

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026261.D
 Acq On : 04 Jan 2022 07:47
 Operator : JC/MD
 Sample : M5336-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40568

Quant Time: Jan 04 17:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

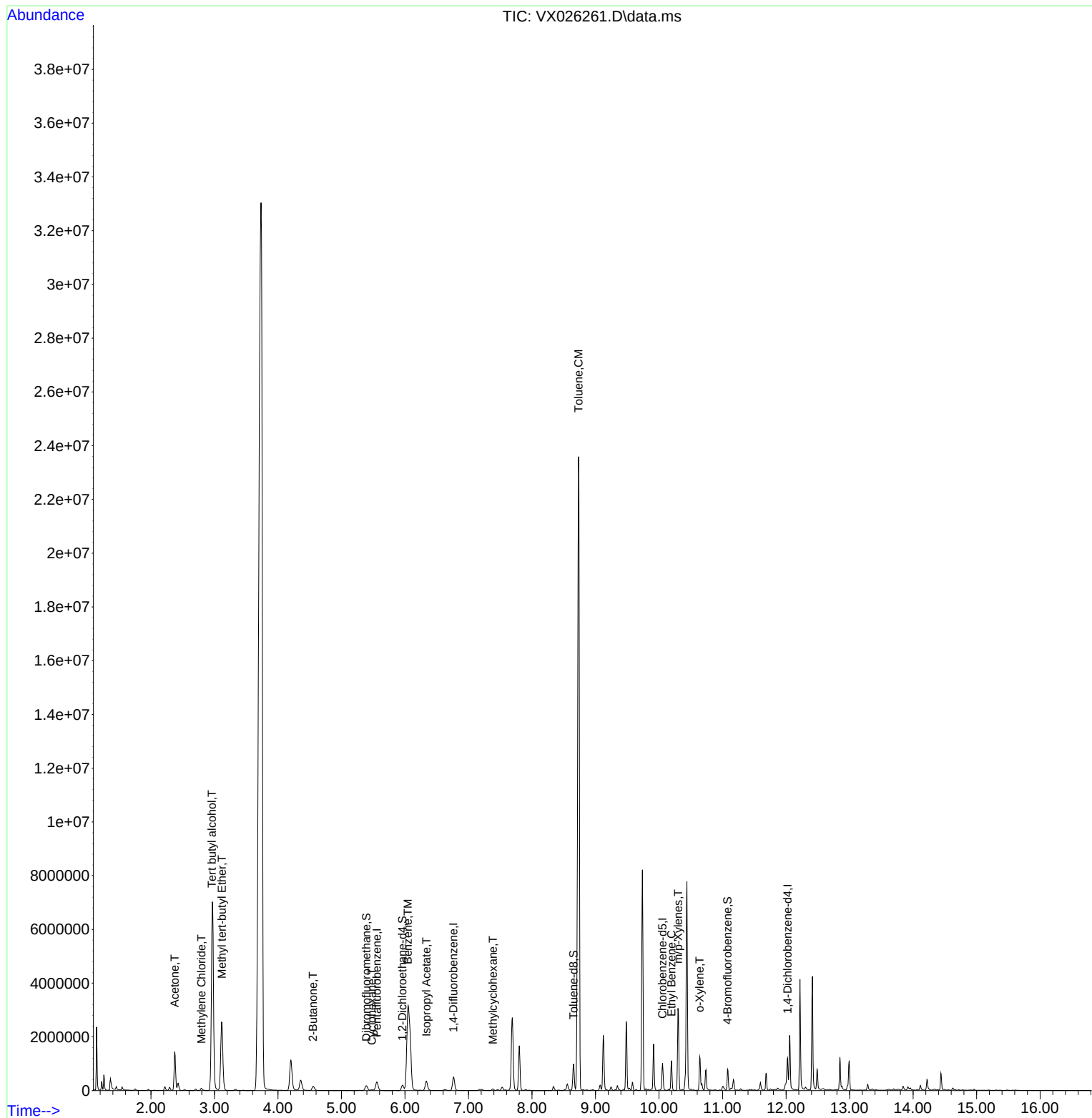
Internal Standards						
1) Pentafluorobenzene	5.556	168	295129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203629	47.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	160477	48.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	8.653	98	592300	48.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	216704	49.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1274623	1494.653	ug/l #	83
16) Acetone	2.373	43	1549373	669.751	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2924523	256.199	ug/l	98
20) Methylene Chloride	2.794	84	34906	8.655	ug/l	94
25) 2-Butanone	4.550	43	270196	83.847	ug/l	98
31) Cyclohexane	5.477	56	18659	3.069	ug/l	98
39) Methylcyclohexane	7.385	83	27604	4.631	ug/l	92
40) Benzene	6.044	78	3485216	231.119	ug/l	97
43) Isopropyl Acetate	6.336	43	112356	11.253	ug/l #	68
52) Toluene	8.732	92	10875231	1171.465	ug/l	78
67) Ethyl Benzene	10.195	91	602360	35.161	ug/l	98
68) m/p-Xylenes	10.299	106	696744	108.926	ug/l	95
69) o-Xylene	10.640	106	255711	40.858	ug/l	93

