

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035088.D
 Acq On : 14 Apr 2023 17:06
 Operator : JC/MD
 Sample : 02345-01 10X
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1595

Quant Time: Apr 17 05:12:40 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	5.556	168	259213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166073	41.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.780%
35) Dibromofluoromethane	5.391	113	129380	44.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.880%
50) Toluene-d8	8.653	98	512420	48.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.079	95	187081	45.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%

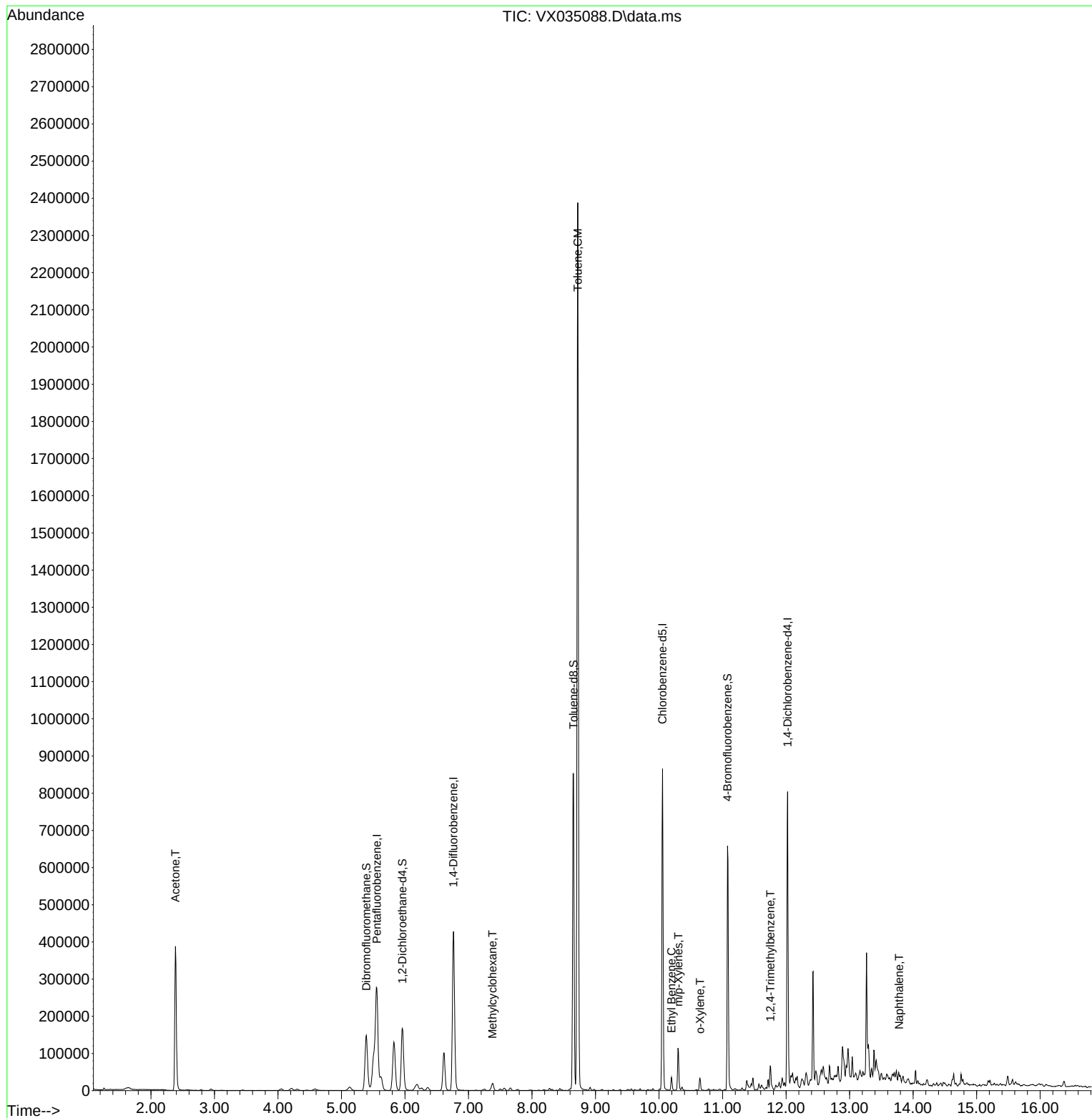
Target Compounds						Qvalue
16) Acetone	2.386	43	434287	269.672	ug/l	99
39) Methylcyclohexane	7.379	83	7635	1.686	ug/l	95
52) Toluene	8.720	92	885480	110.913	ug/l	98
67) Ethyl Benzene	10.195	91	20061	1.402	ug/l	96
68) m/p-Xylenes	10.305	106	26682	4.883	ug/l	98
69) o-Xylene	10.646	106	8000	1.494	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	25330	2.455	ug/l	98
95) Naphthalene	13.780	128	14568	1.322	ug/l	95

