

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041729.D
 Acq On : 04 Jun 2024 12:45
 Operator : JC/MD
 Sample : P2657-14 10X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4-AB-VOC

Quant Time: Jun 04 13:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

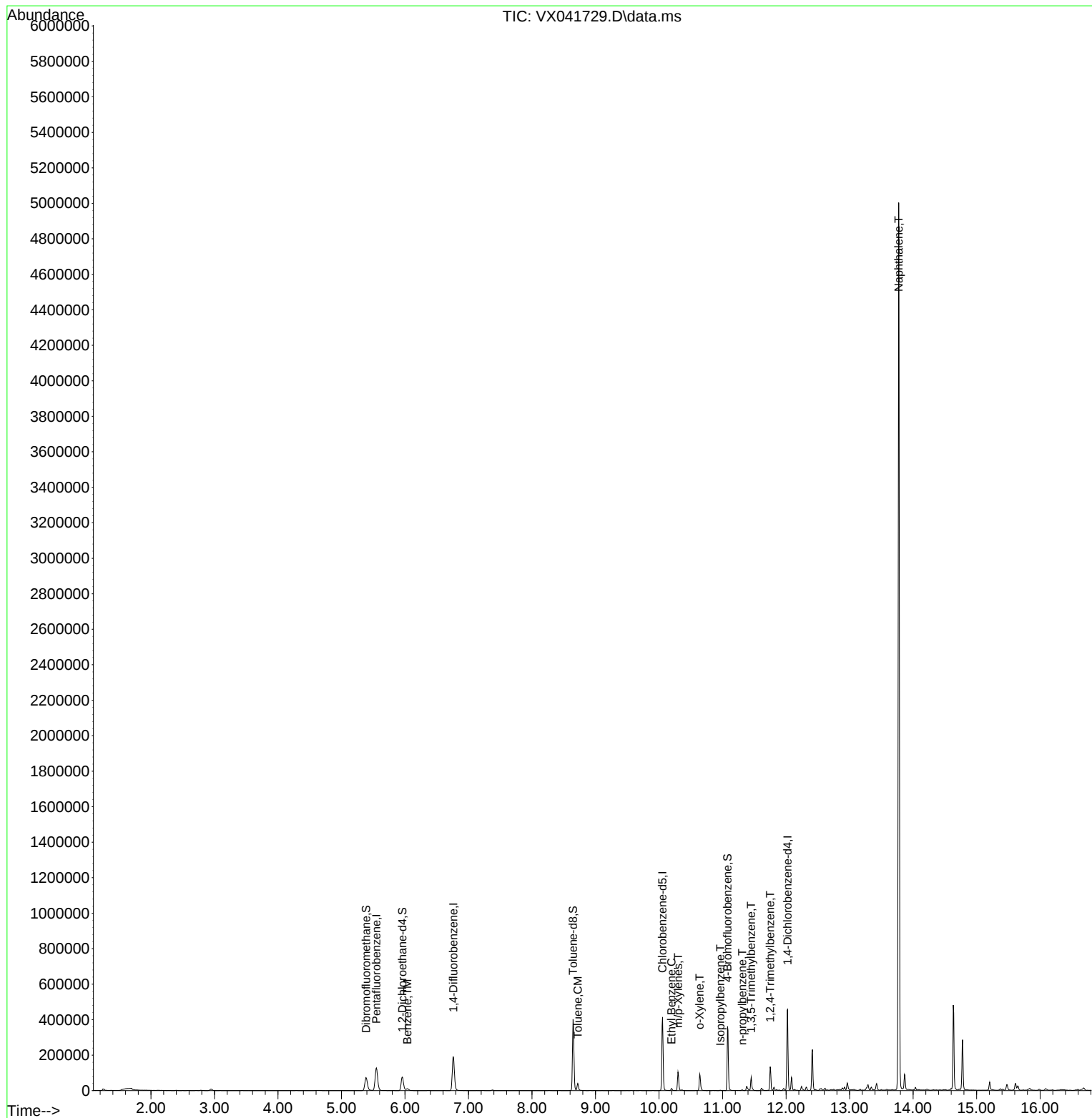
Internal Standards						
1) Pentafluorobenzene	5.550	168	134714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77764	47.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.385	113	63054	44.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	238423	47.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	92125	50.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
						Qvalue
40) Benzene	6.037	78	13148	2.433	ug/l	98
52) Toluene	8.720	92	15922	4.643	ug/l	95
67) Ethyl Benzene	10.195	91	7310	1.080	ug/l	# 89
68) m/p-Xylenes	10.299	106	25719	9.553	ug/l	94
69) o-Xylene	10.640	106	20225	7.552	ug/l	100
73) Isopropylbenzene	10.963	105	1516	0.234	ug/l	95
78) n-propylbenzene	11.311	91	3130	0.439	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	31209	5.758	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	60003	10.927	ug/l	93
95) Naphthalene	13.774	128	3019619	445.424	ug/l	98

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

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4-AB-VOC

Quant Time: Jun 04 13:10:24 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

