

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026256.D
 Acq On : 04 Jan 2022 05:52
 Operator : JC/MD
 Sample : M5336-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40566

Quant Time: Jan 04 17:29:57 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)

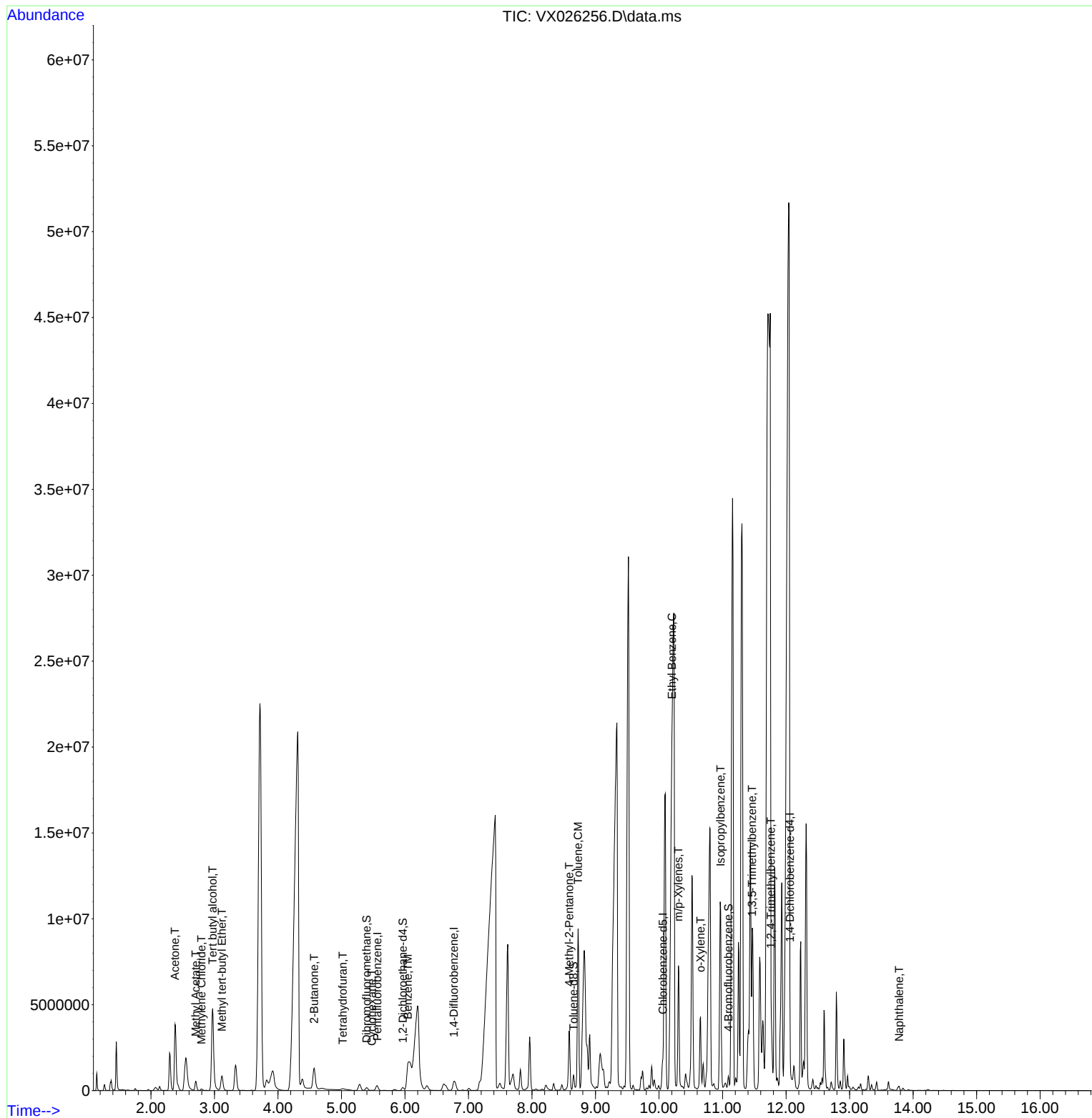
Internal Standards						
1) Pentafluorobenzene	5.562	168	261422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	436126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	378038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	150150	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181045	47.870	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.397	113	140499	49.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	8.653	98	514634	48.796	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.091	95	199631	53.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	1552870	2055.717	ug/l #	91
16) Acetone	2.379	43	4745186	2315.688	ug/l	100
18) Methyl Acetate	2.703	43	672152	101.126	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	952226	94.174	ug/l	97
20) Methylene Chloride	2.794	84	40524	11.643	ug/l	99
25) 2-Butanone	4.568	43	2021471	708.181	ug/l	99
29) Tetrahydrofuran	5.019	42	64049	35.599	ug/l #	87
31) Cyclohexane	5.476	56	10710	1.989	ug/l	92
40) Benzene	6.043	78	1748048	133.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	2145234	398.888	ug/l	99
52) Toluene	8.726	92	3549653	441.768	ug/l	94
67) Ethyl Benzene	10.201	91	601726	40.523	ug/l	98
68) m/p-Xylenes	10.305	106	1685664	304.032	ug/l	98
69) o-Xylene	10.652	106	861213	158.755	ug/l	96
73) Isopropylbenzene	10.969	105	51415	4.405	ug/l	98
80) 1,3,5-Trimethylbenzene	11.463	105	495224	51.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	1883011	194.570	ug/l	89
95) Naphthalene	13.780	128	137183	11.821	ug/l	100

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

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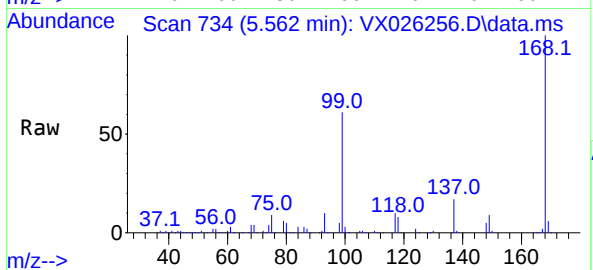
Quant Time: Jan 04 17:29:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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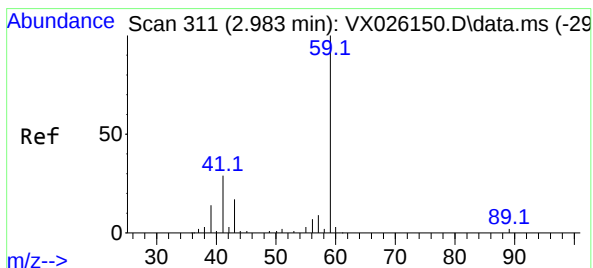
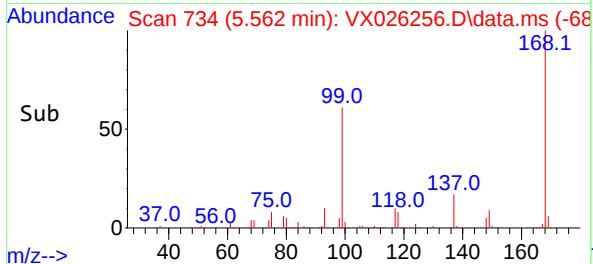
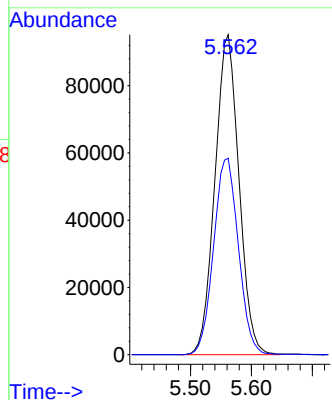


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Instrument :
MSVOA_X
ClientSampleId :
40566

