

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033749.D
 Acq On : 16 Jan 2023 15:34
 Operator : JC/MD
 Sample : 01161-01 10X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20230113-H4-STOCKPILE

Quant Time: Jan 17 00:43:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

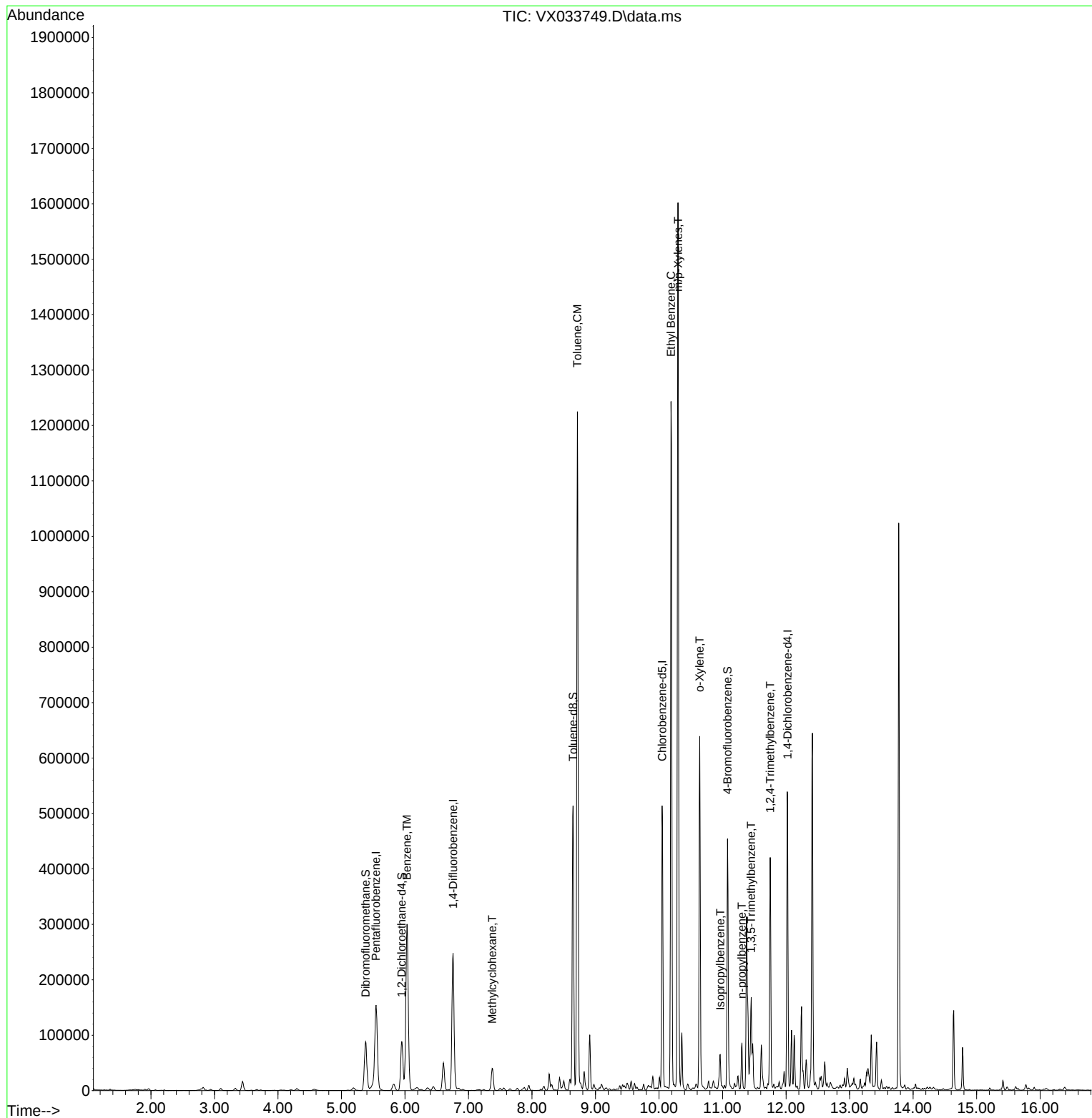
Internal Standards							
1) Pentafluorobenzene		5.544	168	156575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.757	114	261766	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.049	117	245096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	123233	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.946	65	88020	53.391	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.780%		
35) Dibromofluoromethane		5.379	113	73795	45.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.800%		
50) Toluene-d8		8.647	98	311538	52.604	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%		
62) 4-Bromofluorobenzene		11.079	95	112119	50.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.980%		
Target Compounds							
39) Methylcyclohexane		7.373	83	17320	5.912	ug/l	Qvalue 97
40) Benzene		6.031	78	350308	50.663	ug/l	99
52) Toluene		8.714	92	461073	103.258	ug/l	100
67) Ethyl Benzene		10.189	91	728291	83.599	ug/l	99
68) m/p-Xylenes		10.299	106	367840	107.951	ug/l	99
69) o-Xylene		10.640	106	141528	41.882	ug/l	99
73) Isopropylbenzene		10.963	105	33776	1.740	ug/l	99
78) n-propylbenzene		11.305	91	52939	5.265	ug/l	100
80) 1,3,5-Trimethylbenzene		11.451	105	67411	9.091	ug/l	98
84) 1,2,4-Trimethylbenzene		11.750	105	184773	26.342	ug/l	99