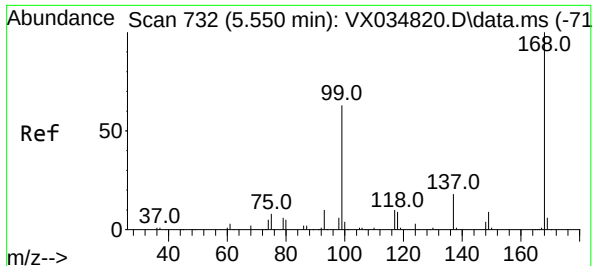
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

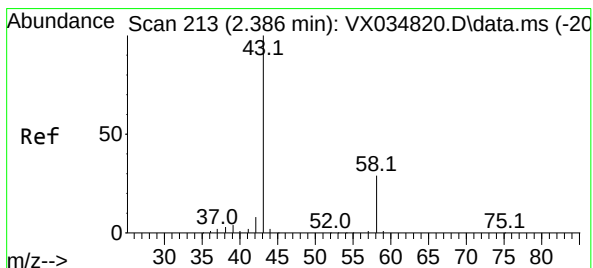
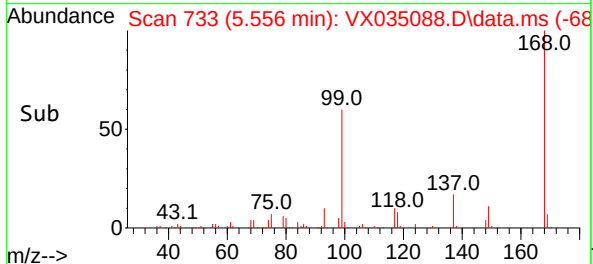
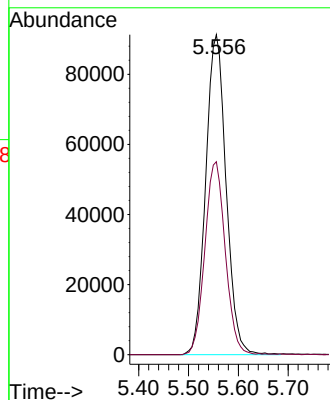
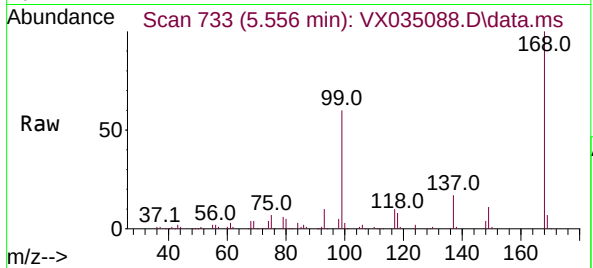




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

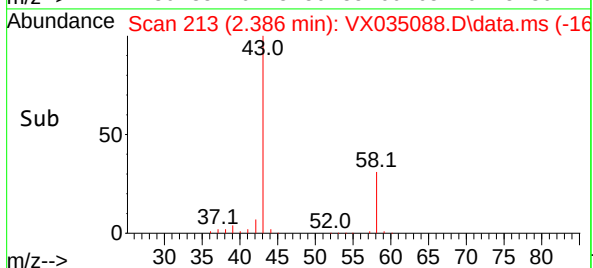
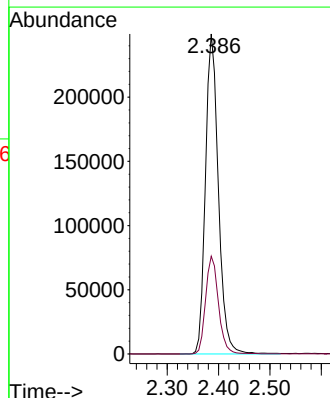
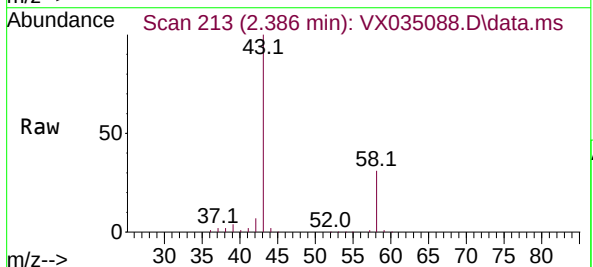
Instrument :
MSVOA_X
ClientSampleId :
1595

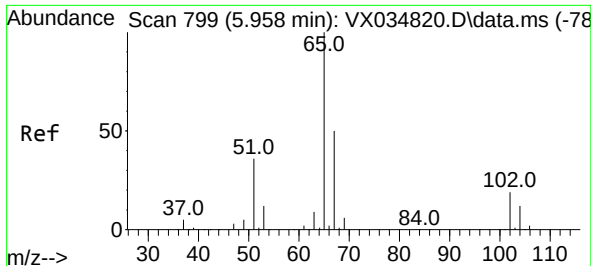
Tgt Ion:168 Resp: 259213
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#16
Acetone
Concen: 269.672 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion: 43 Resp: 434287
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 41.892 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035088.D

