

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035441.D
 Acq On : 01 May 2023 15:31
 Operator : JC/MD
 Sample : 02558-01
 Misc : 4.78g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01

Quant Time: May 02 00:01:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

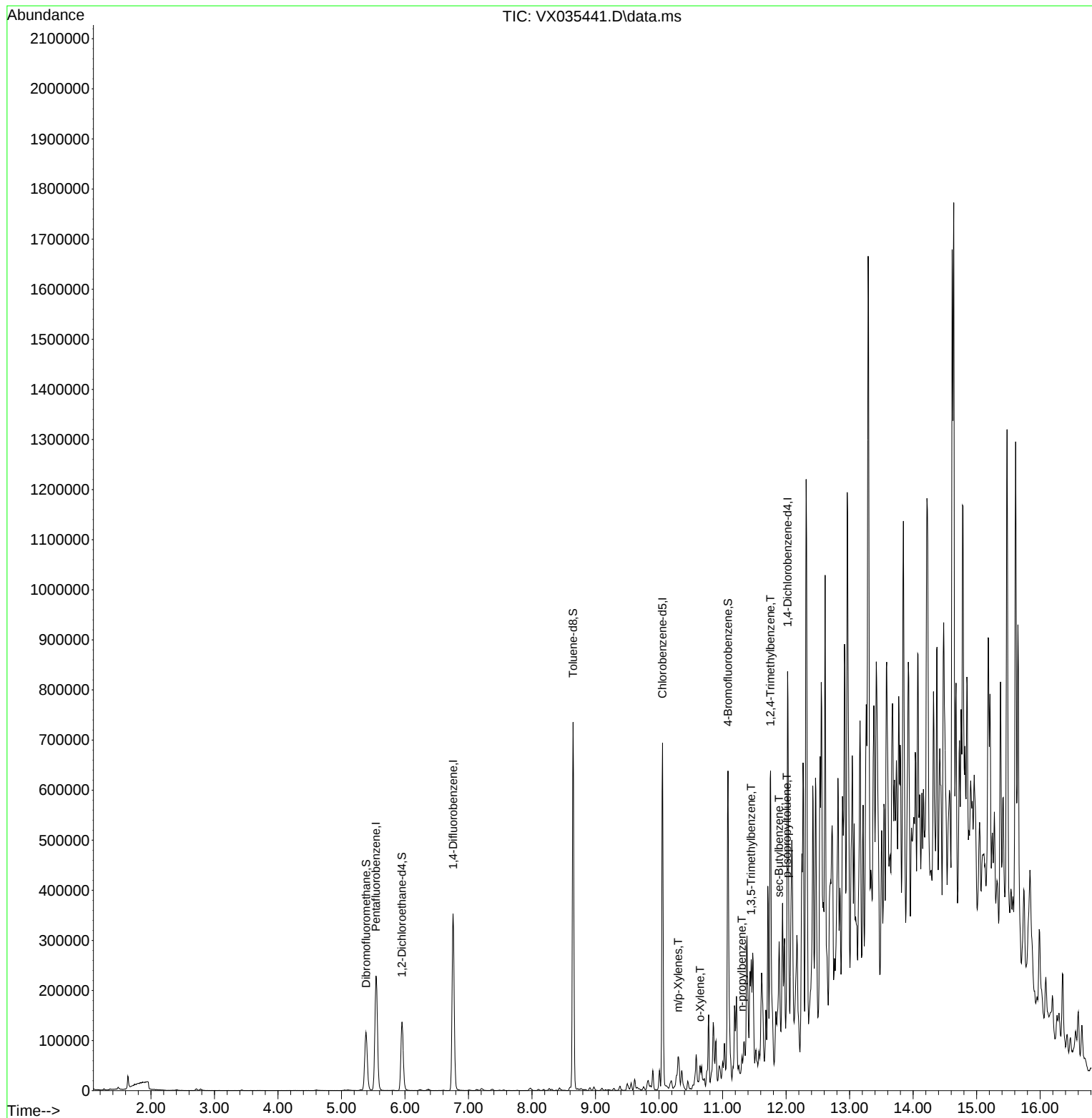
Internal Standards						
1) Pentafluorobenzene	5.544	168	226579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	365870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131866	48.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.385	113	103236	45.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	438671	51.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.560%
62) 4-Bromofluorobenzene	11.085	95	159265	49.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.299	106	12600	2.681	ug/l	98
69) o-Xylene	10.646	106	8129	1.764	ug/l	97
78) n-propylbenzene	11.305	91	24907	1.997	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84164	9.193	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	235013	25.546	ug/l	100
85) sec-Butylbenzene	11.890	105	26193	2.324	ug/l	79
86) p-Isopropyltoluene	12.012	119	28716	2.996	ug/l	99