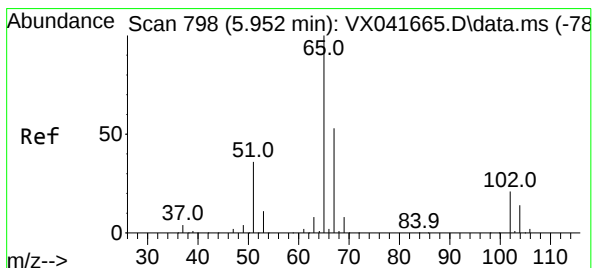
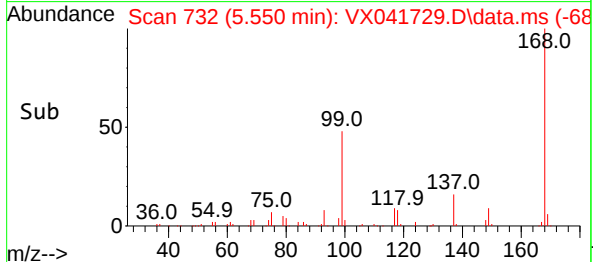
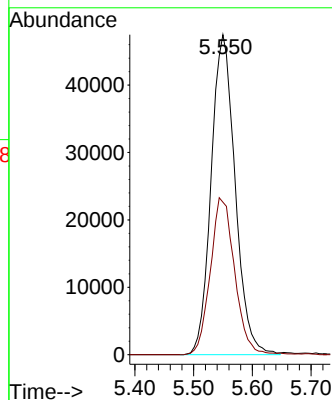
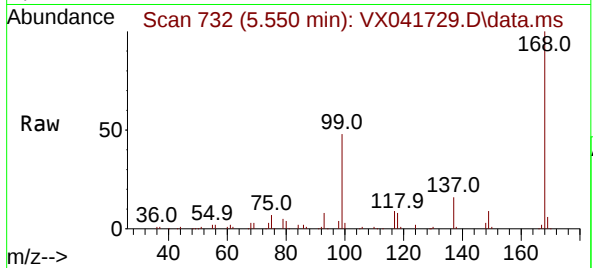




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

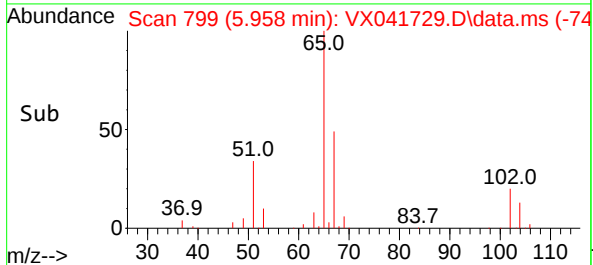
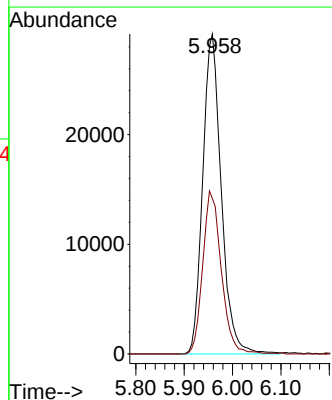
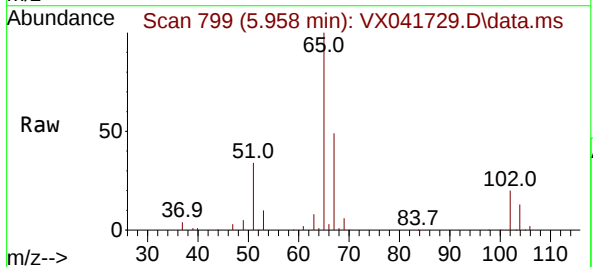
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

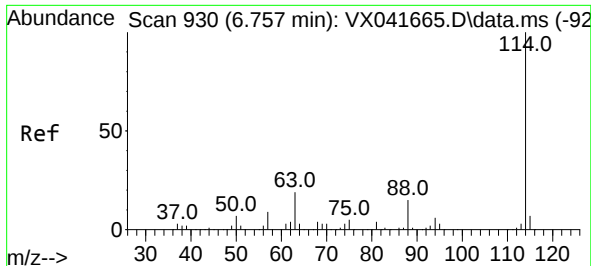
Tgt Ion:168 Resp: 134714
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 47.066 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion: 65 Resp: 77764
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

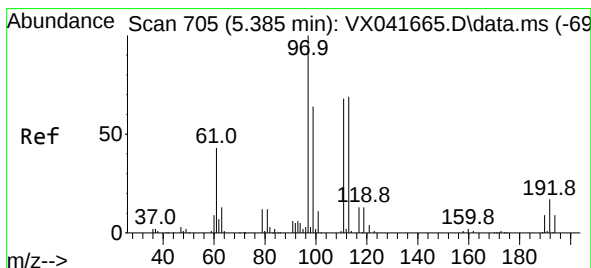
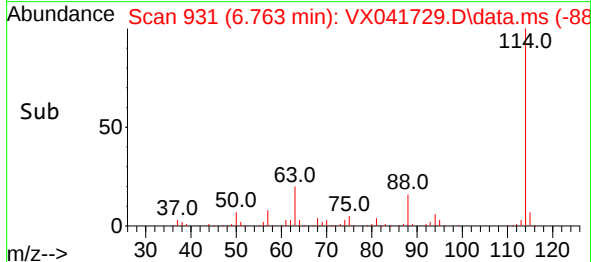
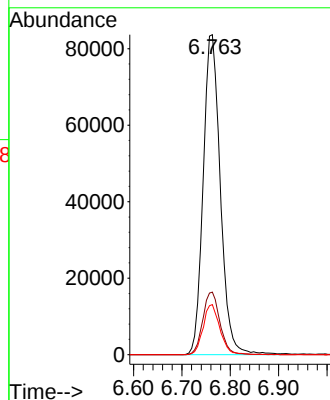
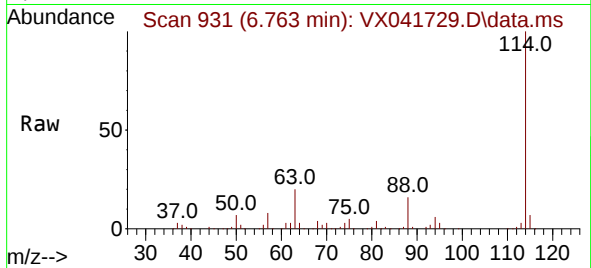




