

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026311.D
 Acq On : 05 Jan 2022 07:38
 Operator : JC/MD
 Sample : N1005-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WE128-SB

Quant Time: Jan 05 08:01:45 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)

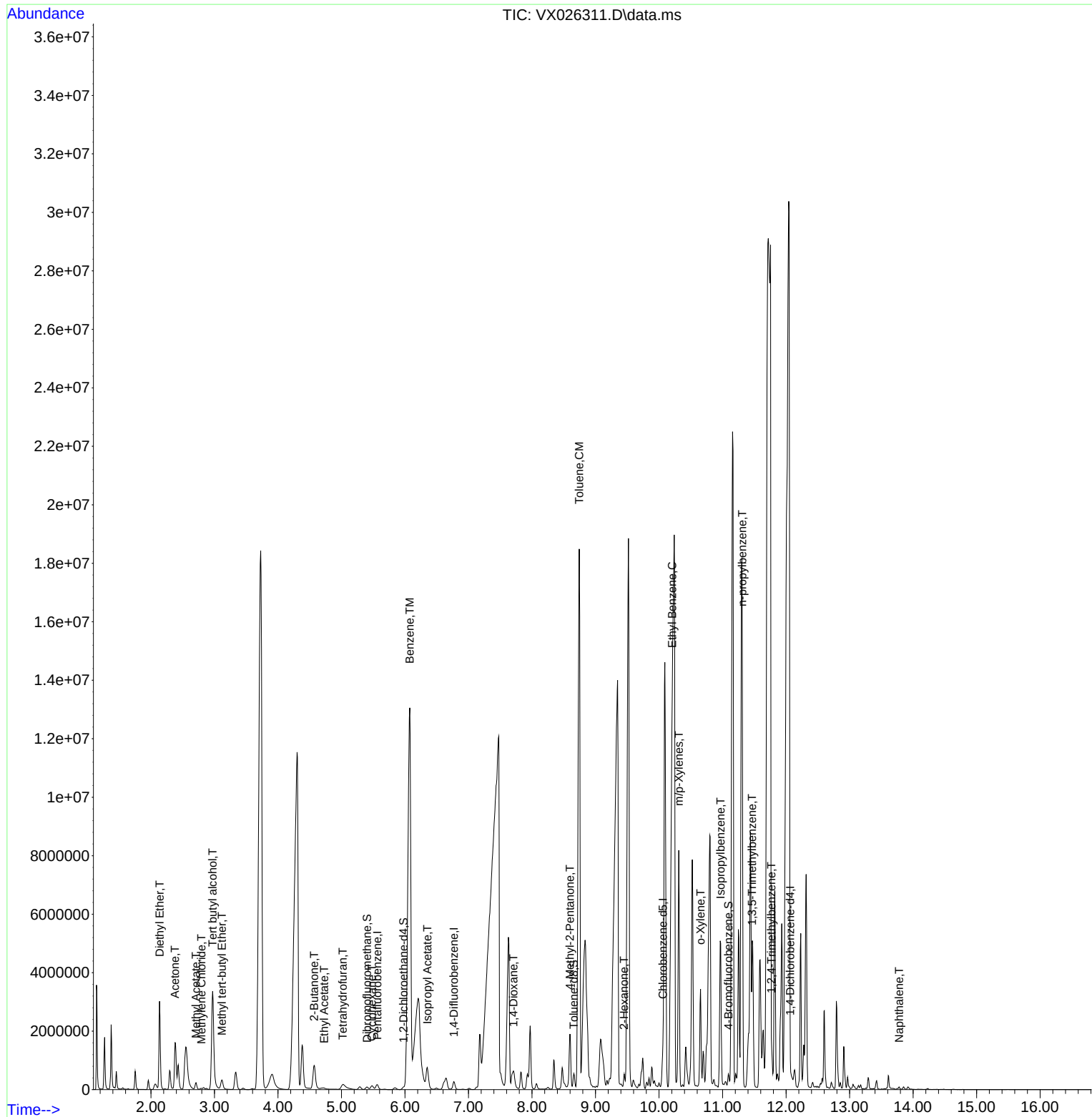
Internal Standards						
1) Pentafluorobenzene	5.562	168	162702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	229191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.067	152	85855	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.976	65	110061	46.758	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.520%		
35) Dibromofluoromethane	5.403	113	77158	44.491	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.980%		
50) Toluene-d8	8.659	98	312799	48.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.091	95	124843	54.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.740%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.136	74	1023036	825.839	ug/l	93
11) Tert butyl alcohol	2.971	59	1516594	3225.870	ug/l #	94
16) Acetone	2.380	43	2071252	1624.086	ug/l	98
18) Methyl Acetate	2.709	43	277297	67.033	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	314557	49.985	ug/l #	80
20) Methylene Chloride	2.794	84	9465	3.768	ug/l	95
25) 2-Butanone	4.568	43	1395096	785.290	ug/l	99
29) Tetrahydrofuran	5.019	42	69361	61.943	ug/l #	85
31) Cyclohexane	5.477	56	93552	27.909	ug/l	95
37) Ethyl Acetate	4.727	43	62261	19.197	ug/l	95
40) Benzene	6.074	78	16603155	2079.788	ug/l #	85
43) Isopropyl Acetate	6.354	43	376756	71.276	ug/l #	82
49) 1,4-Dioxane	7.708	88	394209	8438.215	ug/l	89
51) 4-Methyl-2-Pentanone	8.598	43	1211351	368.257	ug/l	99
52) Toluene	8.744	92	9196931	1871.353	ug/l	81
59) 2-Hexanone	9.451	43	267346	107.295	ug/l	96
67) Ethyl Benzene	10.207	91	632068	70.210	ug/l	98
68) m/p-Xylenes	10.311	106	1847512	549.633	ug/l	100
69) o-Xylene	10.652	106	687638	209.080	ug/l	97
73) Isopropylbenzene	10.970	105	78680	11.790	ug/l	98
78) n-propylbenzene	11.311	91	94767	12.351	ug/l	78
80) 1,3,5-Trimethylbenzene	11.463	105	335003	60.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.768	105	648639	117.216	ug/l	82
95) Naphthalene	13.780	128	46373	6.989	ug/l	98

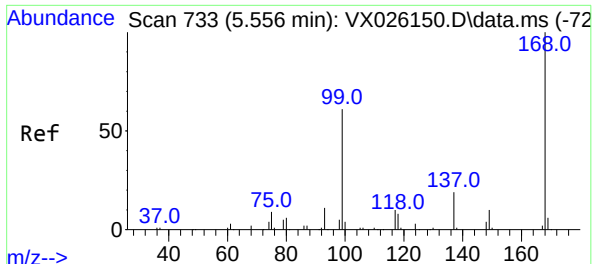
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

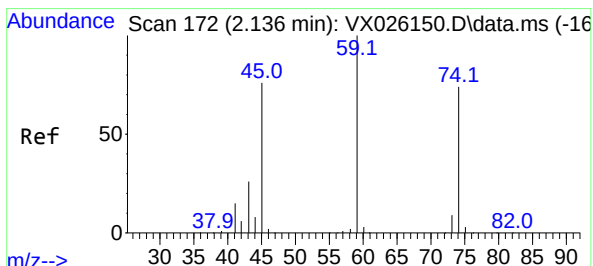
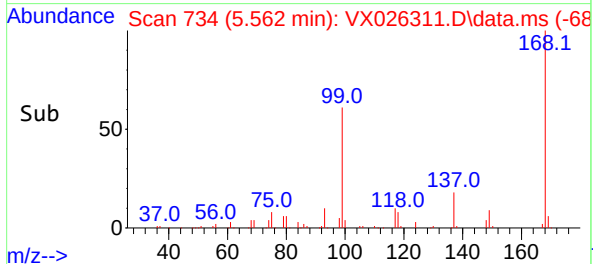
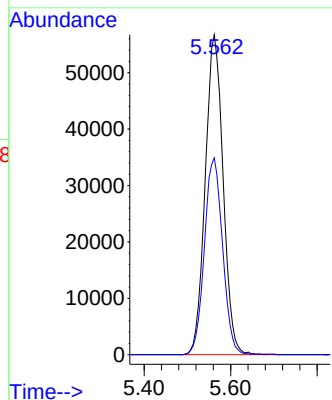
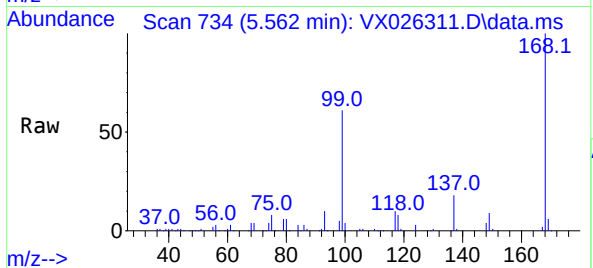




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

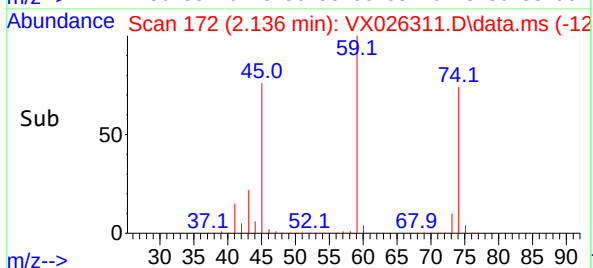
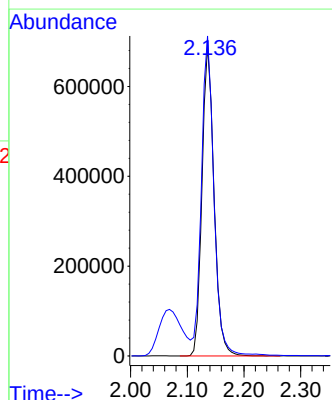
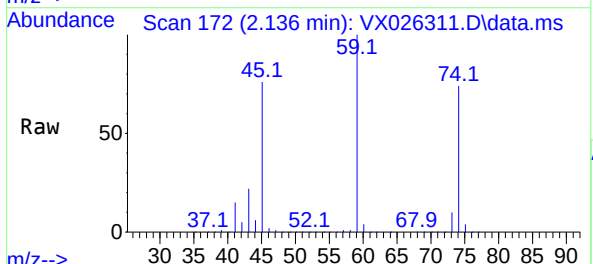
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