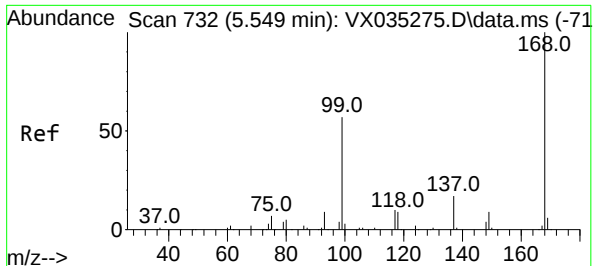
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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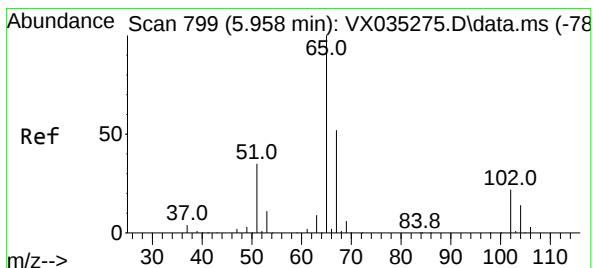
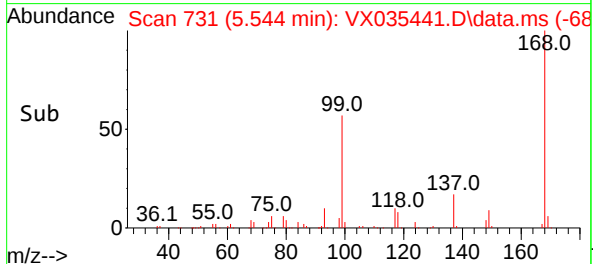
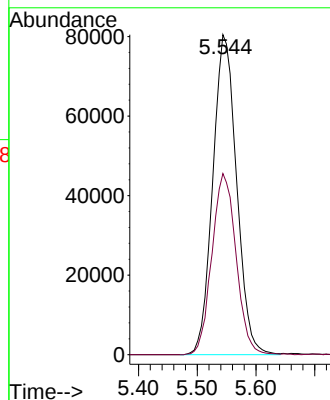
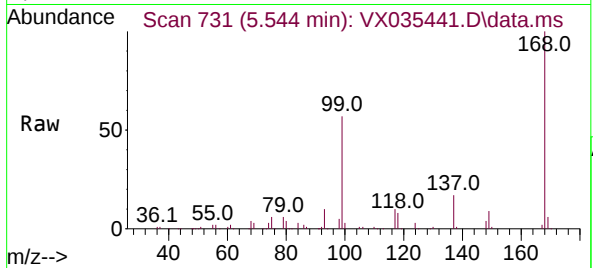




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

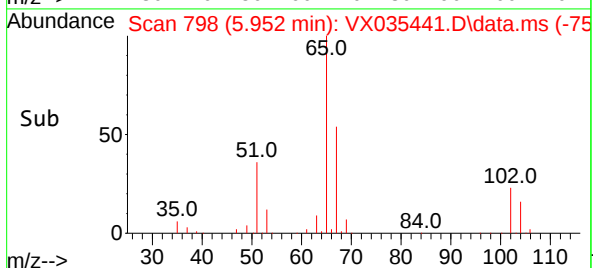
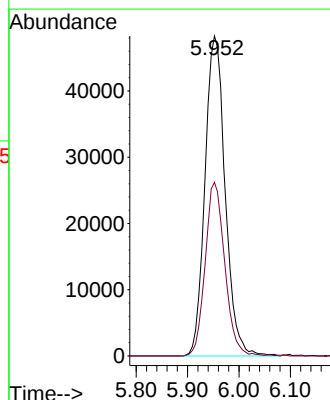
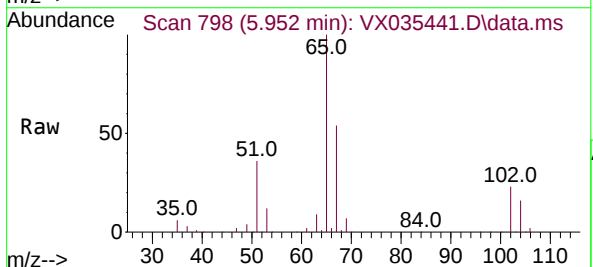
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01