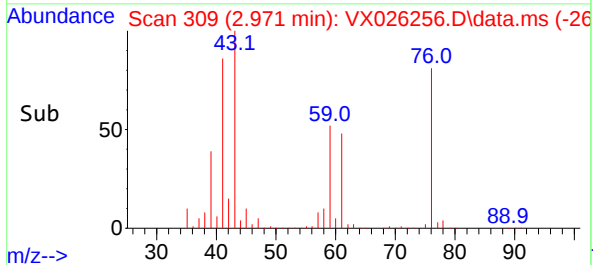
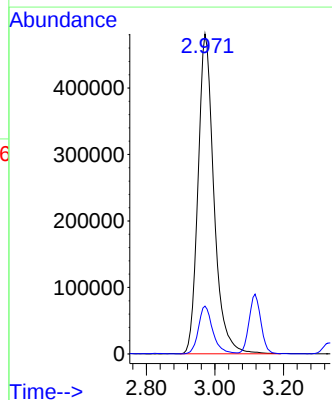
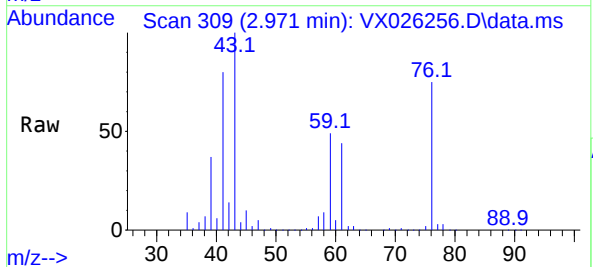


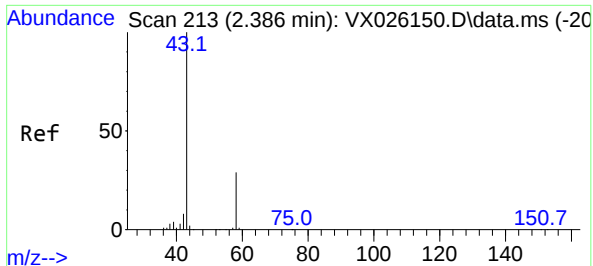
Tgt Ion:168 Resp: 261422
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 2055.717 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 59 Resp: 1552870
Ion Ratio Lower Upper
59 100
57 13.5 8.2 12.2#

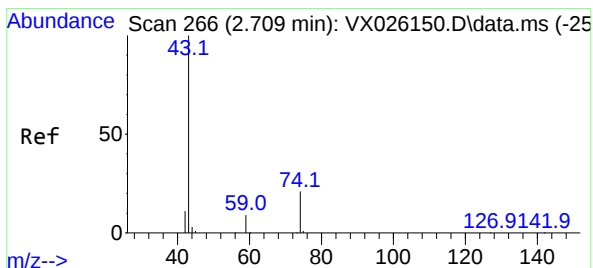
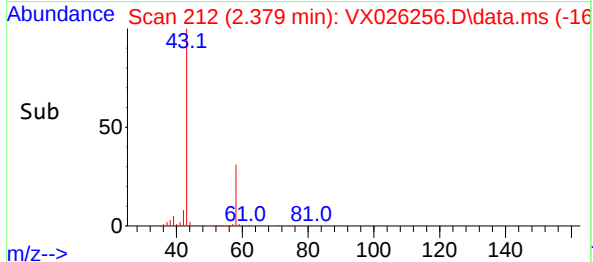
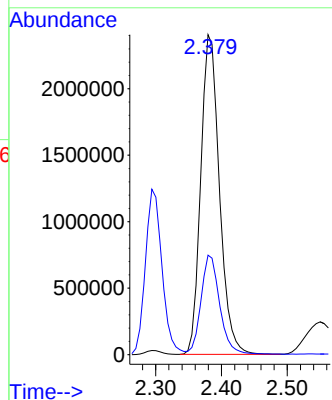
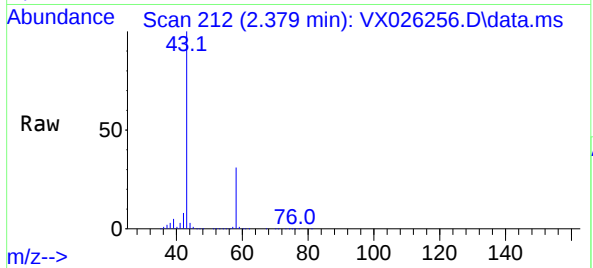




#16
Acetone
Concen: 2315.688 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

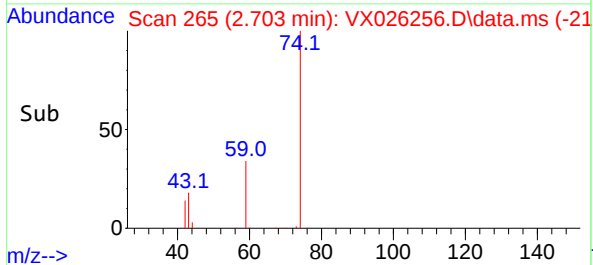
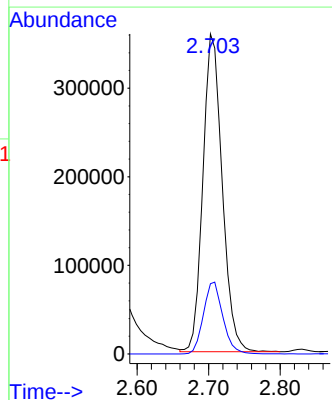
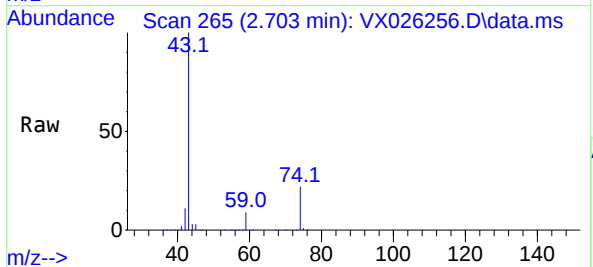
Instrument :
MSVOA_X
ClientSampleId :
40566

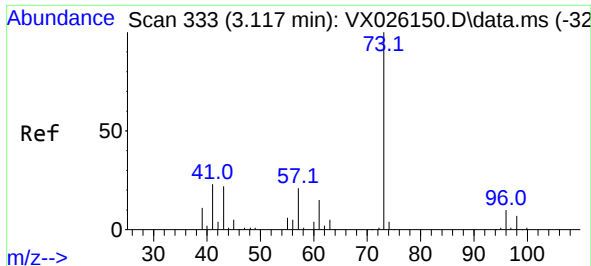
Tgt Ion: 43 Resp: 4745186
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2



#18
Methyl Acetate
Concen: 101.126 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 43 Resp: 672152
Ion Ratio Lower Upper
43 100
74 22.8 19.1 28.7

