

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039538.D
 Acq On : 29 Dec 2023 12:27
 Operator : JC/MD
 Sample : 06017-05
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5-A

Quant Time: Dec 30 01:57:45 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)

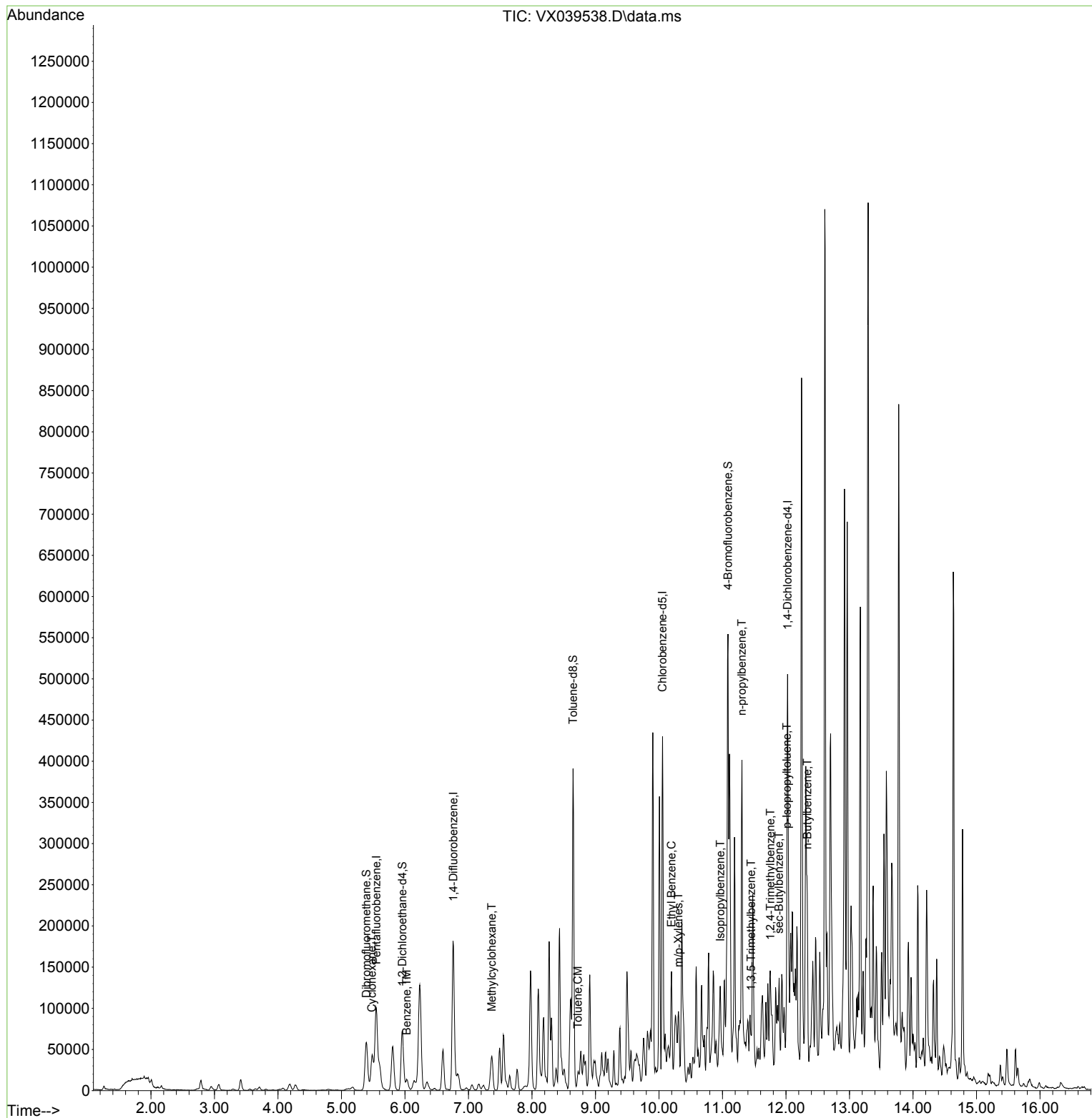
Internal Standards						
1) Pentafluorobenzene	5.550	168	88857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74855	45.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.391	113	54839	43.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.340%
50) Toluene-d8	8.647	98	227065	48.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.086	95	95204	49.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	11136	5.297	ug/l #	45
39) Methylcyclohexane	7.367	83	16323	6.858	ug/l	90
40) Benzene	6.025	78	15109	2.696	ug/l	92
52) Toluene	8.720	92	5777	1.708	ug/l	87
67) Ethyl Benzene	10.195	91	36349	5.011	ug/l	99
68) m/p-Xylenes	10.305	106	11729	4.509	ug/l	96
73) Isopropylbenzene	10.964	105	35373	5.627	ug/l	97
78) n-propylbenzene	11.305	91	215846	27.870	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	9518	1.777	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	15992	2.912	ug/l	97
85) sec-Butylbenzene	11.890	105	29123	4.491	ug/l #	57
86) p-Isopropyltoluene	12.012	119	11853	2.178	ug/l	98
89) n-Butylbenzene	12.335	91	107441	20.082	ug/l #	74

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

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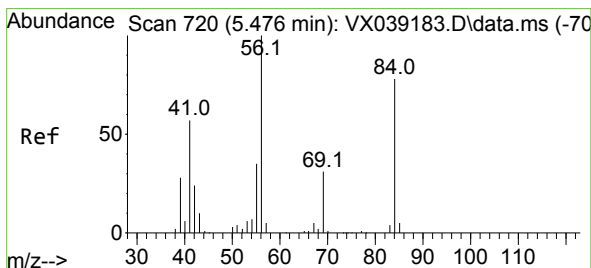
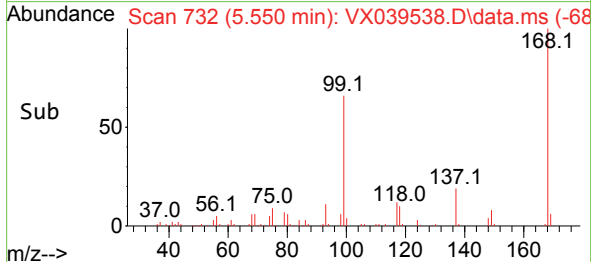
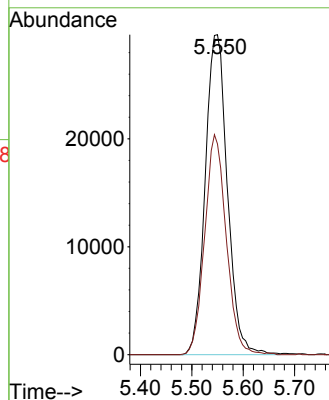
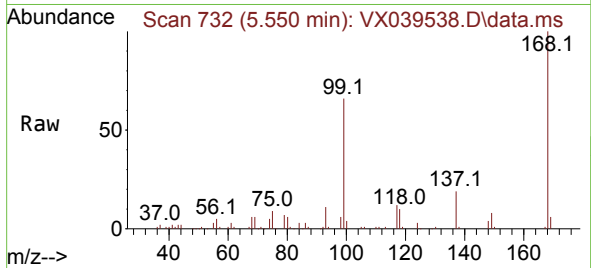