Tgt Ion:168 Resp: 226579
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion: 65 Resp: 131866
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

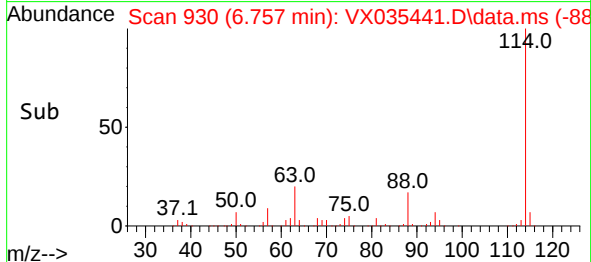
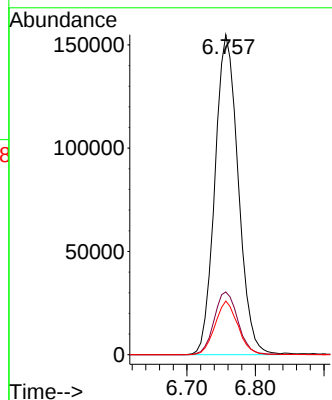
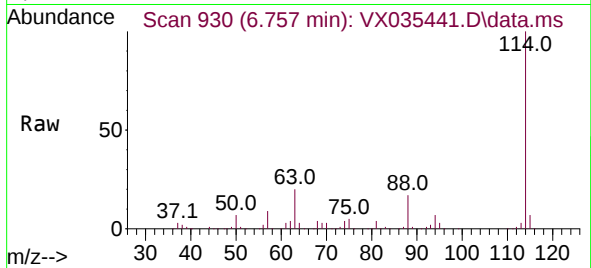




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

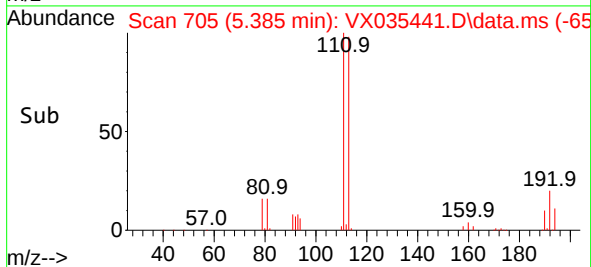
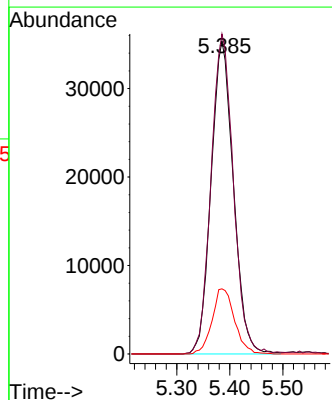
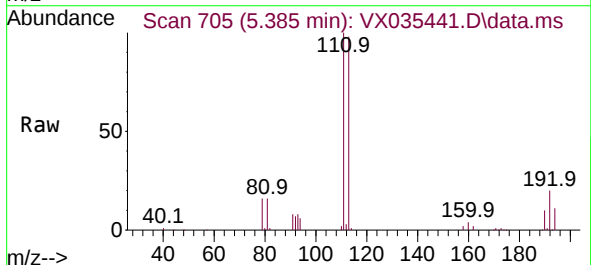
Instrument :
MSVOA_X
ClientSampleId :
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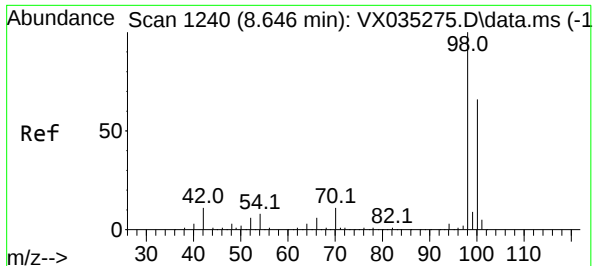
Tgt Ion:114 Resp: 365870
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion:113 Resp: 103236
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 21.0 15.4 23.2