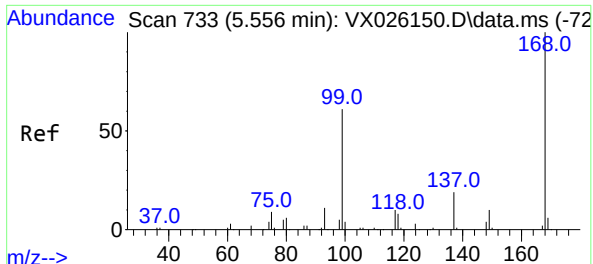
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
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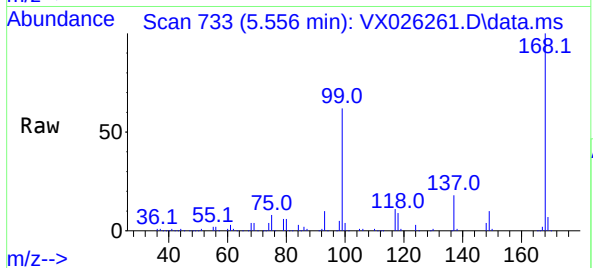
Quant Time: Jan 04 17:33:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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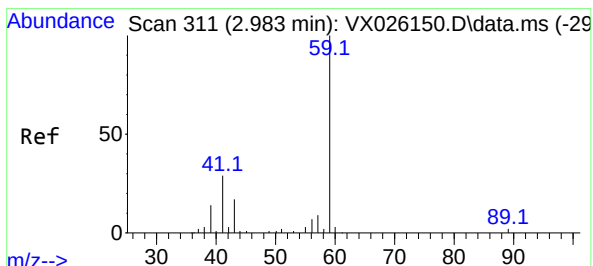
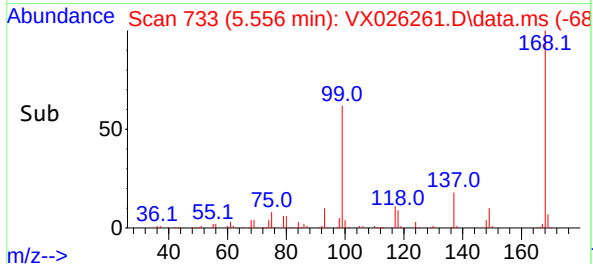
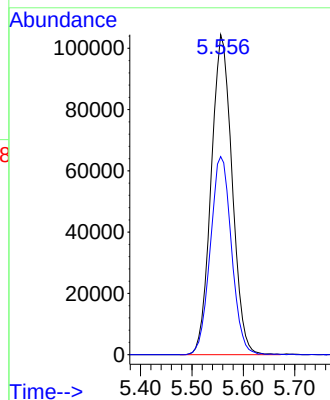


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Instrument :
MSVOA_X
ClientSampleId :
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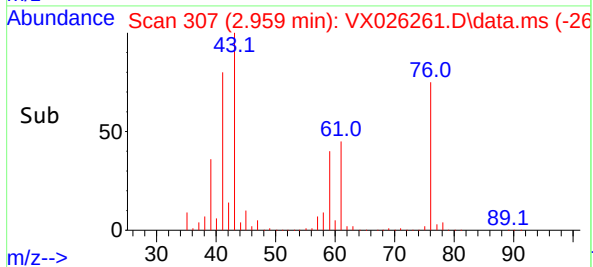
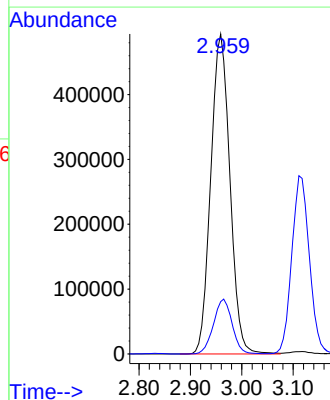
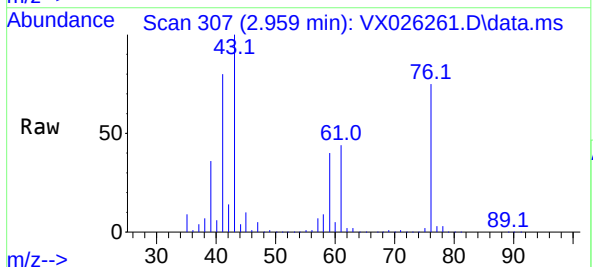


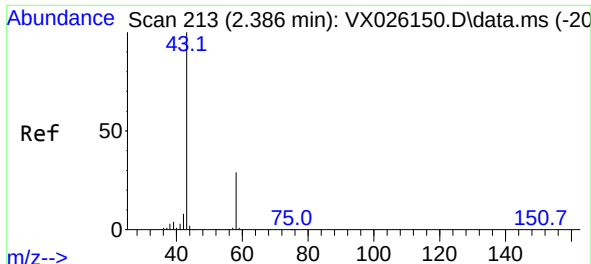
Tgt Ion:168 Resp: 295129
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.8



#11
Tert butyl alcohol
Concen: 1494.653 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion: 59 Resp: 1274623
Ion Ratio Lower Upper
59 100
57 16.7 8.2 12.2#

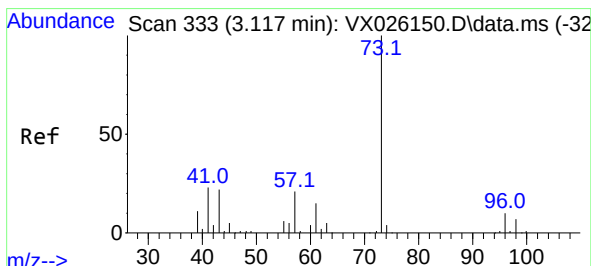
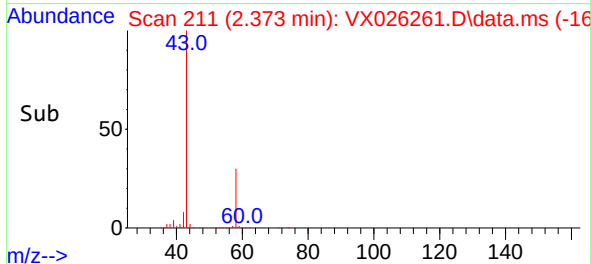
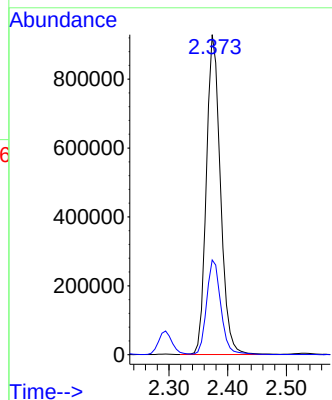
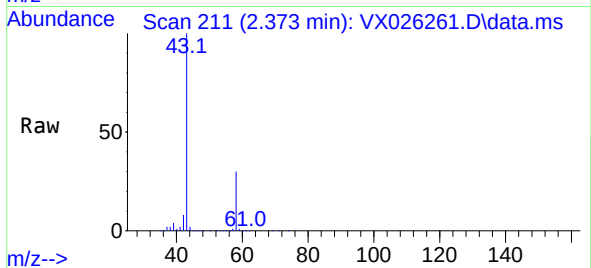




#16
Acetone
Concen: 669.751 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

