

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026259.D
 Acq On : 04 Jan 2022 07:01
 Operator : JC/MD
 Sample : M5336-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40565

Quant Time: Jan 04 17:32:29 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)

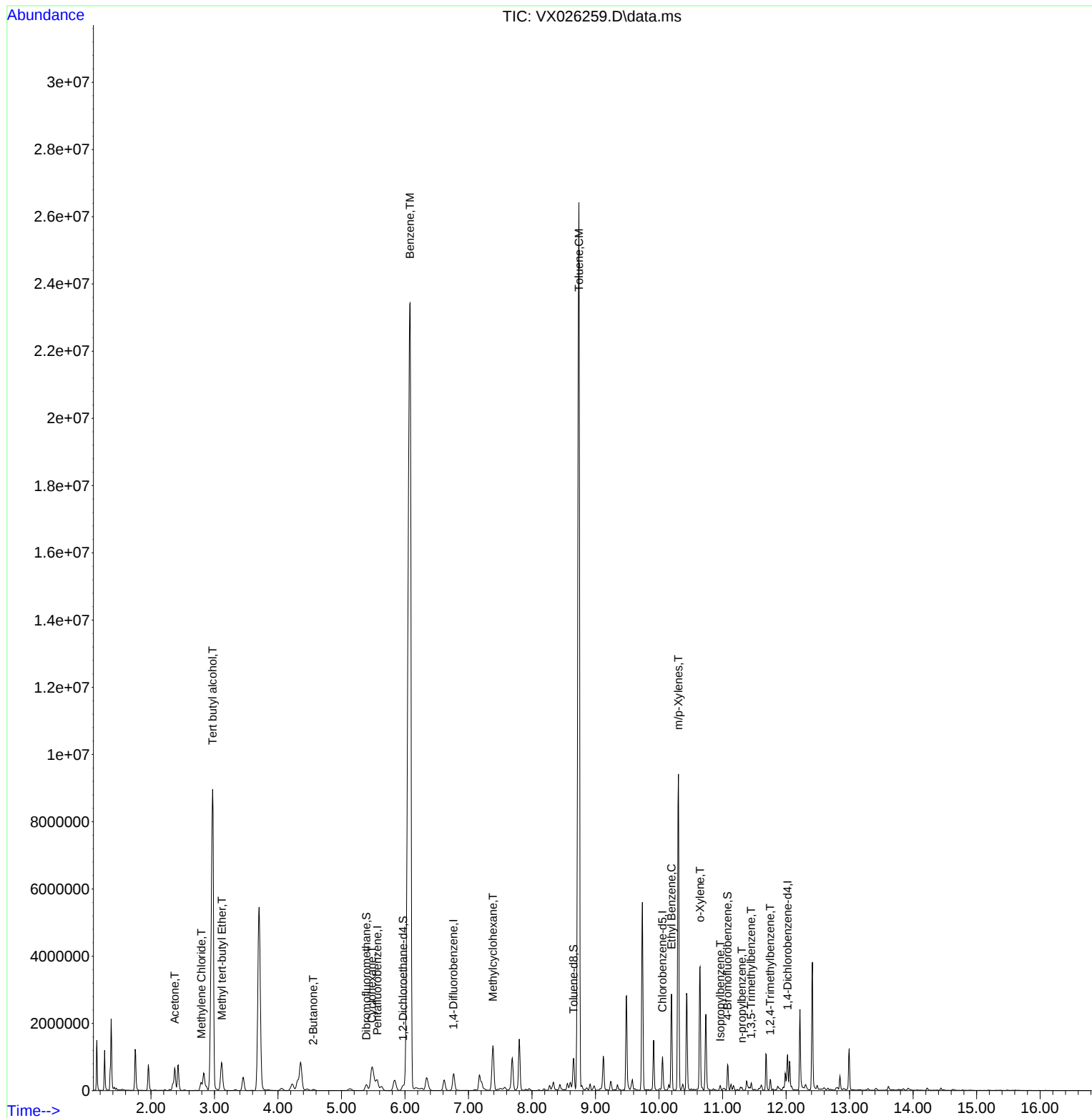
Internal Standards						
1) Pentafluorobenzene	5.562	168	291927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	498096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	201024	47.599	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.391	113	157175	48.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.653	98	585273	48.590	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	212208	49.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	11809298	13999.750	ug/l	95
16) Acetone	2.373	43	765143	334.378	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	535493	47.426	ug/l #	24
20) Methylene Chloride	2.794	84	32690	8.143	ug/l #	89
25) 2-Butanone	4.556	43	51961	16.301	ug/l	93
31) Cyclohexane	5.477	56	515381	85.691	ug/l	95
39) Methylcyclohexane	7.385	83	596531	101.251	ug/l	94
40) Benzene	6.080	78	28914748	1939.736	ug/l #	67
52) Toluene	8.738	92	12604137	1373.474	ug/l	76
67) Ethyl Benzene	10.195	91	1593176	94.537	ug/l	99
68) m/p-Xylenes	10.305	106	2211215	351.415	ug/l	100
69) o-Xylene	10.646	106	779727	126.648	ug/l	96
73) Isopropylbenzene	10.963	105	65080	4.095	ug/l	98
78) n-propylbenzene	11.305	91	44806	2.452	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	83100	6.301	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	135037	10.248	ug/l	97

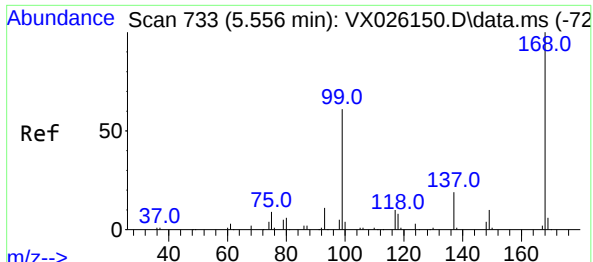
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026259.D
Acq On : 04 Jan 2022 07:01
Operator : JC/MD
Sample : M5336-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
40565

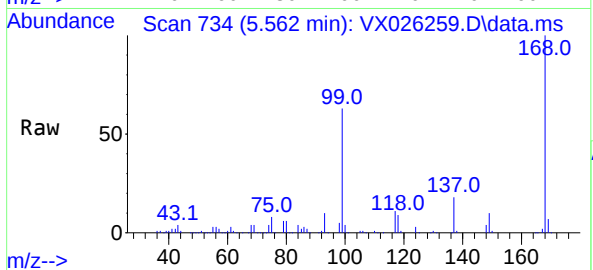
Quant Time: Jan 04 17:32:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



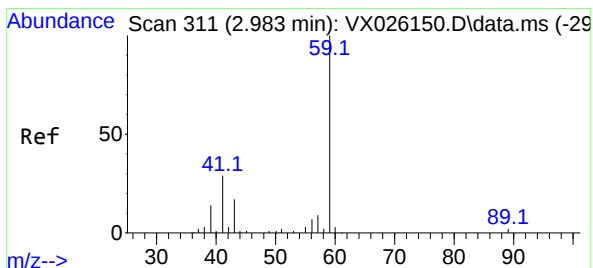
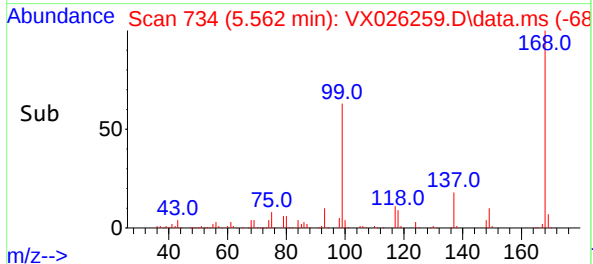
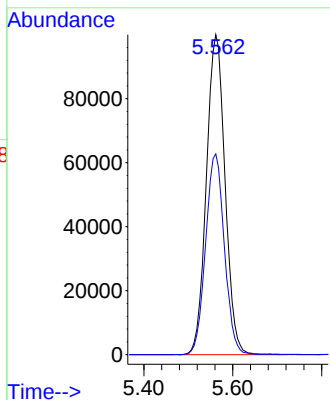