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

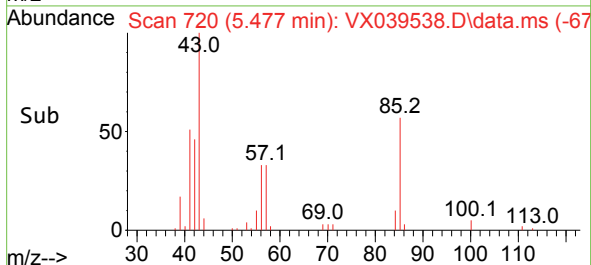
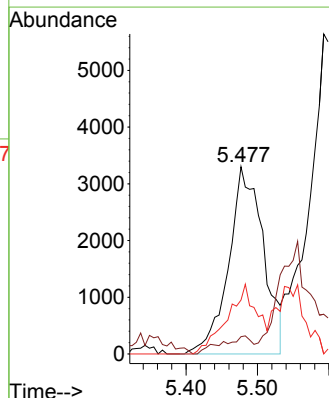
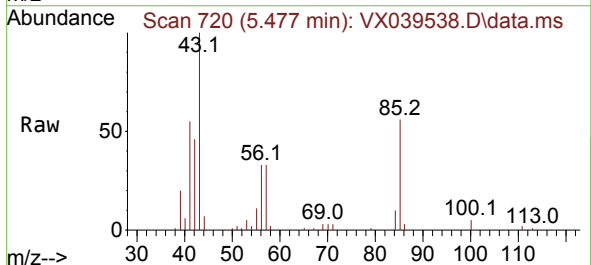
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

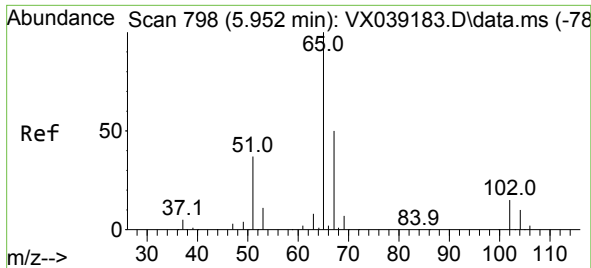
Tgt Ion:168 Resp: 88857
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#31
Cyclohexane
Concen: 5.297 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 56 Resp: 11136
Ion Ratio Lower Upper
56 100
69 6.2 23.4 35.2#
84 28.8 65.9 98.9#

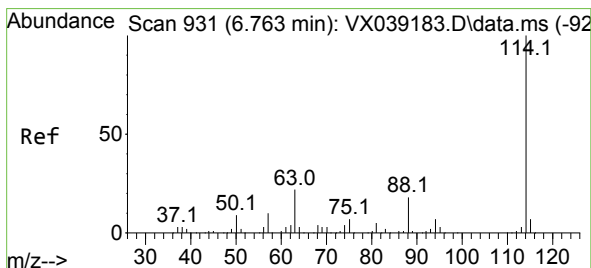
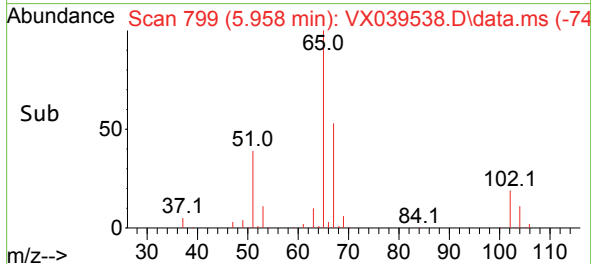
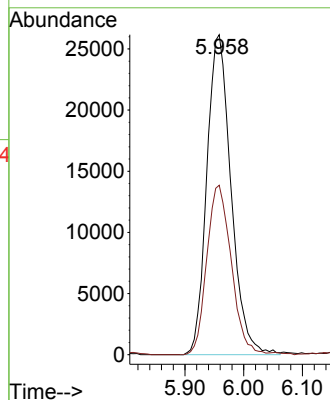
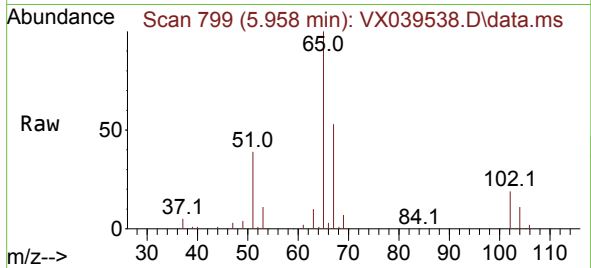




#33
 1,2-Dichloroethane-d4
 Concen: 45.985 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.007 min
 Lab File: VX039538.D
 Acq: 29 Dec 2023 12:27

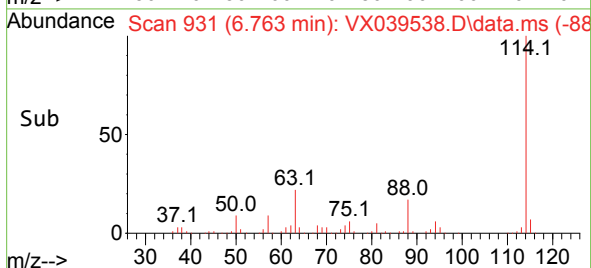
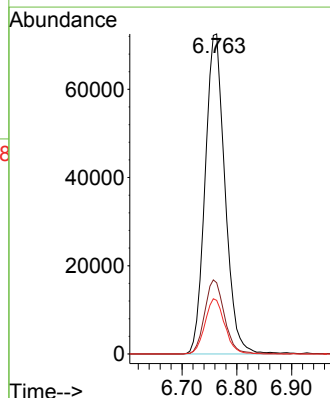
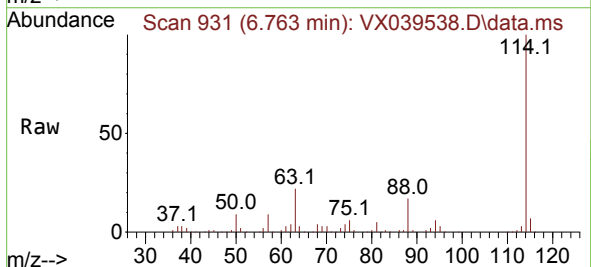
Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5-A