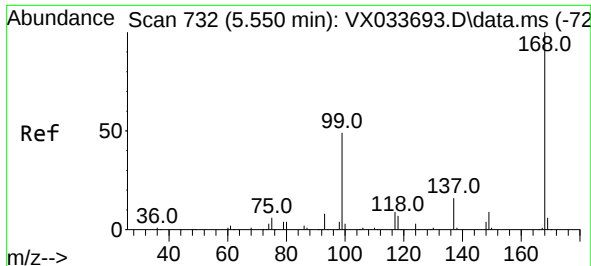
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

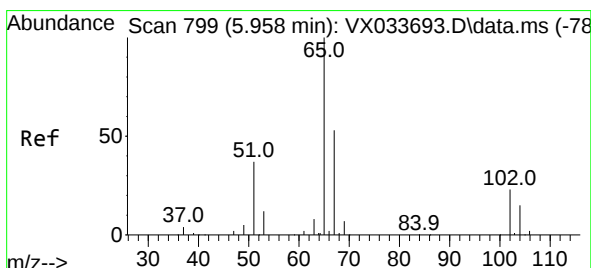
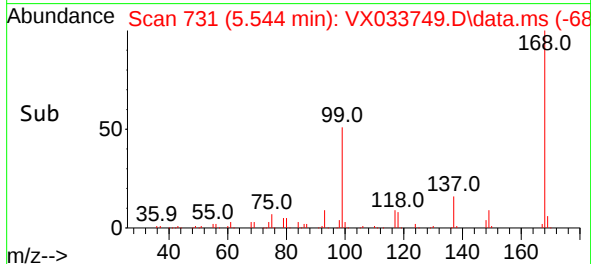
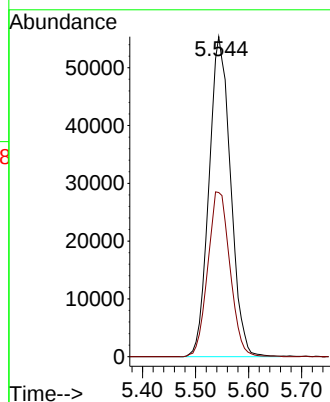
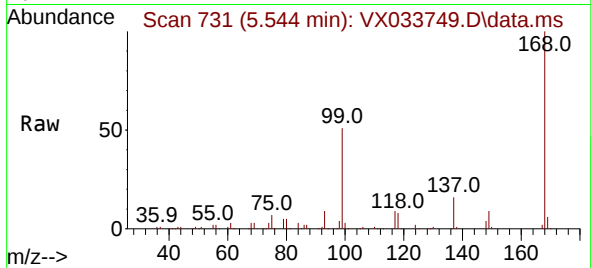




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

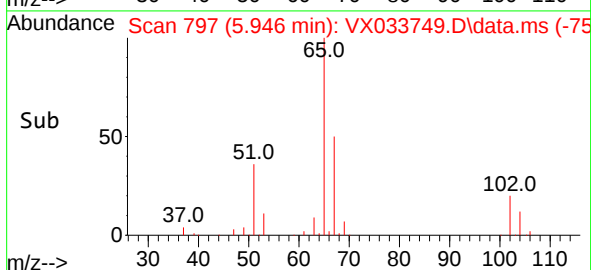
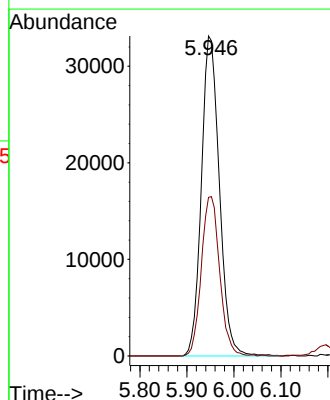
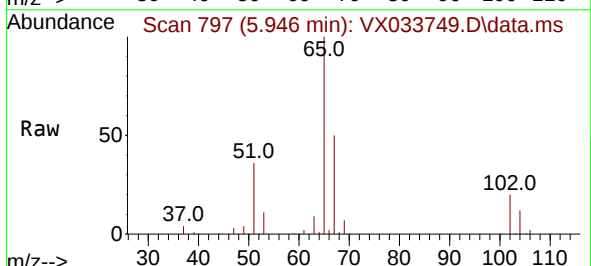
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

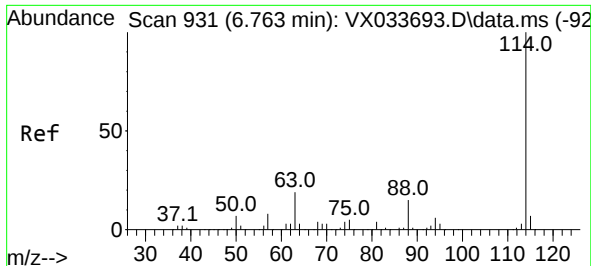
Tgt Ion:168 Resp: 156575
Ion Ratio Lower Upper
168 100
99 51.3 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 53.391 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion: 65 Resp: 88020
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

