

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037463.D
 Acq On : 01 Sep 2023 14:32
 Operator : JC/MD
 Sample : 04189-02
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-06(16-18)

Quant Time: Sep 01 15:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

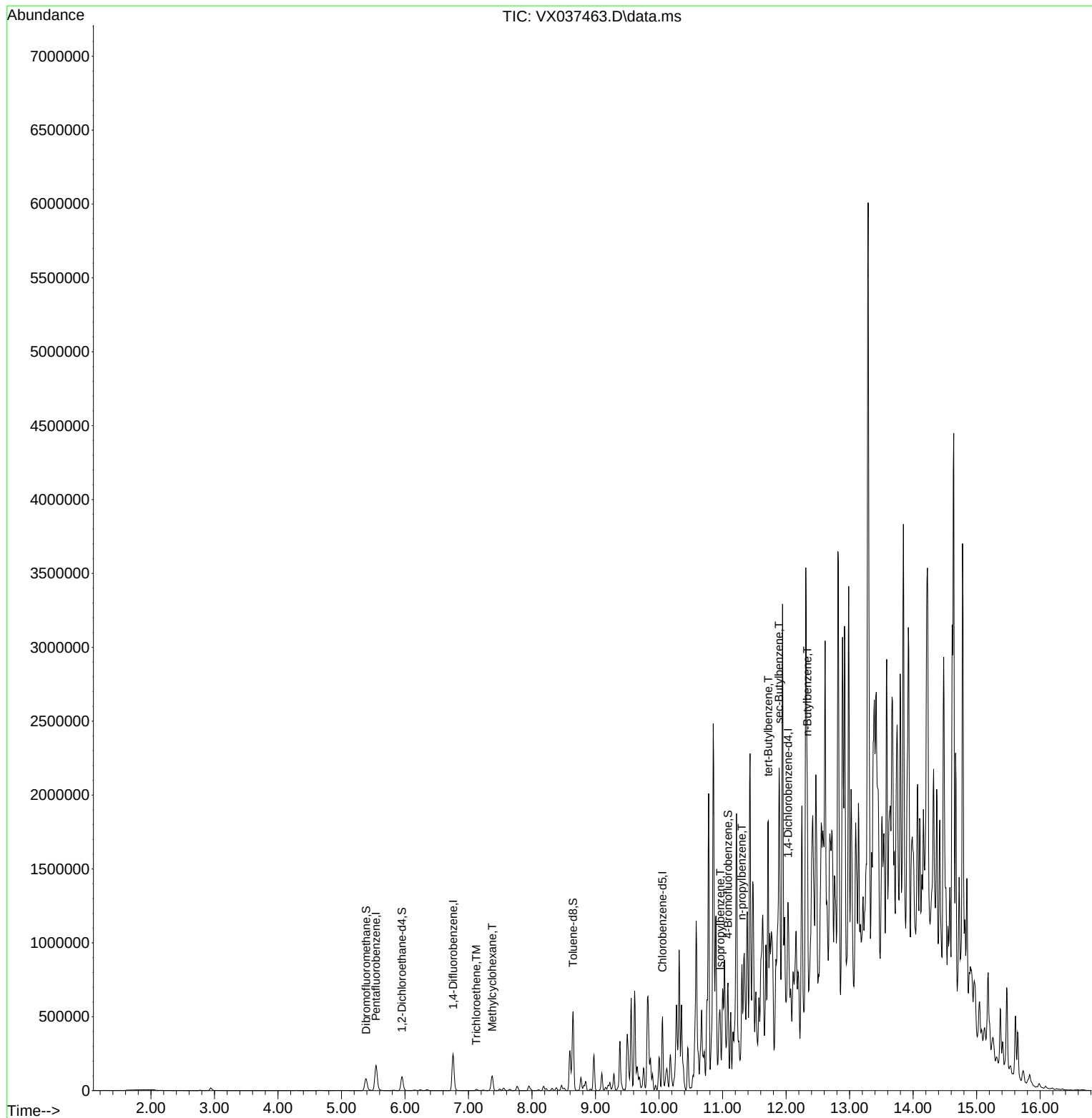
Internal Standards						
1) Pentafluorobenzene	5.544	168	161188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	111080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92745	39.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.820%
35) Dibromofluoromethane	5.385	113	73355	41.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.460%
50) Toluene-d8	8.647	98	310847	48.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.085	95	126007	50.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.560%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	48275	18.397	ug/l	93
44) Trichloroethene	7.123	130	3510	1.728	ug/l	93
73) Isopropylbenzene	10.963	105	159621	19.770	ug/l	99
78) n-propylbenzene	11.305	91	400955	44.598	ug/l	100
83) tert-Butylbenzene	11.719	119	30516	4.751	ug/l #	59
85) sec-Butylbenzene	11.890	105	393125	52.399	ug/l #	78
89) n-Butylbenzene	12.335	91	386195	72.124	ug/l	86