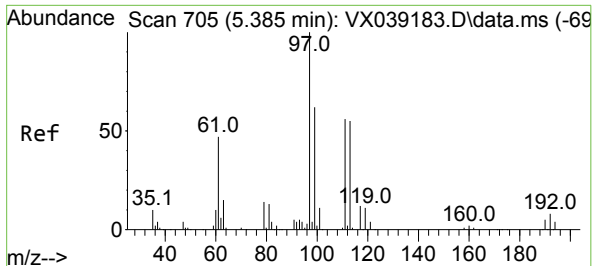
Tgt Ion: 65 Resp: 74855
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039538.D
 Acq: 29 Dec 2023 12:27

Tgt Ion: 114 Resp: 181753
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 16.7 0.0 36.6

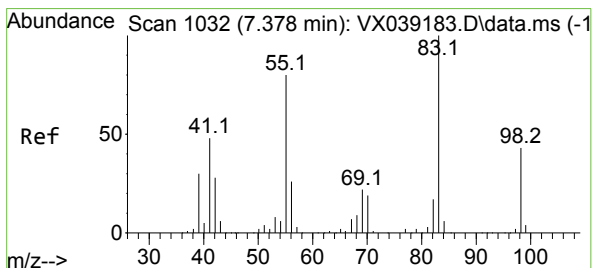
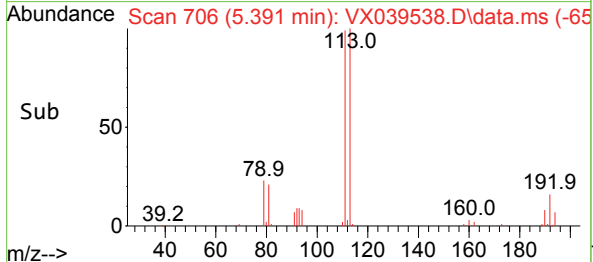
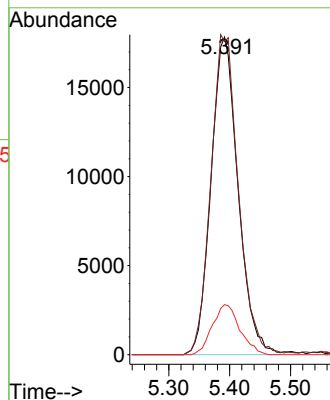
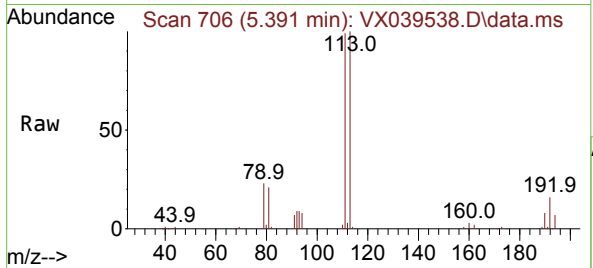




#35
Dibromofluoromethane
Concen: 43.674 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

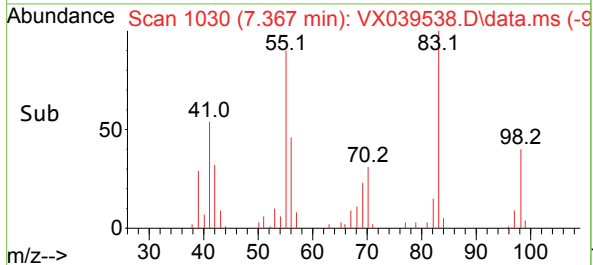
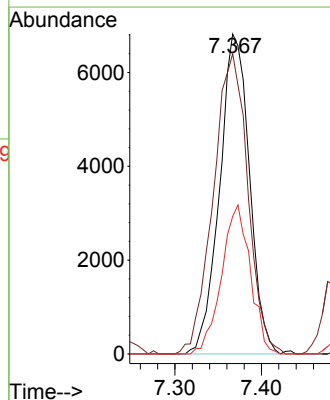
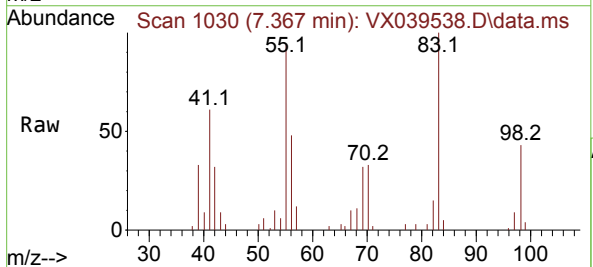
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

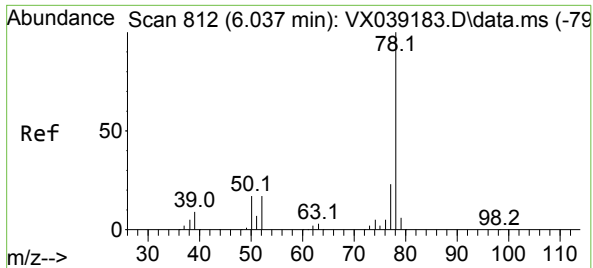
Tgt Ion:113 Resp: 54839
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.1 13.3 19.9



#39
Methylcyclohexane
Concen: 6.858 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 83 Resp: 16323
Ion Ratio Lower Upper
83 100
55 93.0 64.6 97.0
98 43.0 36.7 55.1