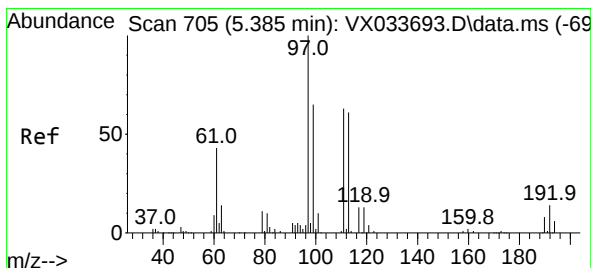
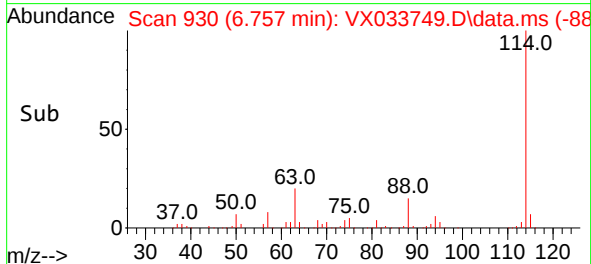
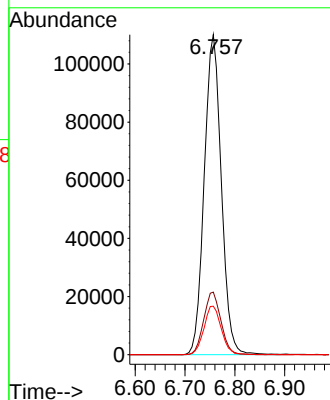
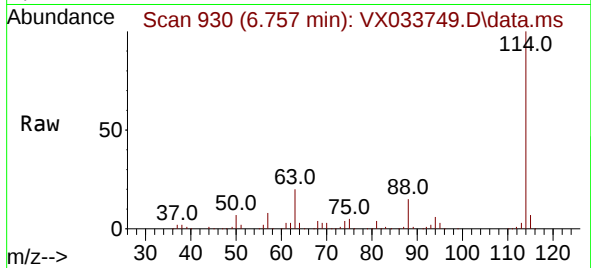




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

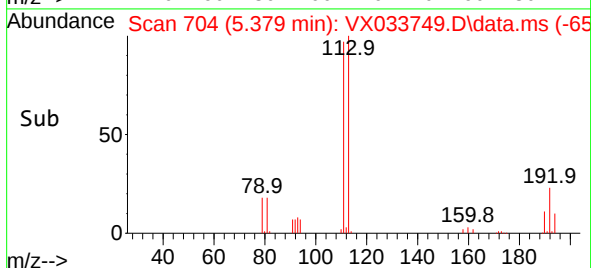
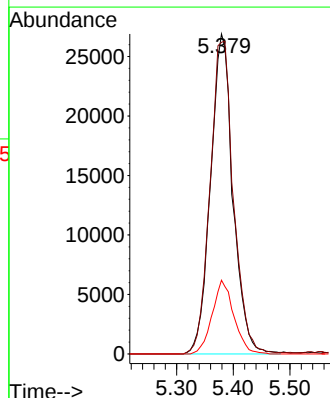
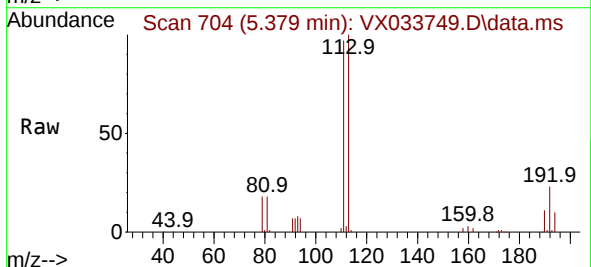
Instrument :
MSVOA_X
ClientSampleId :
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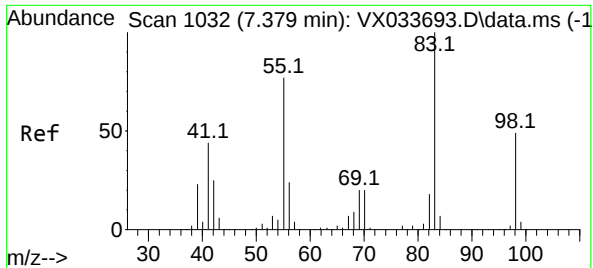
Tgt Ion:114 Resp: 261766
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.400 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion:113 Resp: 73795
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 22.3 19.0 28.4

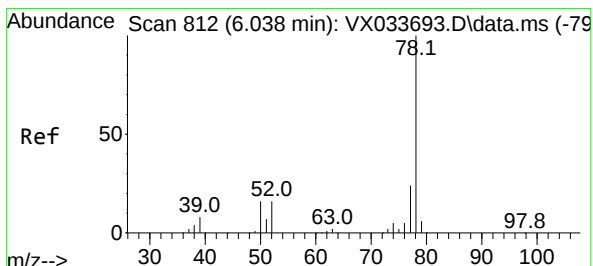
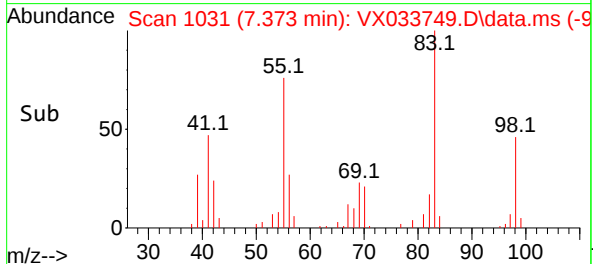
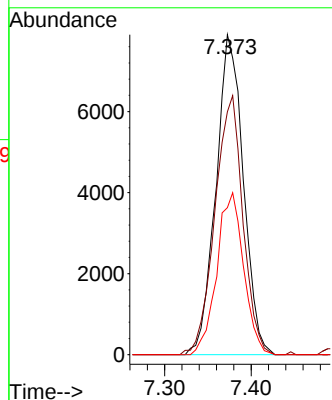
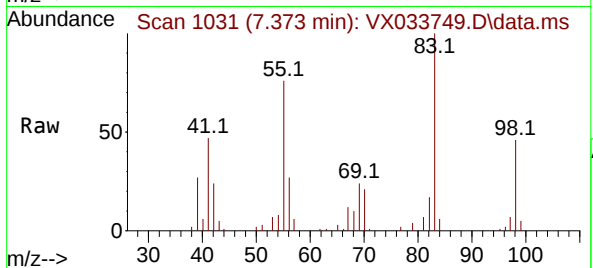




