

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038460.D
 Acq On : 24 Oct 2023 17:04
 Operator : JC/MD
 Sample : 04975-03
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61

Quant Time: Oct 25 06:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

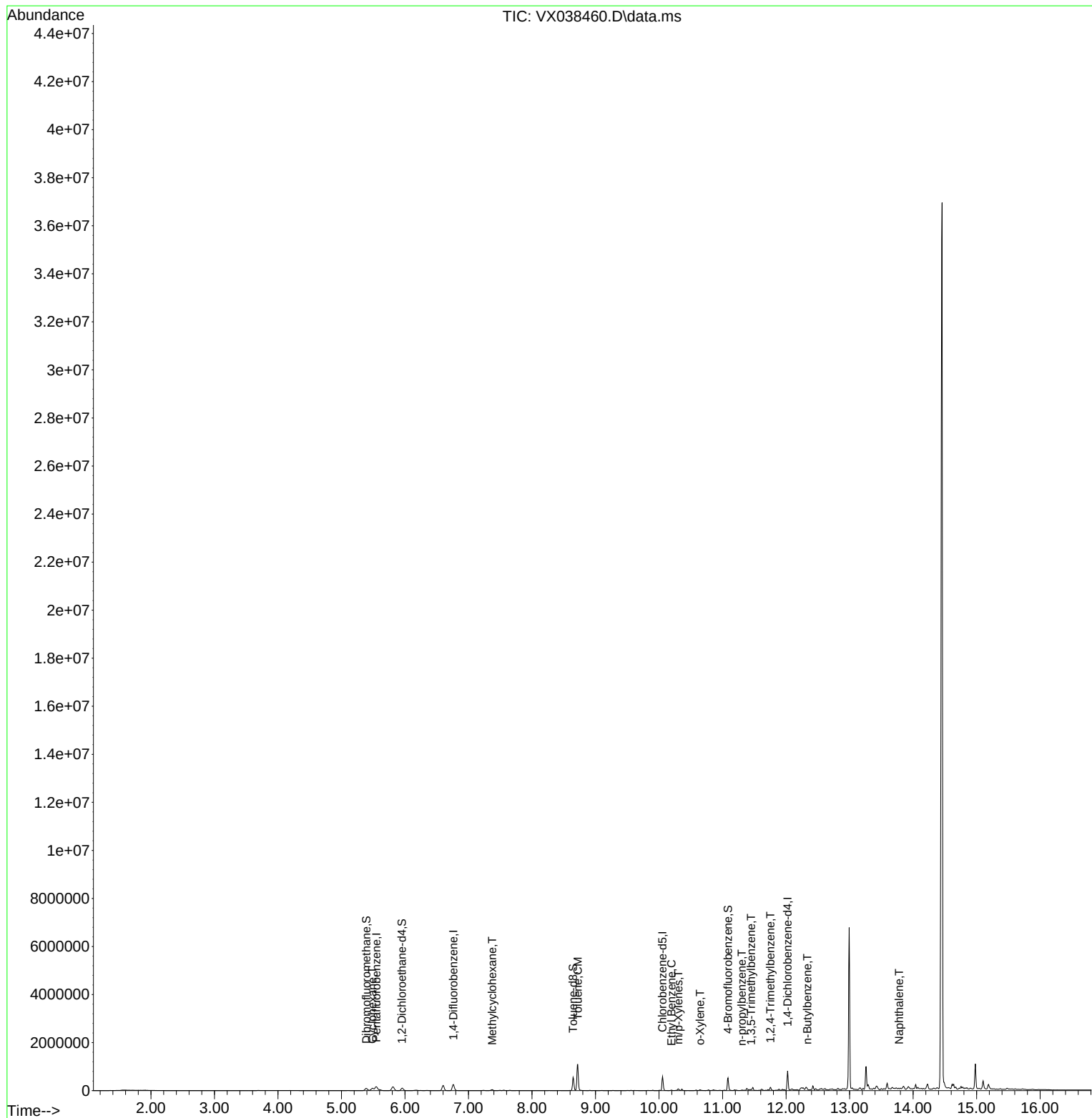
Internal Standards						
1) Pentafluorobenzene	5.550	168	163202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102808	39.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.320%
35) Dibromofluoromethane	5.391	113	84796	41.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.860%
50) Toluene-d8	8.647	98	342323	43.772	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.540%#
62) 4-Bromofluorobenzene	11.085	95	138884	46.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.483	56	29037	10.210	ug/l #	51
39) Methylcyclohexane	7.373	83	18671	5.648	ug/l	95
52) Toluene	8.720	92	440863	85.738	ug/l	94
67) Ethyl Benzene	10.195	91	12806	1.209	ug/l	95
68) m/p-Xylenes	10.305	106	16962	4.140	ug/l	99
69) o-Xylene	10.647	106	8018	2.005	ug/l	100
78) n-propylbenzene	11.305	91	16026	1.194	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	15393	1.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	54498	5.772	ug/l	94
89) n-Butylbenzene	12.335	91	17771	1.804	ug/l #	49
95) Naphthalene	13.780	128	18413	1.524	ug/l #	92

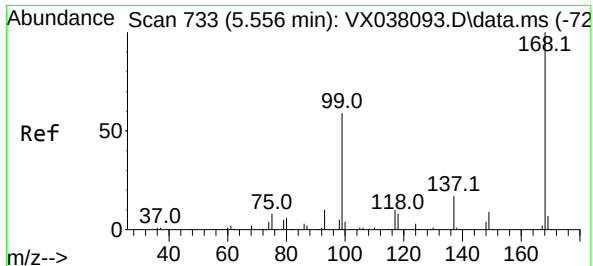
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
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Instrument :
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Quant Time: Oct 25 06:10:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

