

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039464.D
 Acq On : 26 Dec 2023 13:57
 Operator : JC/MD
 Sample : 05993-02ME 10X
 Misc : 5.01g/10mL/100uL/5.0mL/MSVOA_X/MEOH/C
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E8965C-S-002ME

Quant Time: Dec 26 15:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

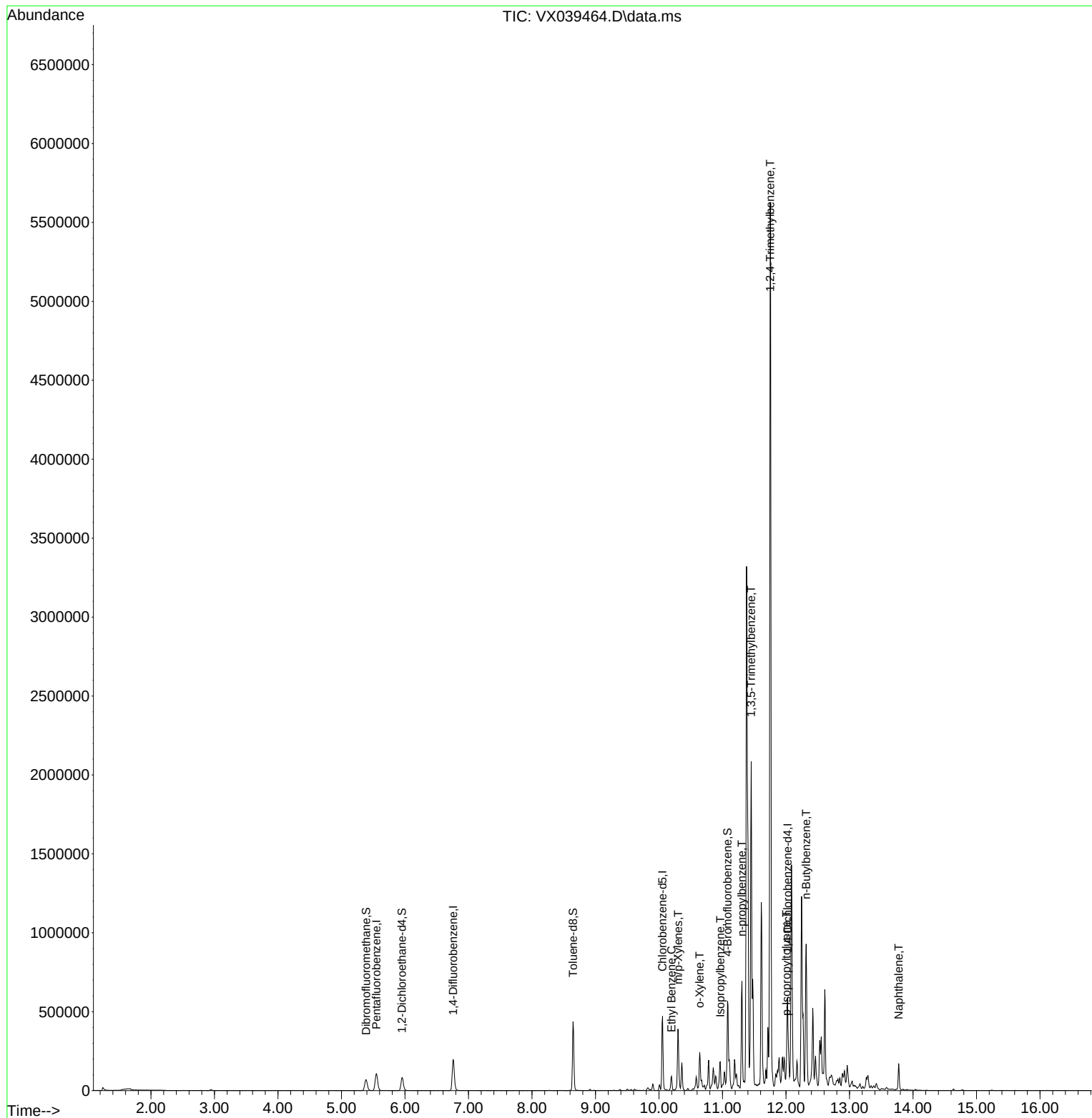
Internal Standards						
1) Pentafluorobenzene	5.550	168	92680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80519	47.425	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.840%
35) Dibromofluoromethane	5.385	113	61829	46.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	247443	49.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	109595	53.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.100%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	48635	6.126	ug/l	98
68) m/p-Xylenes	10.299	106	79960	28.088	ug/l	95
69) o-Xylene	10.640	106	45719	16.610	ug/l	91
73) Isopropylbenzene	10.964	105	84424	11.360	ug/l	100
78) n-propylbenzene	11.305	91	412891	45.094	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	823629	130.098	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	2397995	369.362	ug/l	98
86) p-Isopropyltoluene	12.006	119	25340m	3.938	ug/l	
89) n-Butylbenzene	12.317	91	115758	18.301	ug/l #	24
95) Naphthalene	13.774	128	94817	13.460	ug/l	100