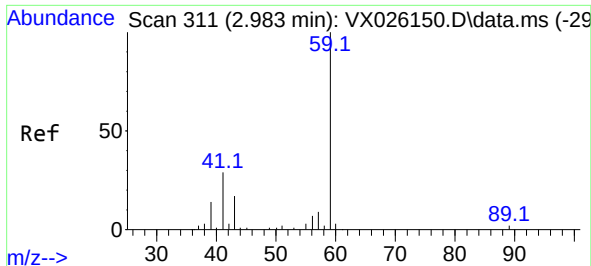
Tgt Ion:168 Resp: 162702
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.8



#8
Diethyl Ether
Concen: 825.839 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 74 Resp: 1023036
Ion Ratio Lower Upper
74 100
45 107.4 50.4 151.2





#11

Tert butyl alcohol

Concen: 3225.870 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

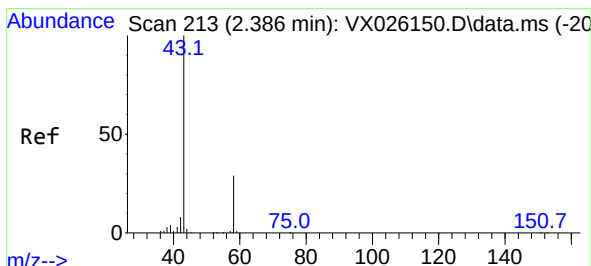
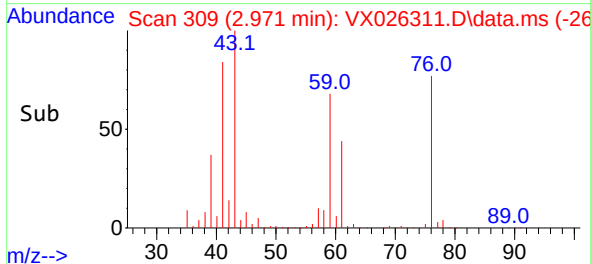
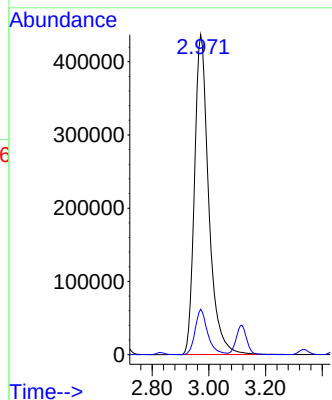
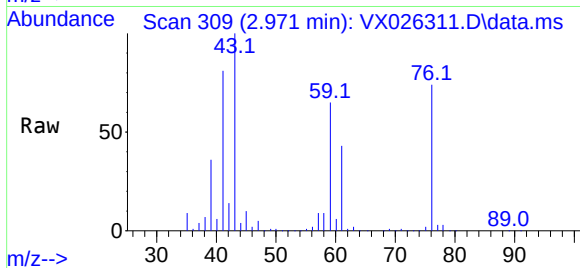
WE128-SB

Tgt Ion: 59 Resp: 1516594

Ion Ratio Lower Upper

59 100

57 12.5 8.2 12.2#



#16

Acetone

Concen: 1624.086 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026311.D

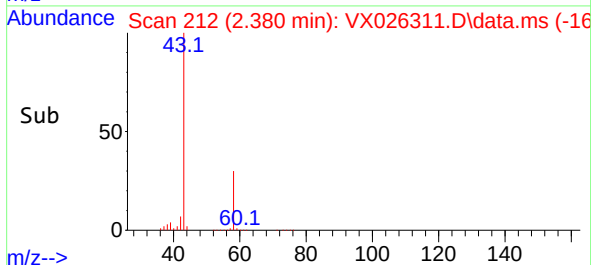
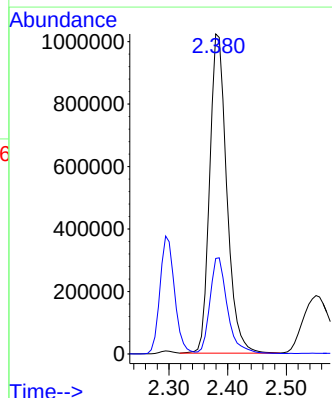
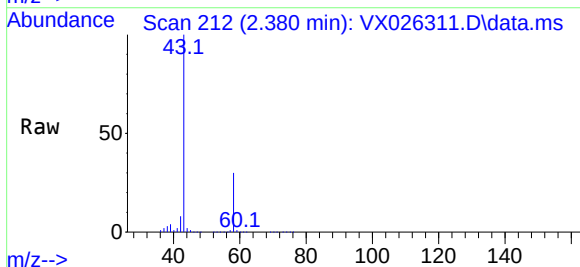
Acq: 05 Jan 2022 07:38

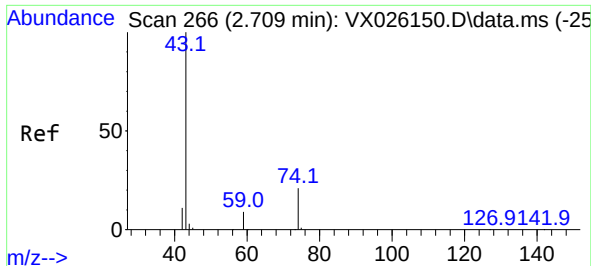
Tgt Ion: 43 Resp: 2071252

Ion Ratio Lower Upper

43 100

58 29.8 24.8 37.2

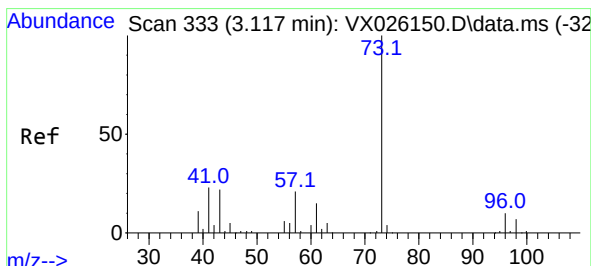
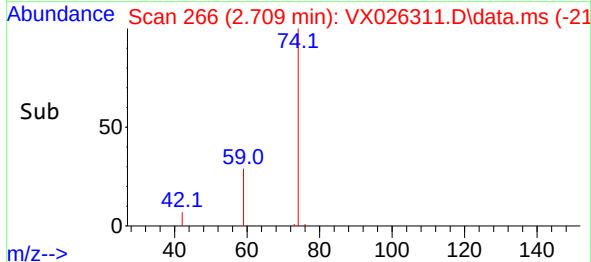
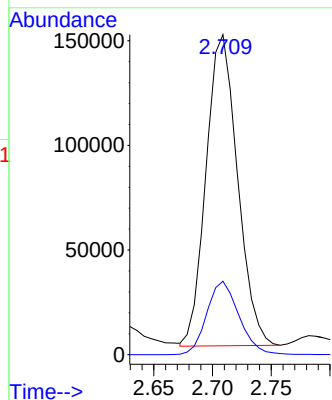
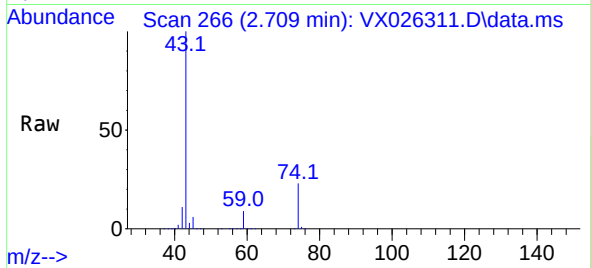




#18
Methyl Acetate
Concen: 67.033 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

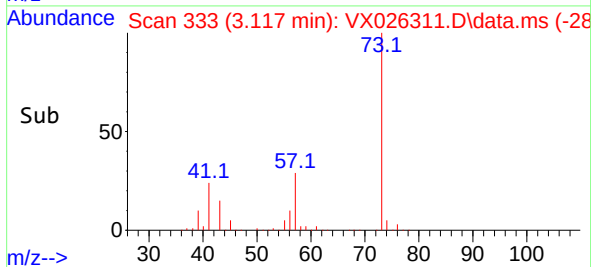
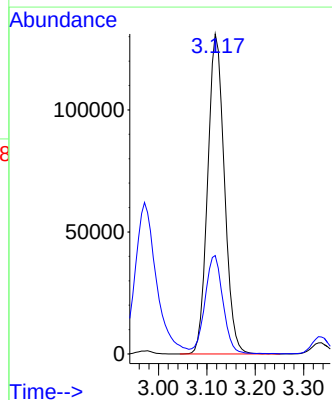
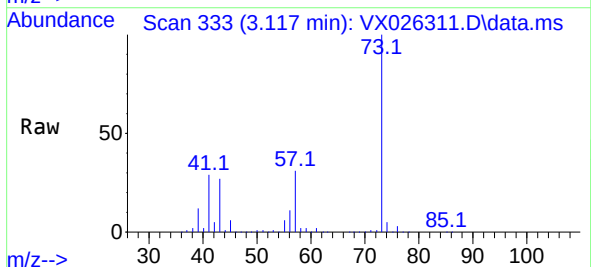
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

