

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072534.D
 Acq On : 05 Apr 2022 14:48
 Operator : VA/SY
 Sample : N2247-04
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-GR-10

Quant Time: Apr 06 01:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	370558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	711217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	383341	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.537	152	223827	50.000	ug/l	#-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245029	54.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.914	113	244575	44.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.332	98	1437409	74.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 149.640%#	
62) 4-Bromofluorobenzene	12.620	95	632290	84.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 168.540%#	

Target Compounds				Qvalue		
4) Vinyl Chloride	2.350	62	273	1.036	ug/l #	43
10) Methyl Iodide	4.297	142	819	3.922	ug/l #	57
11) Tert butyl alcohol	5.197	59	1910	8.068	ug/l #	74
13) Acrolein	4.138	56	330709	3148.137	ug/l #	75
14) Allyl chloride	4.950	41	2512217	421.285	ug/l #	60
15) Acrylonitrile	5.497	53	85410	90.031	ug/l #	41
16) Acetone	4.150	43	1308433	1565.372	ug/l #	80
17) Carbon Disulfide	4.409	76	17431	5.869	ug/l #	92
18) Methyl Acetate	4.950	43	6071880	2578.499	ug/l #	55
20) Methylene Chloride	4.967	84	23831	4.789	ug/l #	1
23) Vinyl Acetate	6.255	43	304	6.330	ug/l #	75
25) 2-Butanone	7.208	43	859566	743.558	ug/l #	66
29) Tetrahydrofuran	7.732	42	89454	128.169	ug/l #	1
30) Chloroform	7.667	83	23420	2.584	ug/l #	24
31) Cyclohexane	7.985	56	743107	126.781	ug/l	87
36) 1,1-Dichloropropene	8.073	75	1640	1.351	ug/l #	1
37) Ethyl Acetate	7.208	43	859566	293.500	ug/l #	74
38) Carbon Tetrachloride	7.979	117	40532	5.323	ug/l #	16
39) Methylcyclohexane	9.320	83	3531713	407.518	ug/l #	39
40) Benzene	8.344	78	20497	1.062	ug/l	96
41) Methacrylonitrile	7.732	41	568672	322.892	ug/l #	59
42) 1,2-Dichloroethane	8.455	62	17819	3.020	ug/l #	1
43) Isopropyl Acetate	8.449	43	3734389	664.747	ug/l #	54
45) 1,2-Dichloropropane	9.408	63	12775	2.379	ug/l #	1
46) Dibromomethane	9.426	93	3222	1.144	ug/l #	1
47) Bromodichloromethane	9.626	83	492443	60.845	ug/l #	45
48) Methyl methacrylate	9.491	41	157675	57.812	ug/l #	19
49) 1,4-Dioxane	9.402	88	72	2.149	ug/l #	1
51) 4-Methyl-2-Pentanone	10.261	43	139313	46.217	ug/l #	84
52) Toluene	10.396	92	64882	5.060	ug/l	80
55) 1,1,2-Trichloroethane	10.773	97	4604418	1078.078	ug/l #	21
56) Ethyl methacrylate	10.673	69	2221722	414.185	ug/l #	37
58) 2-Chloroethyl Vinyl ether	9.914	63	12623	5.987	ug/l #	48
59) 2-Hexanone	10.949	43	4360199	2127.109	ug/l #	32
60) Dibromochloromethane	11.049	129	17155	3.114	ug/l	62
61) 1,2-Dibromoethane	11.243	107	8520	2.247	ug/l #	3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072534.D
 Acq On : 05 Apr 2022 14:48
 Operator : VA/SY
 Sample : N2247-04
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

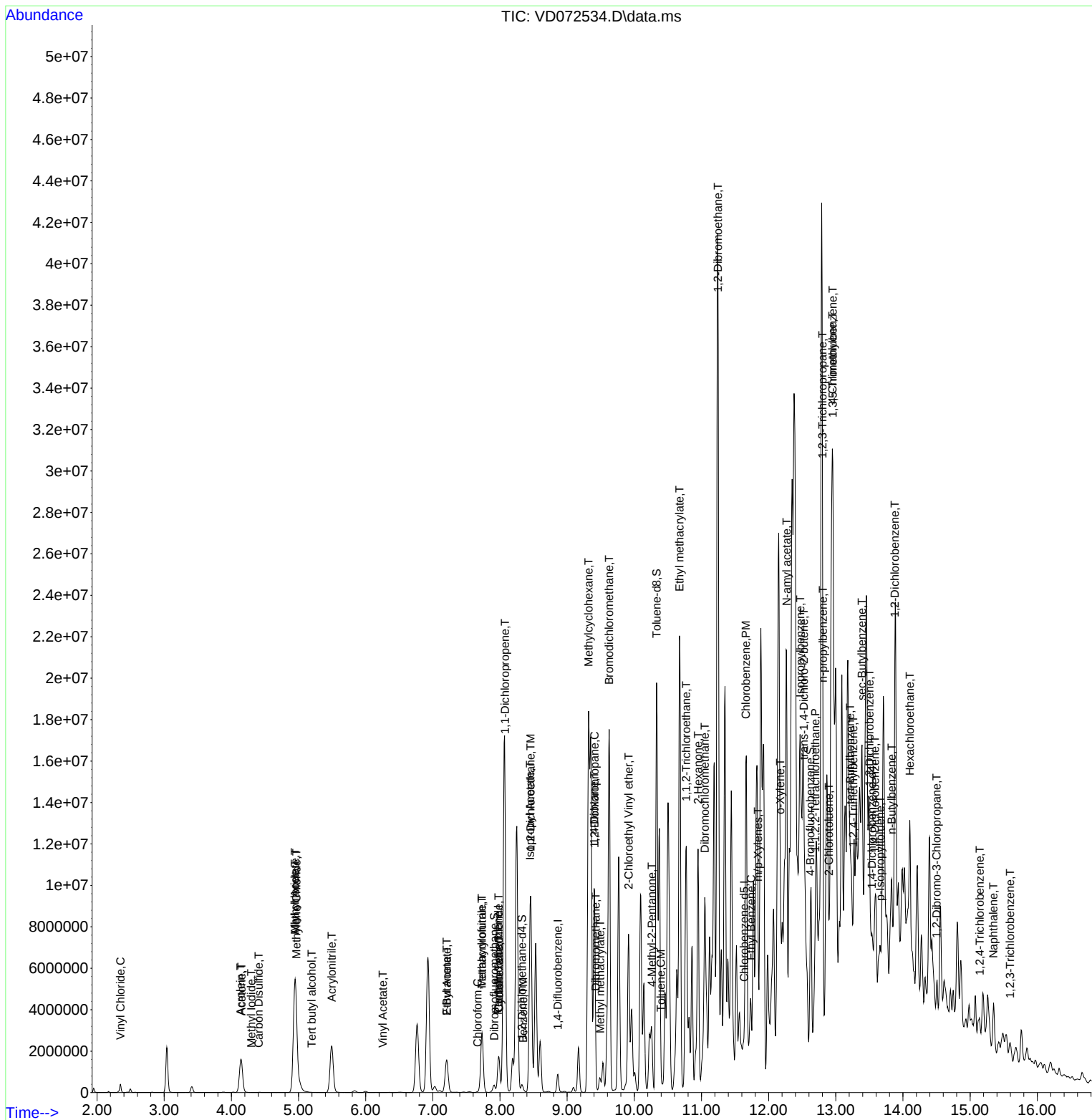
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-GR-10

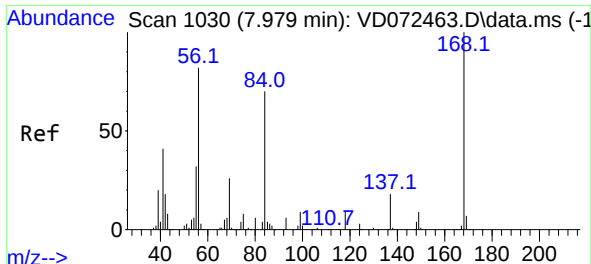
Quant Time: Apr 06 01:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.661	112	7641151	891.559	ug/l	97
67) Ethyl Benzene	11.738	91	80370	5.374	ug/l	95
68) m/p-Xylenes	11.843	106	20359	3.588	ug/l #	1
69) o-Xylene	12.173	106	147203	26.891	ug/l	58
73) Isopropylbenzene	12.473	105	3984790	220.441	ug/l	99
74) N-amyl acetate	12.267	43	4185918	1103.646	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.696	83	659800	192.704	ug/l #	75
76) 1,2,3-Trichloropropane	12.802	75	12501	5.121	ug/l #	100
78) n-propylbenzene	12.808	91	1169358	53.623	ug/l	93
79) 2-Chlorotoluene	12.896	91	134401	10.539	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.955	105	241047	15.570	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	2652	2.666	ug/l #	1
82) 4-Chlorotoluene	12.949	91	248000	18.672	ug/l #	3
83) tert-Butylbenzene	13.214	119	211296	15.765	ug/l	72
84) 1,2,4-Trimethylbenzene	13.261	105	339089	22.399	ug/l	94
85) sec-Butylbenzene	13.390	105	3590453	177.850	ug/l #	76
86) p-Isopropyltoluene	13.661	119	680456	41.236	ug/l	91
87) 1,3-Dichlorobenzene	13.502	146	488156	58.145	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	770062	91.006	ug/l #	53
89) n-Butylbenzene	13.832	91	1636088	104.080	ug/l #	84
90) Hexachloroethane	14.102	117	275690	81.612	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	192839	26.042	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.502	75	5473	10.808	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.143	180	14509	3.161	ug/l #	1
95) Naphthalene	15.349	128	37591	4.215	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	11317	2.825	ug/l #	32

