

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035080.D
 Acq On : 14 Apr 2023 13:59
 Operator : JC/MD
 Sample : 02351-01
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1691

Quant Time: Apr 17 05:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

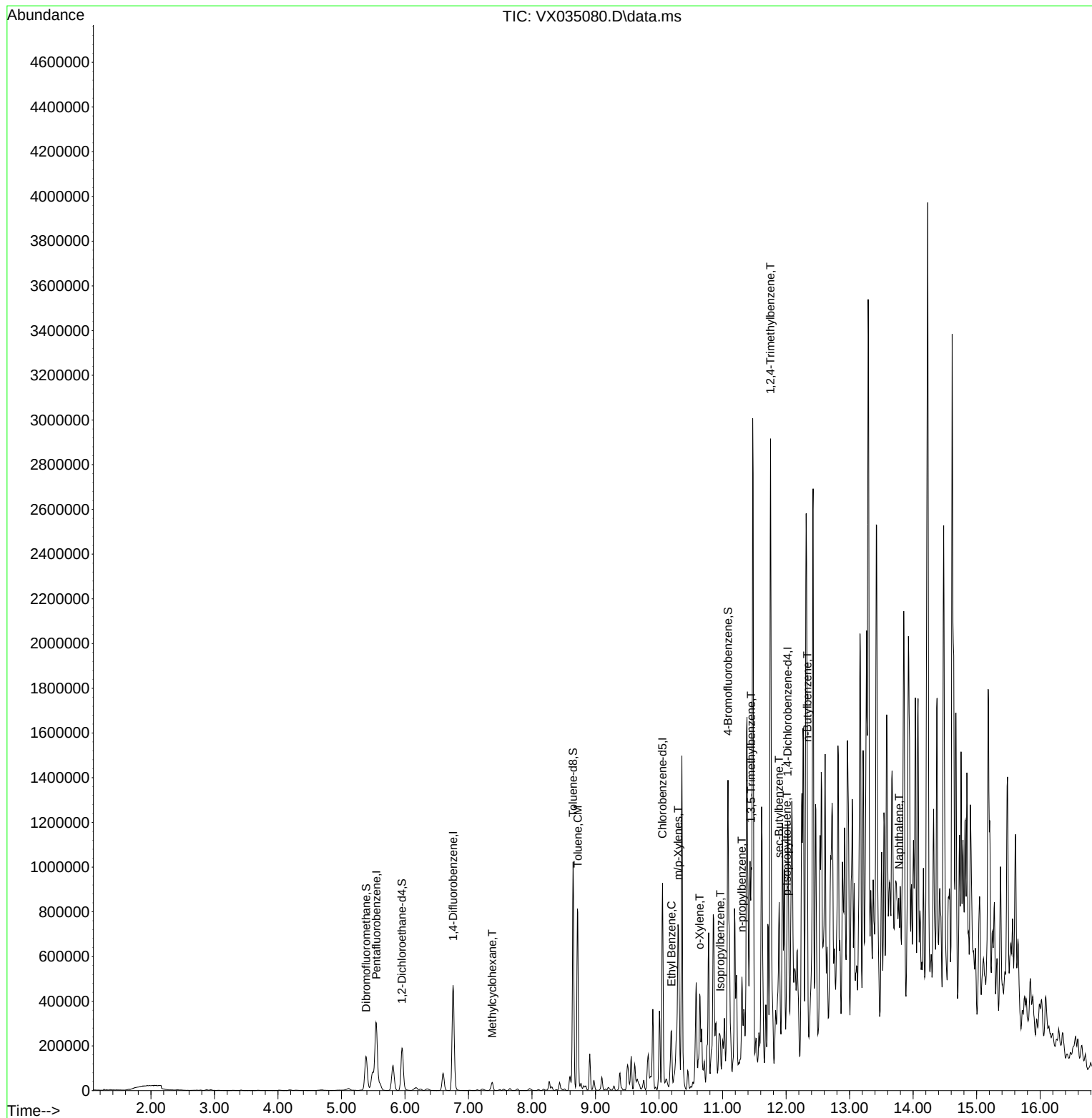
Internal Standards						
1) Pentafluorobenzene	5.550	168	287511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	482935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185815	42.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.520%		
35) Dibromofluoromethane	5.385	113	135464	42.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.820%		
50) Toluene-d8	8.647	98	582762	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.860%		
62) 4-Bromofluorobenzene	11.085	95	220422	48.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.620%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.373	83	15476	3.080	ug/l	91
52) Toluene	8.720	92	313947	35.444	ug/l	98
67) Ethyl Benzene	10.195	91	112012	7.018	ug/l	98
68) m/p-Xylenes	10.299	106	154500	25.340	ug/l	100
69) o-Xylene	10.640	106	88439	14.807	ug/l	100
73) Isopropylbenzene	10.964	105	65123	4.651	ug/l	99
78) n-propylbenzene	11.305	91	267967	16.567	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	286903	24.508	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1111023	93.325	ug/l	98
85) sec-Butylbenzene	11.890	105	148153	11.078	ug/l	87
86) p-Isopropyltoluene	12.012	119	103375	9.270	ug/l	99
89) n-Butylbenzene	12.335	91	364319	37.393	ug/l #	53
95) Naphthalene	13.780	128	233344	18.350	ug/l #	92

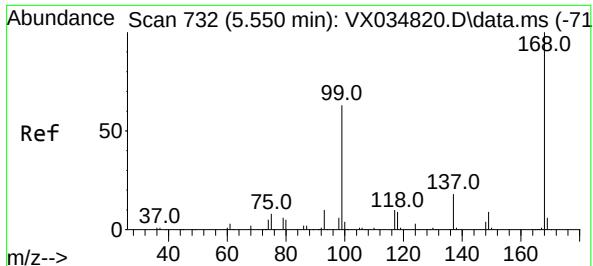
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