Acq: 14 Apr 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

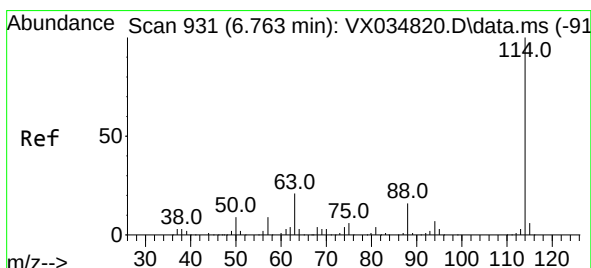
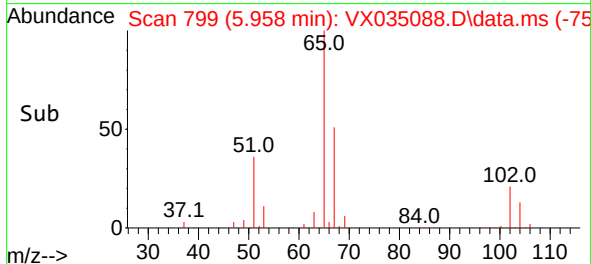
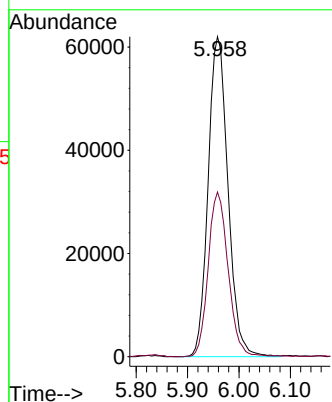
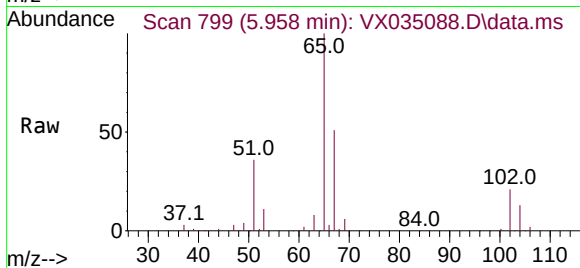
1595

Tgt Ion: 65 Resp: 166073

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035088.D

Acq: 14 Apr 2023 17:06

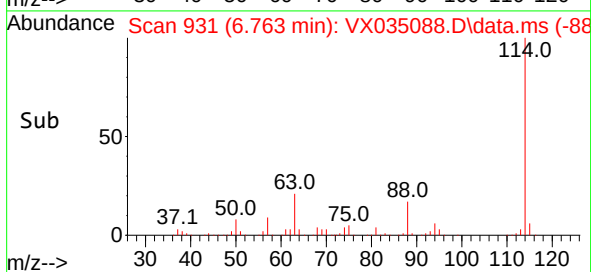
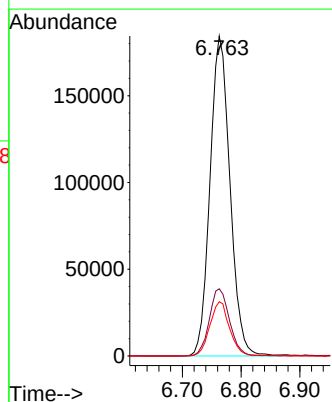
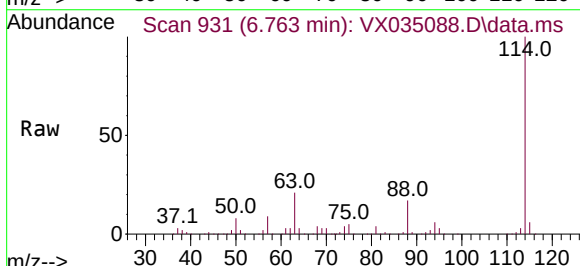
Tgt Ion: 114 Resp: 435287

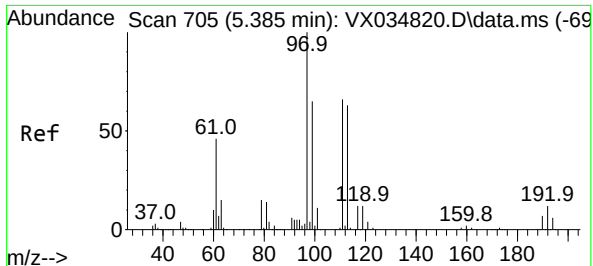
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 17.0 0.0 33.2