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

Quant Time: Apr 06 01:12:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

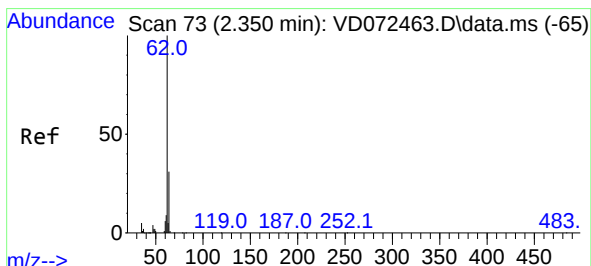
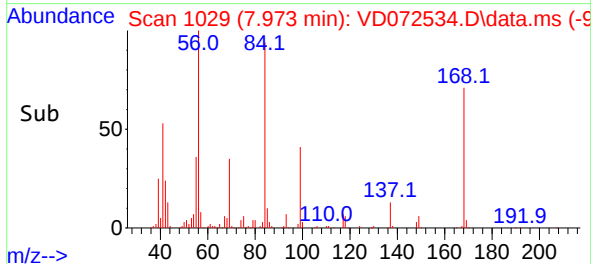
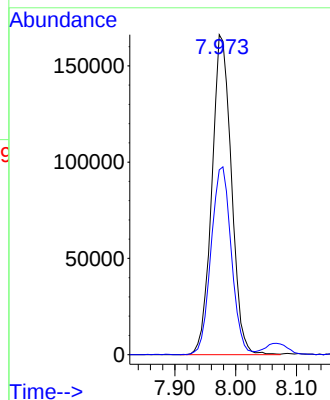
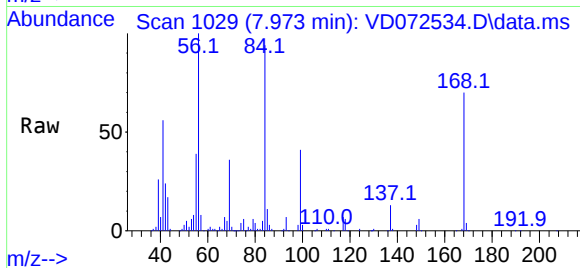




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

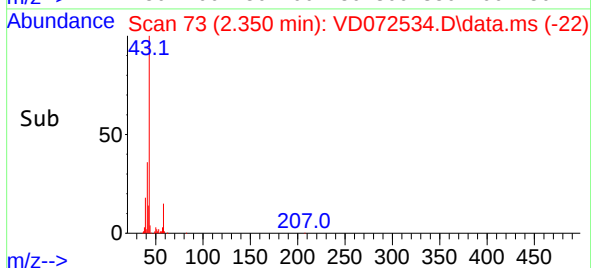
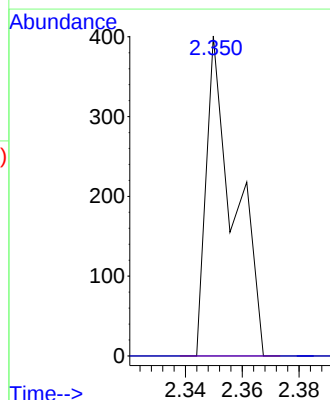
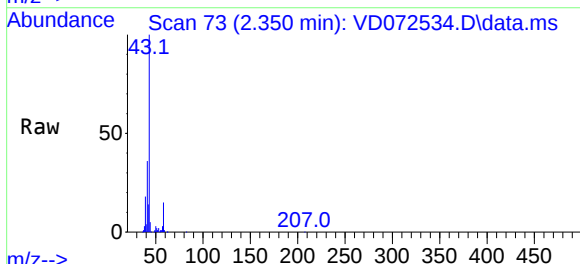
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

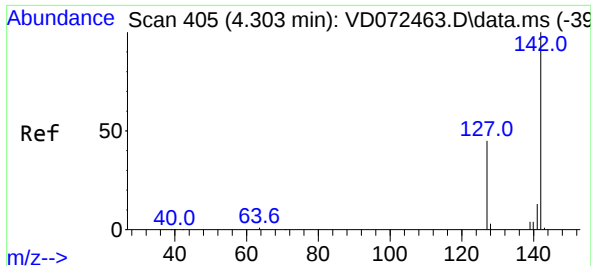
Tgt Ion:168 Resp: 370558
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#4
Vinyl Chloride
Concen: 1.036 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 62 Resp: 273
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

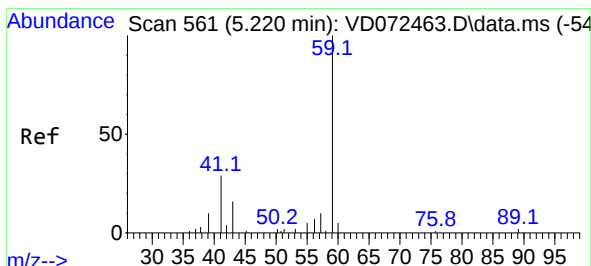
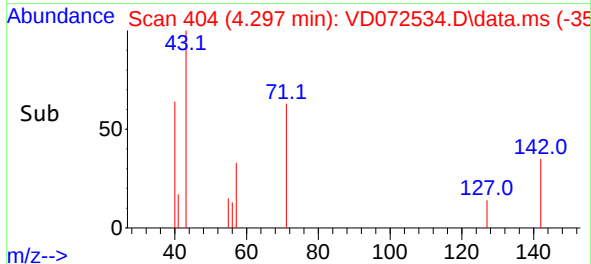
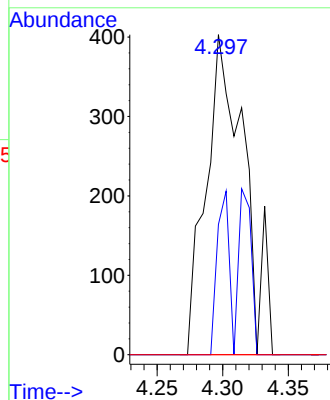
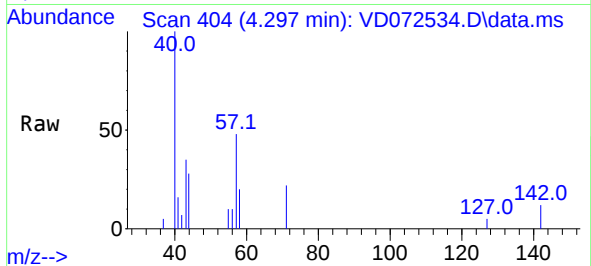




#10
Methyl Iodide
Concen: 3.922 ug/l
RT: 4.297 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

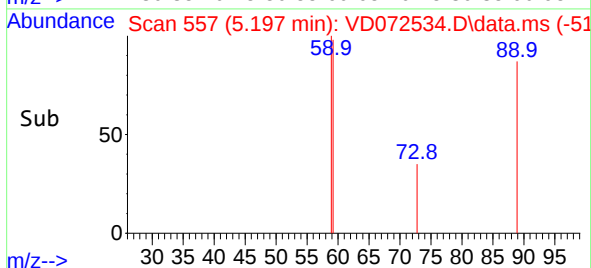
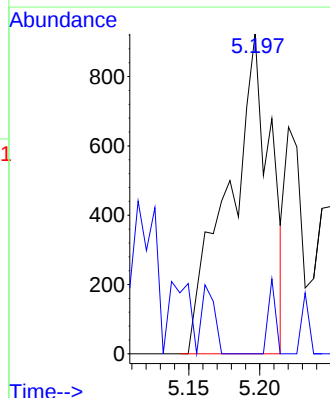
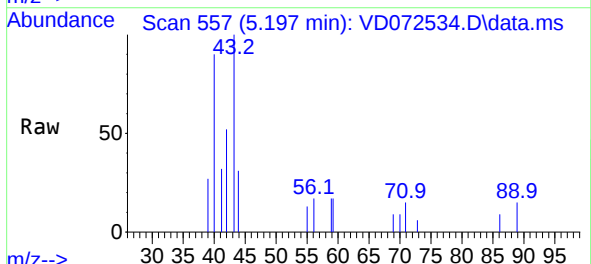
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

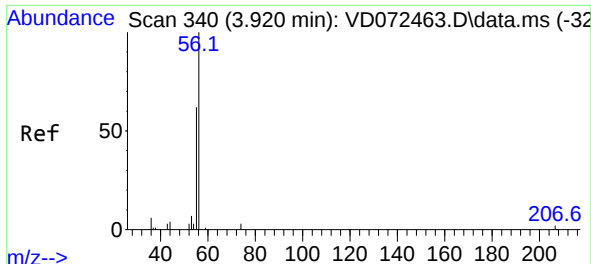
Tgt Ion:142 Resp: 819
Ion Ratio Lower Upper
142 100
127 16.0 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 8.068 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

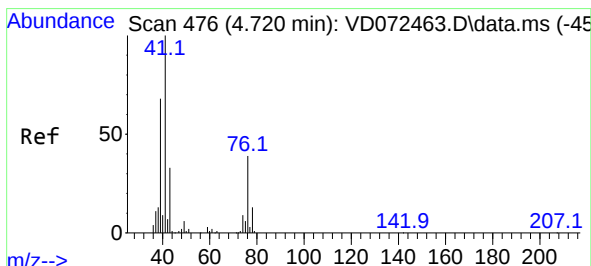
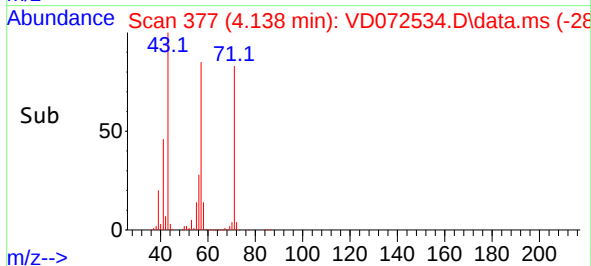
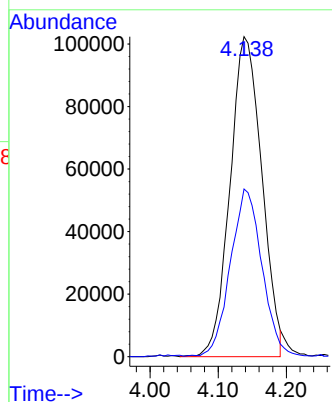
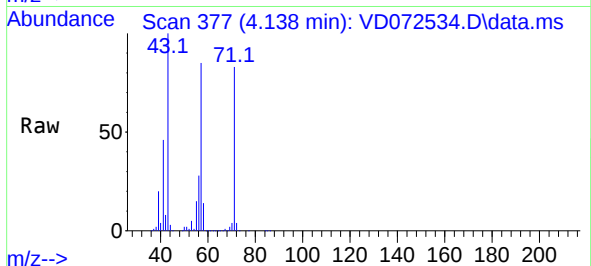




#13
Acrolein
Concen: 3148.137 ug/l
RT: 4.138 min Scan# 31
Delta R.T. 0.218 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