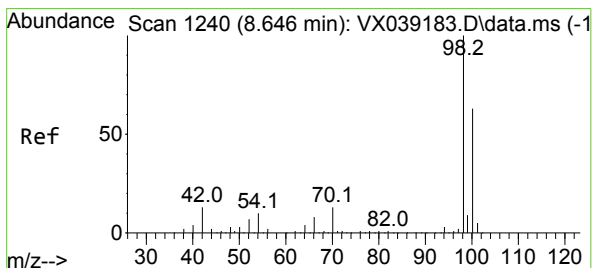
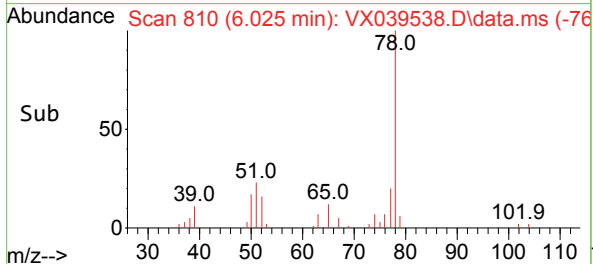
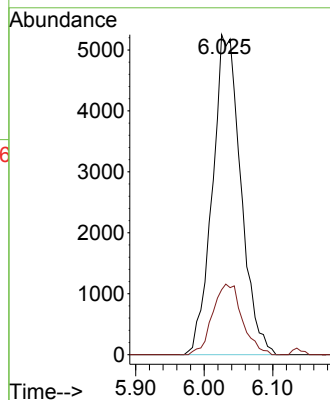
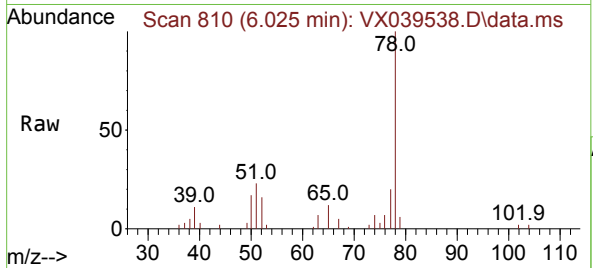




#40
Benzene
Concen: 2.696 ug/l
RT: 6.025 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

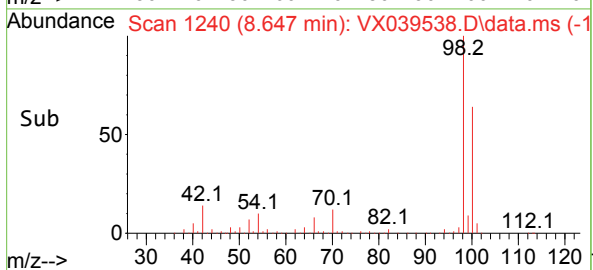
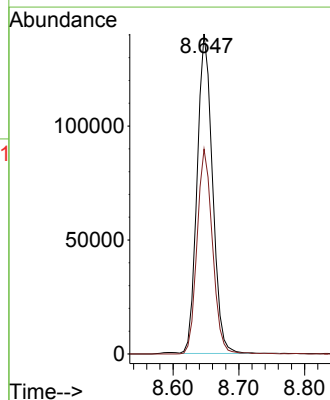
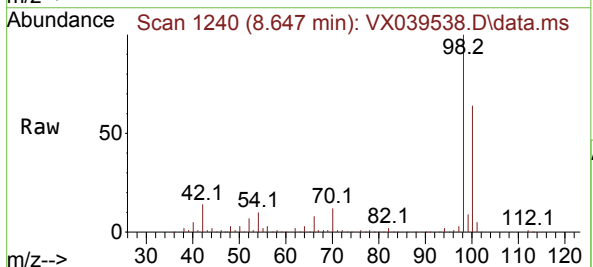
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5-A

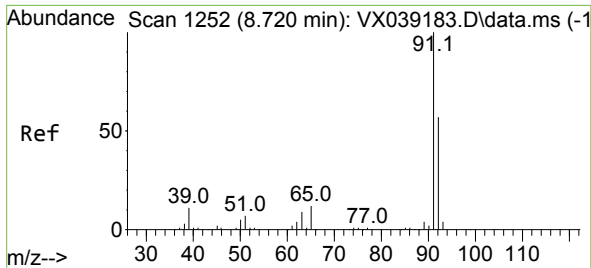
Tgt Ion: 78 Resp: 15109
Ion Ratio Lower Upper
78 100
77 20.3 19.3 28.9



#50
Toluene-d8
Concen: 48.710 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 98 Resp: 227065
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

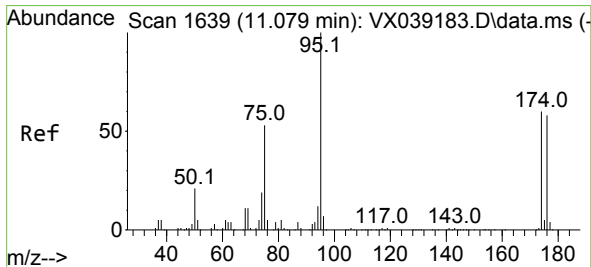
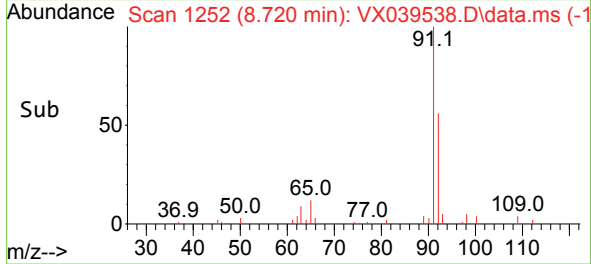
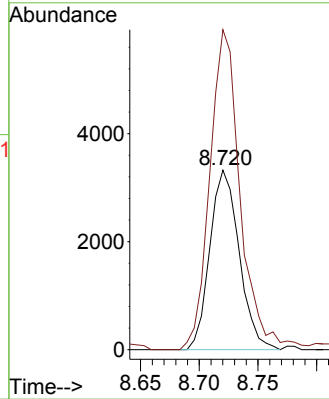
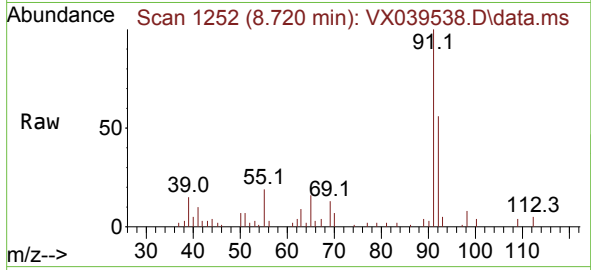