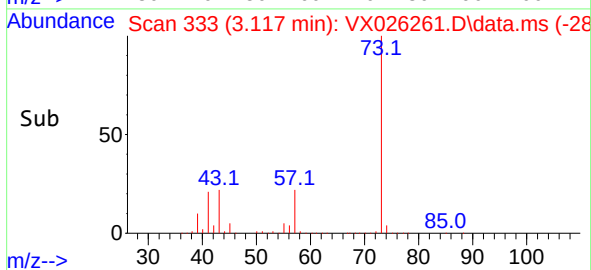
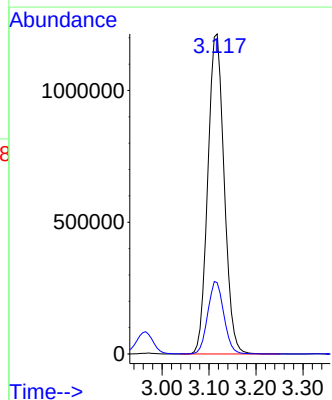
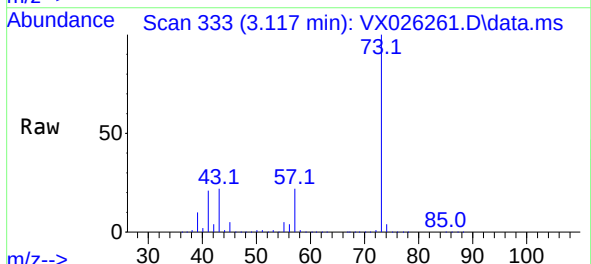
Instrument :
MSVOA_X
ClientSampleId :
40568

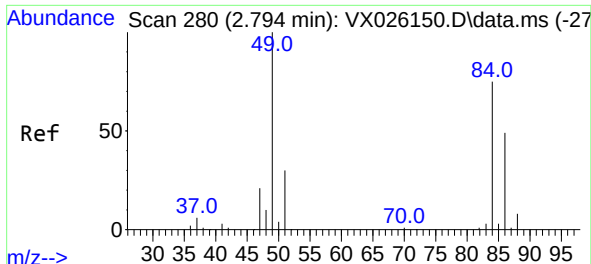
Tgt Ion: 43 Resp: 1549373
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2



#19
Methyl tert-butyl Ether
Concen: 256.199 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion: 73 Resp: 2924523
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6

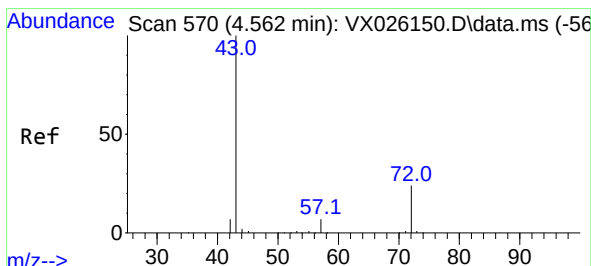
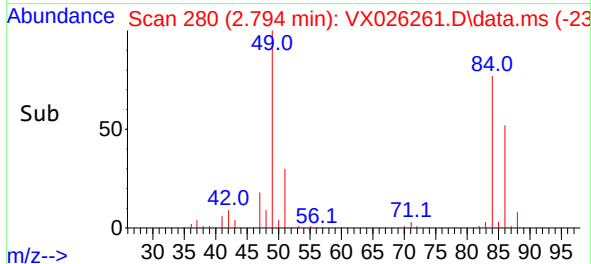
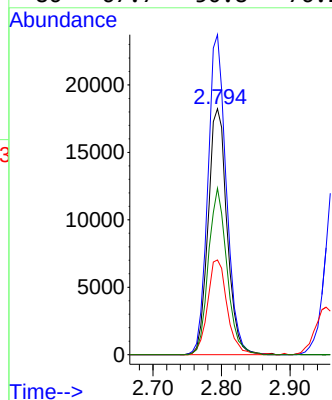
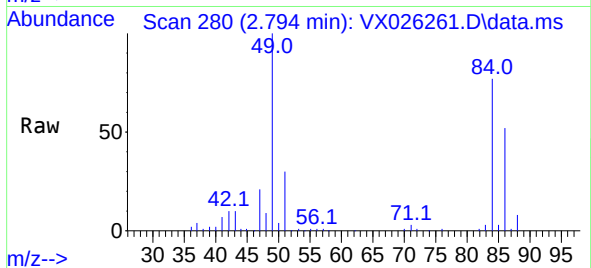




#20
Methylene Chloride
Concen: 8.655 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

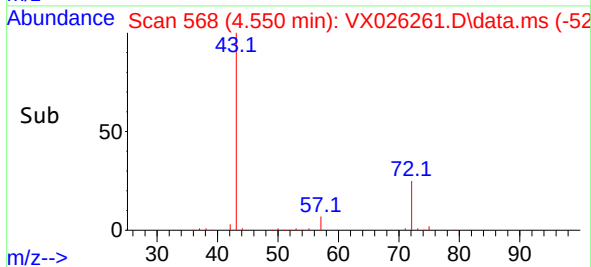
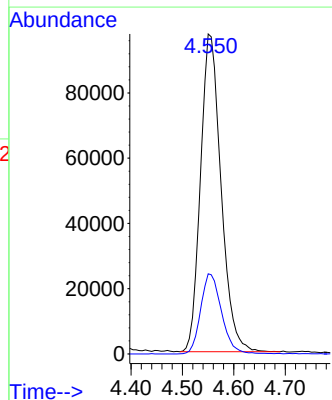
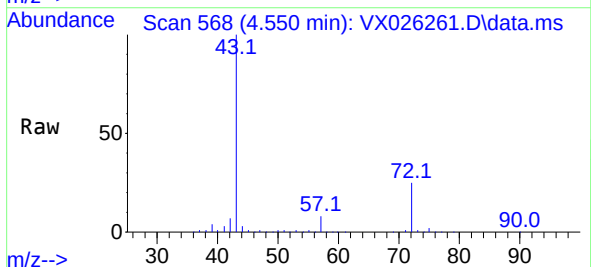
Instrument :
MSVOA_X
ClientSampleId :
40568

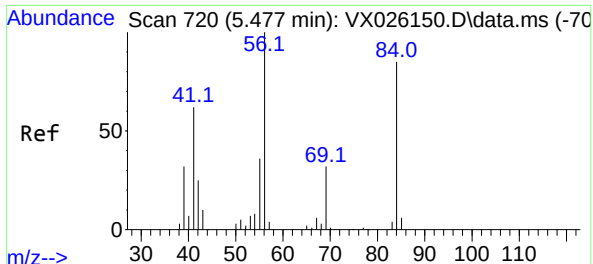
Tgt Ion:	84	Resp:	34906
Ion	Ratio	Lower	Upper
84	100		
49	130.1	97.1	145.7
51	38.5	29.3	43.9
86	67.7	50.8	76.2



#25
2-Butanone
Concen: 83.847 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.012 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion:	43	Resp:	270196
Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.0	31.4