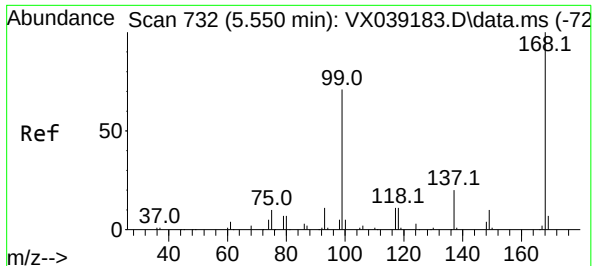
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
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Quant Title : SW846 8260
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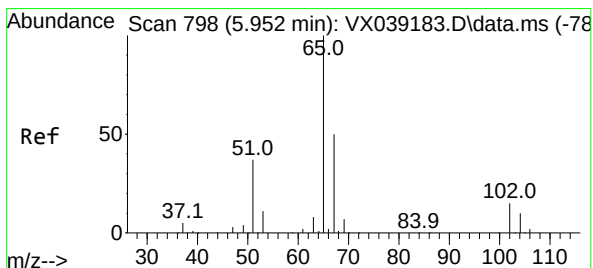
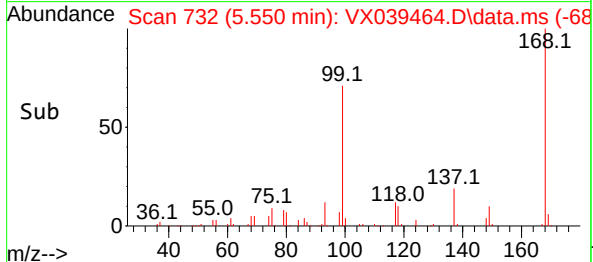
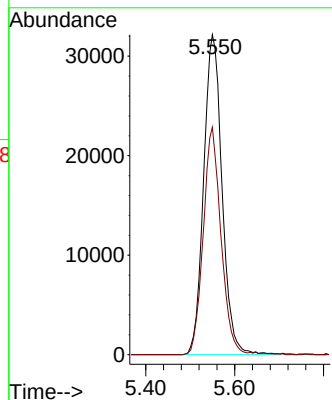
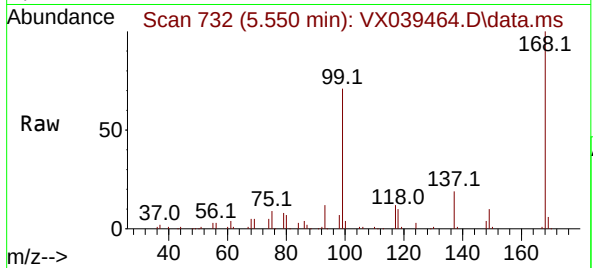




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

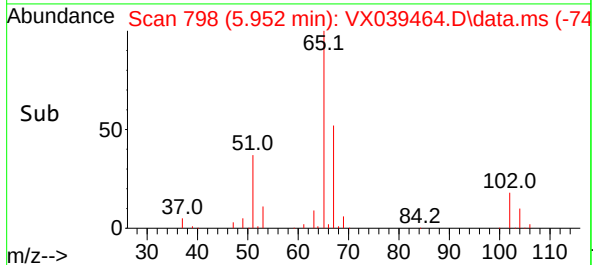
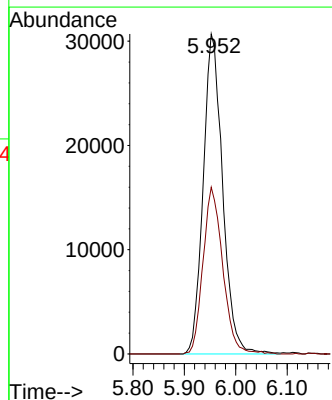
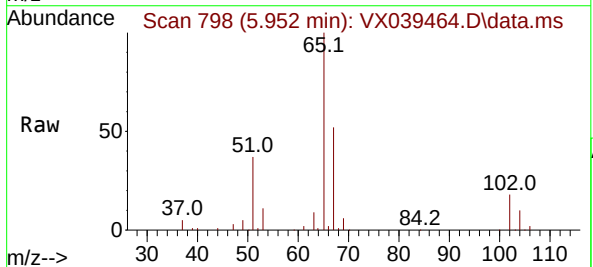
Instrument :
MSVOA_X
ClientSampleId :
E8965C-S-002ME

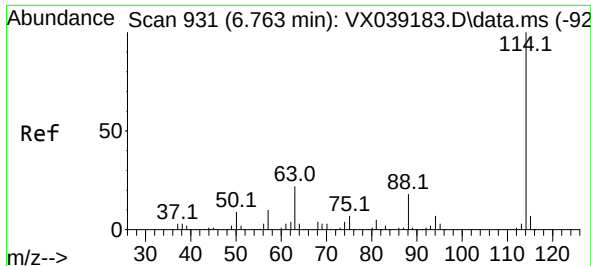
Tgt Ion:168 Resp: 92680
Ion Ratio Lower Upper
168 100
99 71.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.425 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion: 65 Resp: 80519
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