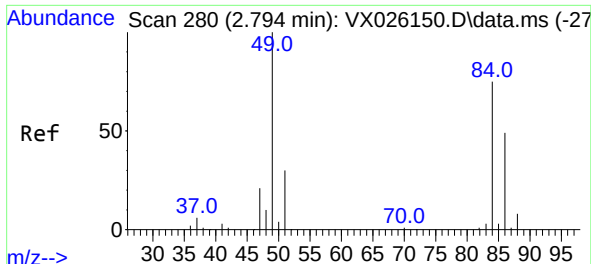
Tgt Ion: 43 Resp: 277297
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 49.985 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 73 Resp: 314557
Ion Ratio Lower Upper
73 100
57 30.7 17.0 25.6#



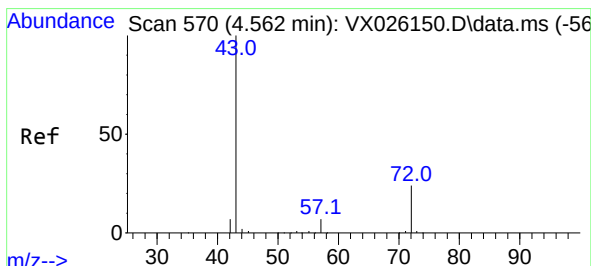
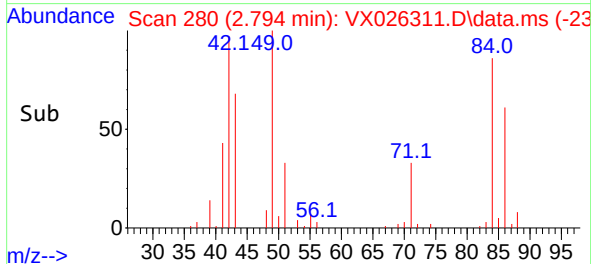
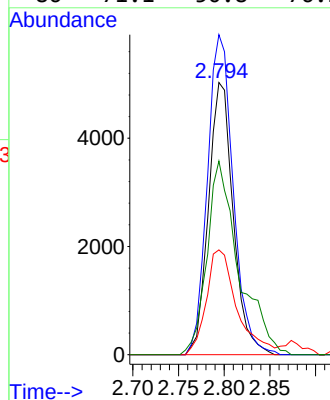
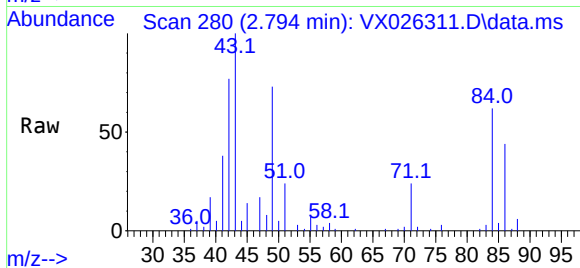


#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

Tgt Ion: 84 Resp: 9465

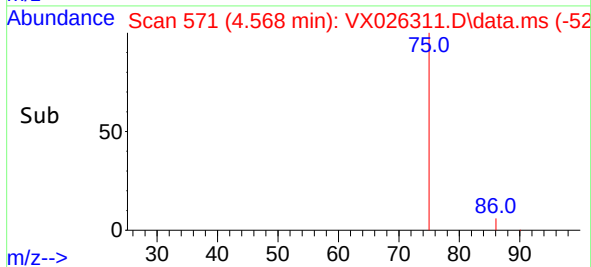
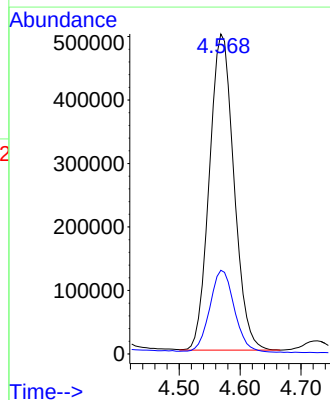
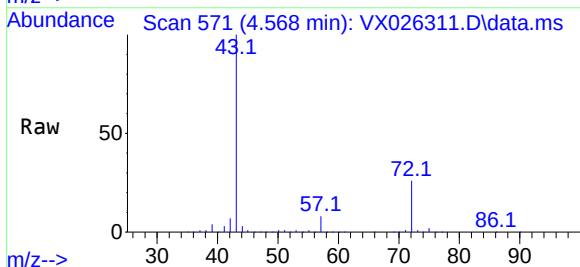
Ion	Ratio	Lower	Upper
84	100		
49	117.6	97.1	145.7
51	38.5	29.3	43.9
86	71.1	50.8	76.2

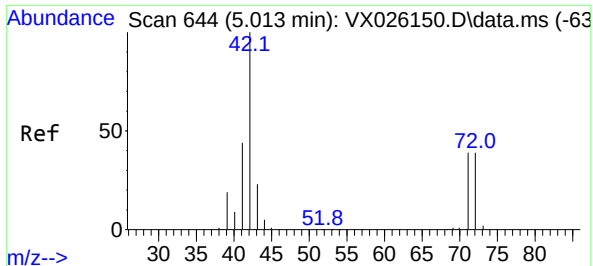


#25
2-Butanone
Concen: 785.290 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 43 Resp: 1395096

Ion	Ratio	Lower	Upper
43	100		
72	25.9	21.0	31.4





#29

Tetrahydrofuran

Concen: 61.943 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

WE128-SB

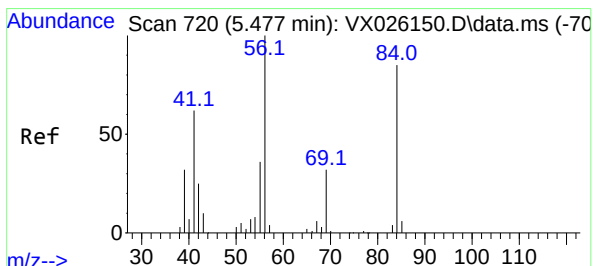
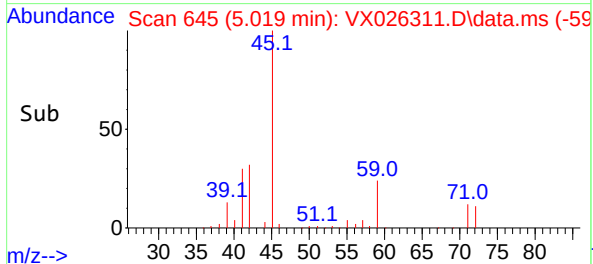
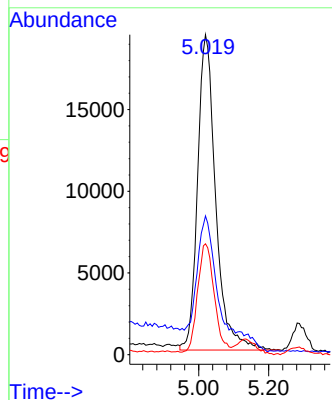
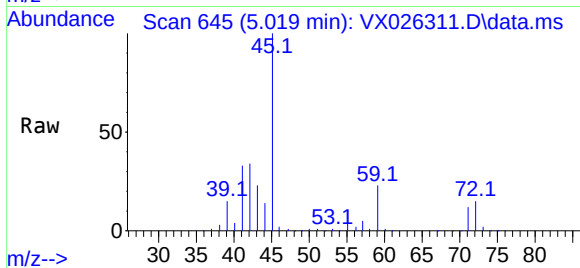
Tgt Ion: 42 Resp: 69361

Ion Ratio Lower Upper

42 100

72 54.7 37.0 55.6

71 31.3 34.1 51.1#



#31

Cyclohexane

Concen: 27.909 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

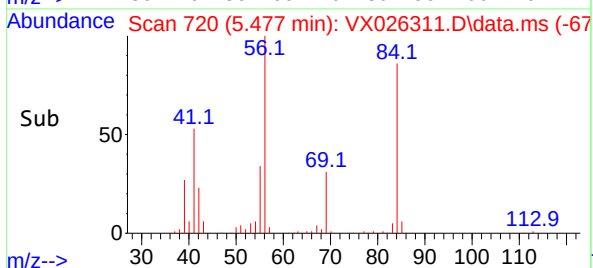
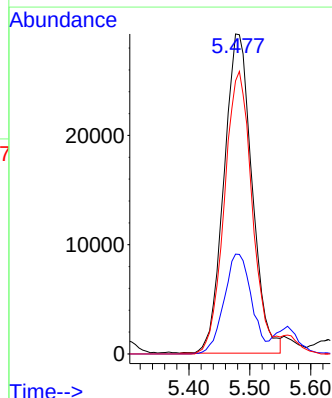
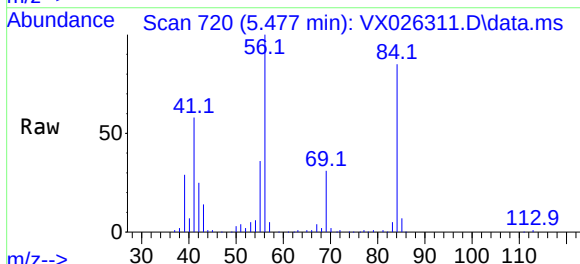
Tgt Ion: 56 Resp: 93552