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :
40565

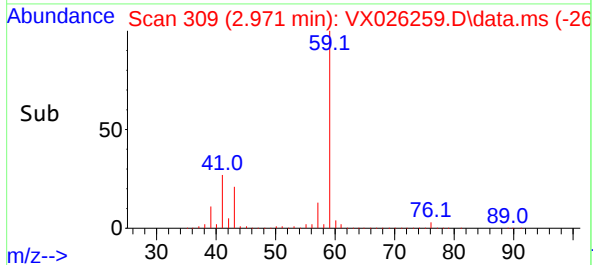
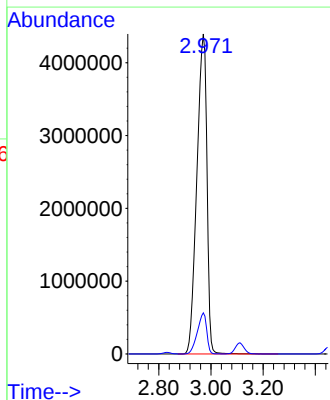
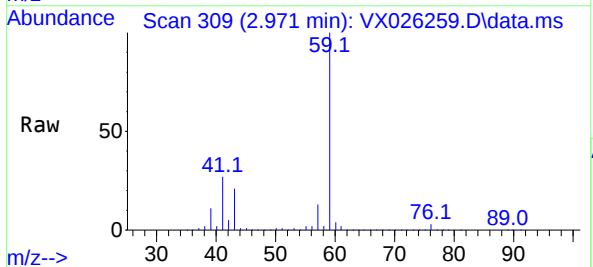


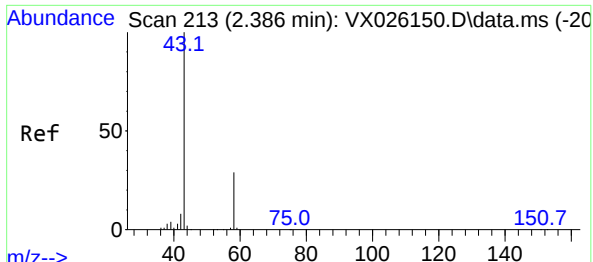
Tgt Ion:168 Resp: 291927
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 13999.750 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 59 Resp:11809298
Ion Ratio Lower Upper
59 100
57 11.9 8.2 12.2

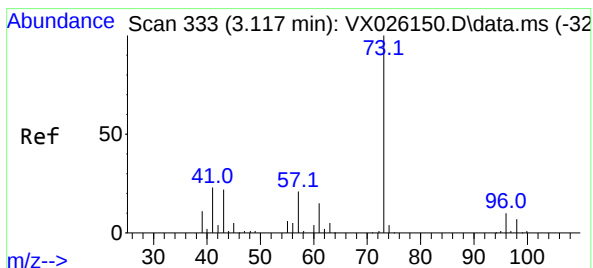
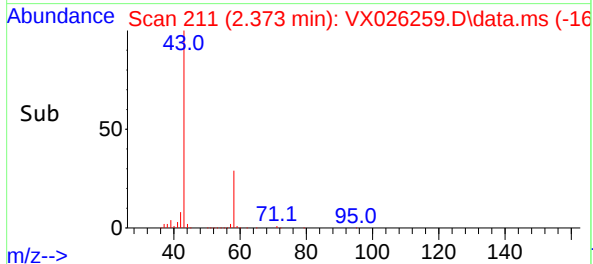
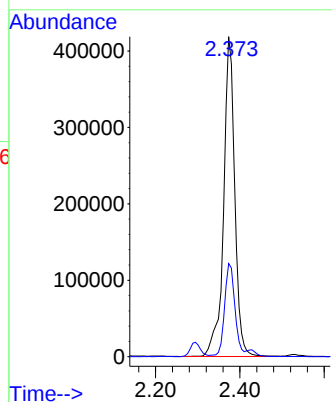
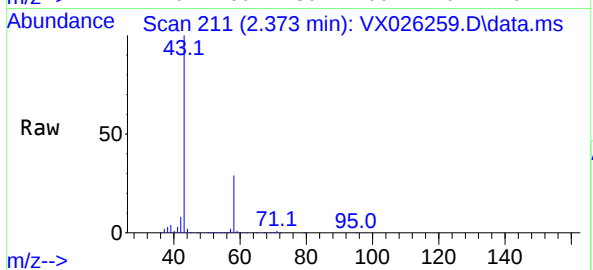




#16
Acetone
Concen: 334.378 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.013 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

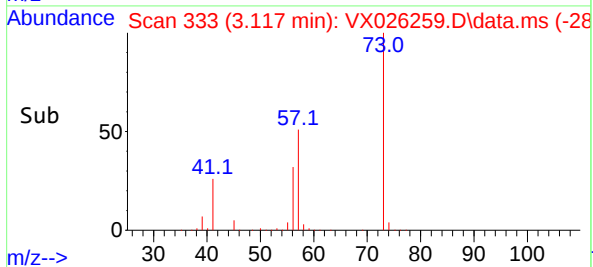
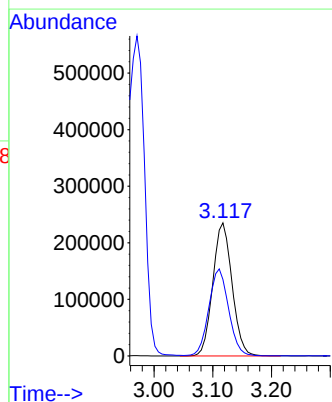
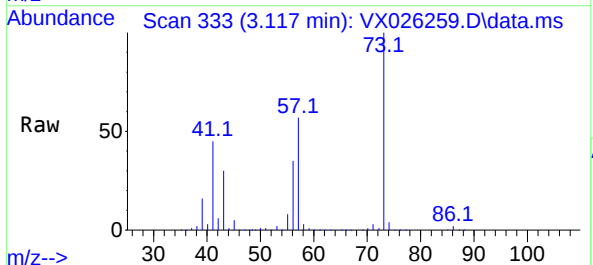
Instrument :
MSVOA_X
ClientSampleId :
40565

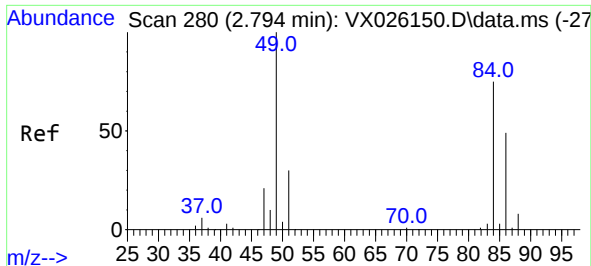
Tgt Ion: 43 Resp: 765143
Ion Ratio Lower Upper
43 100
58 29.1 24.8 37.2