#31

Cyclohexane

Concen: 3.069 ug/l

RT: 5.477 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX026261.D

Acq: 04 Jan 2022 07:47

Instrument :

MSVOA_X

ClientSampleId :

40568

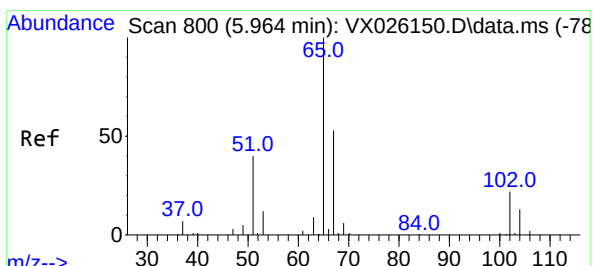
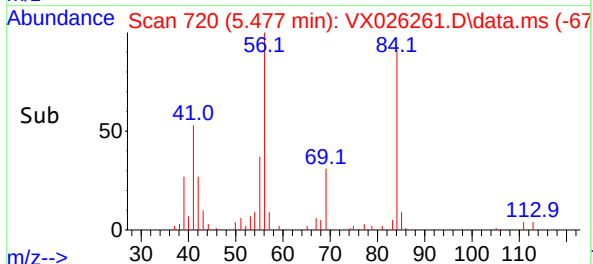
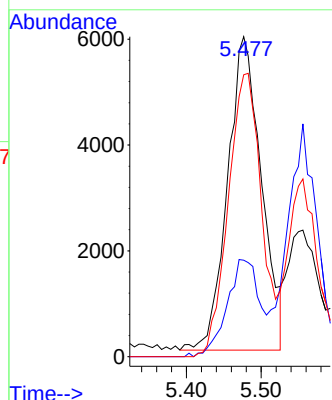
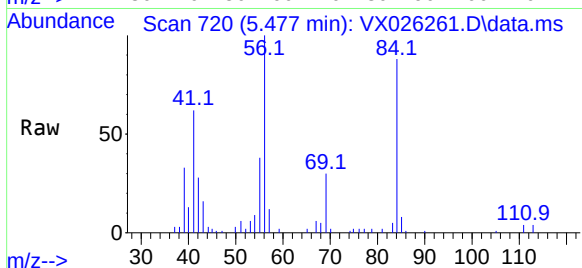
Tgt Ion: 56 Resp: 18659

Ion Ratio Lower Upper

56 100

69 30.8 23.9 35.9

84 89.9 73.2 109.8



#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026261.D

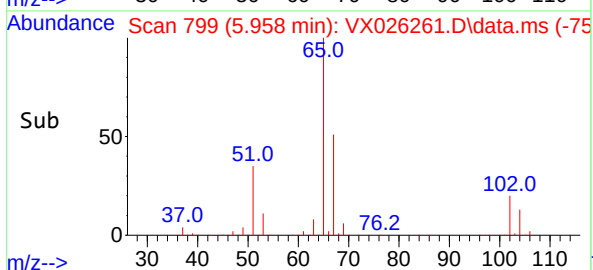
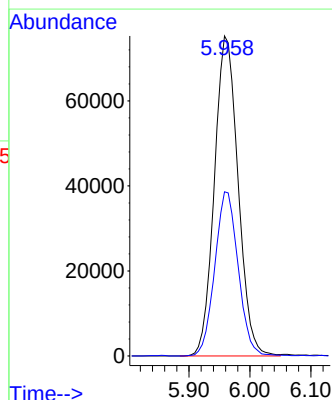
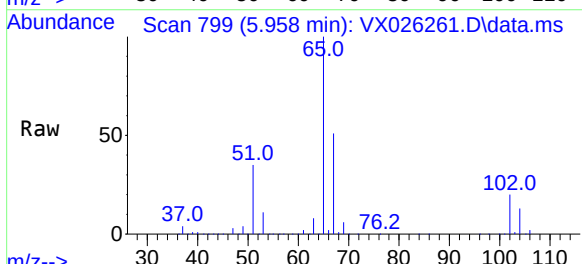
Acq: 04 Jan 2022 07:47

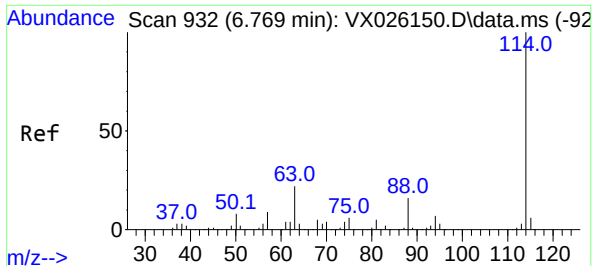
Tgt Ion: 65 Resp: 203629

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4

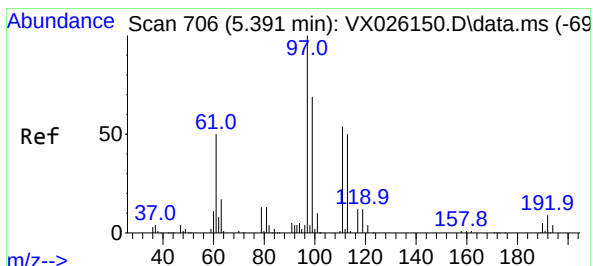
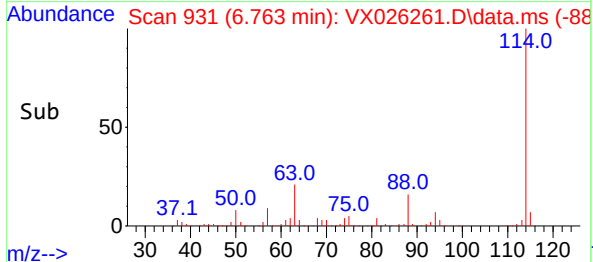
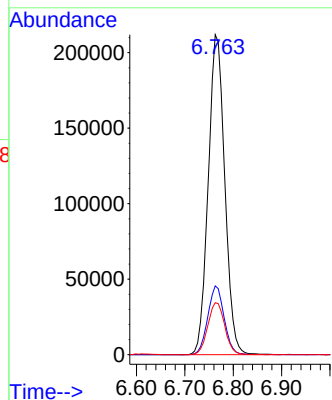
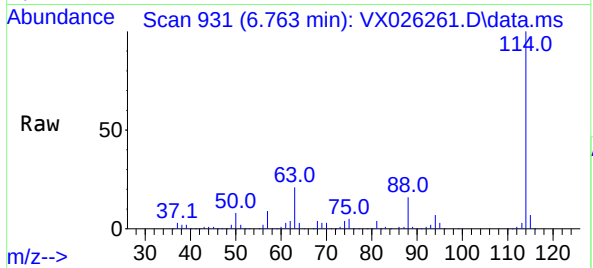




