

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040256.D
 Acq On : 15 Feb 2024 16:45
 Operator : JC/MD
 Sample : P1471-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30985

Quant Time: Feb 16 00:51:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

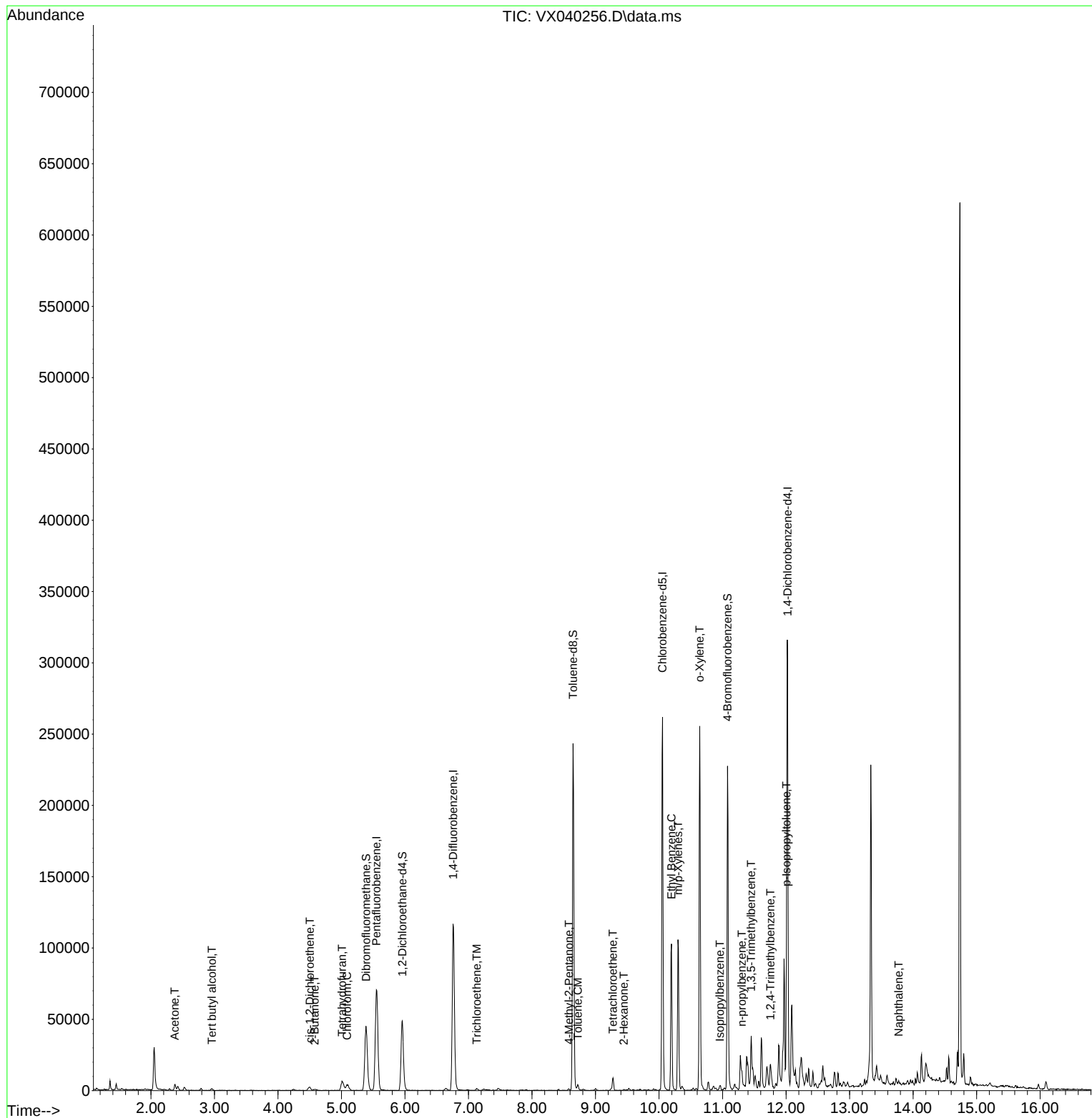
Internal Standards						
1) Pentafluorobenzene	5.550	168	68861	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	119717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46894	45.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.540%
35) Dibromofluoromethane	5.385	113	39857	47.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	142396	45.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.060%#
62) 4-Bromofluorobenzene	11.079	95	57952	45.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	1137	5.698	ug/l	# 96
16) Acetone	2.374	43	4674	11.109	ug/l	# 89
25) 2-Butanone	4.574	43	1204	1.831	ug/l	# 87
27) cis-1,2-Dichloroethene	4.501	96	1740	1.905	ug/l	74
29) Tetrahydrofuran	5.007	42	5960	13.910	ug/l	92
30) Chloroform	5.086	83	4695	3.013	ug/l	93
44) Trichloroethene	7.129	130	553	0.612	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	885	0.637	ug/l	# 79
52) Toluene	8.720	92	1193	0.556	ug/l	85
59) 2-Hexanone	9.445	43	569	0.517	ug/l	81
64) Tetrachloroethene	9.275	164	1588	1.944	ug/l	96
67) Ethyl Benzene	10.195	91	60441	13.951	ug/l	97
68) m/p-Xylenes	10.299	106	25541	15.610	ug/l	94
69) o-Xylene	10.640	106	53877	33.884	ug/l	99
73) Isopropylbenzene	10.957	105	2079	0.482	ug/l	98
78) n-propylbenzene	11.305	91	5946	1.138	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	13204	3.634	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	6399	1.741	ug/l	95
86) p-Isopropyltoluene	12.006	119	23092	6.154	ug/l	97
95) Naphthalene	13.774	128	1001	0.237	ug/l	96

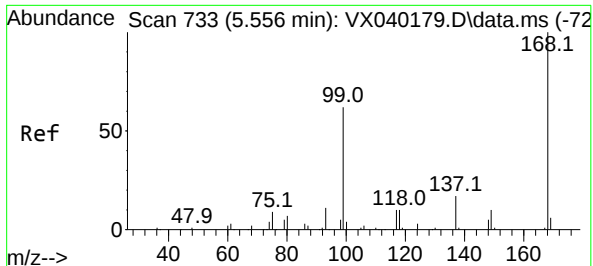
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

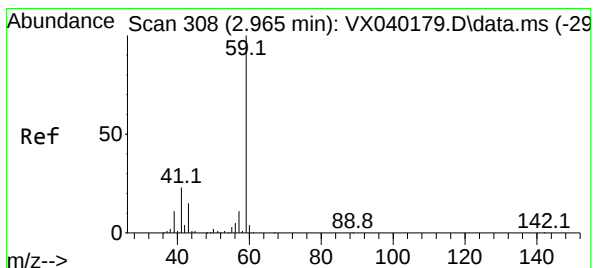
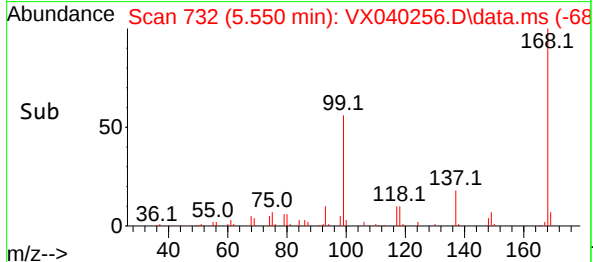
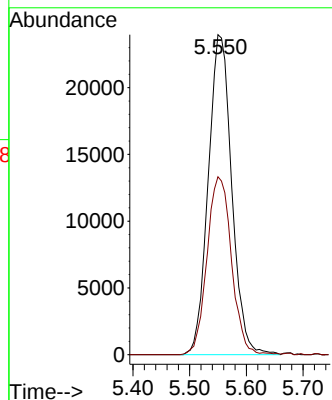
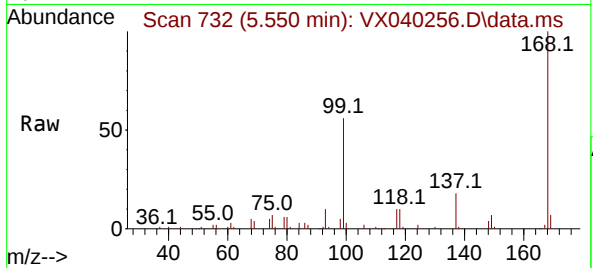