#19
Methyl tert-butyl Ether
Concen: 47.426 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 73 Resp: 535493
Ion Ratio Lower Upper
73 100
57 57.3 17.0 25.6#





#20

Methylene Chloride

Concen: 8.143 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026259.D

Acq: 04 Jan 2022 07:01

Instrument :

MSVOA_X

ClientSampleId :

40565

Tgt Ion: 84 Resp: 32690

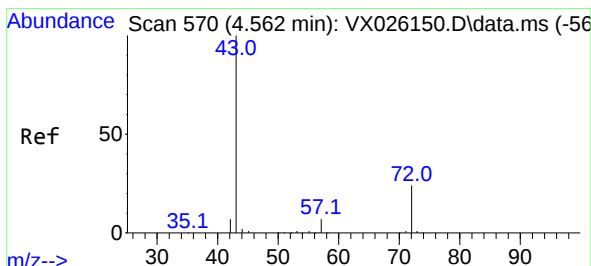
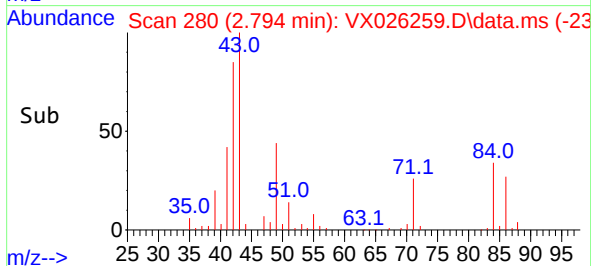
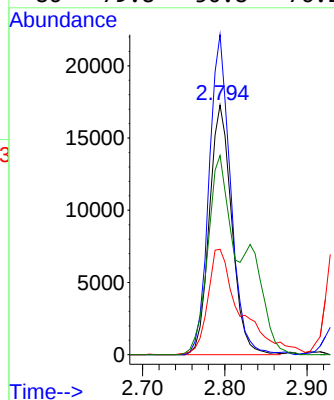
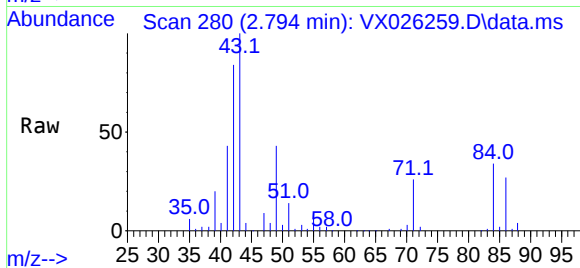
Ion Ratio Lower Upper

84 100

49 128.2 97.1 145.7

51 41.9 29.3 43.9

86 79.8 50.8 76.2#



#25

2-Butanone

Concen: 16.301 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX026259.D

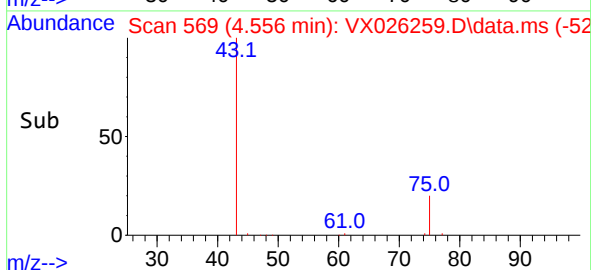
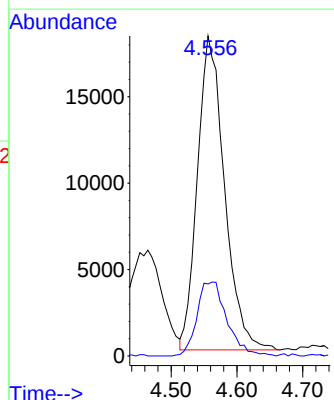
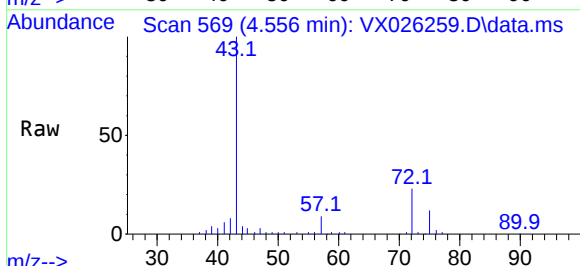
Acq: 04 Jan 2022 07:01

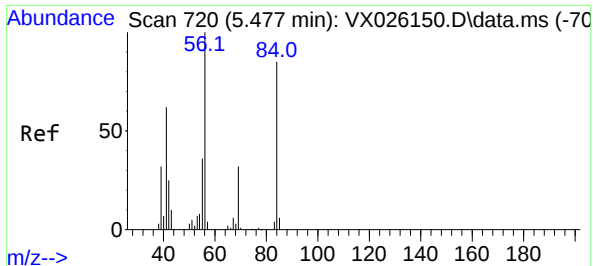
Tgt Ion: 43 Resp: 51961

Ion Ratio Lower Upper

43 100

72 22.5 21.0 31.4

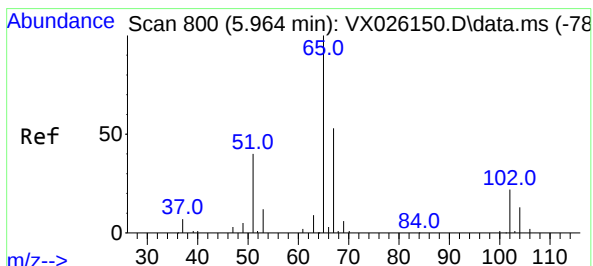
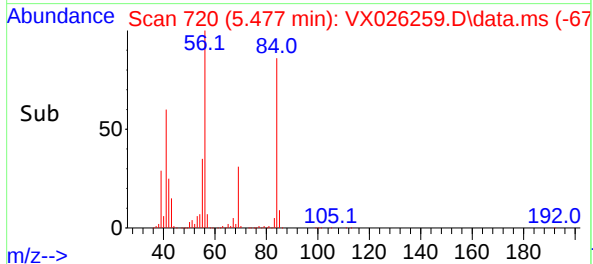
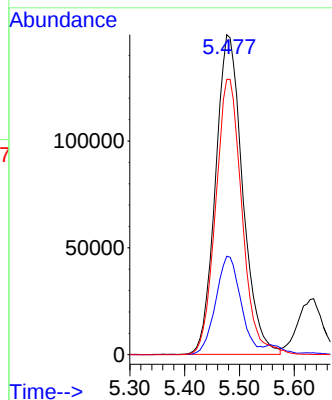
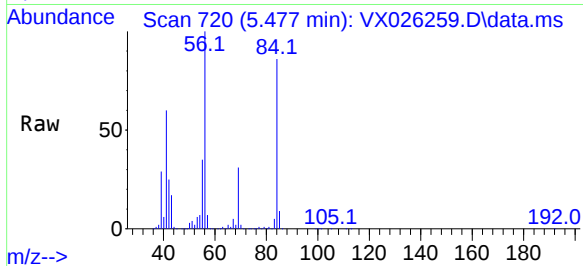




#31
Cyclohexane
Concen: 85.691 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