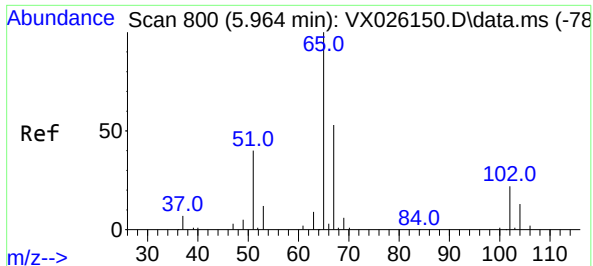
Ion Ratio Lower Upper

56 100

69 31.3 23.9 35.9

84 85.6 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 46.758 ug/l

RT: 5.976 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

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MSVOA_X

ClientSampleId :

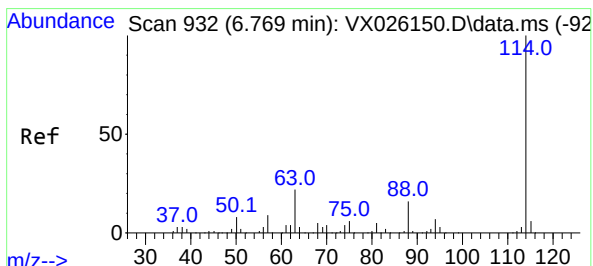
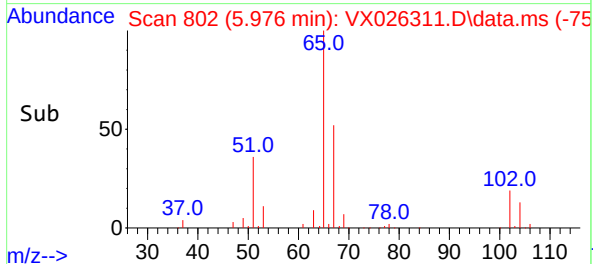
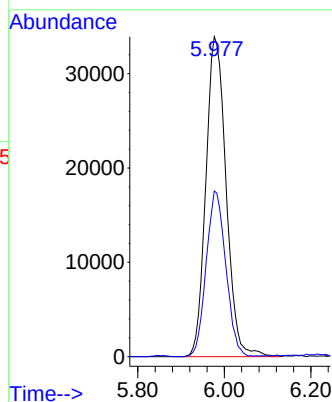
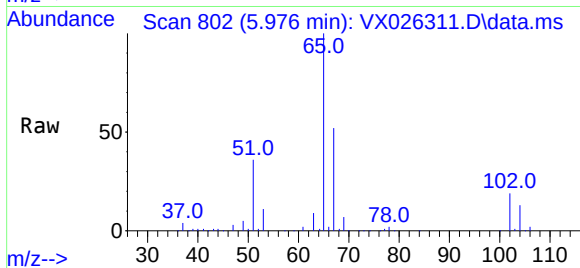
WE128-SB

Tgt Ion: 65 Resp: 110061

Ion Ratio Lower Upper

65 100

67 50.2 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: VX026311.D

Acq: 05 Jan 2022 07:38

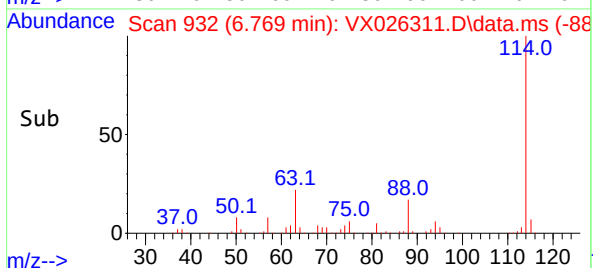
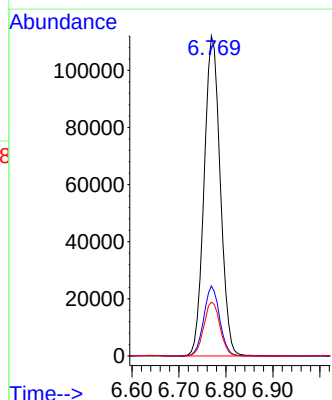
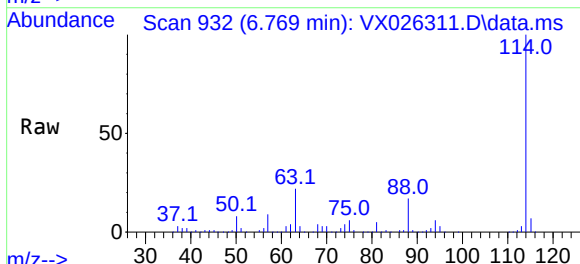
Tgt Ion: 114 Resp: 266752

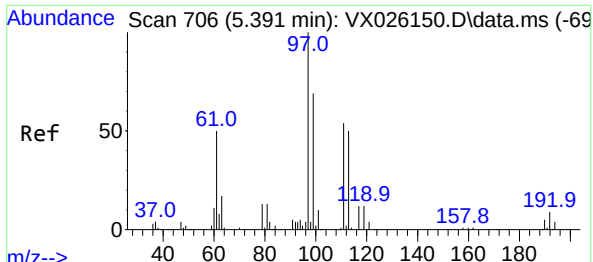
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.491 ug/l

RT: 5.403 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX026311.D

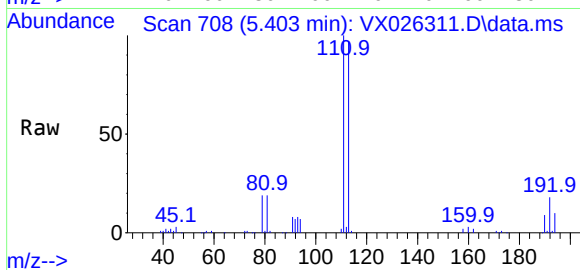
Acq: 05 Jan 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

WE128-SB



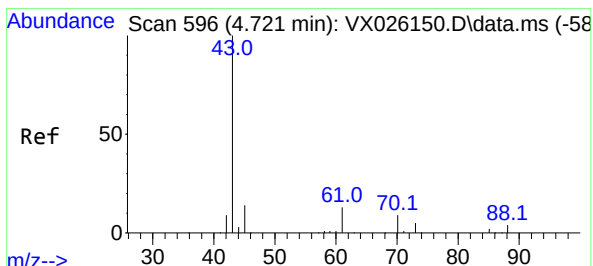
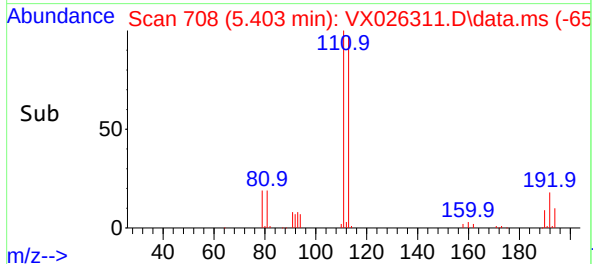
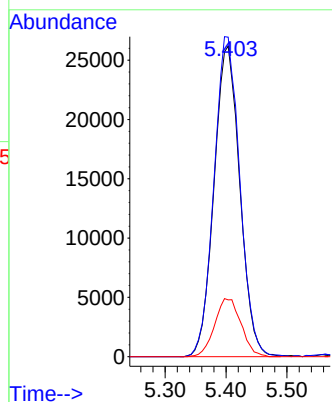
Tgt Ion:113 Resp: 77158

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 19.1 15.0 22.4



#37

Ethyl Acetate

Concen: 19.197 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

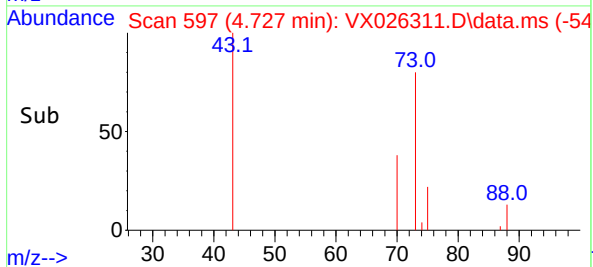
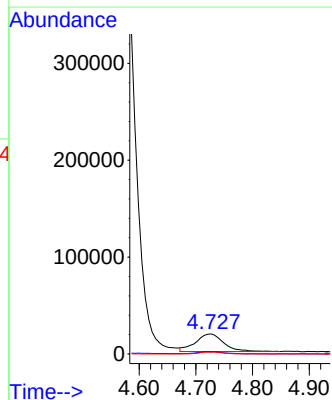
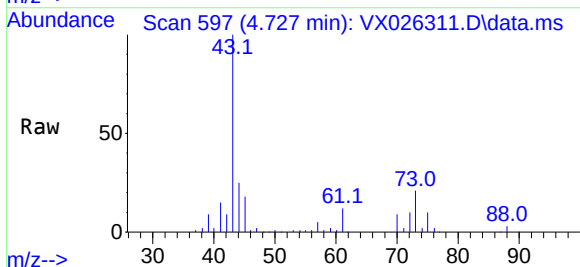
Tgt Ion: 43 Resp: 62261