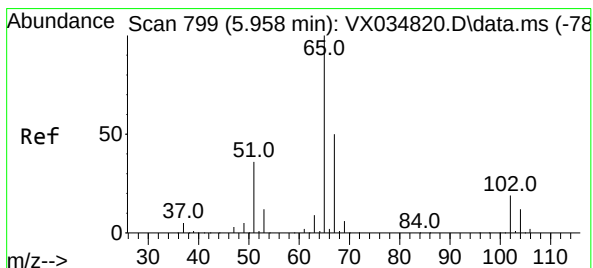
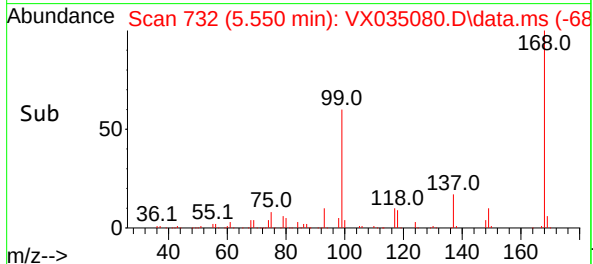
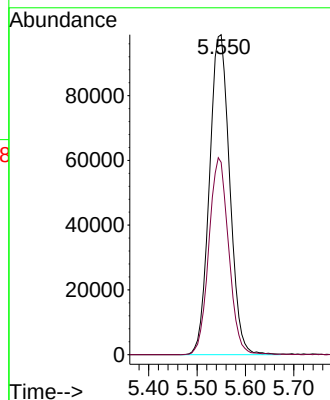
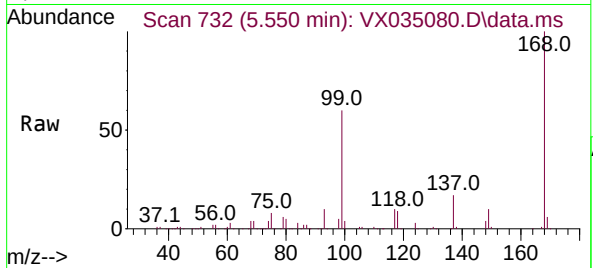




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

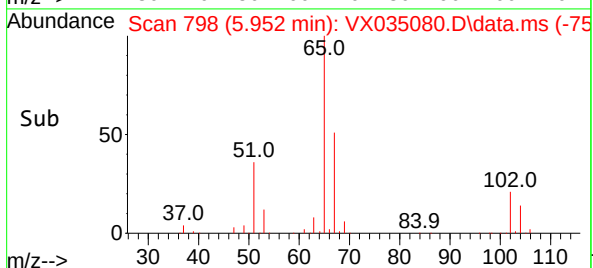
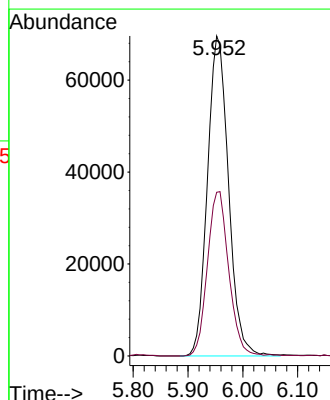
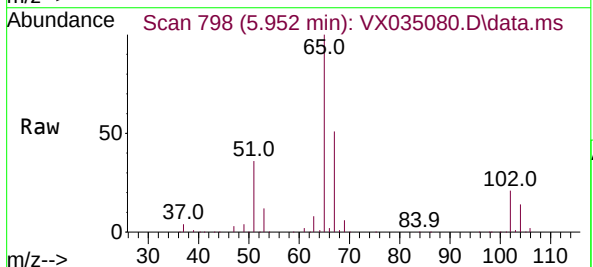
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

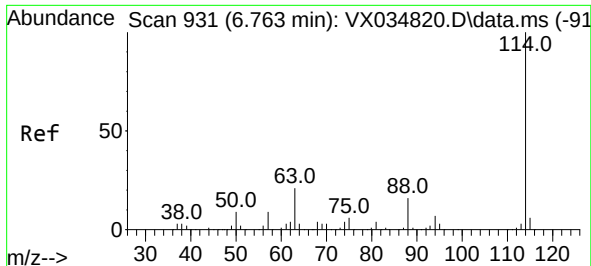
Tgt Ion:168 Resp: 287511
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 42.259 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion: 65 Resp: 185815
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

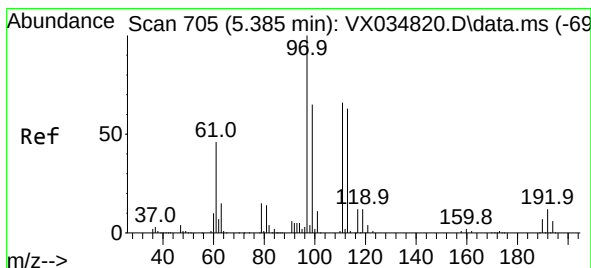
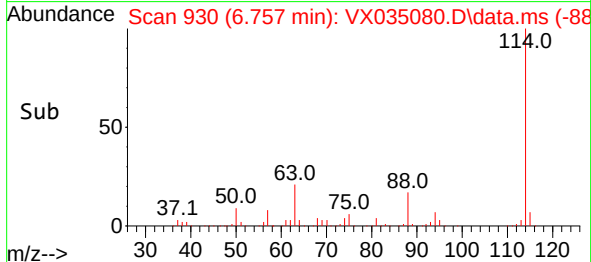
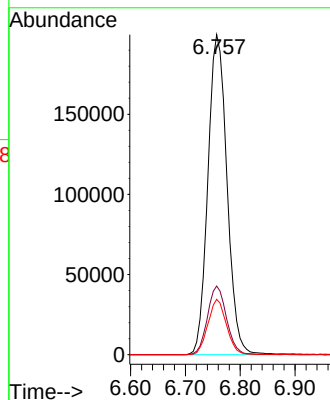
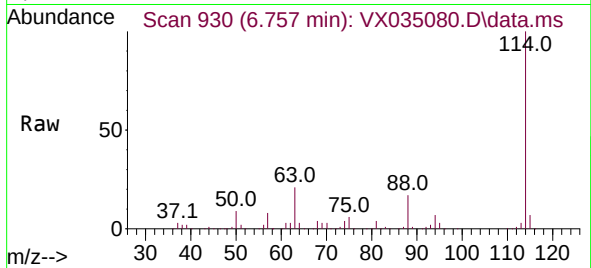