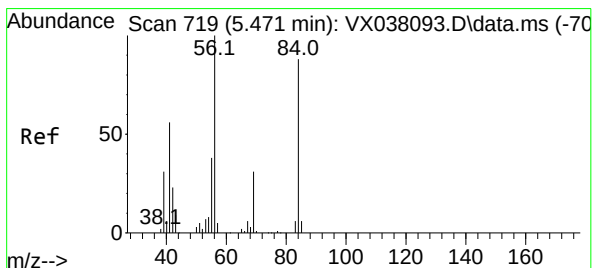
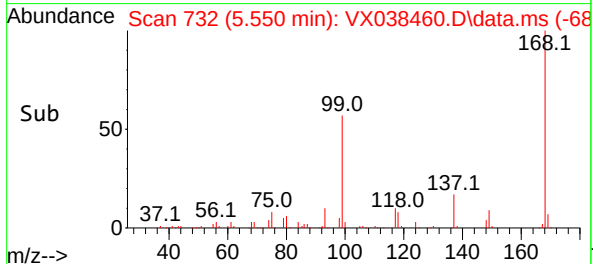
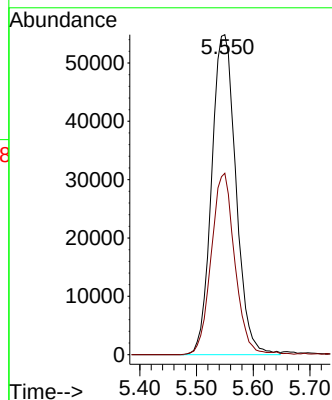
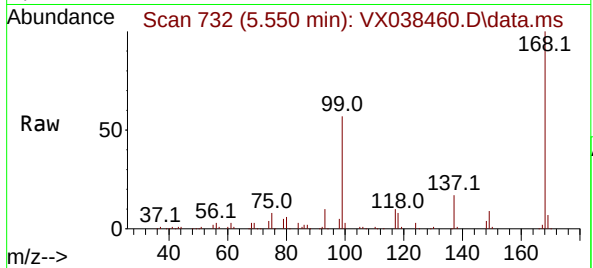




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

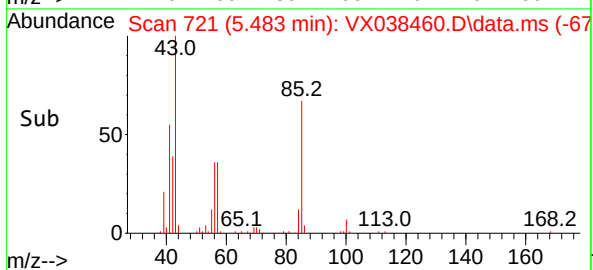
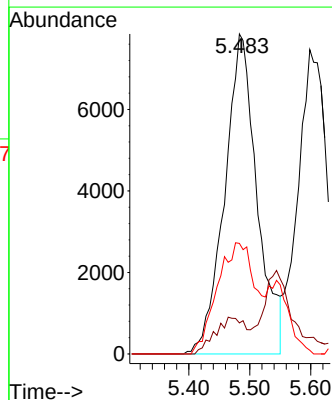
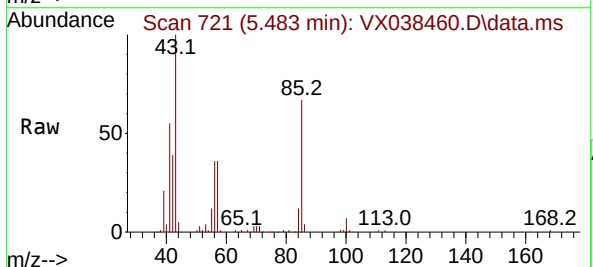
Instrument :
MSVOA_X
ClientSampleId :
61

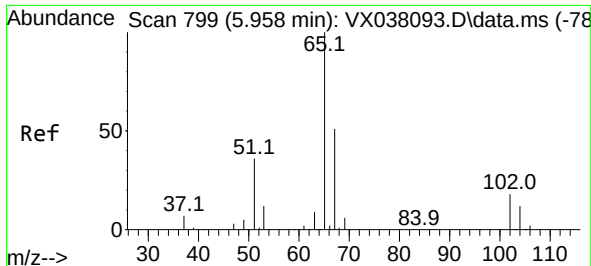
Tgt Ion:168 Resp: 163202
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#31
Cyclohexane
Concen: 10.210 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Tgt Ion: 56 Resp: 29037
Ion Ratio Lower Upper
56 100
69 9.7 23.4 35.2#
84 34.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.165 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038460.D

Acq: 24 Oct 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

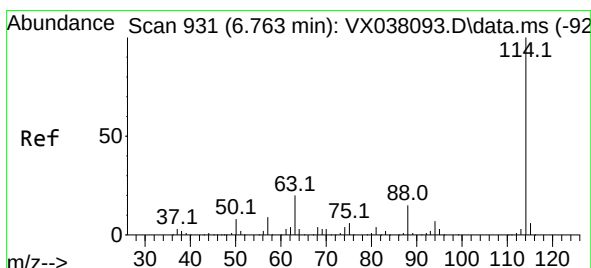
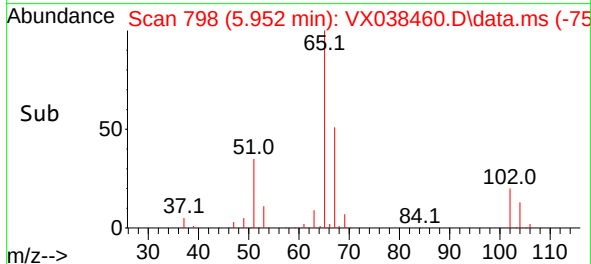
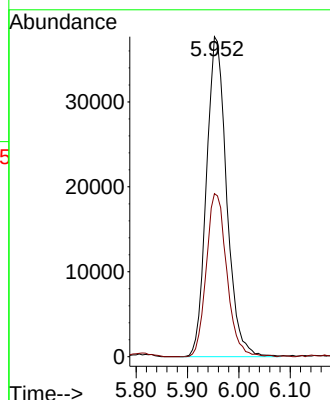
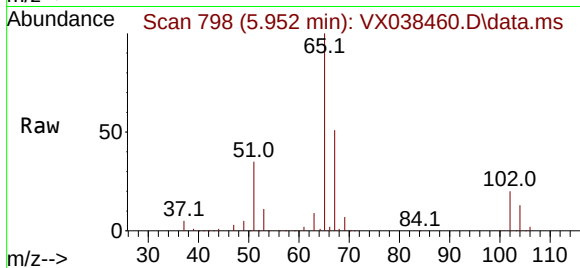
61