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

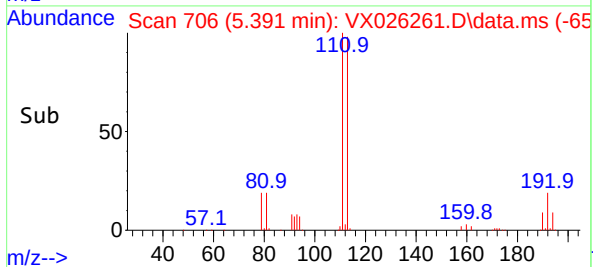
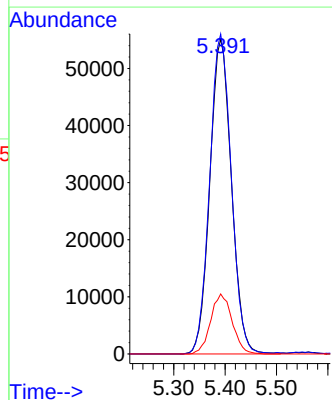
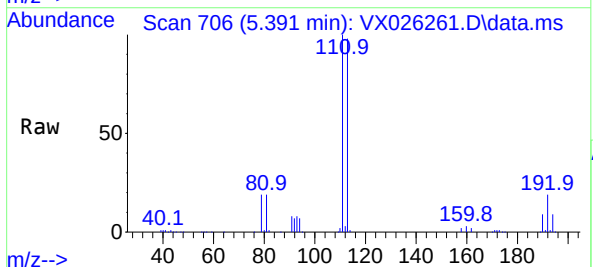
Instrument :
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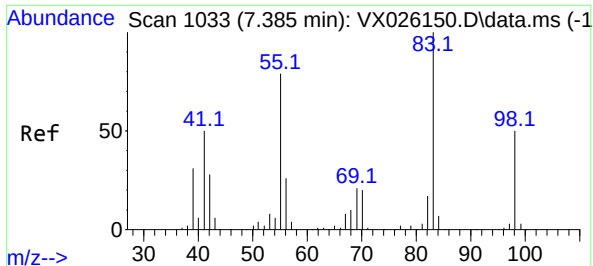
Tgt Ion:114 Resp: 503883
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion:113 Resp: 160477
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 19.0 15.0 22.4





#39

Methylcyclohexane

Concen: 4.631 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026261.D

Acq: 04 Jan 2022 07:47

Instrument :

MSVOA_X

ClientSampleId :

40568

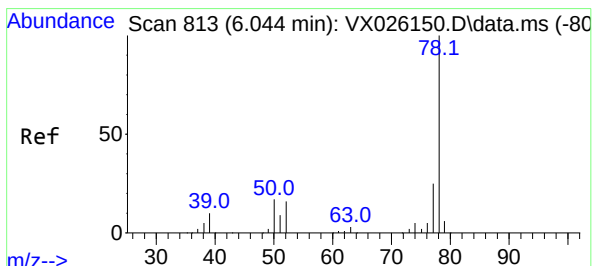
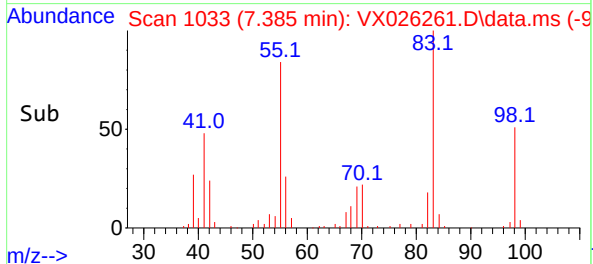
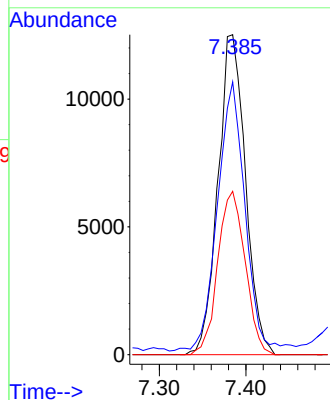
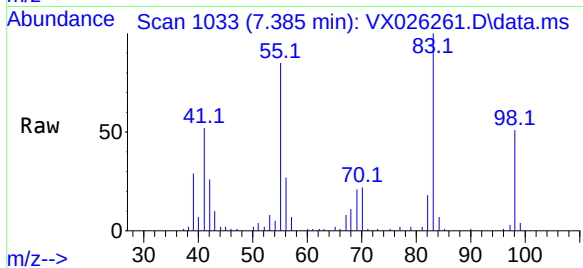
Tgt Ion: 83 Resp: 27604

Ion Ratio Lower Upper

83 100

55 83.3 57.8 86.8

98 51.1 40.5 60.7



#40

Benzene

Concen: 231.119 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026261.D

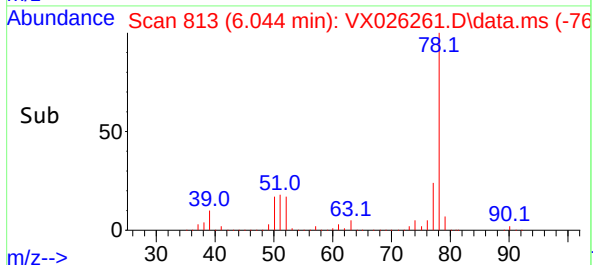
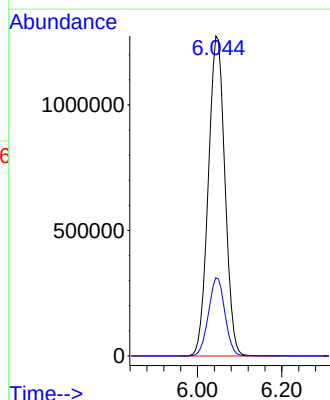
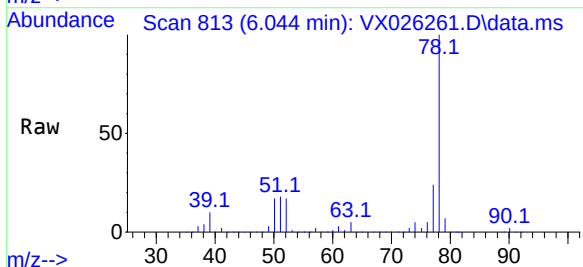
Acq: 04 Jan 2022 07:47