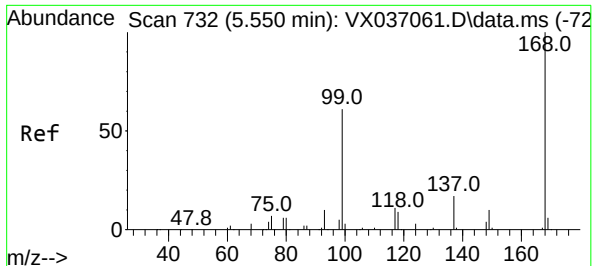
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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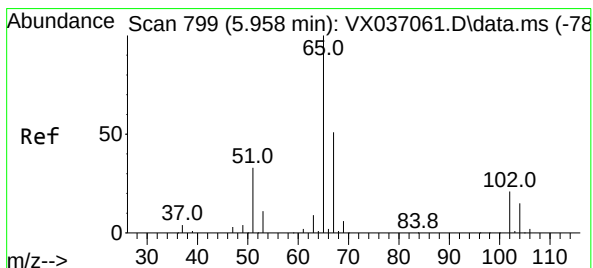
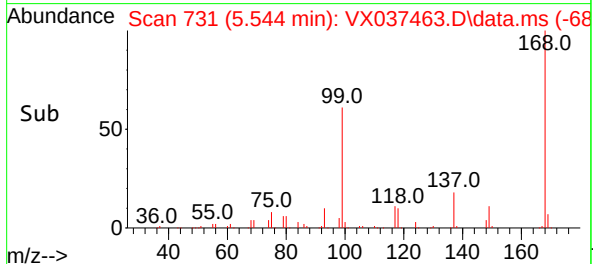
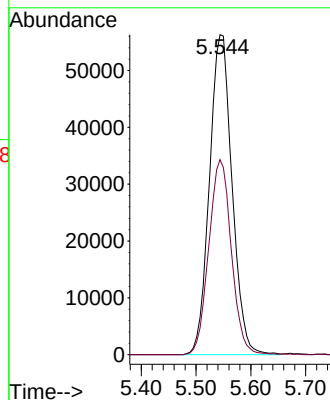
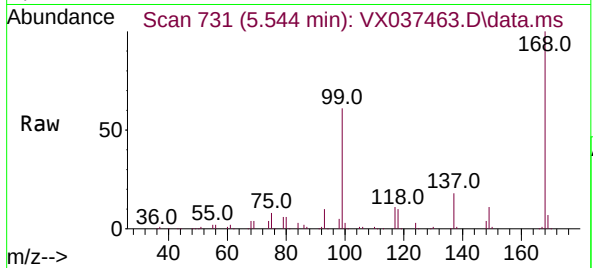




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

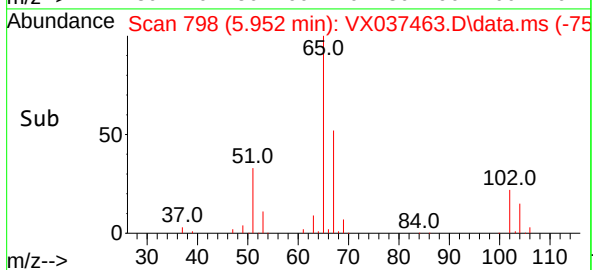
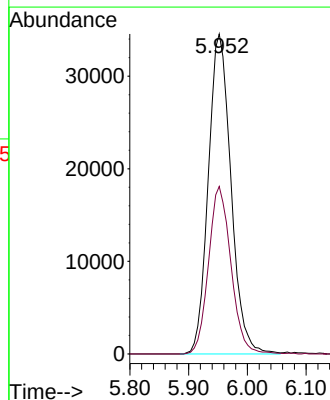
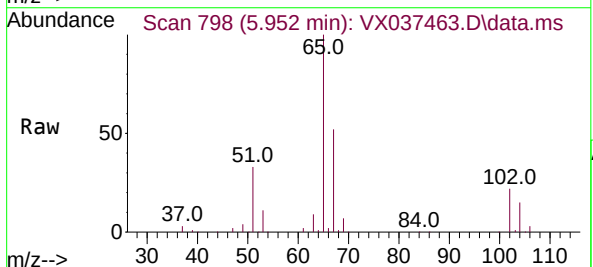
Instrument :
MSVOA_X
ClientSampleId :
SB-06(16-18)