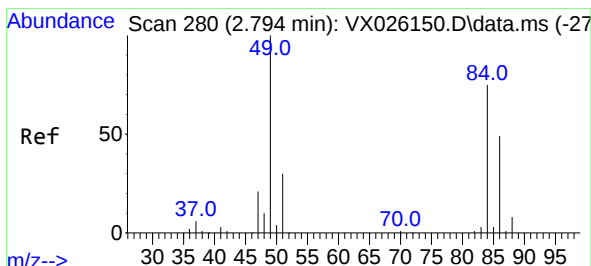
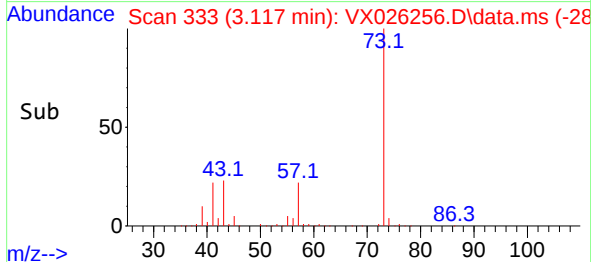
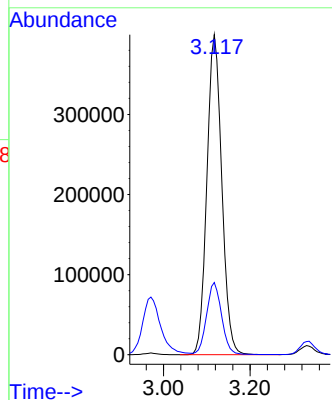
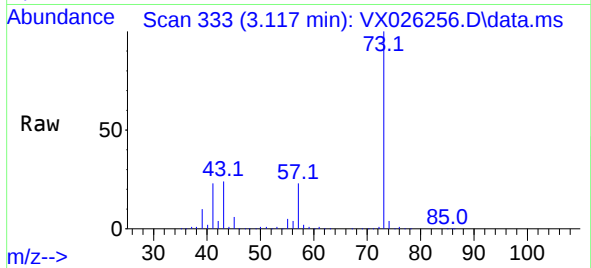




#19
Methyl tert-butyl Ether
Concen: 94.174 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

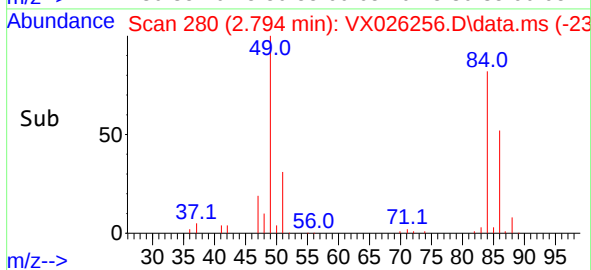
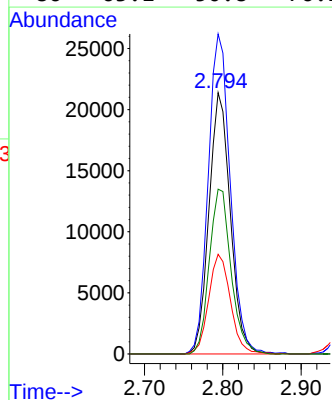
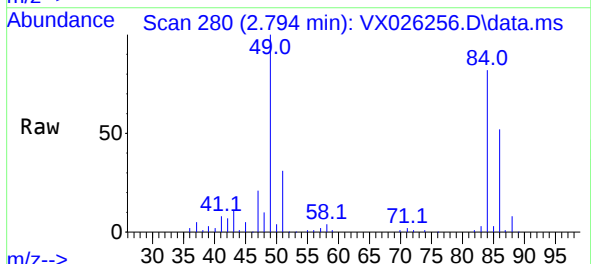
Instrument :
MSVOA_X
ClientSampleId :
40566

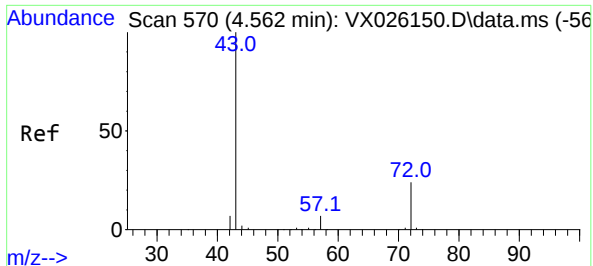
Tgt Ion: 73 Resp: 952226
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6



#20
Methylene Chloride
Concen: 11.643 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 84 Resp: 40524
Ion Ratio Lower Upper
84 100
49 122.4 97.1 145.7
51 38.1 29.3 43.9
86 63.1 50.8 76.2





#25

2-Butanone

Concen: 708.181 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026256.D

Acq: 04 Jan 2022 05:52

Instrument :

MSVOA_X

ClientSampleId :

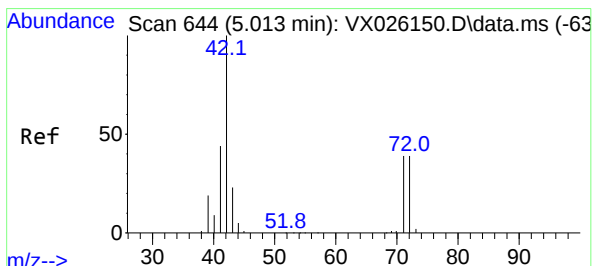
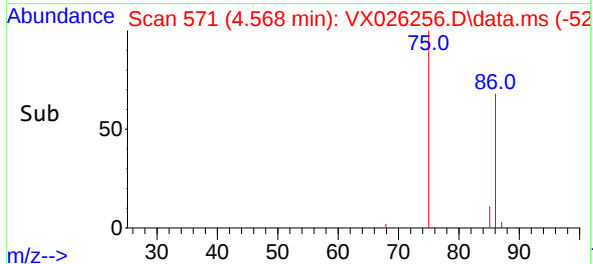
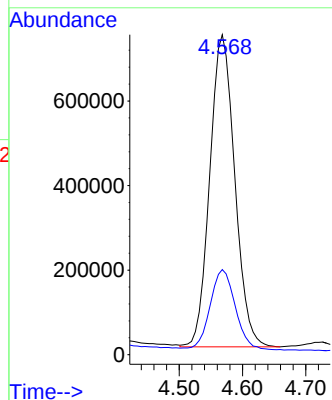
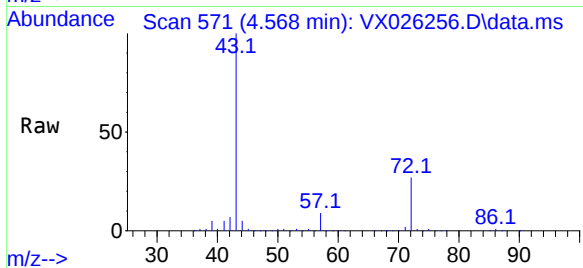
40566

Tgt Ion: 43 Resp: 2021471

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#29

Tetrahydrofuran

Concen: 35.599 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX026256.D

Acq: 04 Jan 2022 05:52

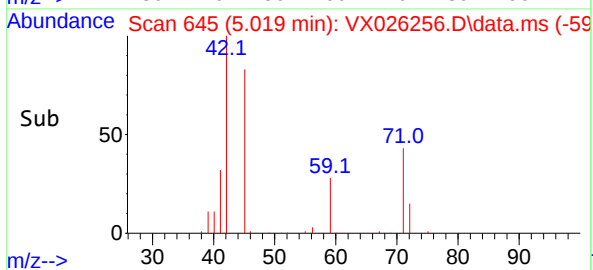
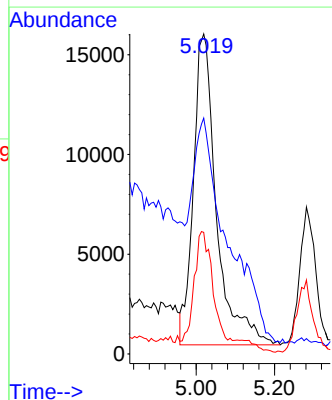
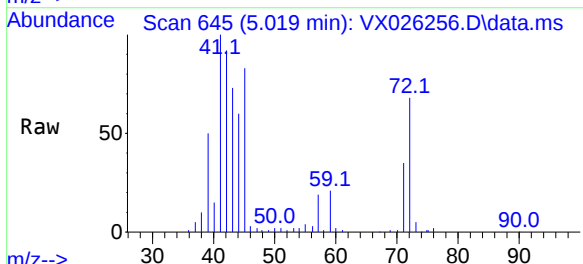
Tgt Ion: 42 Resp: 64049