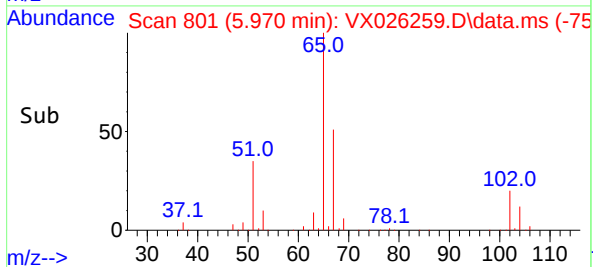
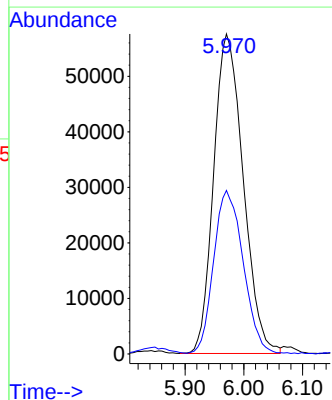
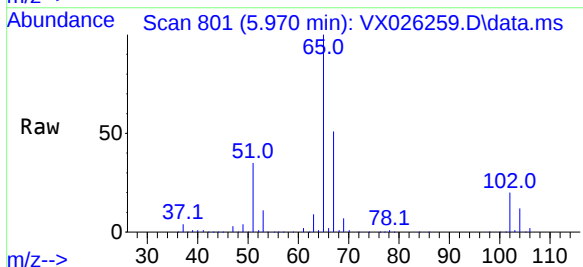
Instrument :
MSVOA_X
ClientSampleId :
40565

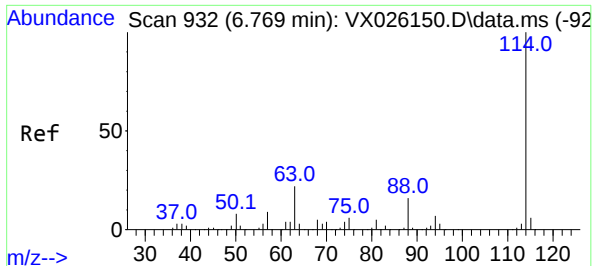
Tgt Ion: 56 Resp: 515381
Ion Ratio Lower Upper
56 100
69 30.7 23.9 35.9
84 86.1 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 47.599 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 65 Resp: 201024
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

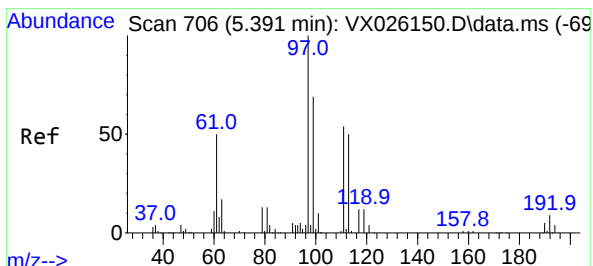
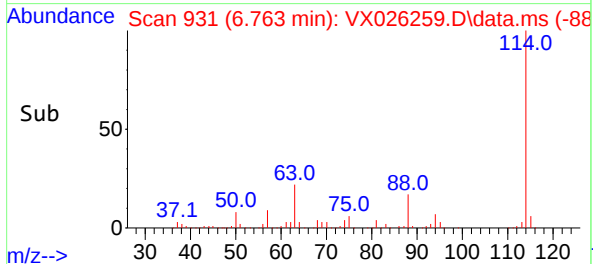
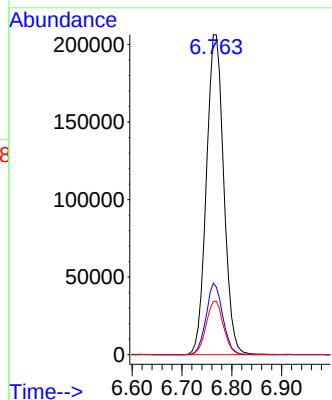
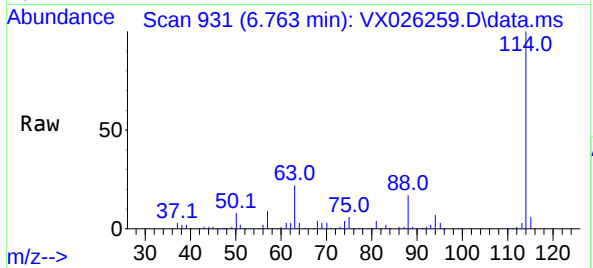




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

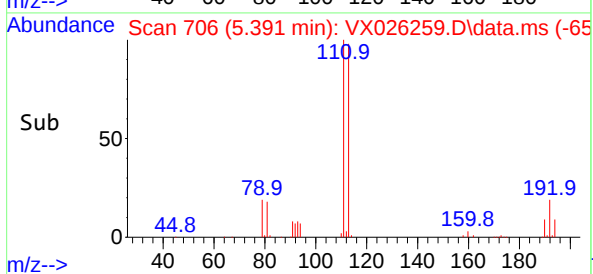
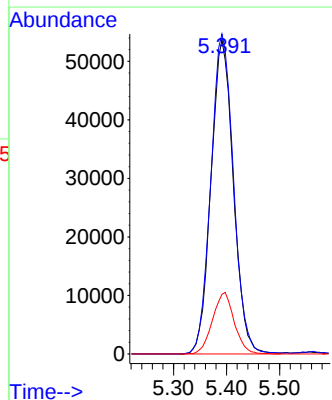
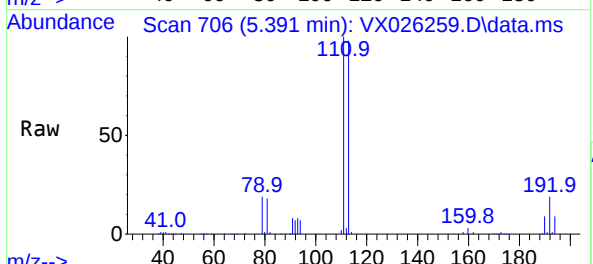
Instrument :
MSVOA_X
ClientSampleId :
40565

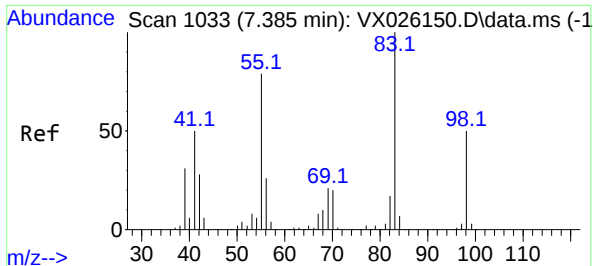
Tgt Ion:114 Resp: 498096
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.537 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion:113 Resp: 157175
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 19.1 15.0 22.4





#39

Methylcyclohexane

Concen: 101.251 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026259.D

Acq: 04 Jan 2022 07:01

Instrument :

MSVOA_X

ClientSampleId :

