

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026258.D
 Acq On : 04 Jan 2022 06:38
 Operator : JC/MD
 Sample : M5336-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40564

Quant Time: Jan 04 17:31:26 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)

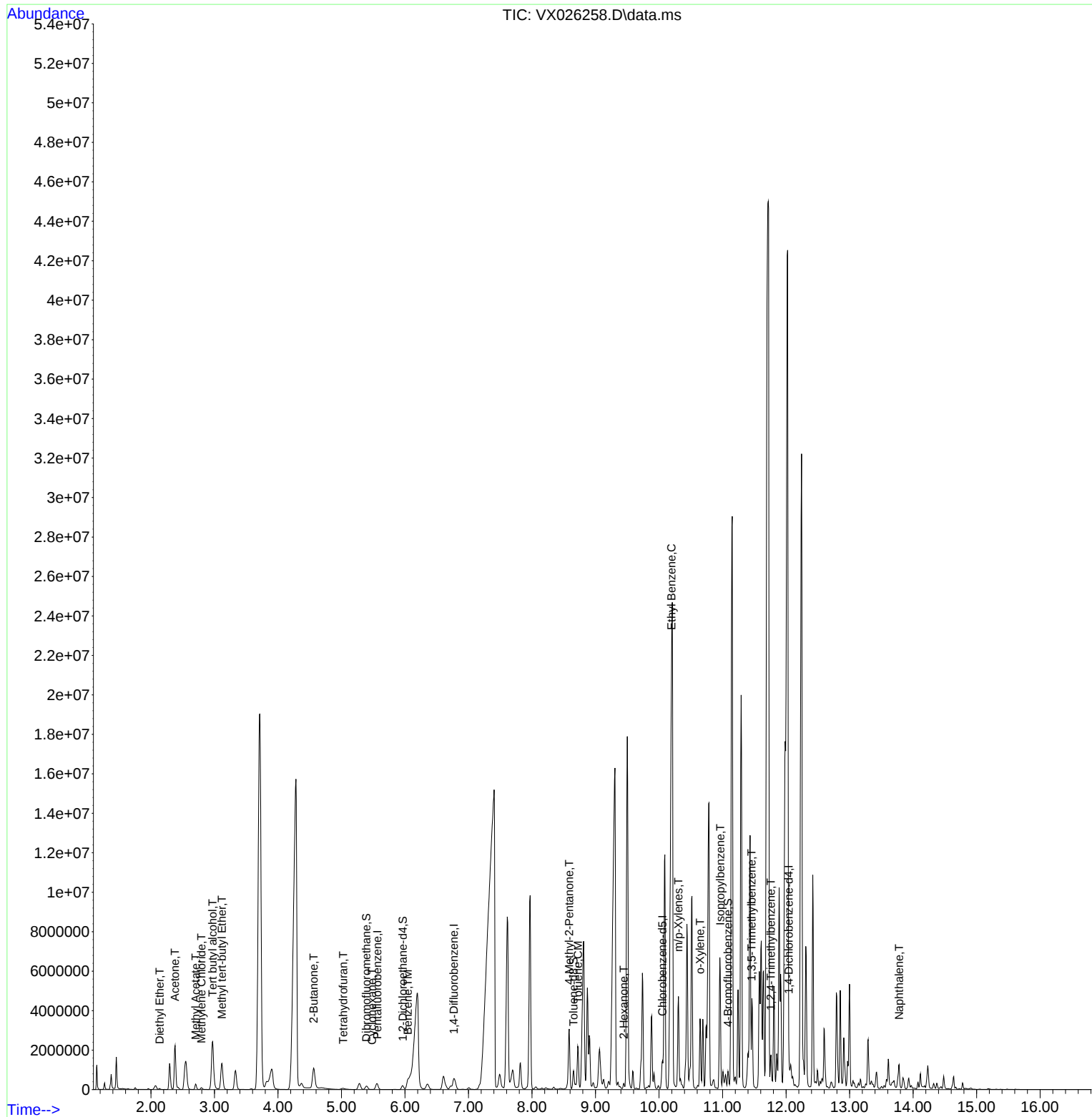
Internal Standards						
1) Pentafluorobenzene	5.562	168	279646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	471793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.043	152	183201	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192836	47.665	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.320%
35) Dibromofluoromethane	5.391	113	153097	49.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.653	98	544875	47.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.085	95	210169	51.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	16301	7.656	ug/l	88
11) Tert butyl alcohol	2.971	59	1334403	1651.387	ug/l	95
16) Acetone	2.380	43	2448674	1117.098	ug/l	99
18) Methyl Acetate	2.703	43	329324	46.318	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	1517171	140.269	ug/l	99
20) Methylene Chloride	2.794	84	42617	11.430	ug/l	95
25) 2-Butanone	4.562	43	1653276	541.447	ug/l	99
29) Tetrahydrofuran	5.026	42	36168	18.793	ug/l	93
31) Cyclohexane	5.483	56	6020	1.045	ug/l #	94
40) Benzene	6.044	78	545512	38.636	ug/l	99
51) 4-Methyl-2-Pentanone	8.586	43	1881331	323.372	ug/l	99
52) Toluene	8.726	92	750587	86.352	ug/l	99
59) 2-Hexanone	9.445	43	154292	35.011	ug/l	100
67) Ethyl Benzene	10.195	91	405932	25.755	ug/l	97
68) m/p-Xylenes	10.305	106	1066911	181.296	ug/l	97
69) o-Xylene	10.646	106	585448	101.675	ug/l	97
73) Isopropylbenzene	10.963	105	27357	1.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	108180	9.154	ug/l	97
84) 1,2,4-Trimethylbenzene	11.762	105	589217	49.900	ug/l	79
95) Naphthalene	13.780	128	724339	51.157	ug/l	100

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

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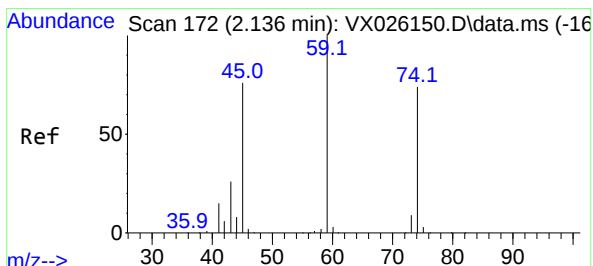
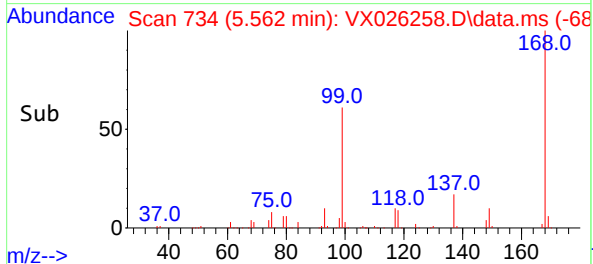
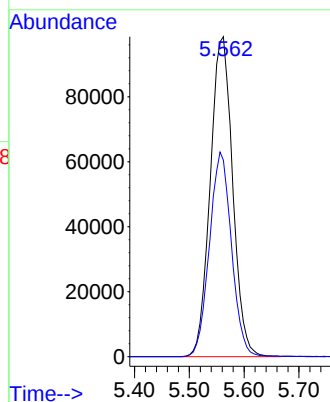
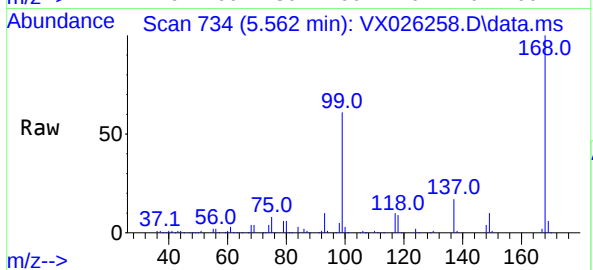