#39
Methylcyclohexane
Concen: 5.912 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

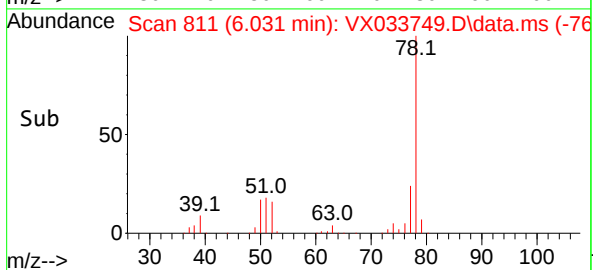
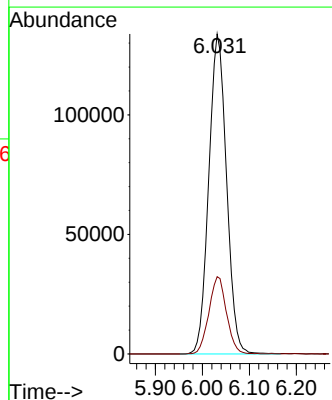
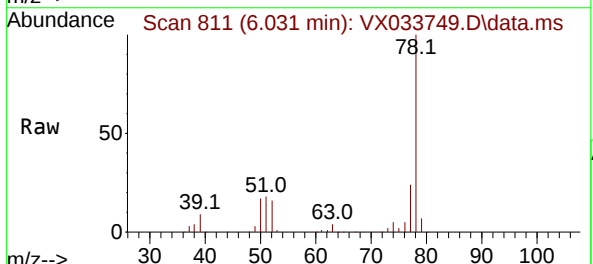
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

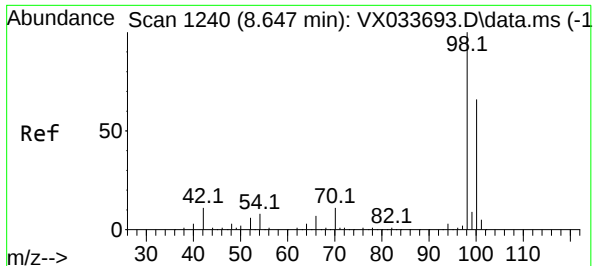
Tgt Ion: 83 Resp: 17320
Ion Ratio Lower Upper
83 100
55 75.9 61.8 92.6
98 46.0 39.3 58.9



#40
Benzene
Concen: 50.663 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion: 78 Resp: 350308
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

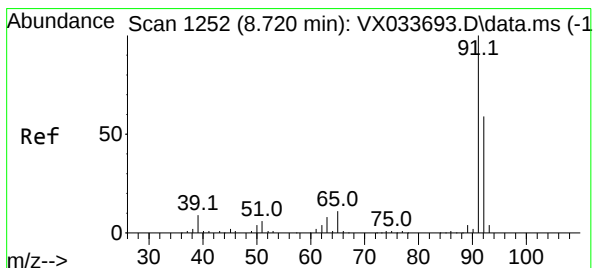
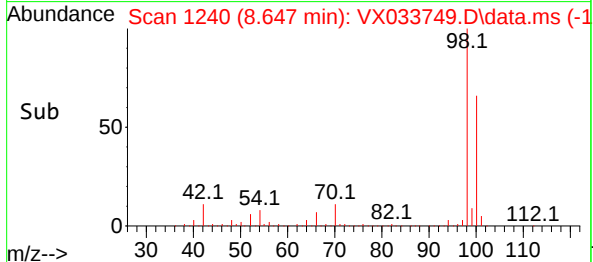
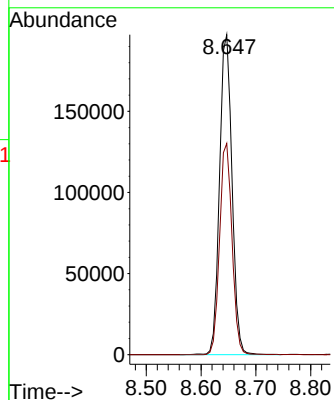
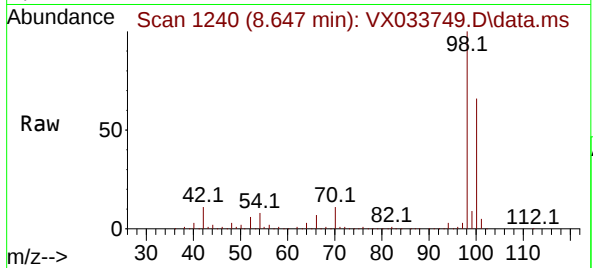




#50
Toluene-d8
Concen: 52.604 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