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

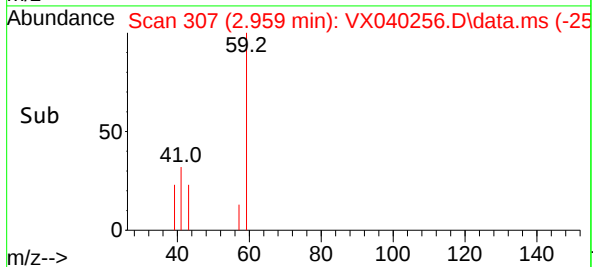
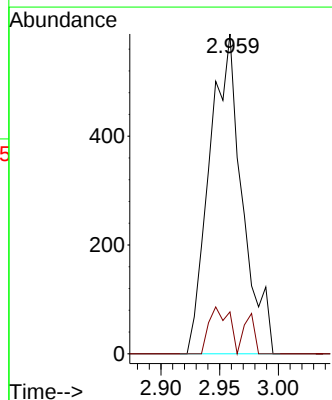
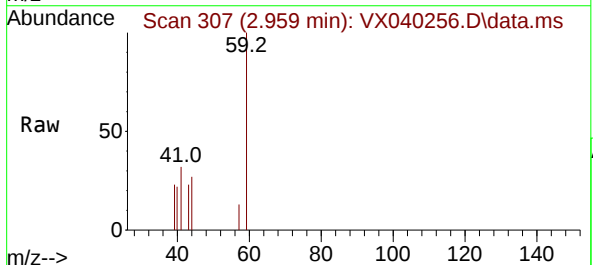
Instrument :
MSVOA_X
ClientSampleId :
30985

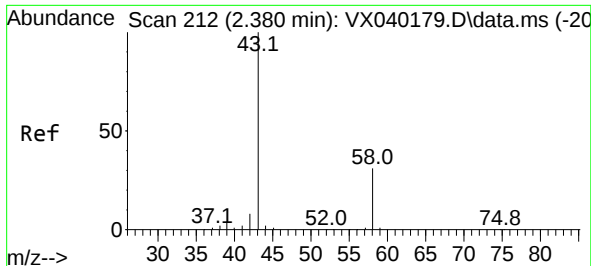
Tgt Ion:168 Resp: 68861
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 5.698 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 59 Resp: 1137
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0#





#16

Acetone

Concen: 11.109 ug/l

RT: 2.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040256.D

Acq: 15 Feb 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

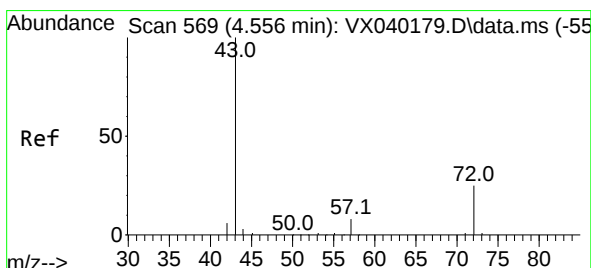
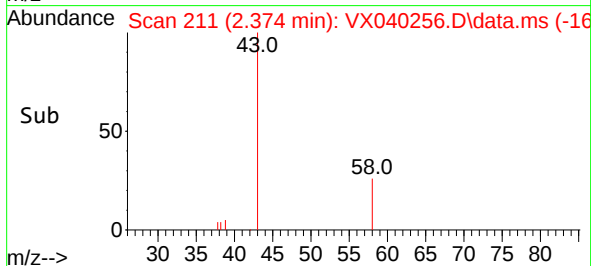
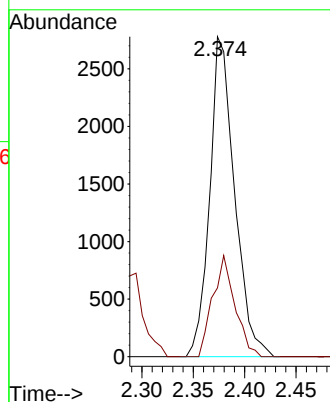
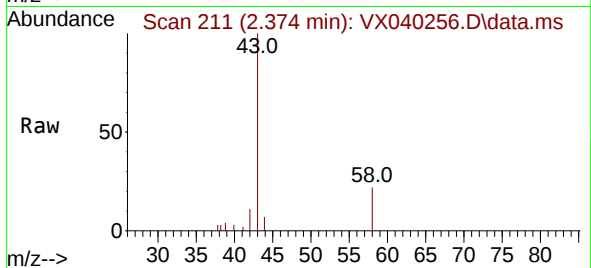
30985

Tgt Ion: 43 Resp: 4674

Ion Ratio Lower Upper

43 100

58 21.5 21.9 32.9#



#25

2-Butanone

Concen: 1.831 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX040256.D

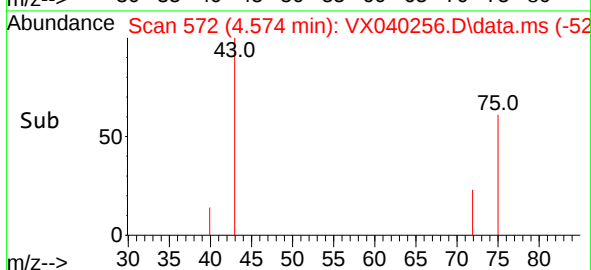
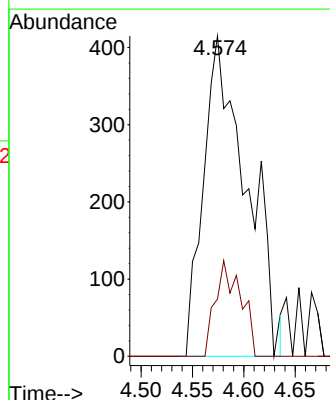
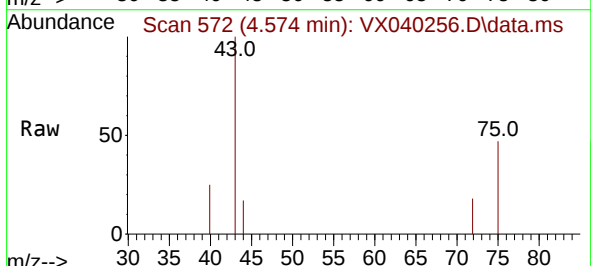
Acq: 15 Feb 2024 16:45

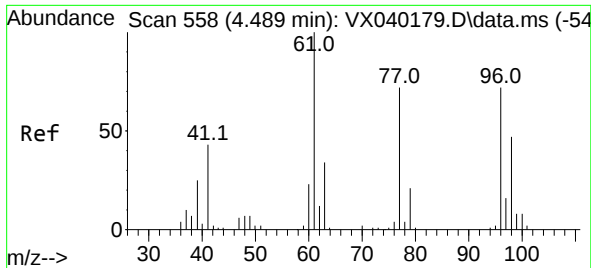
Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

72 17.8 19.4 29.2#

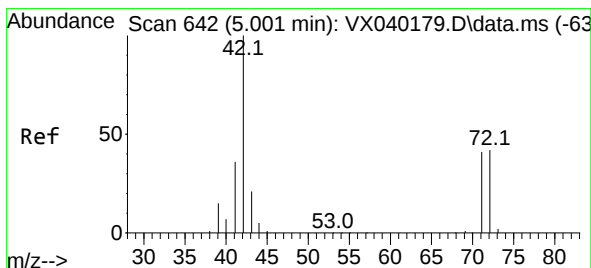
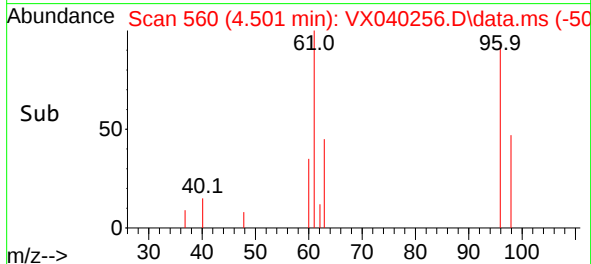
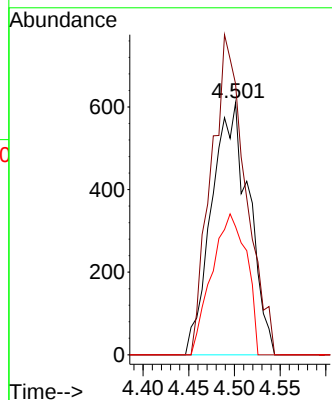
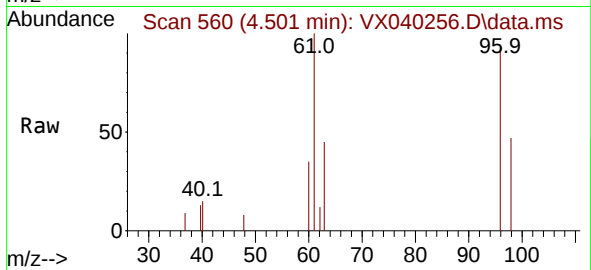