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

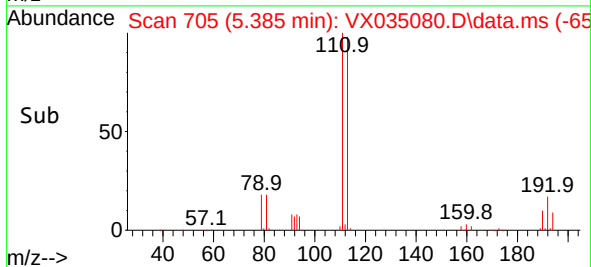
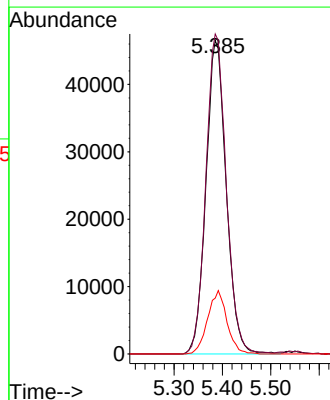
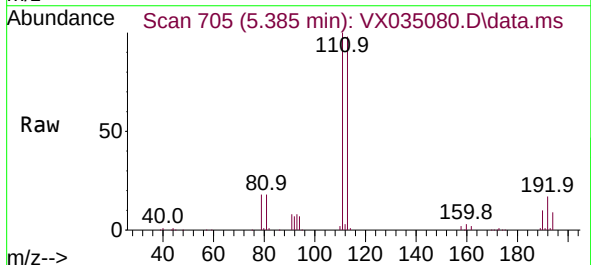
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

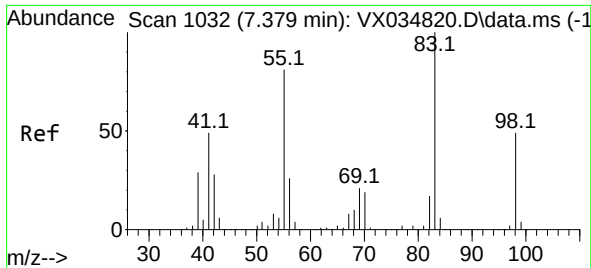
Tgt Ion:114 Resp: 482935
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion:113 Resp: 135464
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 19.3 15.4 23.2





#39

Methylcyclohexane

Concen: 3.080 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035080.D

Acq: 14 Apr 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

TRE-1691

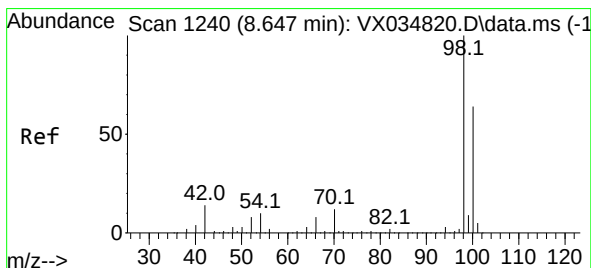
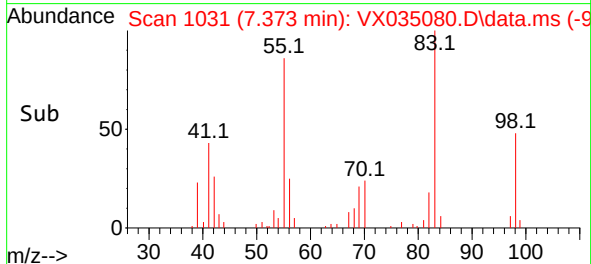
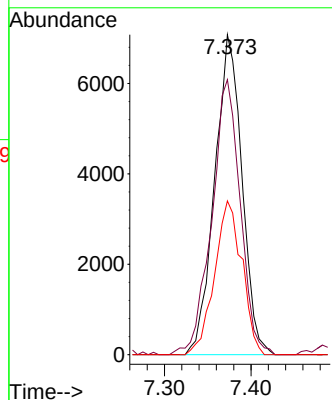
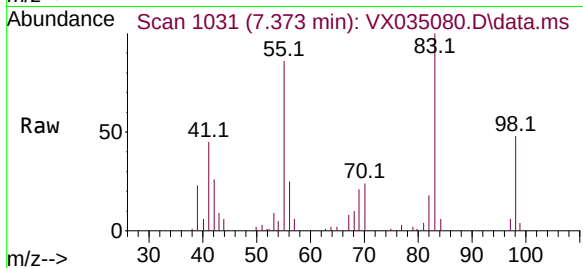
Tgt Ion: 83 Resp: 15476

Ion Ratio Lower Upper

83 100

55 85.9 60.5 90.7

98 48.0 40.4 60.6



#50

Toluene-d8

Concen: 49.428 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035080.D

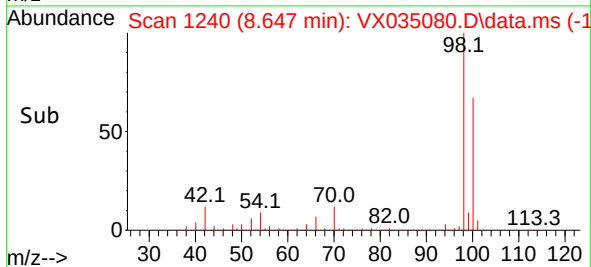
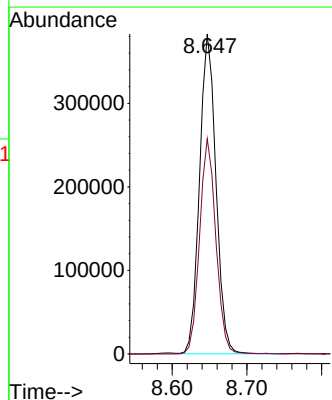
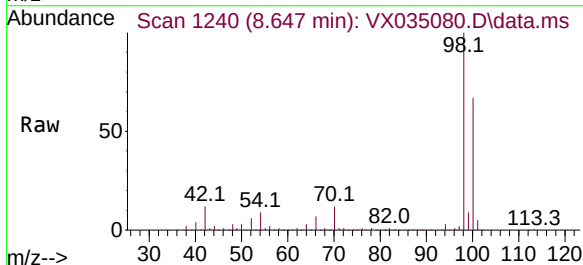
Acq: 14 Apr 2023 13:59