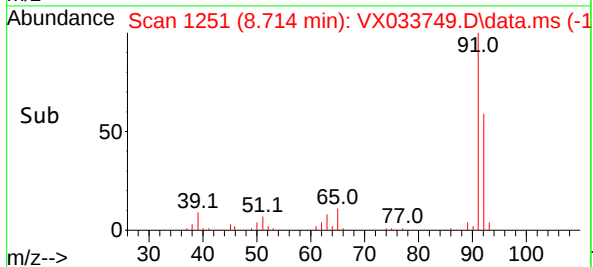
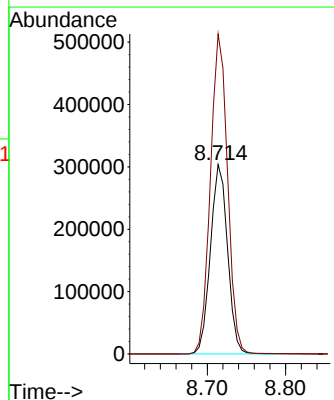
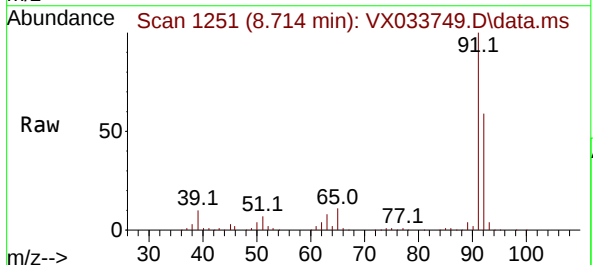
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

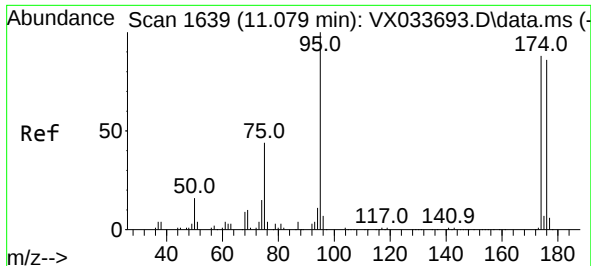
Tgt Ion: 98 Resp: 311538
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4



#52
Toluene
Concen: 103.258 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion: 92 Resp: 461073
Ion Ratio Lower Upper
92 100
91 169.6 135.5 203.3

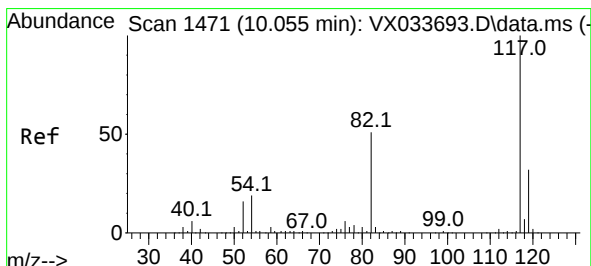
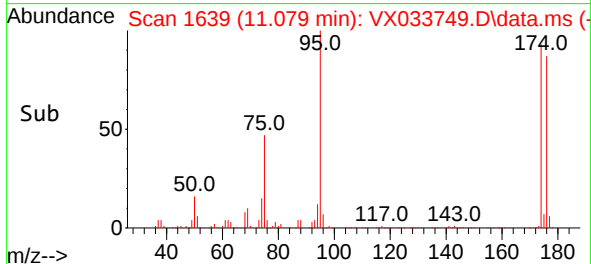
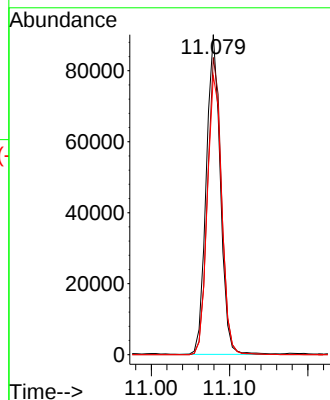
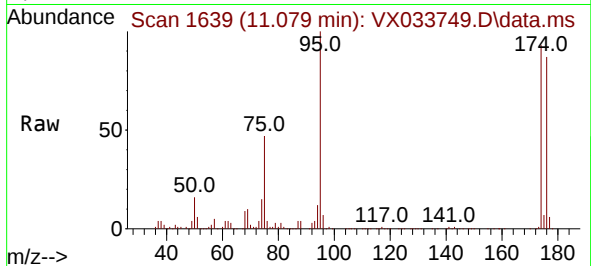




#62
4-Bromofluorobenzene
Concen: 50.990 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

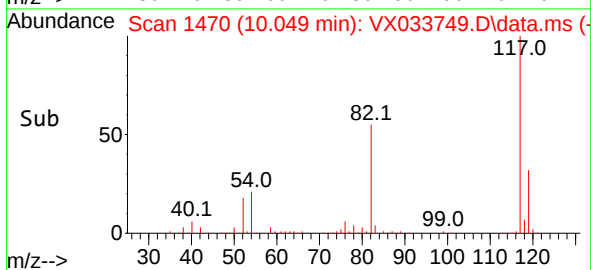
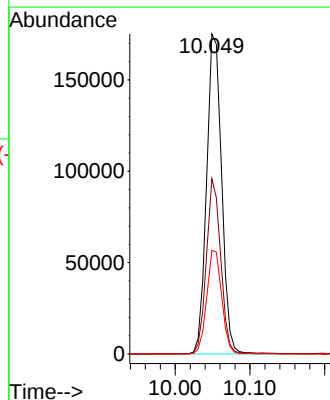
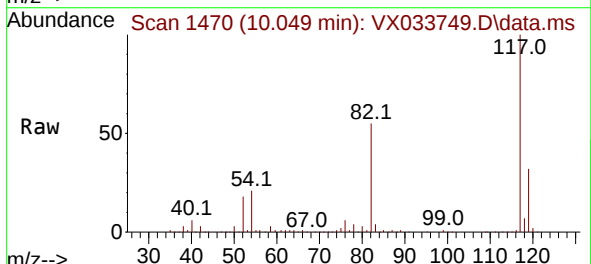
Instrument :
MSVOA_X
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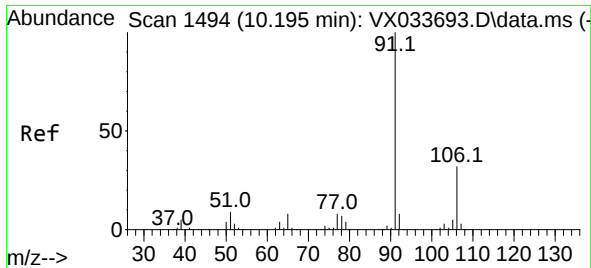
Tgt Ion: 95 Resp: 112119
Ion Ratio Lower Upper
95 100
174 93.1 0.0 184.4
176 89.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion: 117 Resp: 245096
Ion Ratio Lower Upper
117 100
82 54.7 40.6 60.8
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 83.599 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX033749.D