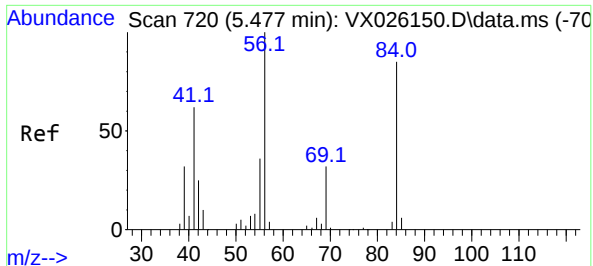
Ion Ratio Lower Upper

42 100

72 48.3 37.0 55.6

71 26.8 34.1 51.1#

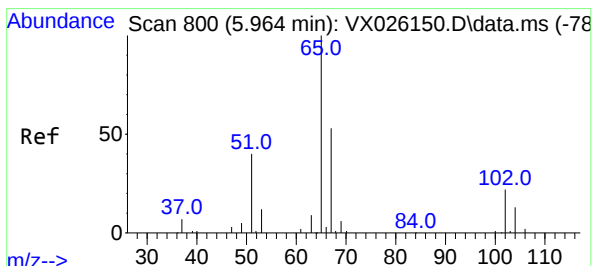
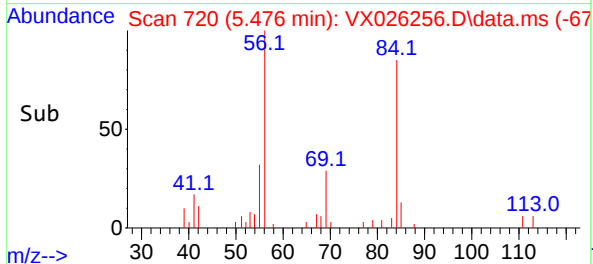
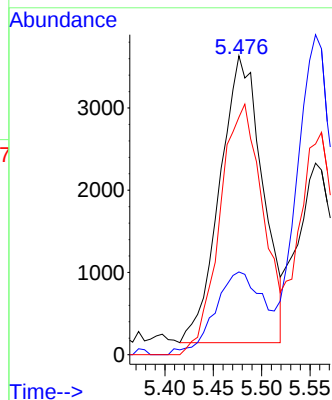
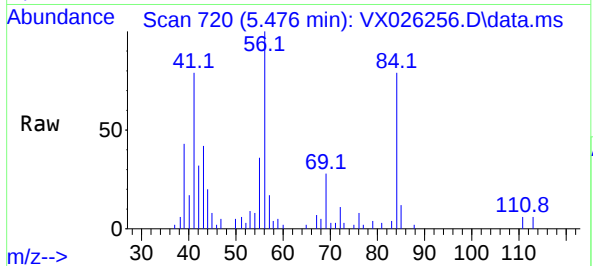




#31
Cyclohexane
Concen: 1.989 ug/l
RT: 5.476 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

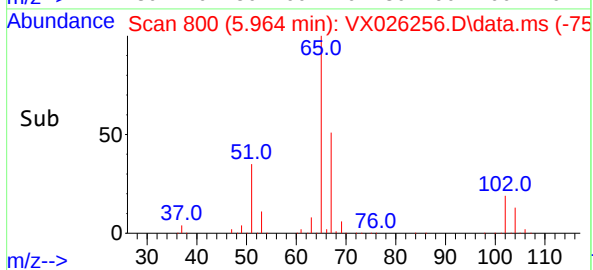
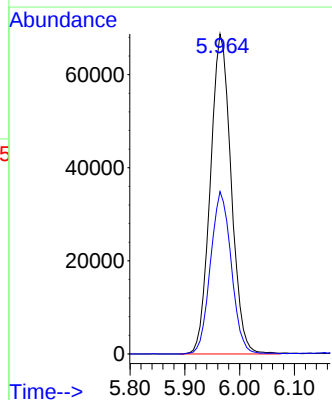
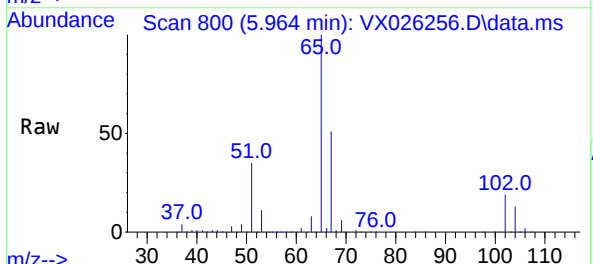
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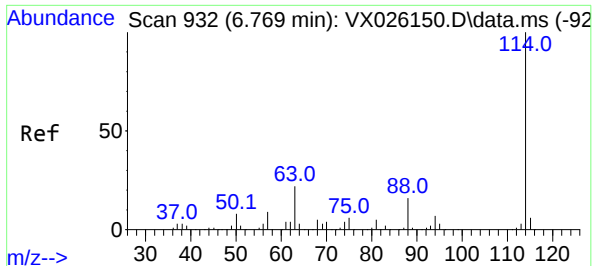
Tgt Ion: 56 Resp: 10710
Ion Ratio Lower Upper
56 100
69 27.1 23.9 35.9
84 82.7 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 47.870 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 65 Resp: 181045
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

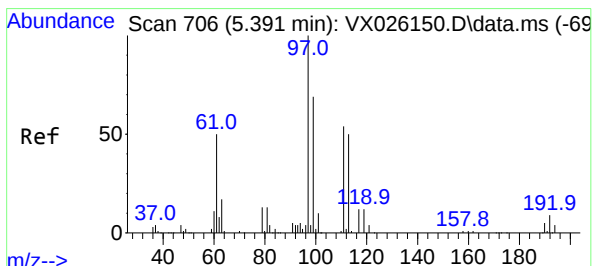
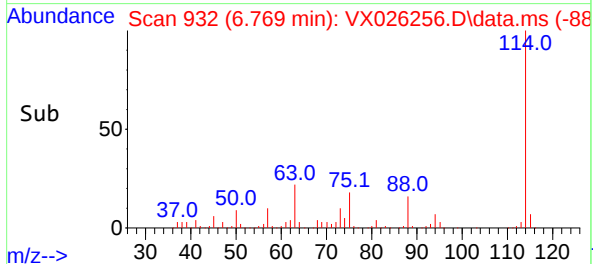
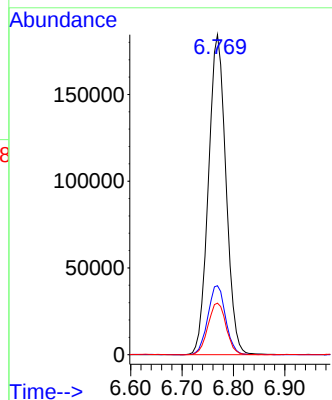
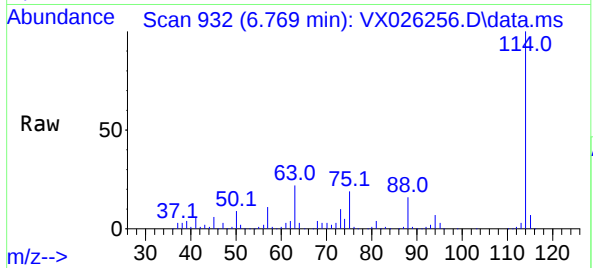




