

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026260.D
 Acq On : 04 Jan 2022 07:24
 Operator : JC/MD
 Sample : M5336-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40567

Quant Time: Jan 04 17:33:10 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)

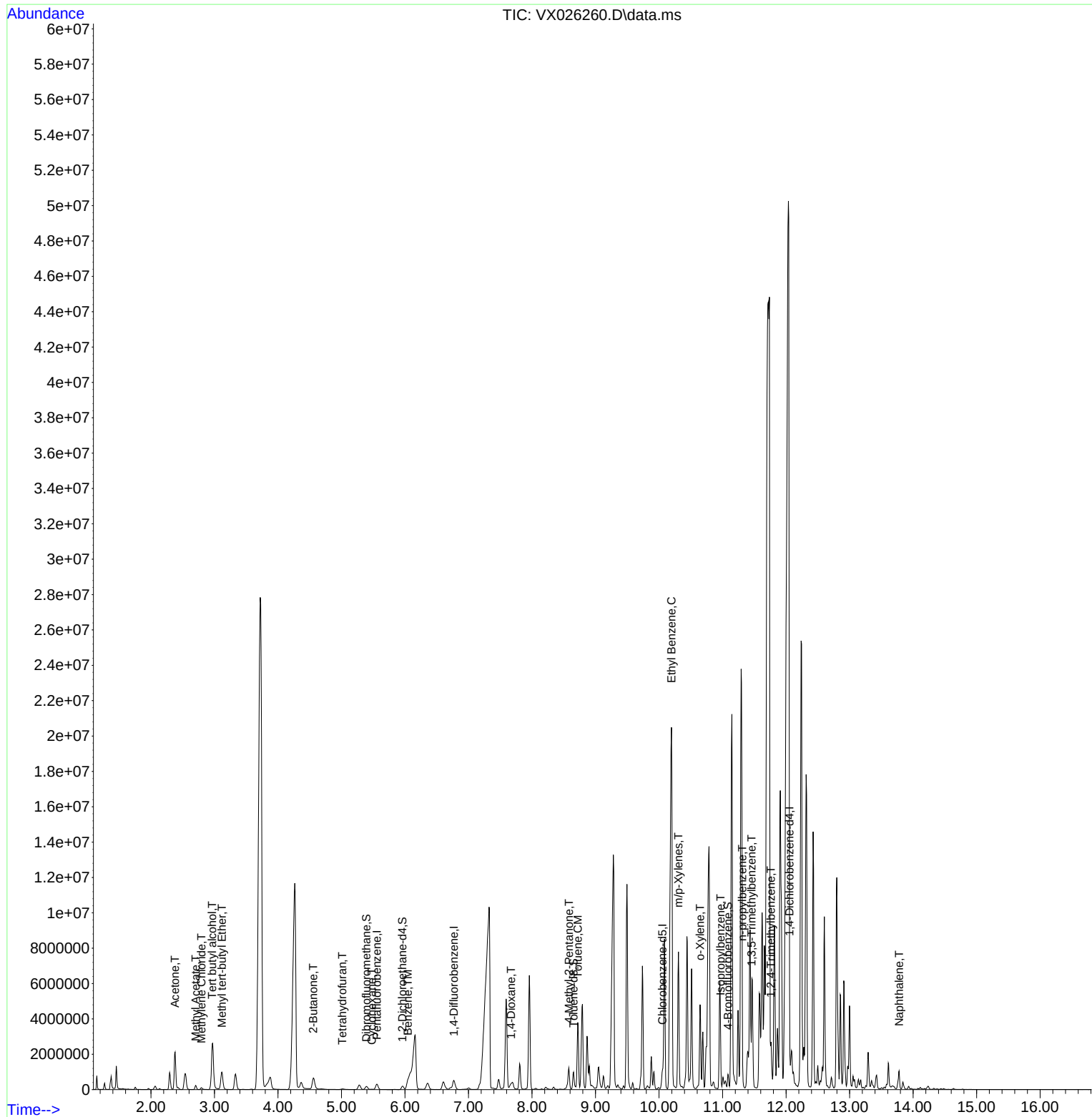
Internal Standards						
1) Pentafluorobenzene	5.556	168	282259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	479670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.055	152	163739	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198017	48.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.980%		
35) Dibromofluoromethane	5.391	113	153309	49.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.320%		
50) Toluene-d8	8.653	98	556461	47.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.940%		
62) 4-Bromofluorobenzene	11.085	95	209413	50.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.420%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	953592	1169.190	ug/l #	92
16) Acetone	2.379	43	2299900	1039.513	ug/l	99
18) Methyl Acetate	2.703	43	278908	38.864	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1103715	101.098	ug/l	98
20) Methylene Chloride	2.794	84	45890	12.259	ug/l	97
25) 2-Butanone	4.556	43	1046245	339.473	ug/l	98
29) Tetrahydrofuran	5.013	42	20060	10.327	ug/l #	87
31) Cyclohexane	5.476	56	13677	2.352	ug/l	94
40) Benzene	6.043	78	577126	40.204	ug/l	98
49) 1,4-Dioxane	7.671	88	165622m	1971.547	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	795016	134.407	ug/l	95
52) Toluene	8.720	92	1420677	160.758	ug/l	98
67) Ethyl Benzene	10.195	91	780509	48.703	ug/l	98
68) m/p-Xylenes	10.305	106	1779806	297.443	ug/l	98
69) o-Xylene	10.646	106	936773	160.005	ug/l	97
73) Isopropylbenzene	10.969	105	68680	5.396	ug/l	97
78) n-propylbenzene	11.311	91	185903	12.704	ug/l	83
80) 1,3,5-Trimethylbenzene	11.457	105	264650	25.057	ug/l	97
84) 1,2,4-Trimethylbenzene	11.762	105	1117956	105.931	ug/l	93
95) Naphthalene	13.780	128	588620	46.513	ug/l	99

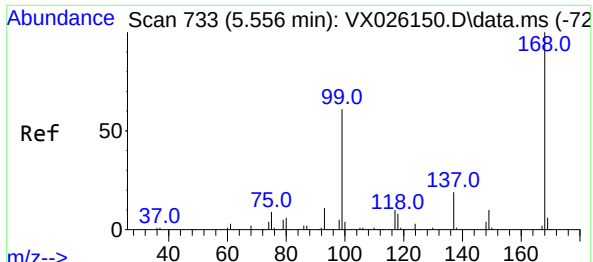
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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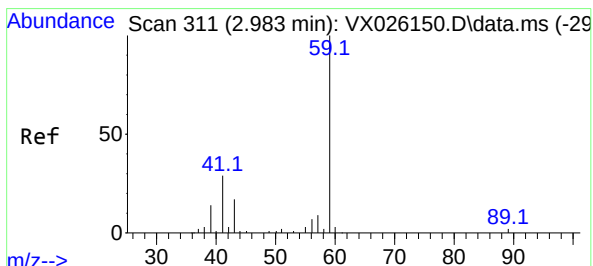
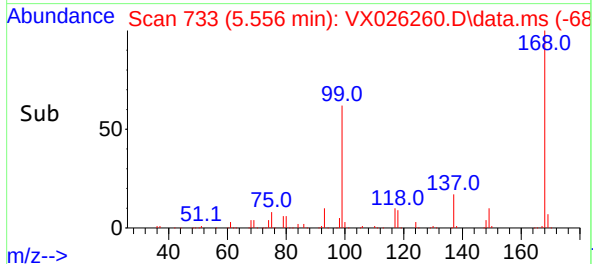
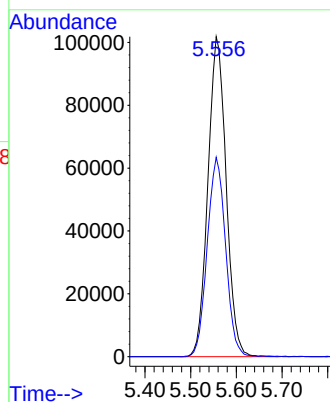
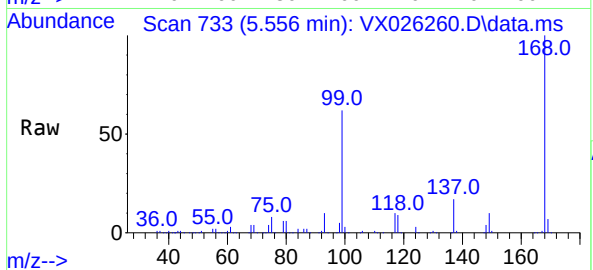