Acq: 16 Jan 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

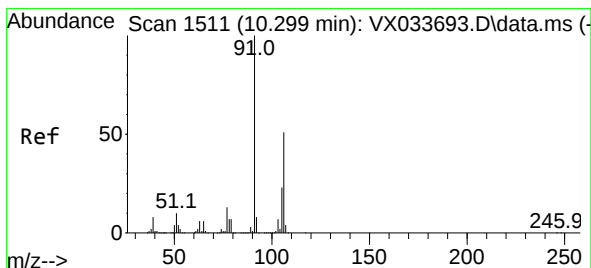
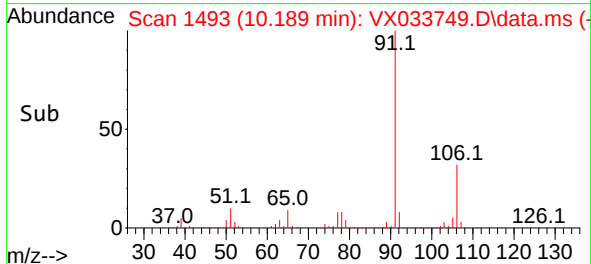
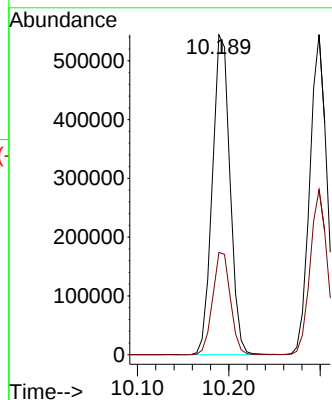
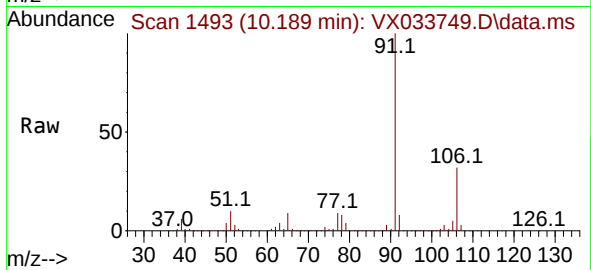
20230113-H4-STOCKPILE

Tgt Ion: 91 Resp: 728291

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.8



#68

m/p-Xylenes

Concen: 107.951 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033749.D

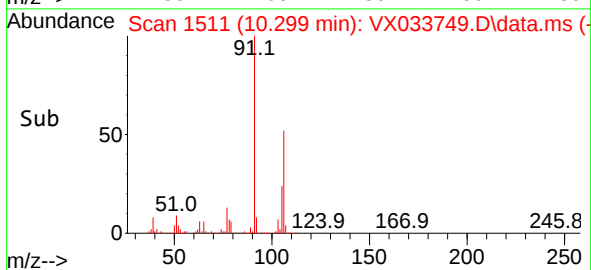
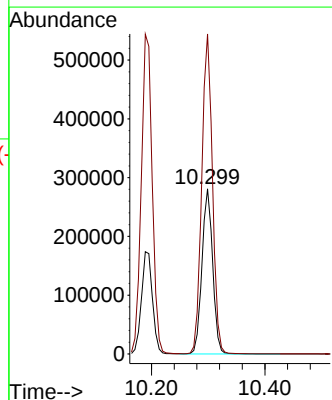
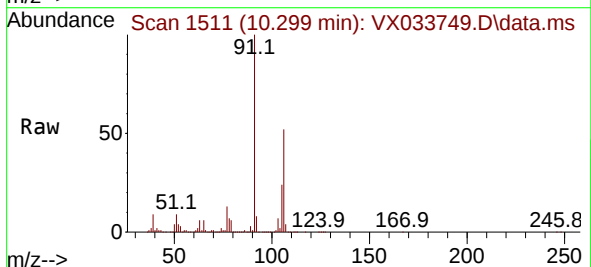
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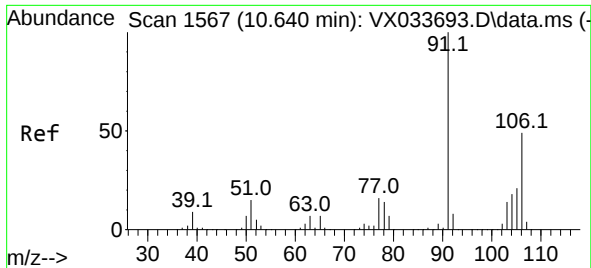
Tgt Ion:106 Resp: 367840