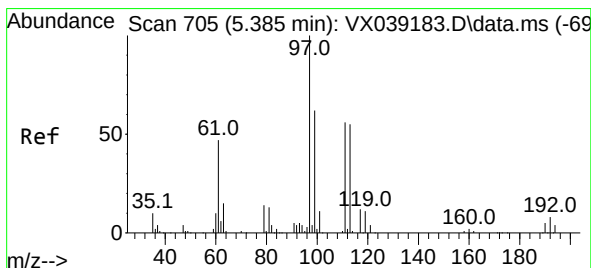
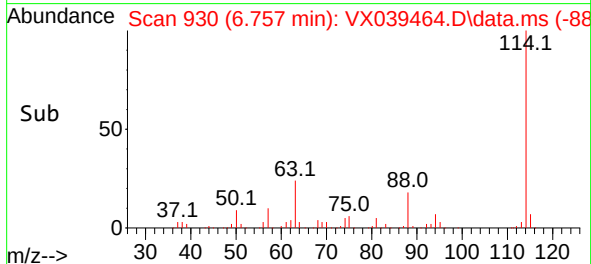
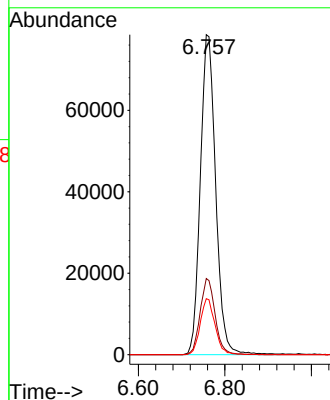
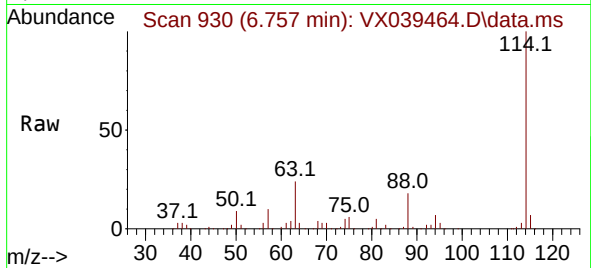




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

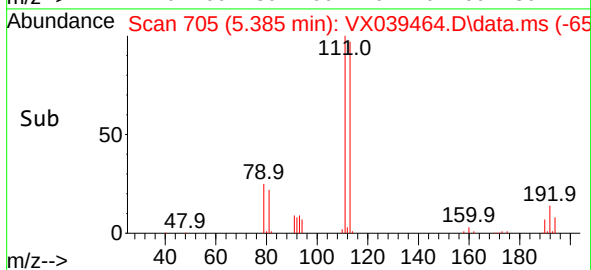
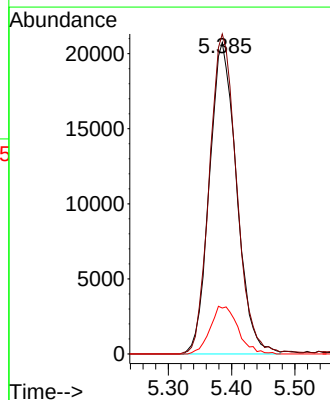
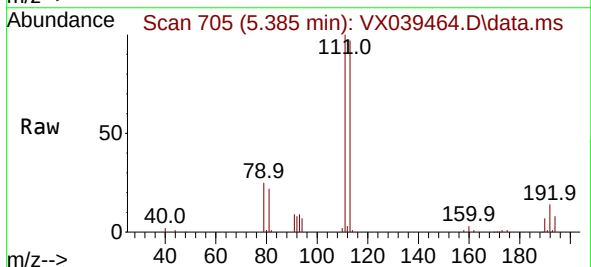
Instrument :
MSVOA_X
ClientSampleId :
E8965C-S-002ME

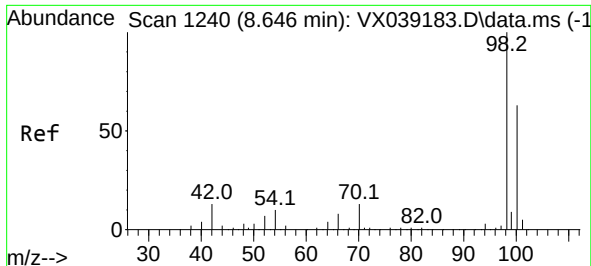
Tgt Ion:114 Resp: 193392
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion:113 Resp: 61829
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.7 13.3 19.9

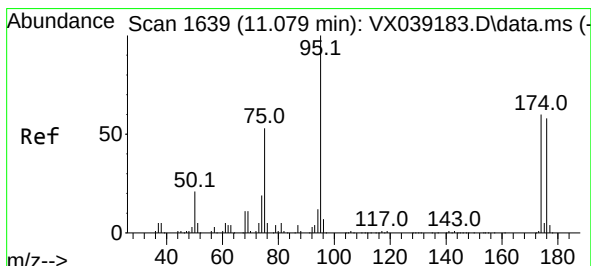
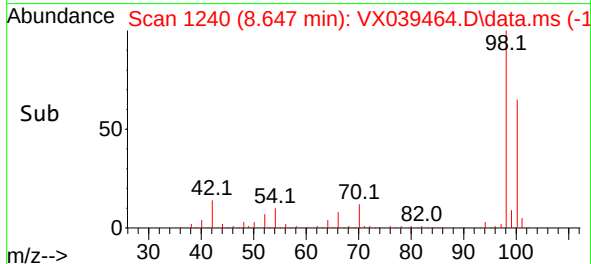
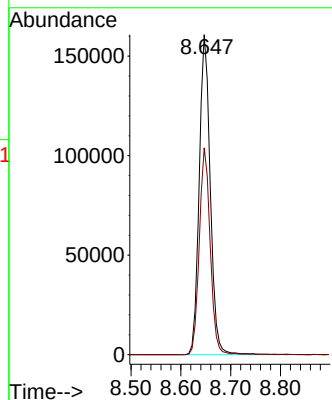
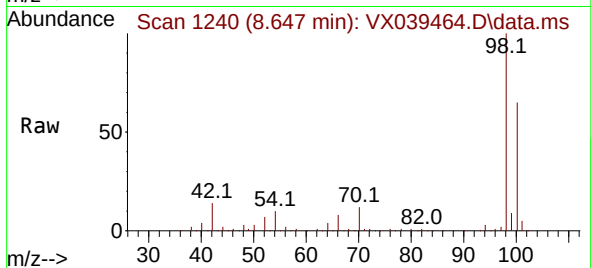




#50
Toluene-d8
Concen: 49.887 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