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

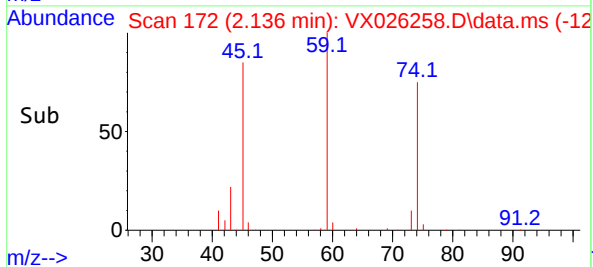
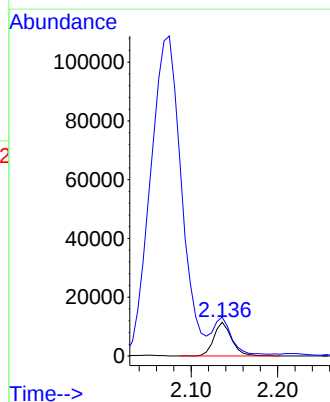
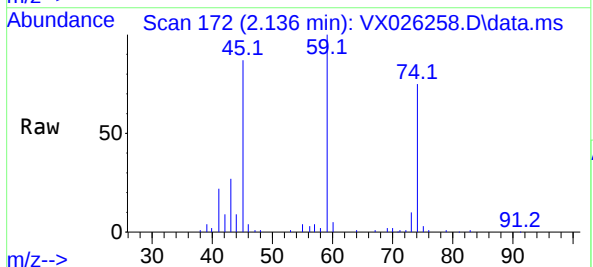
Instrument :
MSVOA_X
ClientSampleId :
40564

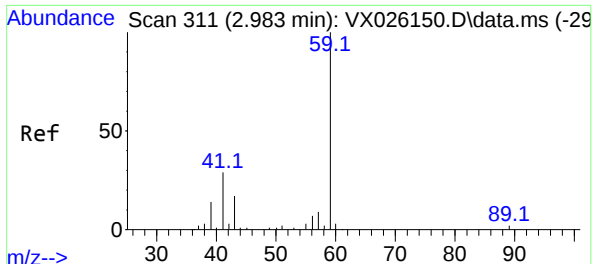
Tgt Ion:168 Resp: 279646
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#8
Diethyl Ether
Concen: 7.656 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 74 Resp: 16301
Ion Ratio Lower Upper
74 100
45 112.4 50.4 151.2

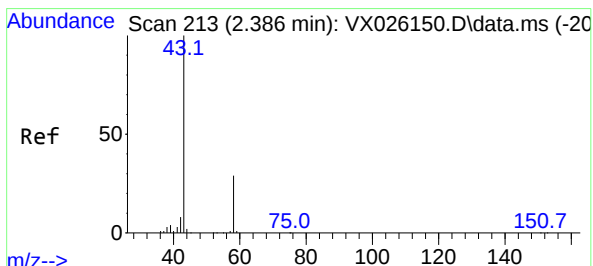
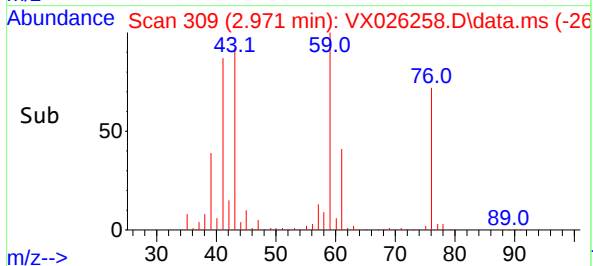
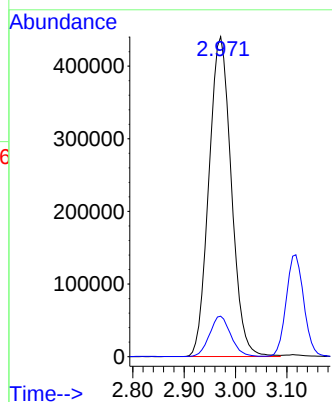
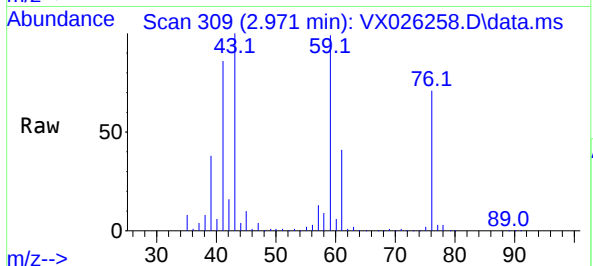




#11
Tert butyl alcohol
Concen: 1651.387 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

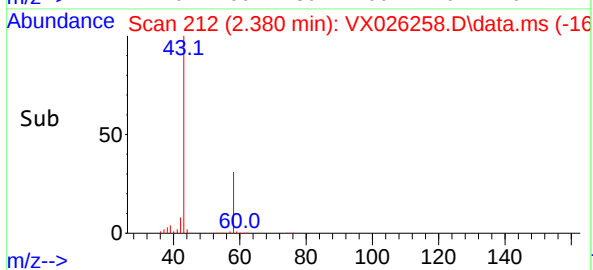
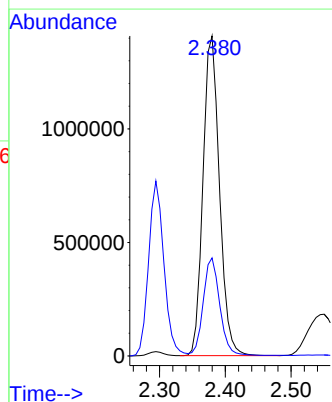
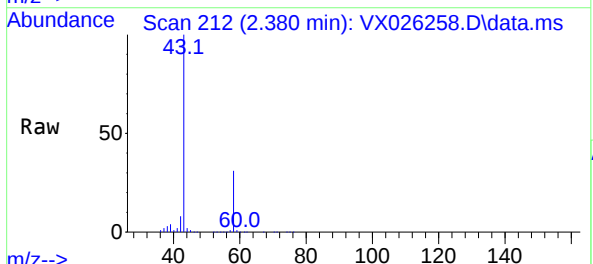
Instrument :
MSVOA_X
ClientSampleId :
40564

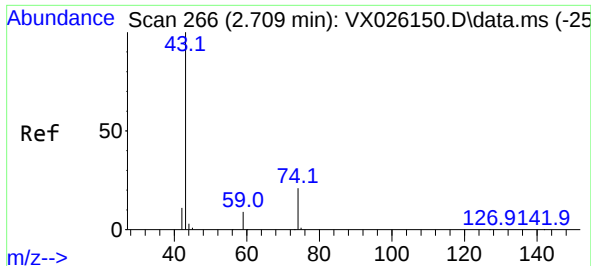
Tgt Ion: 59 Resp: 1334403
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.2



#16
Acetone
Concen: 1117.098 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 43 Resp: 2448674
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2

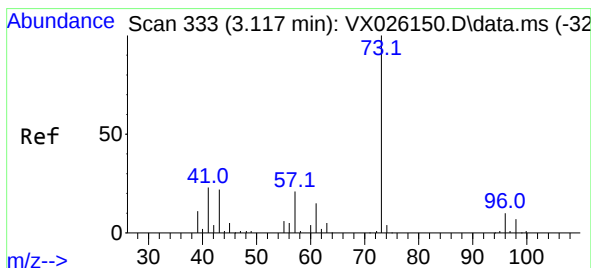
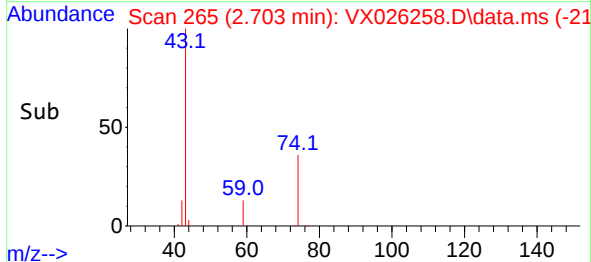
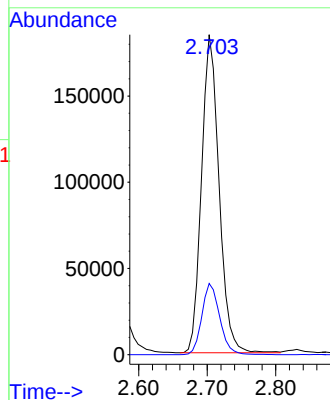
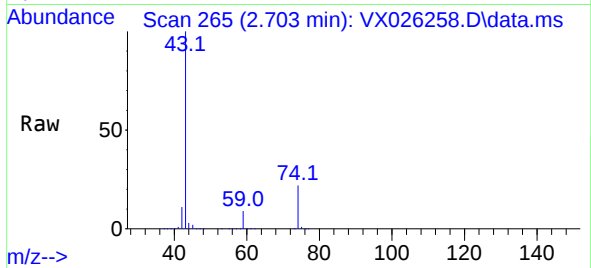