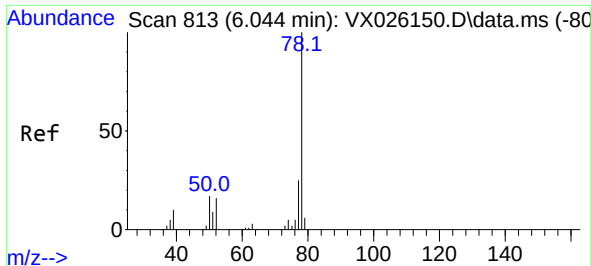
Ion Ratio Lower Upper

43 100

61 11.0 10.7 16.1

70 9.3 8.5 12.7

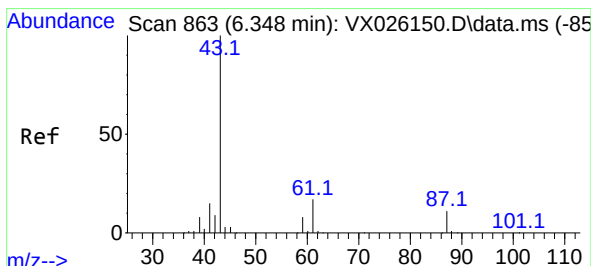
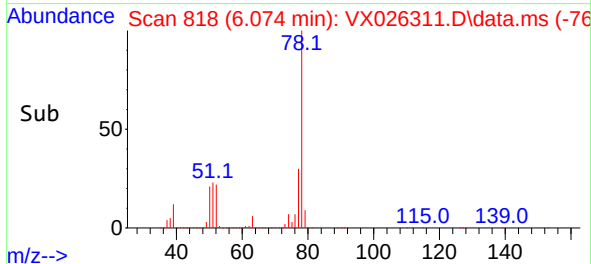
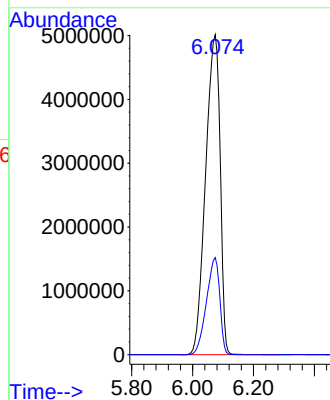
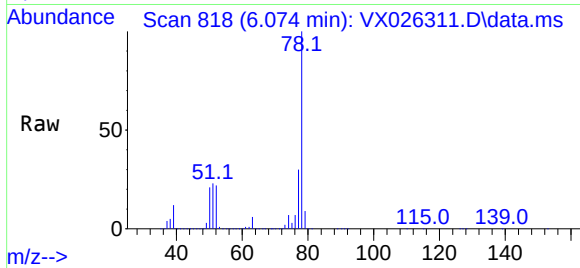




#40
Benzene
Concen: 2079.788 ug/l
RT: 6.074 min Scan# 813
Delta R.T. 0.030 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

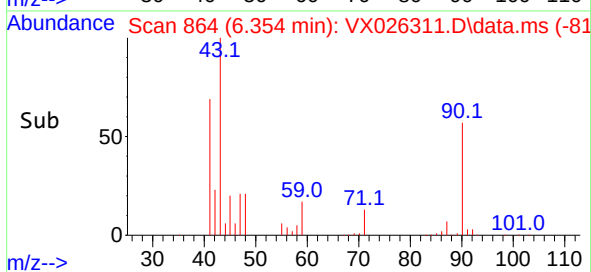
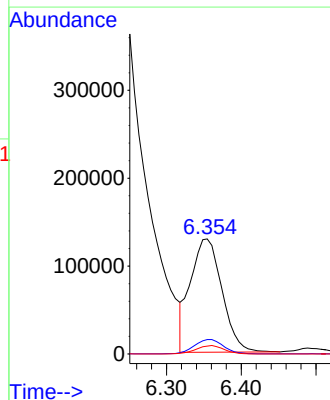
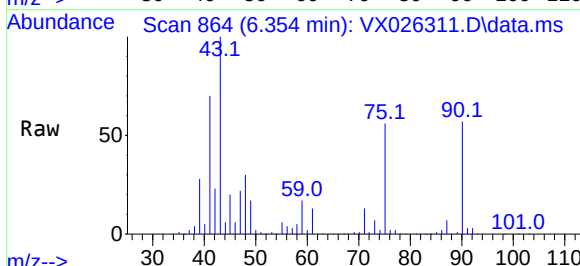
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

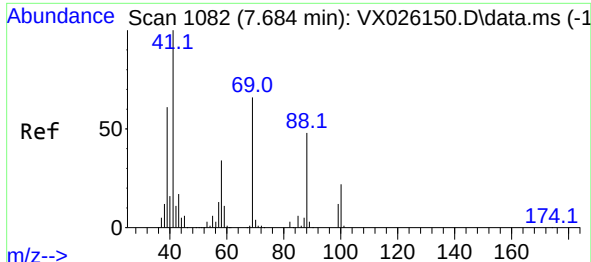
Tgt Ion: 78 Resp:16603155
Ion Ratio Lower Upper
78 100
77 30.3 18.6 27.8#



#43
Isopropyl Acetate
Concen: 71.276 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 43 Resp: 376756
Ion Ratio Lower Upper
43 100
61 11.8 15.7 23.5#
87 6.6 11.2 16.8#





#49

1,4-Dioxane

Concen: 8438.215 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

WE128-SB

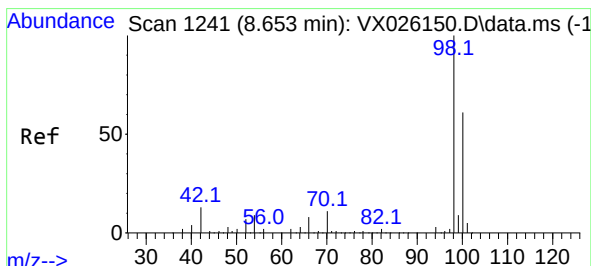
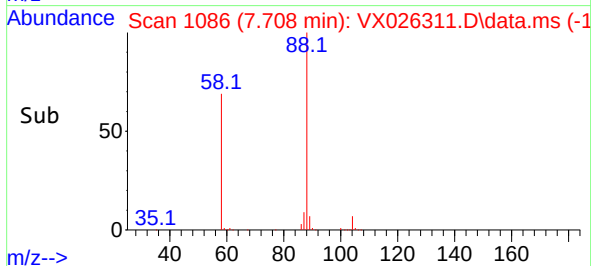
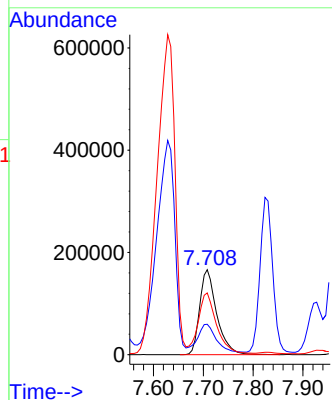
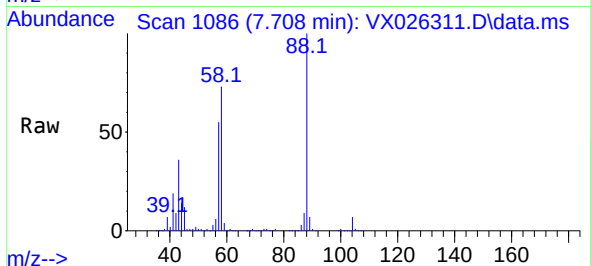
Tgt Ion: 88 Resp: 394209

Ion Ratio Lower Upper

88 100

43 34.7 25.3 37.9

58 74.9 51.8 77.6



#50

Toluene-d8

Concen: 48.491 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VX026311.D

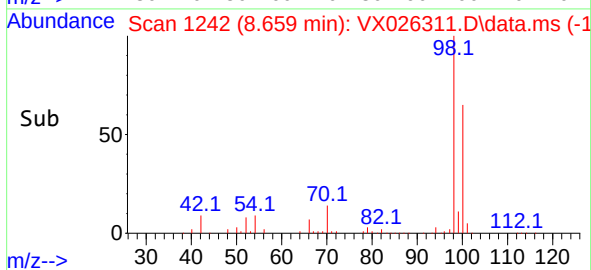
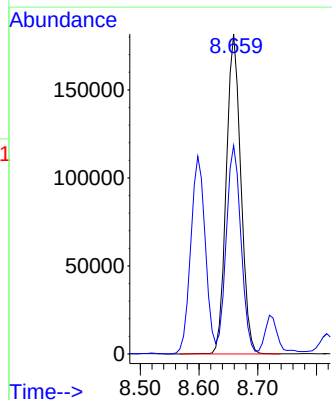
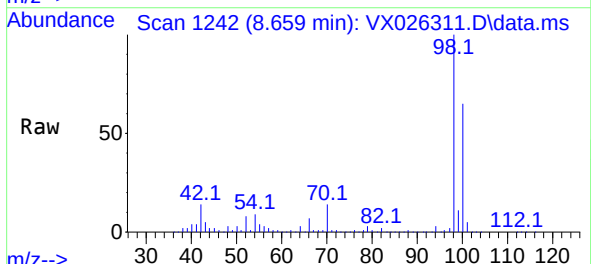
Acq: 05 Jan 2022 07:38