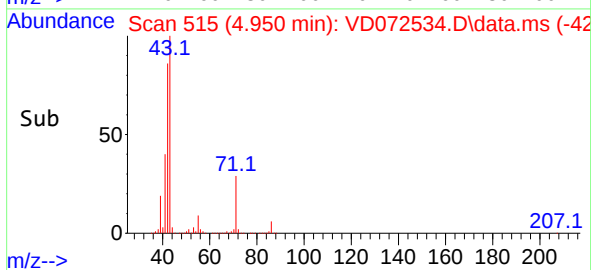
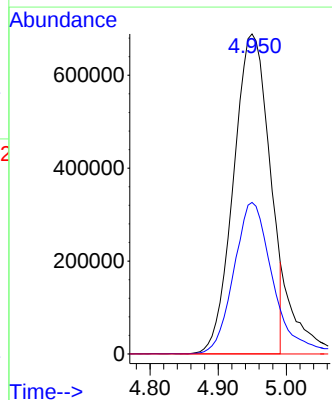
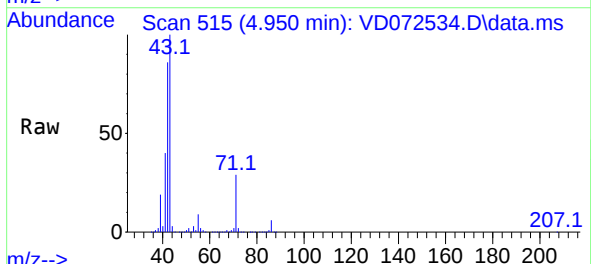
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

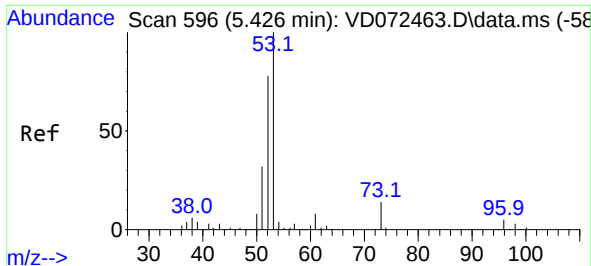
Tgt Ion: 56 Resp: 330709
Ion Ratio Lower Upper
56 100
55 51.1 57.1 85.7#



#14
Allyl chloride
Concen: 421.285 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.230 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 41 Resp: 2512217
Ion Ratio Lower Upper
41 100
39 46.5 59.3 88.9#
76 0.0 25.7 38.5#

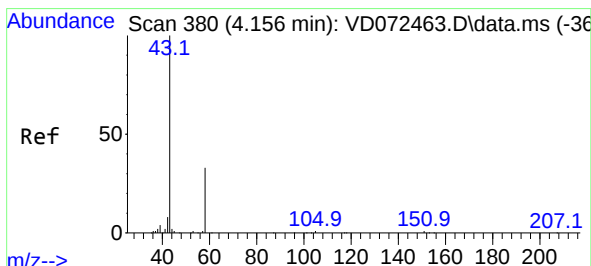
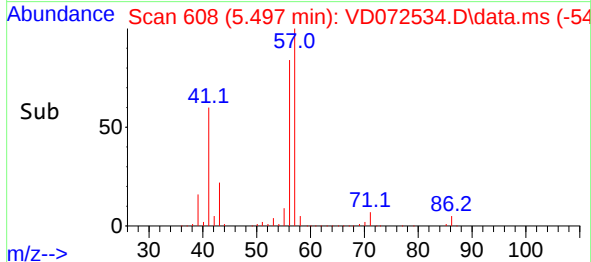
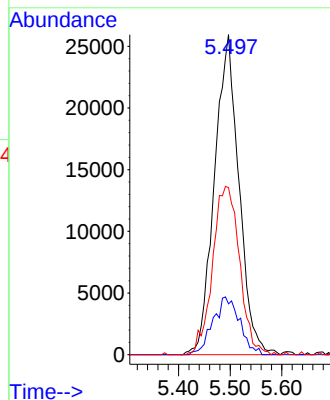
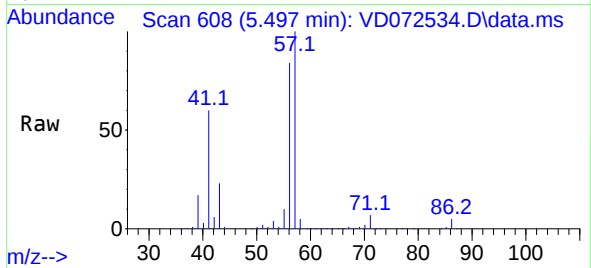




#15
Acrylonitrile
Concen: 90.031 ug/l
RT: 5.497 min Scan# 608
Delta R.T. 0.071 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

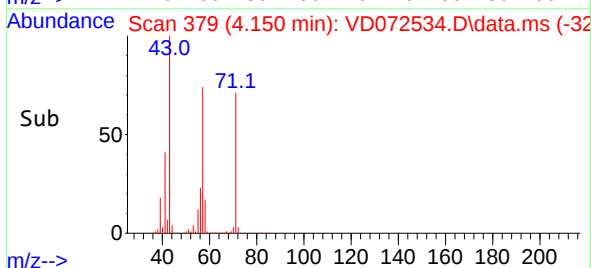
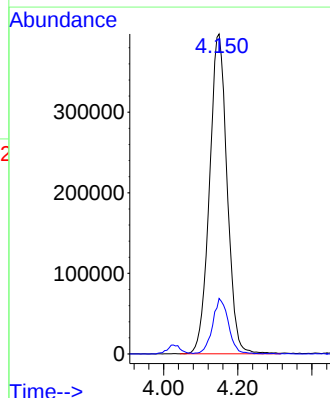
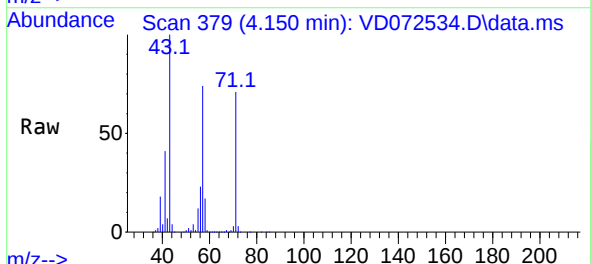
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

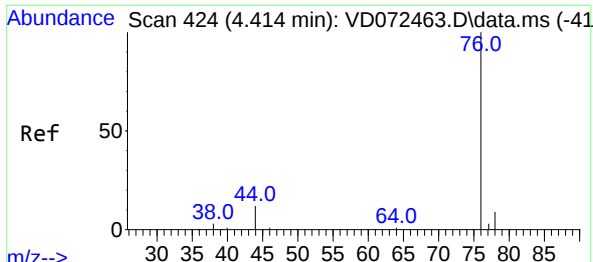
Tgt Ion: 53 Resp: 85410
Ion Ratio Lower Upper
53 100
52 19.7 67.2 100.8#
51 57.9 30.3 45.5#



#16
Acetone
Concen: 1565.372 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 43 Resp: 1308433
Ion Ratio Lower Upper
43 100
58 17.3 22.1 33.1#





#17

Carbon Disulfide

Concen: 5.869 ug/l

RT: 4.409 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

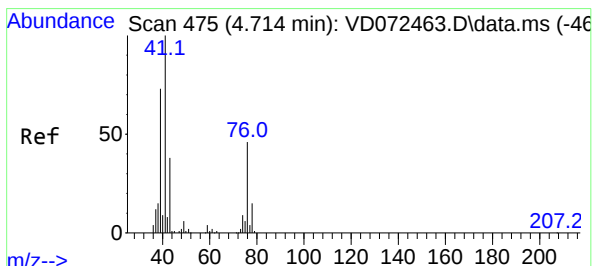
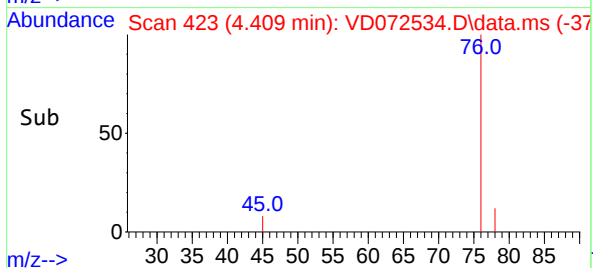
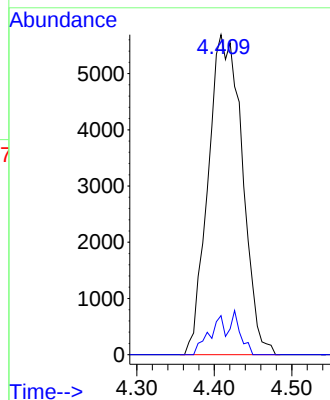
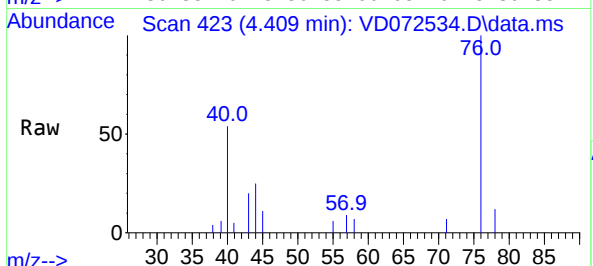
WC-14A-1A-4-GR-10

Tgt Ion: 76 Resp: 17431

Ion Ratio Lower Upper

76 100

78 12.2 7.5 11.3#



#18

Methyl Acetate

Concen: 2578.499 ug/l

RT: 4.950 min Scan# 515

Delta R.T. 0.235 min

Lab File: VD072534.D

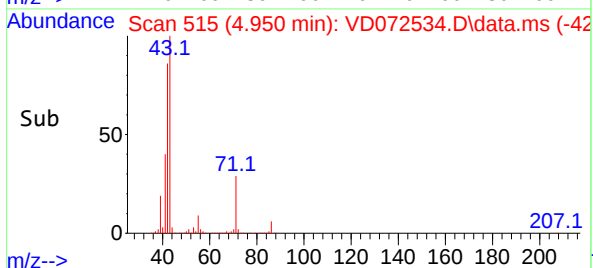
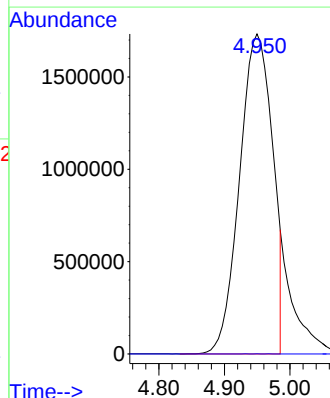
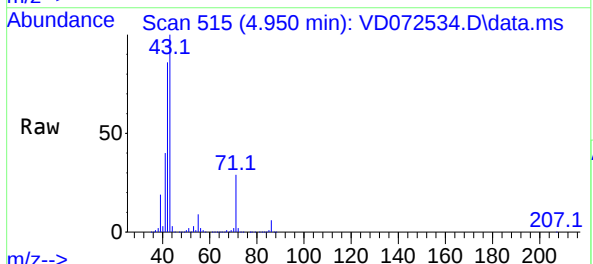
Acq: 05 Apr 2022 14:48