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

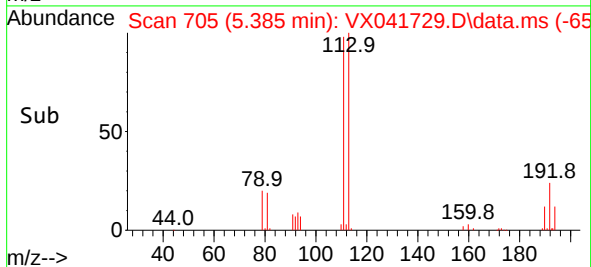
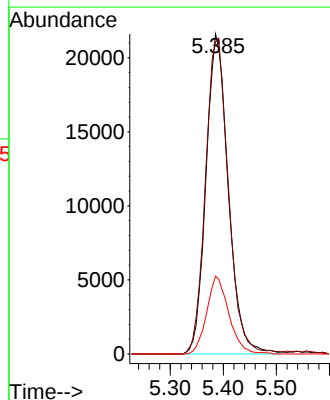
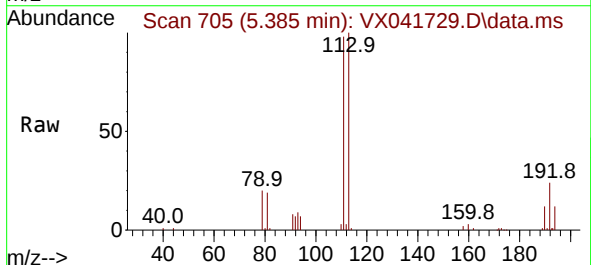
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

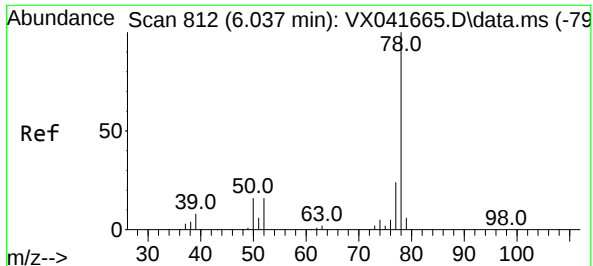
Tgt Ion:114 Resp: 206477
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion:113 Resp: 63054
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.1 13.3 19.9#

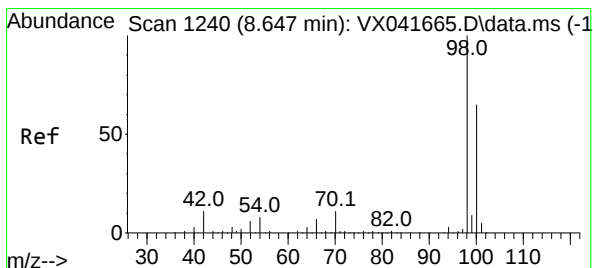
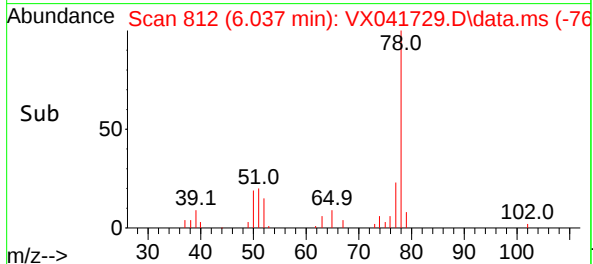
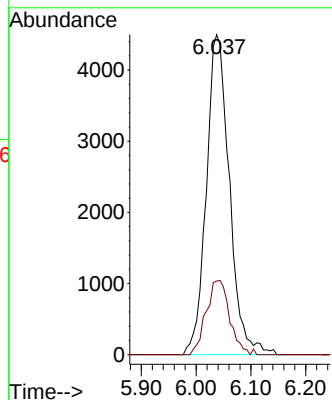
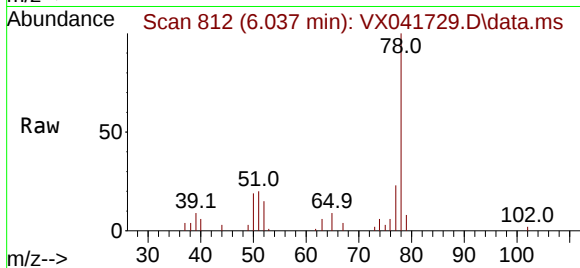