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

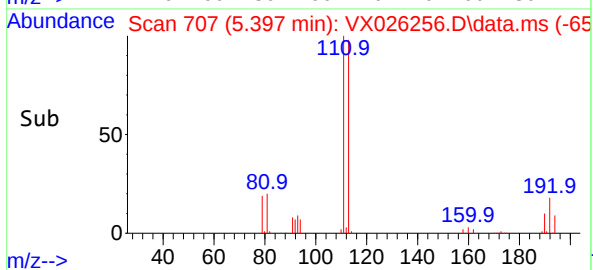
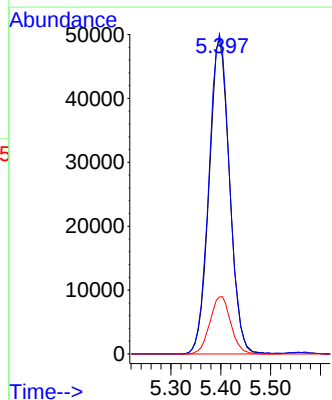
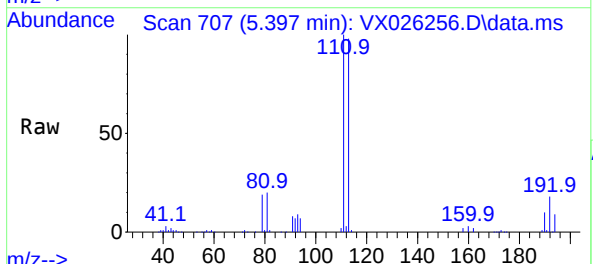
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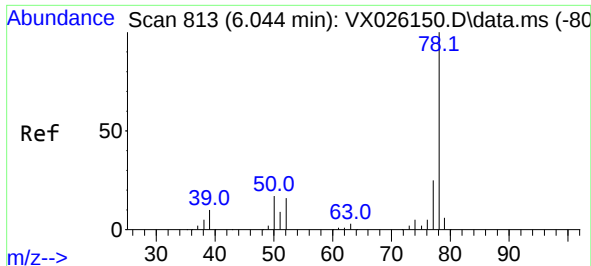
Tgt Ion:114 Resp: 436126
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion:113 Resp: 140499
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 18.5 15.0 22.4

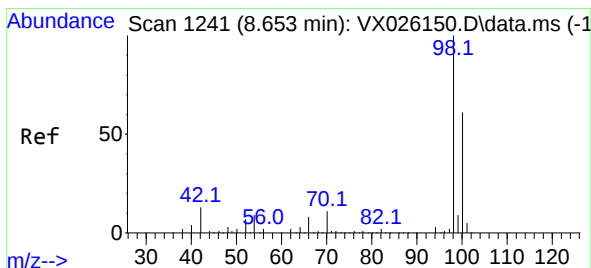
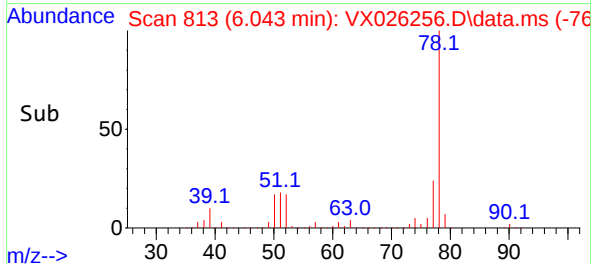
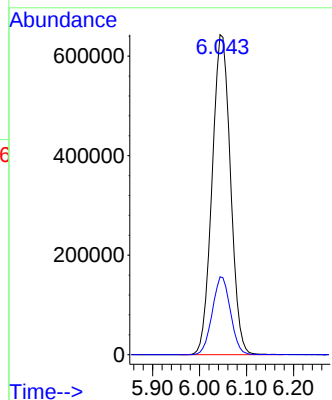
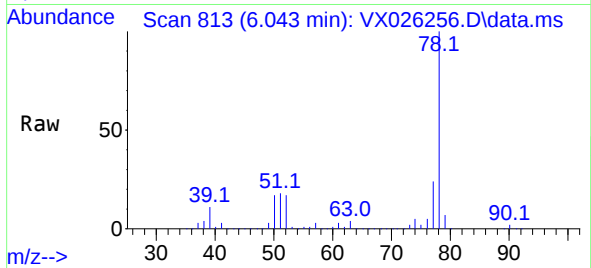




#40
Benzene
Concen: 133.930 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

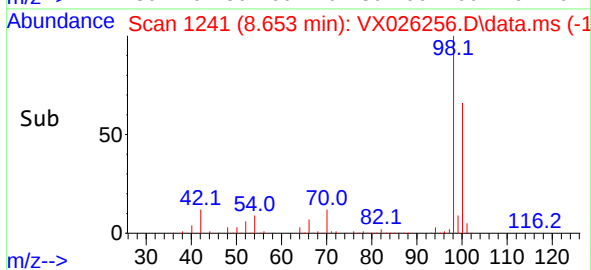
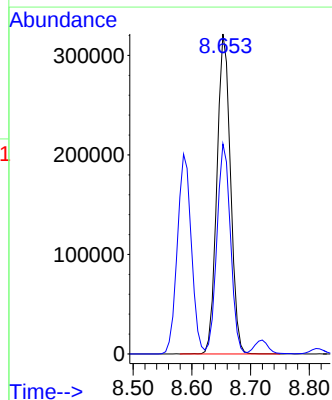
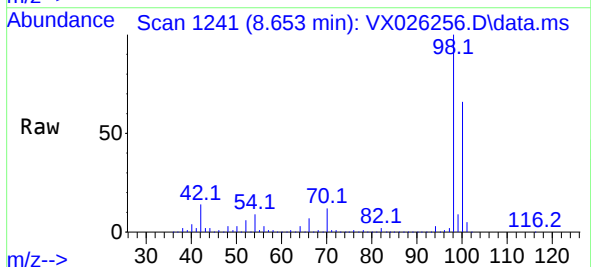
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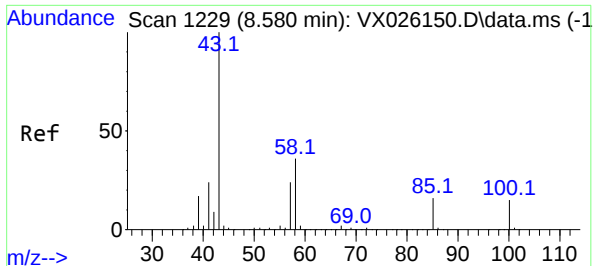
Tgt Ion: 78 Resp: 1748048
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8



#50
Toluene-d8
Concen: 48.796 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 98 Resp: 514634
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

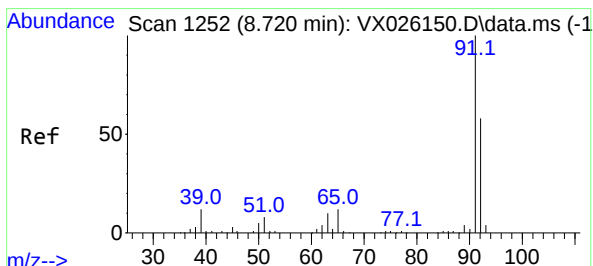
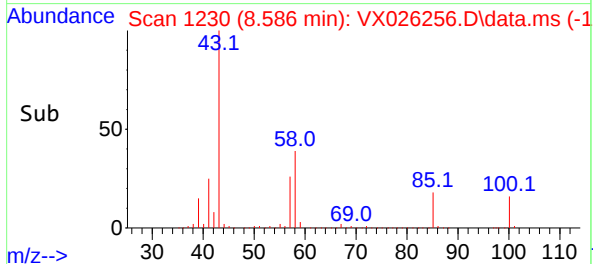
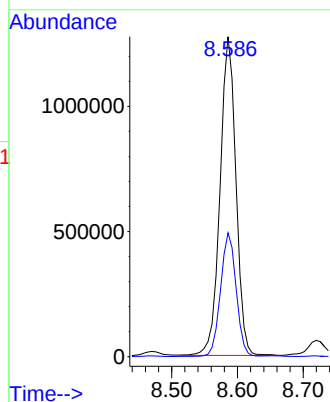
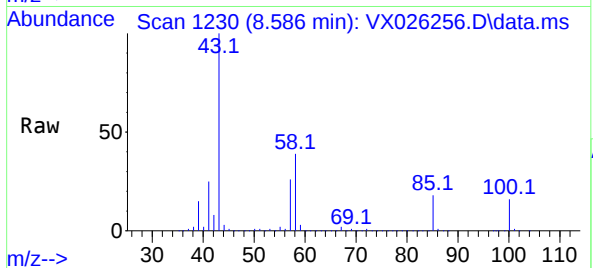