#27
cis-1,2-Dichloroethene
Concen: 1.905 ug/l
RT: 4.501 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

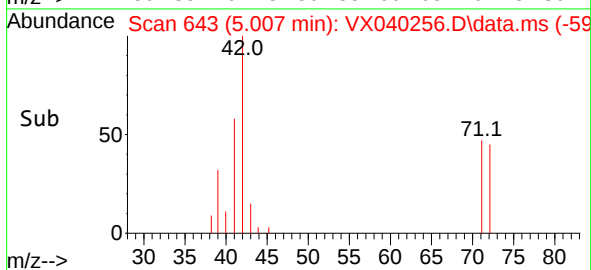
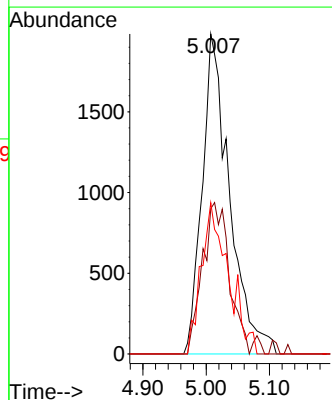
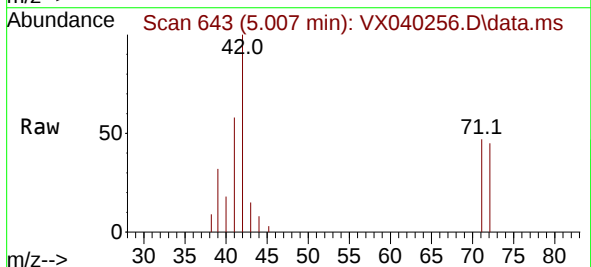
Instrument :
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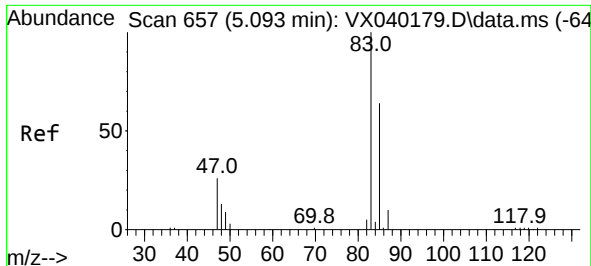
Tgt Ion: 96 Resp: 1740
Ion Ratio Lower Upper
96 100
61 116.7 0.0 312.2
98 51.9 0.0 129.0



#29
Tetrahydrofuran
Concen: 13.910 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 42 Resp: 5960
Ion Ratio Lower Upper
42 100
72 46.6 34.2 51.4
71 46.6 32.2 48.2

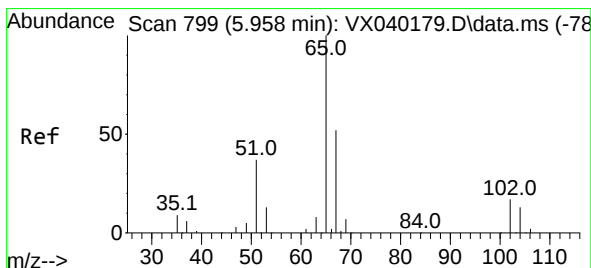
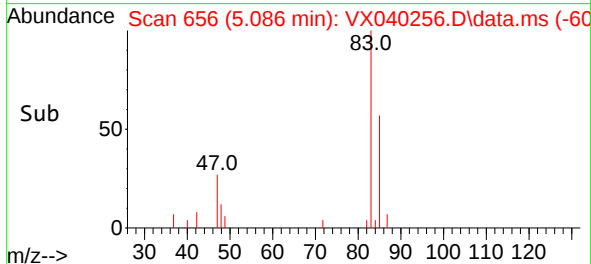
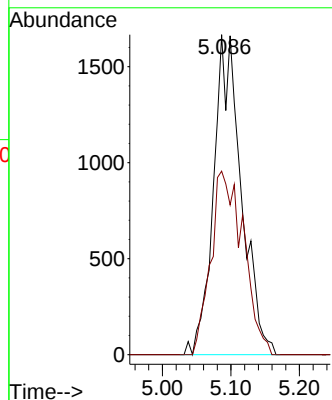
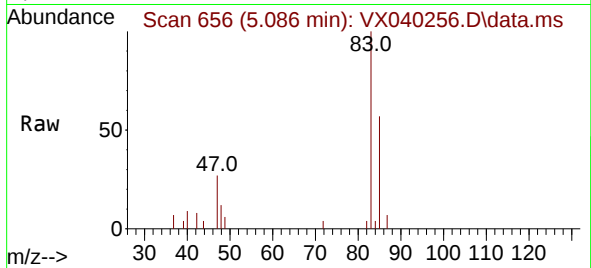




#30
Chloroform
Concen: 3.013 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

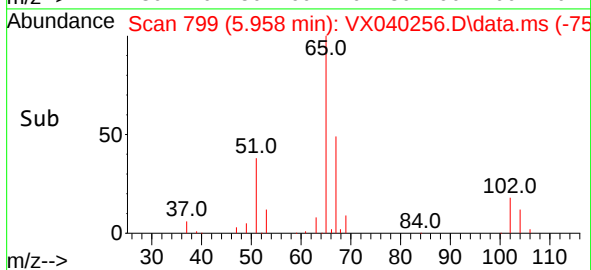
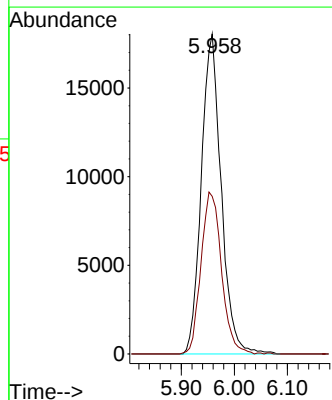
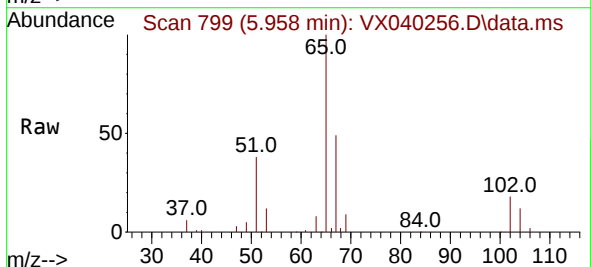
Instrument :
MSVOA_X
ClientSampleId :
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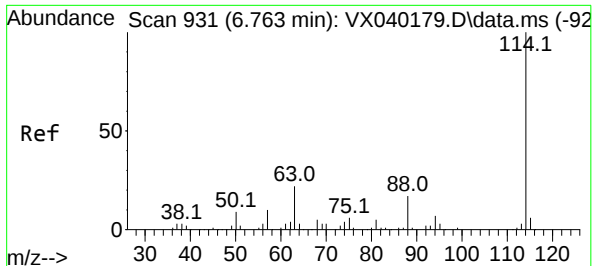
Tgt Ion: 83 Resp: 4695
Ion Ratio Lower Upper
83 100
85 57.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 45.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 65 Resp: 46894
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