#18
Methyl Acetate
Concen: 46.318 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

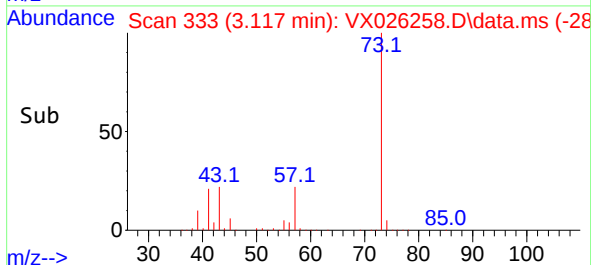
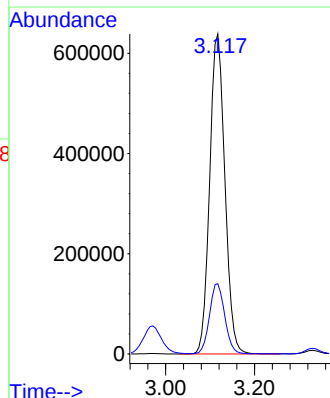
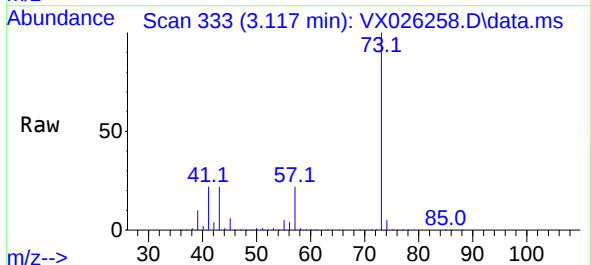
Instrument :
MSVOA_X
ClientSampleId :
40564

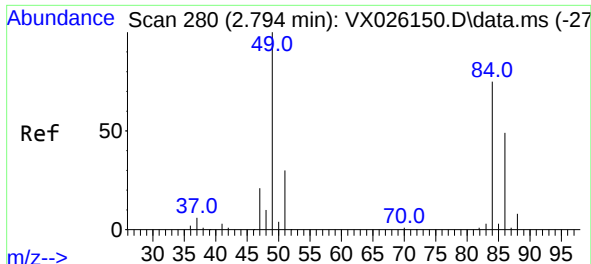
Tgt Ion: 43 Resp: 329324
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 140.269 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 73 Resp: 1517171
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

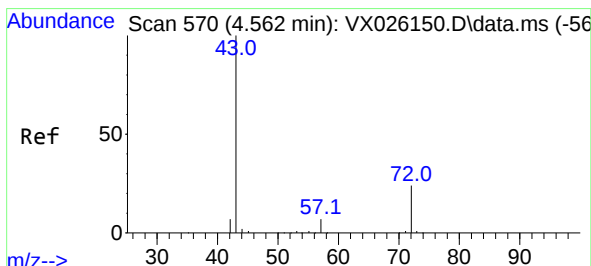
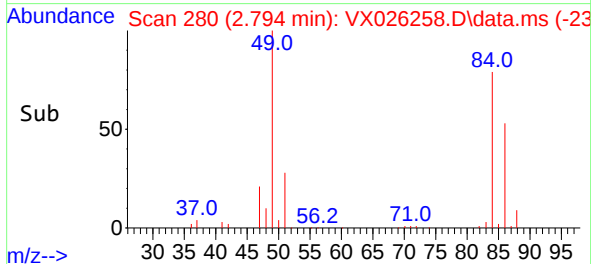
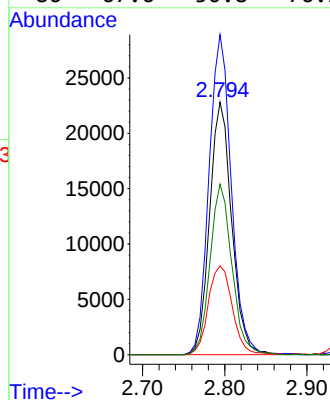
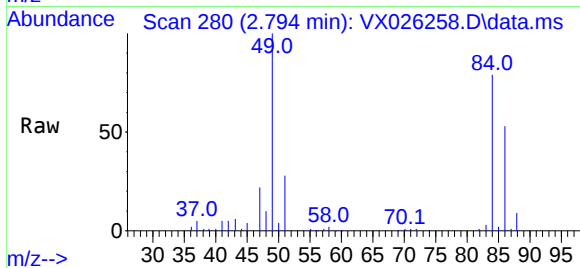




#20
Methylene Chloride
Concen: 11.430 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

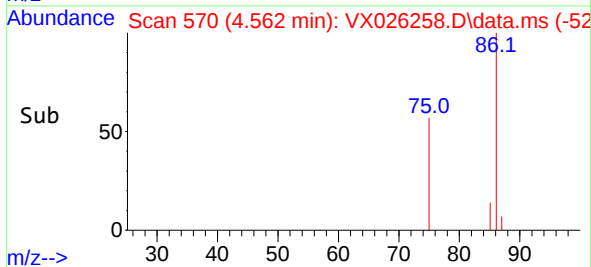
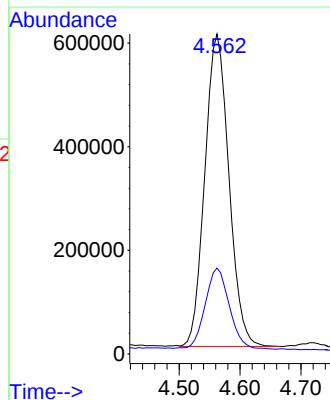
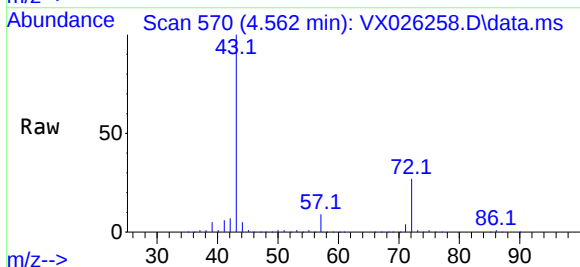
Instrument :
MSVOA_X
ClientSampleId :
40564

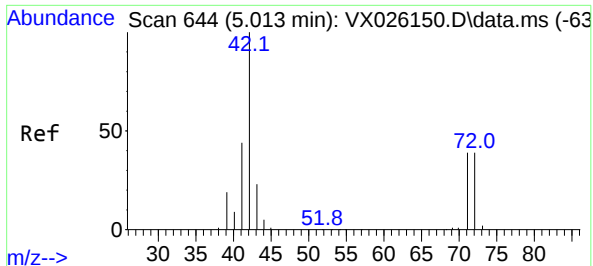
Tgt Ion:	84	Resp:	42617
Ion	Ratio	Lower	Upper
84	100		
49	126.8	97.1	145.7
51	35.2	29.3	43.9
86	67.6	50.8	76.2



#25
2-Butanone
Concen: 541.447 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion:	43	Resp:	1653276
Ion	Ratio	Lower	Upper
43	100		
72	25.8	21.0	31.4





#29

Tetrahydrofuran

Concen: 18.793 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX026258.D

Acq: 04 Jan 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

40564

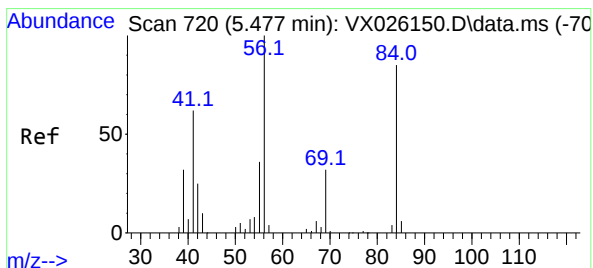
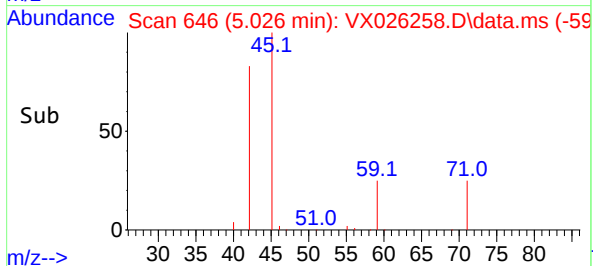
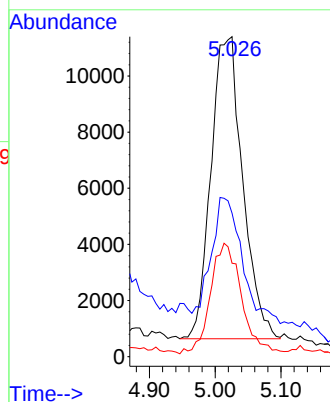
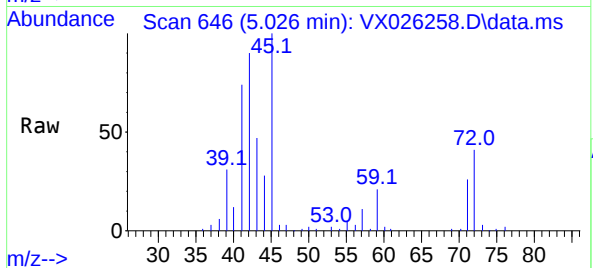
Tgt Ion: 42 Resp: 36168