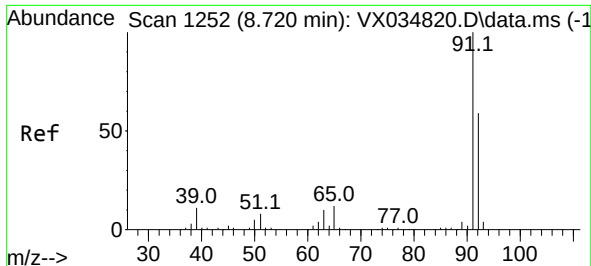
Tgt Ion: 98 Resp: 582762

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

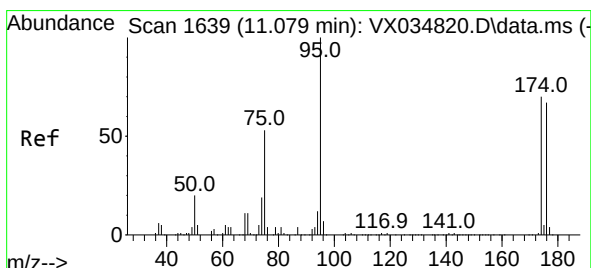
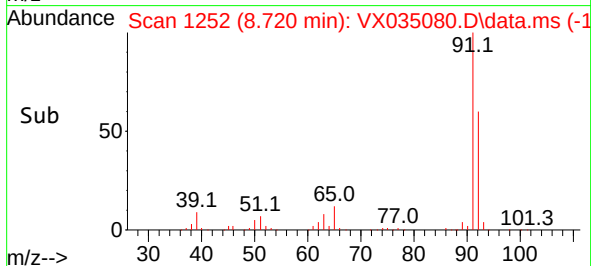
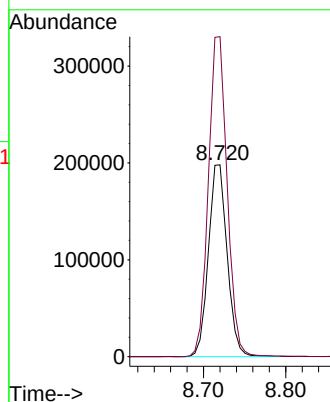
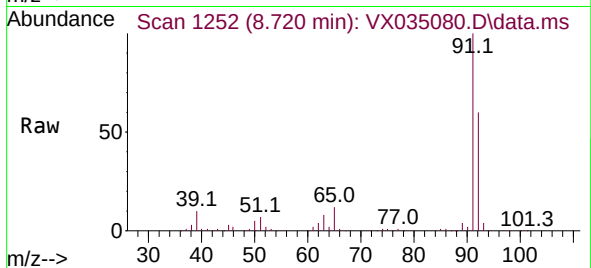




#52
Toluene
Concen: 35.444 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

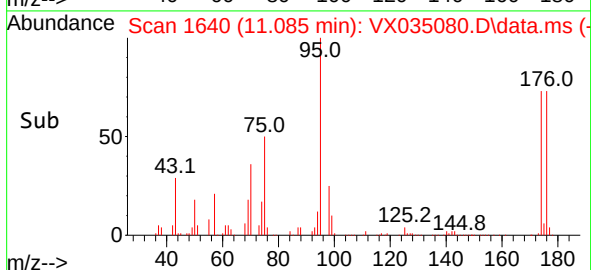
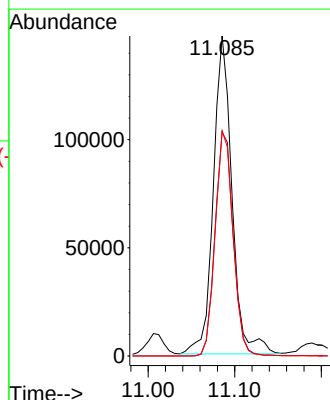
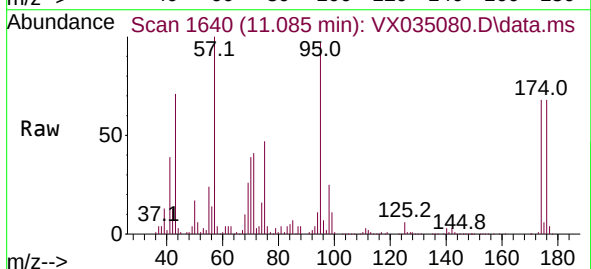
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

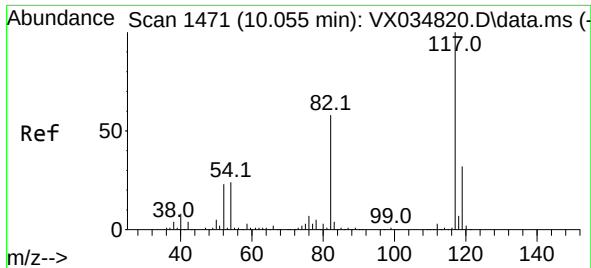
Tgt Ion: 92 Resp: 313947
Ion Ratio Lower Upper
92 100
91 167.6 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.312 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion: 95 Resp: 220422
Ion Ratio Lower Upper
95 100
174 68.7 0.0 147.4
176 67.6 0.0 140.6

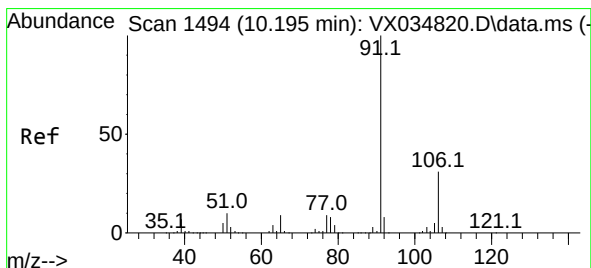
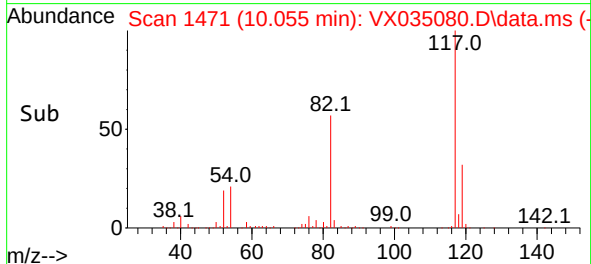
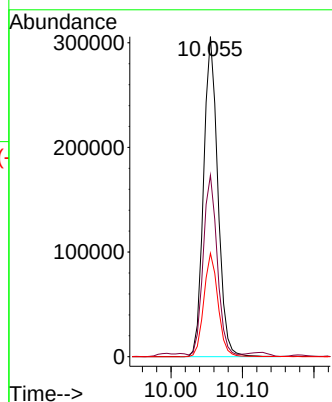
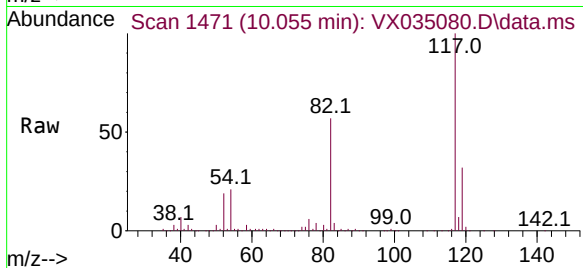