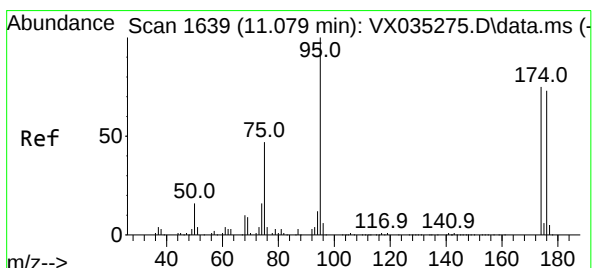
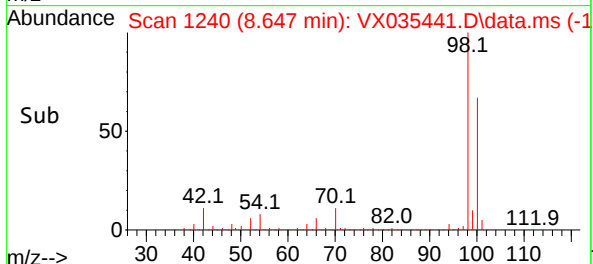
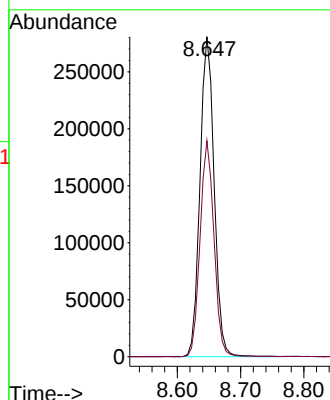
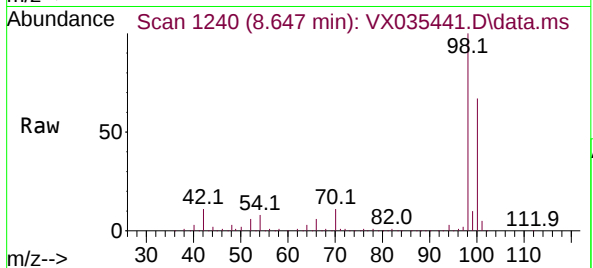




#50
Toluene-d8
Concen: 51.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

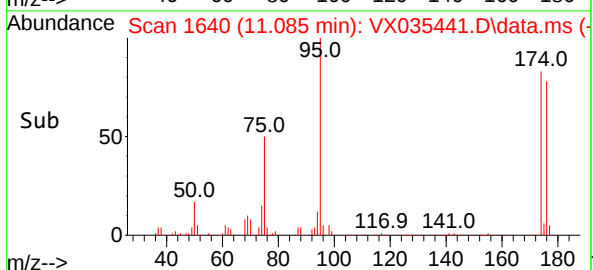
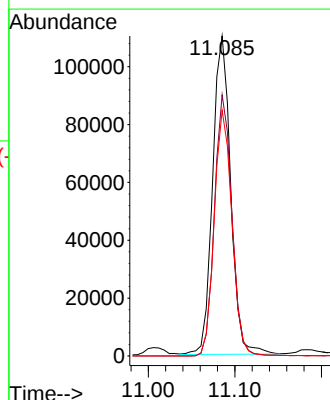
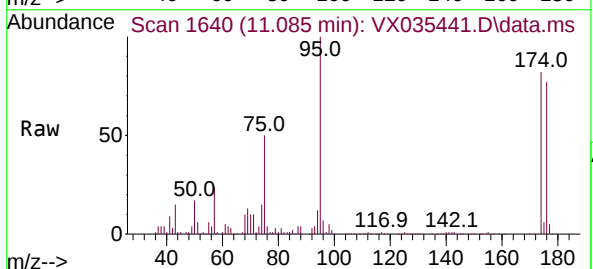
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01

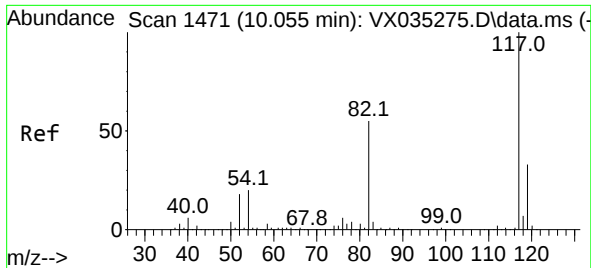
Tgt Ion: 98 Resp: 438671
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion: 95 Resp: 159265
Ion Ratio Lower Upper
95 100
174 79.4 0.0 147.4
176 75.9 0.0 140.6