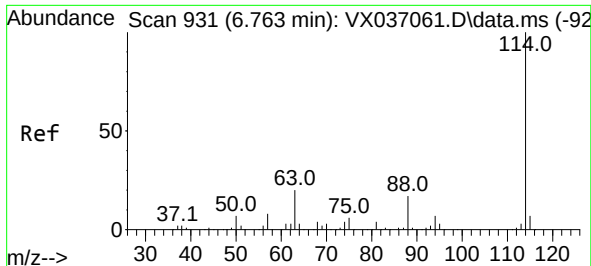
Tgt Ion:168 Resp: 161188
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 39.911 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

Tgt Ion: 65 Resp: 92745
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

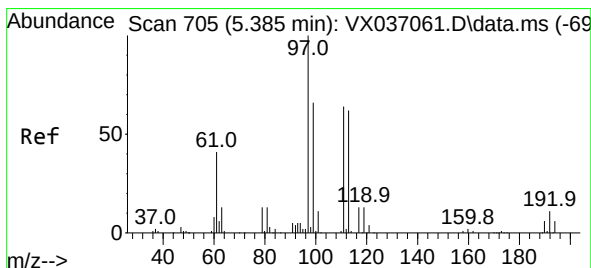
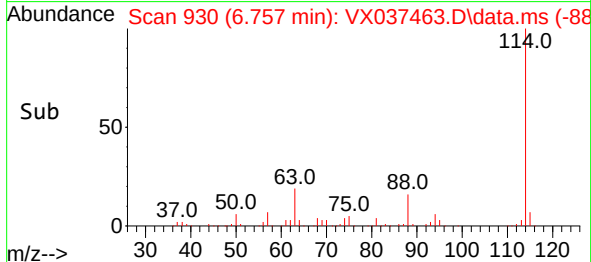
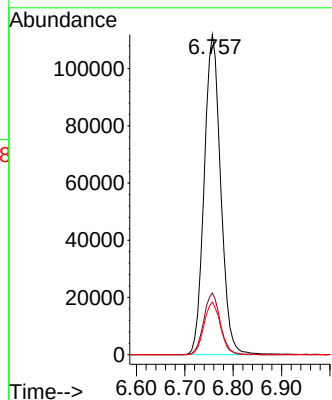
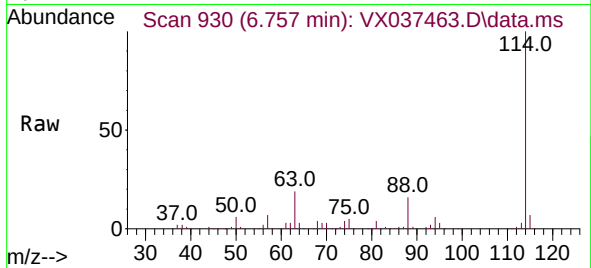




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

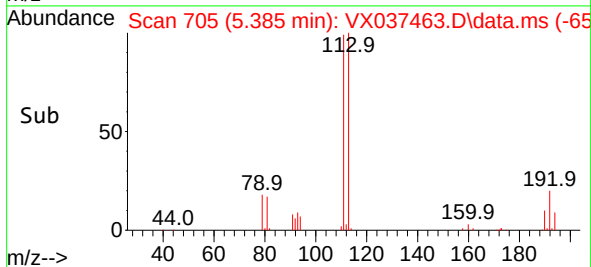
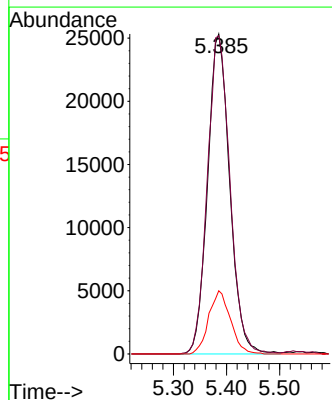
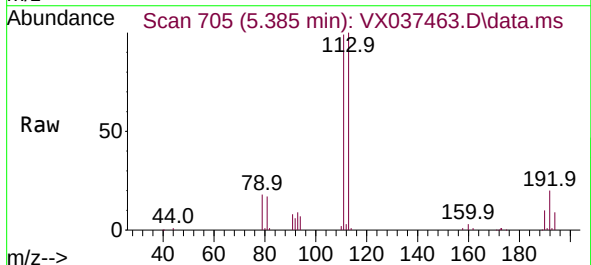
Instrument :
MSVOA_X
ClientSampleId :
SB-06(16-18)

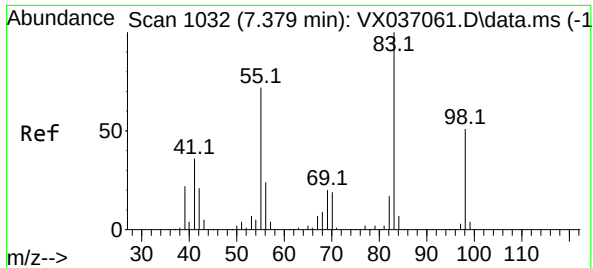
Tgt Ion:114 Resp: 265446
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 41.727 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