#40
Benzene
Concen: 2.433 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

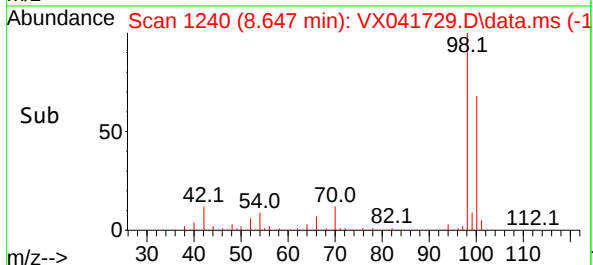
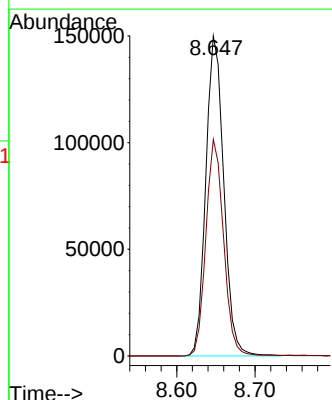
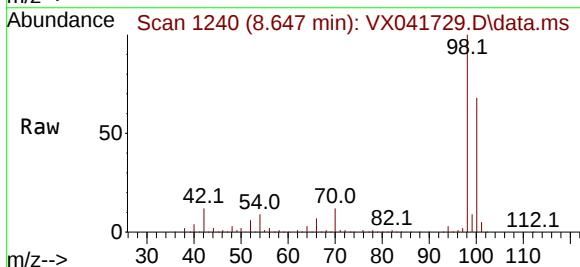
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

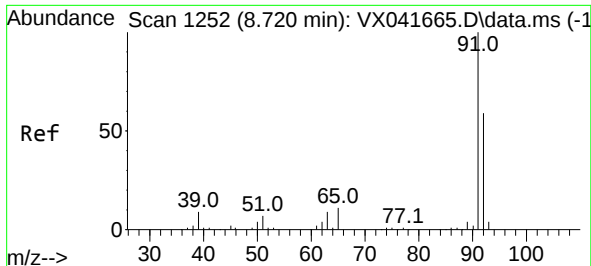
Tgt Ion: 78 Resp: 13148
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9



#50
Toluene-d8
Concen: 47.798 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion: 98 Resp: 238423
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

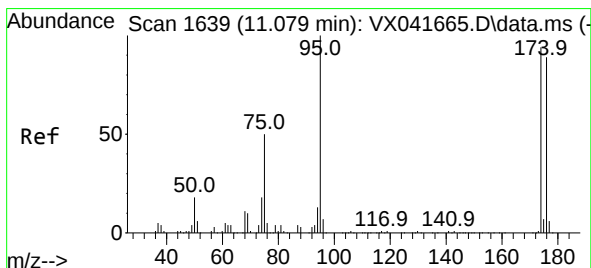
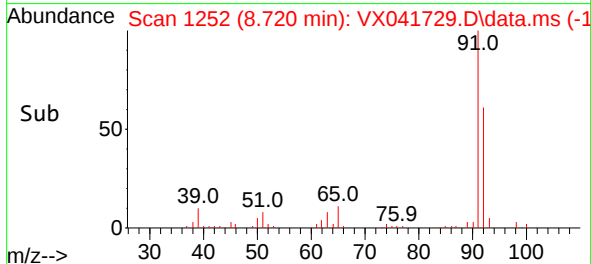
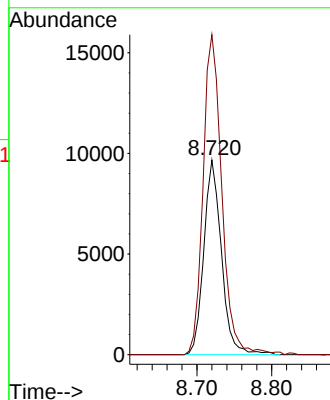
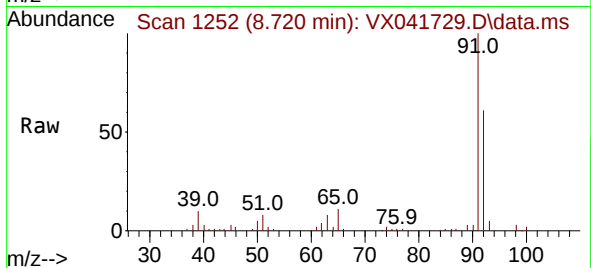




#52
Toluene
Concen: 4.643 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

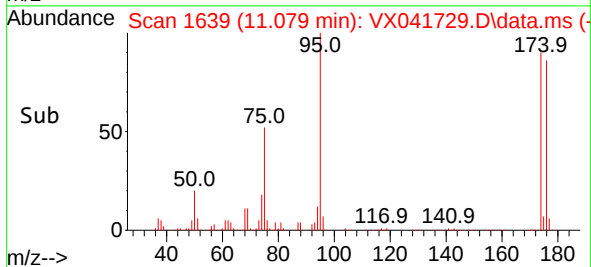
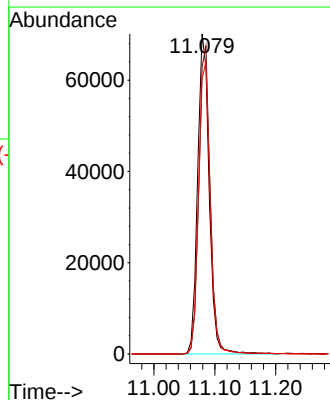
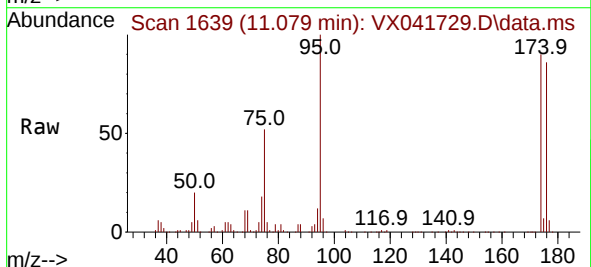
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