Ion Ratio Lower Upper

42 100

72 44.2 37.0 55.6

71 35.8 34.1 51.1



#31

Cyclohexane

Concen: 1.045 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.006 min

Lab File: VX026258.D

Acq: 04 Jan 2022 06:38

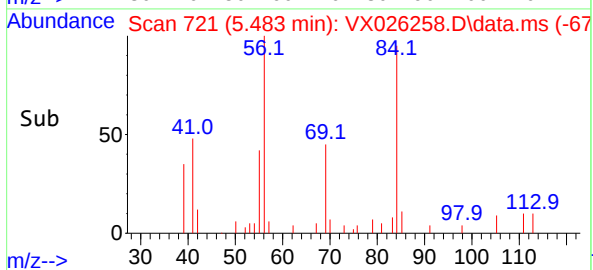
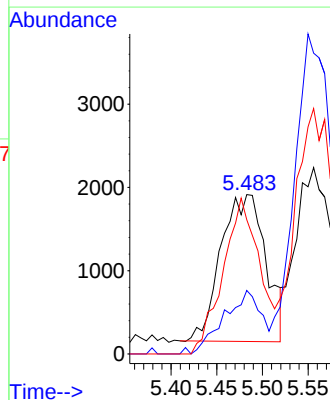
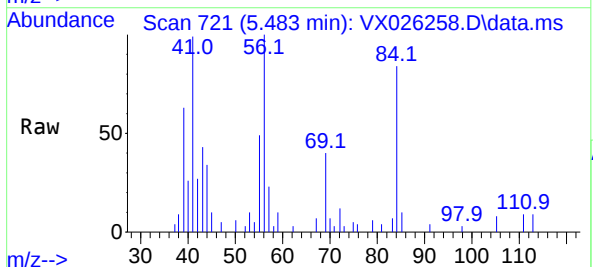
Tgt Ion: 56 Resp: 6020

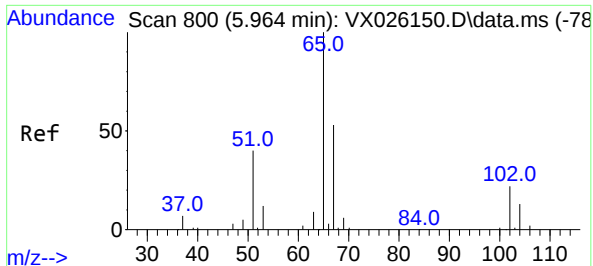
Ion Ratio Lower Upper

56 100

69 43.5 23.9 35.9#

84 91.8 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026258.D

Acq: 04 Jan 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

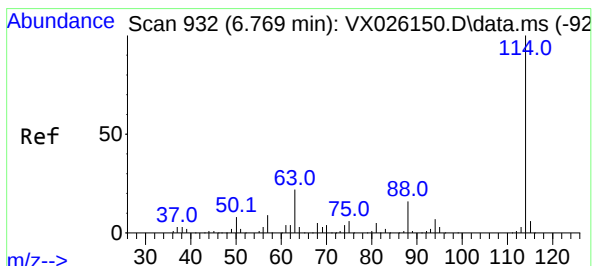
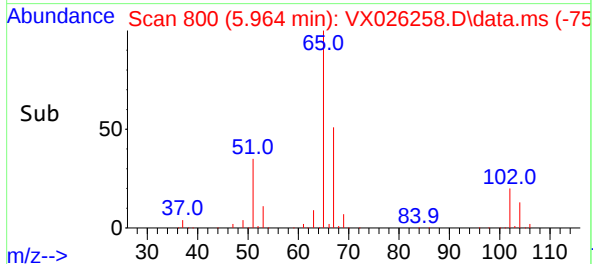
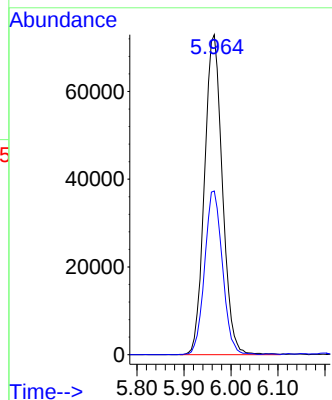
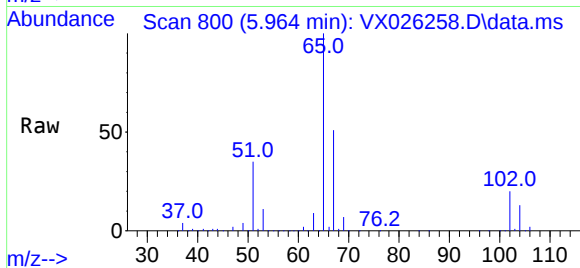
40564

Tgt Ion: 65 Resp: 192836

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026258.D

Acq: 04 Jan 2022 06:38

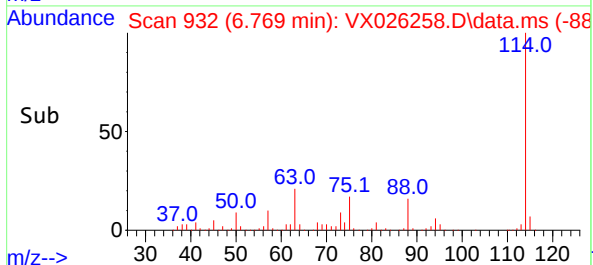
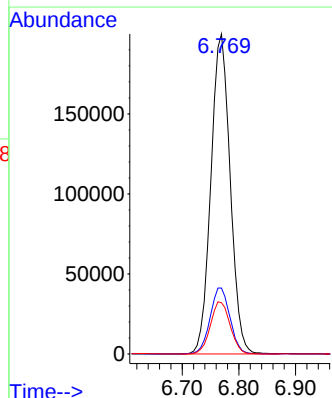
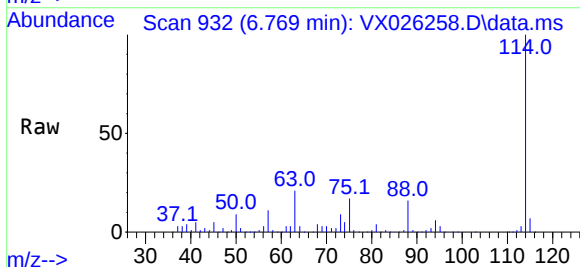
Tgt Ion: 114 Resp: 471793

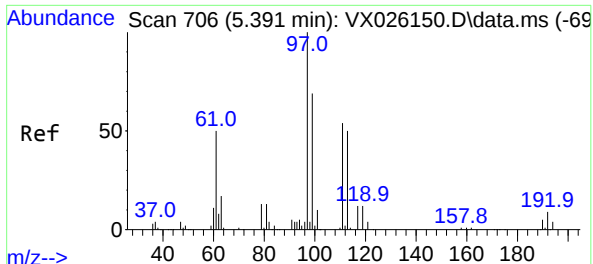
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