Tgt Ion: 65 Resp: 102808

Ion Ratio Lower Upper

65 100

67 51.7 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: VX038460.D

Acq: 24 Oct 2023 17:04

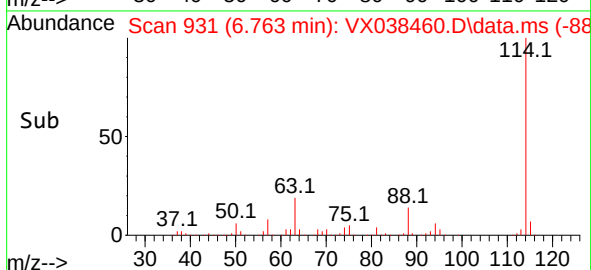
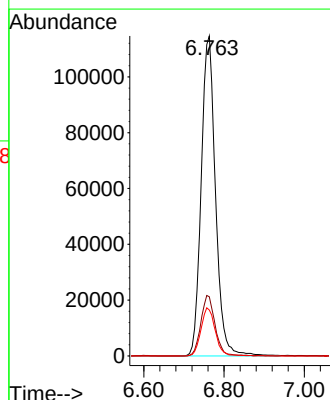
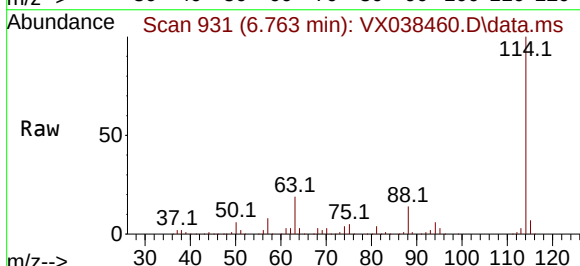
Tgt Ion: 114 Resp: 284030

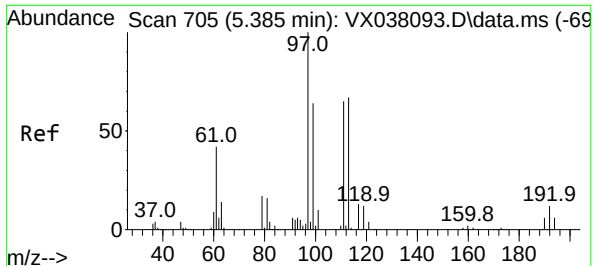
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 14.4 0.0 36.6

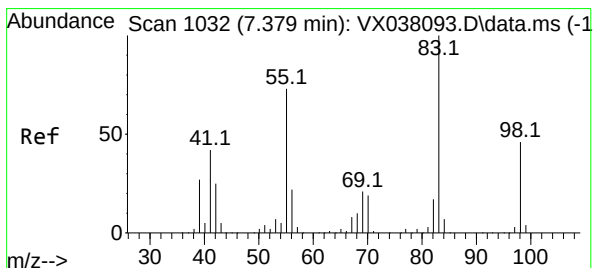
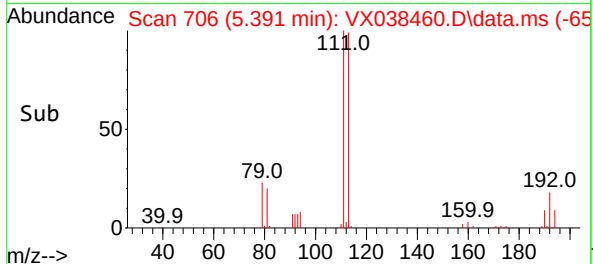
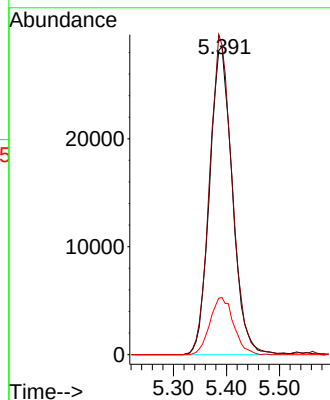
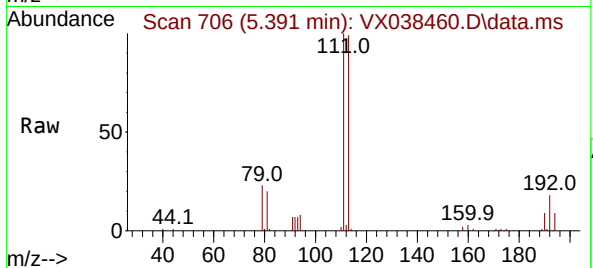




#35
Dibromofluoromethane
Concen: 41.432 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

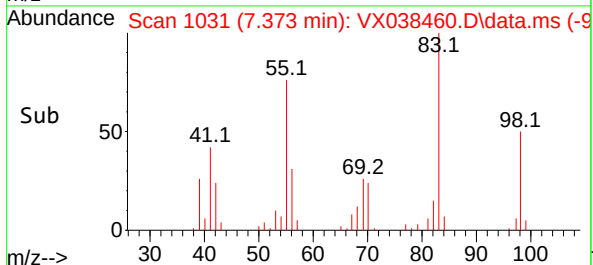
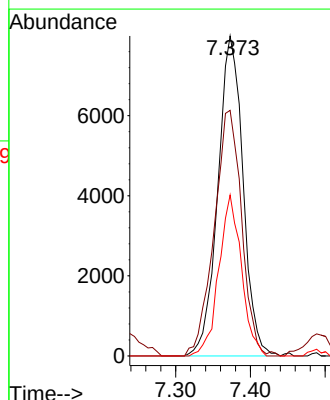
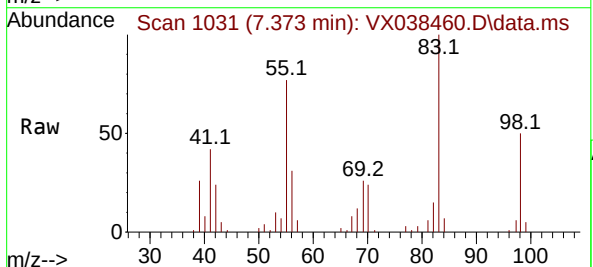
Instrument :
MSVOA_X
ClientSampleId :
61