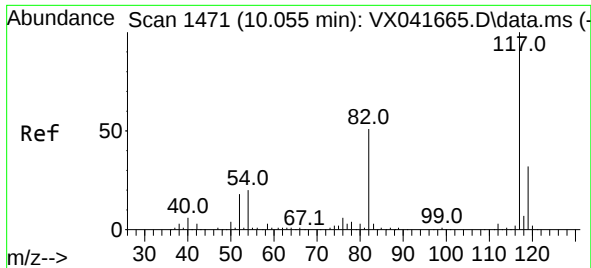
Tgt Ion: 92 Resp: 15922
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion: 95 Resp: 92125
Ion Ratio Lower Upper
95 100
174 95.2 0.0 135.6
176 92.1 0.0 131.0

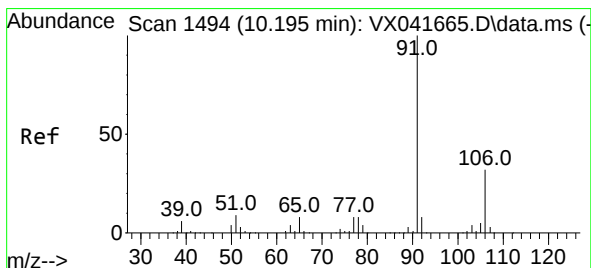
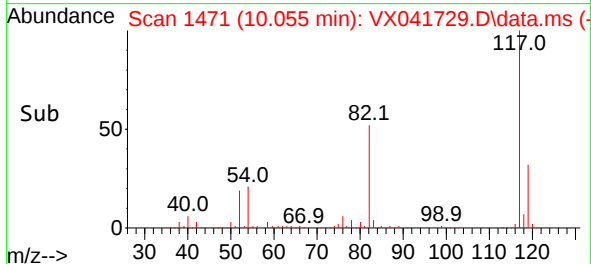
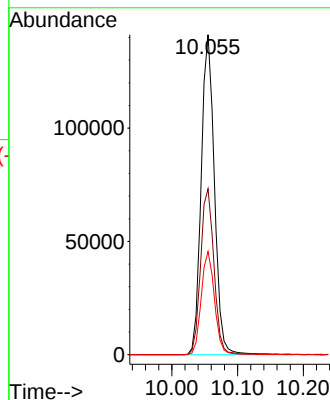
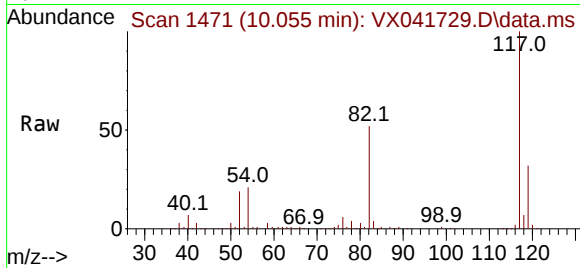




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

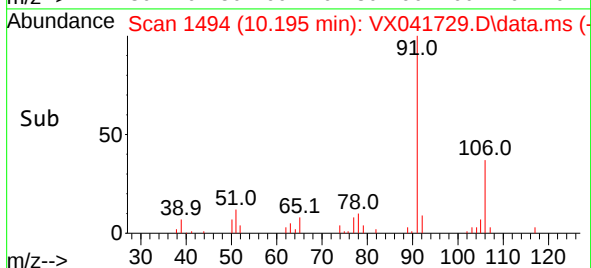
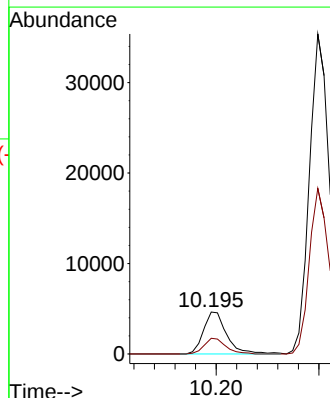
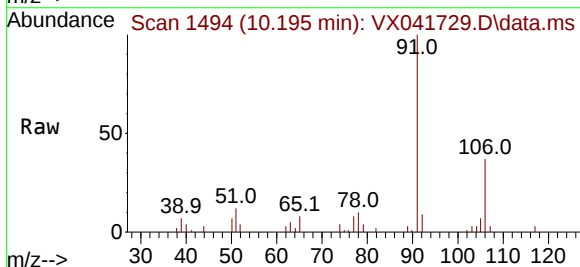
Instrument :
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ClientSampleId :
4-AB-VOC

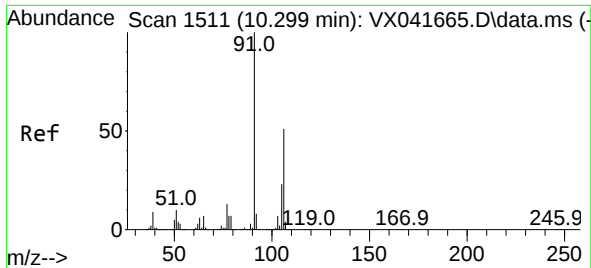
Tgt Ion:117 Resp: 197860
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 1.080 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion: 91 Resp: 7310
Ion Ratio Lower Upper
91 100
106 37.4 24.9 37.3#