Tgt Ion:113 Resp: 73355
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.4 13.3 19.9





#39

Methylcyclohexane

Concen: 18.397 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037463.D

Acq: 01 Sep 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

SB-06(16-18)

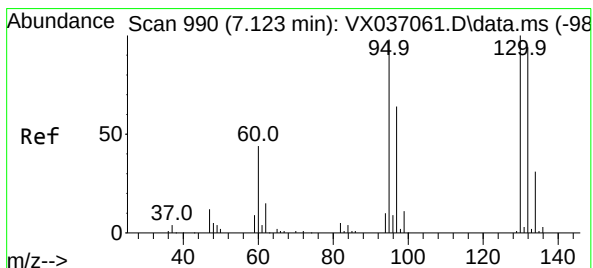
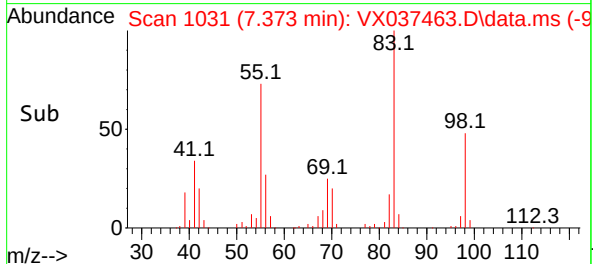
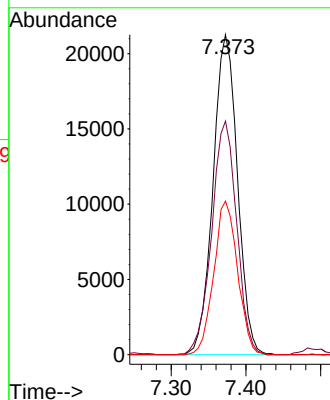
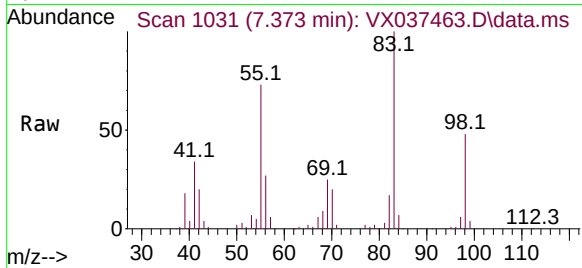
Tgt Ion: 83 Resp: 48275

Ion Ratio Lower Upper

83 100

55 73.0 64.6 97.0

98 48.0 36.7 55.1



#44

Trichloroethene

Concen: 1.728 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037463.D

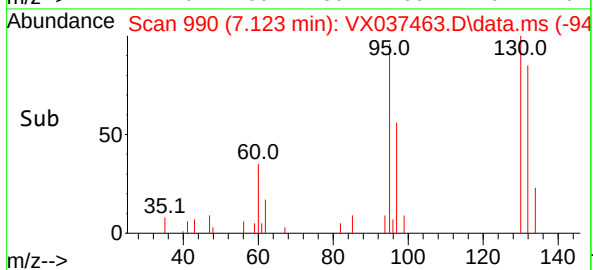
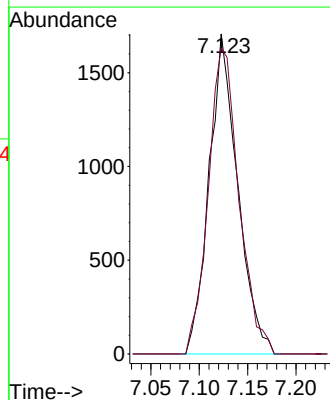
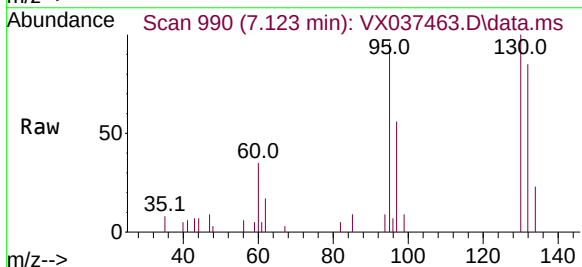
Acq: 01 Sep 2023 14:32