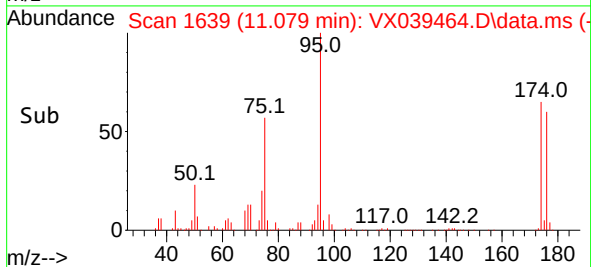
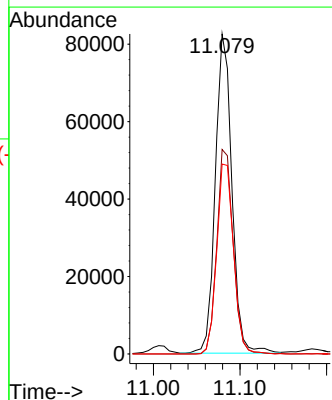
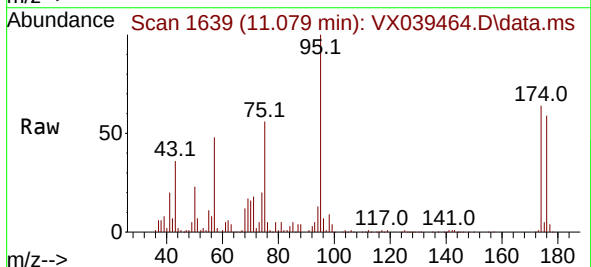
Instrument :
MSVOA_X
ClientSampleId :
E8965C-S-002ME

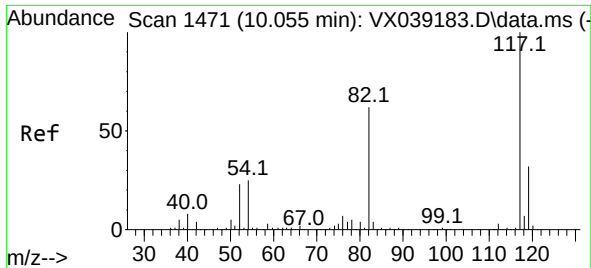
Tgt Ion: 98 Resp: 247443
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion: 95 Resp: 109595
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 60.8 0.0 131.0

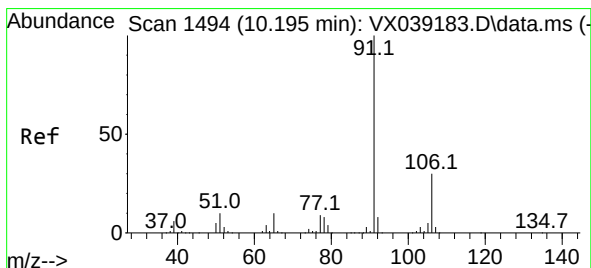
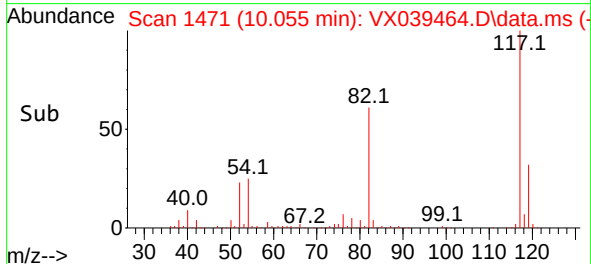
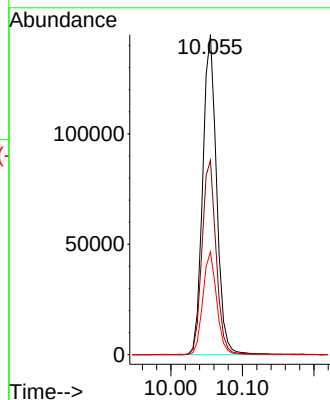
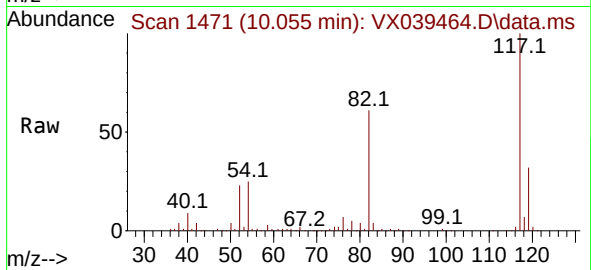




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

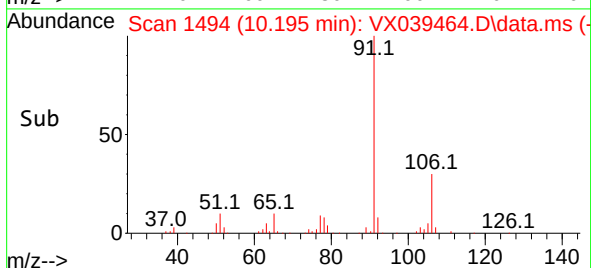
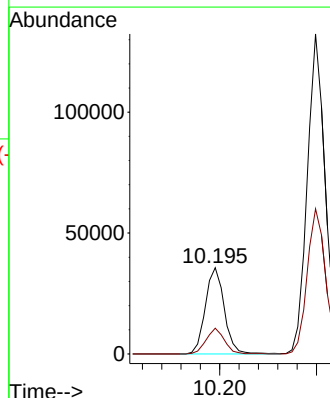
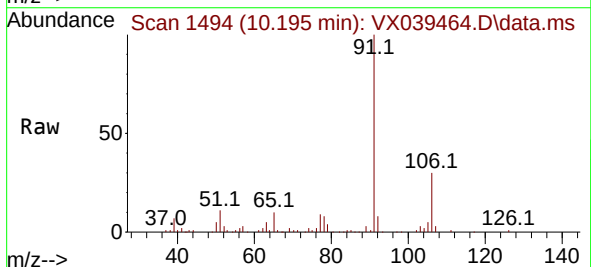
Instrument :
MSVOA_X
ClientSampleId :
E8965C-S-002ME