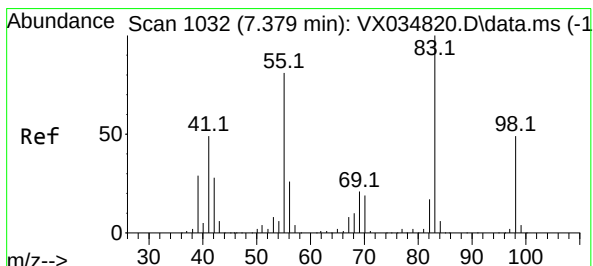
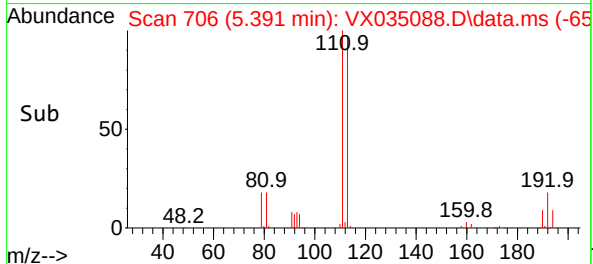
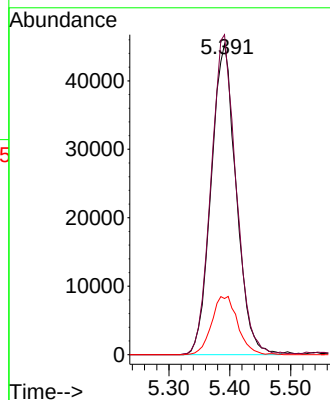
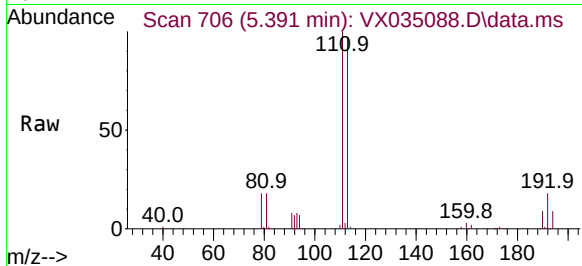




#35
Dibromofluoromethane
Concen: 44.938 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

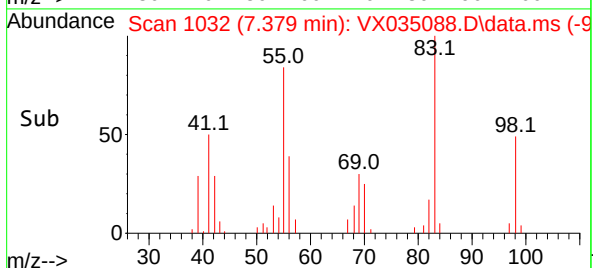
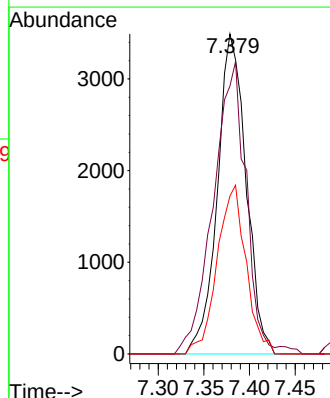
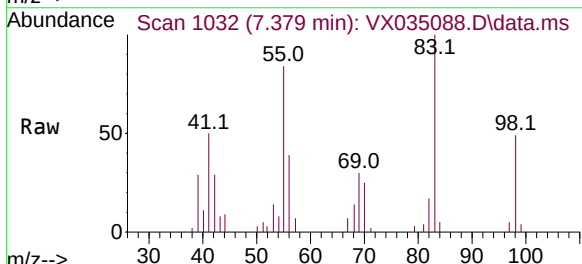
Instrument :
MSVOA_X
ClientSampleId :
1595

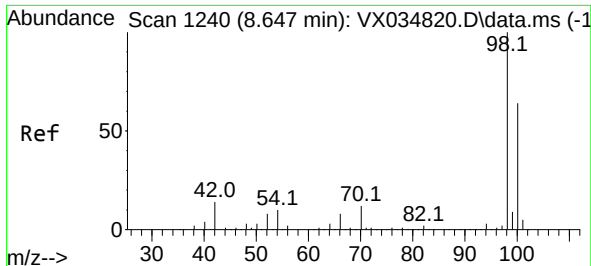
Tgt Ion:113 Resp: 129380
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 19.5 15.4 23.2



#39
Methylcyclohexane
Concen: 1.686 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion: 83 Resp: 7635
Ion Ratio Lower Upper
83 100
55 81.4 60.5 90.7
98 49.4 40.4 60.6