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

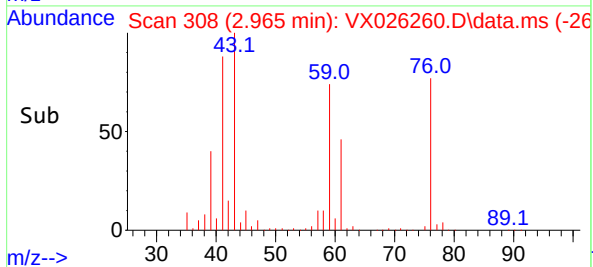
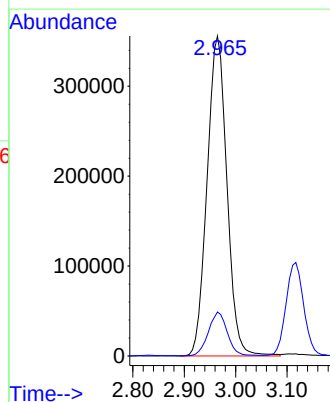
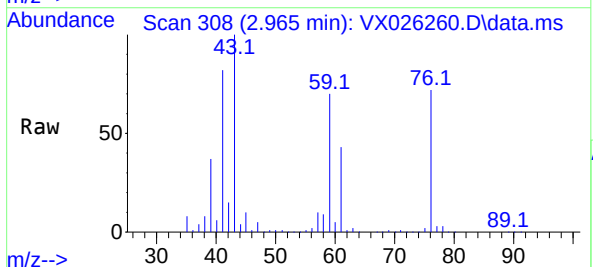
Instrument :
MSVOA_X
ClientSampleId :
40567

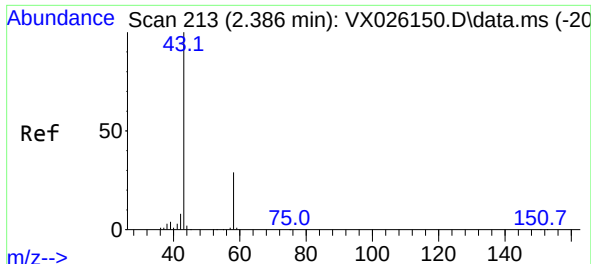
Tgt Ion:168 Resp: 282259
Ion Ratio Lower Upper
168 100
99 62.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 1169.190 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 59 Resp: 953592
Ion Ratio Lower Upper
59 100
57 13.2 8.2 12.2#

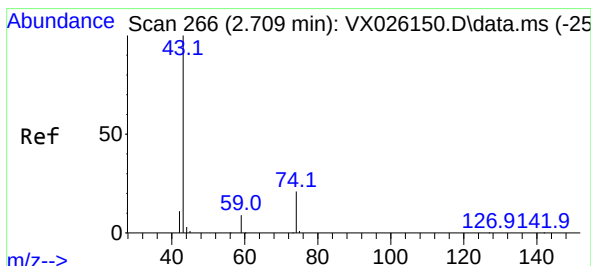
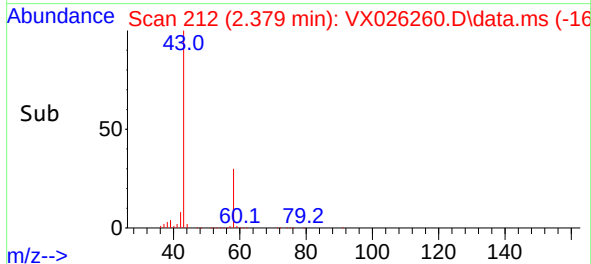
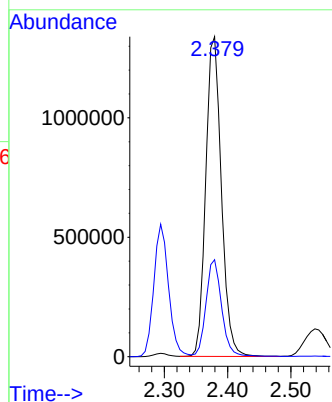
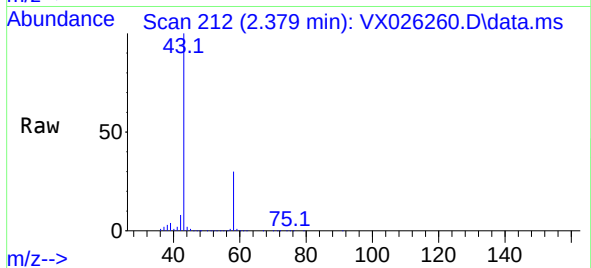




#16
Acetone
Concen: 1039.513 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

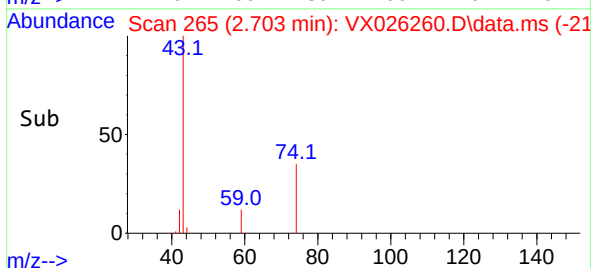
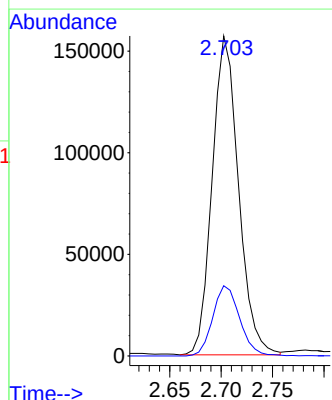
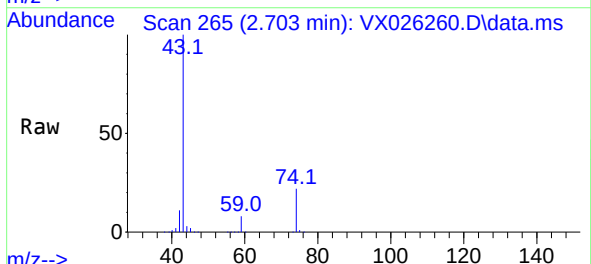
Instrument :
MSVOA_X
ClientSampleId :
40567

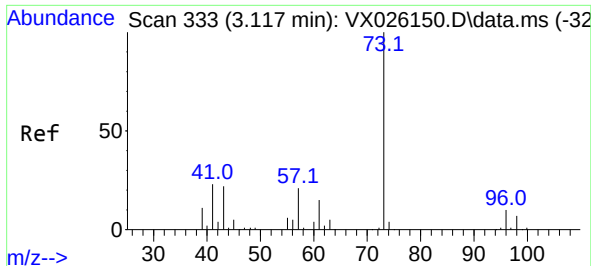
Tgt Ion: 43 Resp: 2299900
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2



#18
Methyl Acetate
Concen: 38.864 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 43 Resp: 278908
Ion Ratio Lower Upper
43 100
74 22.6 19.1 28.7

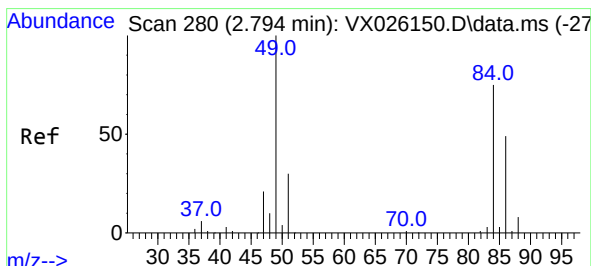
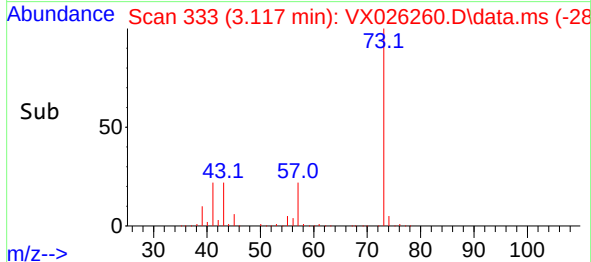
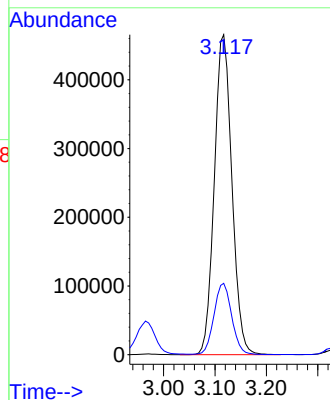
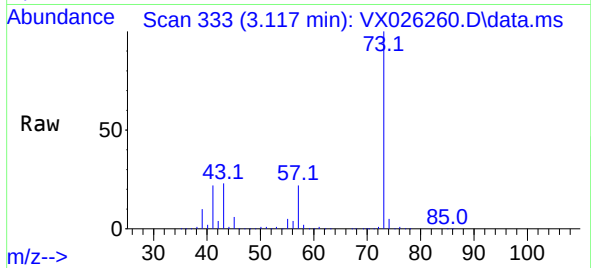