#52
Toluene
Concen: 1.708 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

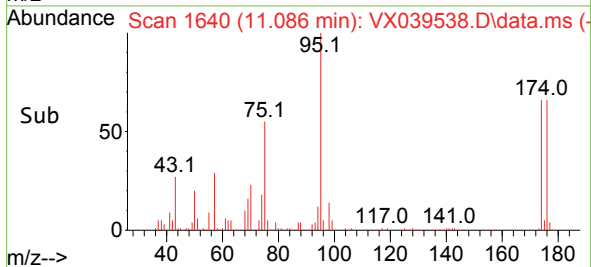
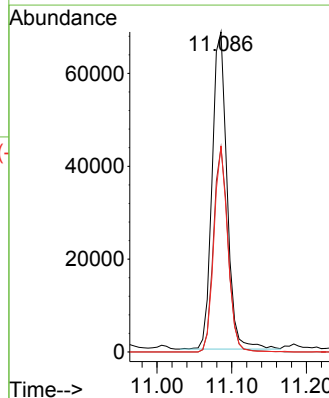
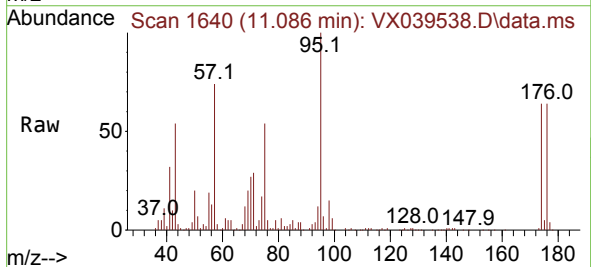
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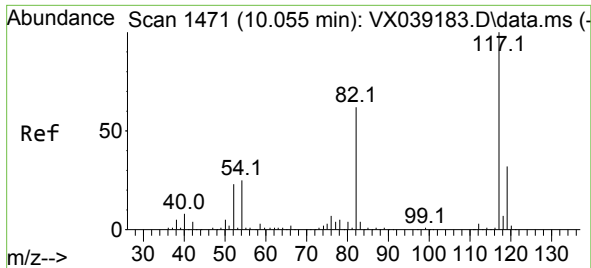
Tgt Ion: 92 Resp: 5777
Ion Ratio Lower Upper
92 100
91 185.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.499 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 95 Resp: 95204
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 60.4 0.0 131.0

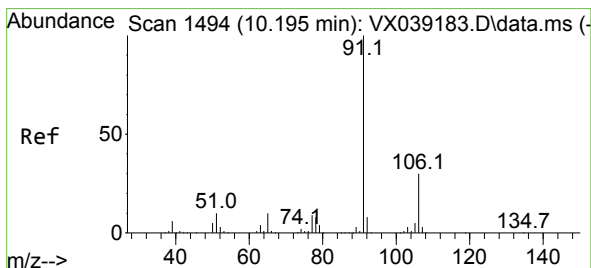
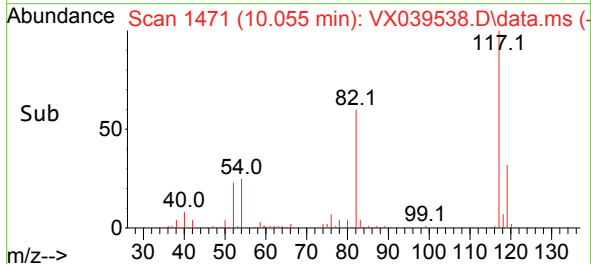
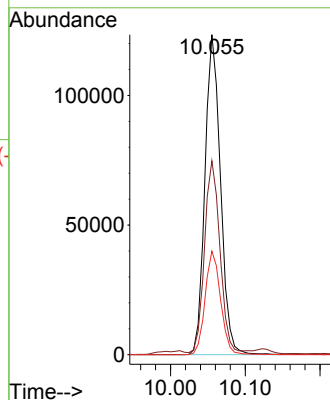
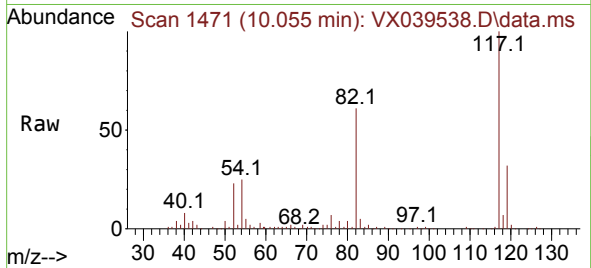




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

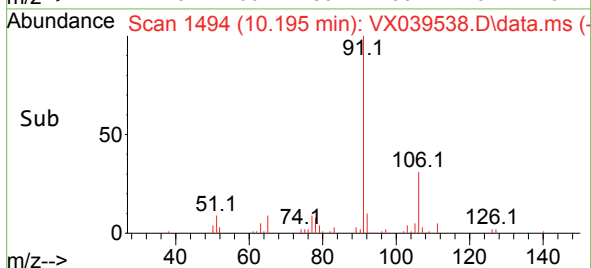
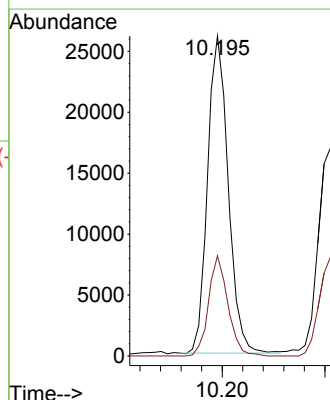
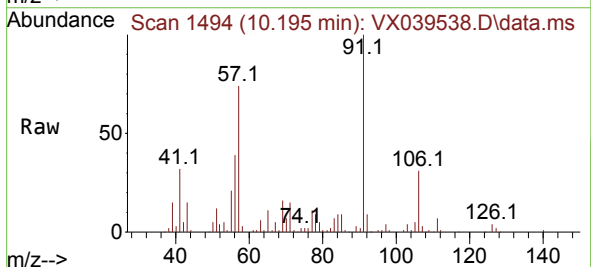
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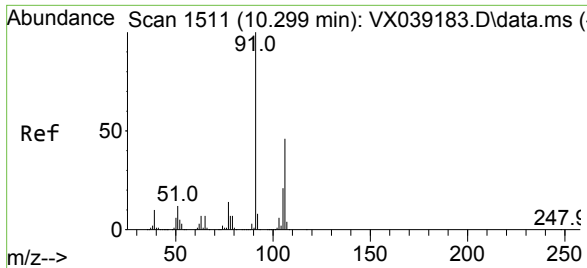
Tgt Ion:117 Resp: 178548
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 5.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion: 91 Resp: 36349
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