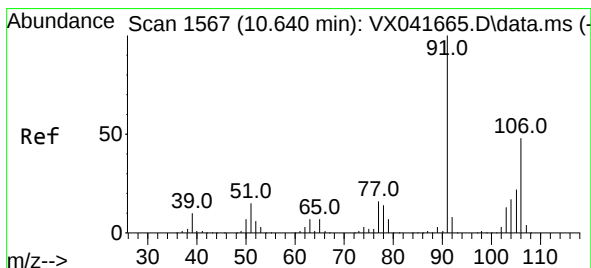
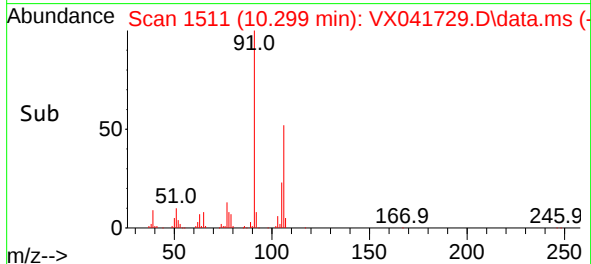
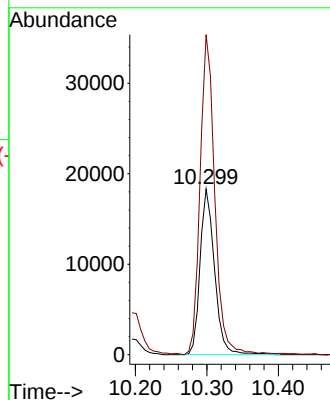
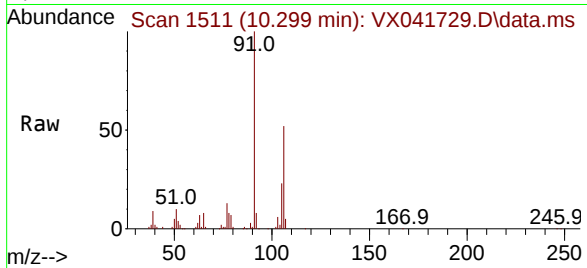




#68
m/p-Xylenes
Concen: 9.553 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

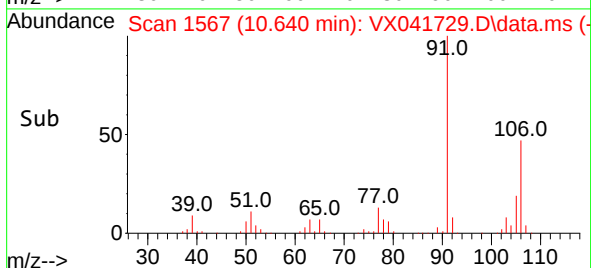
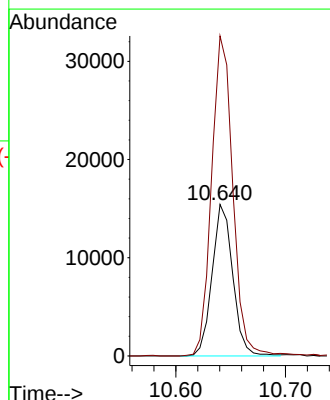
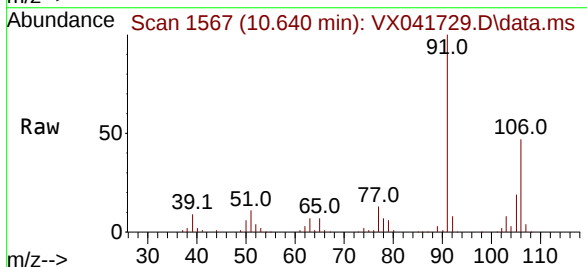
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

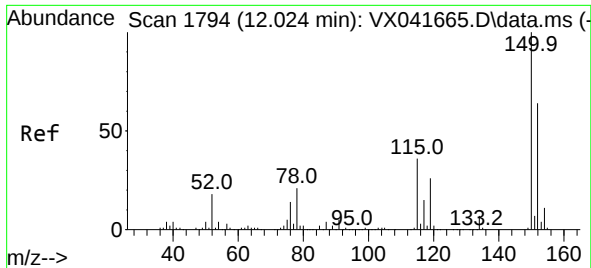
Tgt Ion:106 Resp: 25719
Ion Ratio Lower Upper
106 100
91 197.2 165.5 248.3



#69
o-Xylene
Concen: 7.552 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion:106 Resp: 20225
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.8