#51
4-Methyl-2-Pentanone
Concen: 398.888 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

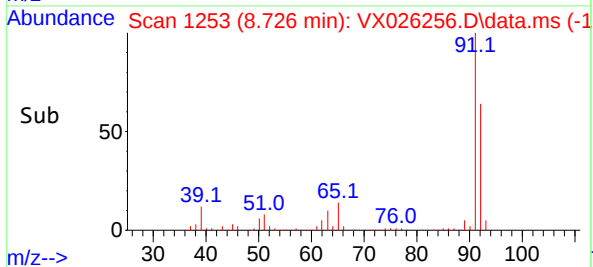
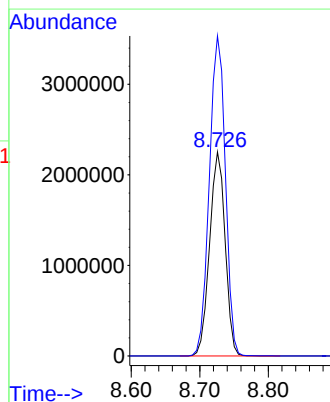
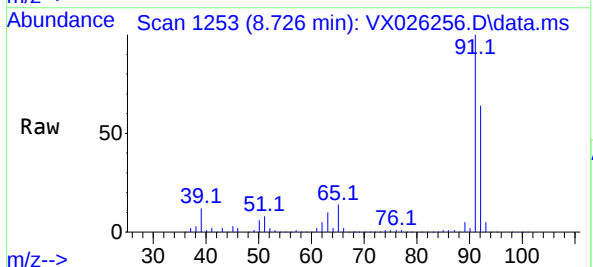
Instrument :
MSVOA_X
ClientSampleId :
40566

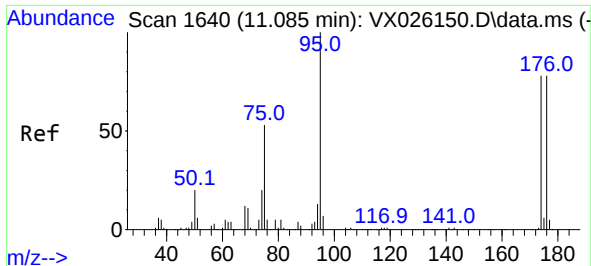
Tgt Ion: 43 Resp: 2145234
Ion Ratio Lower Upper
43 100
58 37.8 30.8 46.2



#52
Toluene
Concen: 441.768 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 92 Resp: 3549653
Ion Ratio Lower Upper
92 100
91 162.0 136.0 204.0

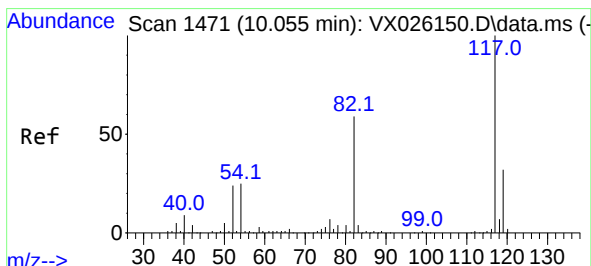
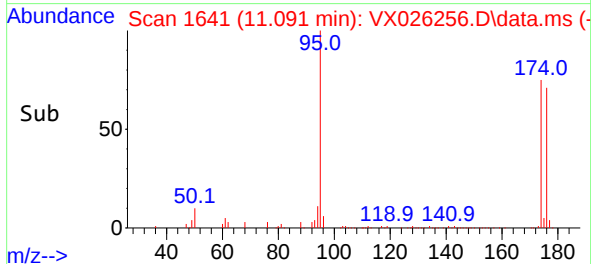
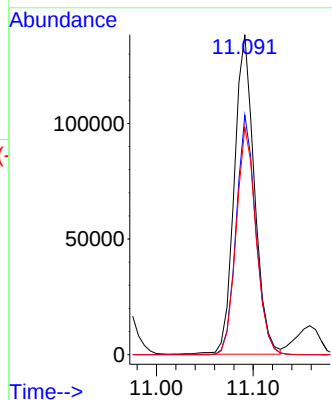
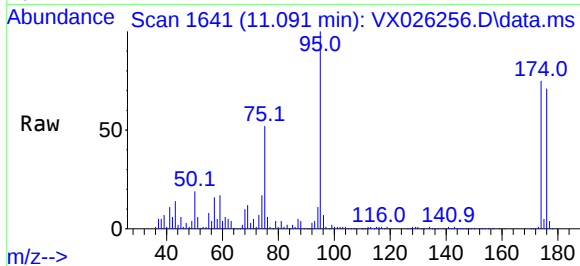




#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 11.091 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

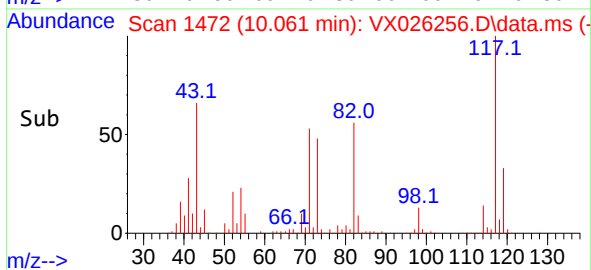
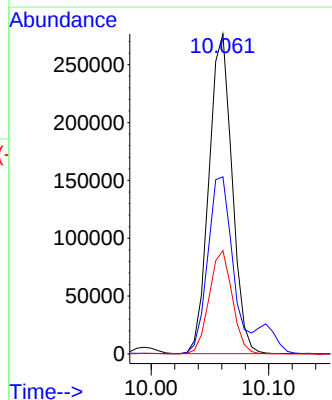
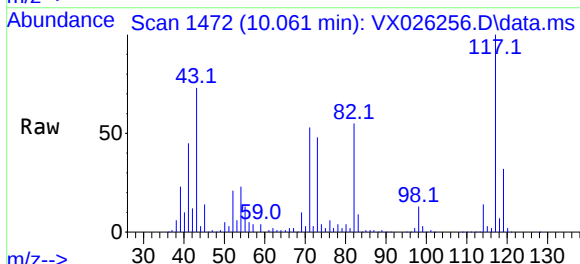
Instrument :
MSVOA_X
ClientSampleId :
40566

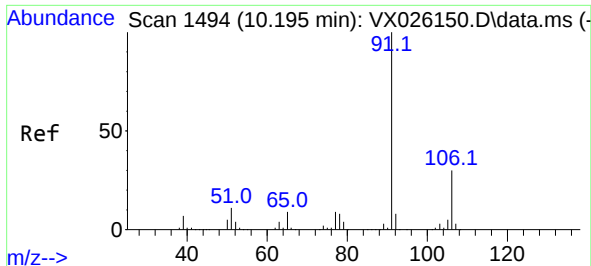
Tgt Ion: 95 Resp: 199631
Ion Ratio Lower Upper
95 100
174 72.9 0.0 157.4
176 70.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 117 Resp: 378038
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.6
119 32.3 25.2 37.8