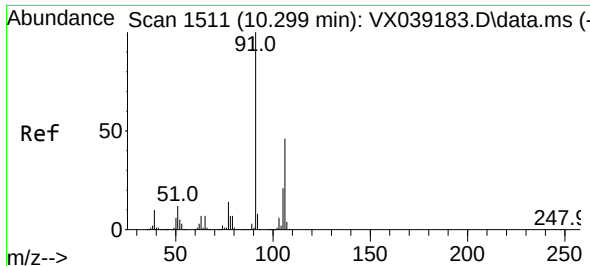
Tgt Ion:117 Resp: 195417
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 6.126 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion: 91 Resp: 48635
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

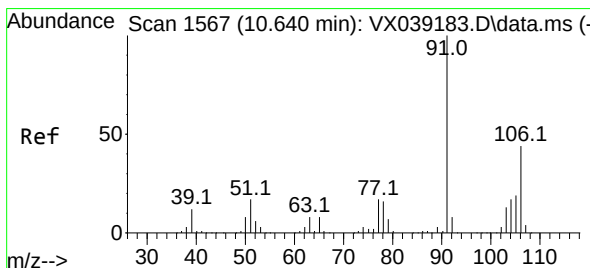
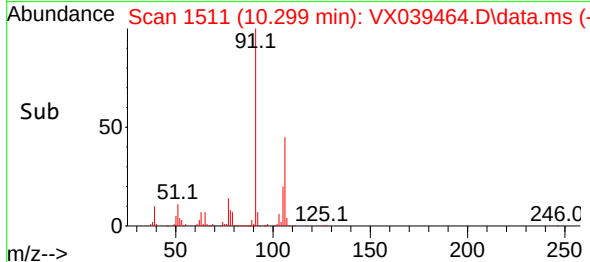
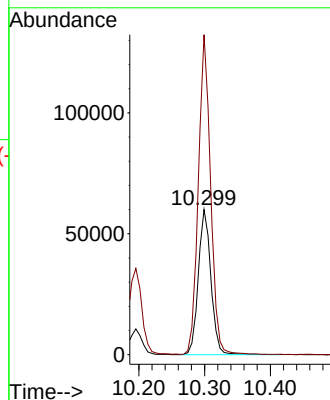
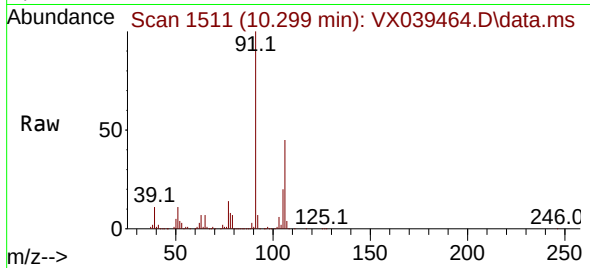




#68
m/p-Xylenes
Concen: 28.088 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

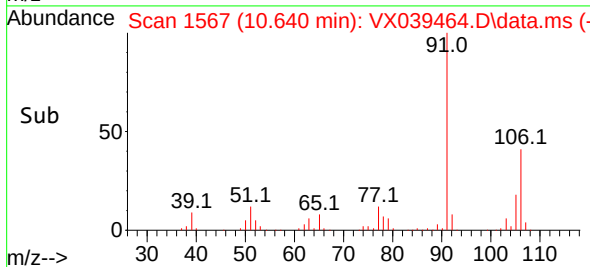
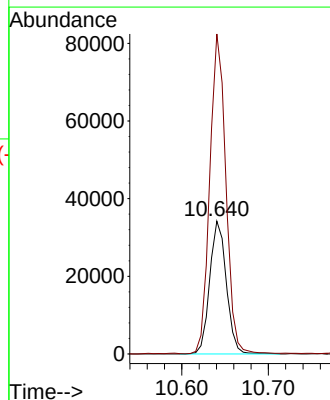
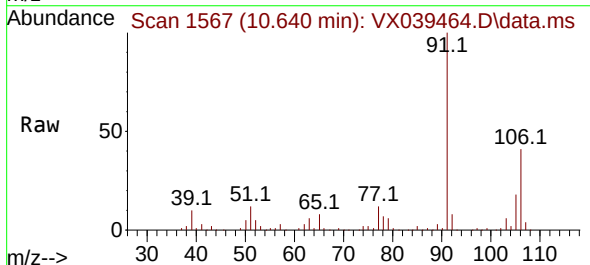
Instrument :
MSVOA_X
ClientSampleId :
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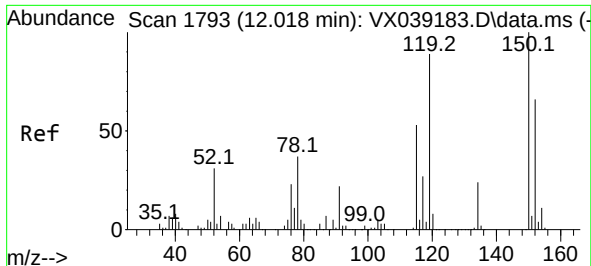
Tgt Ion:106 Resp: 79960
Ion Ratio Lower Upper
106 100
91 214.4 165.5 248.3