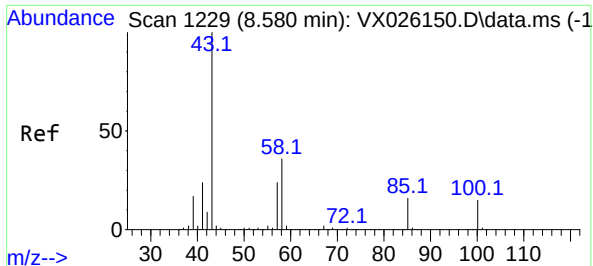
Tgt Ion: 98 Resp: 312799

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

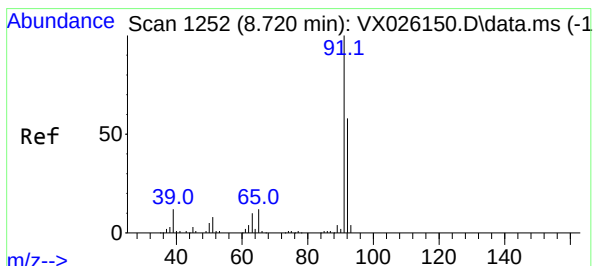
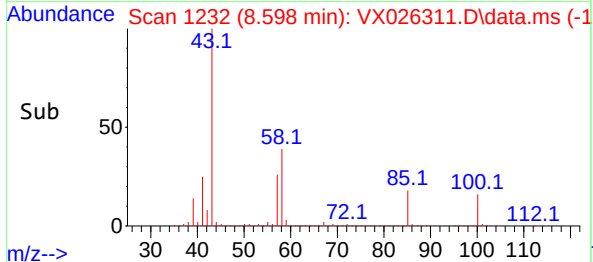
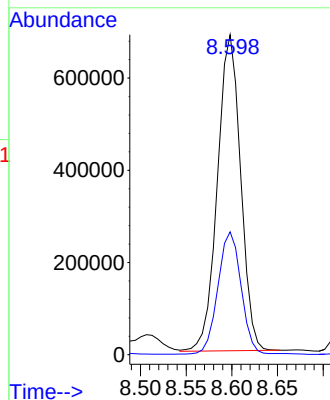
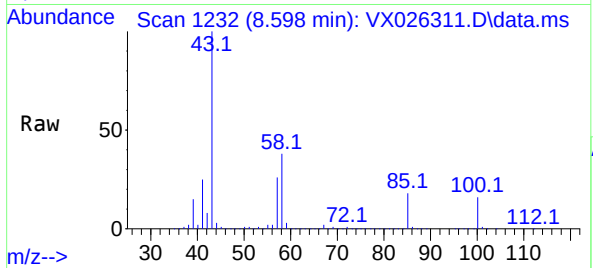




#51
4-Methyl-2-Pentanone
Concen: 368.257 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

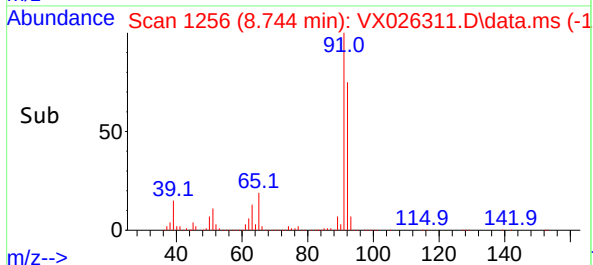
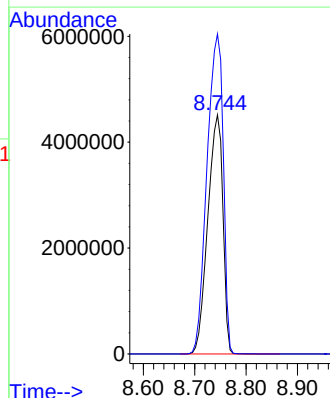
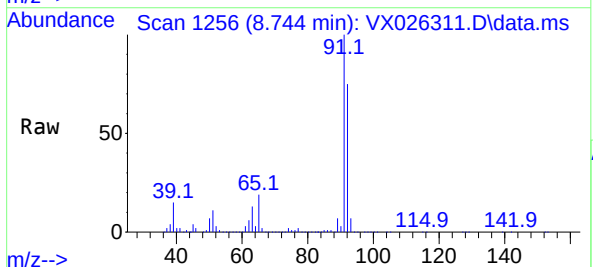
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

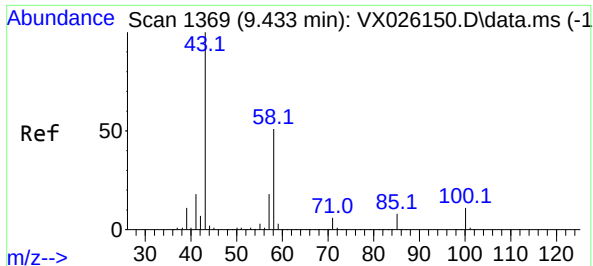
Tgt Ion: 43 Resp: 1211351
Ion Ratio Lower Upper
43 100
58 39.1 30.8 46.2



#52
Toluene
Concen: 1871.353 ug/l
RT: 8.744 min Scan# 1256
Delta R.T. 0.024 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 92 Resp: 9196931
Ion Ratio Lower Upper
92 100
91 144.2 136.0 204.0





#59

2-Hexanone

Concen: 107.295 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

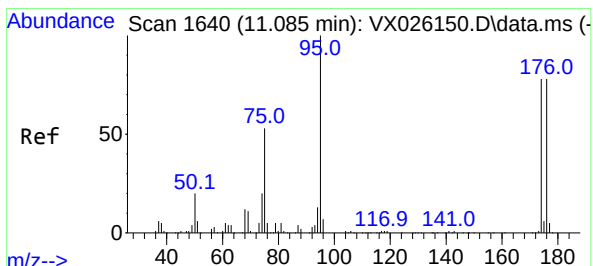
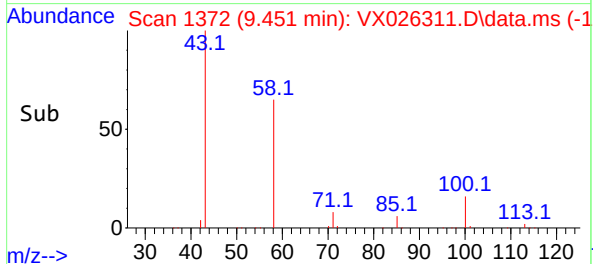
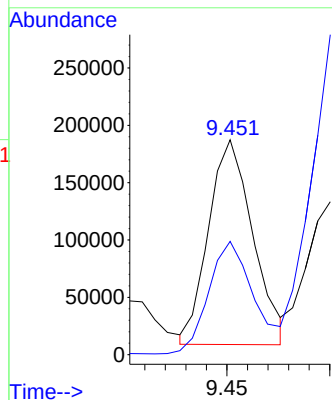
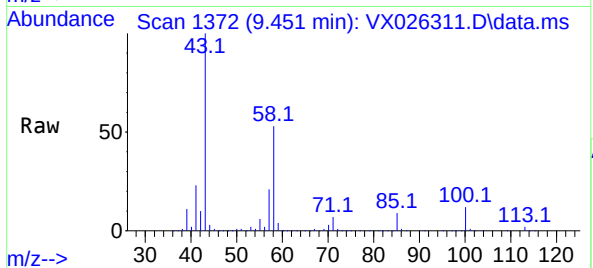
WE128-SB

Tgt Ion: 43 Resp: 267346

Ion Ratio Lower Upper

43 100

58 56.4 26.9 80.6



#62

4-Bromofluorobenzene

Concen: 54.365 ug/l

RT: 11.091 min Scan# 1641

Delta R.T. 0.006 min

Lab File: VX026311.D

Acq: 05 Jan 2022 07:38

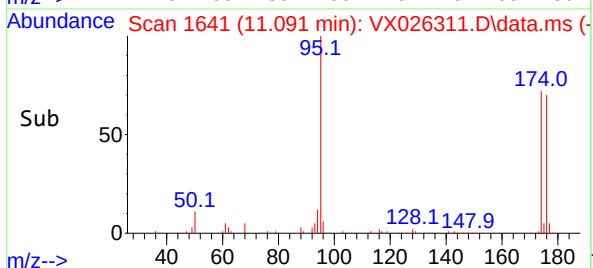
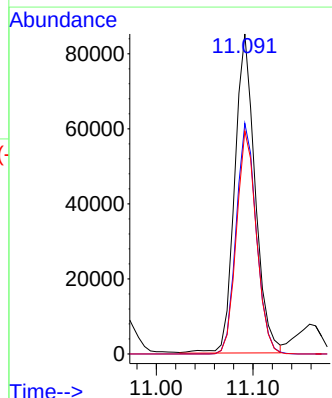
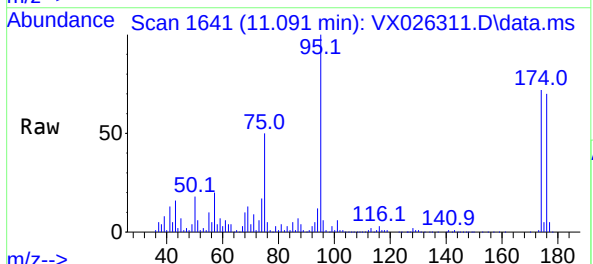
Tgt Ion: 95 Resp: 124843

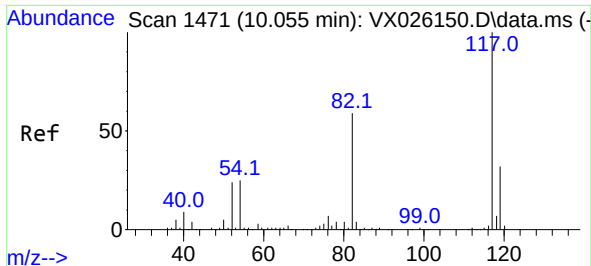
Ion Ratio Lower Upper

95 100

174 70.9 0.0 157.4

176 68.1 0.0 154.6

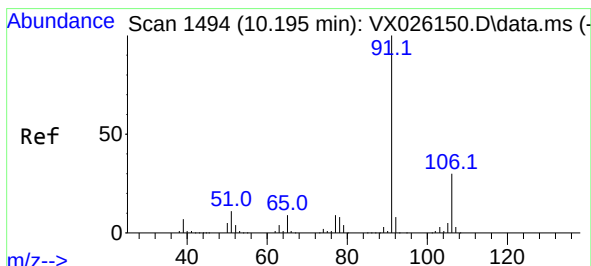
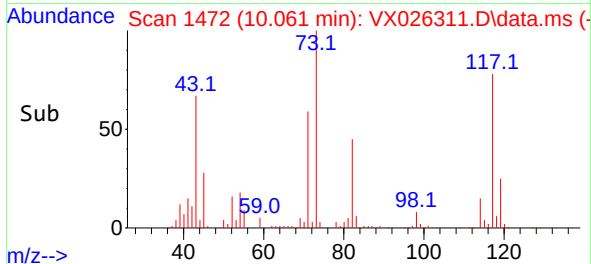
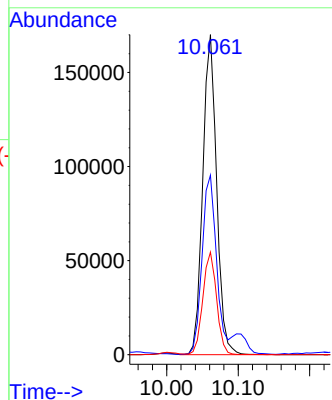
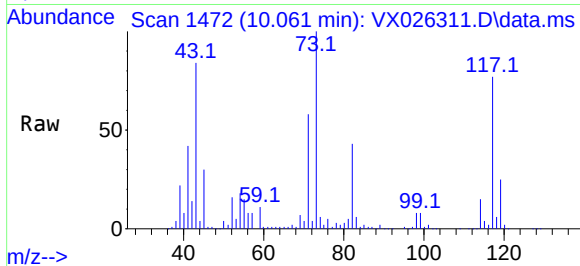