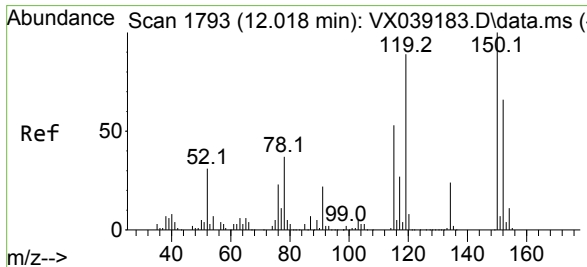
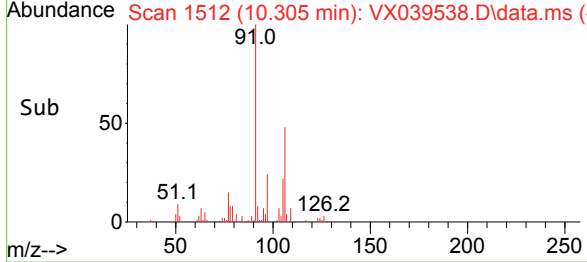
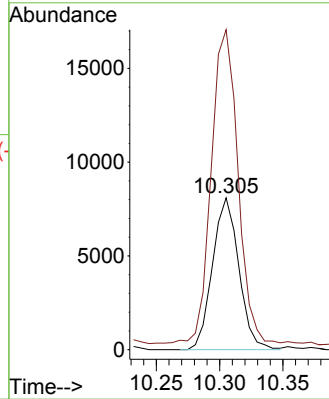
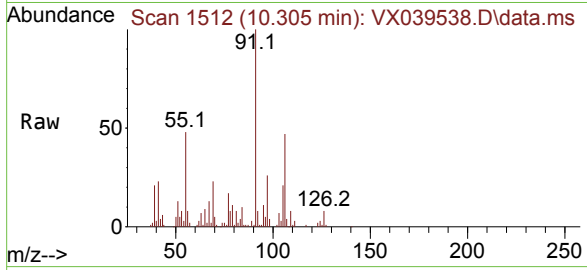




#68
m/p-Xylenes
Concen: 4.509 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

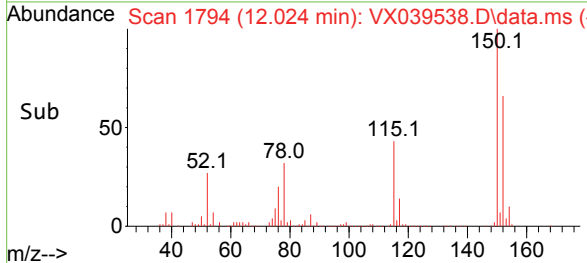
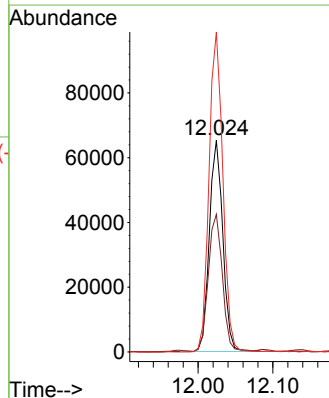
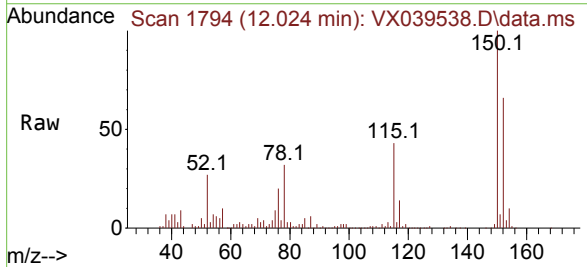
Instrument :
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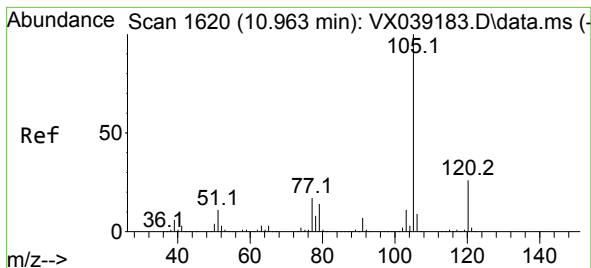
Tgt Ion:106 Resp: 11729
Ion Ratio Lower Upper
106 100
91 212.3 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VX039538.D
Acq: 29 Dec 2023 12:27

Tgt Ion:152 Resp: 81472
Ion Ratio Lower Upper
152 100
115 67.8 43.3 129.9
150 155.1 0.0 345.0





#73

Isopropylbenzene

Concen: 5.627 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

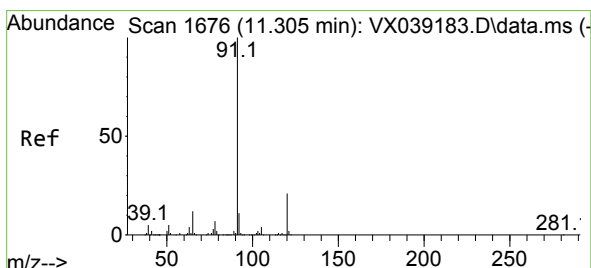
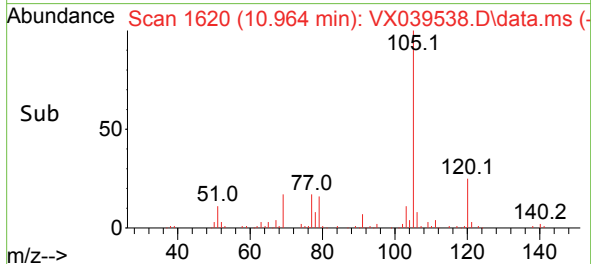
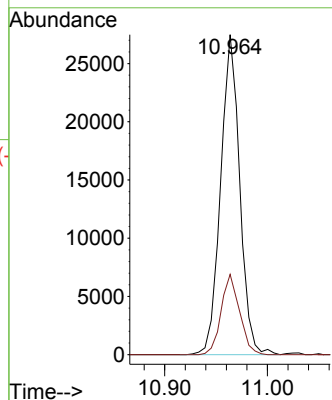
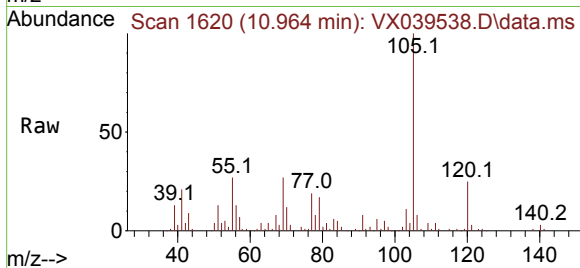
SB32-2-20231222-7.5-8.5-A

