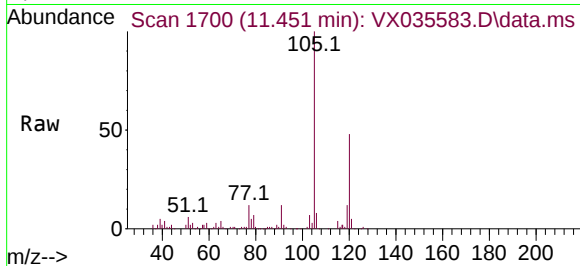




#80
1,3,5-Trimethylbenzene
Concen: 2.545 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

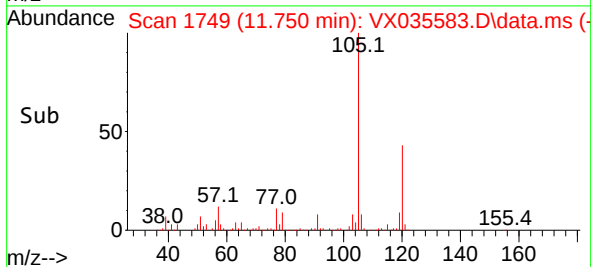
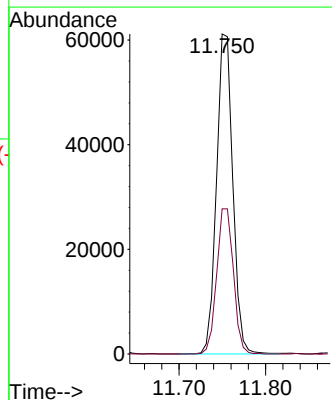
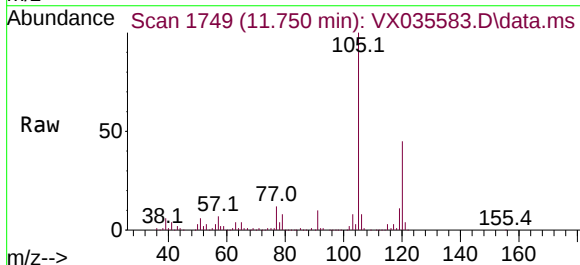
Instrument :
MSVOA_X
ClientSampleId :
WO-5ME

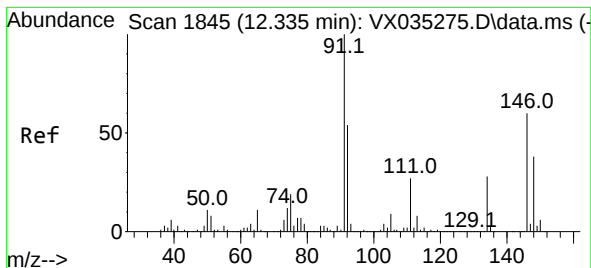
Tgt Ion:105 Resp: 38043
Ion Ratio Lower Upper
105 100
120 48.8 23.7 71.1



#84
1,2,4-Trimethylbenzene
Concen: 5.323 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035583.D
Acq: 10 May 2023 13:53

Tgt Ion:105 Resp: 79966
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0





#89

n-Butylbenzene

Concen: 1.212 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX035583.D

Acq: 10 May 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

WO-5ME

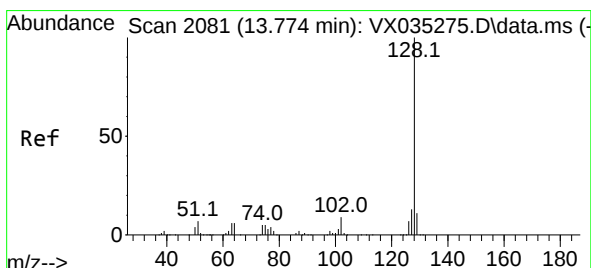
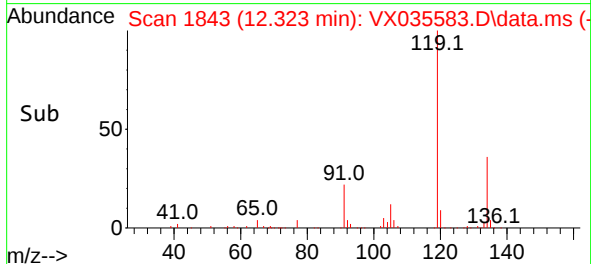
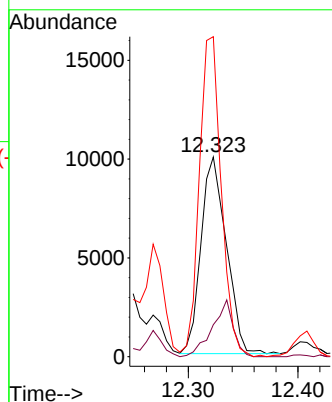
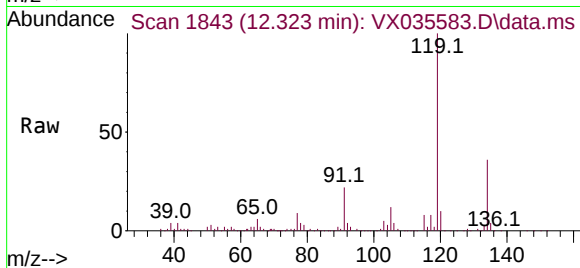
Tgt Ion: 91 Resp: 16018

Ion Ratio Lower Upper

91 100

92 23.8 27.7 83.0#

134 140.5 13.0 38.9#



#95

Naphthalene

Concen: 2.678 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035583.D

Acq: 10 May 2023 13:53

Tgt Ion:128 Resp: 43411

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 14.0 8.6 13.0#