40565

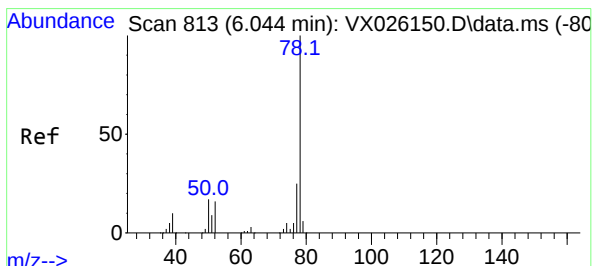
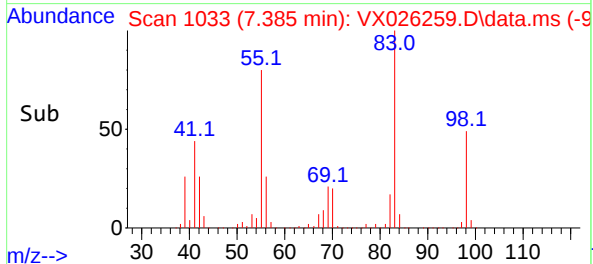
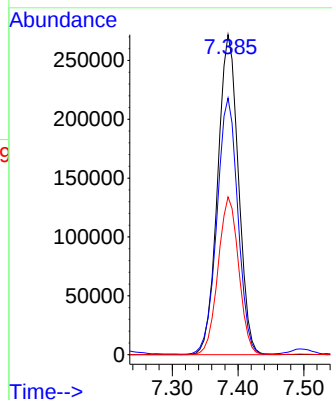
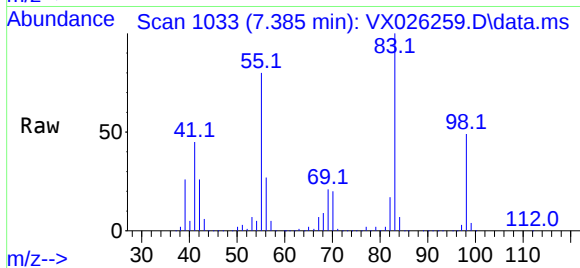
Tgt Ion: 83 Resp: 596531

Ion Ratio Lower Upper

83 100

55 80.1 57.8 86.8

98 49.3 40.5 60.7



#40

Benzene

Concen: 1939.736 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.036 min

Lab File: VX026259.D

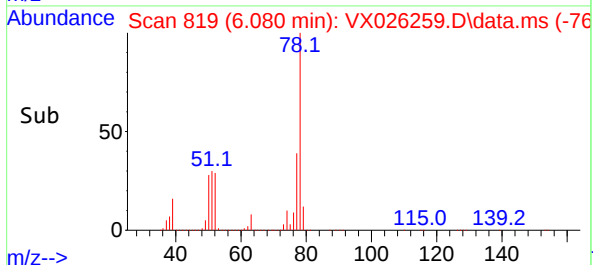
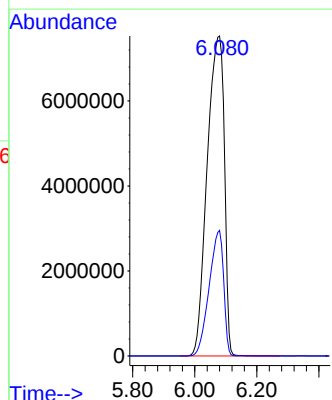
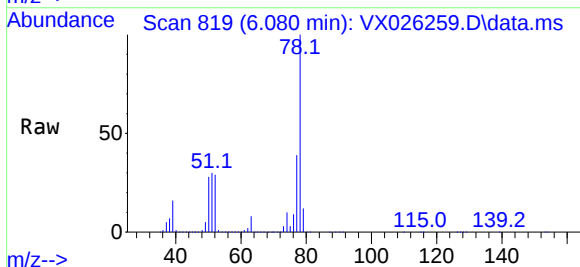
Acq: 04 Jan 2022 07:01

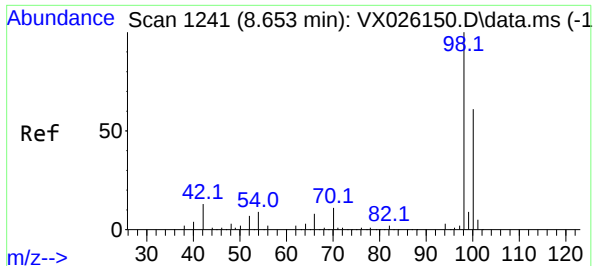
Tgt Ion: 78 Resp: 28914748

Ion Ratio Lower Upper

78 100

77 39.2 18.6 27.8#





#50

Toluene-d8

Concen: 48.590 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026259.D

Acq: 04 Jan 2022 07:01

Instrument :

MSVOA_X

ClientSampleId :

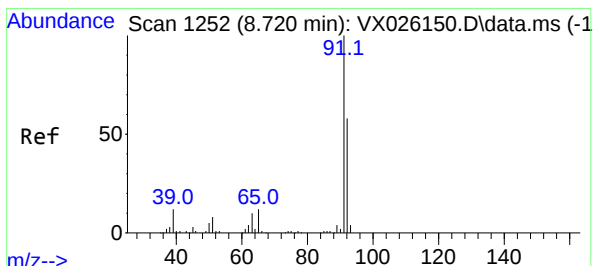
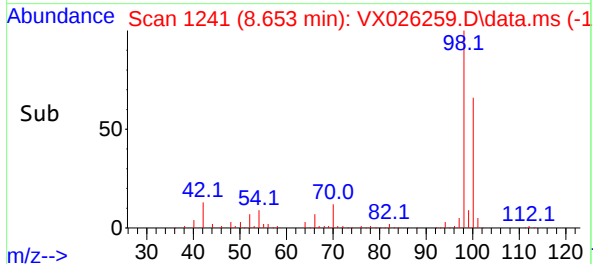
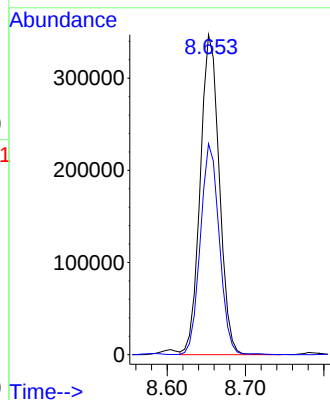
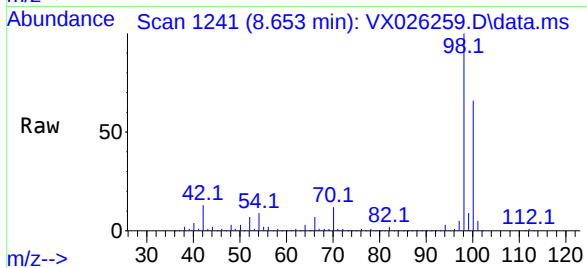
40565