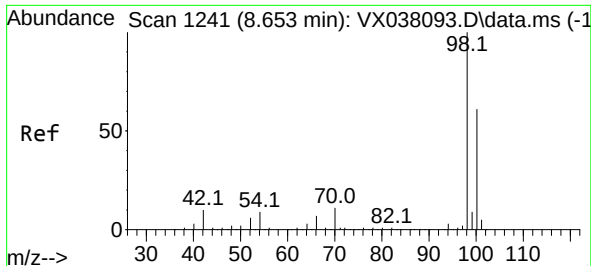
Tgt Ion:113 Resp: 84796
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.3 13.3 19.9



#39
Methylcyclohexane
Concen: 5.648 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Tgt Ion: 83 Resp: 18671
Ion Ratio Lower Upper
83 100
55 76.8 64.6 97.0
98 50.3 36.7 55.1

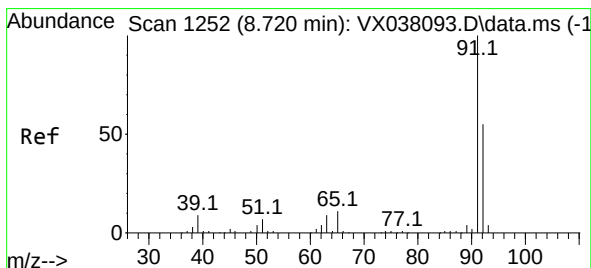
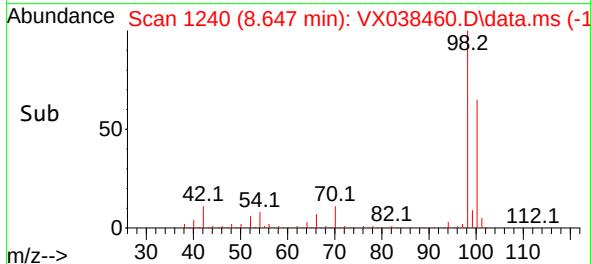
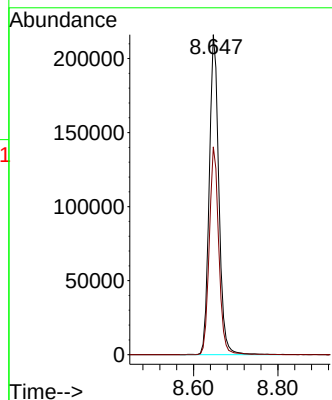
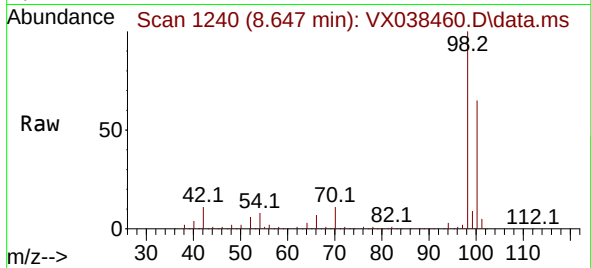




#50
Toluene-d8
Concen: 43.772 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

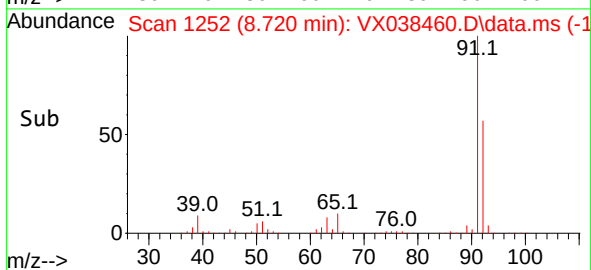
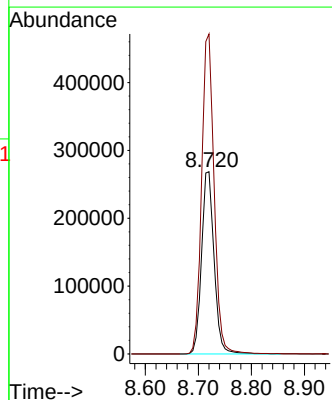
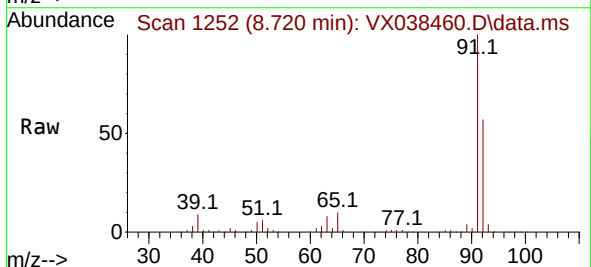
Instrument :
MSVOA_X
ClientSampleId :
61

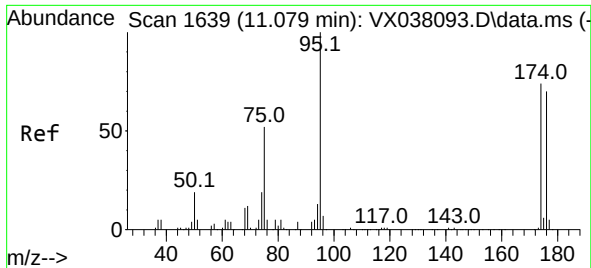
Tgt Ion: 98 Resp: 342323
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#52
Toluene
Concen: 85.738 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Tgt Ion: 92 Resp: 440863
Ion Ratio Lower Upper
92 100
91 175.5 134.2 201.2