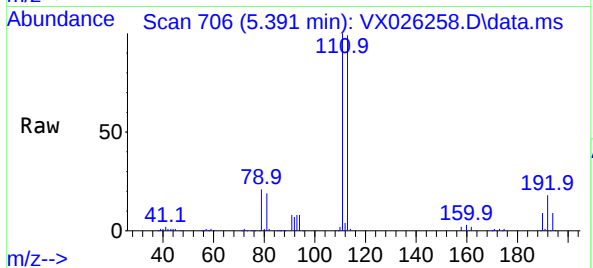
88 16.0 0.0 30.6



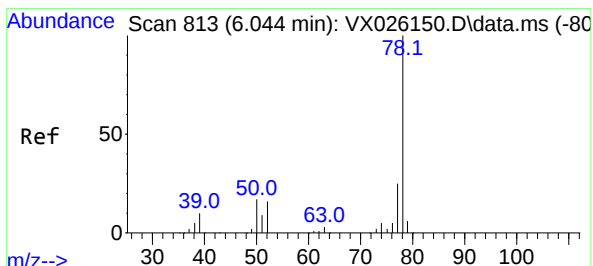
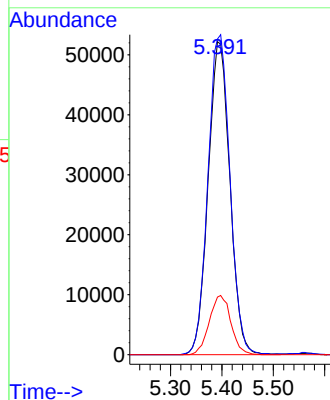
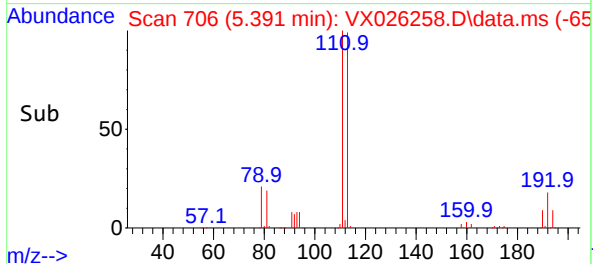


#35
Dibromofluoromethane
Concen: 49.913 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

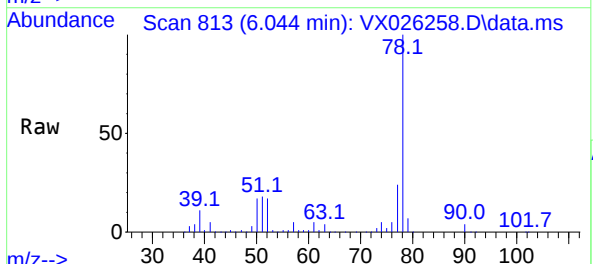
Instrument :
MSVOA_X
ClientSampleId :
40564



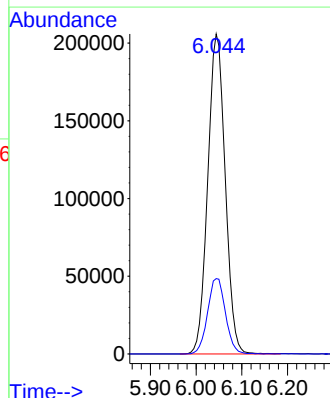
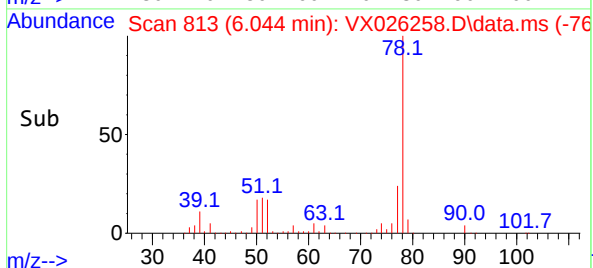
Tgt Ion:113 Resp: 153097
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 18.8 15.0 22.4

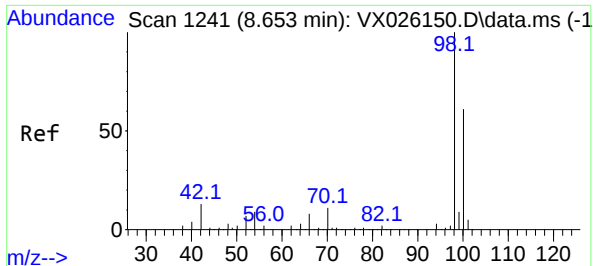


#40
Benzene
Concen: 38.636 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38



Tgt Ion: 78 Resp: 545512
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8

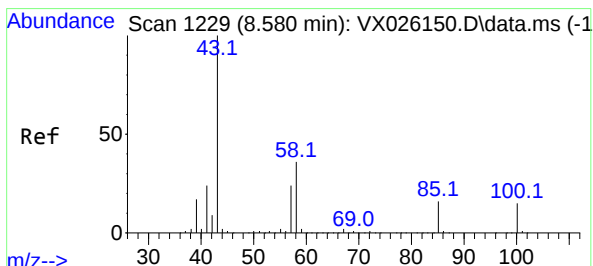
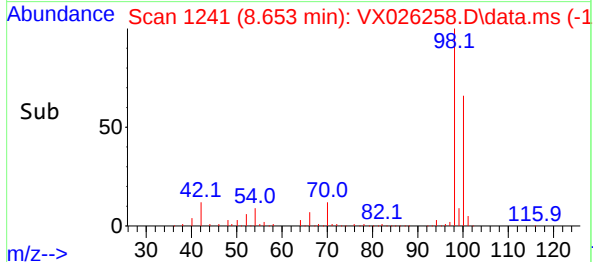
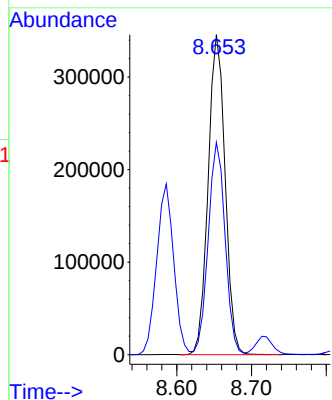
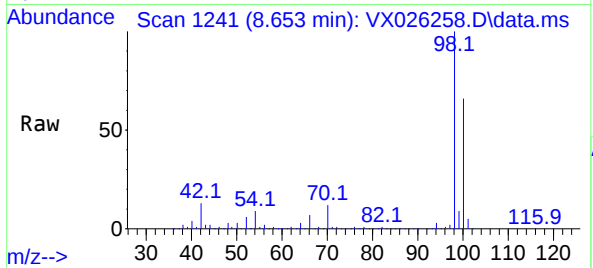




#50
Toluene-d8
Concen: 47.758 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

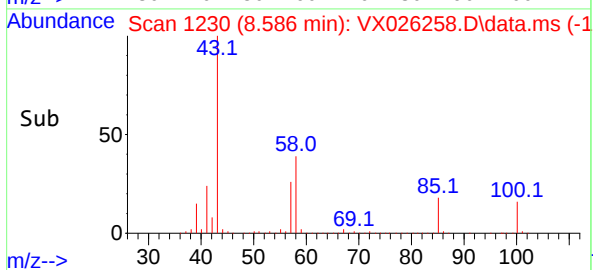
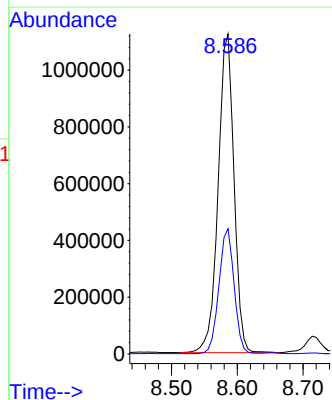
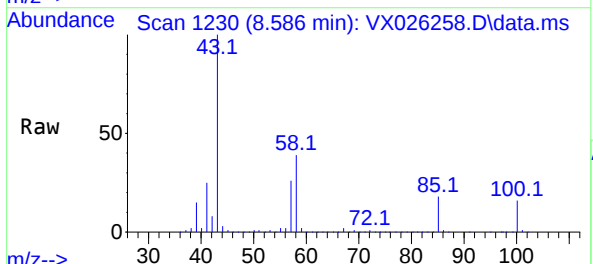
Instrument :
MSVOA_X
ClientSampleId :
40564

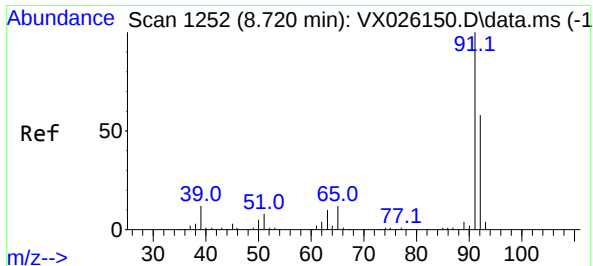
Tgt Ion: 98 Resp: 544875
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 323.372 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 43 Resp: 1881331
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2