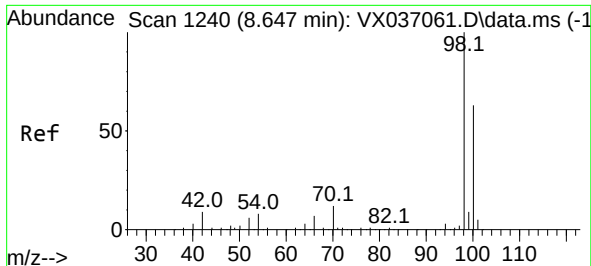
Tgt Ion:130 Resp: 3510

Ion Ratio Lower Upper

130 100

95 95.5 0.0 204.4

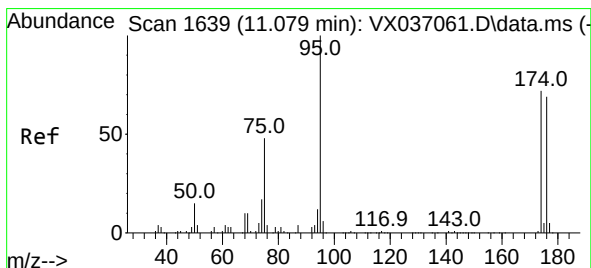
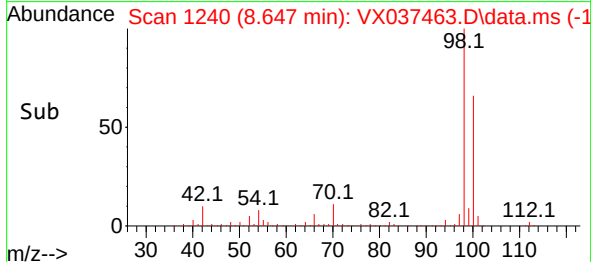
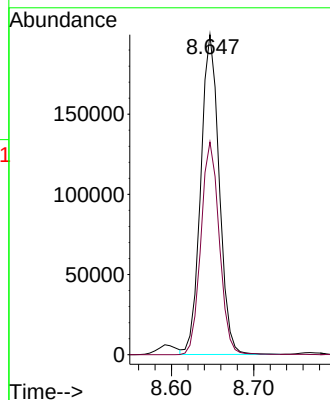
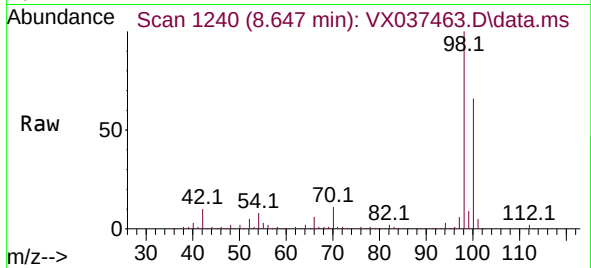




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

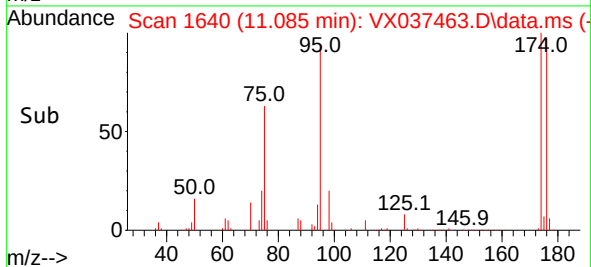
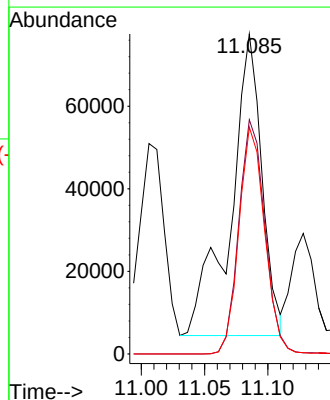
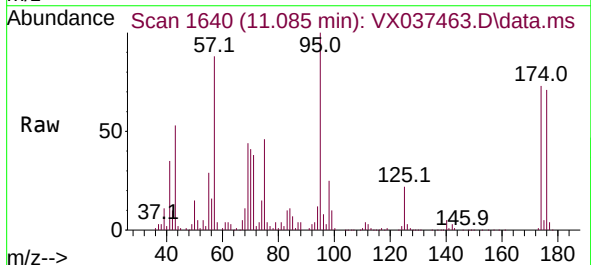
Instrument :
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ClientSampleId :
SB-06(16-18)

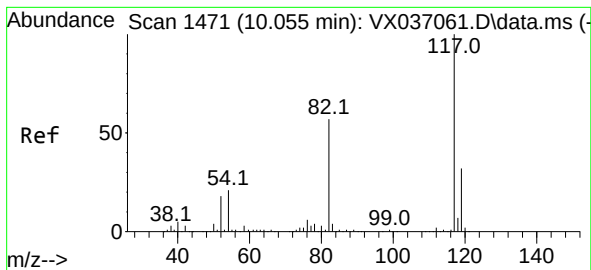
Tgt Ion: 98 Resp: 310847
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.282 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