#69
o-Xylene
Concen: 16.610 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion:106 Resp: 45719
Ion Ratio Lower Upper
106 100
91 232.9 108.9 326.8

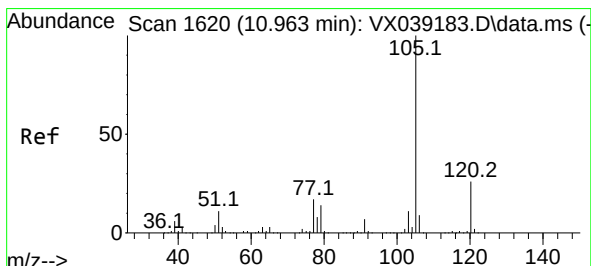
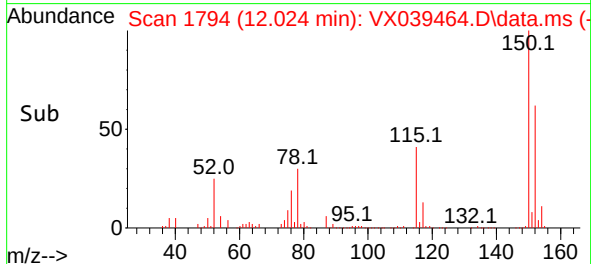
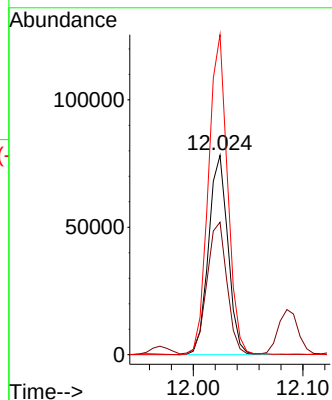
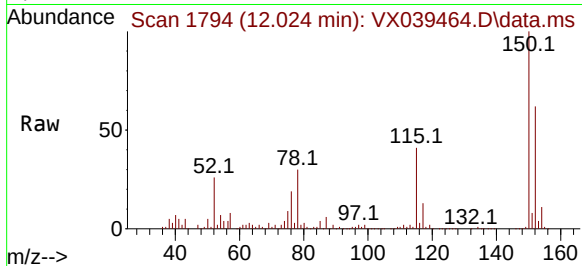




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: VX039464.D
 Acq: 26 Dec 2023 13:57

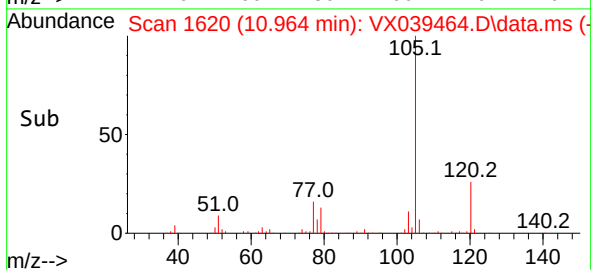
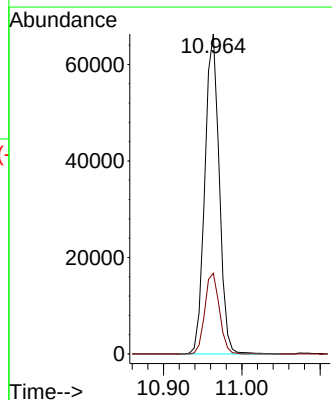
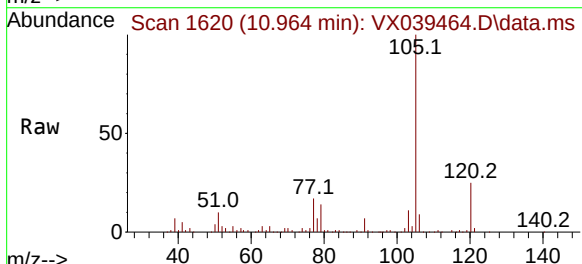
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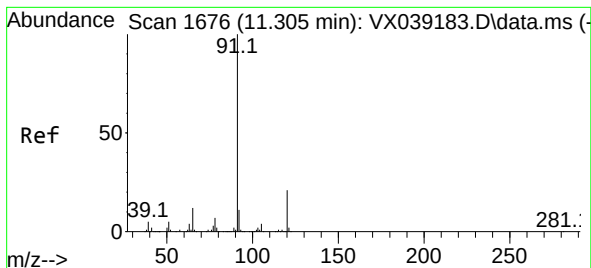
Tgt Ion:152 Resp: 96320
 Ion Ratio Lower Upper
 152 100
 115 68.5 43.3 129.9
 150 158.0 0.0 345.0



#73
 Isopropylbenzene
 Concen: 11.360 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX039464.D
 Acq: 26 Dec 2023 13:57

Tgt Ion:105 Resp: 84424
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.9 38.6