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

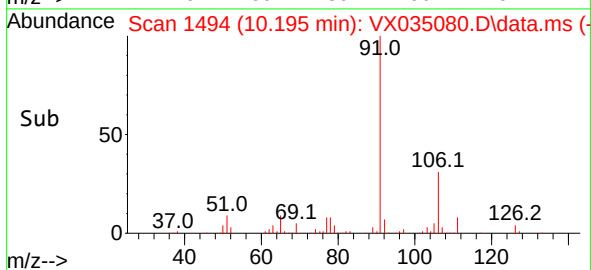
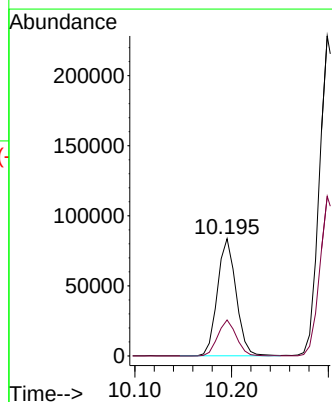
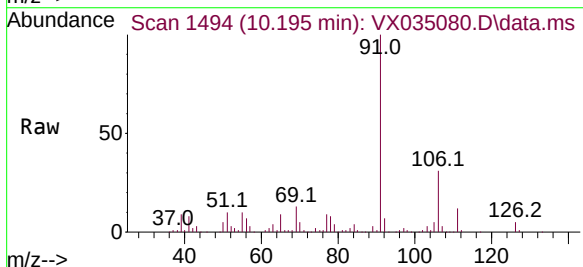
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

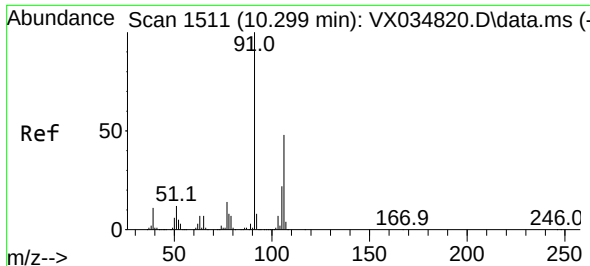
Tgt Ion:117 Resp: 423476
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.3 26.0 39.0



#67
Ethyl Benzene
Concen: 7.018 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion: 91 Resp: 112012
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

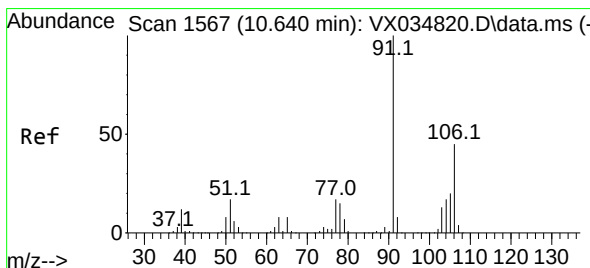
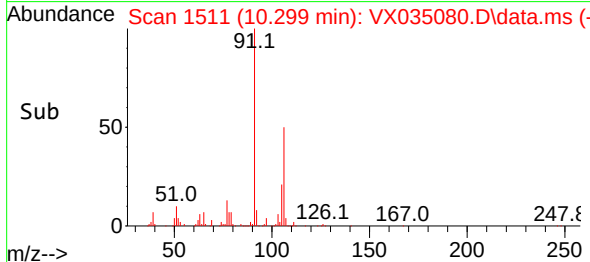
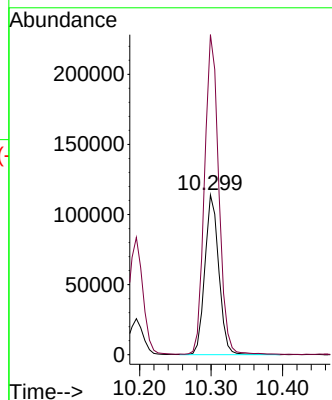
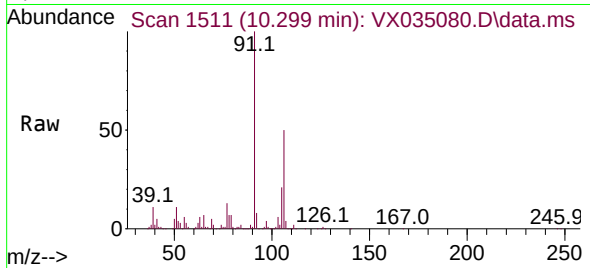




#68
m/p-Xylenes
Concen: 25.340 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

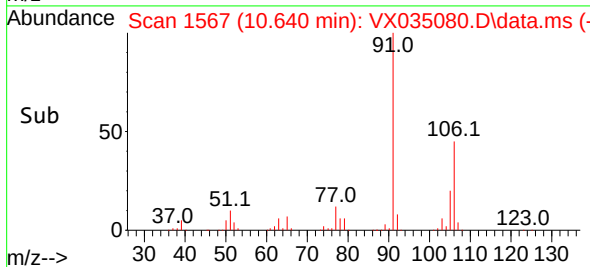
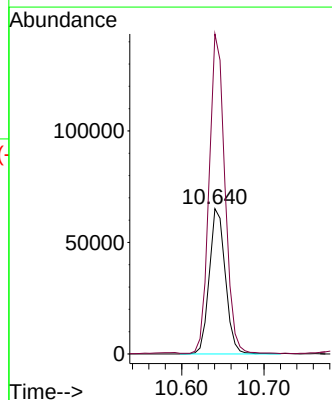
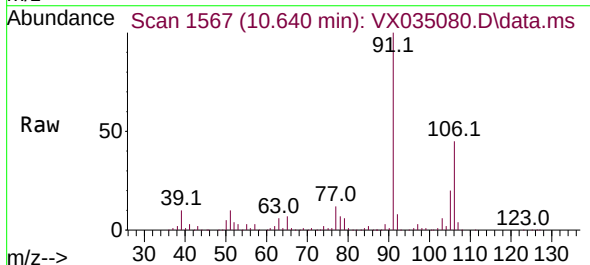
Instrument :
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TRE-1691