Ion Ratio Lower Upper

106 100

91 193.9 156.4 234.6

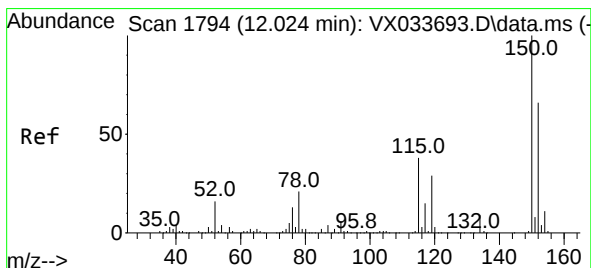
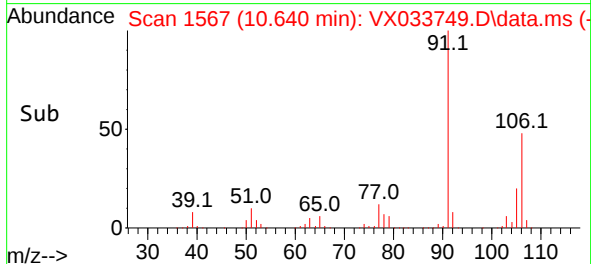
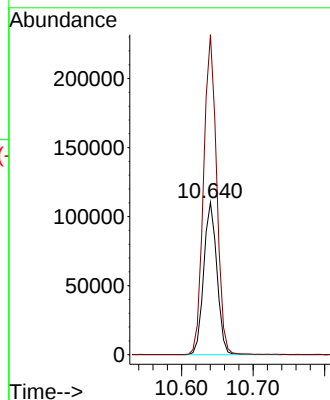
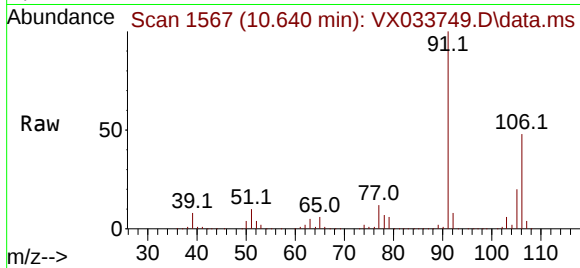




#69
o-Xylene
Concen: 41.882 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

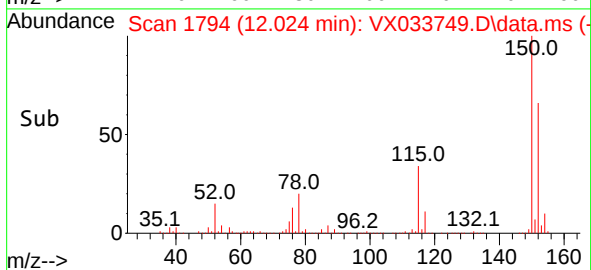
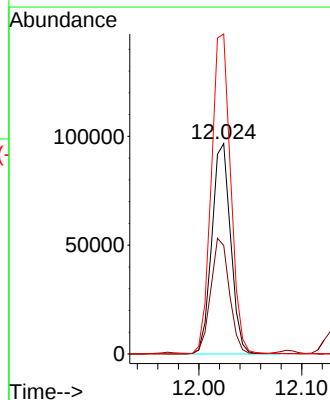
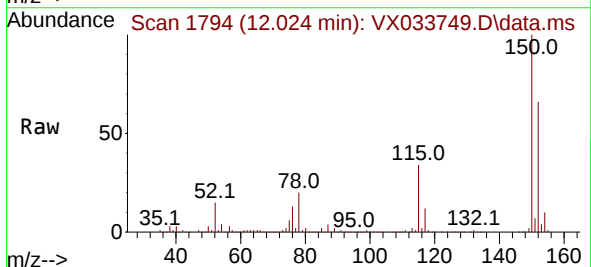
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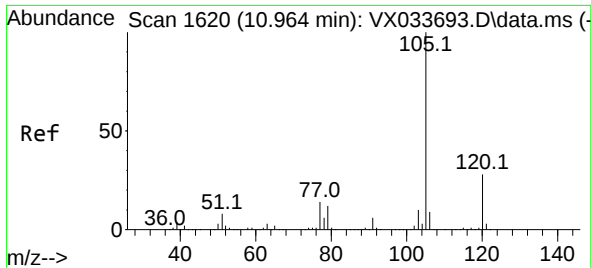
Tgt Ion:106 Resp: 141528
Ion Ratio Lower Upper
106 100
91 208.2 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion:152 Resp: 123233
Ion Ratio Lower Upper
152 100
115 54.2 38.7 116.1
150 156.6 0.0 348.2

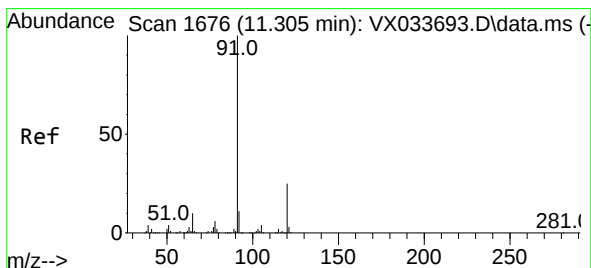
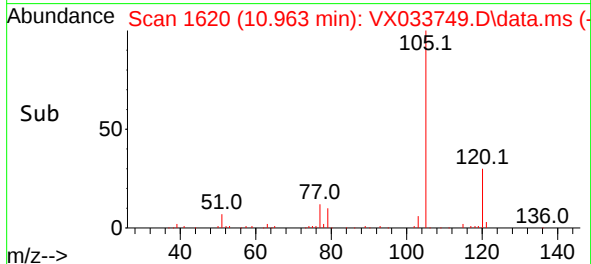
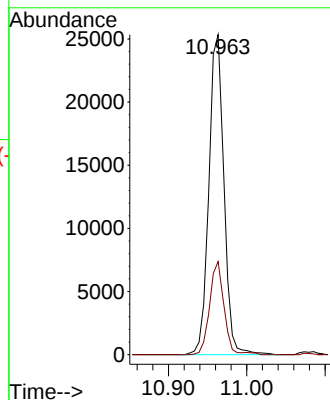
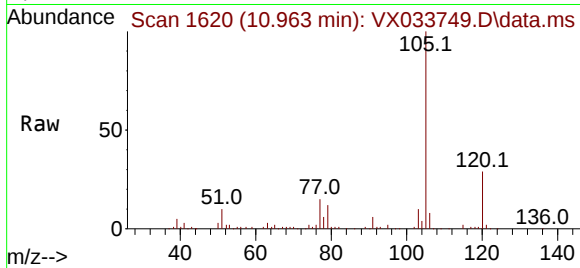