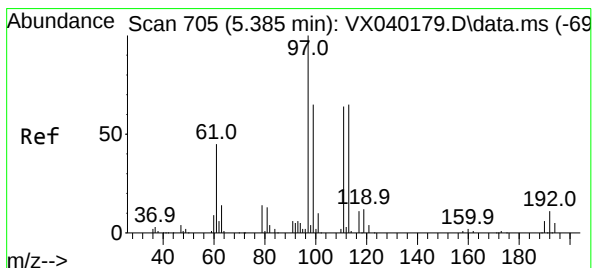
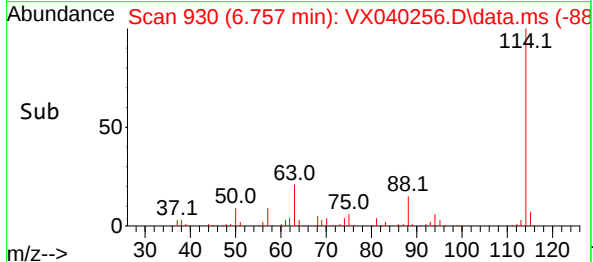
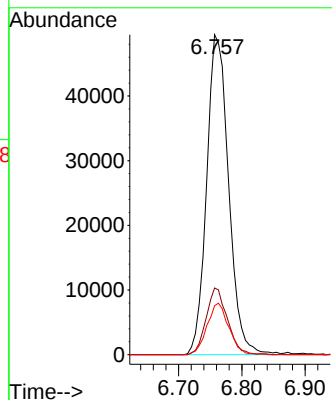
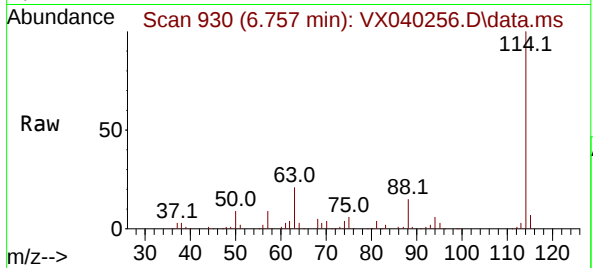




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

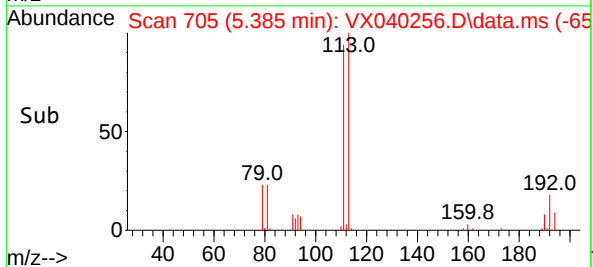
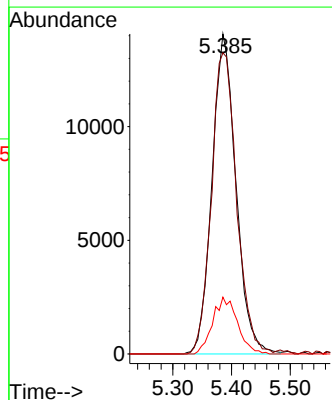
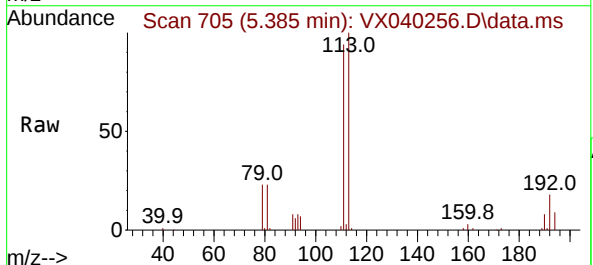
Instrument :
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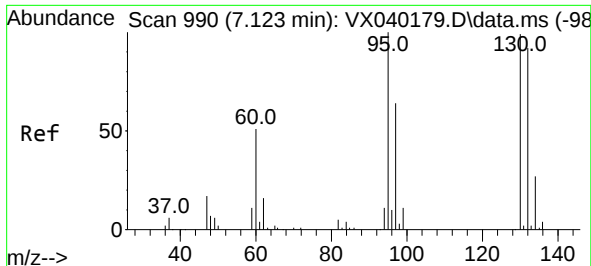
Tgt Ion:114 Resp: 119717
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion:113 Resp: 39857
Ion Ratio Lower Upper
113 100
111 98.9 82.9 124.3
192 18.4 13.3 19.9

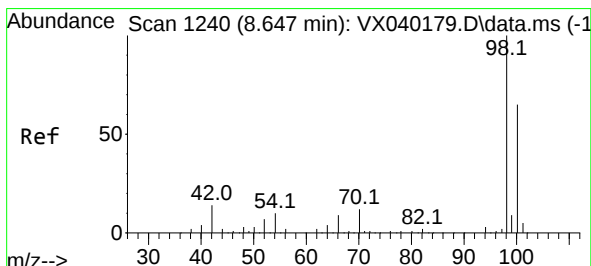
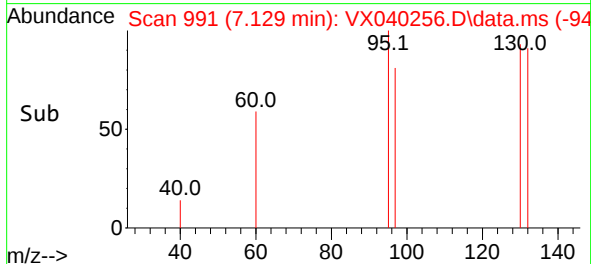
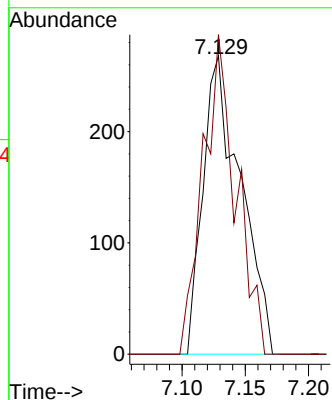
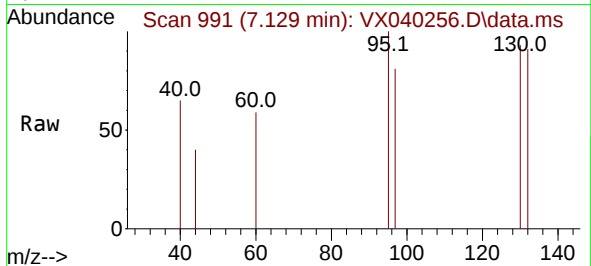




#44
 Trichloroethene
 Concen: 0.612 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX040256.D
 Acq: 15 Feb 2024 16:45

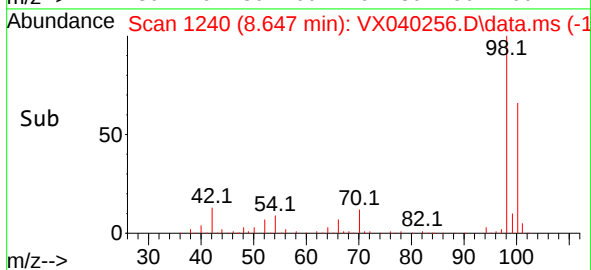
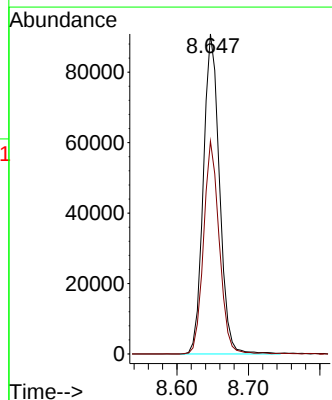
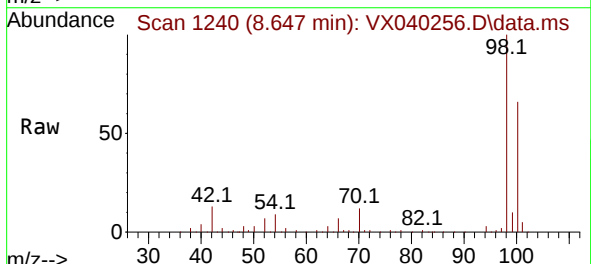
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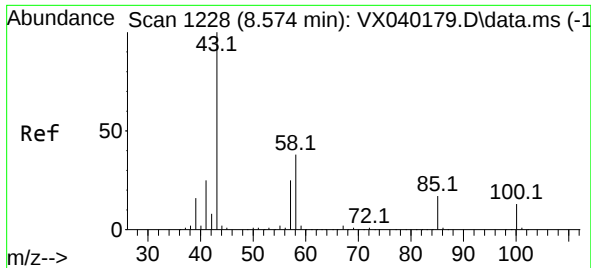
Tgt Ion:130 Resp: 553
 Ion Ratio Lower Upper
 130 100
 95 107.1 0.0 204.4



#50
 Toluene-d8
 Concen: 45.532 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX040256.D
 Acq: 15 Feb 2024 16:45