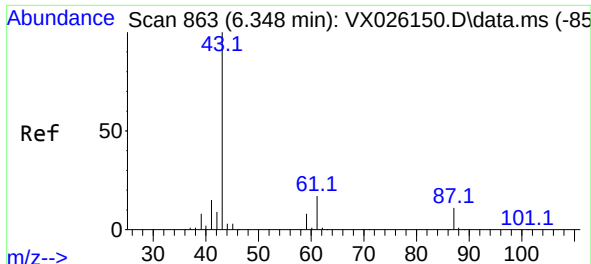
Tgt Ion: 78 Resp: 3485216

Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8

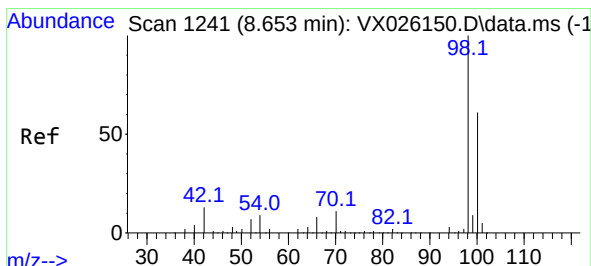
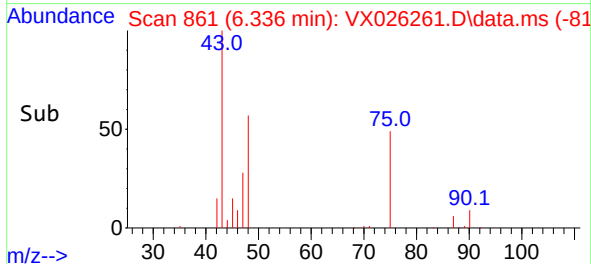
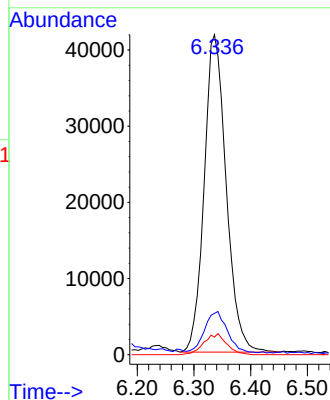
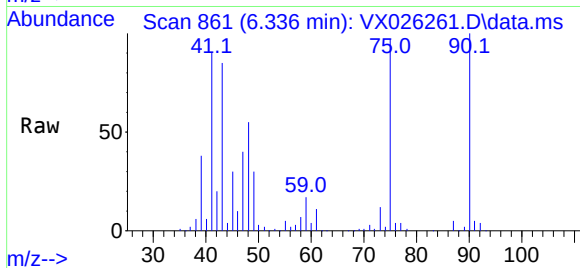




#43
Isopropyl Acetate
Concen: 11.253 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

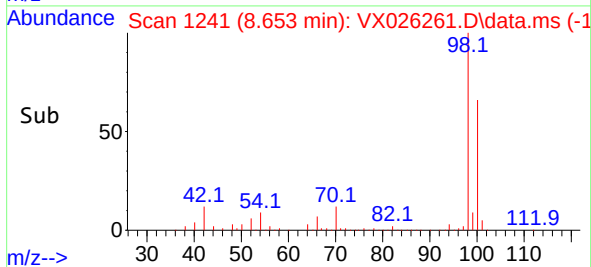
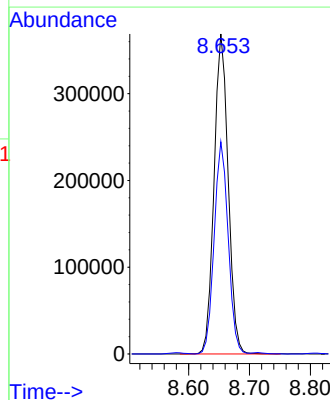
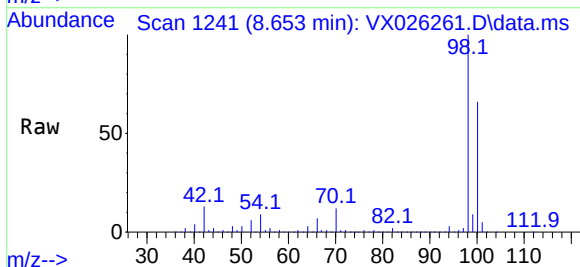
Instrument :
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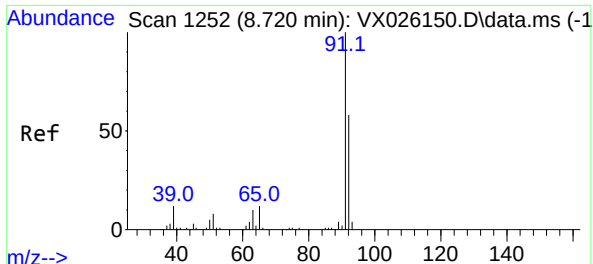
Tgt Ion: 43 Resp: 112356
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 6.8 11.2 16.8#



#50
Toluene-d8
Concen: 48.608 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion: 98 Resp: 592300
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#52

Toluene

Concen: 1171.465 ug/l

RT: 8.732 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX026261.D

Acq: 04 Jan 2022 07:47

Instrument :

MSVOA_X

ClientSampleId :