Tgt Ion: 95 Resp: 126007
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 62.1 0.0 131.0

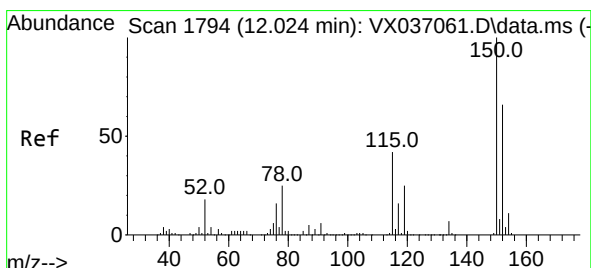
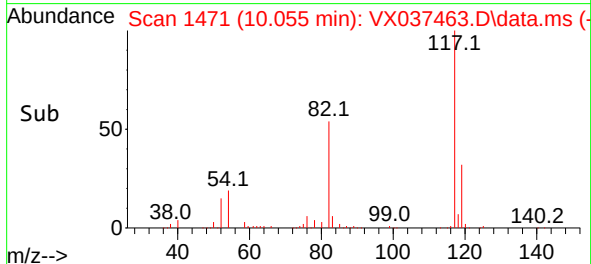
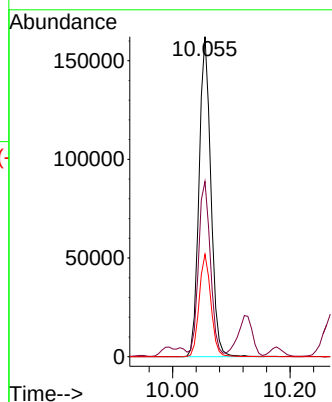
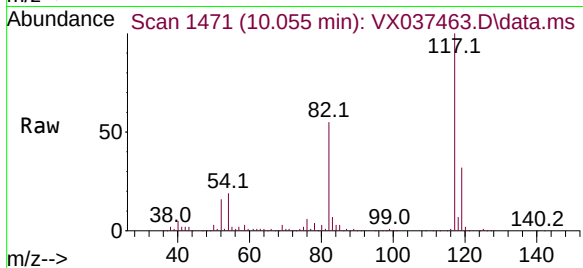




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

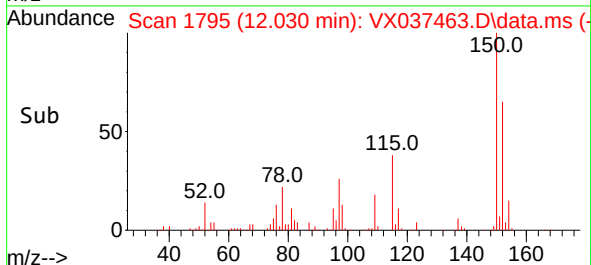
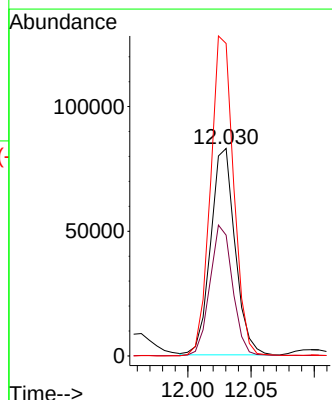
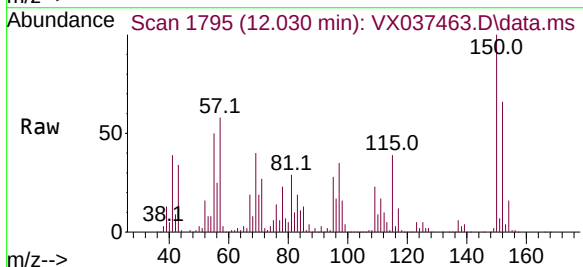
Instrument :
MSVOA_X
ClientSampleId :
SB-06(16-18)

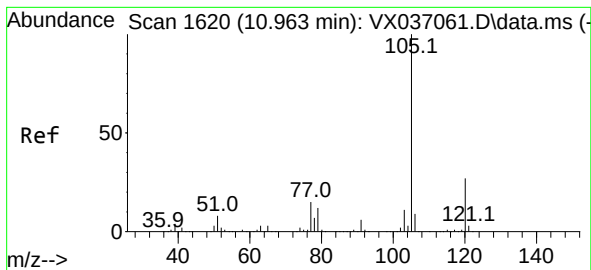
Tgt Ion:117 Resp: 225783
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX037463.D
Acq: 01 Sep 2023 14:32

Tgt Ion:152 Resp: 111080
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 147.9 0.0 345.0