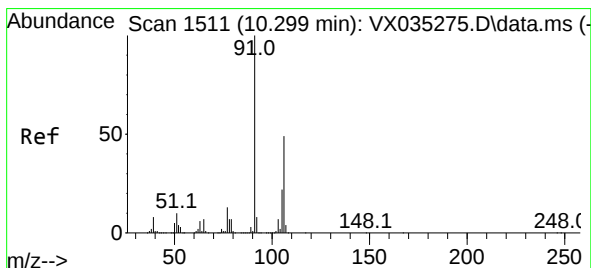
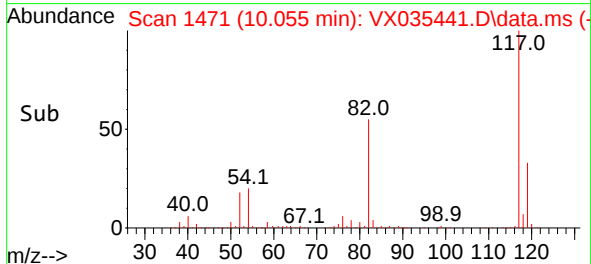
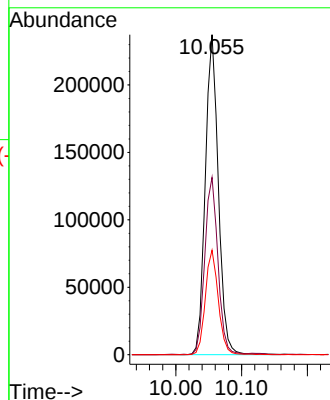
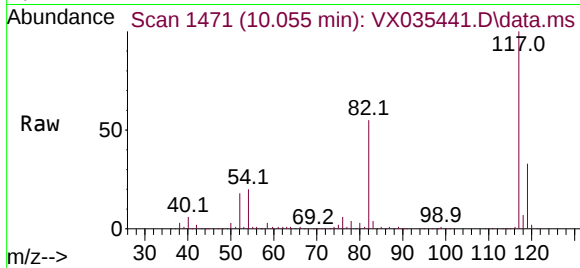




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

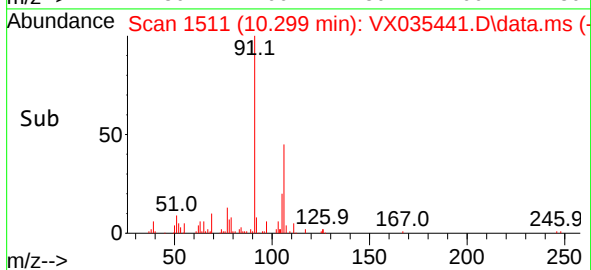
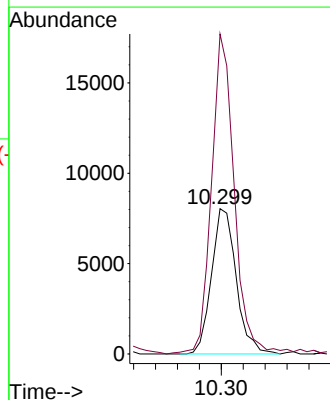
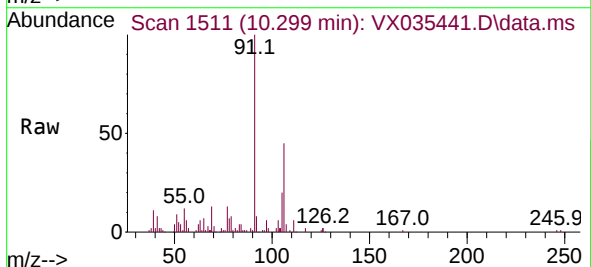
Instrument :
MSVOA_X
ClientSampleId :
P001-SS011-0006-01

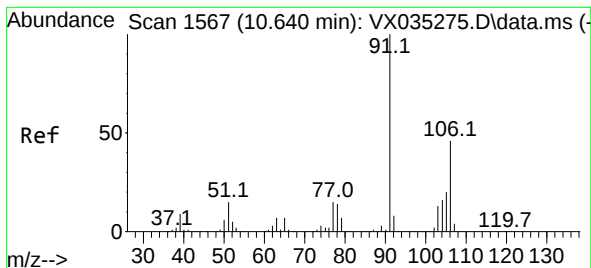
Tgt Ion:117 Resp: 327397
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.6 26.0 39.0



#68
m/p-Xylenes
Concen: 2.681 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion:106 Resp: 12600
Ion Ratio Lower Upper
106 100
91 202.6 164.0 246.0