Tgt Ion:105 Resp: 35373

Ion Ratio Lower Upper

105 100

120 24.2 12.9 38.6



#78

n-propylbenzene

Concen: 27.870 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039538.D

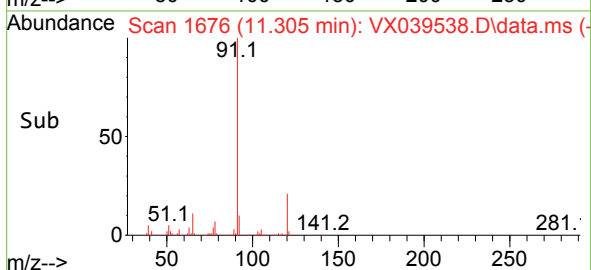
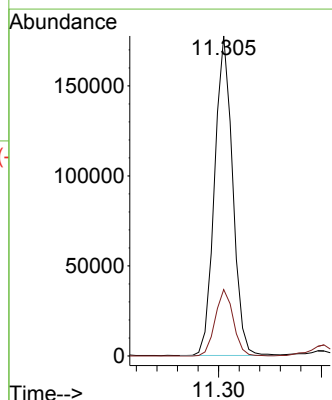
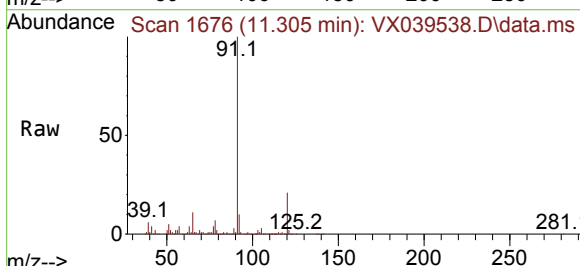
Acq: 29 Dec 2023 12:27

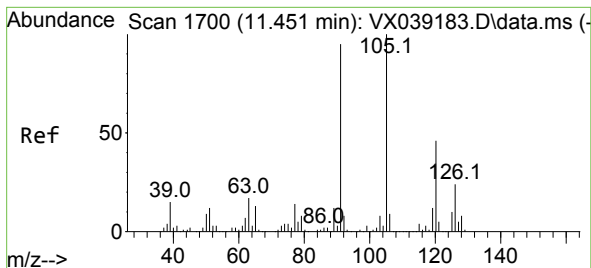
Tgt Ion: 91 Resp: 215846

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.777 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

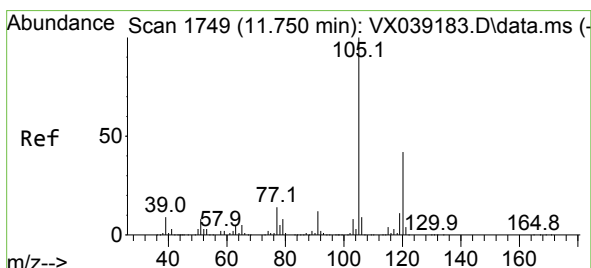
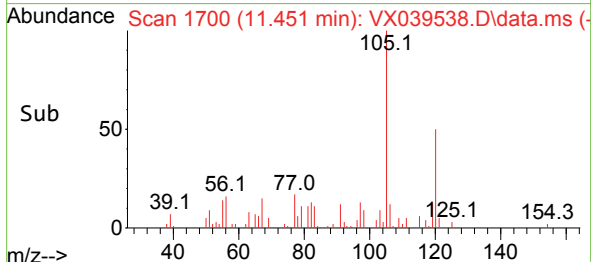
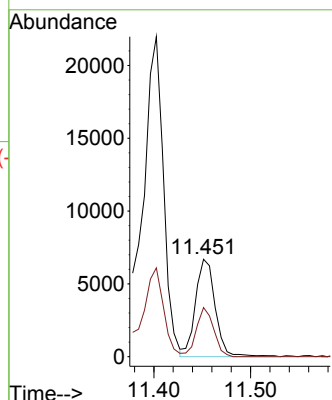
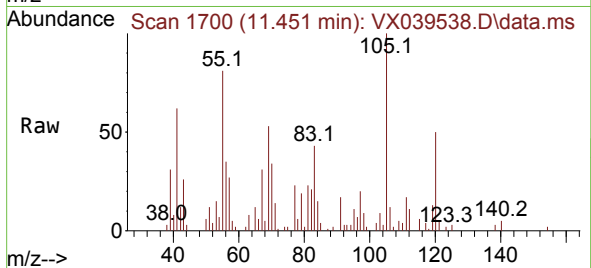
SB32-2-20231222-7.5-8.5-A

Tgt Ion:105 Resp: 9518

Ion Ratio Lower Upper

105 100

120 44.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.912 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.007 min

Lab File: VX039538.D

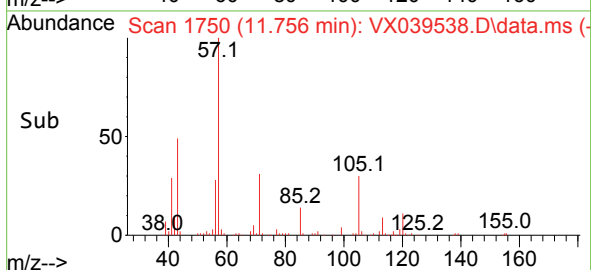
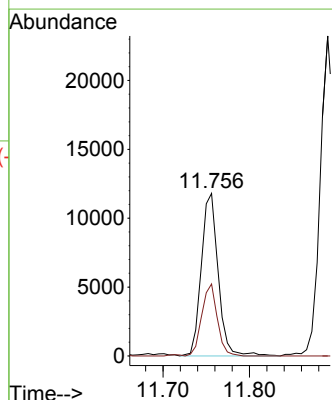
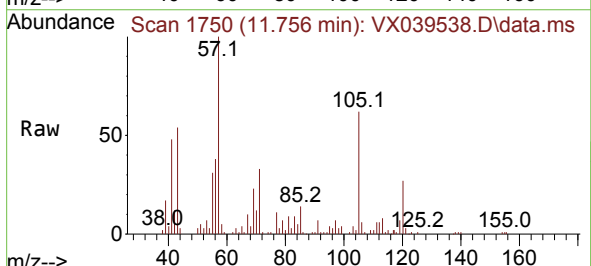
Acq: 29 Dec 2023 12:27