Tgt Ion: 98 Resp: 142396
 Ion Ratio Lower Upper
 98 100
 100 64.7 53.1 79.7

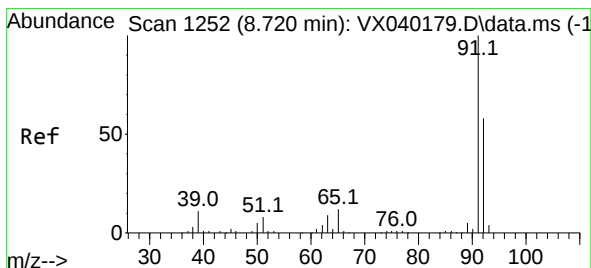
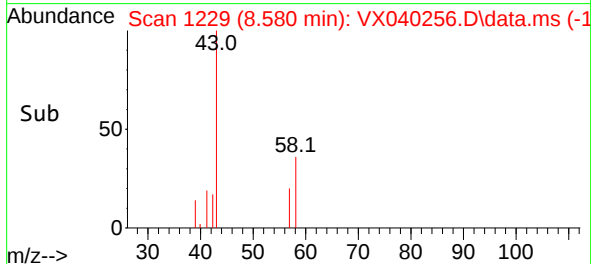
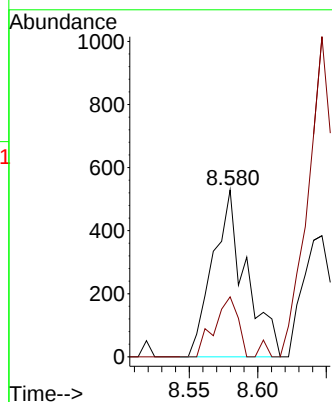
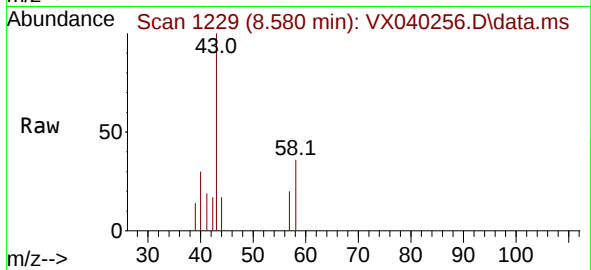




#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

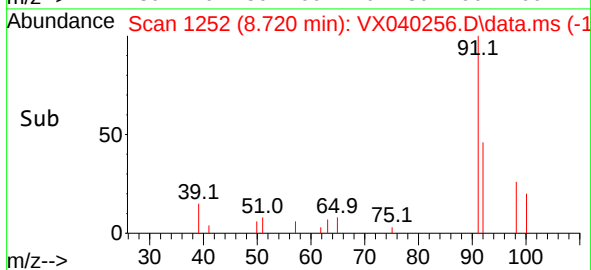
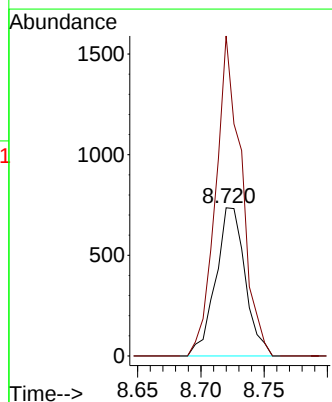
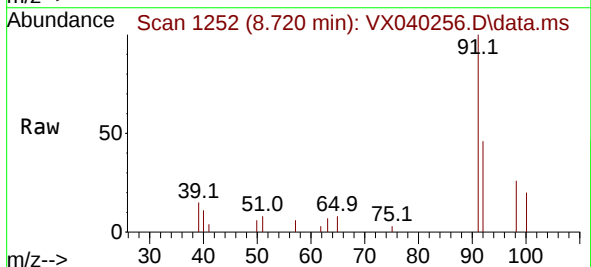
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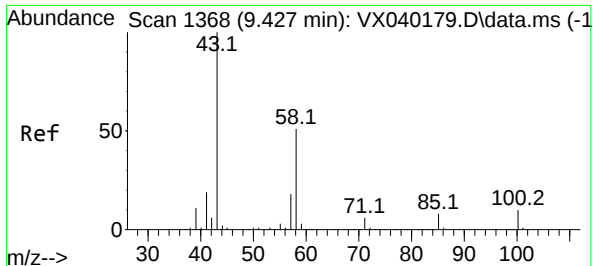
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 25.5 30.4 45.6#



#52
Toluene
Concen: 0.556 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 92 Resp: 1193
Ion Ratio Lower Upper
92 100
91 188.2 134.2 201.2

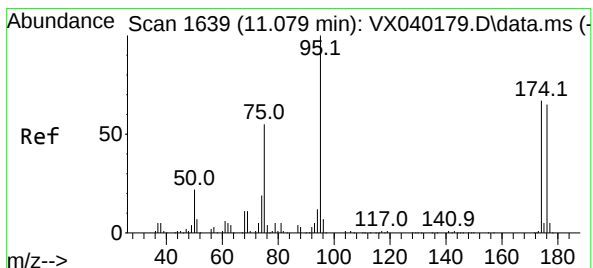
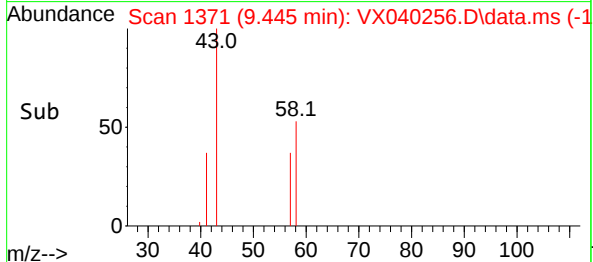
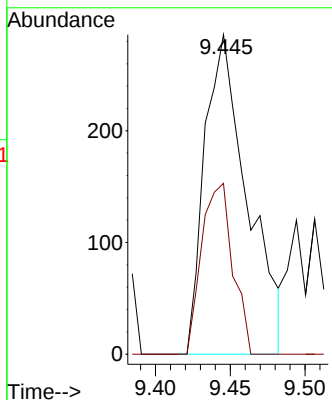
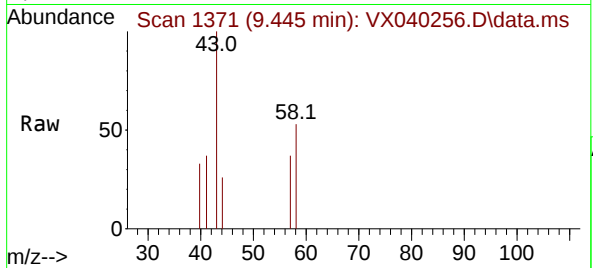




#59
2-Hexanone
Concen: 0.517 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

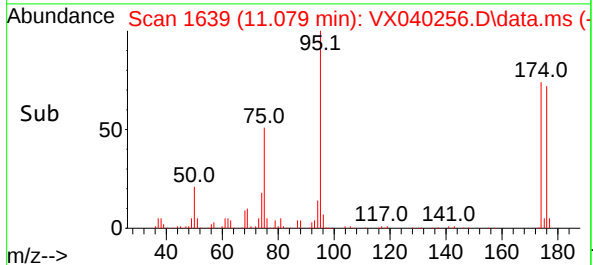
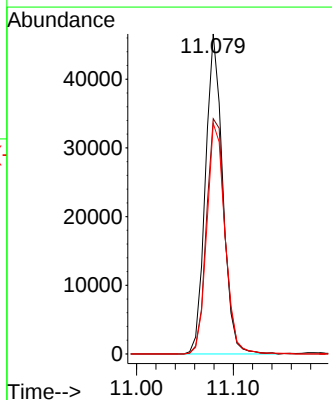
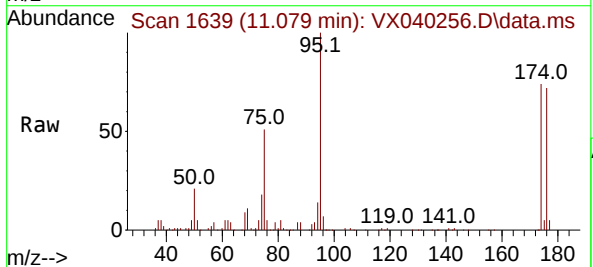
Instrument :
MSVOA_X
ClientSampleId :
30985

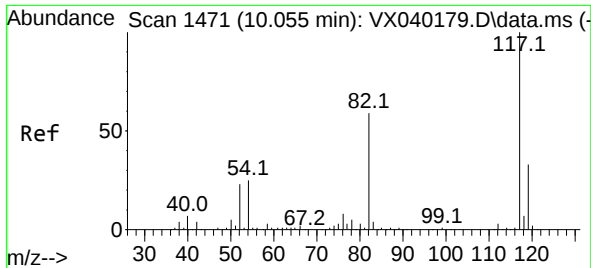
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 38.8 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 45.436 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 95 Resp: 57952
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.7 0.0 131.0