#69

o-Xylene

Concen: 1.764 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035441.D

Acq: 01 May 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

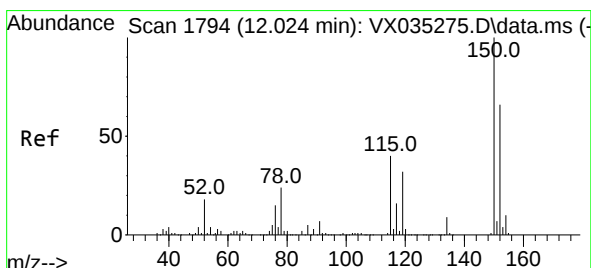
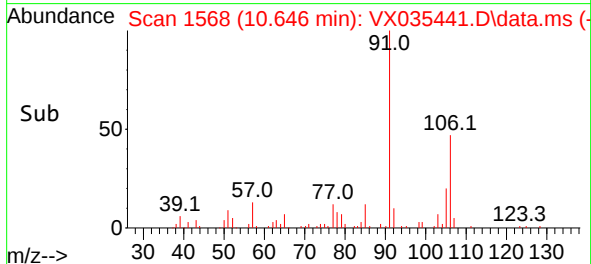
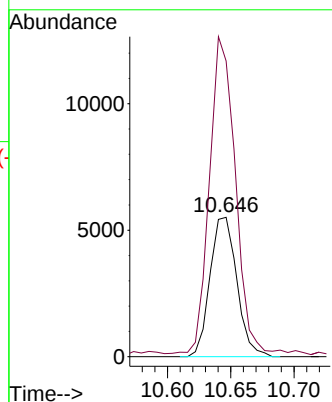
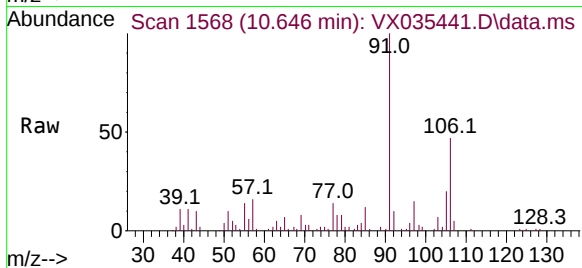
P001-SS011-0006-01

Tgt Ion:106 Resp: 8129

Ion Ratio Lower Upper

106 100

91 222.3 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035441.D

Acq: 01 May 2023 15:31

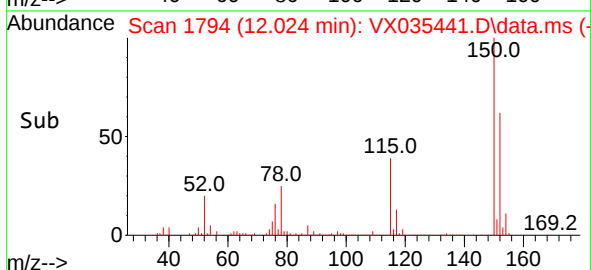
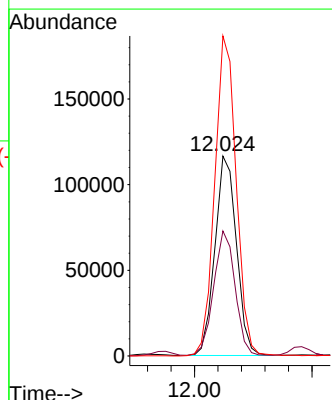
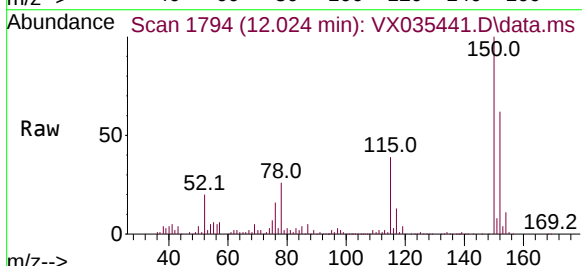
Tgt Ion:152 Resp: 148544

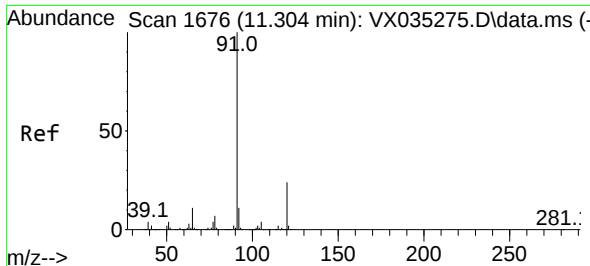
Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