#19
Methyl tert-butyl Ether
Concen: 101.098 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

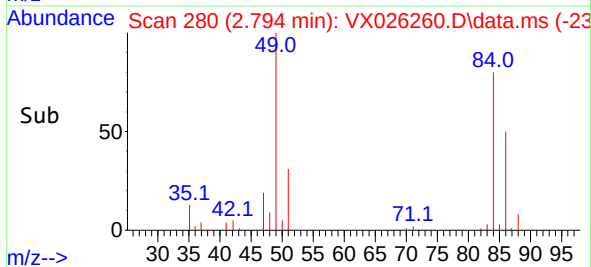
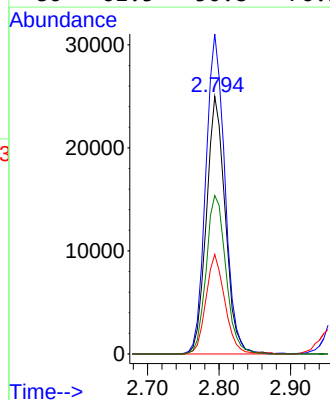
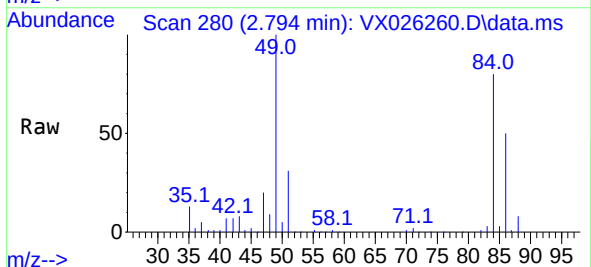
Instrument :
MSVOA_X
ClientSampleId :
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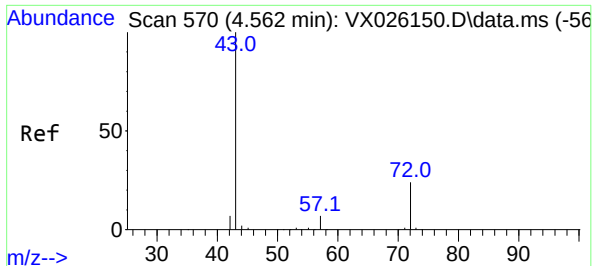
Tgt Ion: 73 Resp: 1103715
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 12.259 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 84 Resp: 45890
Ion Ratio Lower Upper
84 100
49 124.2 97.1 145.7
51 38.6 29.3 43.9
86 61.5 50.8 76.2





#25

2-Butanone

Concen: 339.473 ug/l

RT: 4.556 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX026260.D

Acq: 04 Jan 2022 07:24

Instrument :

MSVOA_X

ClientSampleId :

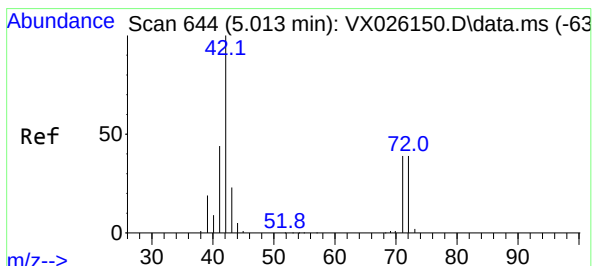
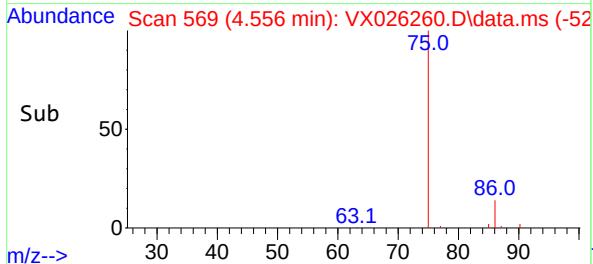
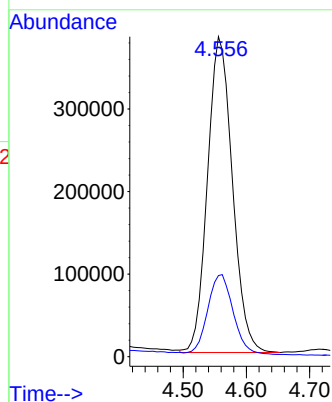
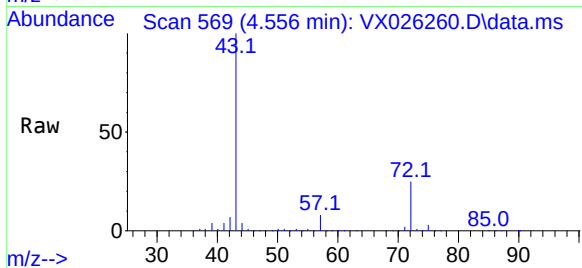
40567

Tgt Ion: 43 Resp: 1046245

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#29

Tetrahydrofuran

Concen: 10.327 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX026260.D

Acq: 04 Jan 2022 07:24

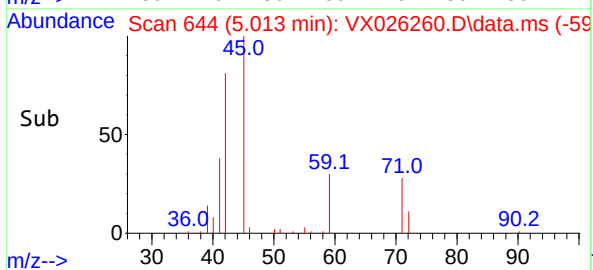
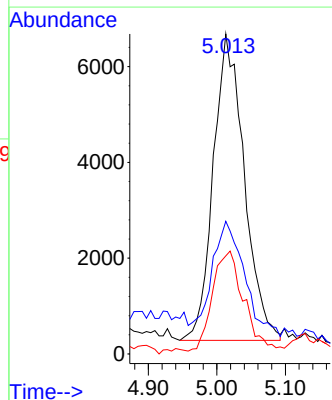
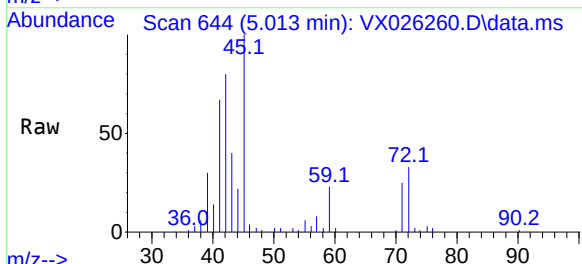
Tgt Ion: 42 Resp: 20060