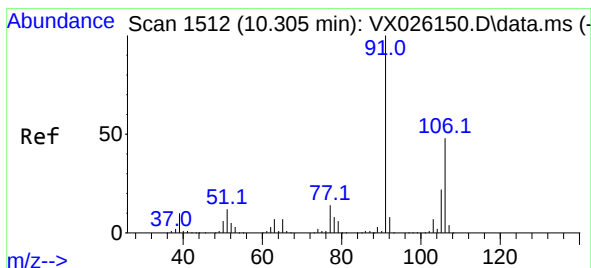
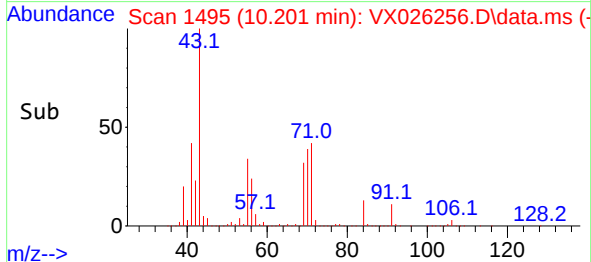
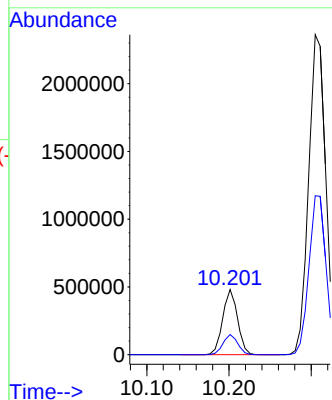
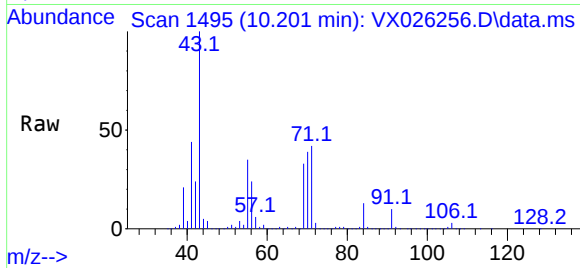




#67
Ethyl Benzene
Concen: 40.523 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

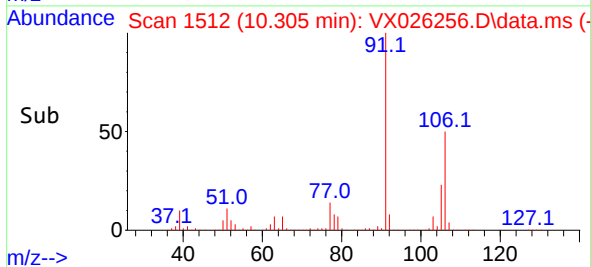
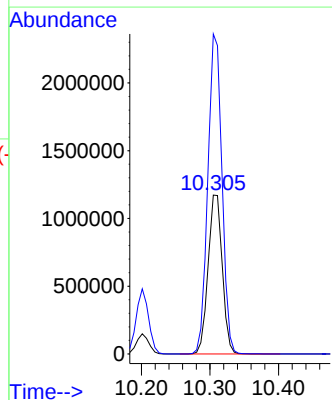
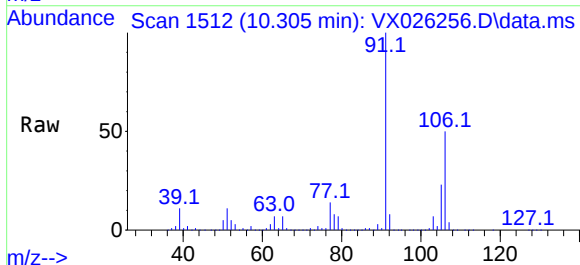
Instrument :
MSVOA_X
ClientSampleId :
40566

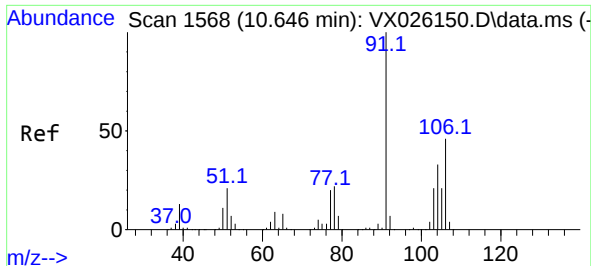
Tgt Ion: 91 Resp: 601726
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5



#68
m/p-Xylenes
Concen: 304.032 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion: 106 Resp: 1685664
Ion Ratio Lower Upper
106 100
91 200.9 158.6 238.0

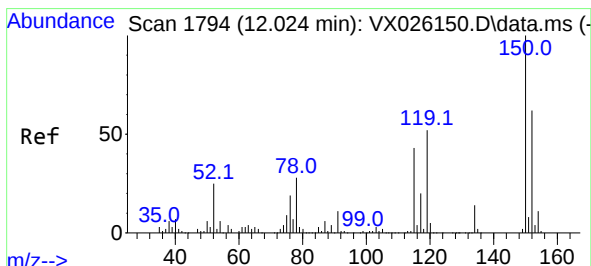
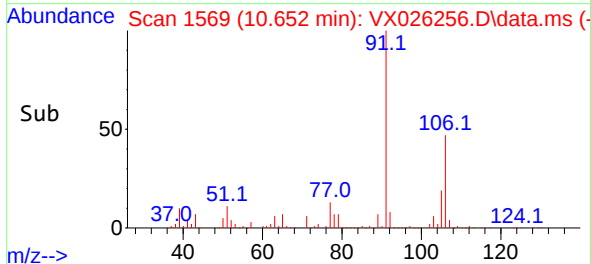
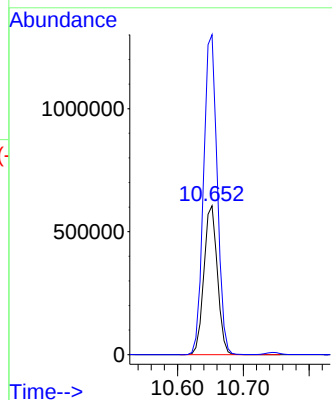
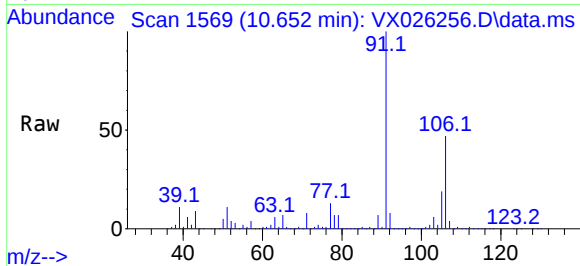




#69
o-Xylene
Concen: 158.755 ug/l
RT: 10.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

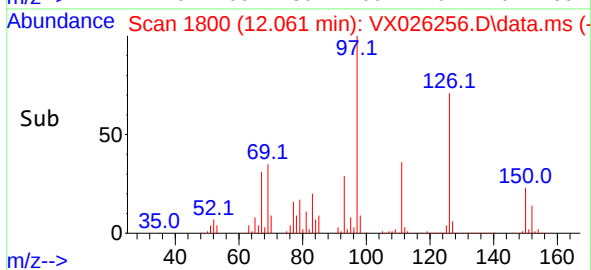
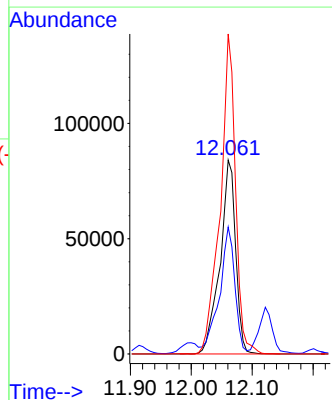
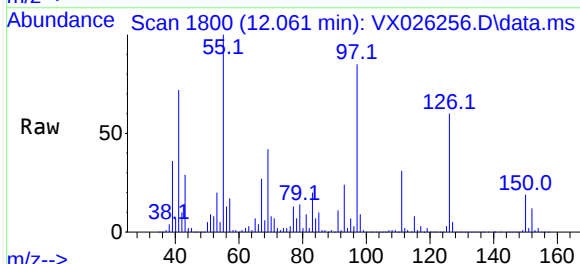
Instrument :
MSVOA_X
ClientSampleId :
40566