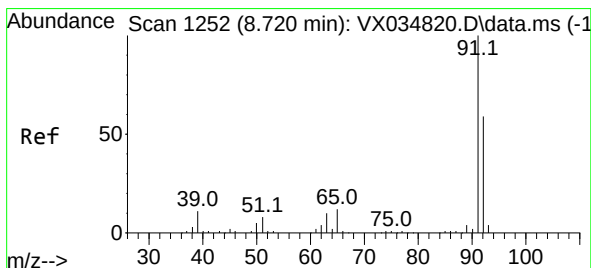
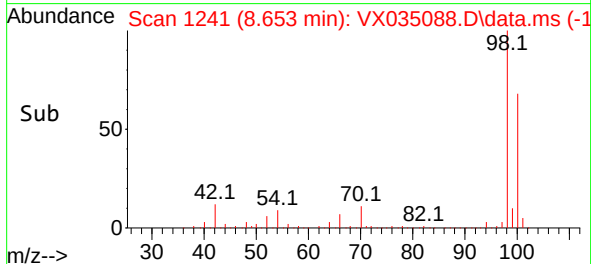
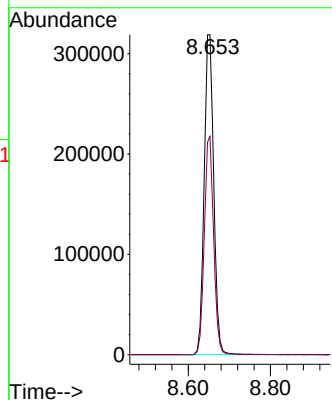
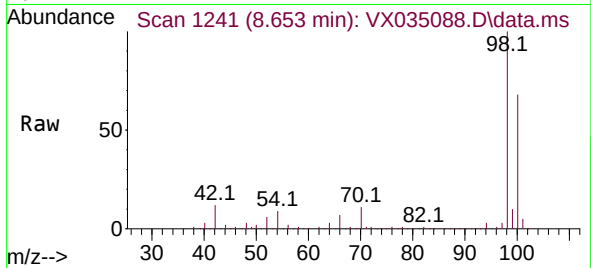




#50
Toluene-d8
Concen: 48.219 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

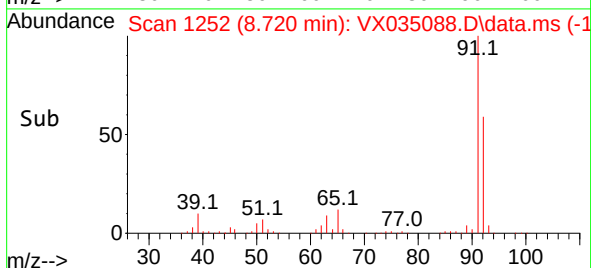
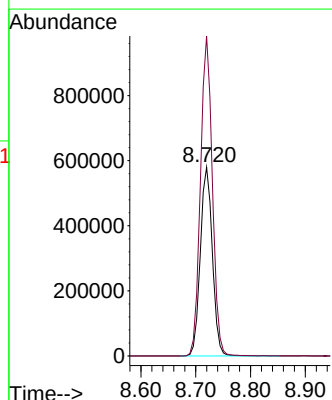
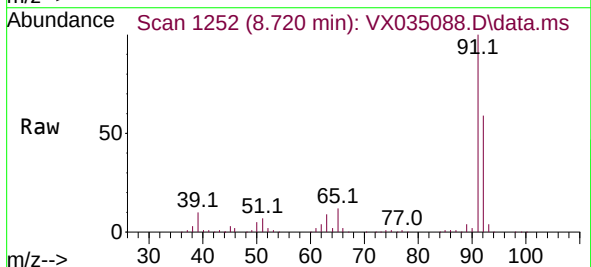
Instrument :
MSVOA_X
ClientSampleId :
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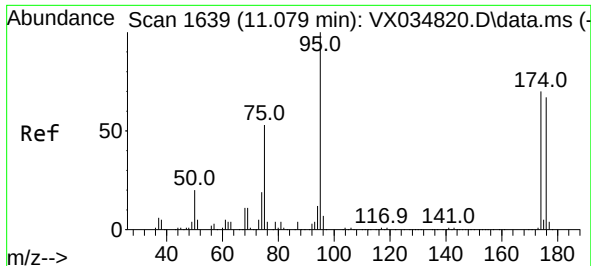
Tgt Ion: 98 Resp: 512420
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#52
Toluene
Concen: 110.913 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion: 92 Resp: 885480
Ion Ratio Lower Upper
92 100
91 167.7 136.8 205.2

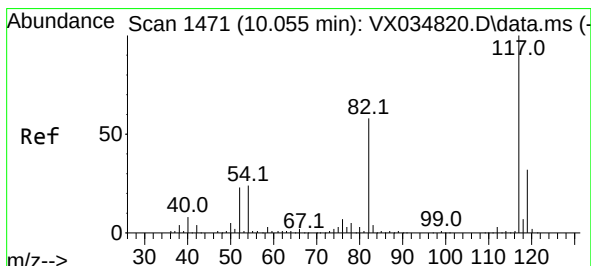
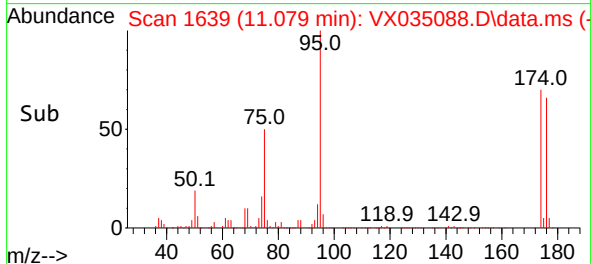
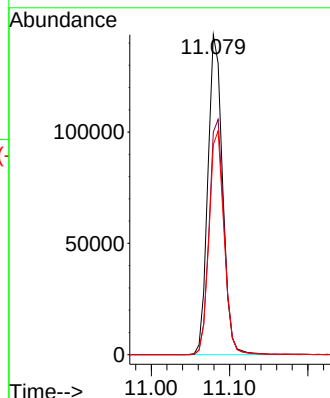
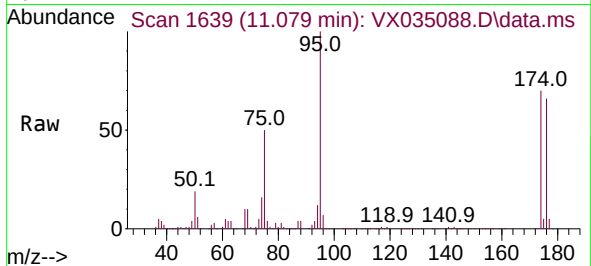