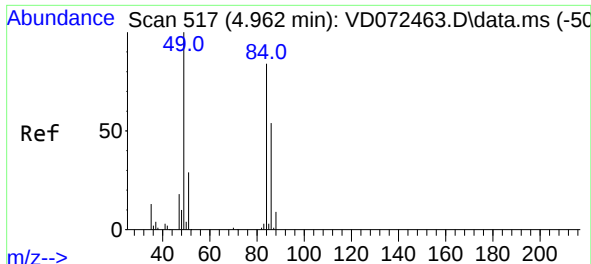
Tgt Ion: 43 Resp: 6071880

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#





#20

Methylene Chloride

Concen: 4.789 ug/l

RT: 4.967 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-10

Tgt Ion: 84 Resp: 23831

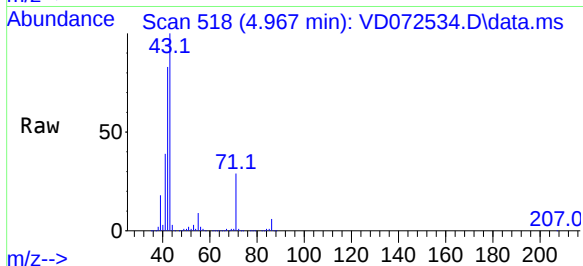
Ion Ratio Lower Upper

84 100

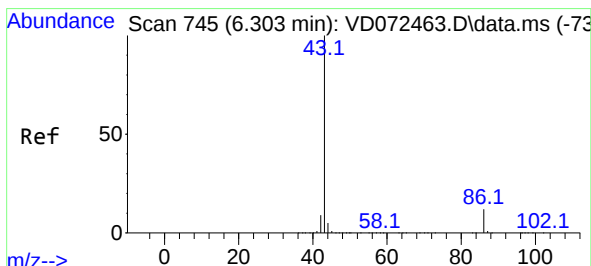
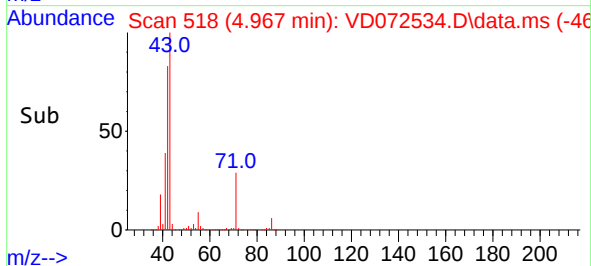
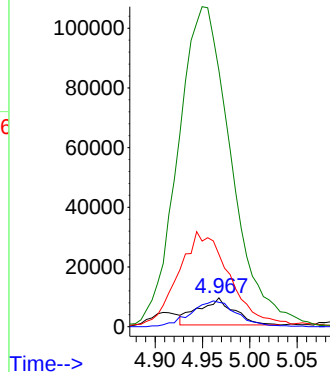
49 86.3 112.8 169.2#

51 246.7 32.6 48.8#

86 890.9 47.9 71.9#



Abundance



#23

Vinyl Acetate

Concen: 6.330 ug/l

RT: 6.255 min Scan# 737

Delta R.T. -0.048 min

Lab File: VD072534.D

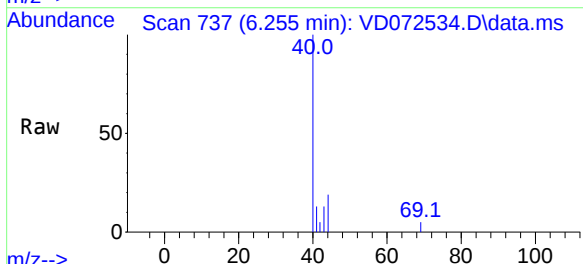
Acq: 05 Apr 2022 14:48

Tgt Ion: 43 Resp: 304

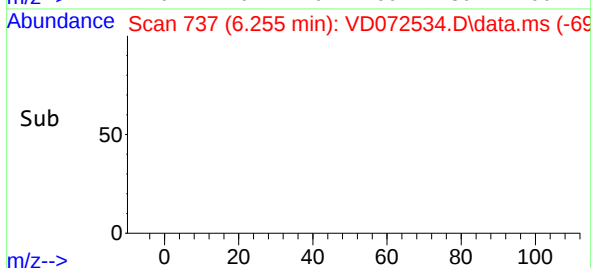
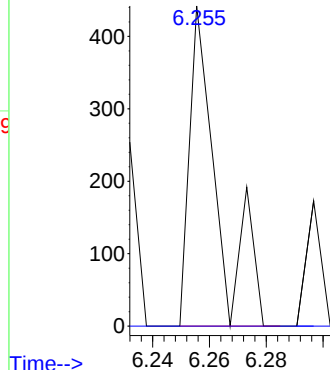
Ion Ratio Lower Upper

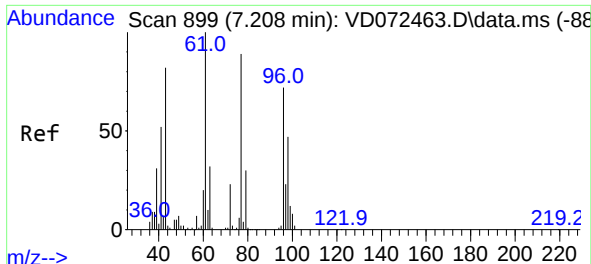
43 100

86 0.0 7.1 10.7#



Abundance





#25

2-Butanone

Concen: 743.558 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

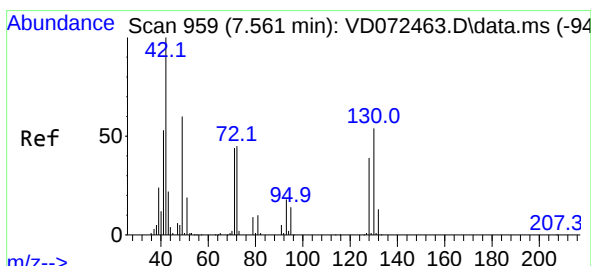
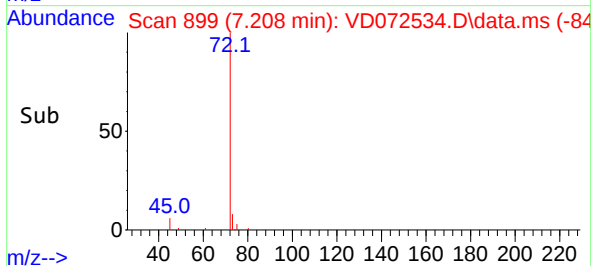
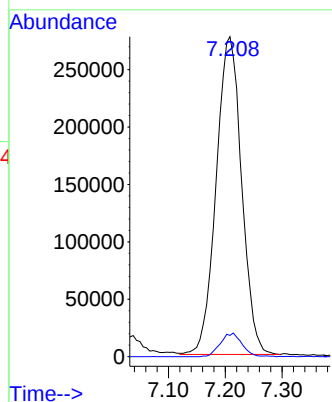
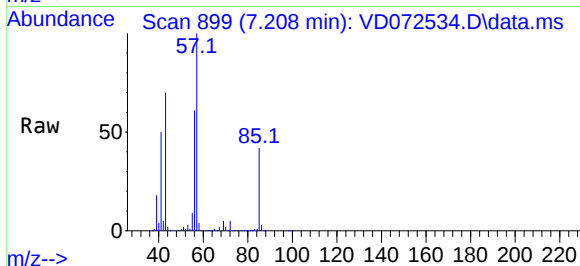
WC-14A-1A-4-GR-10

Tgt Ion: 43 Resp: 859566

Ion Ratio Lower Upper

43 100

72 6.7 18.6 27.8#



#29

Tetrahydrofuran

Concen: 128.169 ug/l

RT: 7.732 min Scan# 988

Delta R.T. 0.171 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

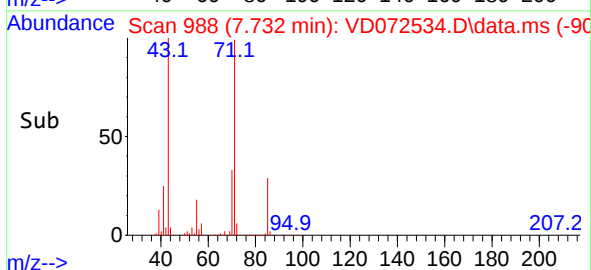
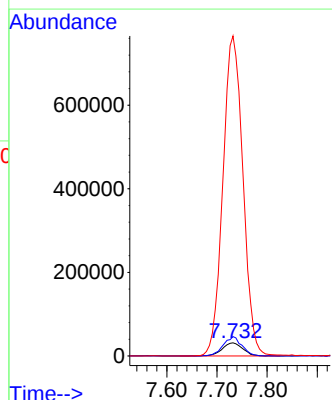
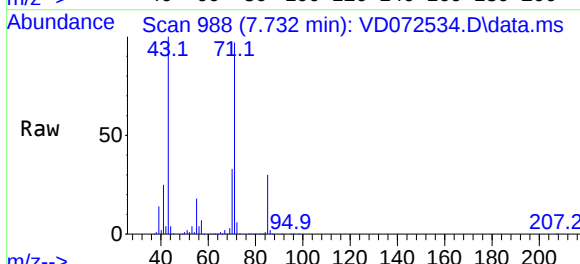
Tgt Ion: 42 Resp: 89454