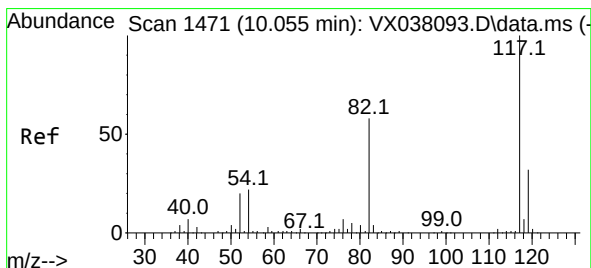
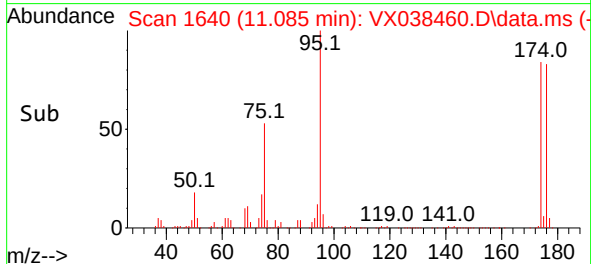
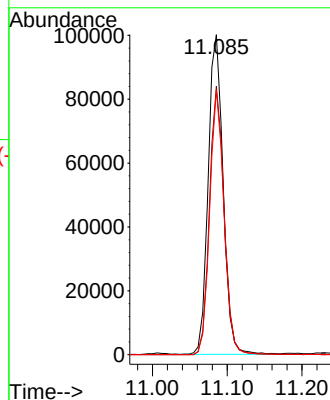
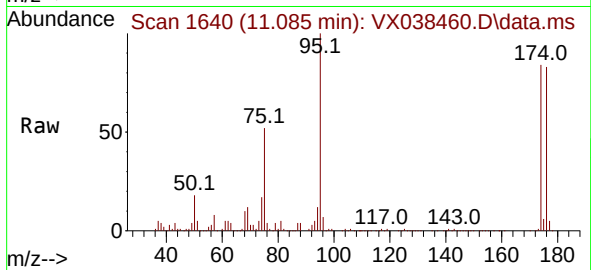




#62
4-Bromofluorobenzene
Concen: 46.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

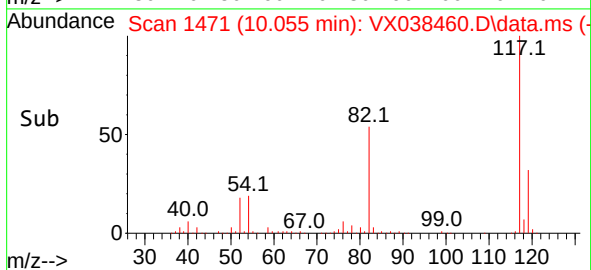
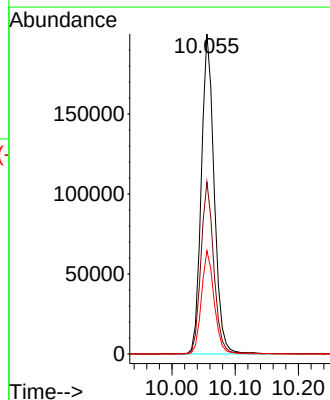
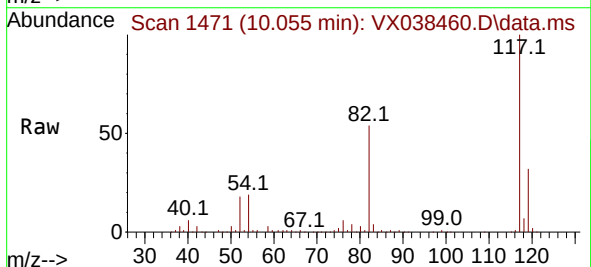
Instrument :
MSVOA_X
ClientSampleId :
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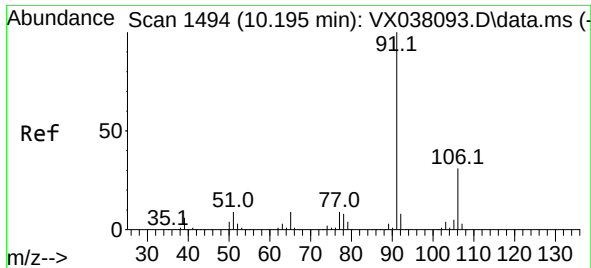
Tgt Ion: 95 Resp: 138884
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Tgt Ion: 117 Resp: 283673
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.2 25.5 38.3





#67

Ethyl Benzene

Concen: 1.209 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038460.D

Acq: 24 Oct 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

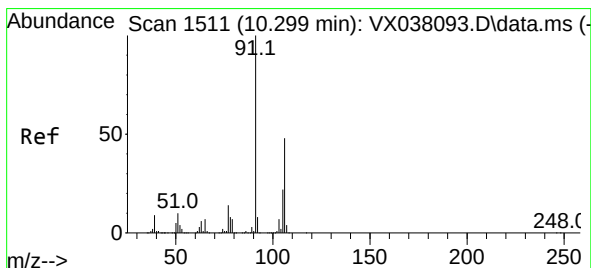
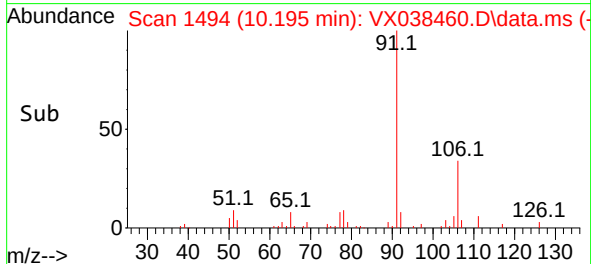
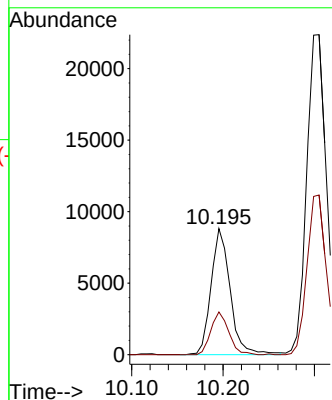
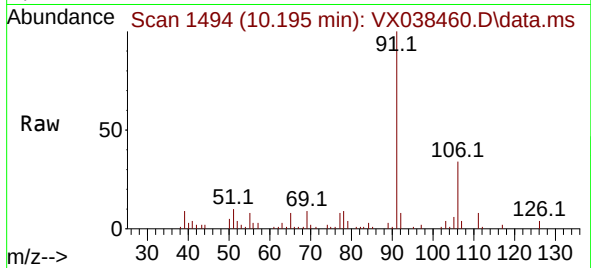
61