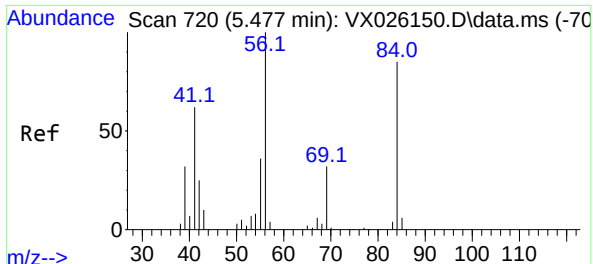
Ion Ratio Lower Upper

42 100

72 39.4 37.0 55.6

71 32.9 34.1 51.1#

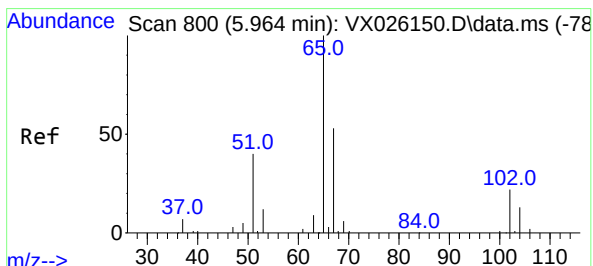
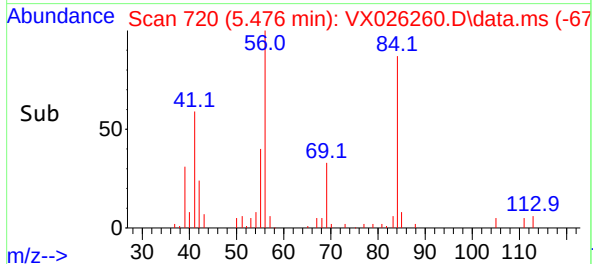
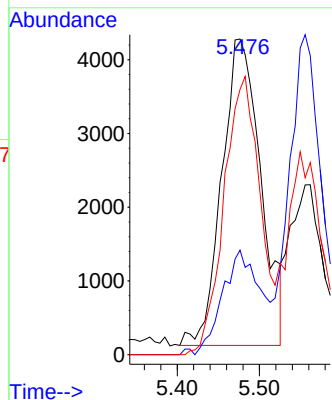
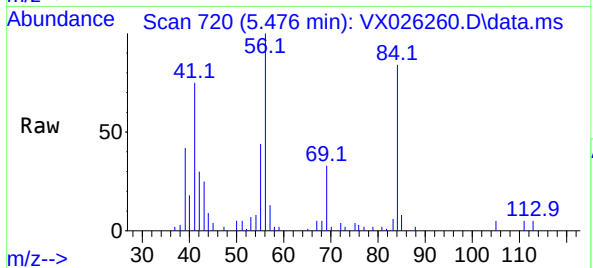




#31
Cyclohexane
Concen: 2.352 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

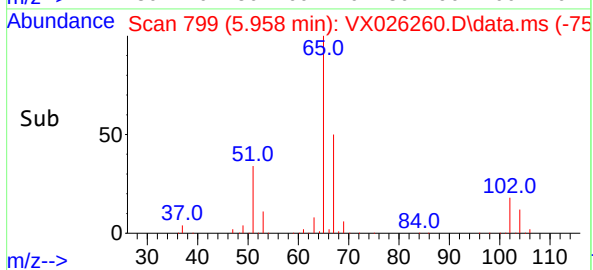
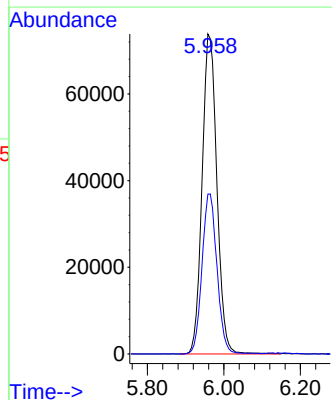
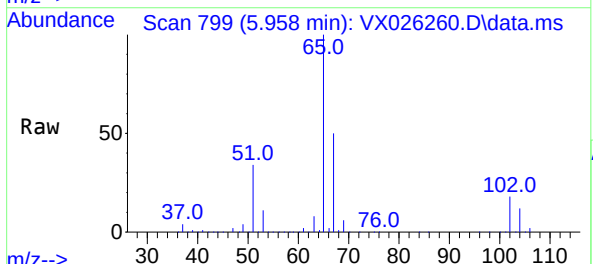
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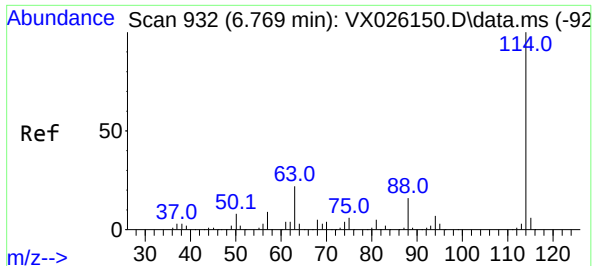
Tgt Ion:	56	Resp:	13677
Ion	Ratio	Lower	Upper
56	100		
69	34.1	23.9	35.9
84	86.5	73.2	109.8



#33
1,2-Dichloroethane-d4
Concen: 48.492 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion:	65	Resp:	198017
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.4

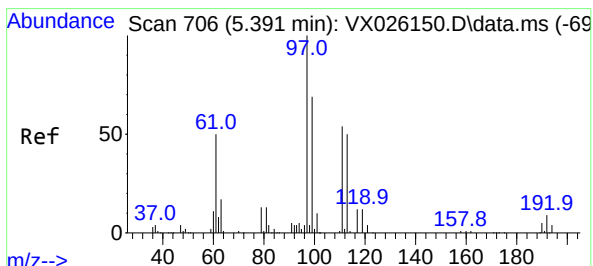
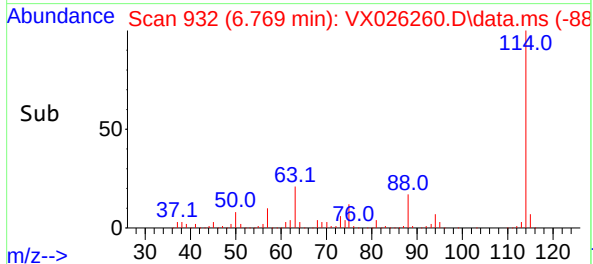
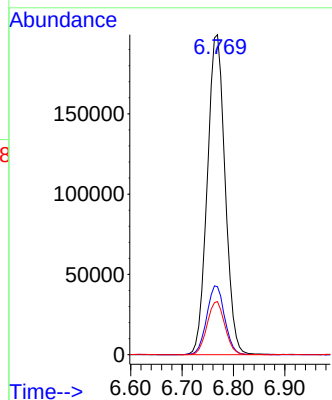
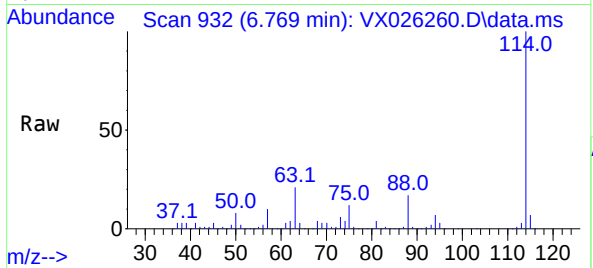




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

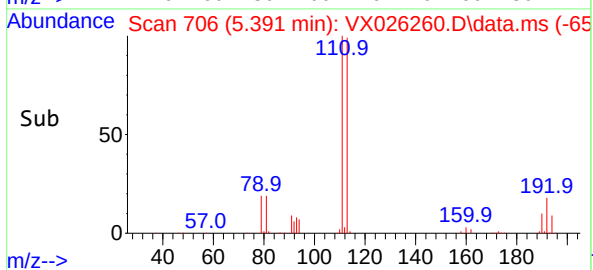
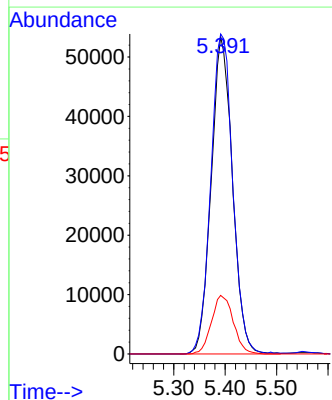
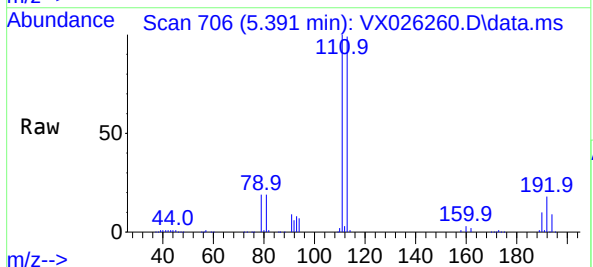
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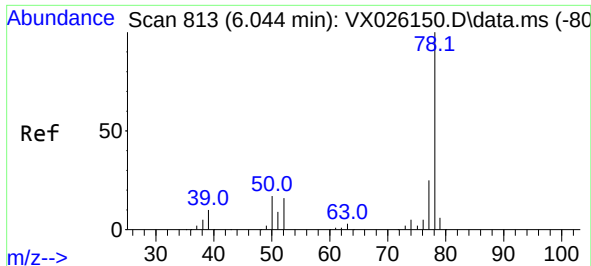
Tgt Ion:114 Resp: 479670
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.161 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion:113 Resp: 153309
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.9 15.0 22.4