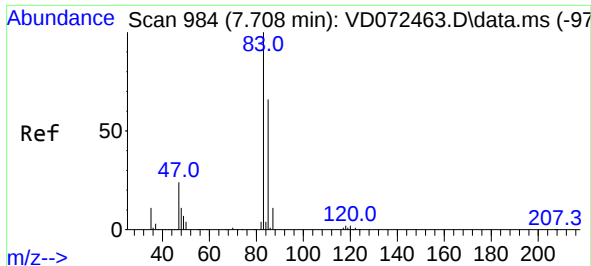
Ion Ratio Lower Upper

42 100

72 133.8 30.7 46.1#

71 2380.5 28.6 43.0#

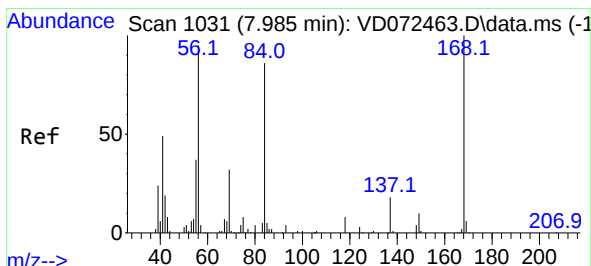
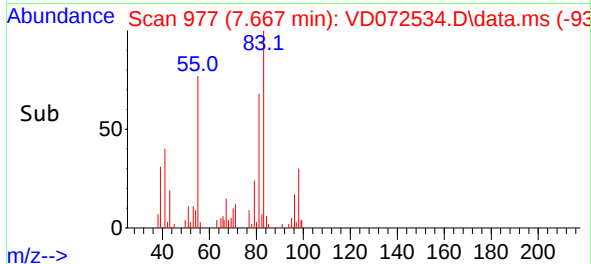
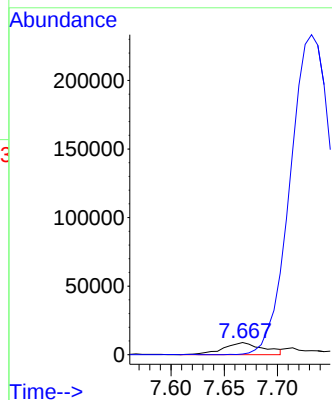
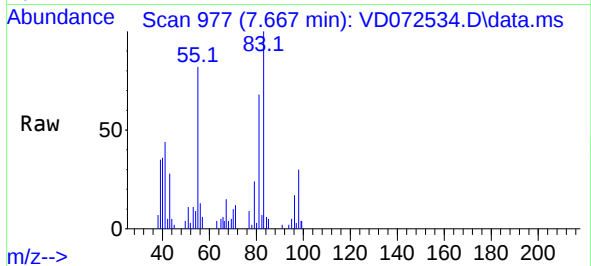




#30
Chloroform
Concen: 2.584 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

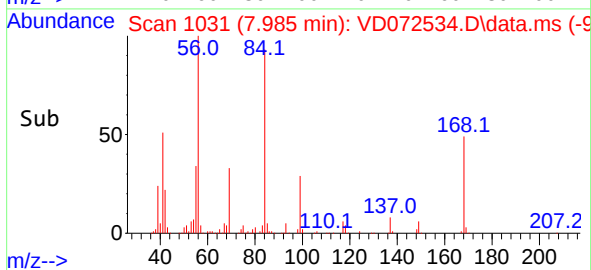
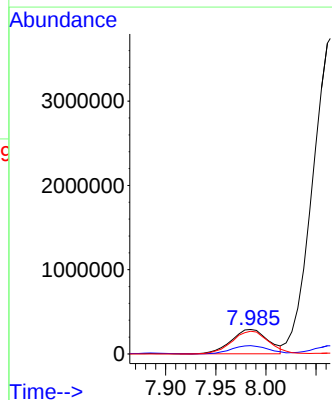
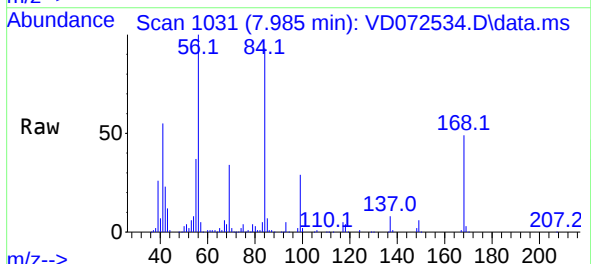
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

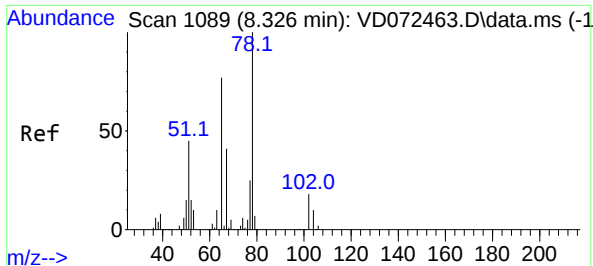
Tgt Ion: 83 Resp: 23420
Ion Ratio Lower Upper
83 100
85 5.4 52.7 79.1#



#31
Cyclohexane
Concen: 126.781 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 56 Resp: 743107
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.2
84 93.4 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 54.662 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

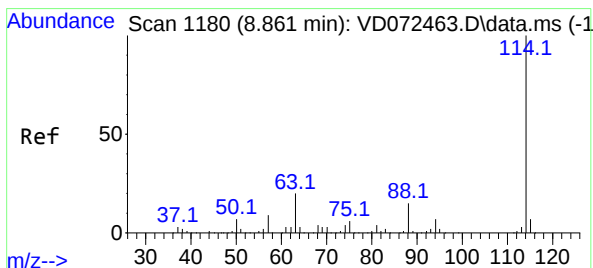
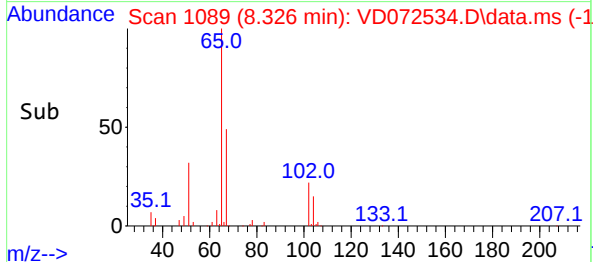
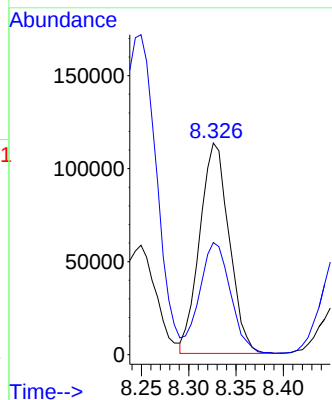
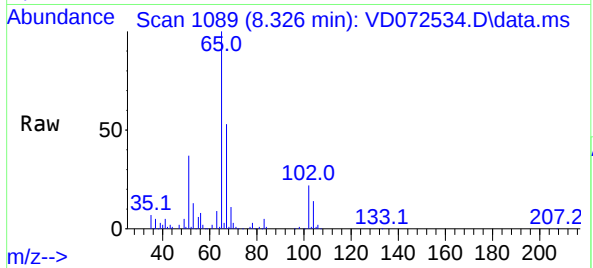
WC-14A-1A-4-GR-10

Tgt Ion: 65 Resp: 245029

Ion Ratio Lower Upper

65 100

67 55.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

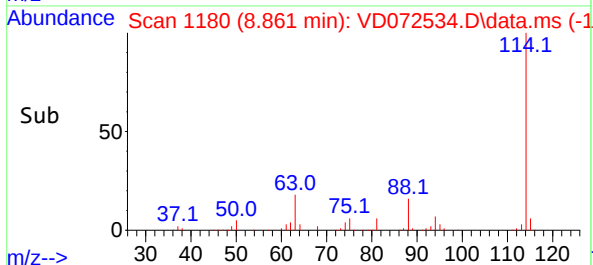
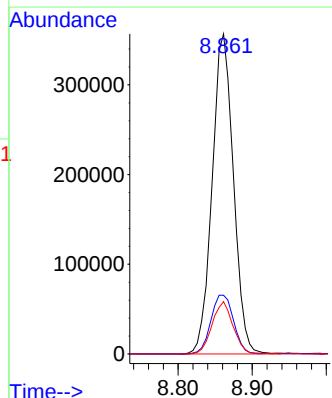
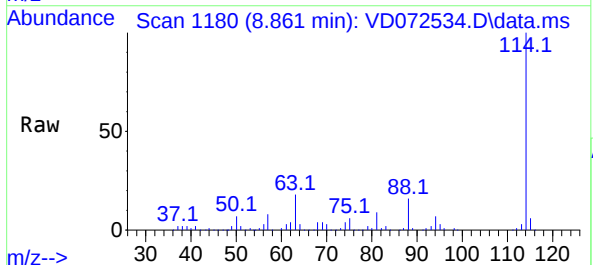
Tgt Ion: 114 Resp: 711217

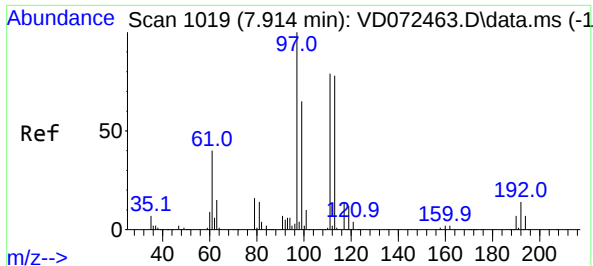
Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.250 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-10

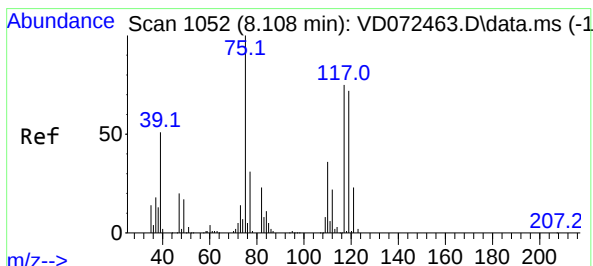
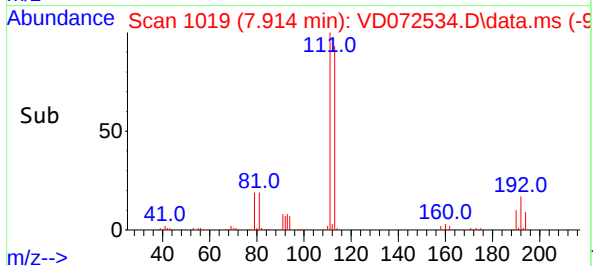
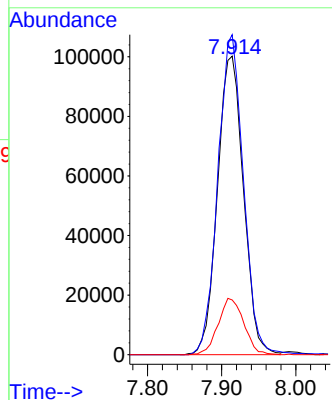
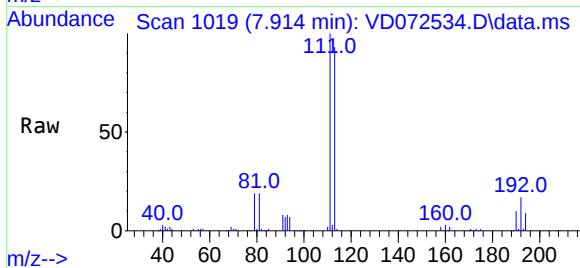
Tgt Ion:113 Resp: 244575

Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 1.351 ug/l

RT: 8.073 min Scan# 1046

Delta R.T. -0.035 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

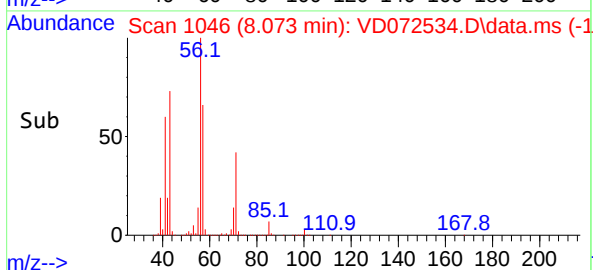
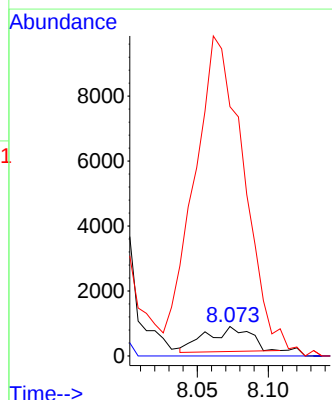
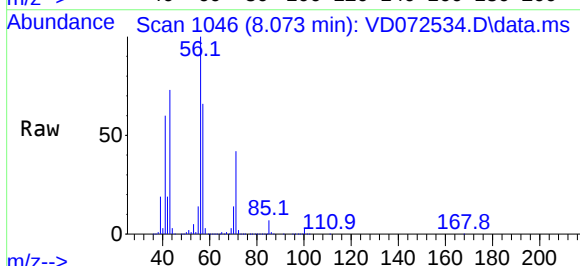
Tgt Ion: 75 Resp: 1640

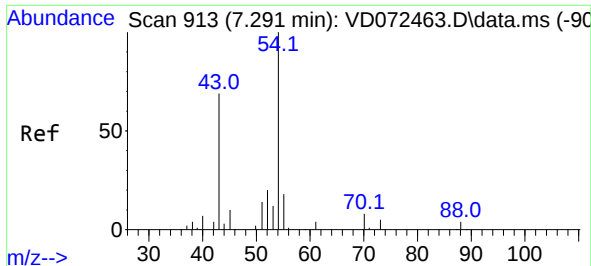
Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 1481.1 24.2 36.2#

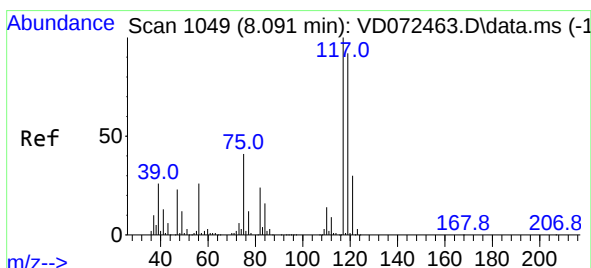
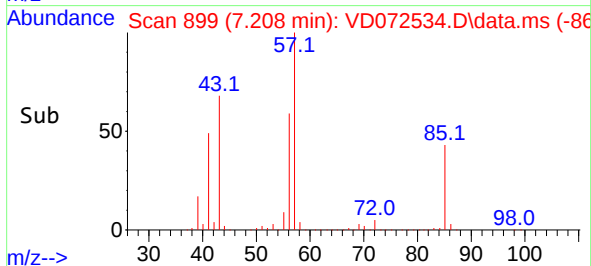
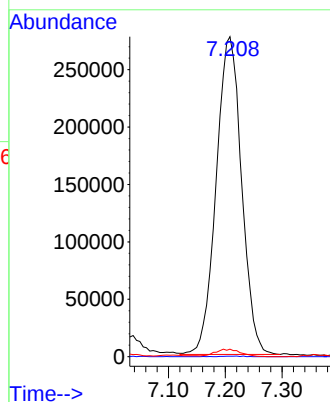
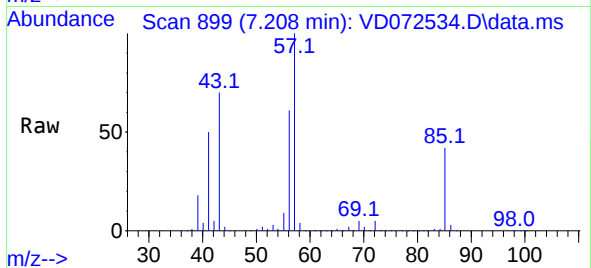




#37
Ethyl Acetate
Concen: 293.500 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

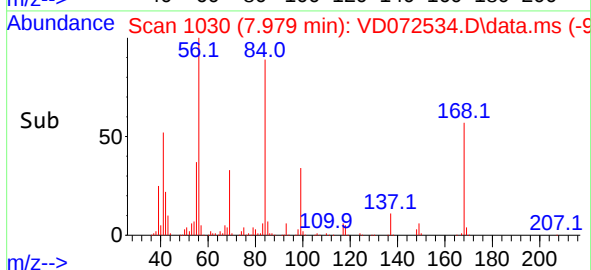
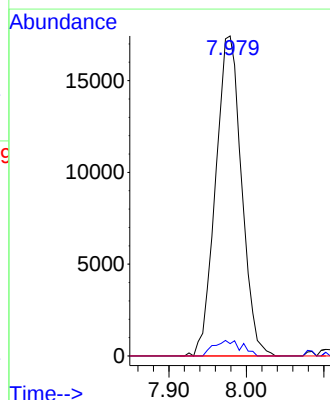
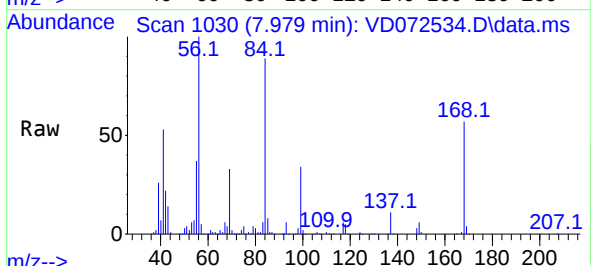
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

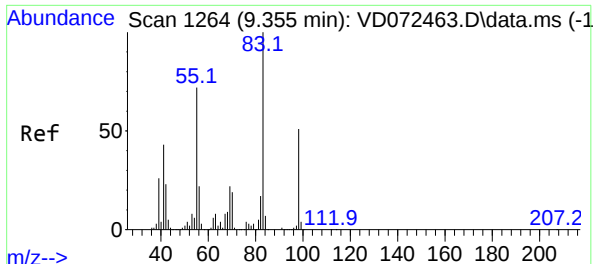
Tgt Ion: 43 Resp: 859566
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 2.4 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 117 Resp: 40532
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 407.518 ug/l

RT: 9.320 min Scan# 11

Delta R.T. -0.035 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-10

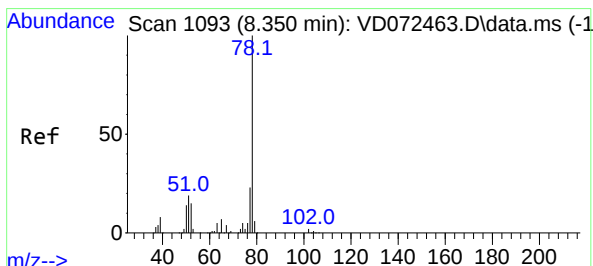
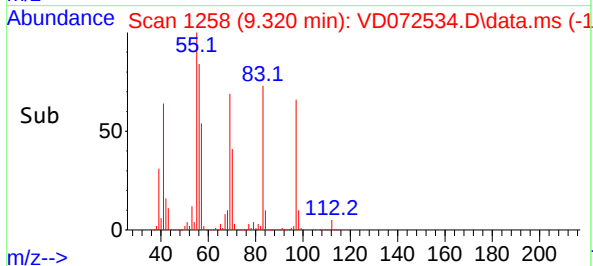
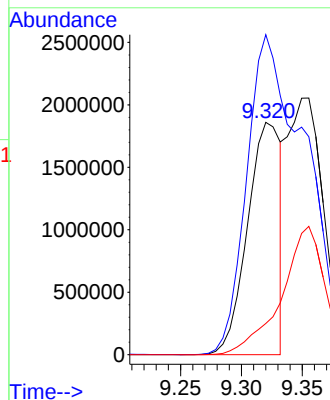
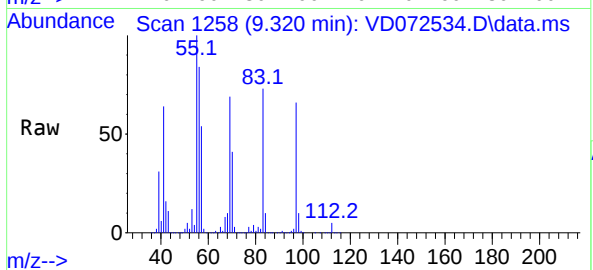
Tgt Ion: 83 Resp: 3531713

Ion Ratio Lower Upper

83 100

55 137.8 63.2 94.8#

98 13.4 38.2 57.4#



#40

Benzene

Concen: 1.062 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072534.D

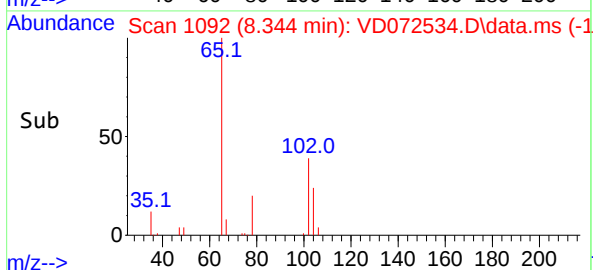
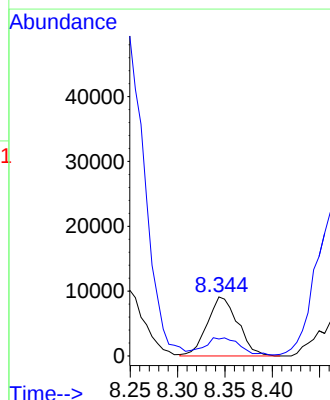
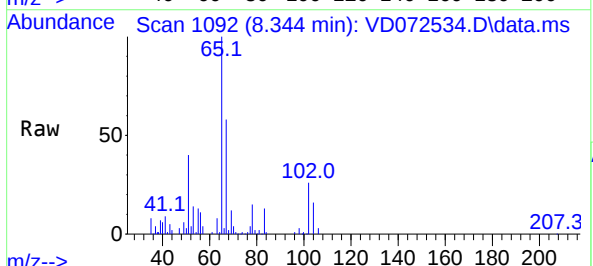
Acq: 05 Apr 2022 14:48