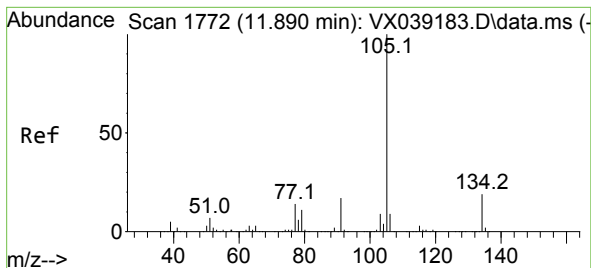
Tgt Ion:105 Resp: 15992

Ion Ratio Lower Upper

105 100

120 40.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 4.491 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

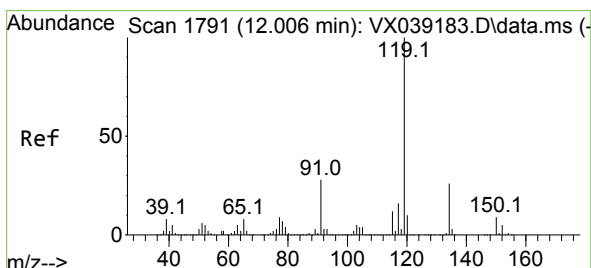
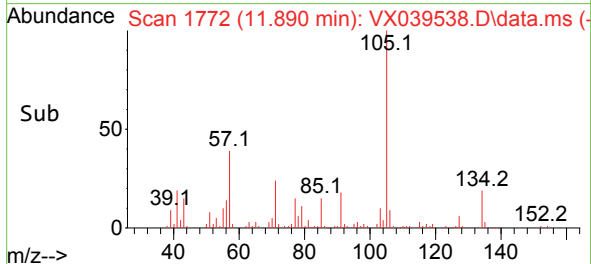
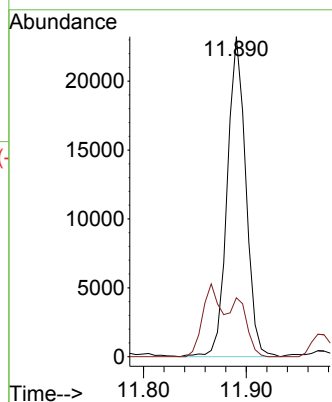
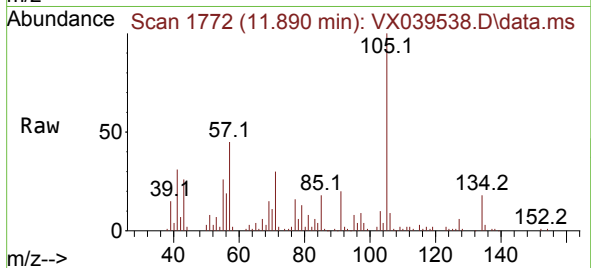
SB32-2-20231222-7.5-8.5-A

Tgt Ion:105 Resp: 29123

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 2.178 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.007 min

Lab File: VX039538.D

Acq: 29 Dec 2023 12:27

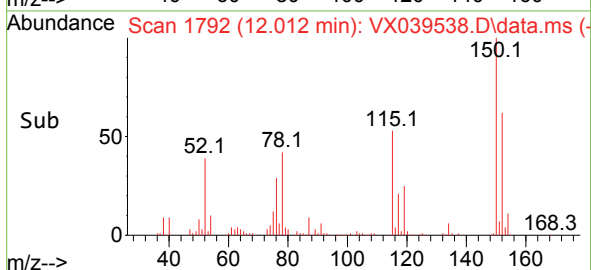
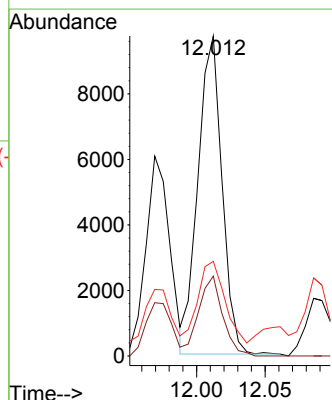
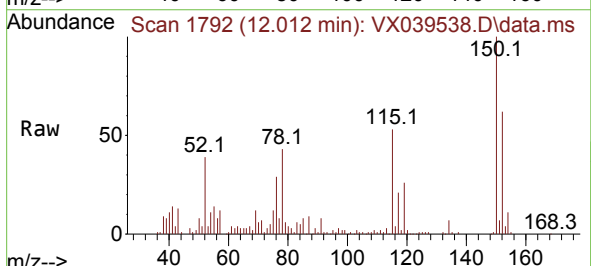
Tgt Ion:119 Resp: 11853

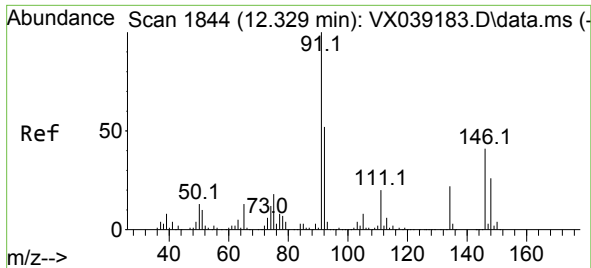
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 28.4 13.1 39.3





#89

n-Butylbenzene

Concen: 20.082 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX039538.D

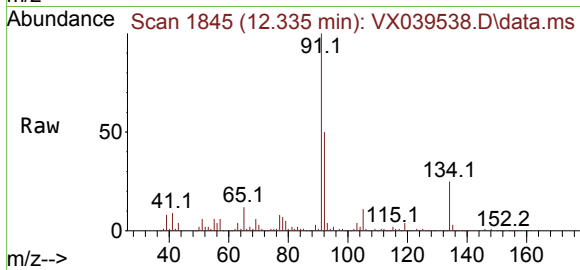
Acq: 29 Dec 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5-A



Tgt Ion: 91 Resp: 107441

Ion Ratio Lower Upper

91 100

92 43.9 27.4 82.0

134 0.0 12.6 37.8#