#73

Isopropylbenzene

Concen: 19.770 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037463.D

Acq: 01 Sep 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

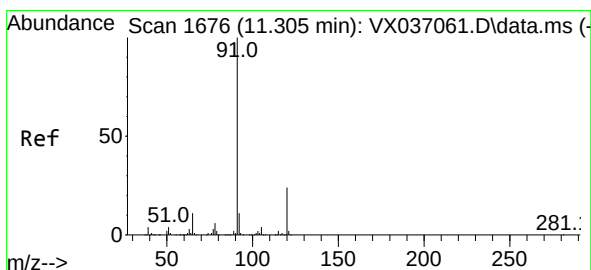
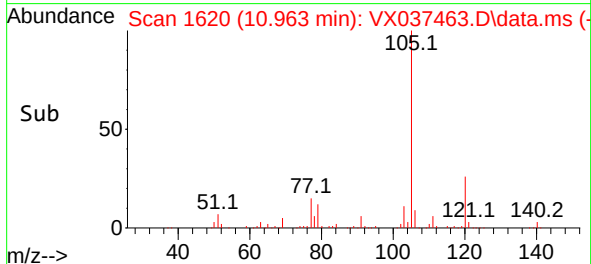
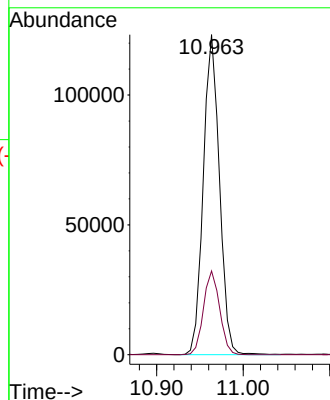
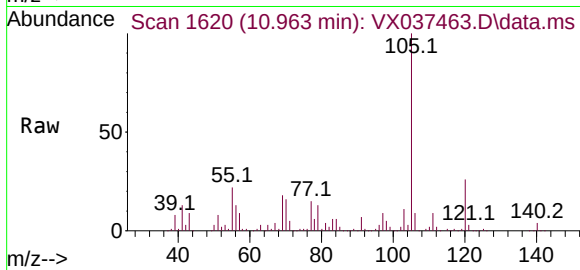
SB-06(16-18)

Tgt Ion:105 Resp: 159621

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#78

n-propylbenzene

Concen: 44.598 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037463.D

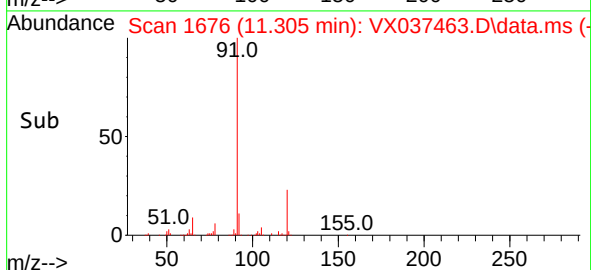
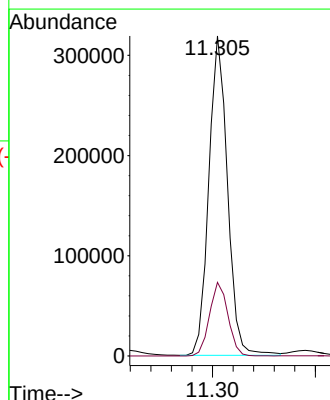
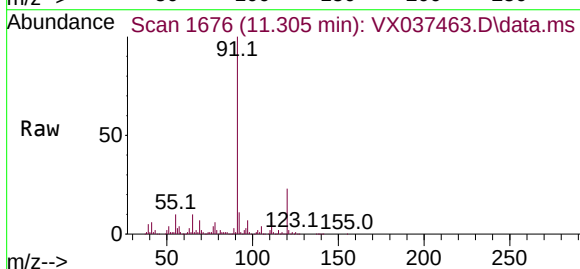
Acq: 01 Sep 2023 14:32

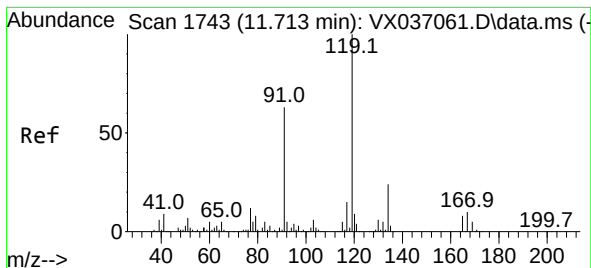
Tgt Ion: 91 Resp: 400955

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#83

tert-Butylbenzene

Concen: 4.751 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX037463.D

Acq: 01 Sep 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

SB-06(16-18)