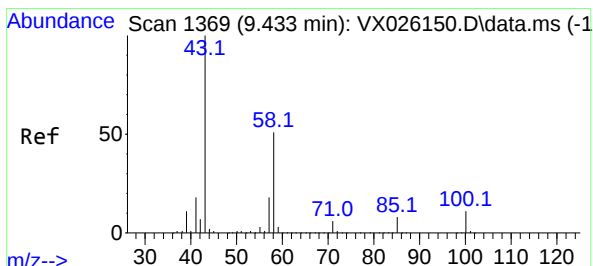
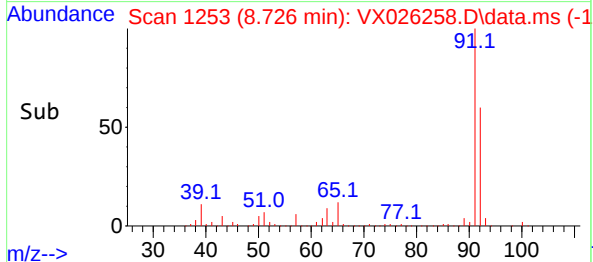
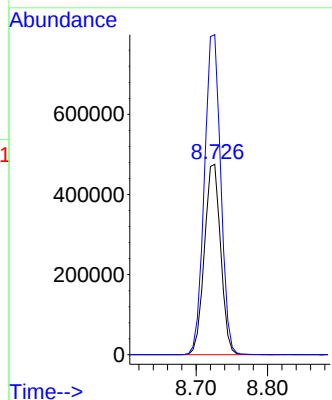
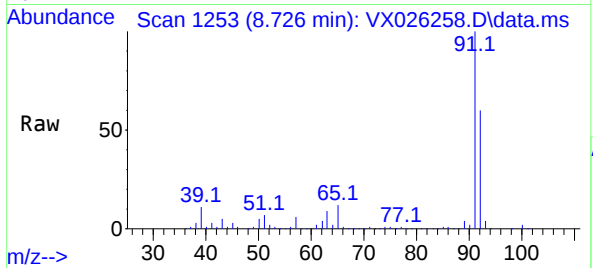




#52
Toluene
Concen: 86.352 ug/l
RT: 8.726 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

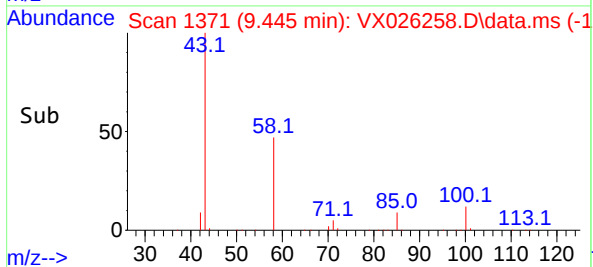
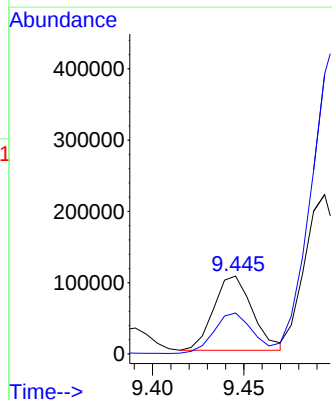
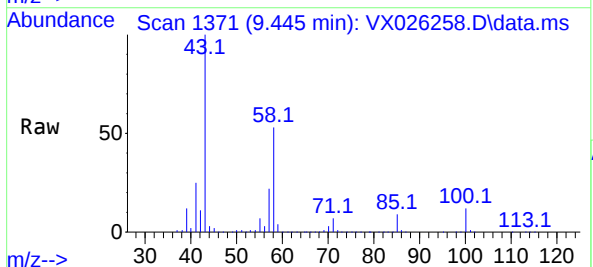
Instrument :
MSVOA_X
ClientSampleId :
40564

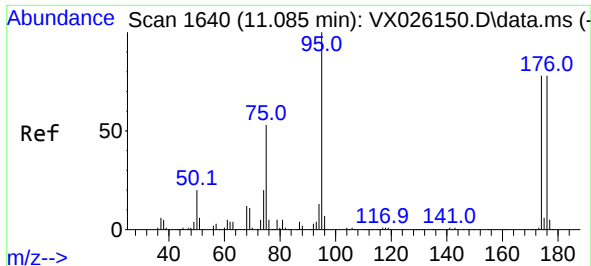
Tgt Ion: 92 Resp: 750587
Ion Ratio Lower Upper
92 100
91 169.0 136.0 204.0



#59
2-Hexanone
Concen: 35.011 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 43 Resp: 154292
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.6

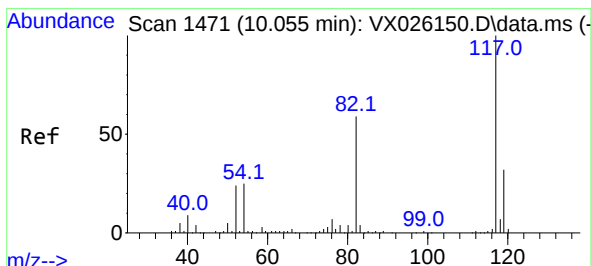
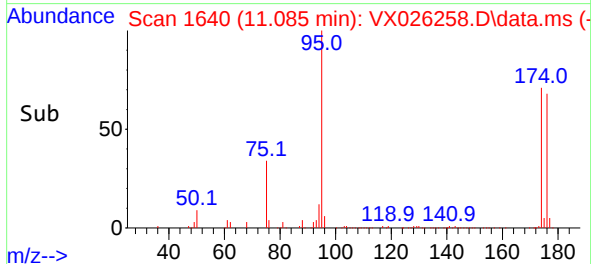
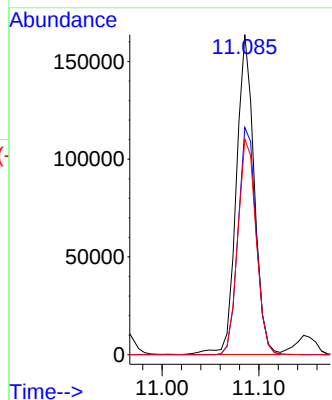
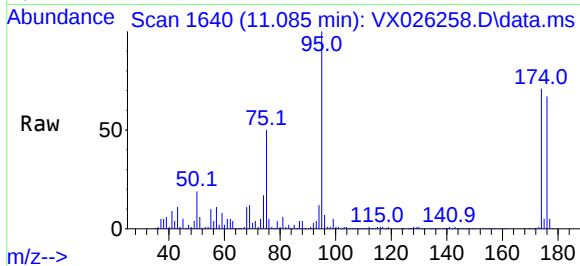




#62
4-Bromofluorobenzene
Concen: 51.747 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

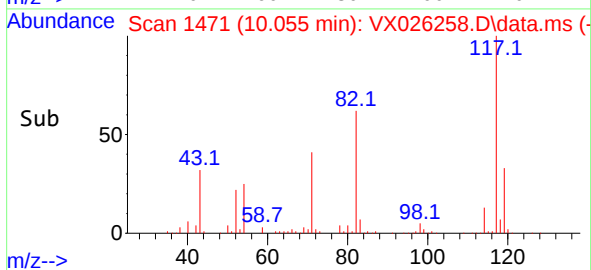
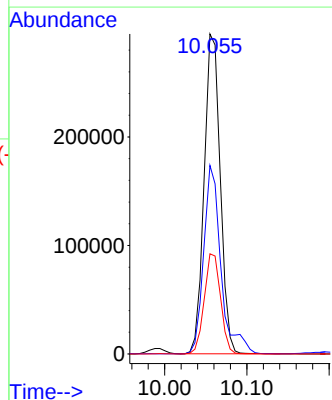
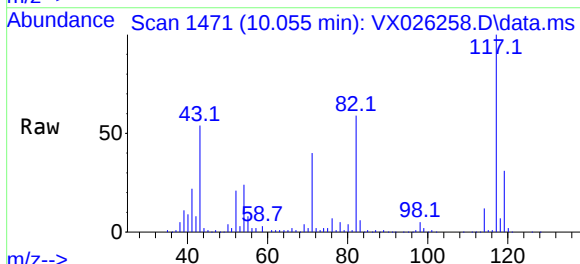
Instrument :
MSVOA_X
ClientSampleId :
40564