#78

n-propylbenzene

Concen: 45.094 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039464.D

Acq: 26 Dec 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

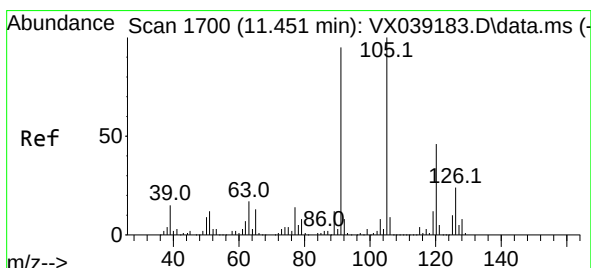
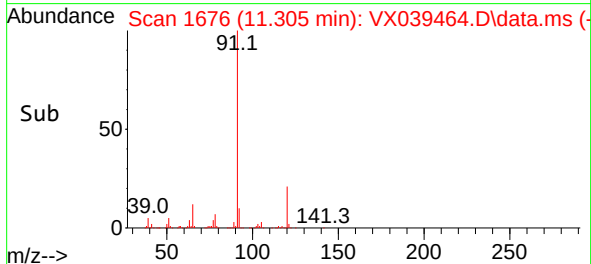
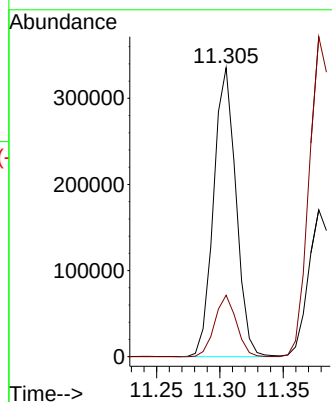
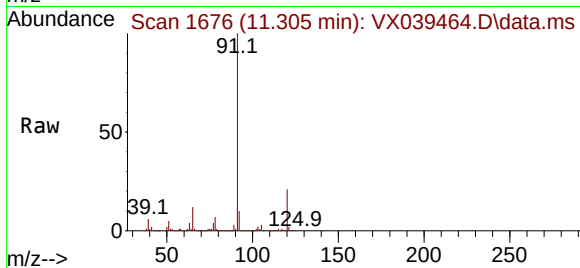
E8965C-S-002ME

Tgt Ion: 91 Resp: 412891

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 130.098 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039464.D

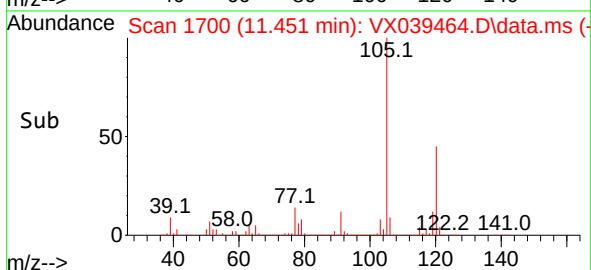
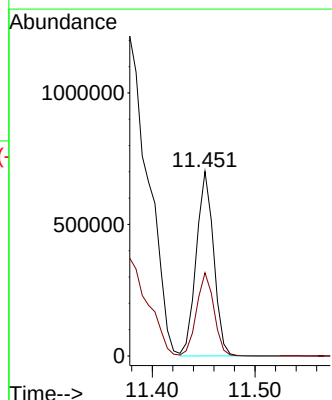
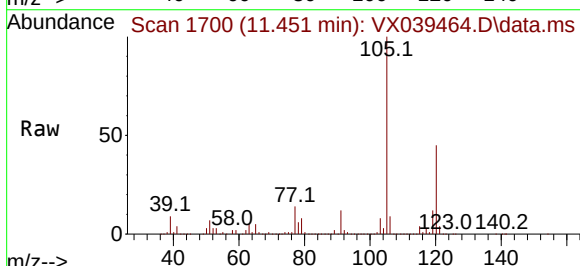
Acq: 26 Dec 2023 13:57

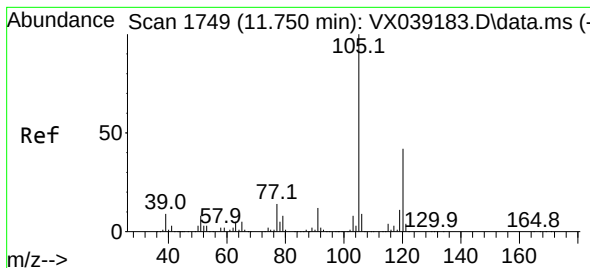
Tgt Ion:105 Resp: 823629

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 369.362 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039464.D

Acq: 26 Dec 2023 13:57

Instrument :

MSVOA_X

ClientSampleId :

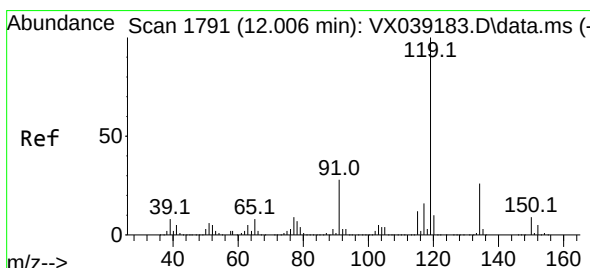
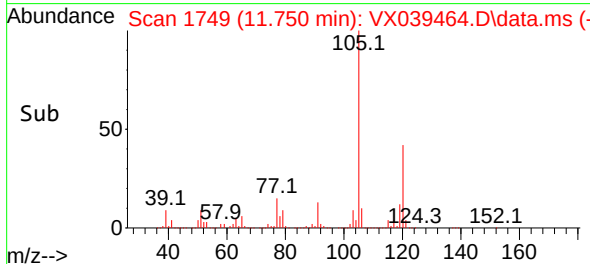
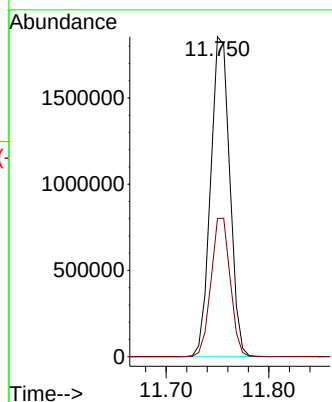
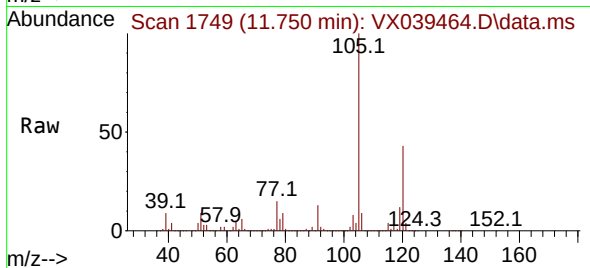
E8965C-S-002ME