#62
4-Bromofluorobenzene
Concen: 45.493 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

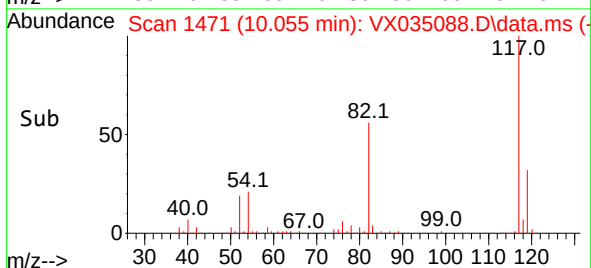
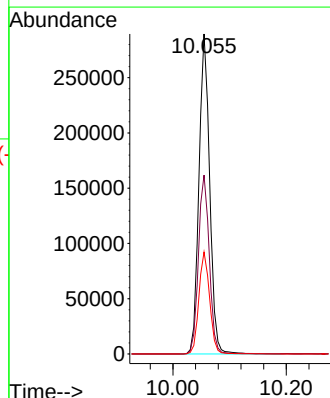
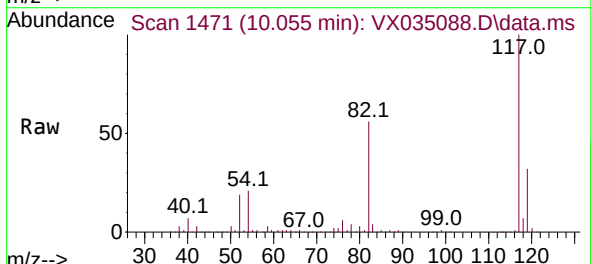
Instrument :
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ClientSampleId :
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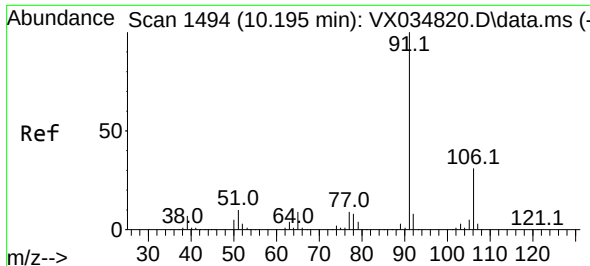
Tgt Ion: 95 Resp: 187081
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion: 117 Resp: 379537
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.9 26.0 39.0

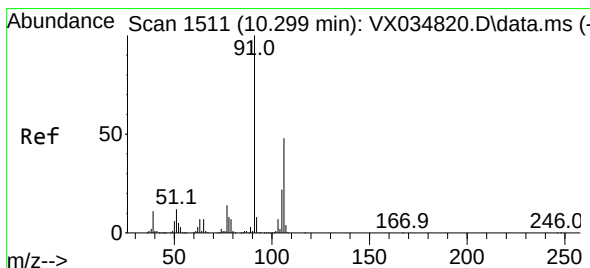
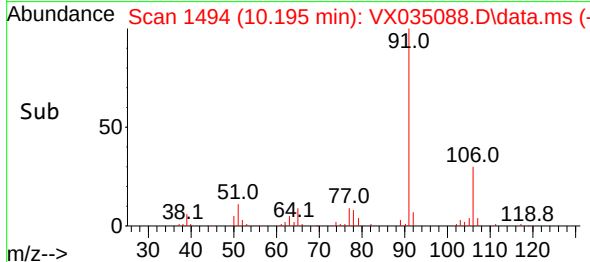
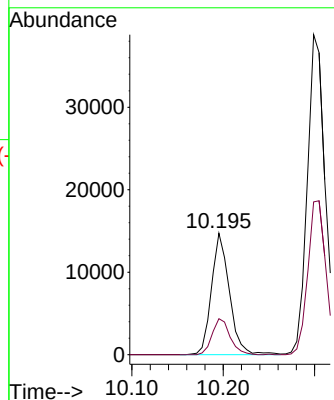
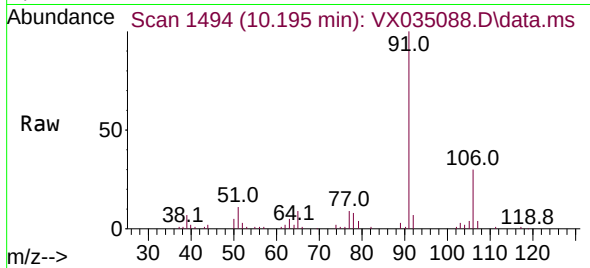