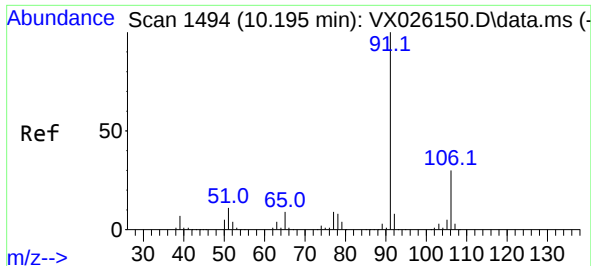
Tgt Ion: 95 Resp: 210169
Ion Ratio Lower Upper
95 100
174 71.7 0.0 157.4
176 69.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion: 117 Resp: 401258
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.6
119 31.3 25.2 37.8

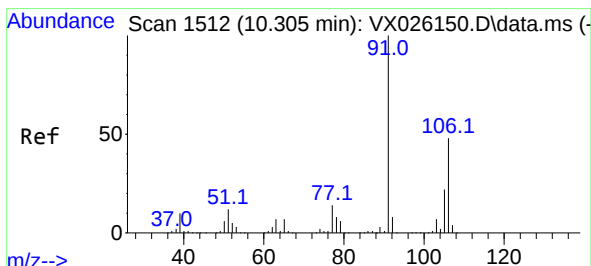
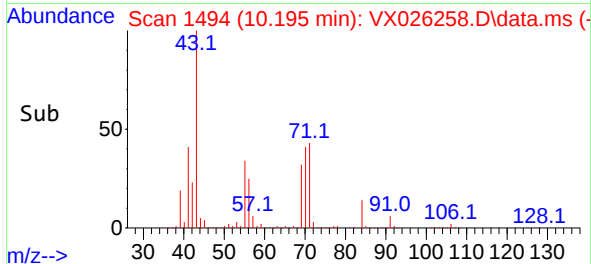
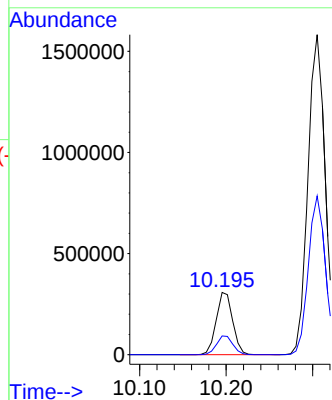
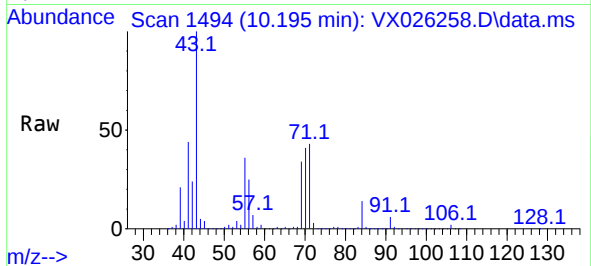




#67
Ethyl Benzene
Concen: 25.755 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

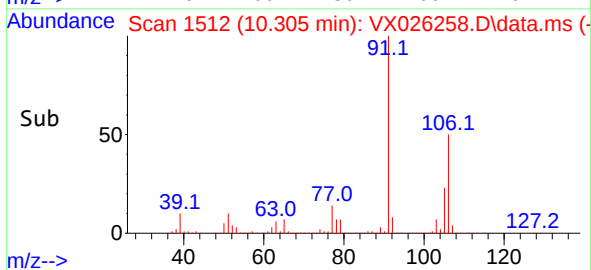
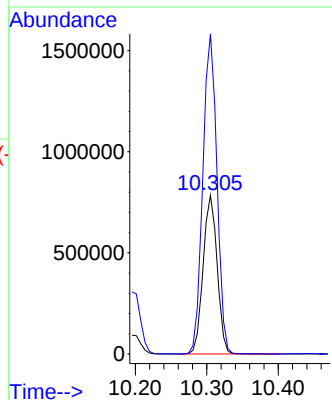
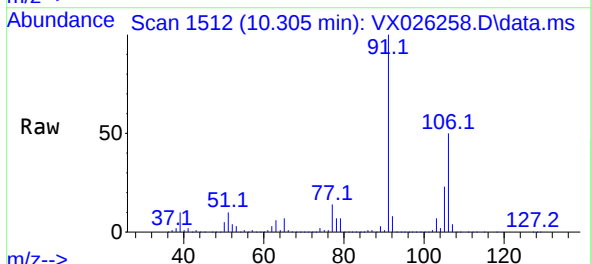
Instrument :
MSVOA_X
ClientSampleId :
40564

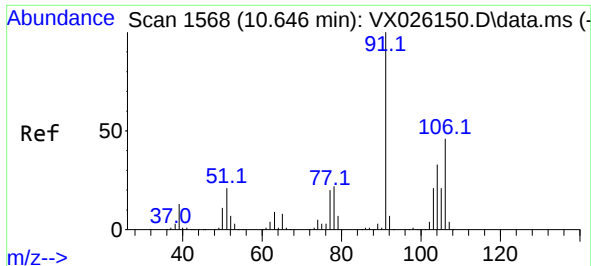
Tgt Ion: 91 Resp: 405932
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 181.296 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion:106 Resp: 1066911
Ion Ratio Lower Upper
106 100
91 203.5 158.6 238.0

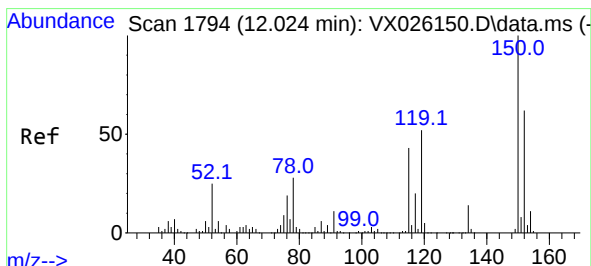
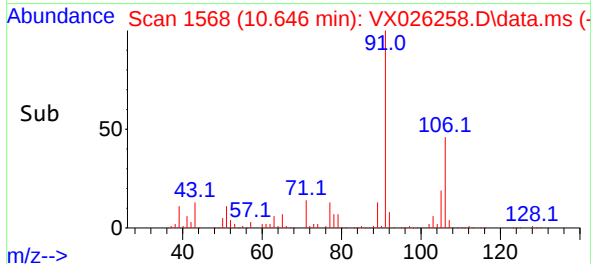
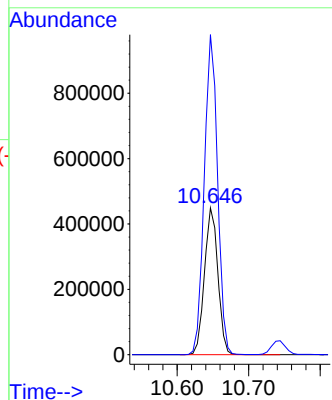
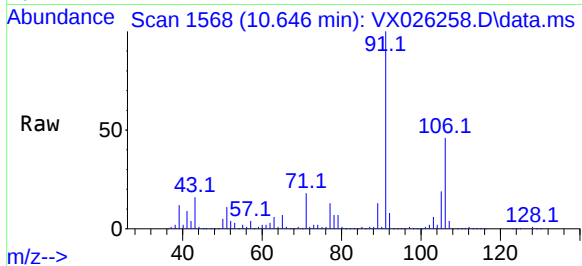




#69
o-Xylene
Concen: 101.675 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

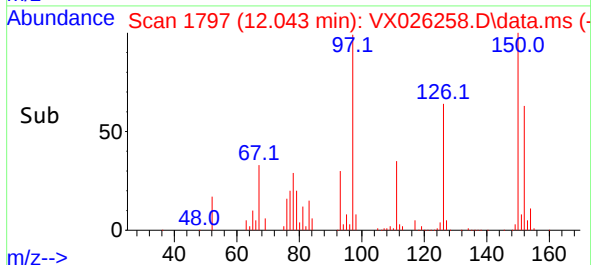
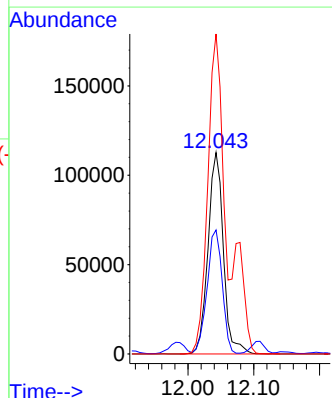
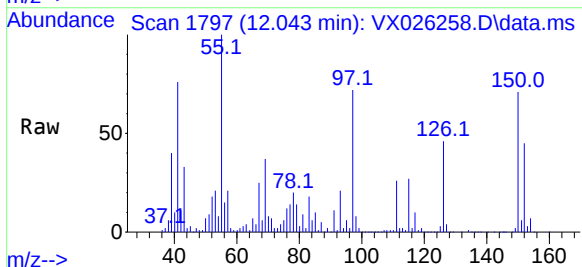
Instrument :
MSVOA_X
ClientSampleId :
40564