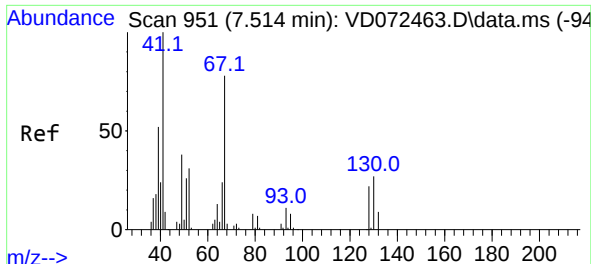
Tgt Ion: 78 Resp: 20497

Ion Ratio Lower Upper

78 100

77 26.1 19.1 28.7

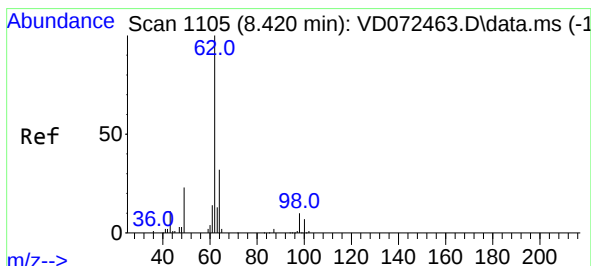
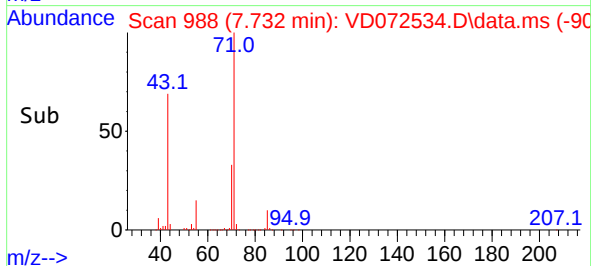
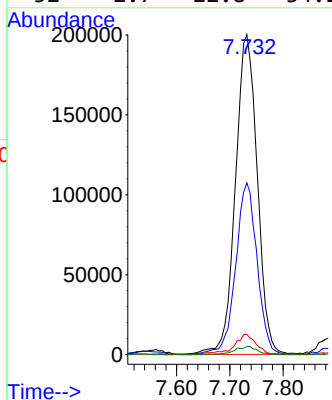
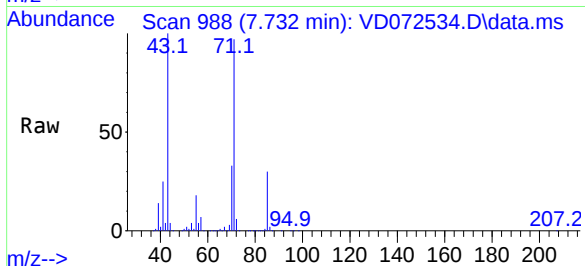




#41
Methacrylonitrile
Concen: 322.892 ug/l
RT: 7.732 min Scan# 911
Delta R.T. 0.218 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

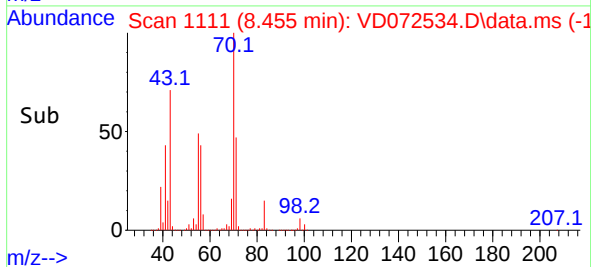
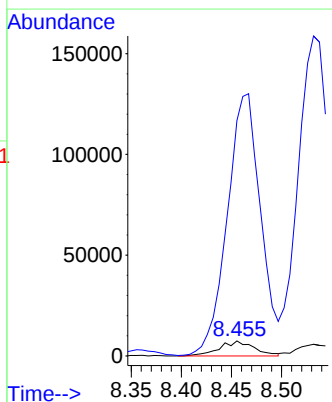
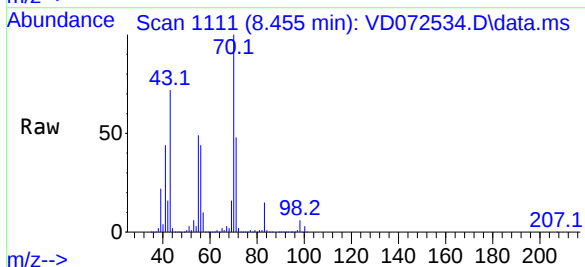
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

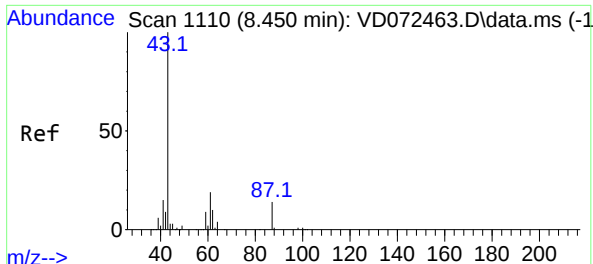
Tgt Ion: 41 Resp: 568672
Ion Ratio Lower Upper
41 100
39 52.7 44.6 67.0
67 6.7 48.2 72.4#
52 2.7 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 3.020 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.035 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

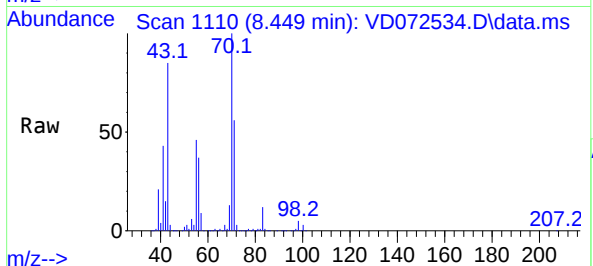
Tgt Ion: 62 Resp: 17819
Ion Ratio Lower Upper
62 100
98 1687.2 0.0 17.6#



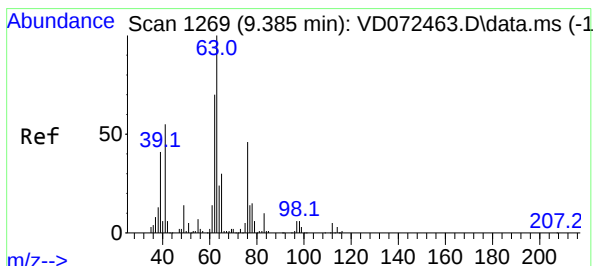
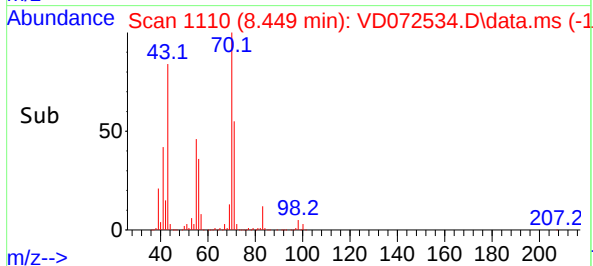
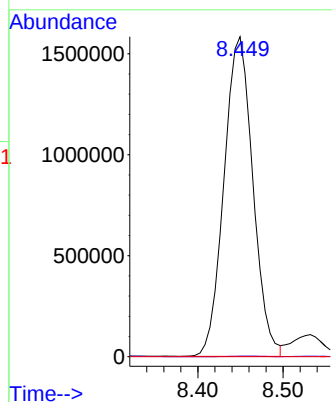


#43
Isopropyl Acetate
Concen: 664.747 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

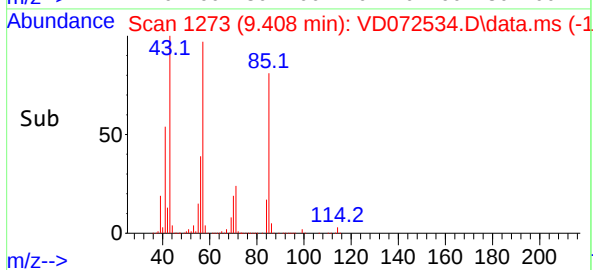
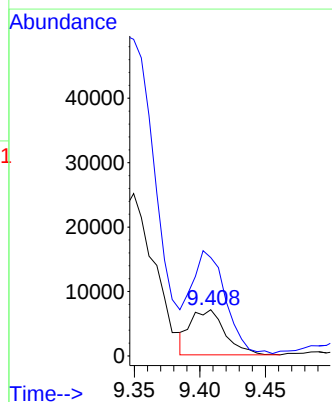
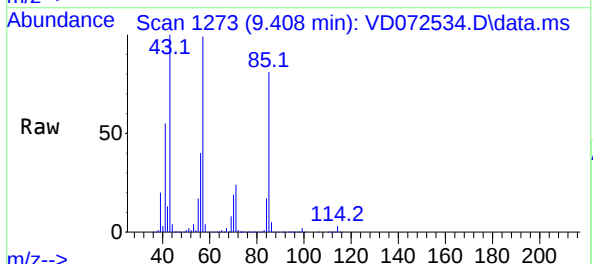


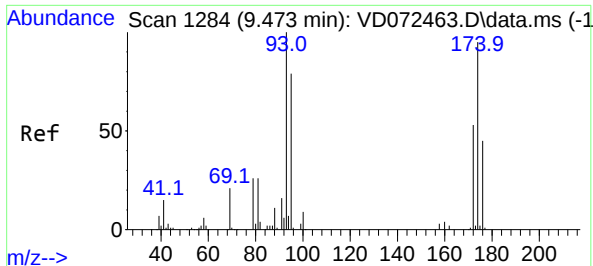
Tgt Ion: 43 Resp: 3734389
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 2.379 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. 0.023 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 63 Resp: 12775
Ion Ratio Lower Upper
63 100
65 207.7 26.2 39.4#

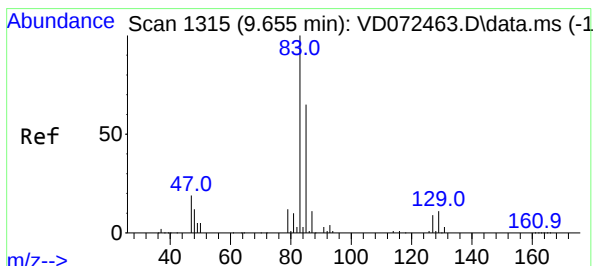
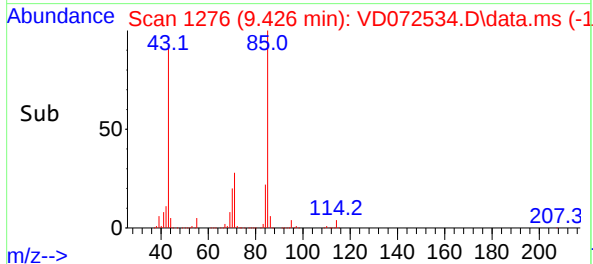
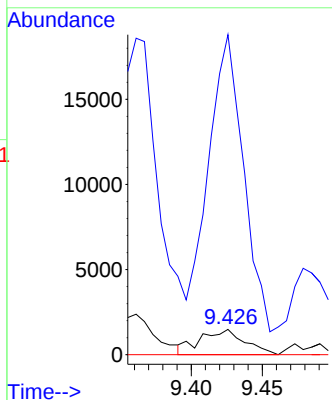
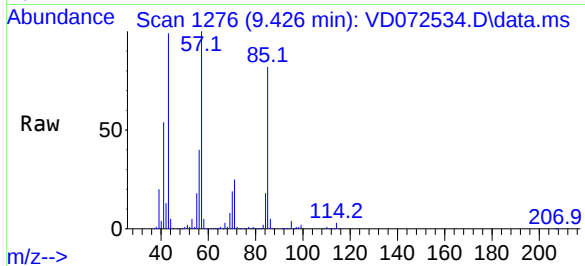