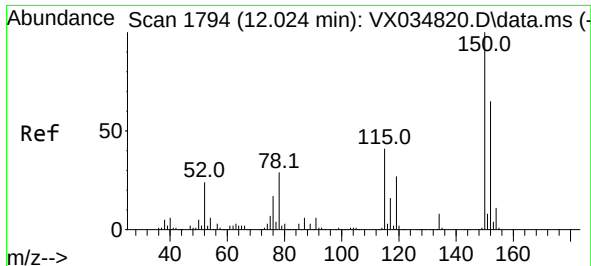
Tgt Ion:106 Resp: 154500
Ion Ratio Lower Upper
106 100
91 204.5 164.0 246.0



#69
o-Xylene
Concen: 14.807 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion:106 Resp: 88439
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.3

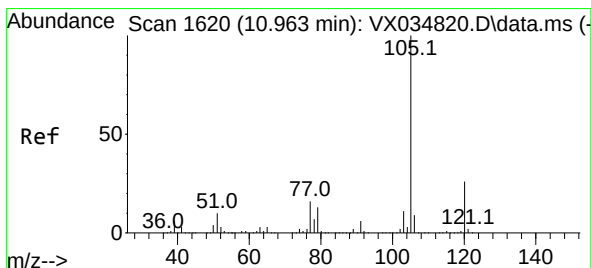
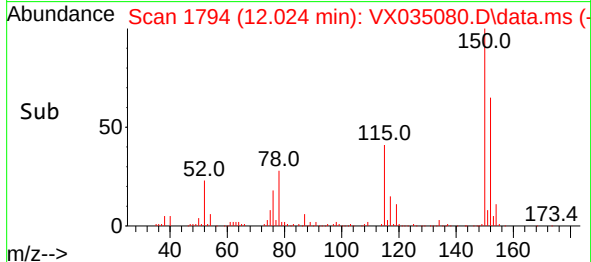
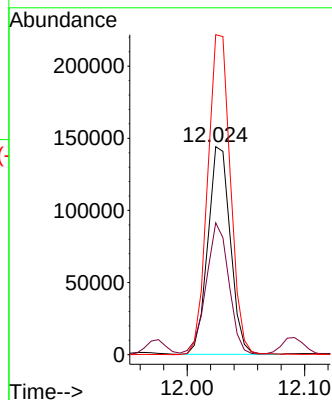
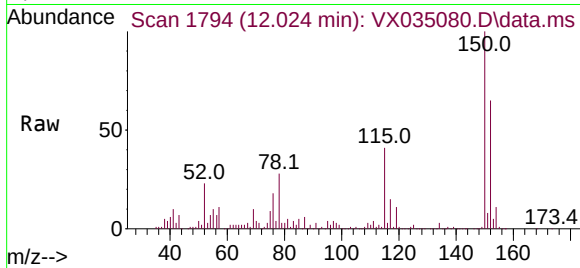




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035080.D
 Acq: 14 Apr 2023 13:59

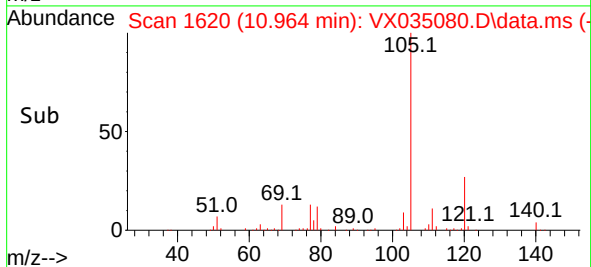
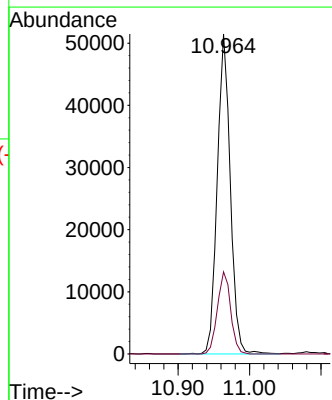
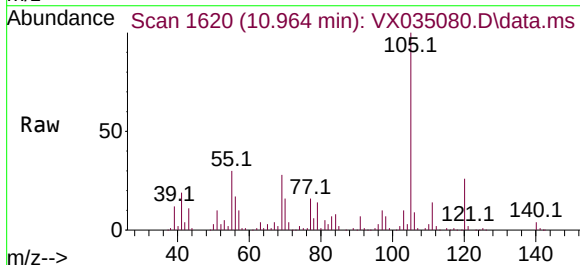
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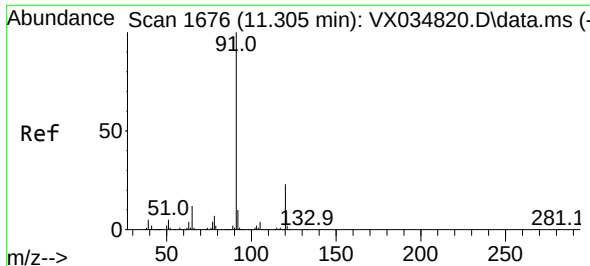
Tgt Ion:152 Resp: 191143
 Ion Ratio Lower Upper
 152 100
 115 64.0 45.0 135.0
 150 156.1 0.0 352.4



#73
 Isopropylbenzene
 Concen: 4.651 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.001 min
 Lab File: VX035080.D
 Acq: 14 Apr 2023 13:59

Tgt Ion:105 Resp: 65123
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.3 39.9

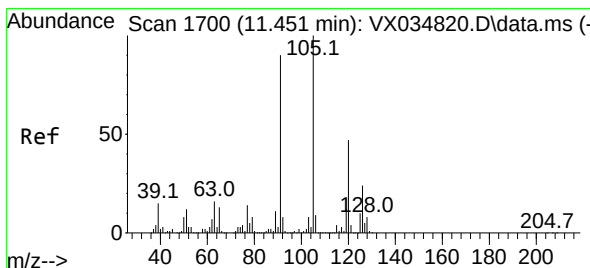
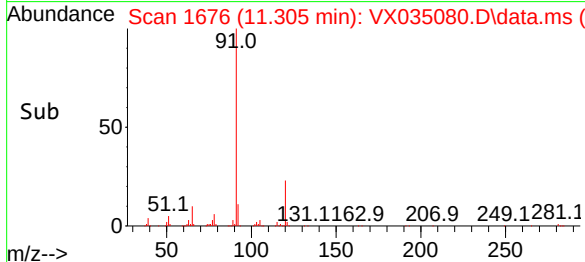
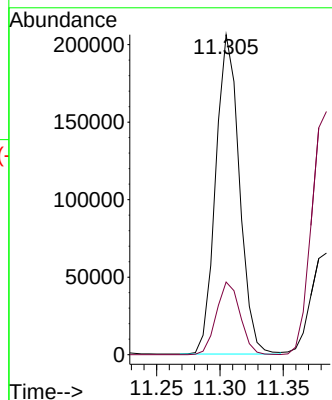
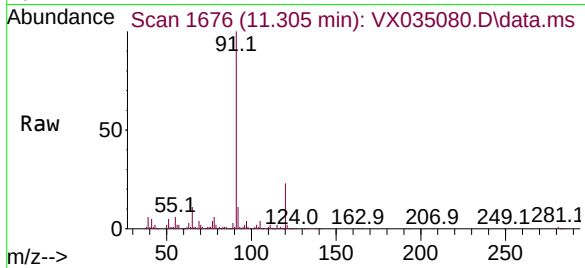