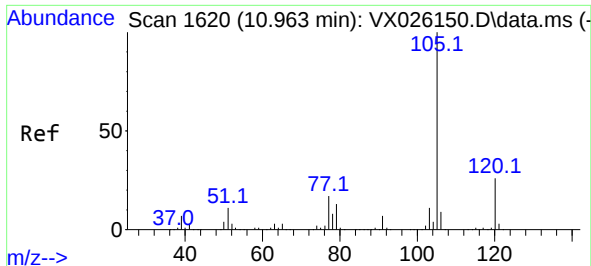
Tgt Ion:106 Resp: 585448
Ion Ratio Lower Upper
106 100
91 215.8 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.019 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion:152 Resp: 183201
Ion Ratio Lower Upper
152 100
115 60.0 41.3 123.9
150 165.0 0.0 351.8

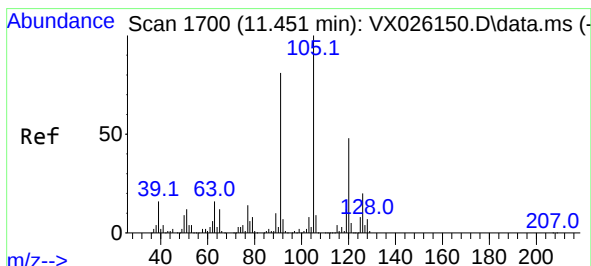
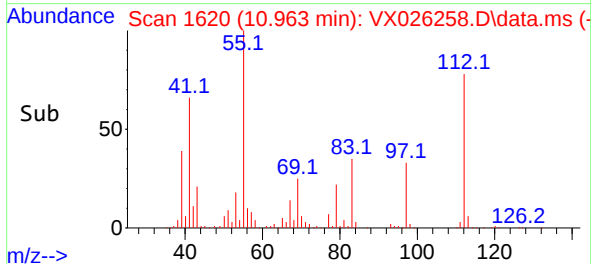
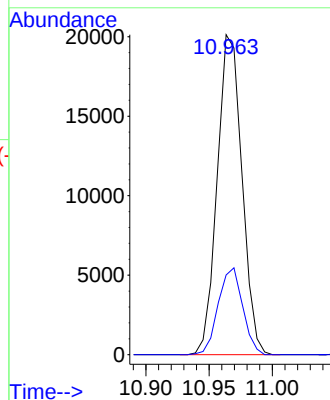
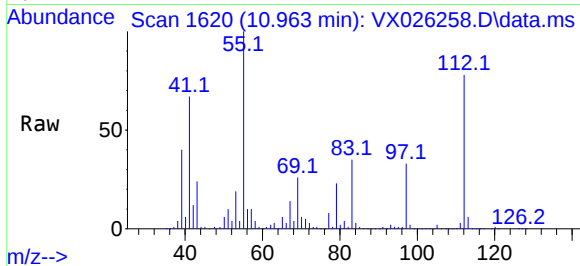




#73
Isopropylbenzene
Concen: 1.921 ug/l
RT: 10.963 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

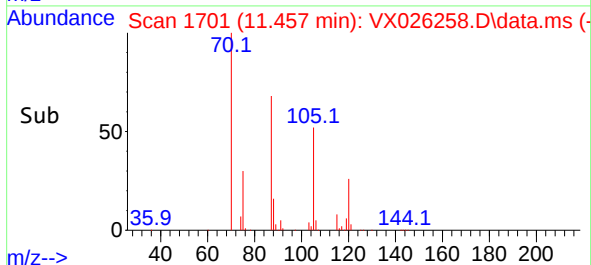
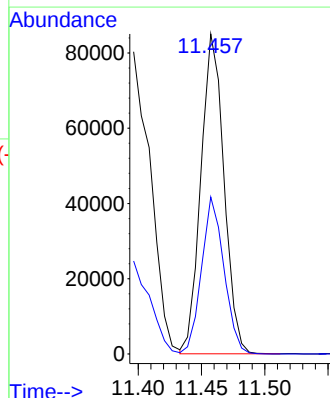
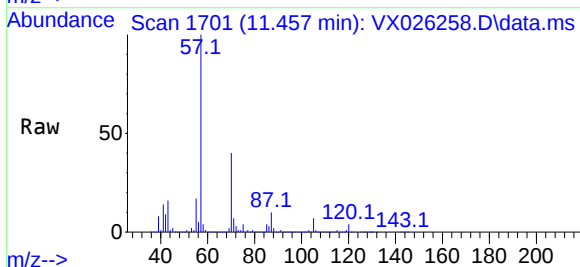
Instrument :
MSVOA_X
ClientSampleId :
40564

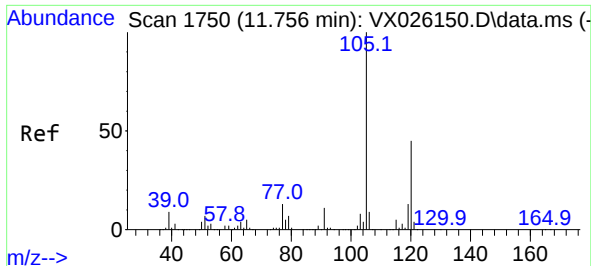
Tgt Ion:105 Resp: 27357
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7



#80
1,3,5-Trimethylbenzene
Concen: 9.154 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion:105 Resp: 108180
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7

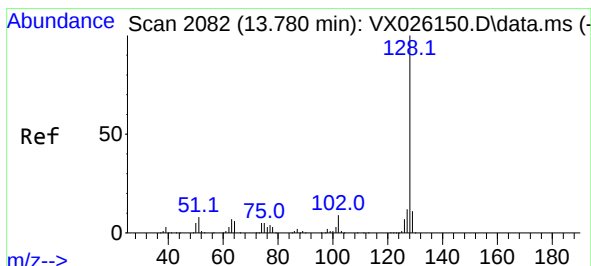
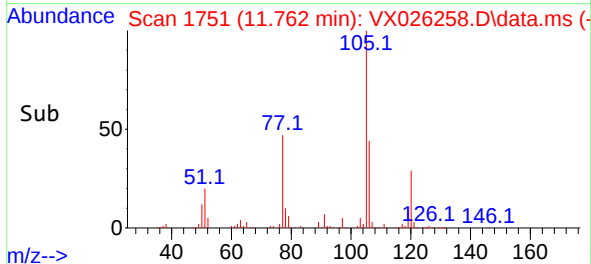
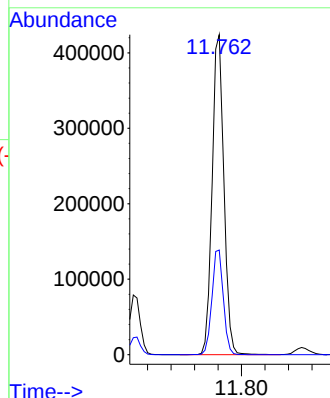
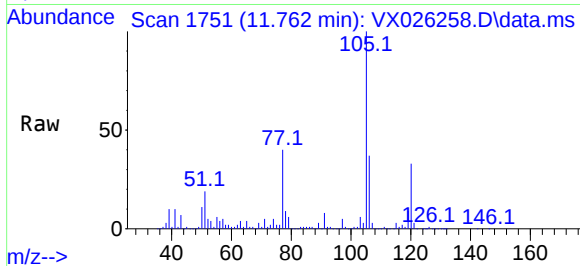




#84
1,2,4-Trimethylbenzene
Concen: 49.900 ug/l
RT: 11.762 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Instrument :
MSVOA_X
ClientSampleId :
40564

Tgt Ion:105 Resp: 589217
Ion Ratio Lower Upper
105 100
120 31.7 22.9 68.7



#95
Naphthalene
Concen: 51.157 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026258.D
Acq: 04 Jan 2022 06:38

Tgt Ion:128 Resp: 724339
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.8 13.2