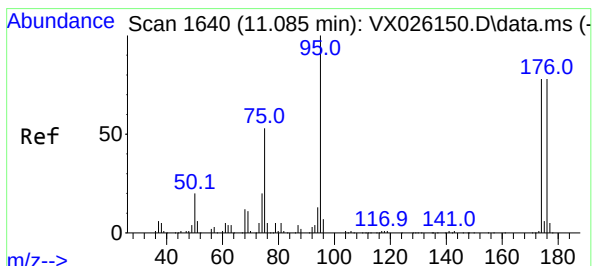
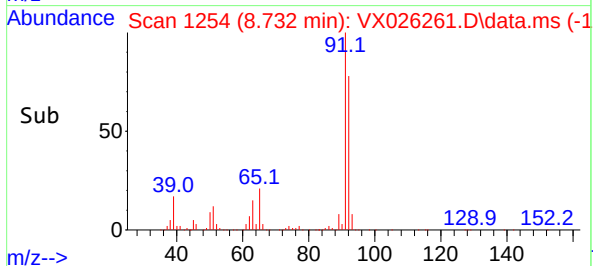
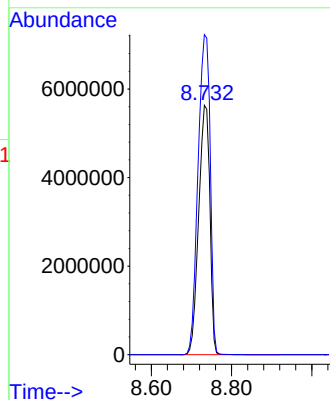
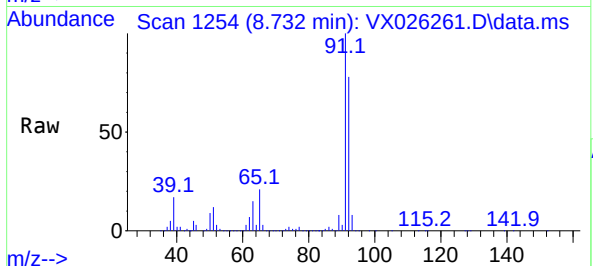
40568

Tgt Ion: 92 Resp:10875231

Ion Ratio Lower Upper

92 100

91 140.0 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 49.958 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026261.D

Acq: 04 Jan 2022 07:47

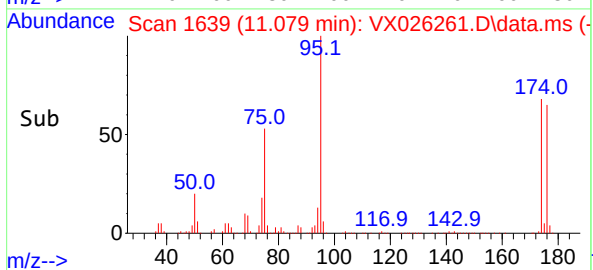
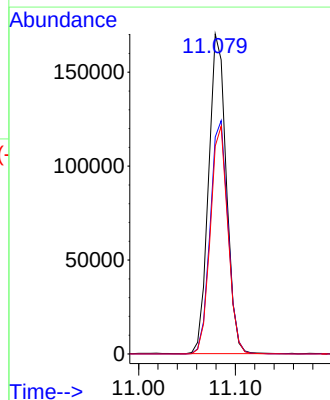
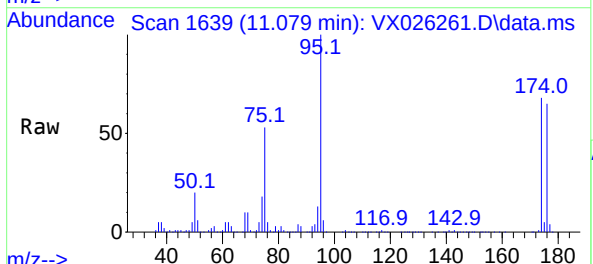
Tgt Ion: 95 Resp: 216704

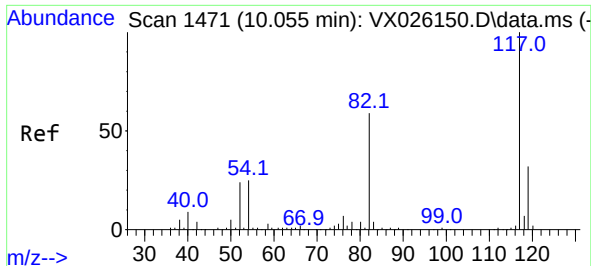
Ion Ratio Lower Upper

95 100

174 73.5 0.0 157.4

176 70.5 0.0 154.6

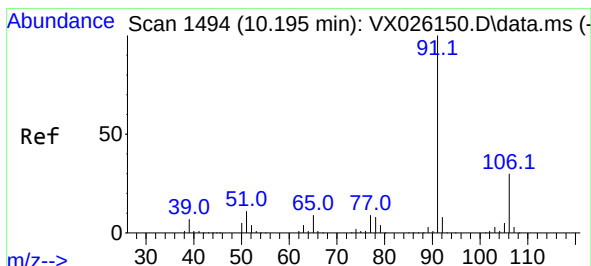
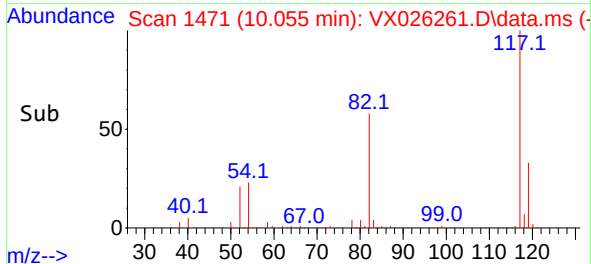
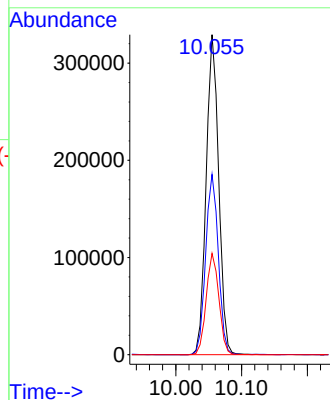
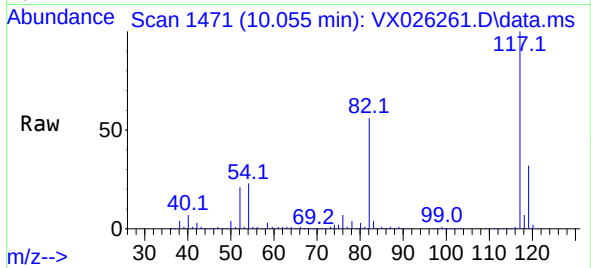




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

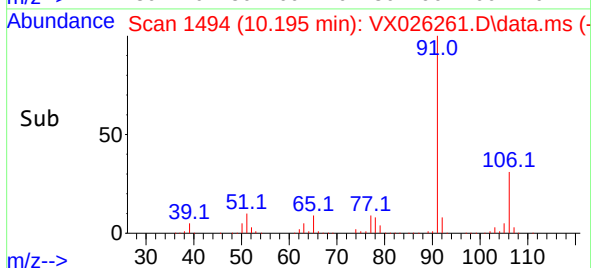
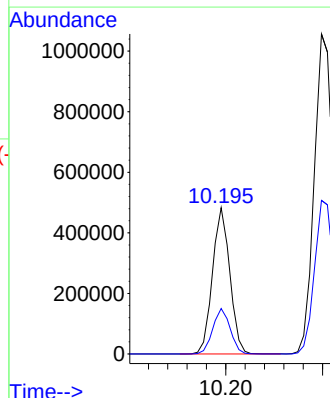
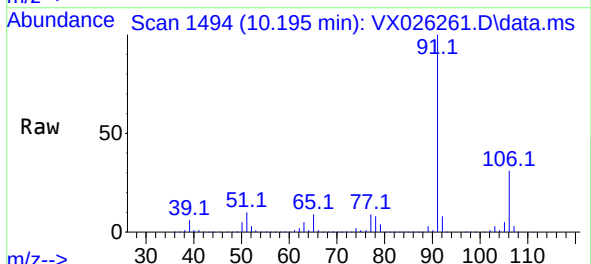
Instrument :
MSVOA_X
ClientSampleId :
40568