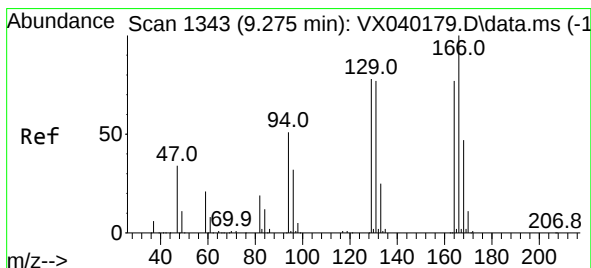
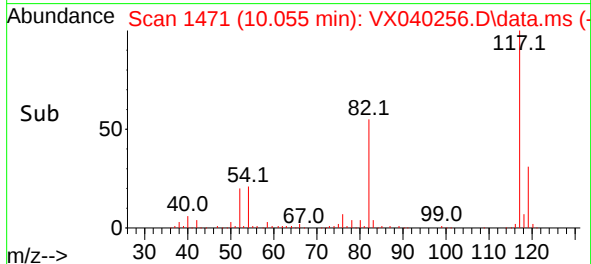
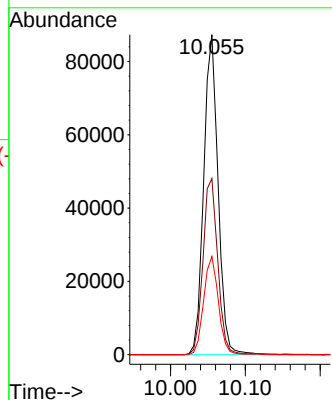
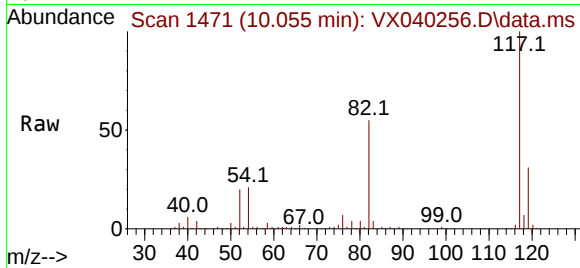




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

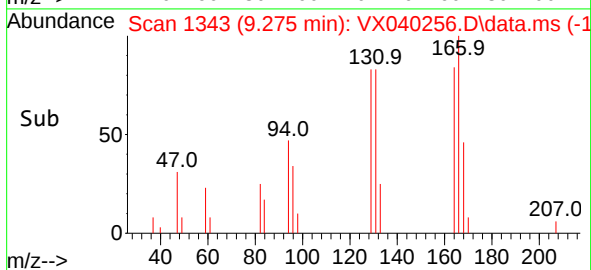
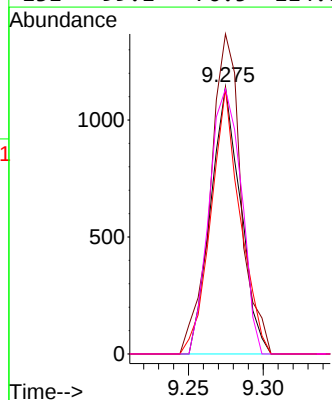
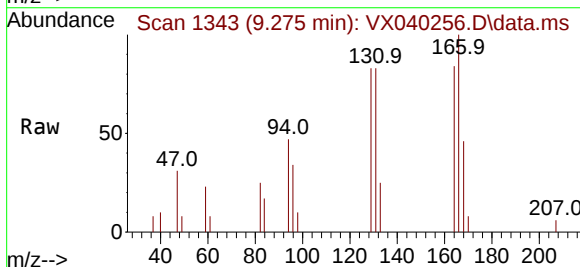
Instrument :
MSVOA_X
ClientSampleId :
30985

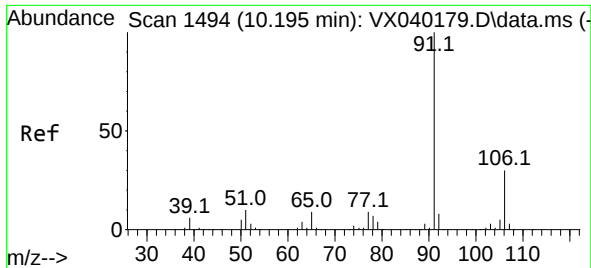
Tgt Ion:117 Resp: 116556
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 30.7 25.5 38.3



#64
Tetrachloroethene
Concen: 1.944 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion:164 Resp: 1588
Ion Ratio Lower Upper
164 100
166 119.7 102.7 154.1
129 99.3 80.4 120.6
131 99.1 76.5 114.7

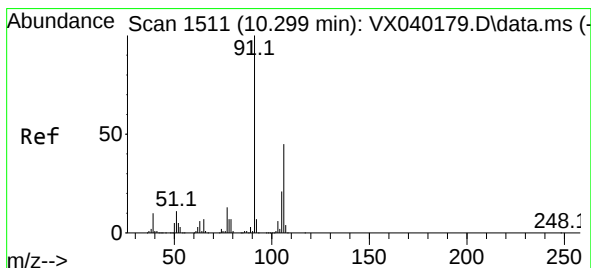
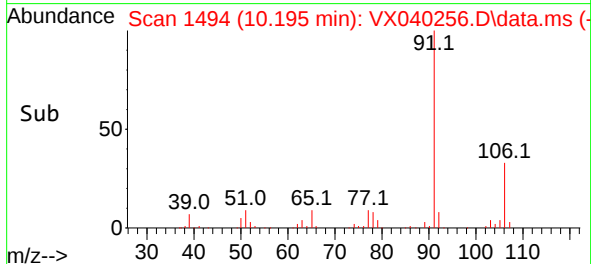
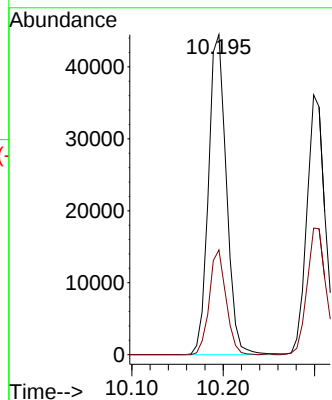
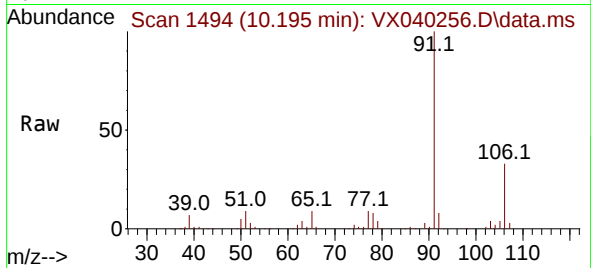




#67
Ethyl Benzene
Concen: 13.951 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

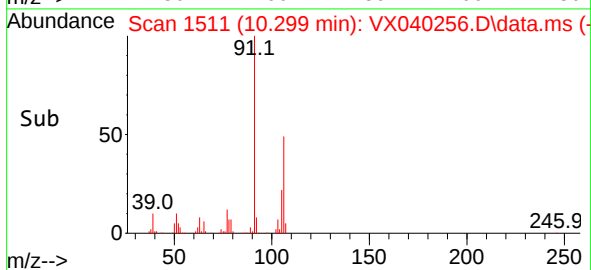
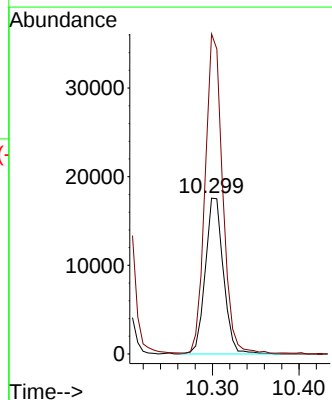
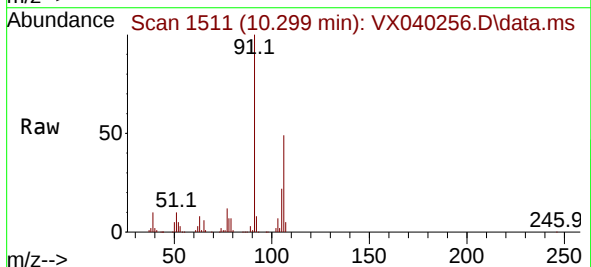
Instrument :
MSVOA_X
ClientSampleId :
30985