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

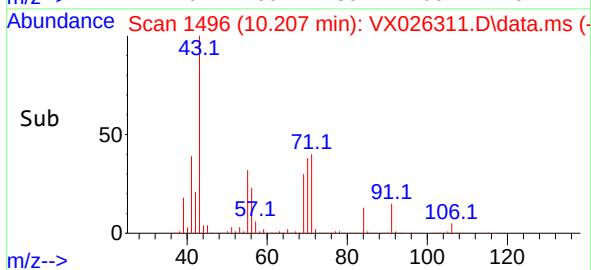
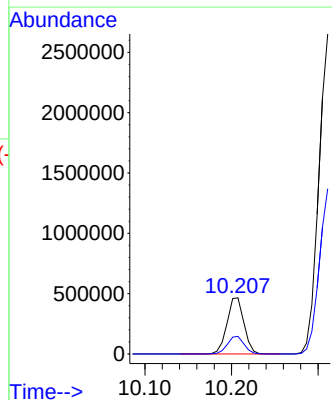
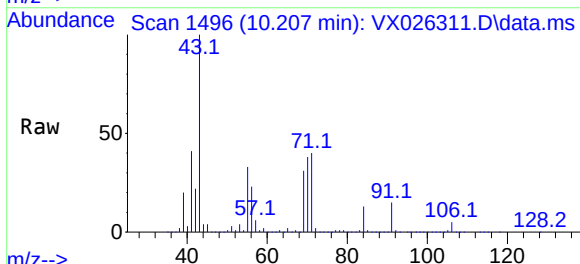
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

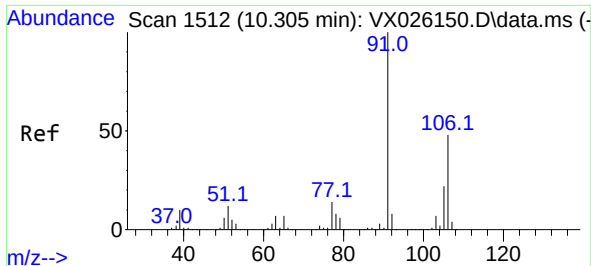
Tgt Ion:117 Resp: 229191
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.6
119 32.0 25.2 37.8



#67
Ethyl Benzene
Concen: 70.210 ug/l
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 91 Resp: 632068
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

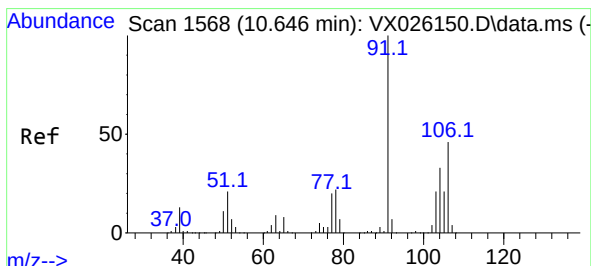
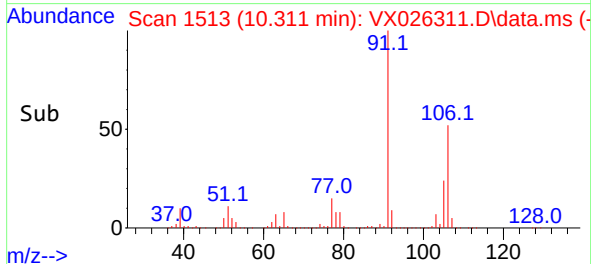
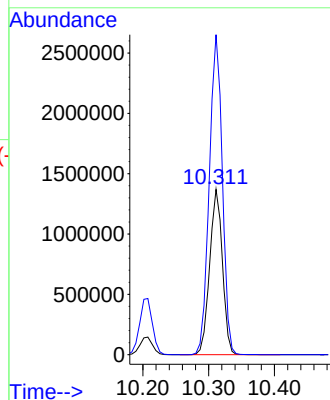
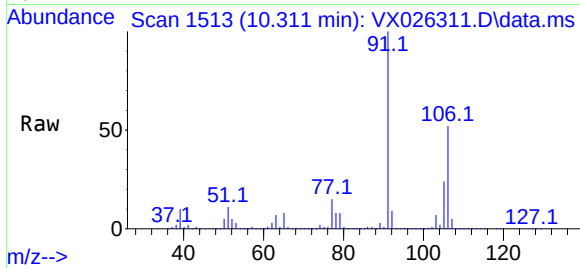




#68
m/p-Xylenes
Concen: 549.633 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

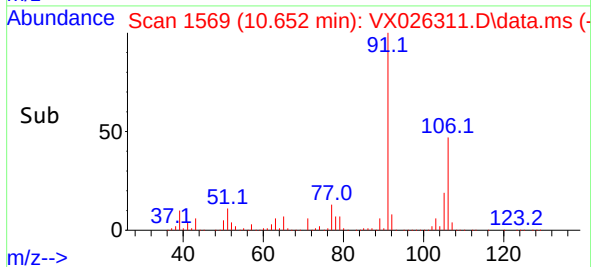
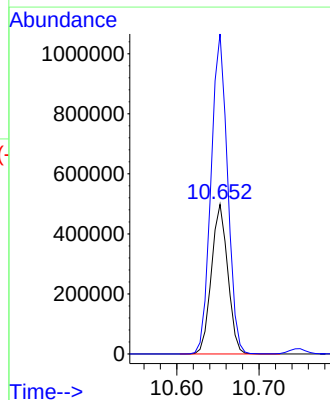
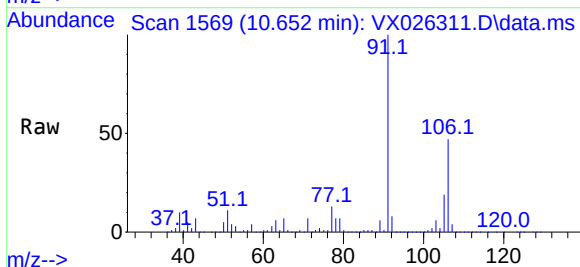
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

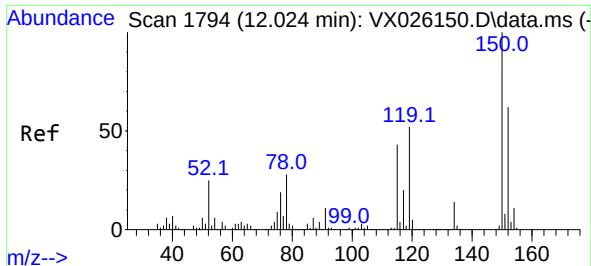
Tgt Ion:106 Resp: 1847512
Ion Ratio Lower Upper
106 100
91 198.0 158.6 238.0



#69
o-Xylene
Concen: 209.080 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion:106 Resp: 687638
Ion Ratio Lower Upper
106 100
91 216.3 105.5 316.4

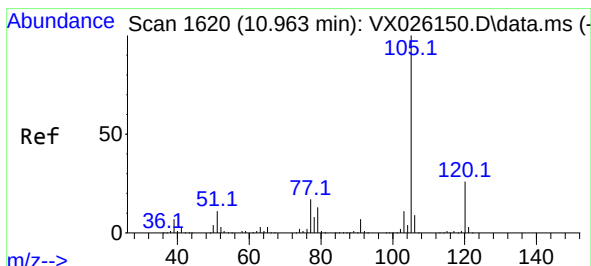
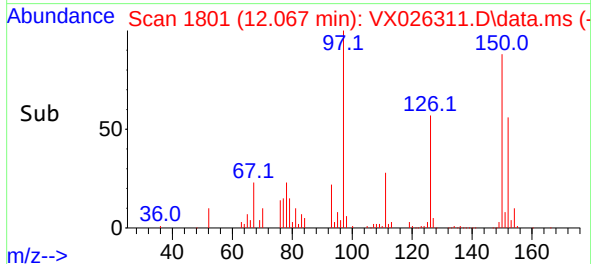
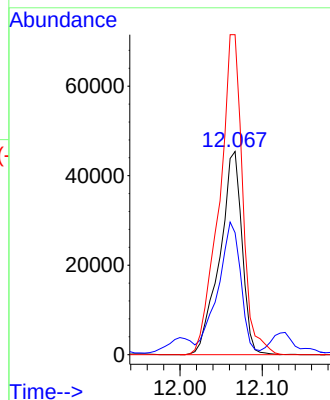
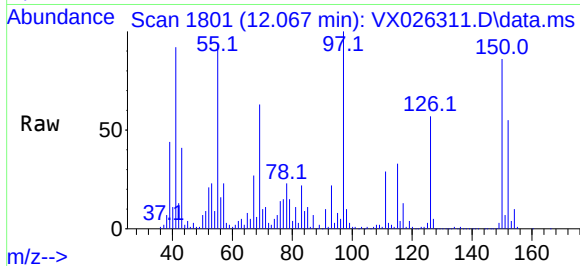