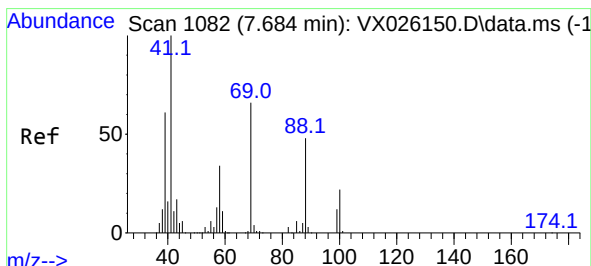
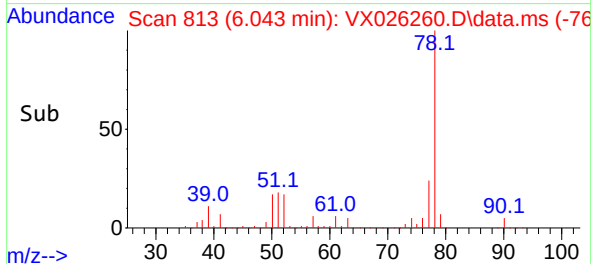
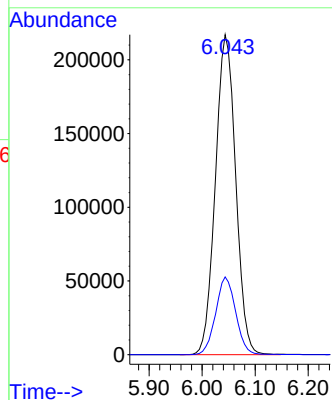
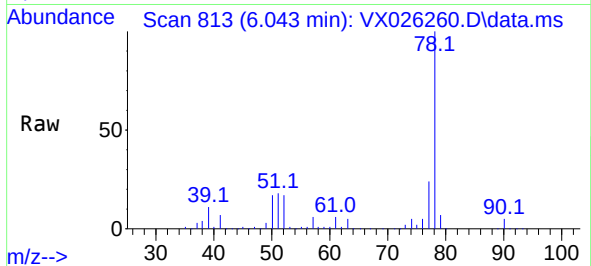




#40
Benzene
Concen: 40.204 ug/l
RT: 6.043 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

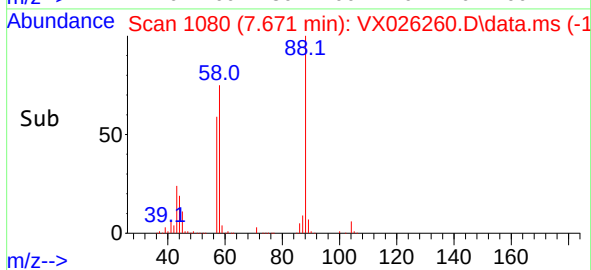
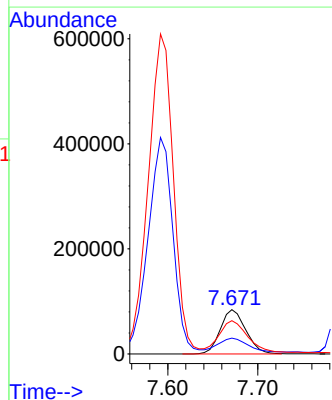
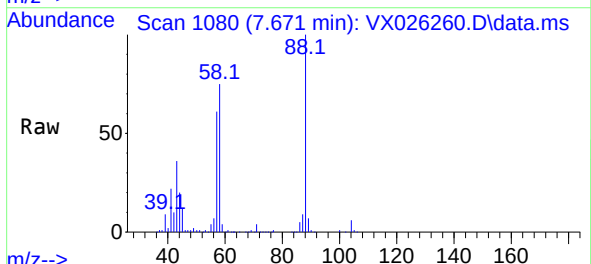
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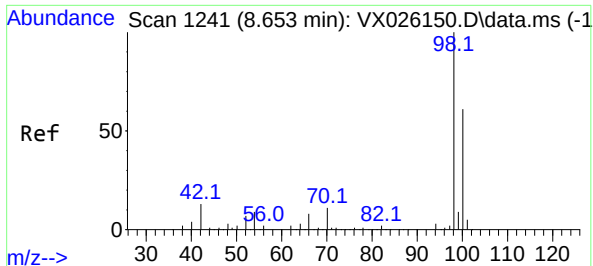
Tgt Ion: 78 Resp: 577126
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8



#49
1,4-Dioxane
Concen: 1971.547 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. -0.013 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 88 Resp: 165622
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 51.8 77.6#

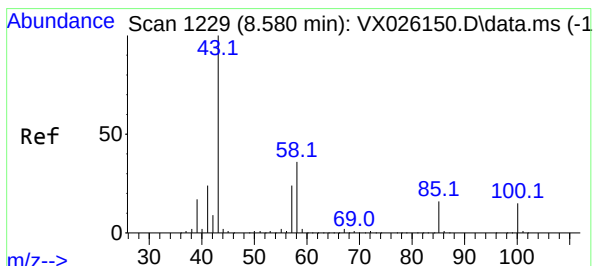
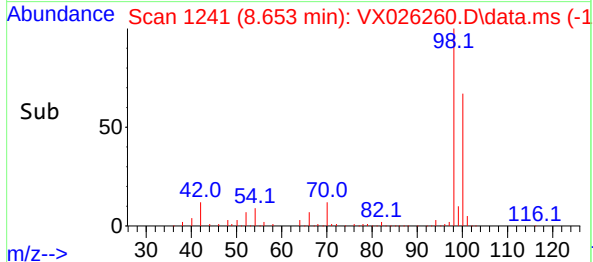
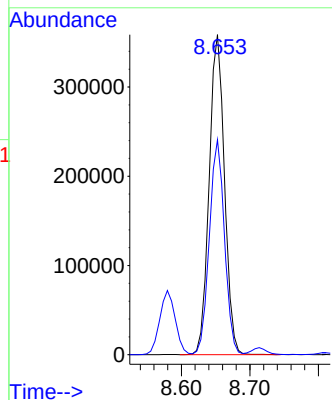
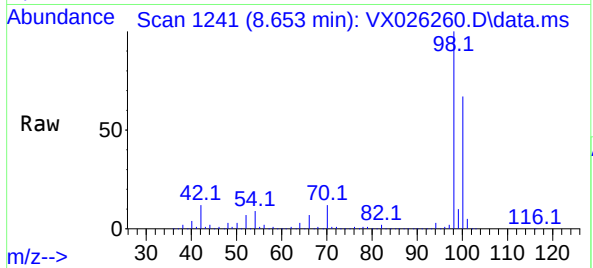




#50
Toluene-d8
Concen: 47.972 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

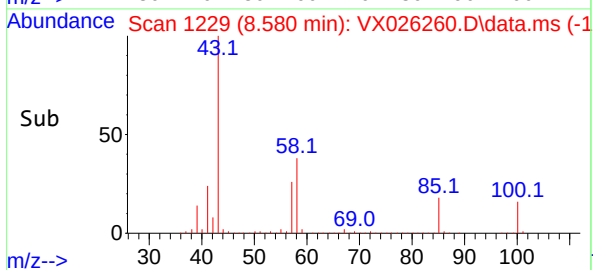
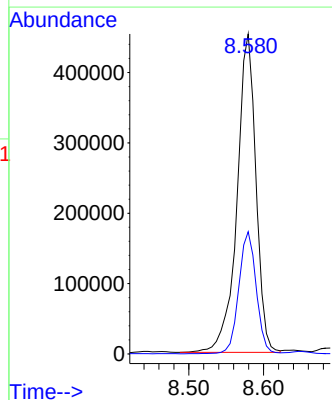
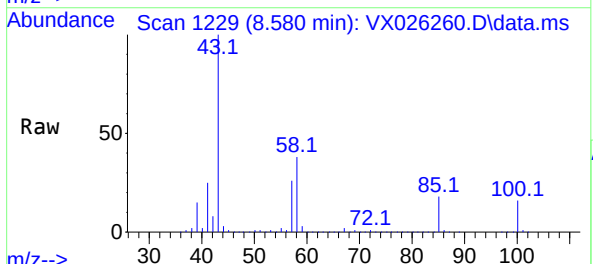
Instrument :
MSVOA_X
ClientSampleId :
40567

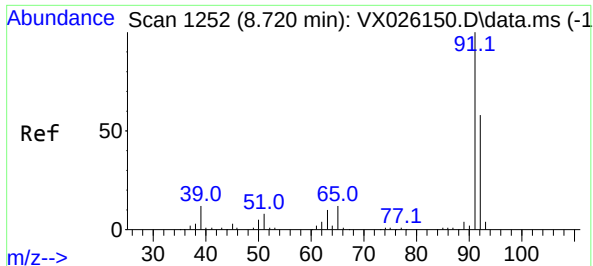
Tgt Ion: 98 Resp: 556461
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 134.407 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 43 Resp: 795016
Ion Ratio Lower Upper
43 100
58 35.2 30.8 46.2