Tgt Ion: 91 Resp: 12806

Ion Ratio Lower Upper

91 100

106 33.9 24.9 37.3



#68

m/p-Xylenes

Concen: 4.140 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX038460.D

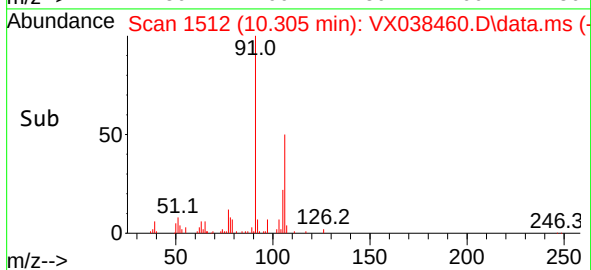
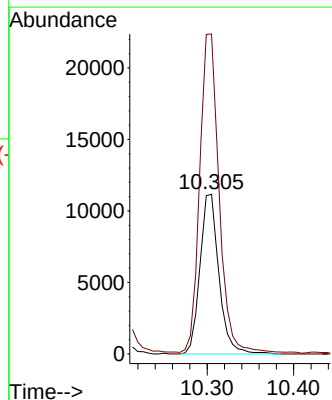
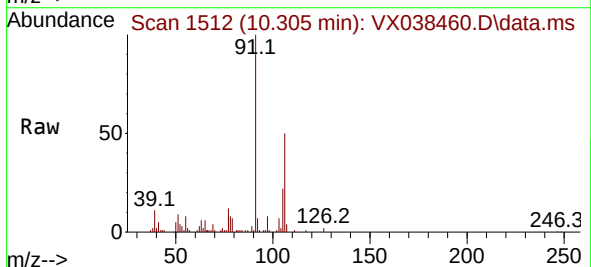
Acq: 24 Oct 2023 17:04

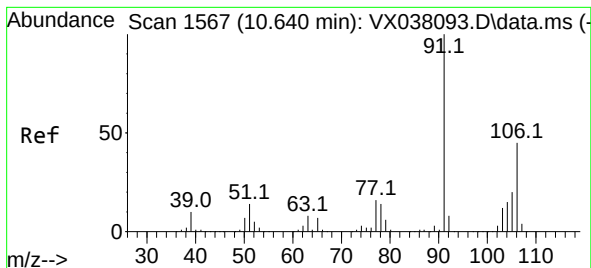
Tgt Ion: 106 Resp: 16962

Ion Ratio Lower Upper

106 100

91 205.9 165.5 248.3





#69

o-Xylene

Concen: 2.005 ug/l

RT: 10.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038460.D

Acq: 24 Oct 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

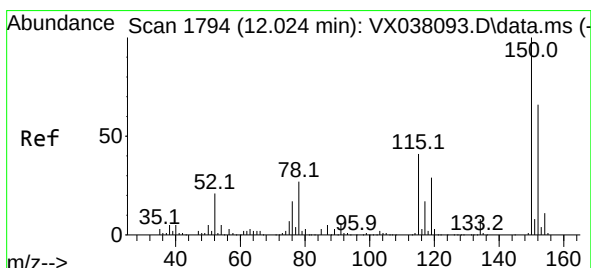
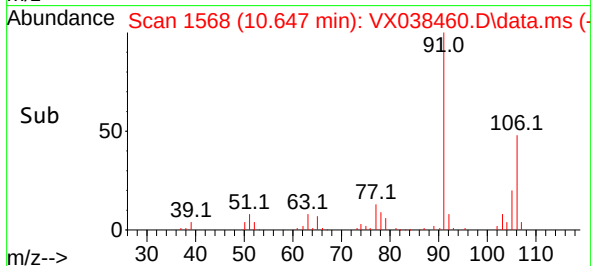
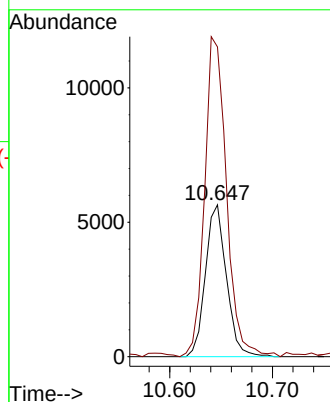
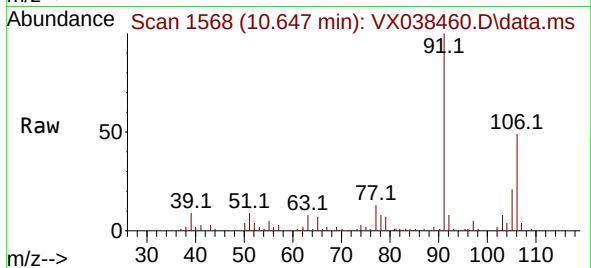
61