Tgt Ion: 98 Resp: 585273

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#52

Toluene

Concen: 1373.474 ug/l

RT: 8.738 min Scan# 1255

Delta R.T. 0.018 min

Lab File: VX026259.D

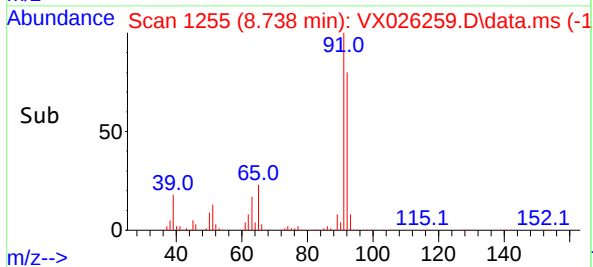
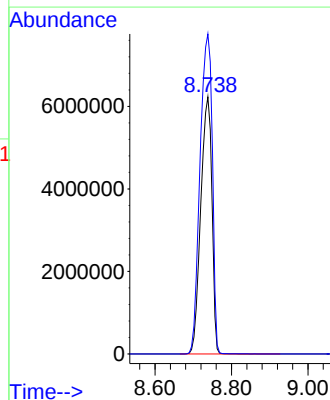
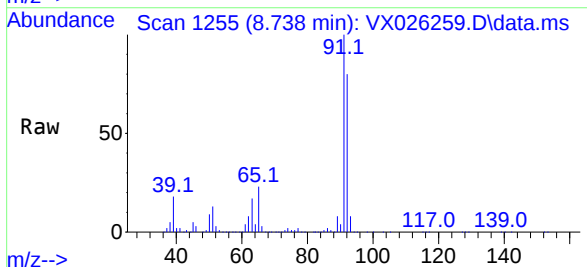
Acq: 04 Jan 2022 07:01

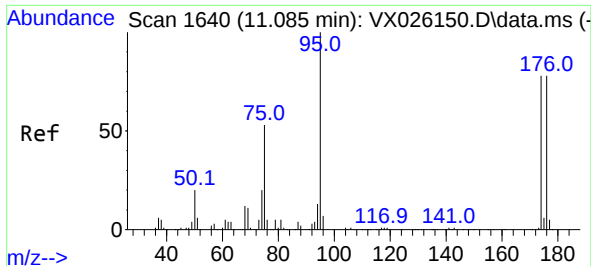
Tgt Ion: 92 Resp:12604137

Ion Ratio Lower Upper

92 100

91 137.0 136.0 204.0

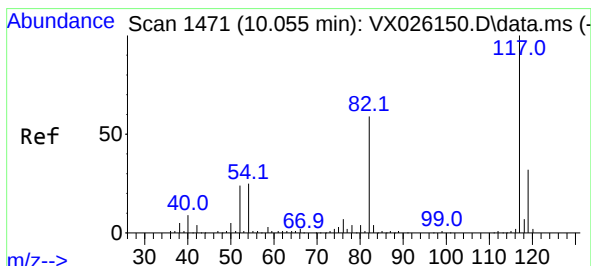
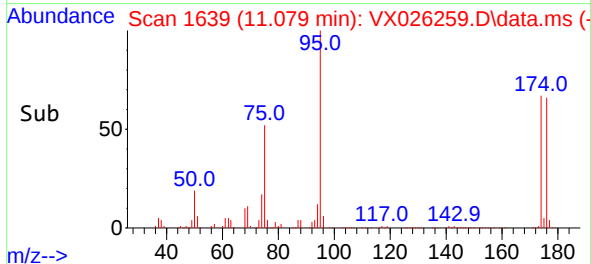
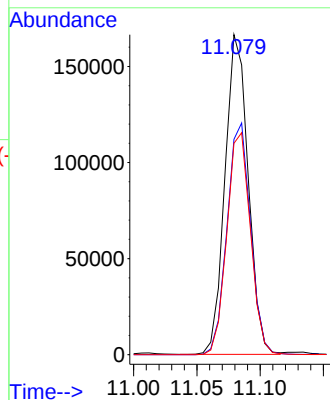
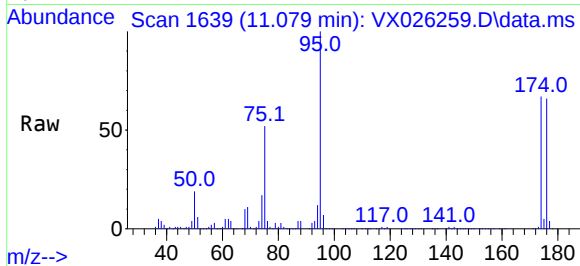




#62
4-Bromofluorobenzene
Concen: 49.490 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

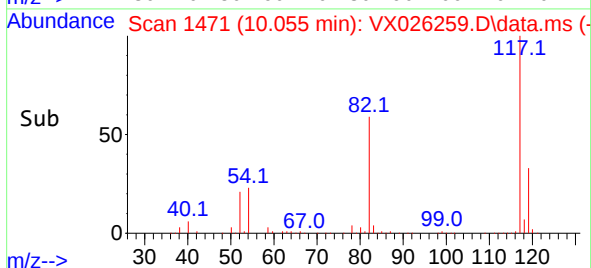
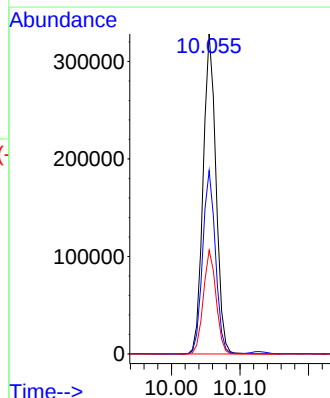
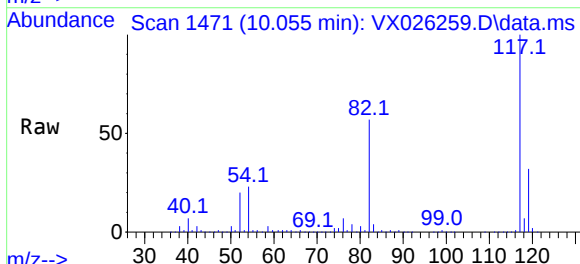
Instrument :
MSVOA_X
ClientSampleId :
40565

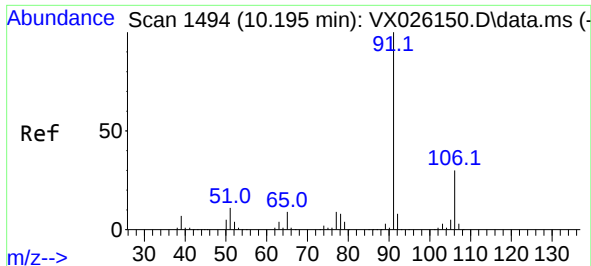
Tgt Ion: 95 Resp: 212208
Ion Ratio Lower Upper
95 100
174 73.6 0.0 157.4
176 70.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 117 Resp: 429036
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.6
119 32.5 25.2 37.8

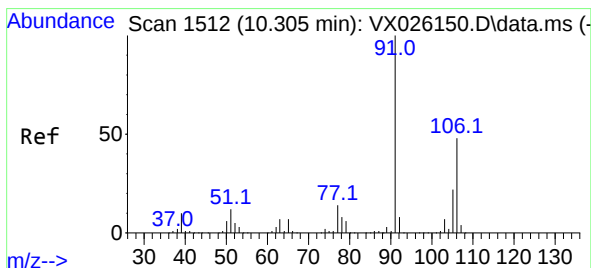
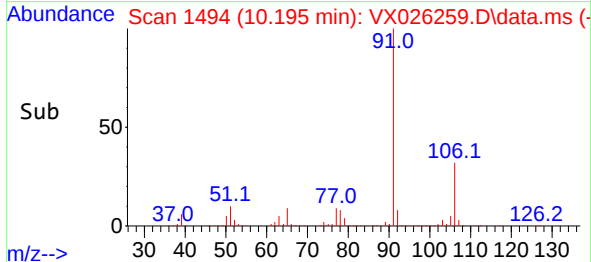
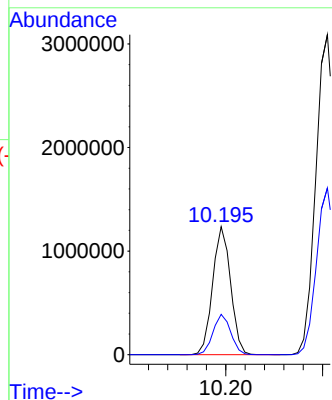
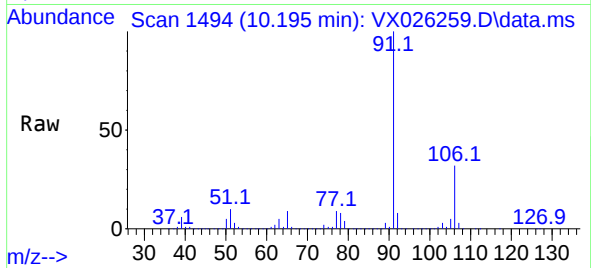