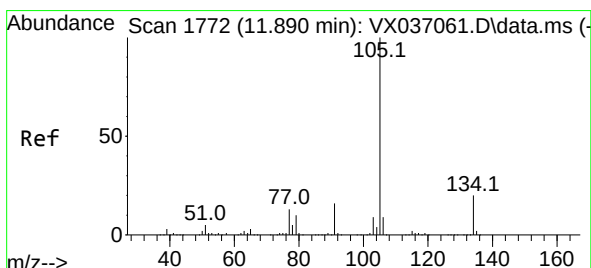
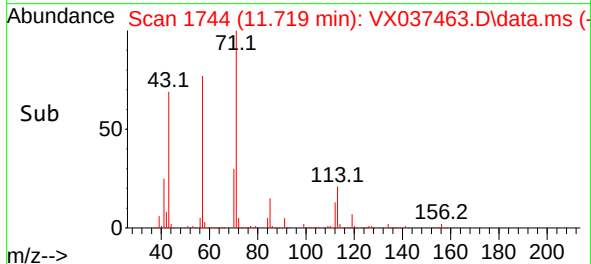
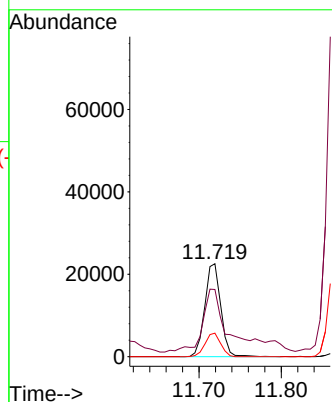
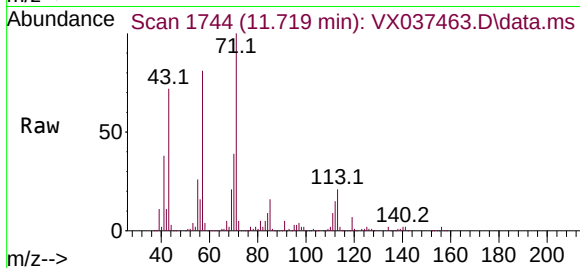
Tgt Ion:119 Resp: 30516

Ion Ratio Lower Upper

119 100

91 105.3 31.2 93.6#

134 24.8 11.7 35.0



#85

sec-Butylbenzene

Concen: 52.399 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037463.D

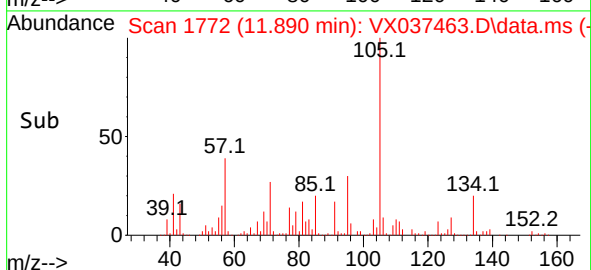
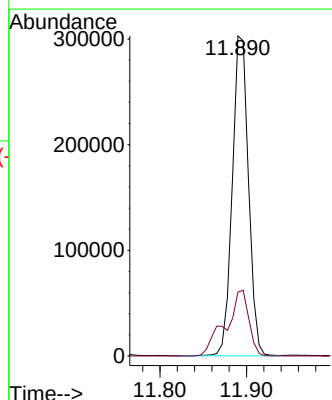
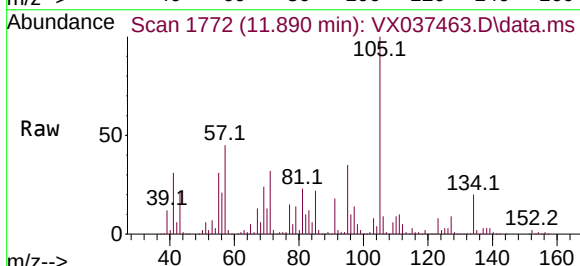
Acq: 01 Sep 2023 14:32

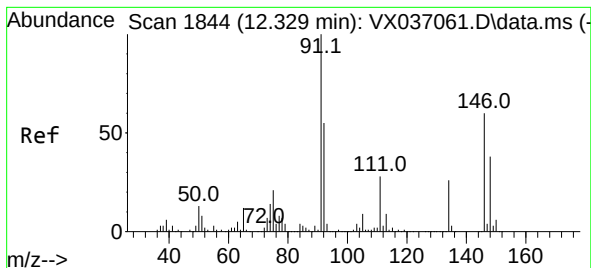
Tgt Ion:105 Resp: 393125

Ion Ratio Lower Upper

105 100

134 29.5 9.8 29.4#





#89
 n-Butylbenzene
 Concen: 72.124 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX037463.D
 Acq: 01 Sep 2023 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-06(16-18)

Tgt Ion: 91 Resp: 386195
 Ion Ratio Lower Upper
 91 100
 92 47.3 27.4 82.0
 134 35.8 12.6 37.8