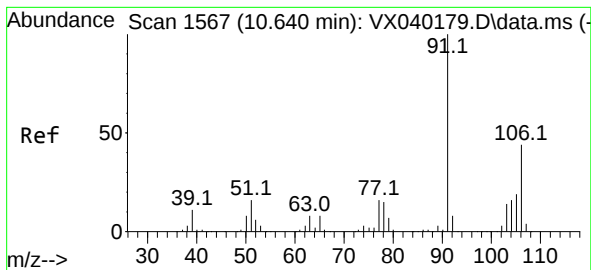
Tgt Ion: 91 Resp: 60441
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3



#68
m/p-Xylenes
Concen: 15.610 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion: 106 Resp: 25541
Ion Ratio Lower Upper
106 100
91 197.5 165.5 248.3

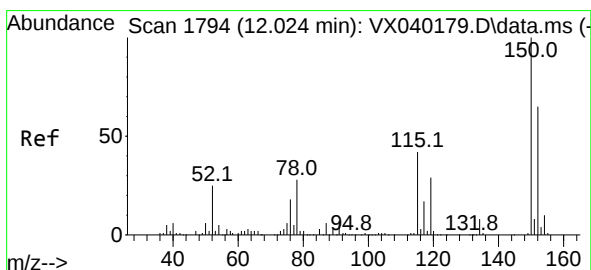
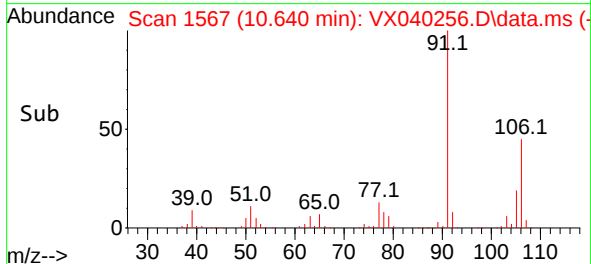
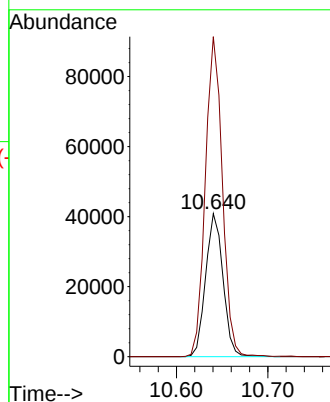
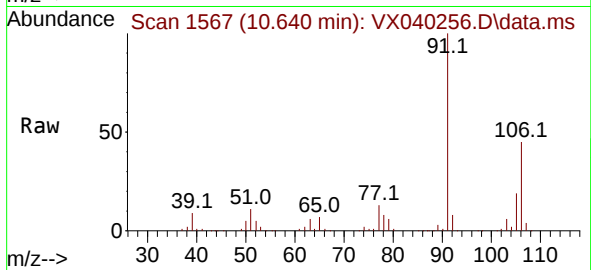




#69
o-Xylene
Concen: 33.884 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

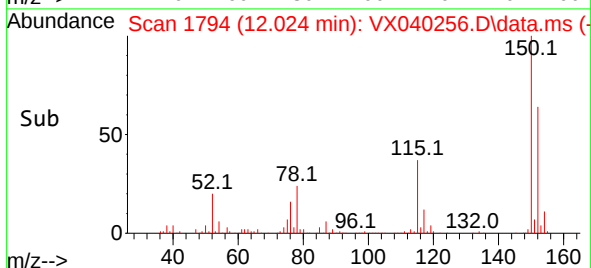
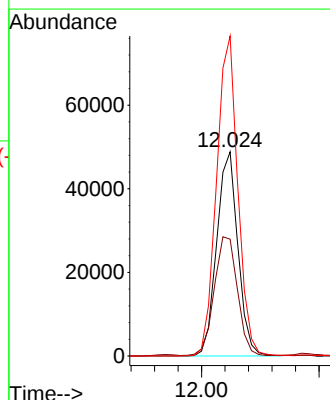
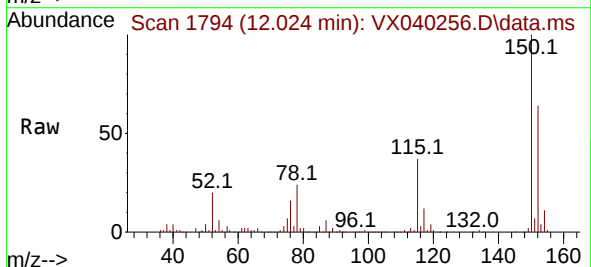
Instrument :
MSVOA_X
ClientSampleId :
30985

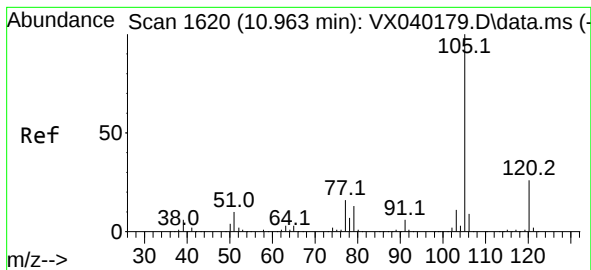
Tgt Ion:106 Resp: 53877
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion:152 Resp: 61271
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.8 0.0 345.0





#73

Isopropylbenzene

Concen: 0.482 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040256.D

Acq: 15 Feb 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

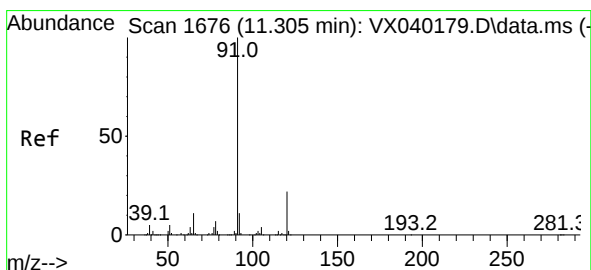
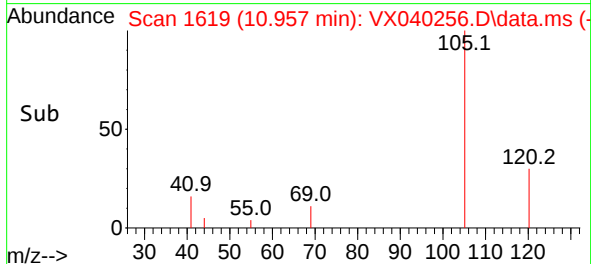
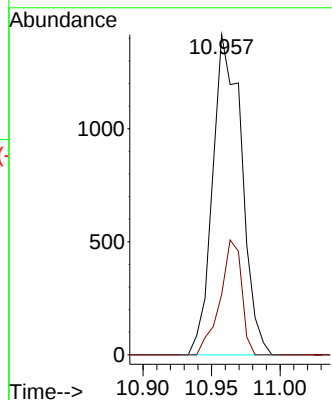
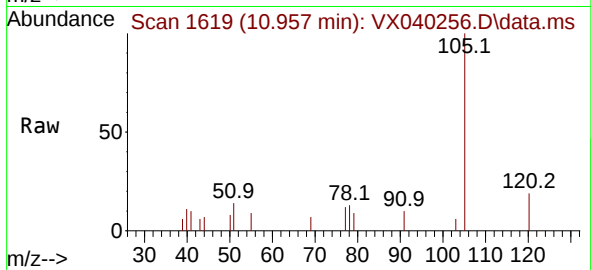
30985

Tgt Ion:105 Resp: 2079

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.6



#78

n-propylbenzene

Concen: 1.138 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040256.D

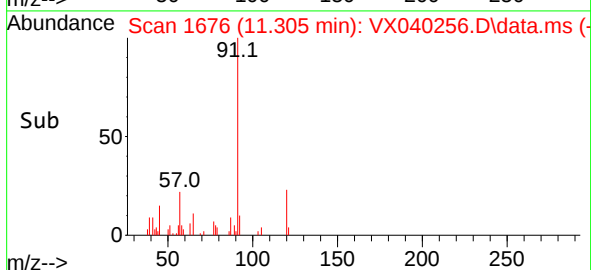
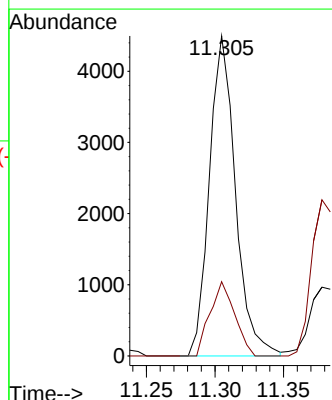
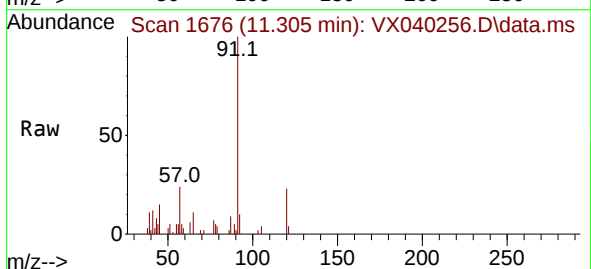
Acq: 15 Feb 2024 16:45