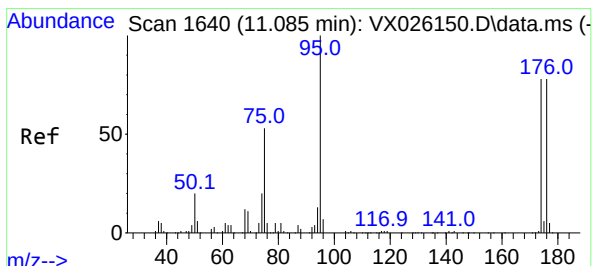
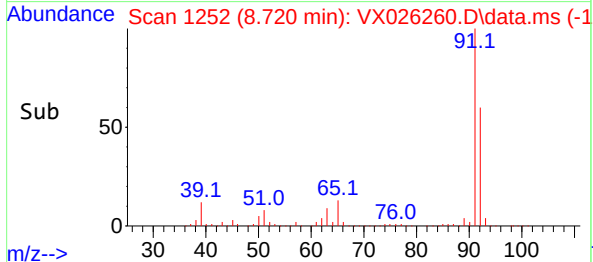
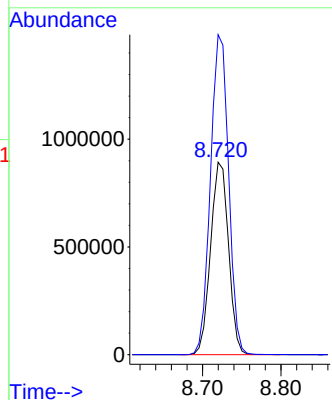
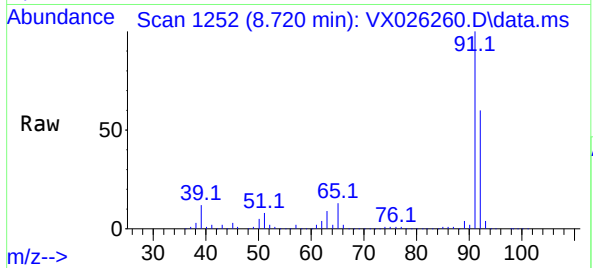




#52
Toluene
Concen: 160.758 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

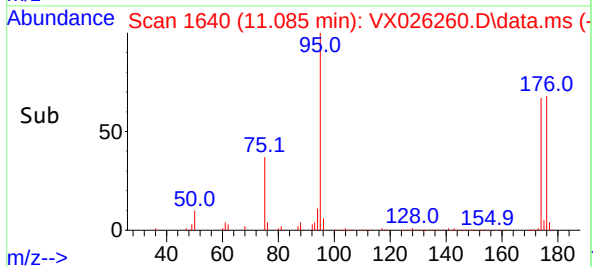
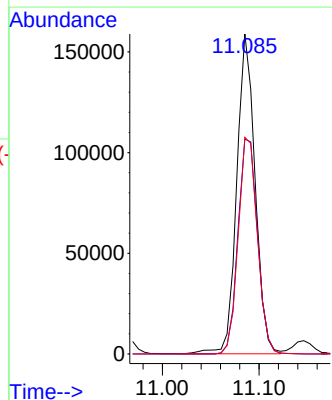
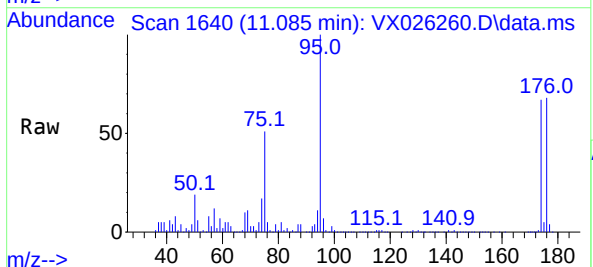
Instrument :
MSVOA_X
ClientSampleId :
40567

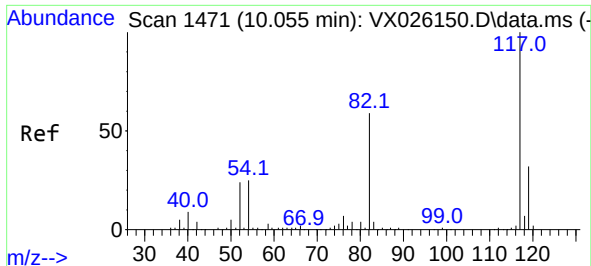
Tgt Ion: 92 Resp: 1420677
Ion Ratio Lower Upper
92 100
91 167.9 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 50.714 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 95 Resp: 209413
Ion Ratio Lower Upper
95 100
174 71.7 0.0 157.4
176 70.5 0.0 154.6

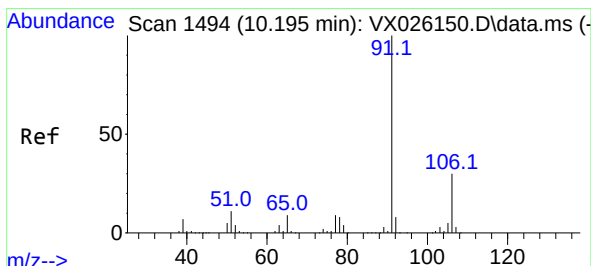
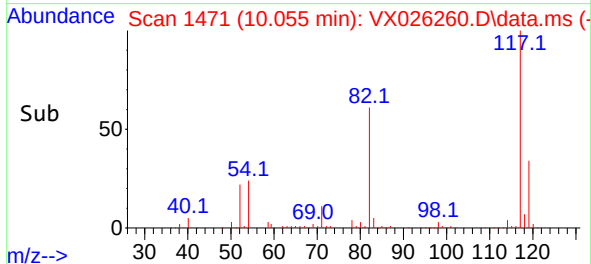
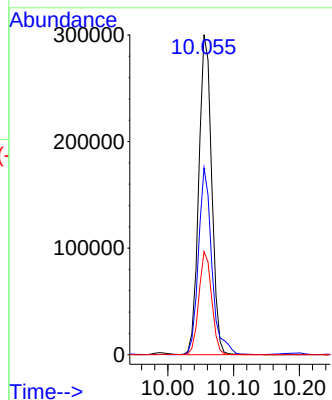
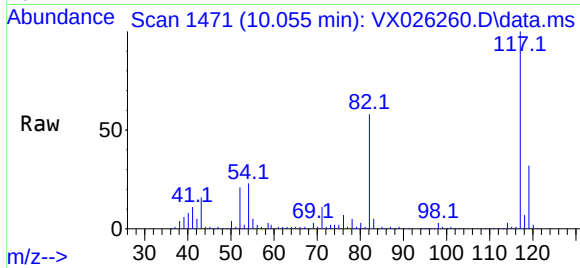




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

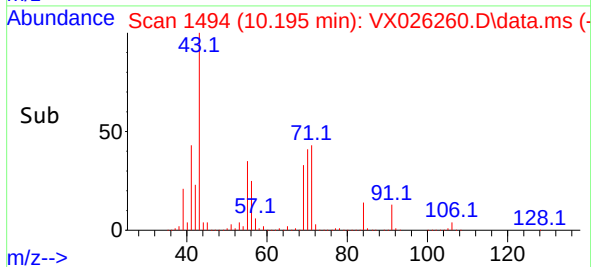
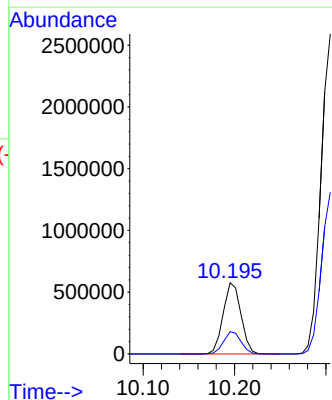
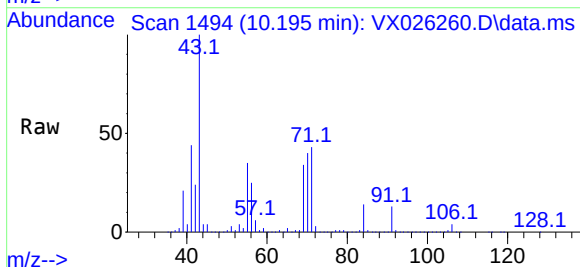
Instrument :
MSVOA_X
ClientSampleId :
40567