#73
Isopropylbenzene
Concen: 1.740 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

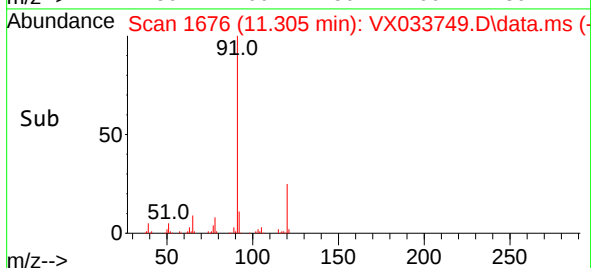
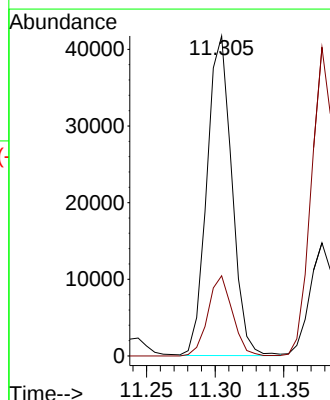
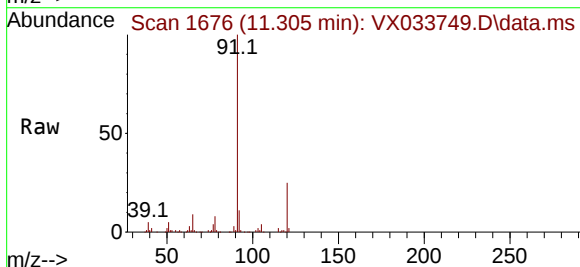
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

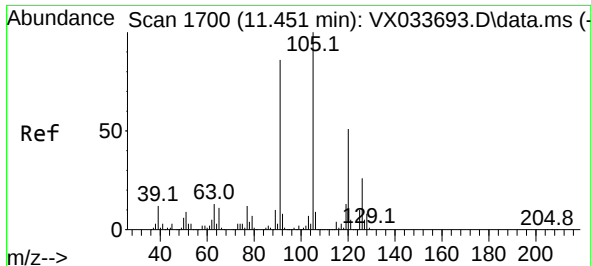
Tgt Ion:105 Resp: 33776
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.8



#78
n-propylbenzene
Concen: 5.265 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion: 91 Resp: 52939
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8

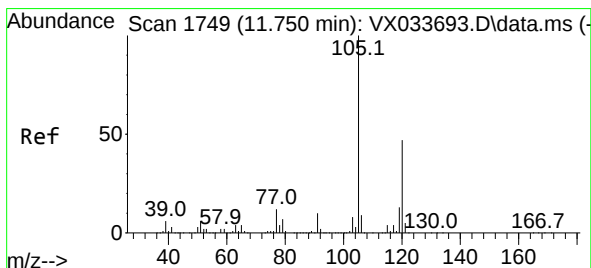
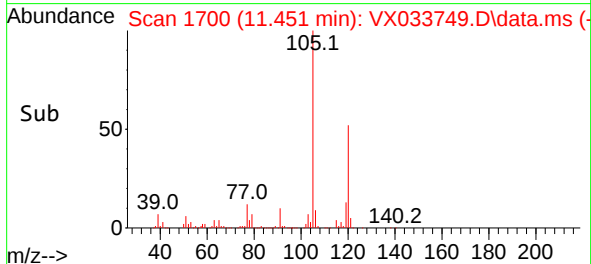
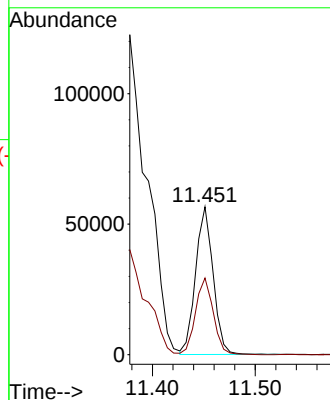
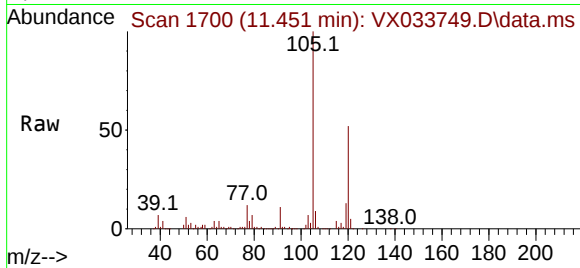




#80
1,3,5-Trimethylbenzene
Concen: 9.091 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

Tgt Ion:105 Resp: 67411
Ion Ratio Lower Upper
105 100
120 52.4 25.6 76.8



#84
1,2,4-Trimethylbenzene
Concen: 26.342 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033749.D
Acq: 16 Jan 2023 15:34

Tgt Ion:105 Resp: 184773
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2