#67
Ethyl Benzene
Concen: 1.402 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

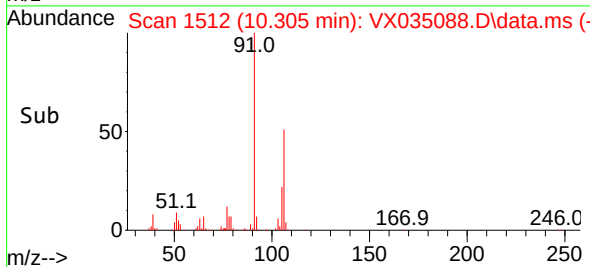
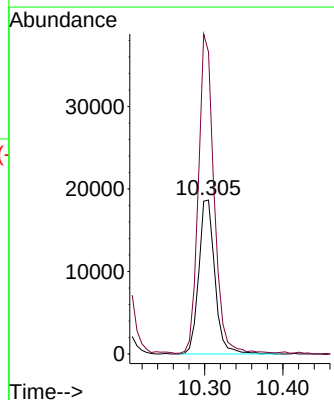
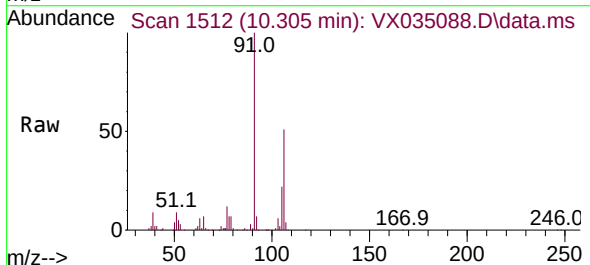
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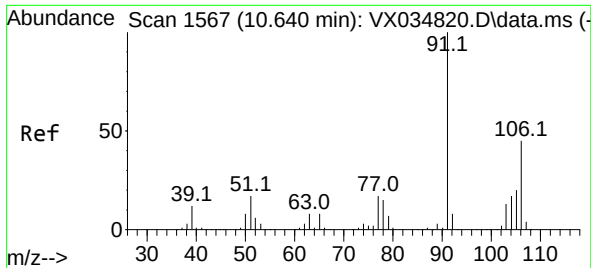
Tgt Ion: 91 Resp: 20061
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 4.883 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion: 106 Resp: 26682
Ion Ratio Lower Upper
106 100
91 201.6 164.0 246.0

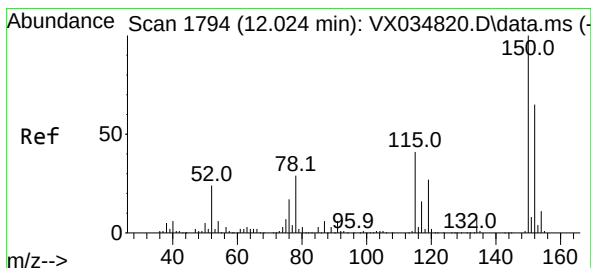
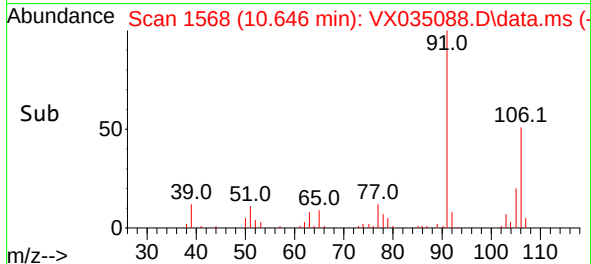
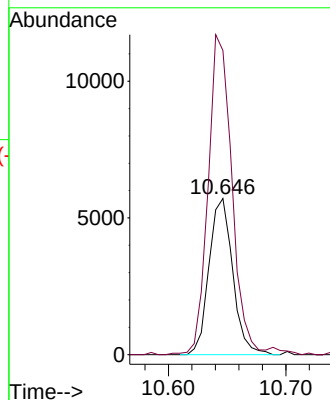
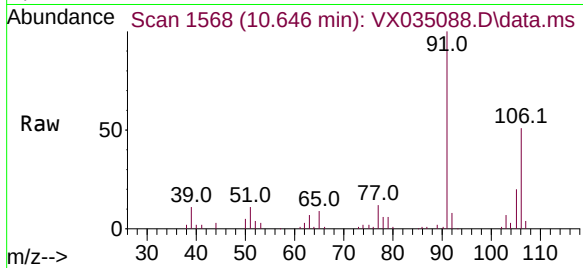