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.067 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

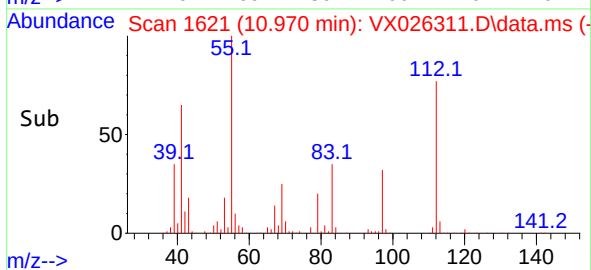
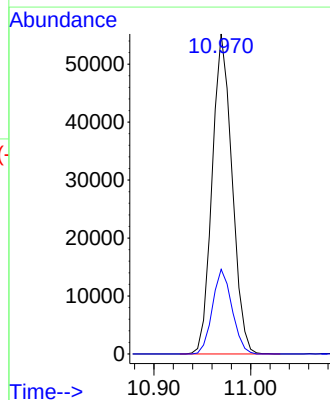
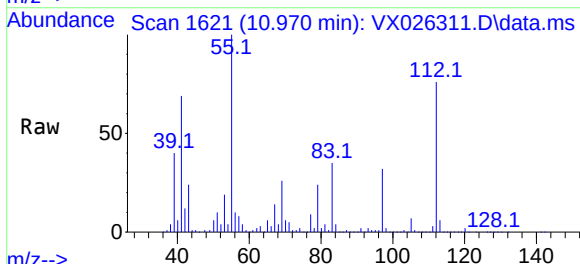
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

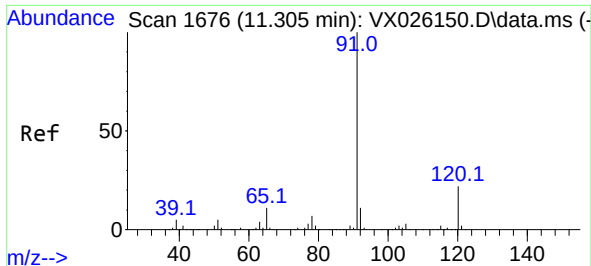
Tgt Ion:152 Resp: 85855
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 164.3 0.0 351.8



#73
Isopropylbenzene
Concen: 11.790 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion:105 Resp: 78680
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7

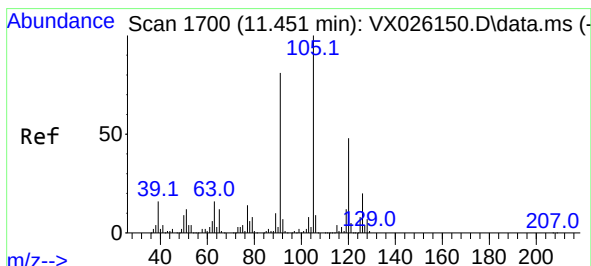
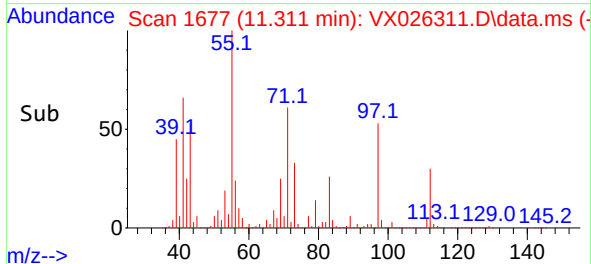
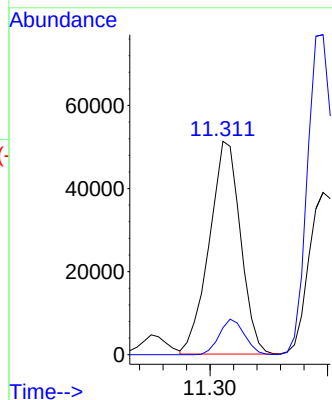
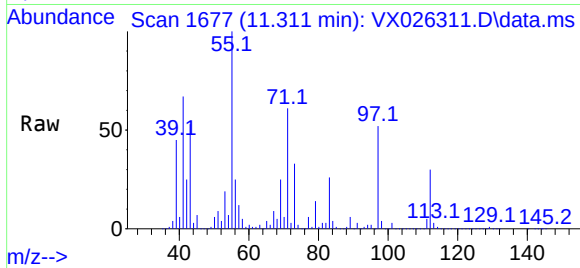




#78
n-propylbenzene
Concen: 12.351 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

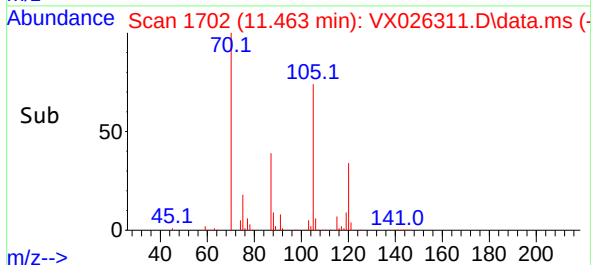
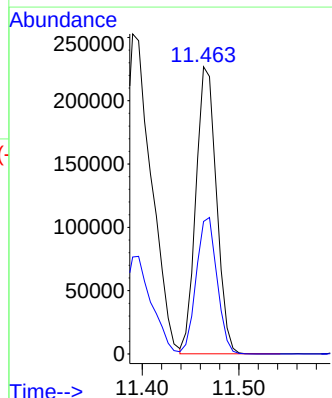
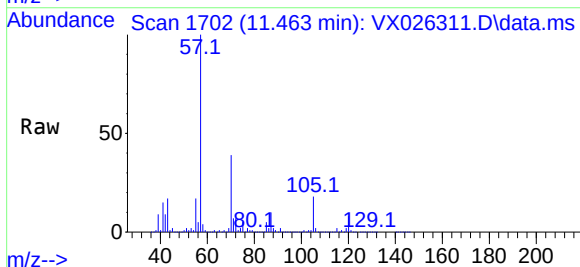
Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

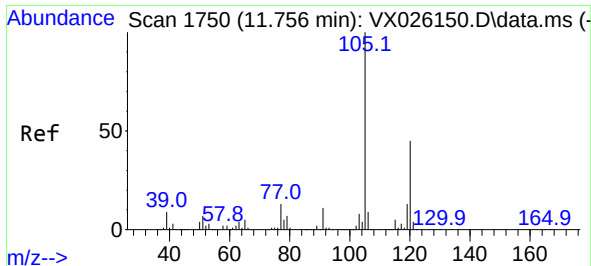
Tgt Ion: 91 Resp: 94767
Ion Ratio Lower Upper
91 100
120 13.5 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 60.490 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion: 105 Resp: 335003
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7

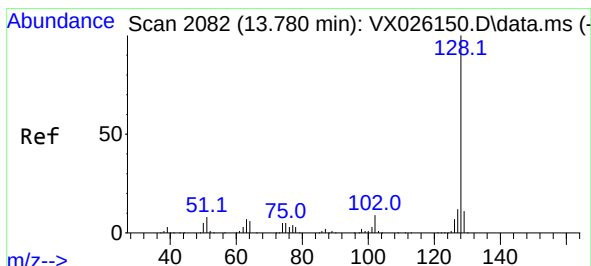
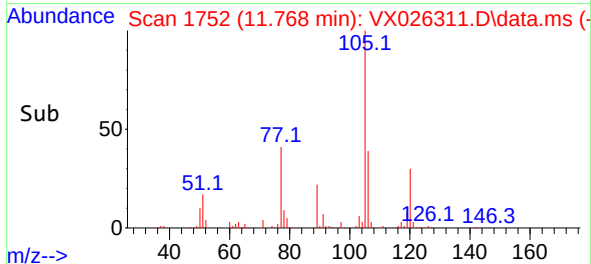
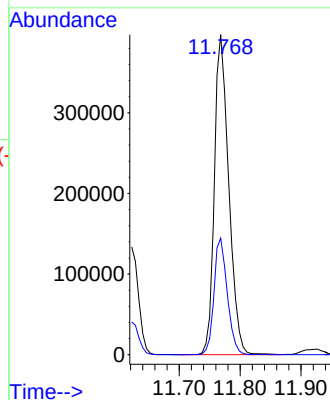
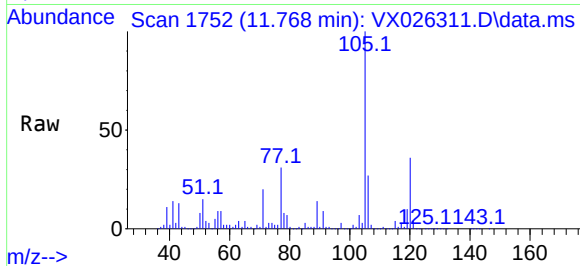




#84
1,2,4-Trimethylbenzene
Concen: 117.216 ug/l
RT: 11.768 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
WE128-SB

Tgt Ion:105 Resp: 648639
Ion Ratio Lower Upper
105 100
120 33.7 22.9 68.7



#95
Naphthalene
Concen: 6.989 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026311.D
Acq: 05 Jan 2022 07:38

Tgt Ion:128 Resp: 46373
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.7 8.8 13.2