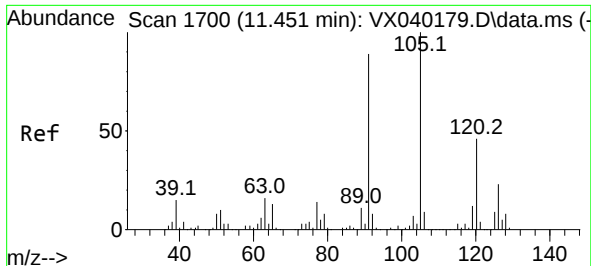
Tgt Ion: 91 Resp: 5946

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

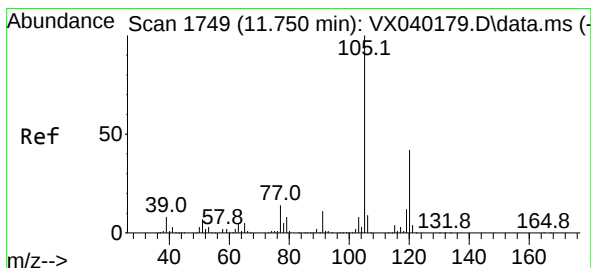
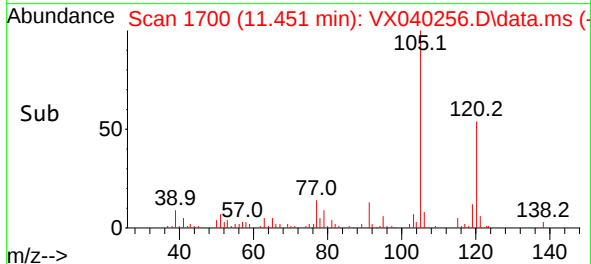
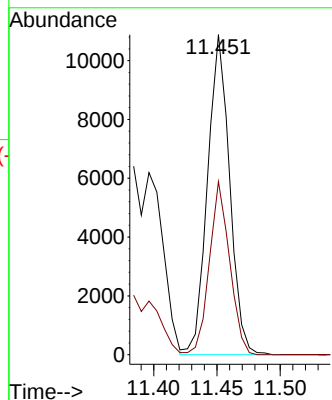
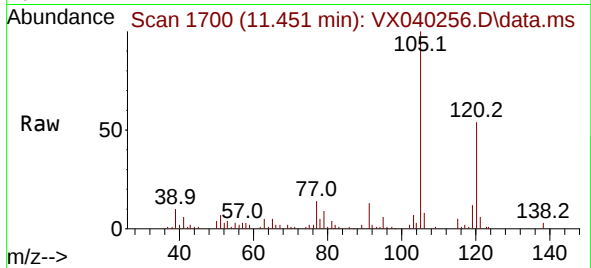




#80
1,3,5-Trimethylbenzene
Concen: 3.634 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

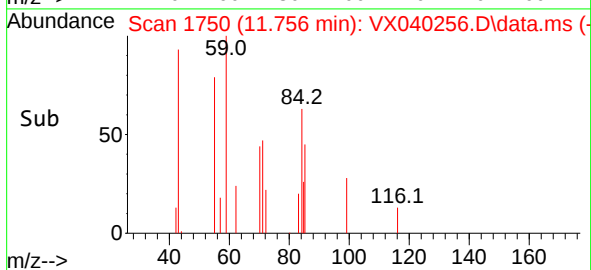
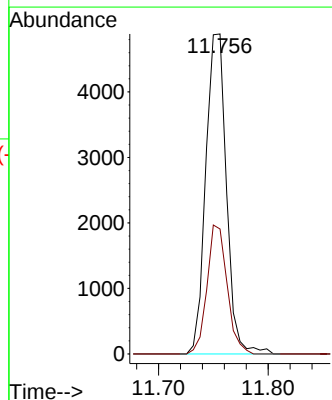
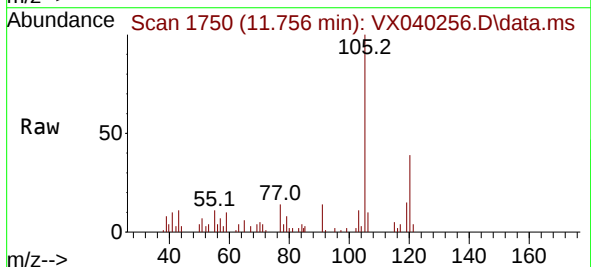
Instrument :
MSVOA_X
ClientSampleId :
30985

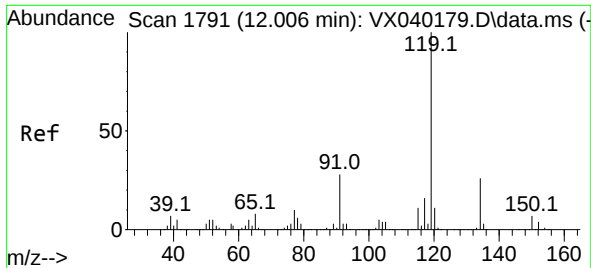
Tgt Ion:105 Resp: 13204
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 1.741 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion:105 Resp: 6399
Ion Ratio Lower Upper
105 100
120 39.1 21.2 63.6

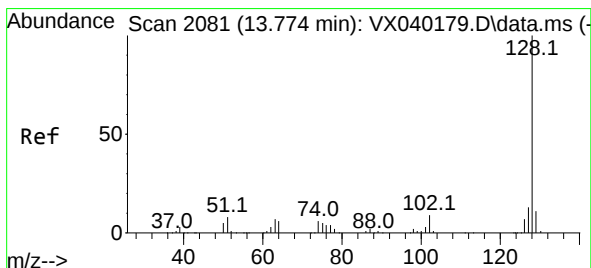
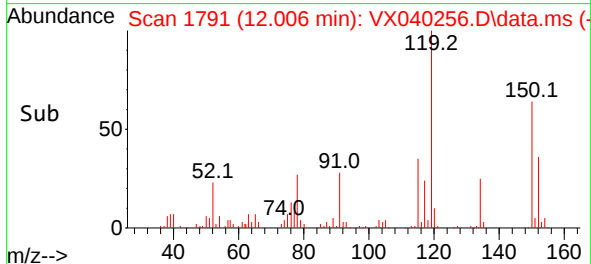
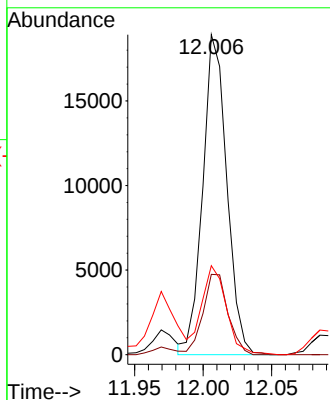
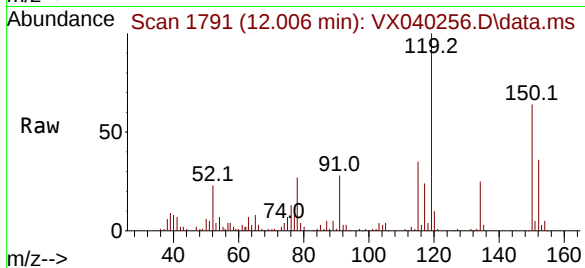




#86
p-Isopropyltoluene
Concen: 6.154 ug/l
RT: 12.006 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :
30985

Tgt Ion:119 Resp: 23092
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 28.6 13.1 39.3



#95
Naphthalene
Concen: 0.237 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040256.D
Acq: 15 Feb 2024 16:45

Tgt Ion:128 Resp: 1001
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 9.3 8.8 13.2