150 159.9 0.0 352.4

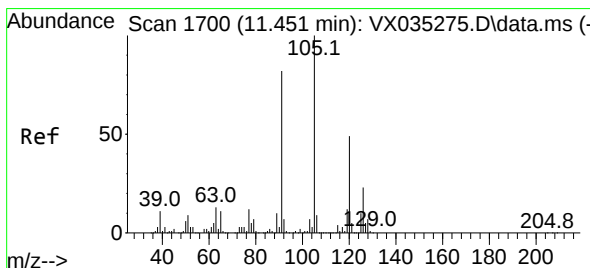
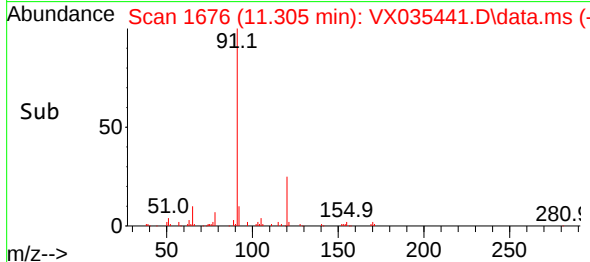
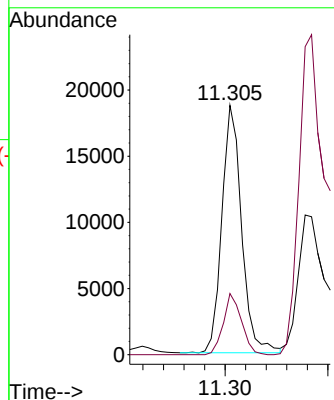
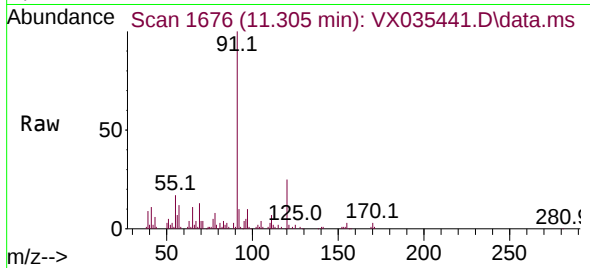




#78
n-propylbenzene
Concen: 1.997 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

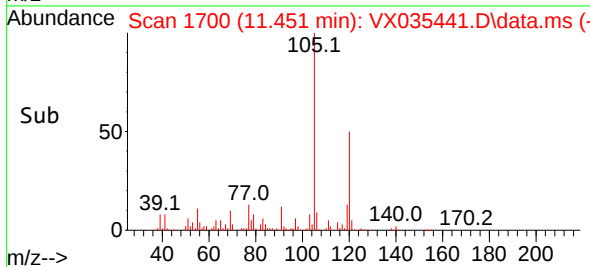
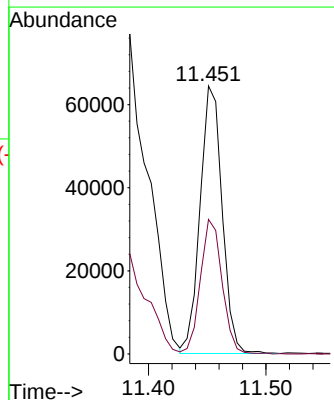
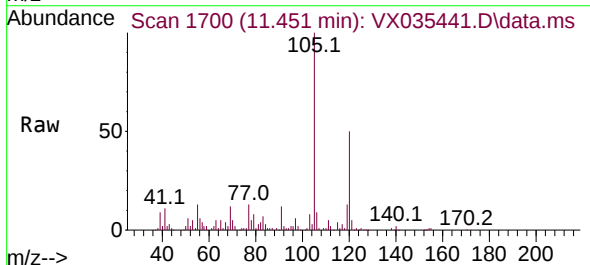
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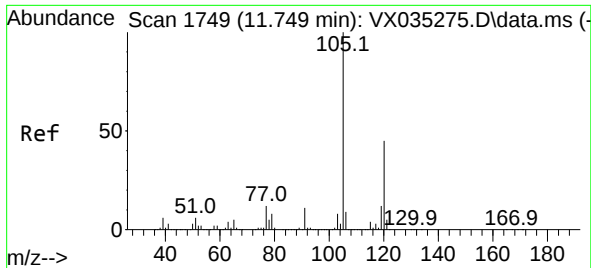
Tgt Ion: 91 Resp: 24907
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 9.193 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion: 105 Resp: 84164
Ion Ratio Lower Upper
105 100
120 49.5 23.7 71.1