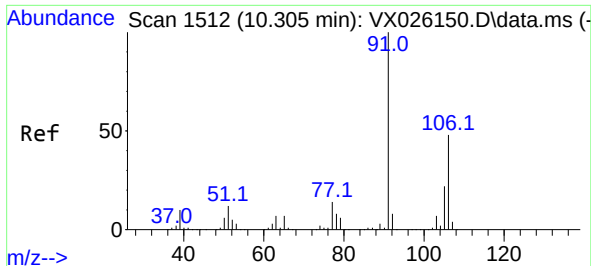
Tgt Ion:117 Resp: 407993
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.6
119 32.2 25.2 37.8



#67
Ethyl Benzene
Concen: 48.703 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 91 Resp: 780509
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

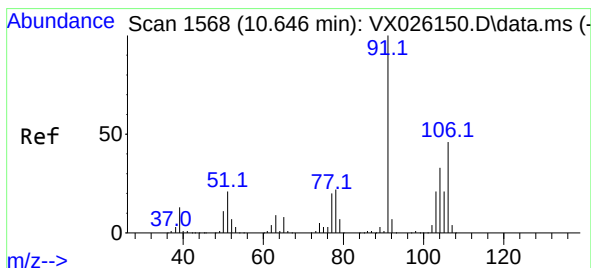
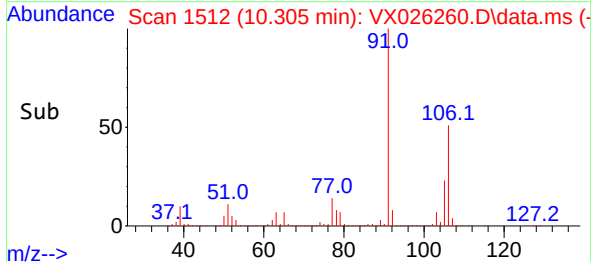
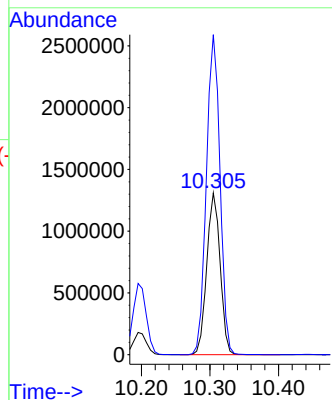
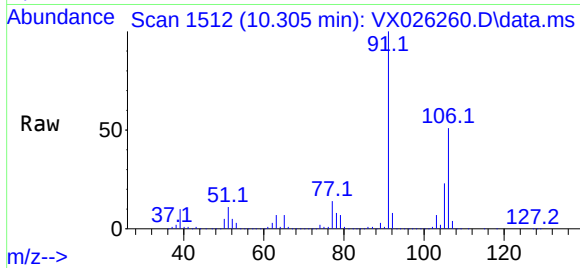




#68
m/p-Xylenes
Concen: 297.443 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

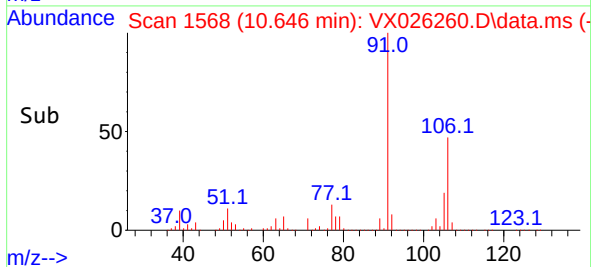
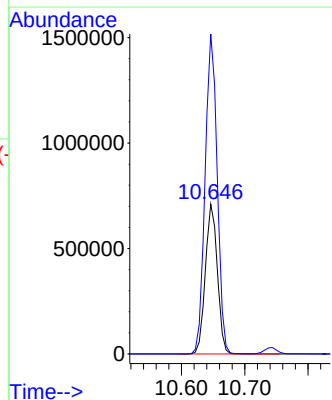
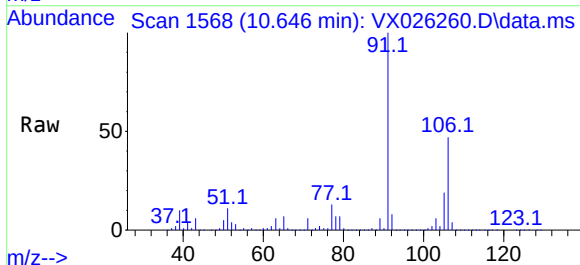
Instrument :
MSVOA_X
ClientSampleId :
40567

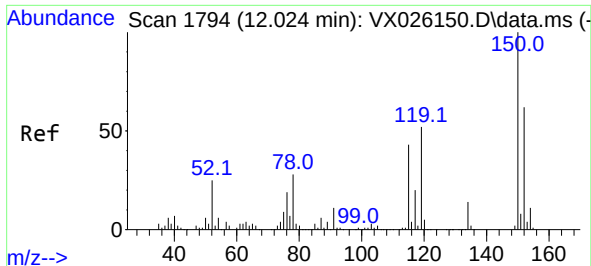
Tgt Ion:106 Resp: 1779806
Ion Ratio Lower Upper
106 100
91 201.5 158.6 238.0



#69
o-Xylene
Concen: 160.005 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion:106 Resp: 936773
Ion Ratio Lower Upper
106 100
91 216.1 105.5 316.4

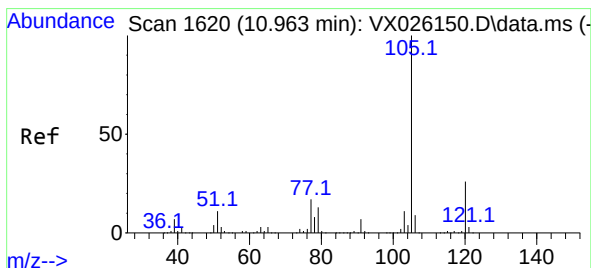
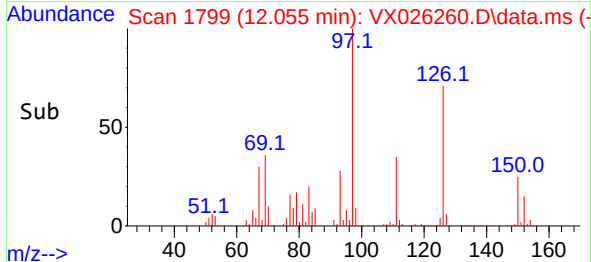
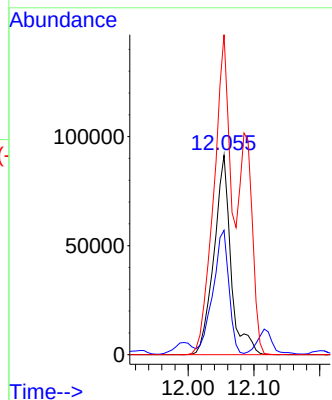
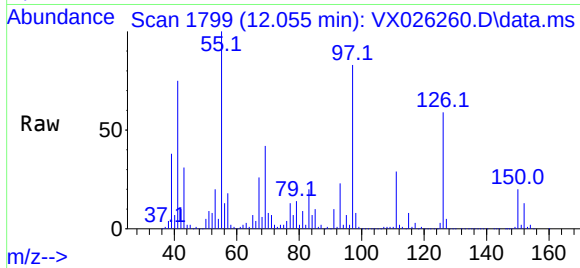




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.055 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

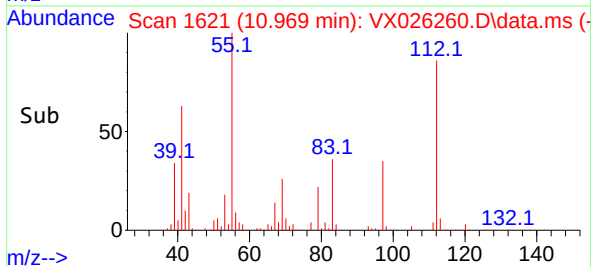
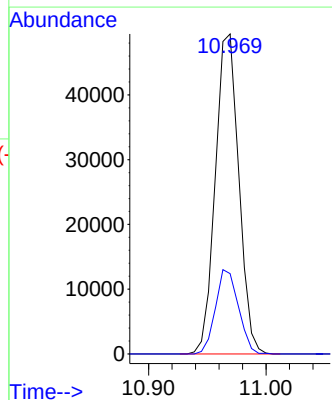
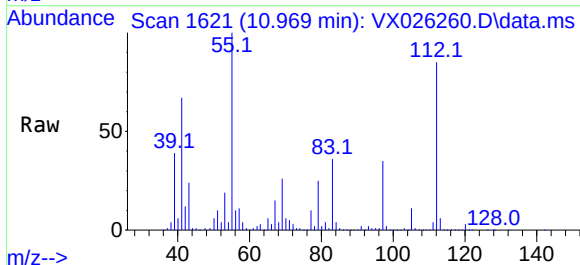
Instrument :
MSVOA_X
ClientSampleId :
40567