#67
Ethyl Benzene
Concen: 94.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

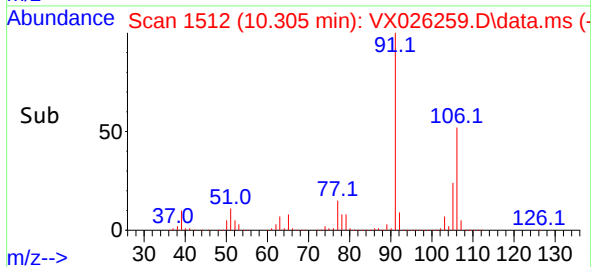
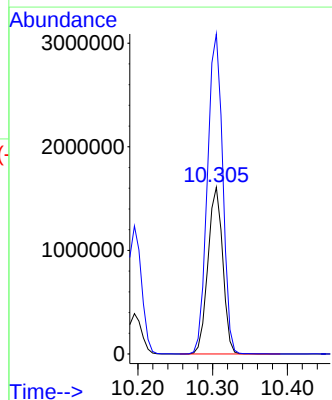
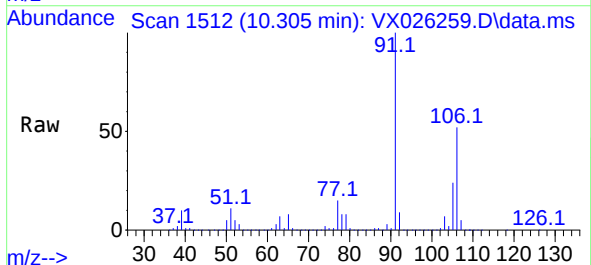
Instrument :
MSVOA_X
ClientSampleId :
40565

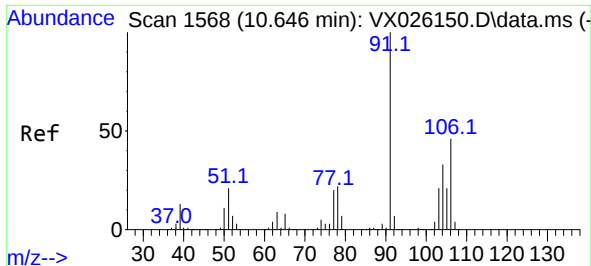
Tgt Ion: 91 Resp: 1593176
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 351.415 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 106 Resp: 2211215
Ion Ratio Lower Upper
106 100
91 198.2 158.6 238.0

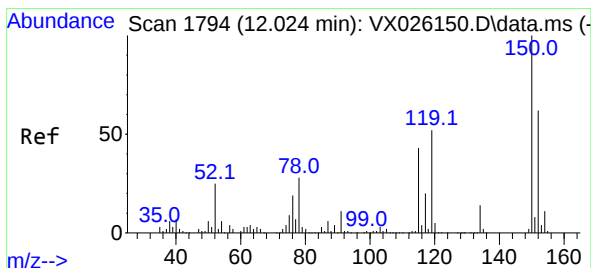
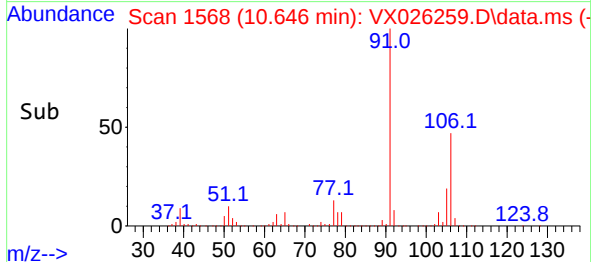
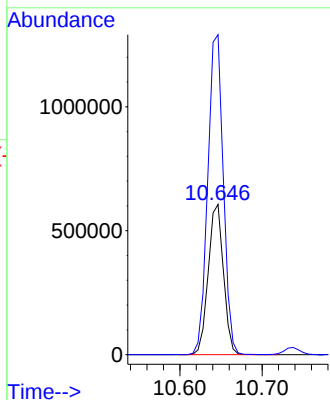
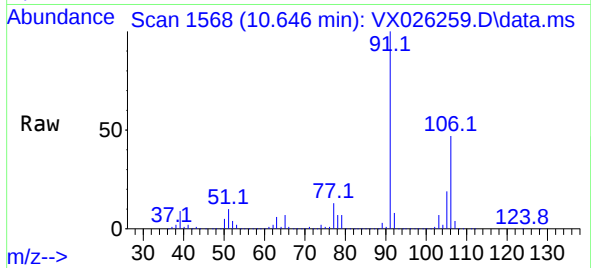




#69
o-Xylene
Concen: 126.648 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

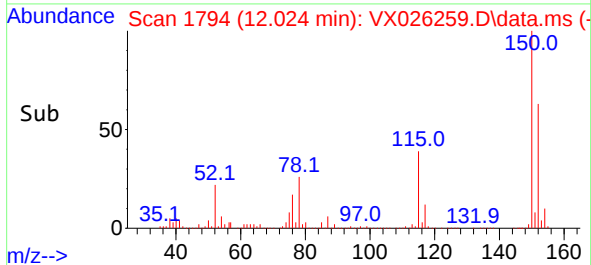
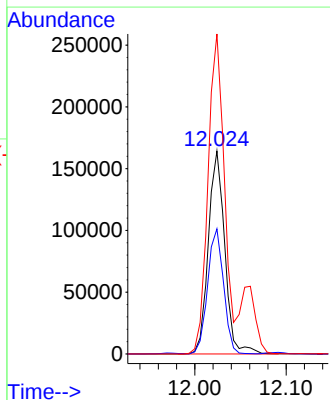
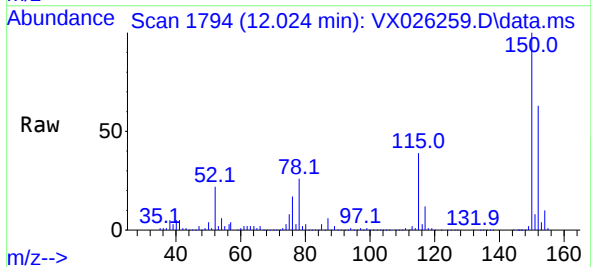
Instrument :
MSVOA_X
ClientSampleId :
40565