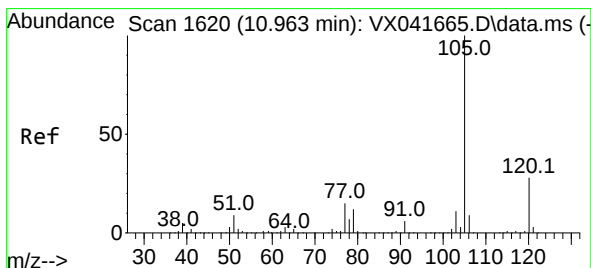
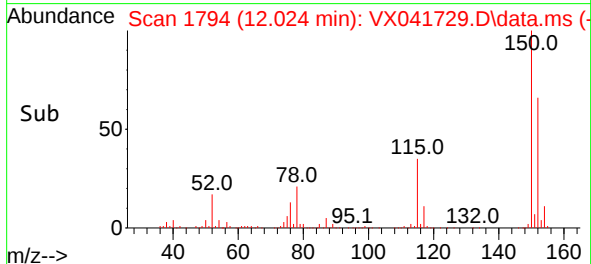
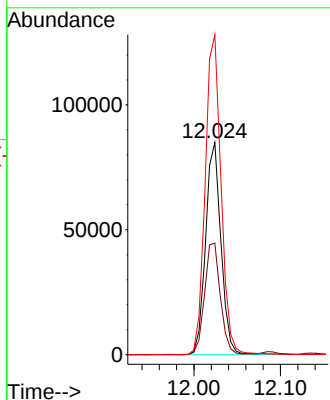
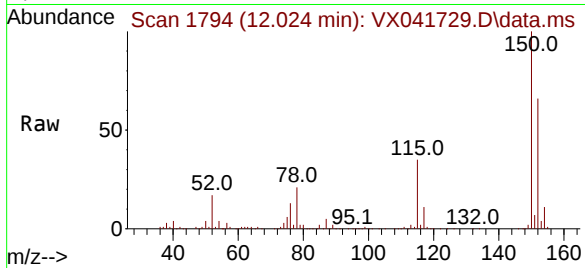




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

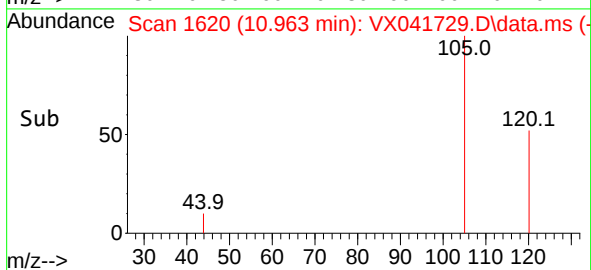
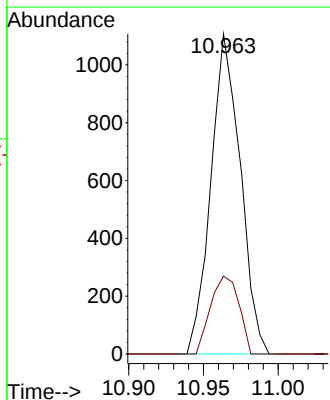
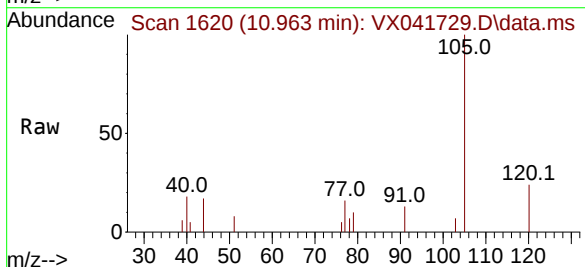
Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

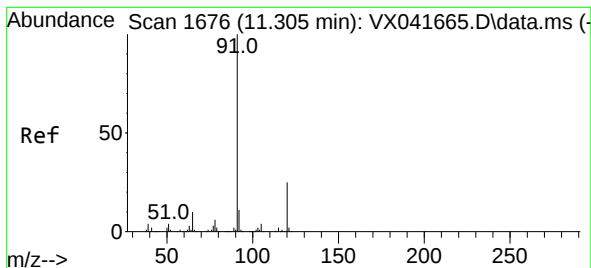
Tgt Ion:152 Resp: 104651
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 156.0 0.0 345.0



#73
Isopropylbenzene
Concen: 0.234 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion:105 Resp: 1516
Ion Ratio Lower Upper
105 100
120 23.4 12.9 38.6





#78

n-propylbenzene

Concen: 0.439 ug/l

RT: 11.311 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX041729.D

Acq: 04 Jun 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

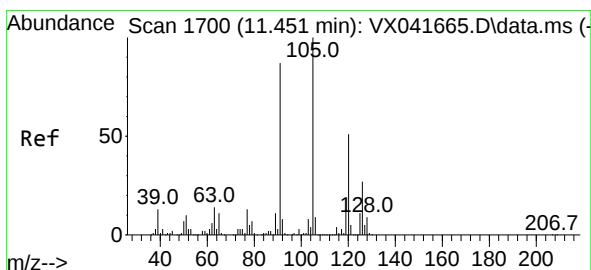
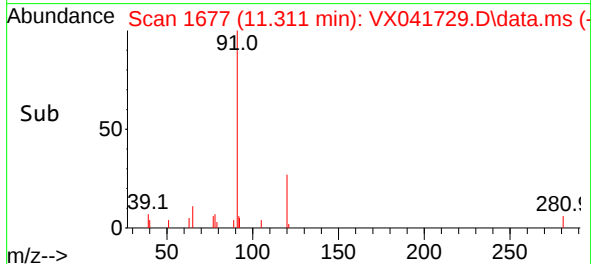
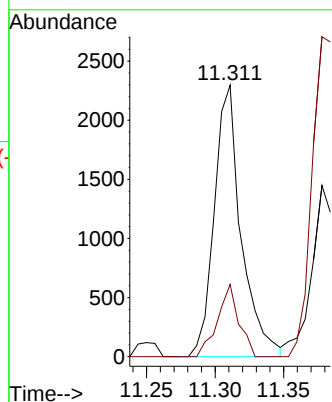
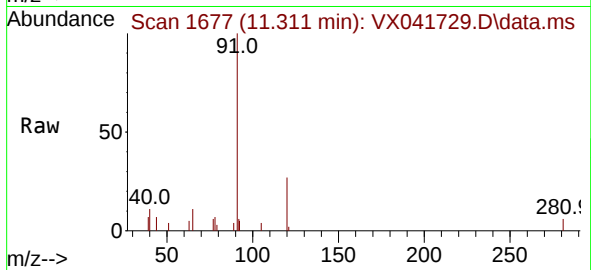
4-AB-VOC