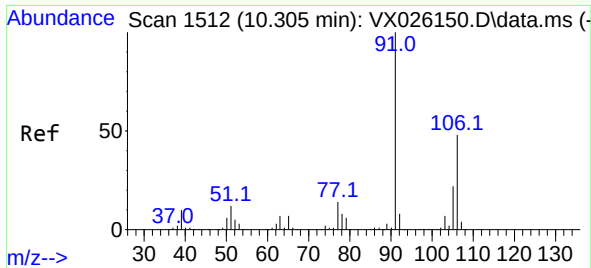
Tgt Ion:117 Resp: 436139
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.6
119 31.7 25.2 37.8



#67
Ethyl Benzene
Concen: 35.161 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion: 91 Resp: 602360
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

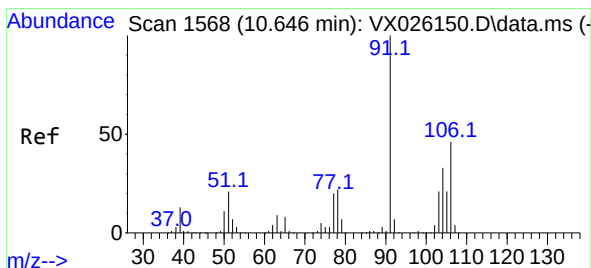
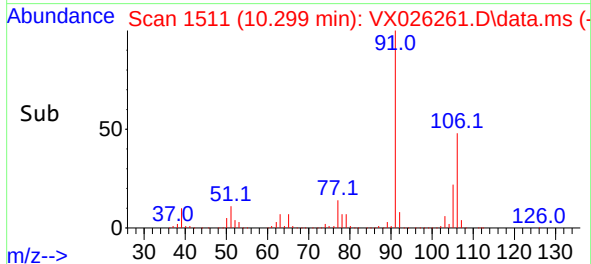
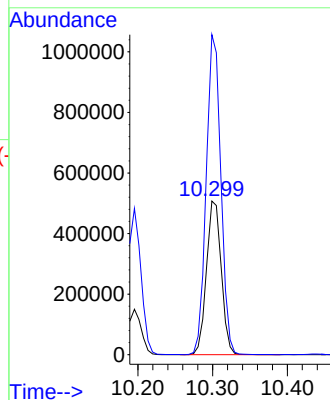
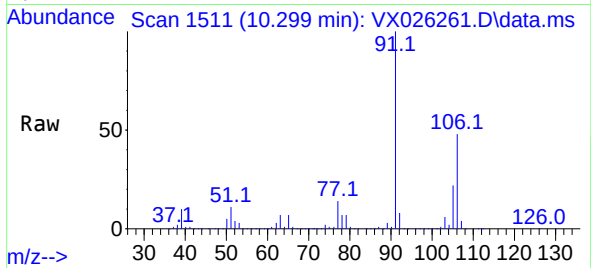




#68
m/p-Xylenes
Concen: 108.926 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

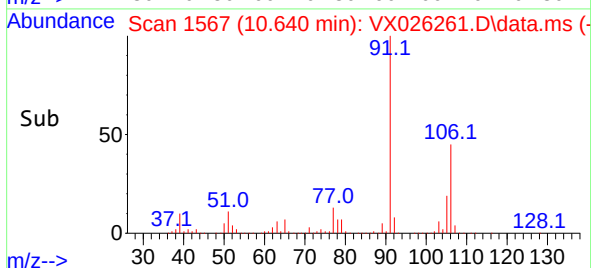
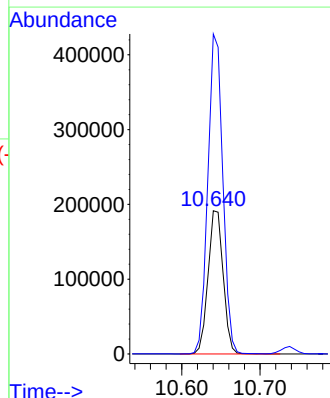
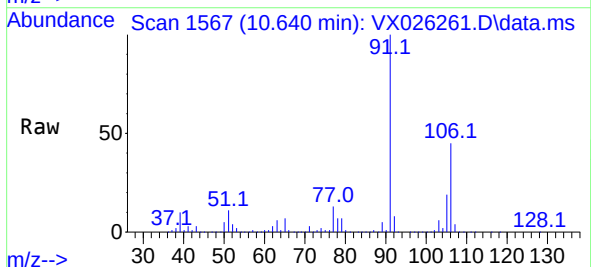
Instrument :
MSVOA_X
ClientSampleId :
40568

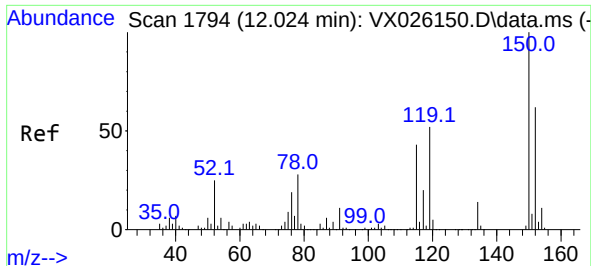
Tgt Ion:106 Resp: 696744
Ion Ratio Lower Upper
106 100
91 206.0 158.6 238.0



#69
o-Xylene
Concen: 40.858 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Tgt Ion:106 Resp: 255711
Ion Ratio Lower Upper
106 100
91 221.2 105.5 316.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026261.D
Acq: 04 Jan 2022 07:47

Instrument :
MSVOA_X
ClientSampleId :
40568

Tgt Ion:152 Resp: 203386
Ion Ratio Lower Upper
152 100
115 60.6 41.3 123.9
150 164.9 0.0 351.8