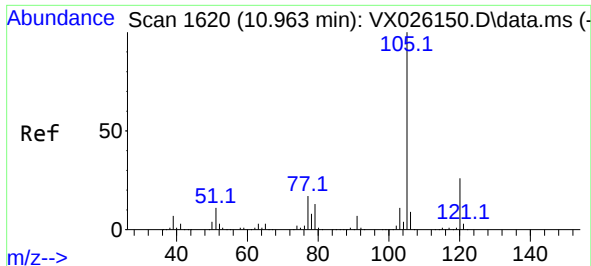
Tgt Ion:106 Resp: 779727
Ion Ratio Lower Upper
106 100
91 217.6 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion:152 Resp: 204446
Ion Ratio Lower Upper
152 100
115 59.6 41.3 123.9
150 156.1 0.0 351.8

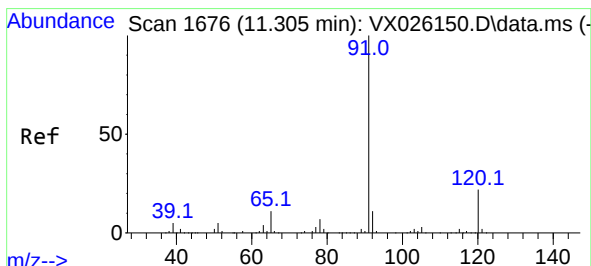
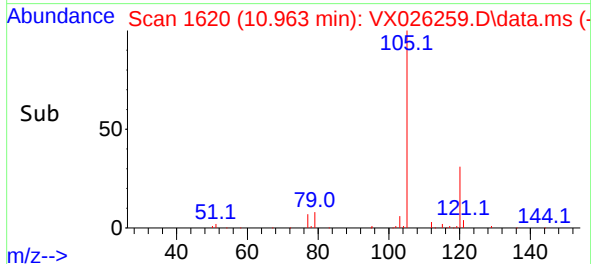
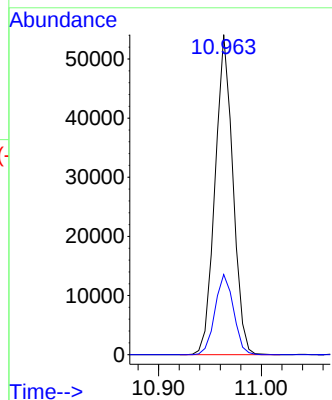
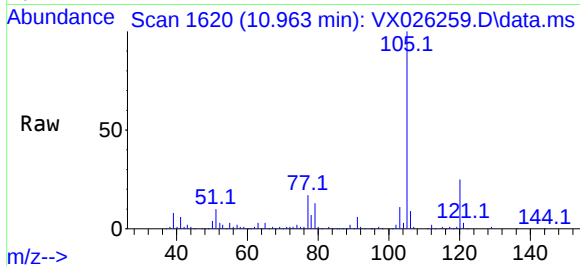




#73
Isopropylbenzene
Concen: 4.095 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

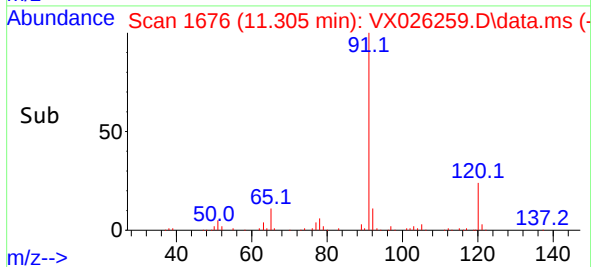
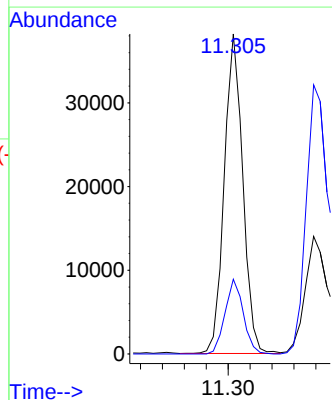
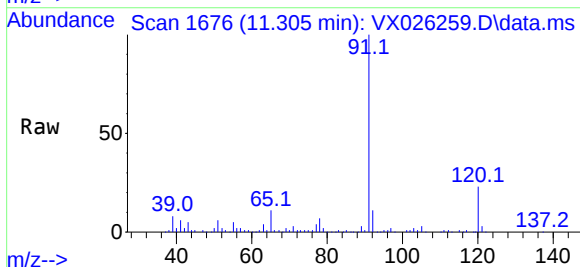
Instrument :
MSVOA_X
ClientSampleId :
40565

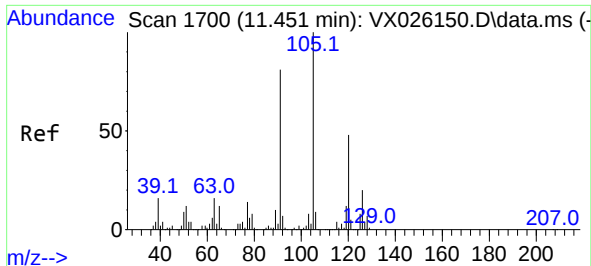
Tgt Ion:105 Resp: 65080
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7



#78
n-propylbenzene
Concen: 2.452 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion: 91 Resp: 44806
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1

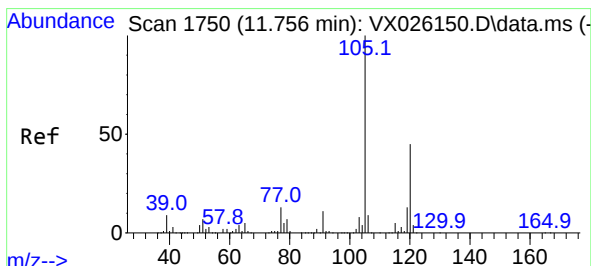
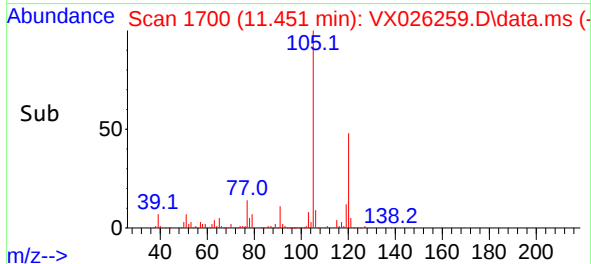
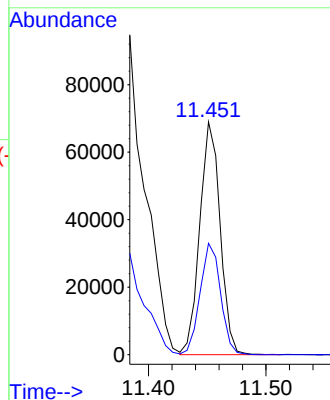
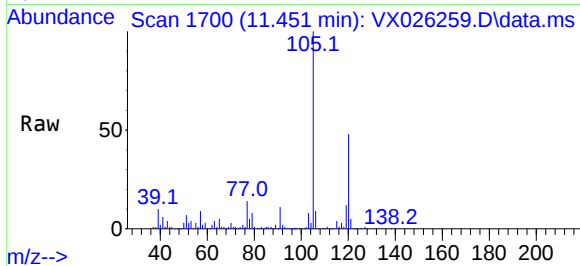




#80
1,3,5-Trimethylbenzene
Concen: 6.301 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :
40565

Tgt Ion:105 Resp: 83100
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 10.248 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX026259.D
Acq: 04 Jan 2022 07:01

Tgt Ion:105 Resp: 135037
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.7