#69
o-Xylene
Concen: 1.494 ug/l
RT: 10.646 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

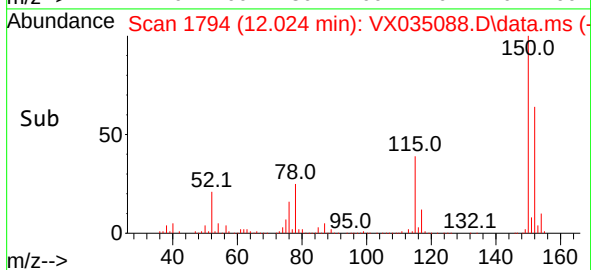
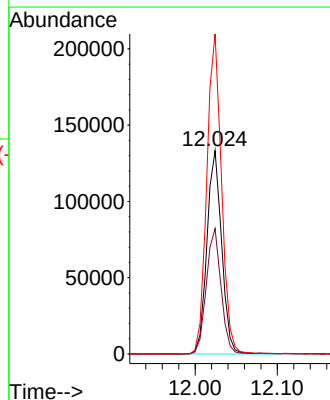
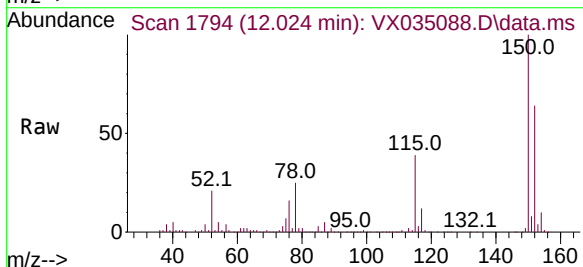
Instrument :
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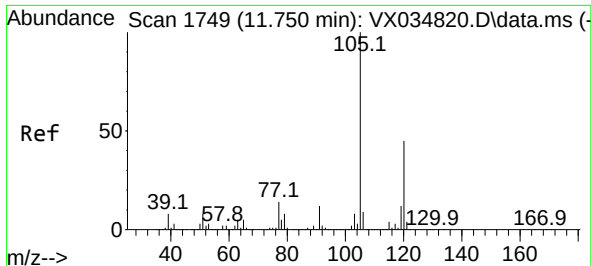
Tgt Ion:106 Resp: 8000
Ion Ratio Lower Upper
106 100
91 205.2 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion:152 Resp: 165670
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 157.4 0.0 352.4

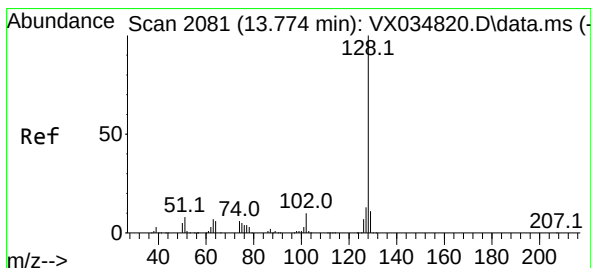
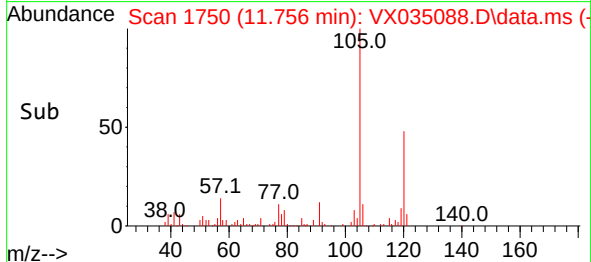
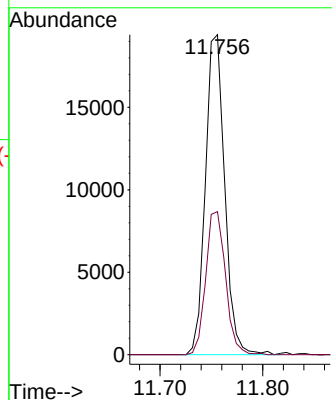
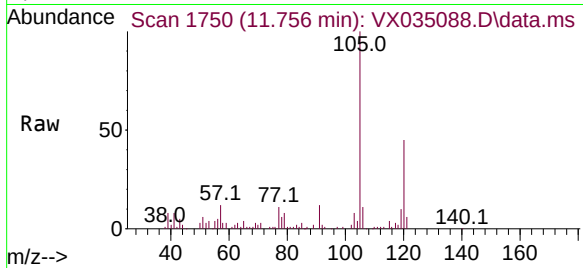




#84
1,2,4-Trimethylbenzene
Concen: 2.455 ug/l
RT: 11.756 min Scan# 11595
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Instrument :
MSVOA_X
ClientSampleId :
1595

Tgt Ion:105 Resp: 25330
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0



#95
Naphthalene
Concen: 1.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035088.D
Acq: 14 Apr 2023 17:06

Tgt Ion:128 Resp: 14568
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.4
129 12.5 8.6 13.0