#78
n-propylbenzene
Concen: 16.567 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

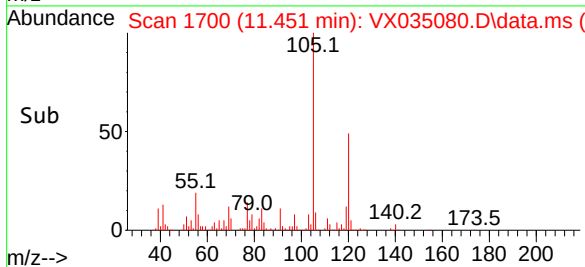
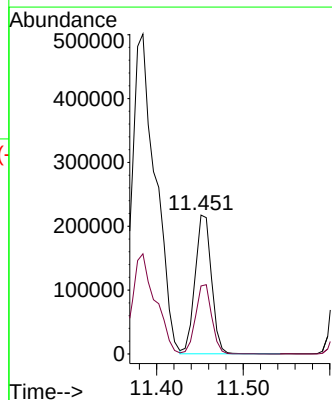
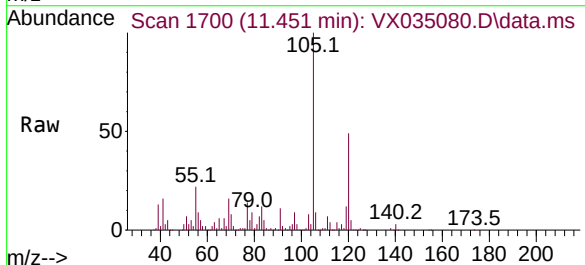
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

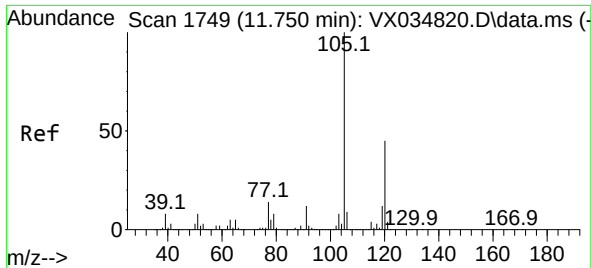
Tgt Ion: 91 Resp: 267967
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 24.508 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion: 105 Resp: 286903
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1

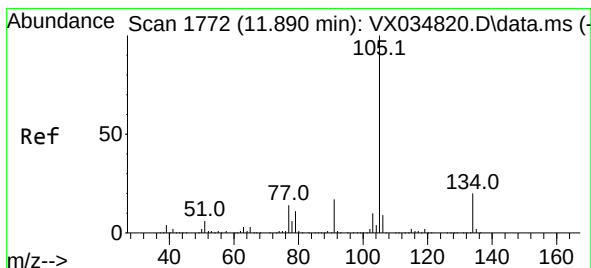
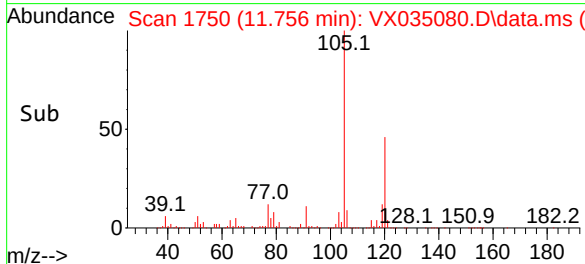
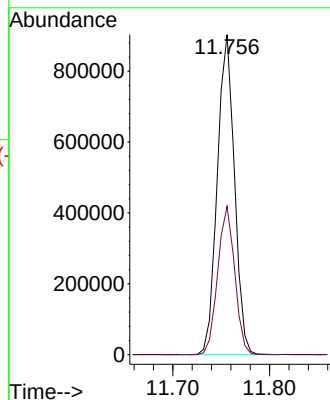
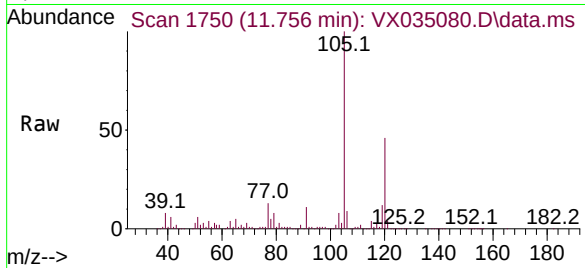




#84
1,2,4-Trimethylbenzene
Concen: 93.325 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

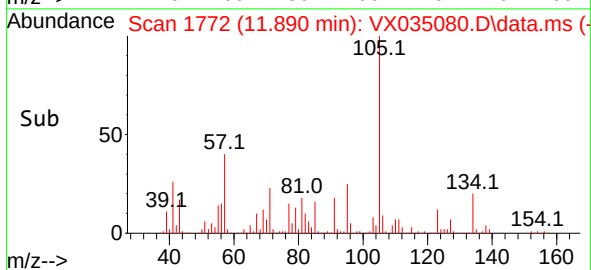
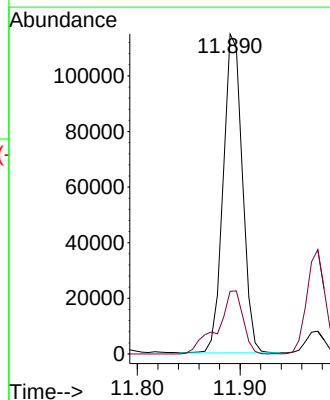
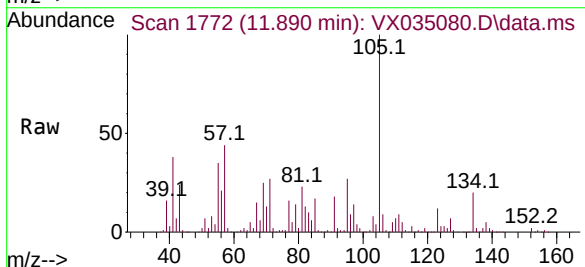
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