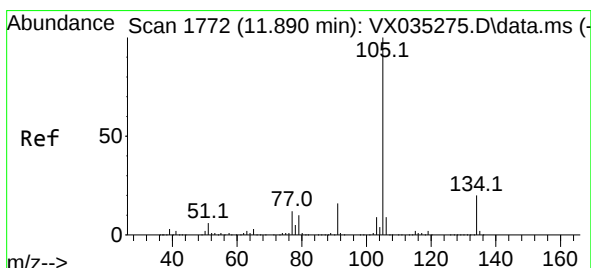
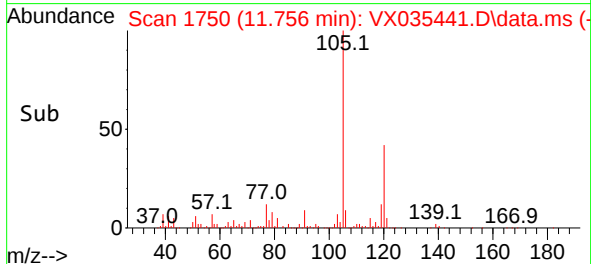
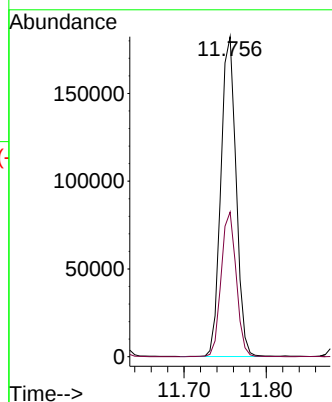
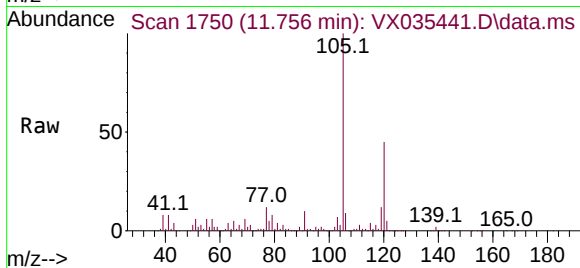




#84
1,2,4-Trimethylbenzene
Concen: 25.546 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

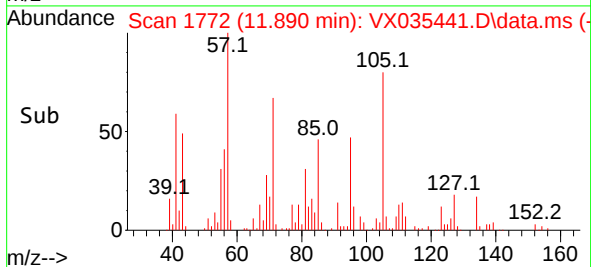
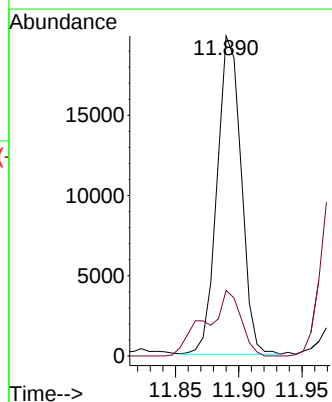
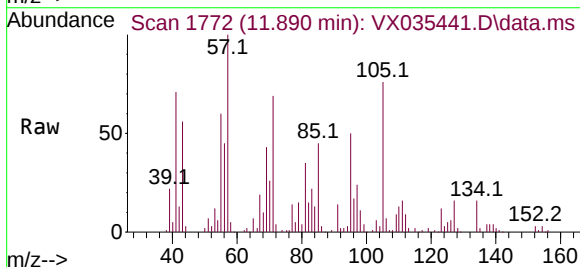
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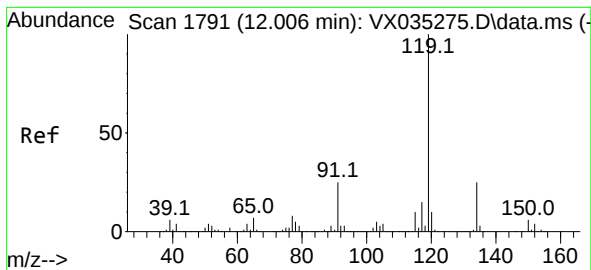
Tgt Ion:105 Resp: 235013
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0



#85
sec-Butylbenzene
Concen: 2.324 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035441.D
Acq: 01 May 2023 15:31

Tgt Ion:105 Resp: 26193
Ion Ratio Lower Upper
105 100
134 30.1 10.2 30.4





#86
 p-Isopropyltoluene
 Concen: 2.996 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX035441.D
 Acq: 01 May 2023 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01

Tgt Ion:119 Resp: 28716
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 26.5 12.9 38.7