Tgt Ion:106 Resp: 8018

Ion Ratio Lower Upper

106 100

91 218.6 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038460.D

Acq: 24 Oct 2023 17:04

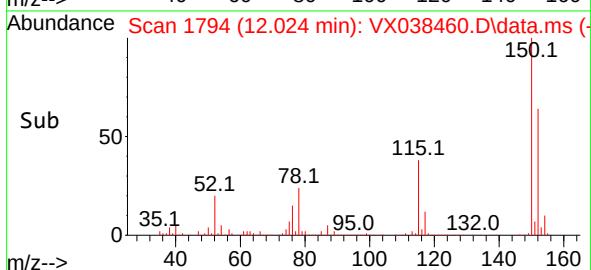
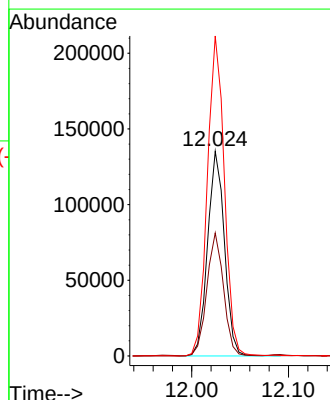
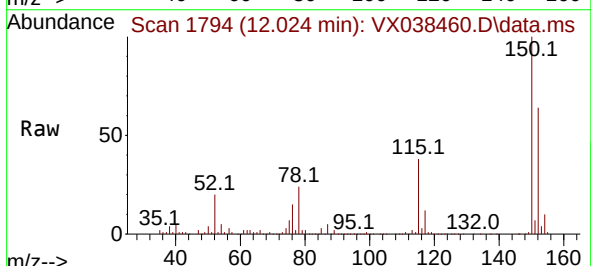
Tgt Ion:152 Resp: 163677

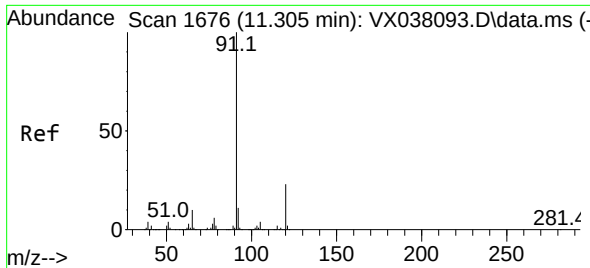
Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 157.6 0.0 345.0

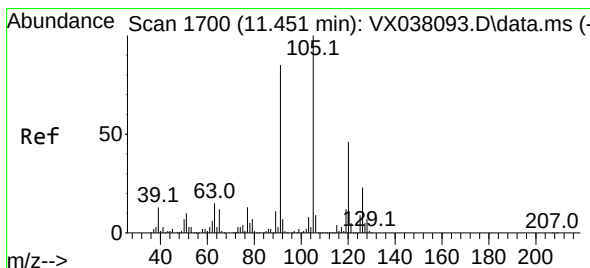
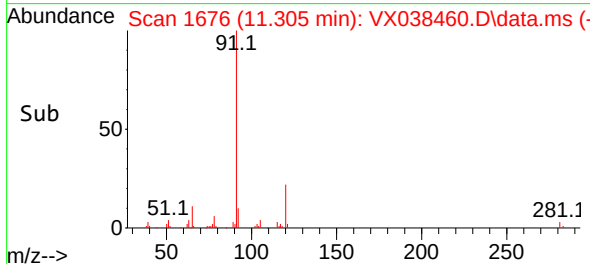
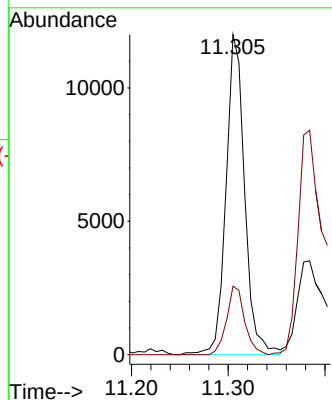
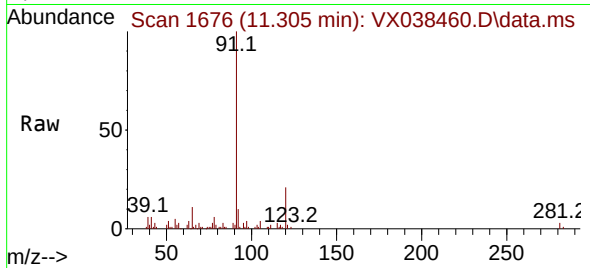




#78
n-propylbenzene
Concen: 1.194 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

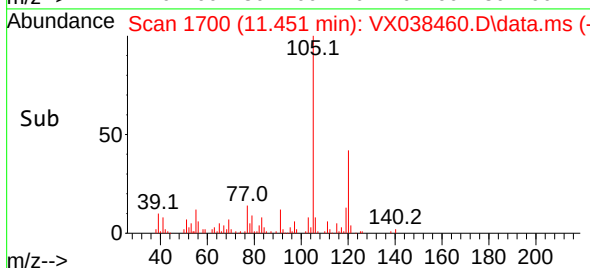
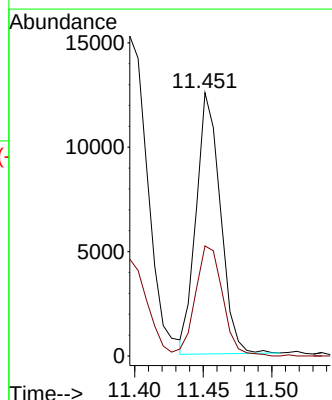
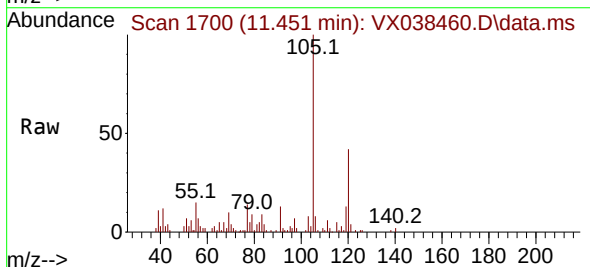
Instrument :
MSVOA_X
ClientSampleId :
61