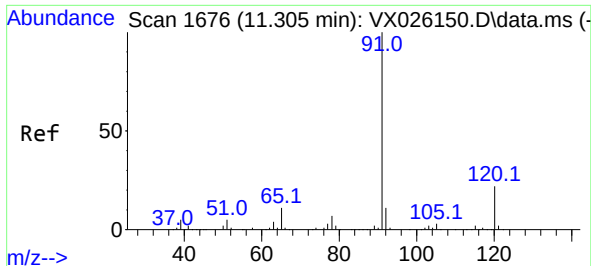
Tgt Ion:152 Resp: 163739
Ion Ratio Lower Upper
152 100
115 58.3 41.3 123.9
150 163.5 0.0 351.8



#73
Isopropylbenzene
Concen: 5.396 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion:105 Resp: 68680
Ion Ratio Lower Upper
105 100
120 25.7 13.6 40.7

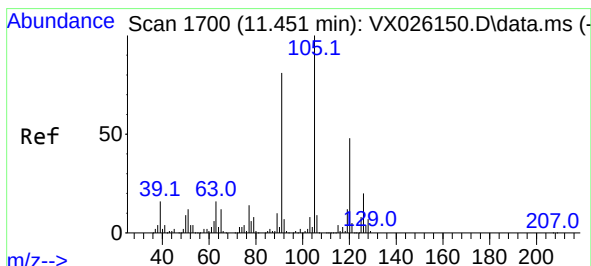
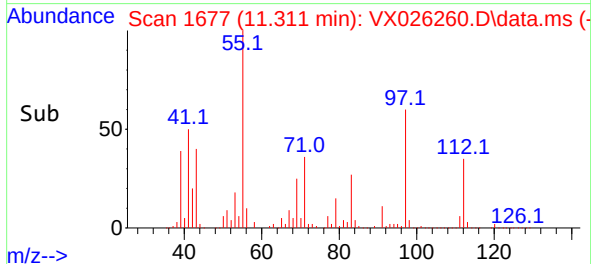
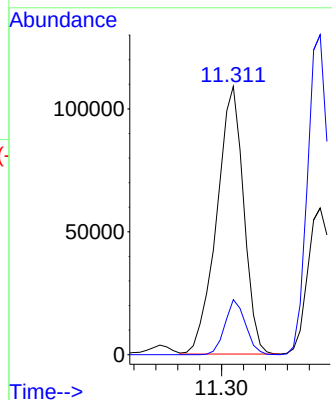
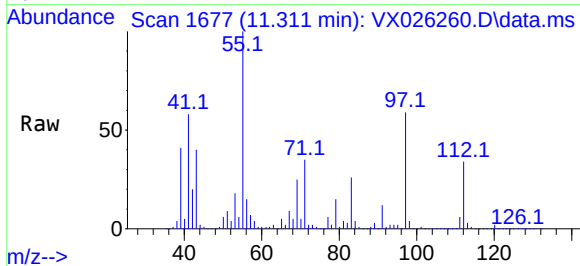




#78
n-propylbenzene
Concen: 12.704 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

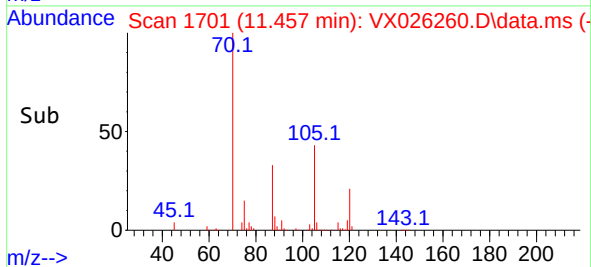
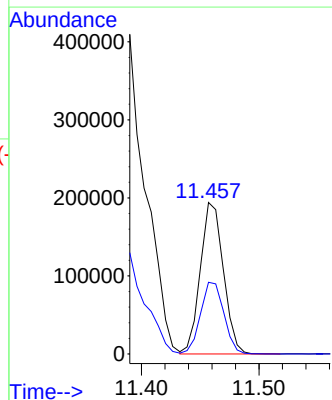
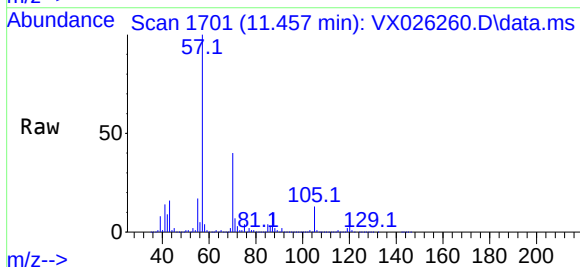
Instrument :
MSVOA_X
ClientSampleId :
40567

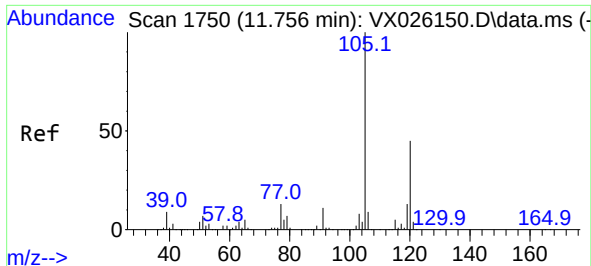
Tgt Ion: 91 Resp: 185903
Ion Ratio Lower Upper
91 100
120 15.7 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 25.057 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion: 105 Resp: 264650
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7

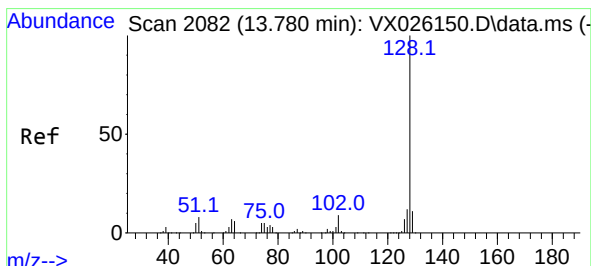
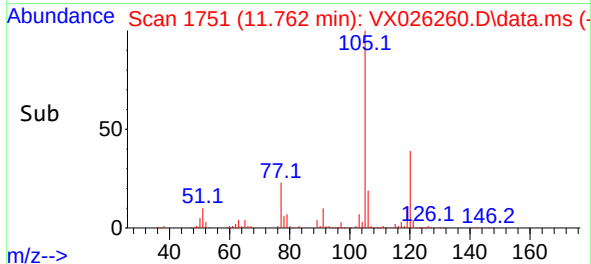
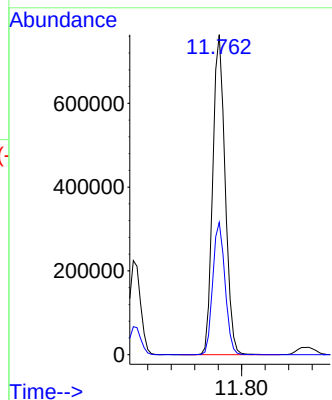
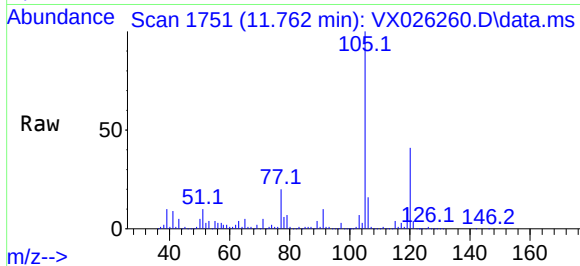




#84
1,2,4-Trimethylbenzene
Concen: 105.931 ug/l
RT: 11.762 min Scan# 1117956
Delta R.T. 0.006 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Instrument :
MSVOA_X
ClientSampleId :
40567

Tgt Ion:105 Resp: 1117956
Ion Ratio Lower Upper
105 100
120 40.9 22.9 68.7



#95
Naphthalene
Concen: 46.513 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026260.D
Acq: 04 Jan 2022 07:24

Tgt Ion:128 Resp: 588620
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.8 13.2