Tgt Ion:105 Resp: 2397995

Ion Ratio Lower Upper

105 100

120 43.4 21.2 63.6



#86

p-Isopropyltoluene

Concen: 3.938 ug/l m

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039464.D

Acq: 26 Dec 2023 13:57

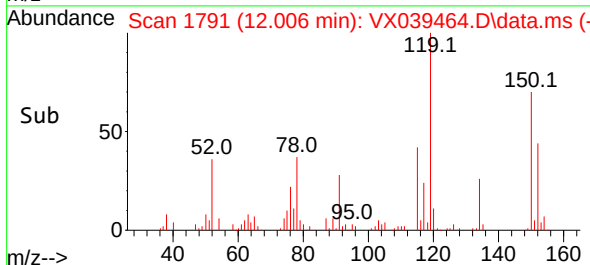
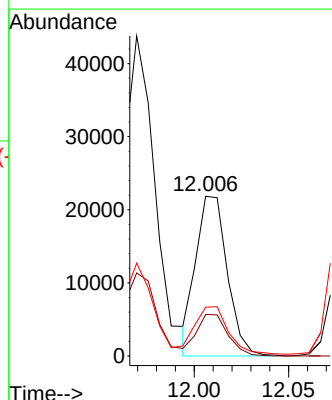
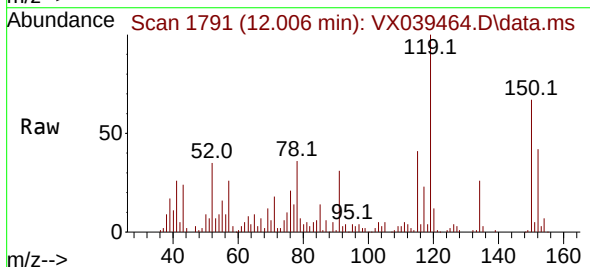
Tgt Ion:119 Resp: 25340

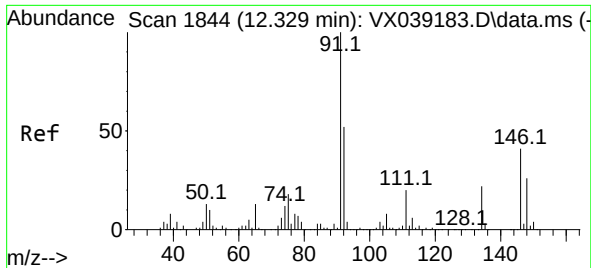
Ion Ratio Lower Upper

119 100

134 56.0 12.8 38.3#

91 55.7 13.1 39.3#

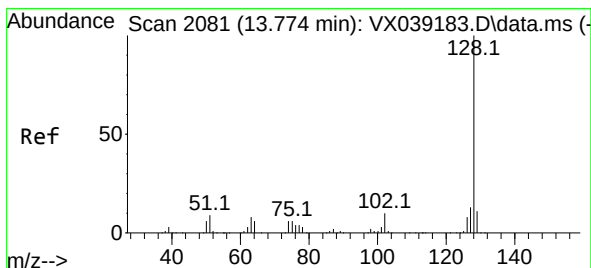
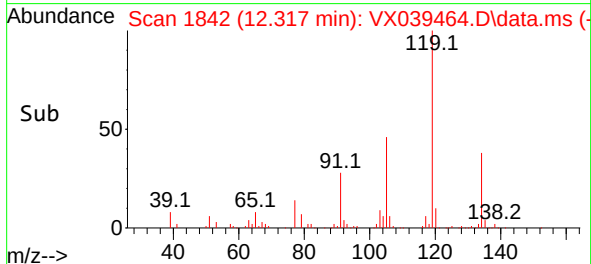
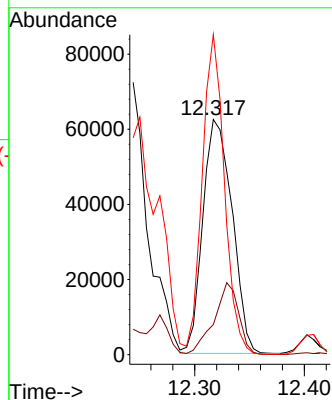
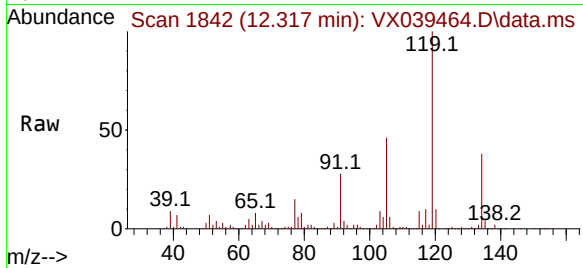




#89
n-Butylbenzene
Concen: 18.301 ug/l
RT: 12.317 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Instrument :
MSVOA_X
ClientSampleId :
E8965C-S-002ME

Tgt Ion: 91 Resp: 115758
Ion Ratio Lower Upper
91 100
92 25.8 27.4 82.0#
134 103.0 12.6 37.8#



#95
Naphthalene
Concen: 13.460 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039464.D
Acq: 26 Dec 2023 13:57

Tgt Ion:128 Resp: 94817
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