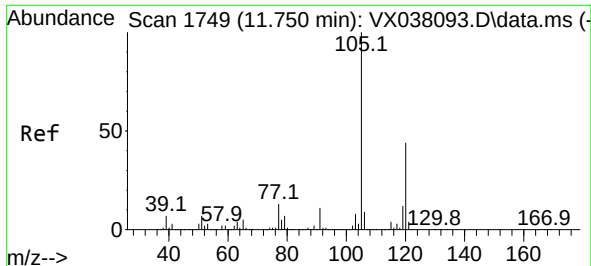
Tgt Ion: 91 Resp: 16026
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 1.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Tgt Ion: 105 Resp: 15393
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

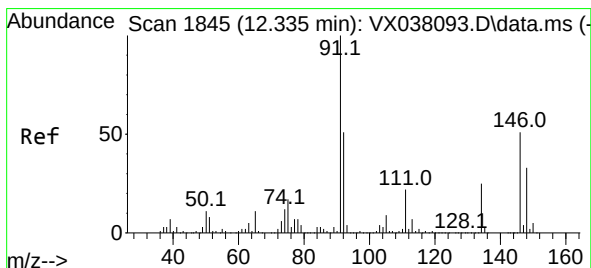
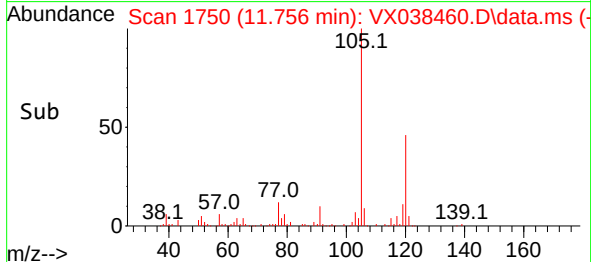
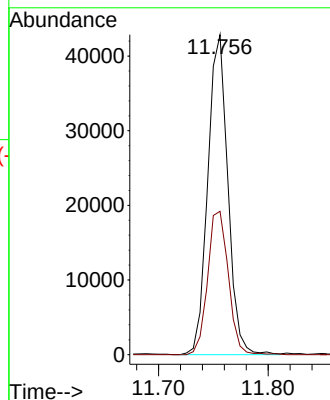
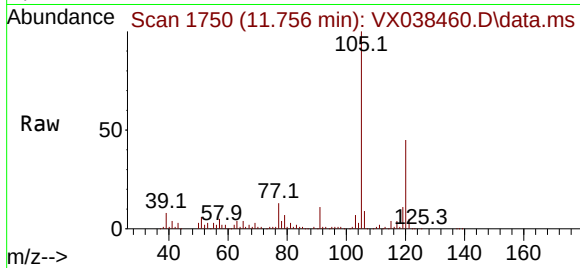




#84
1,2,4-Trimethylbenzene
Concen: 5.772 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

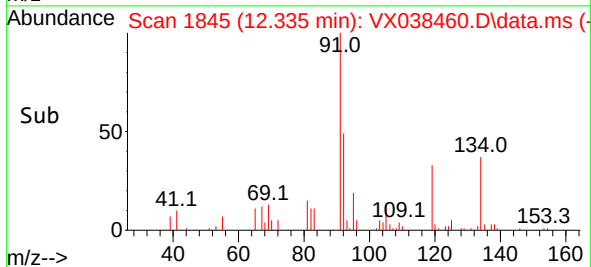
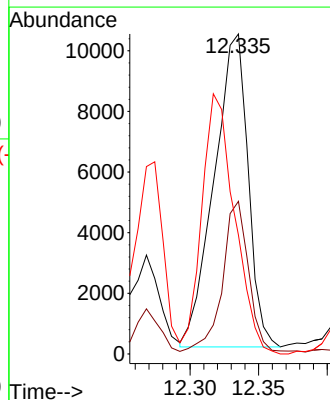
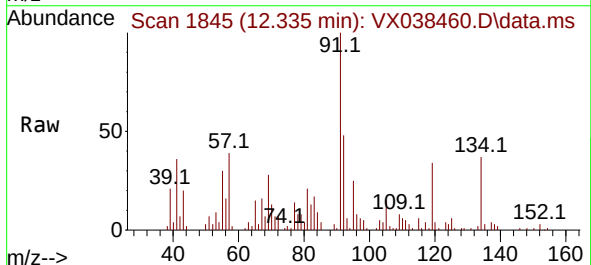
Instrument :
MSVOA_X
ClientSampleId :
61

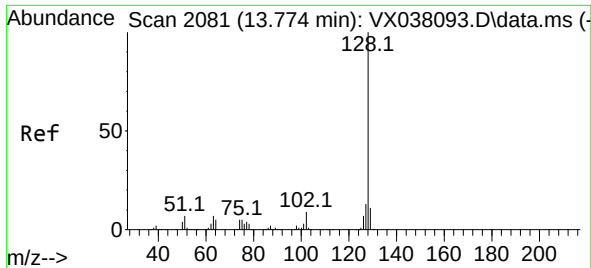
Tgt Ion:105 Resp: 54498
Ion Ratio Lower Upper
105 100
120 46.3 21.2 63.6



#89
n-Butylbenzene
Concen: 1.804 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

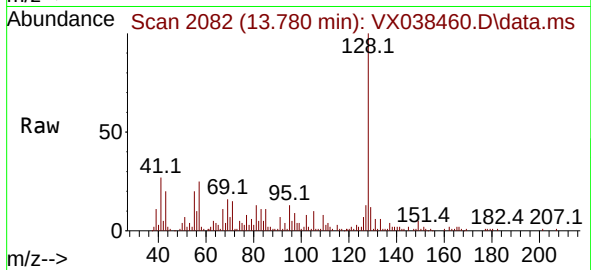
Tgt Ion: 91 Resp: 17771
Ion Ratio Lower Upper
91 100
92 37.7 27.4 82.0
134 80.2 12.6 37.8#





#95
Naphthalene
Concen: 1.524 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038460.D
Acq: 24 Oct 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
61



Tgt Ion:128 Resp: 18413
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 16.1 8.8 13.2#