Tgt Ion: 91 Resp: 3130

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 5.758 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041729.D

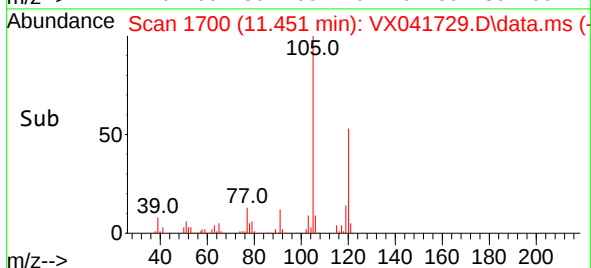
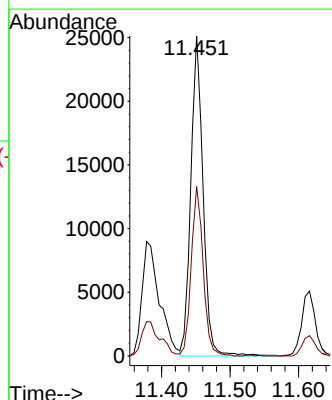
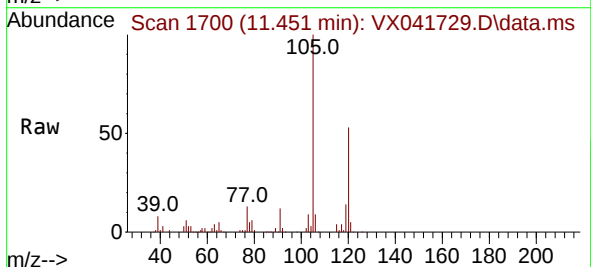
Acq: 04 Jun 2024 12:45

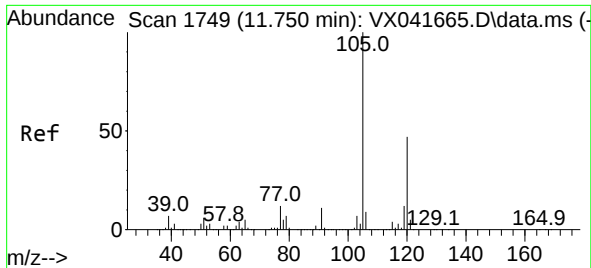
Tgt Ion: 105 Resp: 31209

Ion Ratio Lower Upper

105 100

120 51.6 24.1 72.3

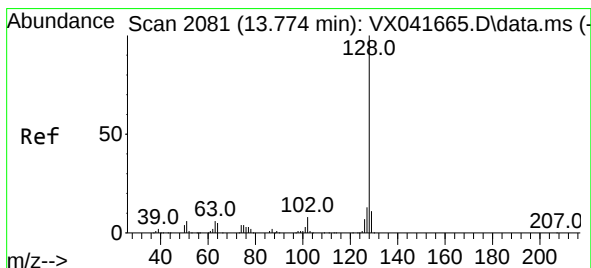
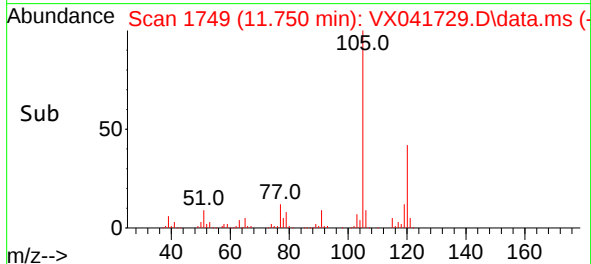
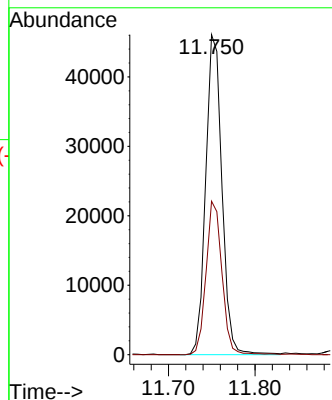
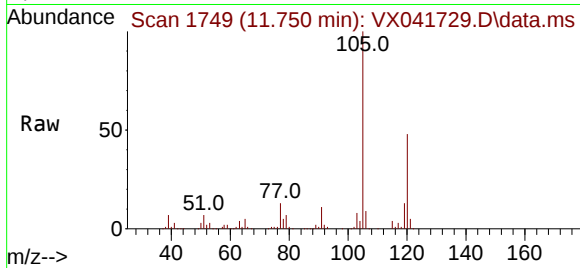




#84
1,2,4-Trimethylbenzene
Concen: 10.927 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :
4-AB-VOC

Tgt Ion:105 Resp: 60003
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6



#95
Naphthalene
Concen: 445.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041729.D
Acq: 04 Jun 2024 12:45

Tgt Ion:128 Resp: 3019619
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.8 8.8 13.2