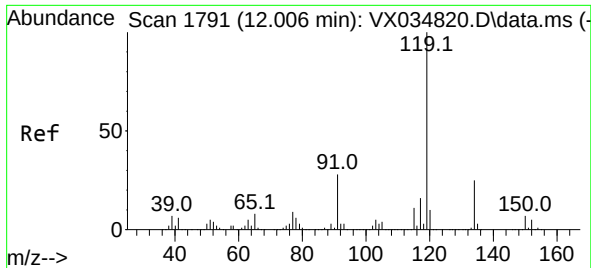
Tgt Ion:105 Resp: 1111023
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0



#85
sec-Butylbenzene
Concen: 11.078 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Tgt Ion:105 Resp: 148153
Ion Ratio Lower Upper
105 100
134 26.4 10.2 30.4

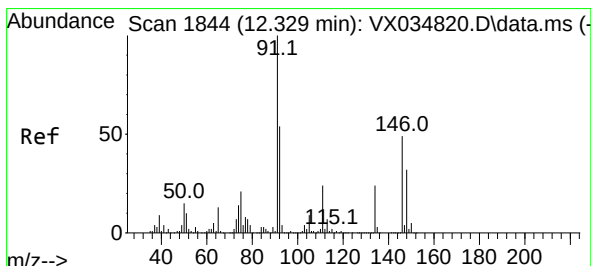
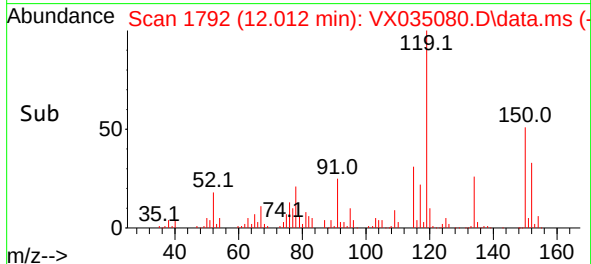
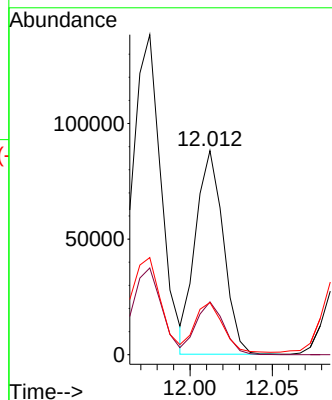
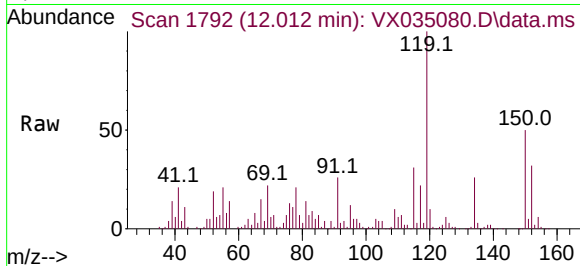




#86
p-Isopropyltoluene
Concen: 9.270 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

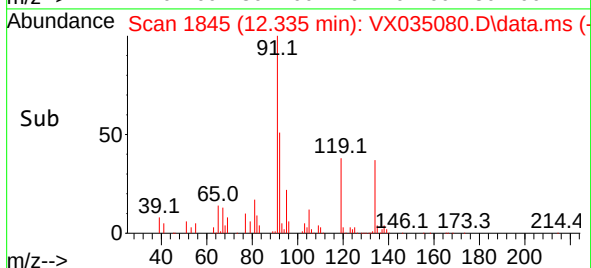
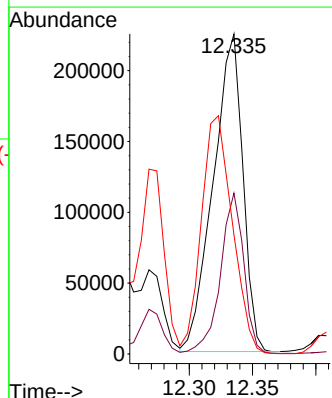
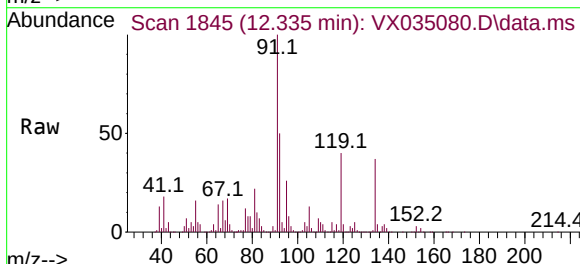
Instrument :
MSVOA_X
ClientSampleId :
TRE-1691

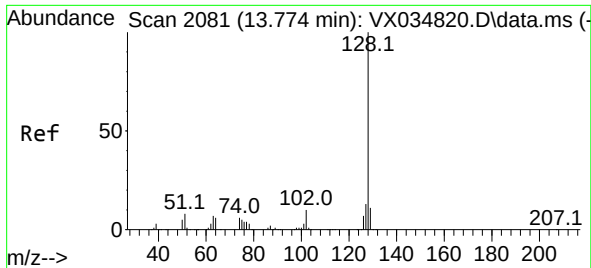
Tgt Ion:119 Resp: 103375
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 24.4 12.9 38.7



#89
n-Butylbenzene
Concen: 37.393 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

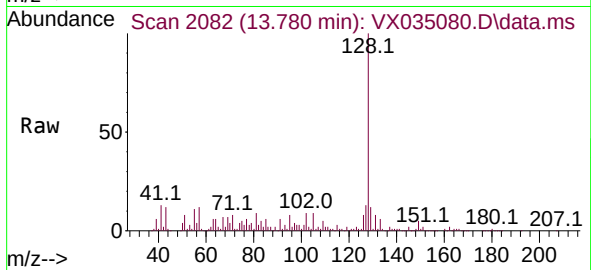
Tgt Ion: 91 Resp: 364319
Ion Ratio Lower Upper
91 100
92 39.9 27.7 83.0
134 78.4 13.0 38.9#





#95
Naphthalene
Concen: 18.350 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035080.D
Acq: 14 Apr 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
TRE-1691



Tgt Ion:128 Resp: 233344
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.4
129 15.3 8.6 13.0#