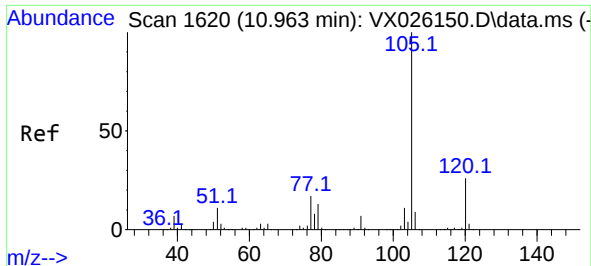
Tgt Ion:106 Resp: 861213
Ion Ratio Lower Upper
106 100
91 217.9 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.037 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion:152 Resp: 150150
Ion Ratio Lower Upper
152 100
115 64.4 41.3 123.9
150 161.7 0.0 351.8

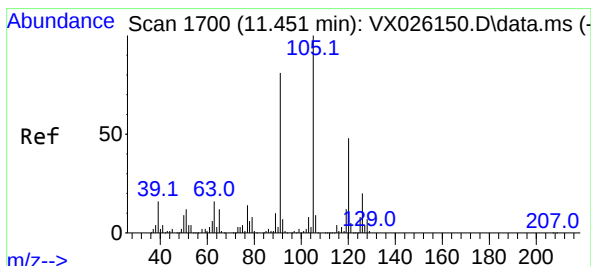
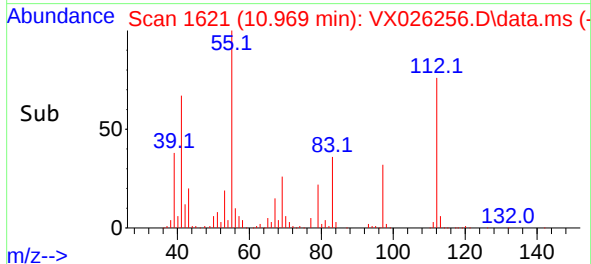
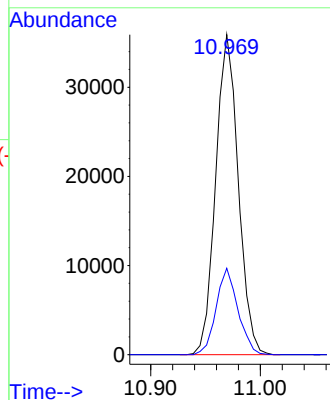
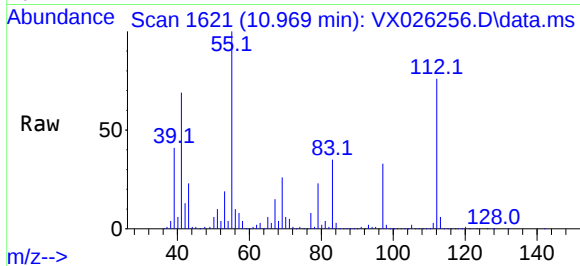




#73
Isopropylbenzene
Concen: 4.405 ug/l
RT: 10.969 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

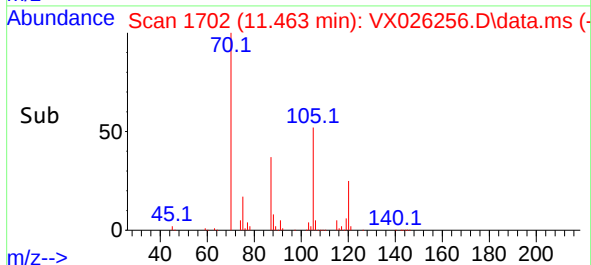
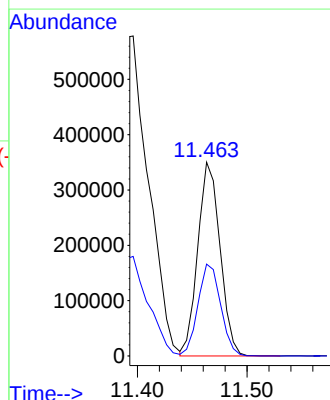
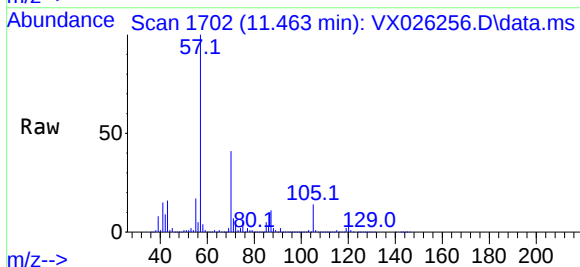
Instrument :
MSVOA_X
ClientSampleId :
40566

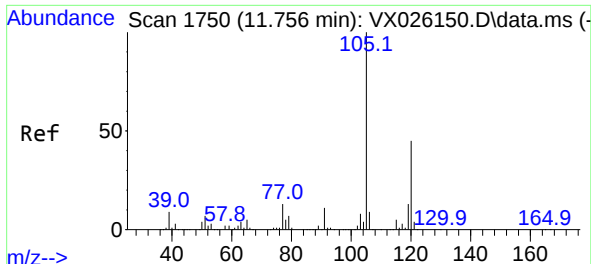
Tgt Ion:105 Resp: 51415
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7



#80
1,3,5-Trimethylbenzene
Concen: 51.130 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion:105 Resp: 495224
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7

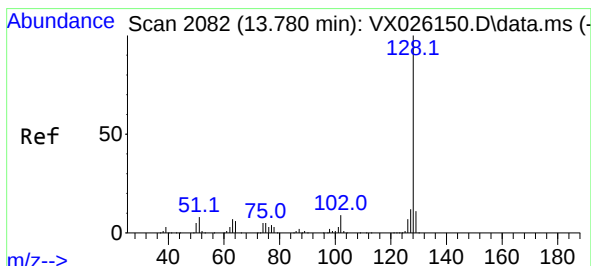
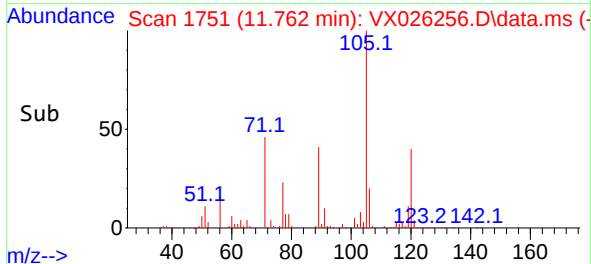
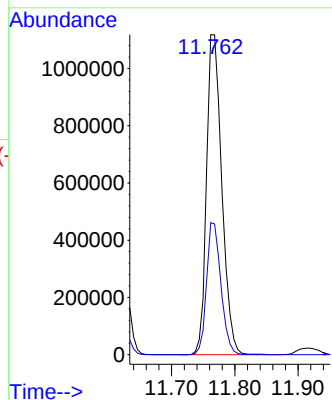
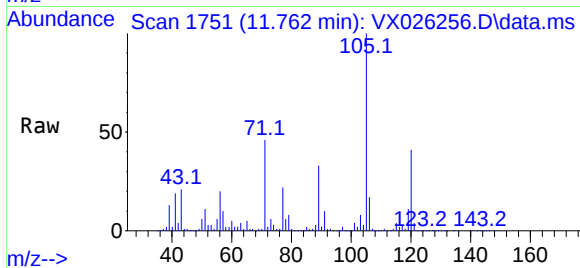




#84
1,2,4-Trimethylbenzene
Concen: 194.570 ug/l
RT: 11.762 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Instrument :
MSVOA_X
ClientSampleId :
40566

Tgt Ion:105 Resp: 1883011
Ion Ratio Lower Upper
105 100
120 38.8 22.9 68.7



#95
Naphthalene
Concen: 11.821 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026256.D
Acq: 04 Jan 2022 05:52

Tgt Ion:128 Resp: 137183
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