#46
Dibromomethane
Concen: 1.144 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

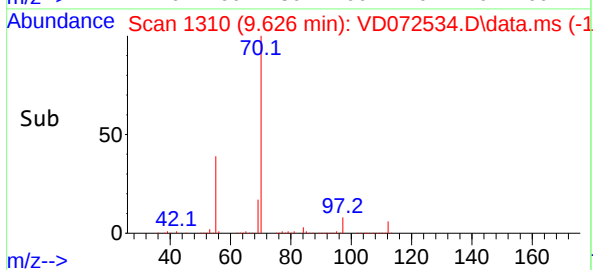
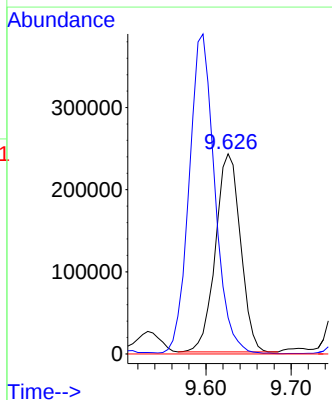
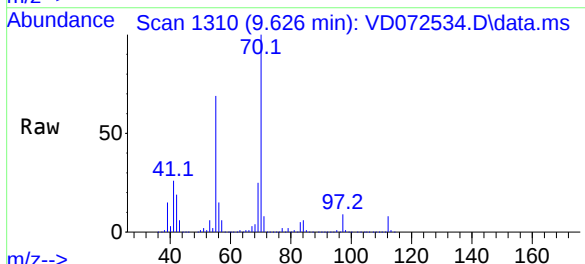
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

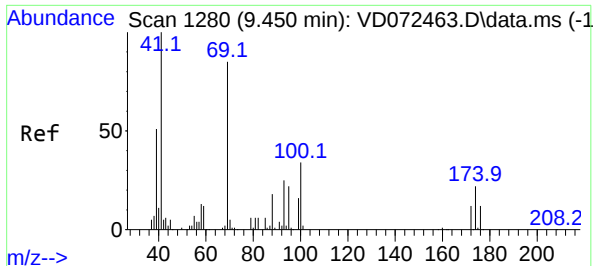
Tgt Ion: 93 Resp: 3222
Ion Ratio Lower Upper
93 100
95 1040.0 66.7 100.1#
174 0.0 71.6 107.4#



#47
Bromodichloromethane
Concen: 60.845 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 83 Resp: 492443
Ion Ratio Lower Upper
83 100
85 18.1 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 57.812 ug/l

RT: 9.491 min Scan# 1

Delta R.T. 0.041 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-10

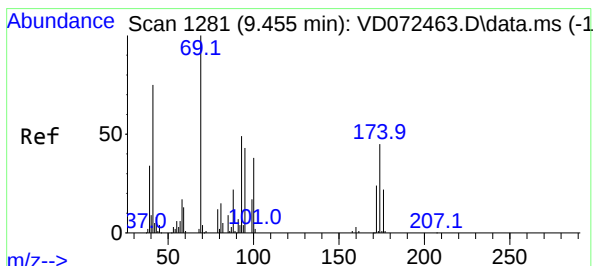
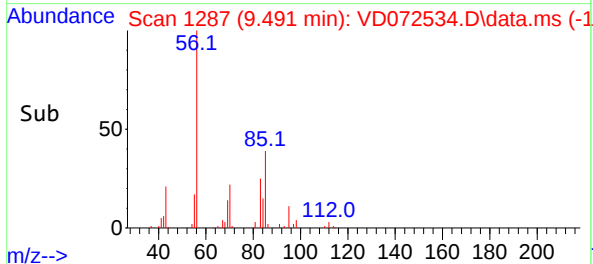
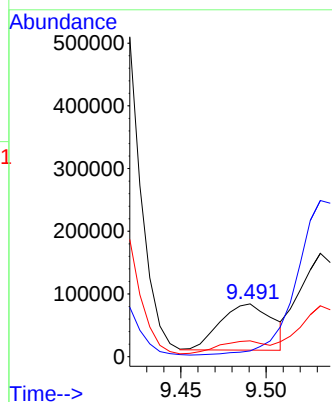
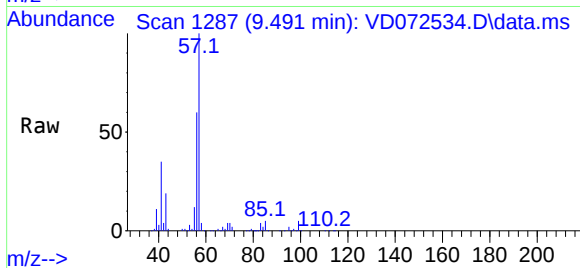
Tgt Ion: 41 Resp: 157675

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.7 64.1#



#49

1,4-Dioxane

Concen: 2.149 ug/l

RT: 9.402 min Scan# 1272

Delta R.T. -0.053 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

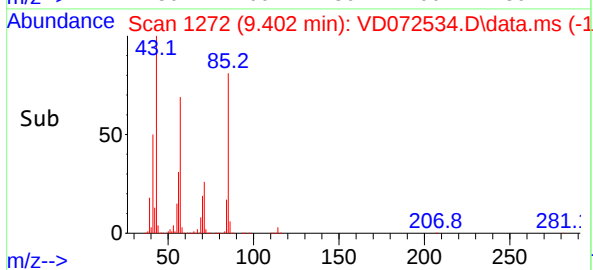
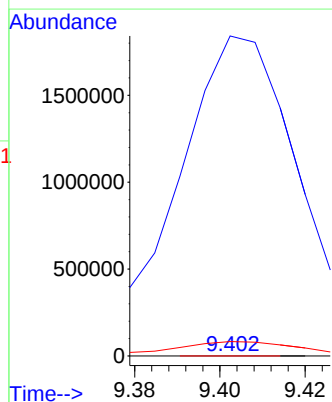
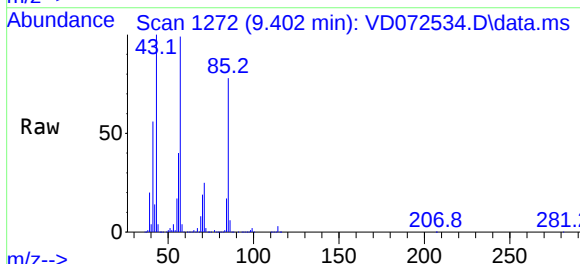
Tgt Ion: 88 Resp: 72

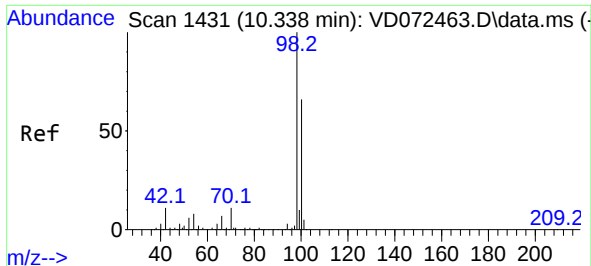
Ion Ratio Lower Upper

88 100

43 4902784.7 31.0 46.4#

58 226611.1 58.1 87.1#

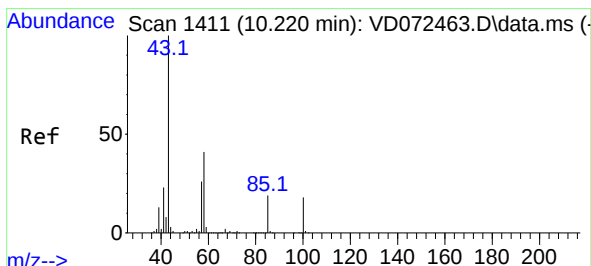
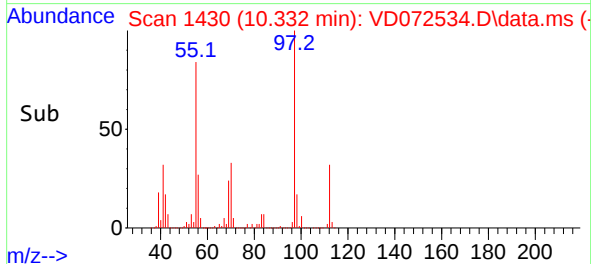
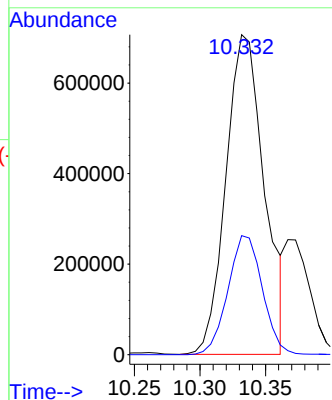
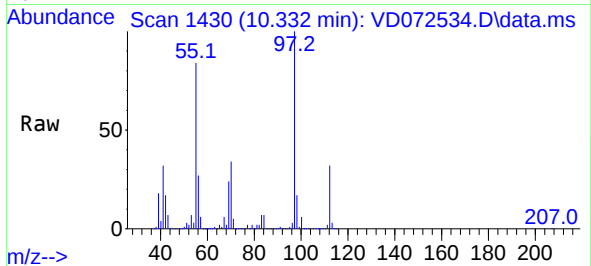




#50
Toluene-d8
Concen: 74.816 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

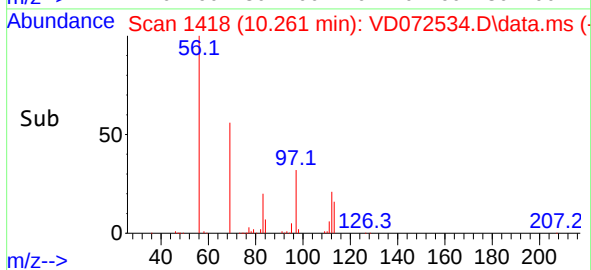
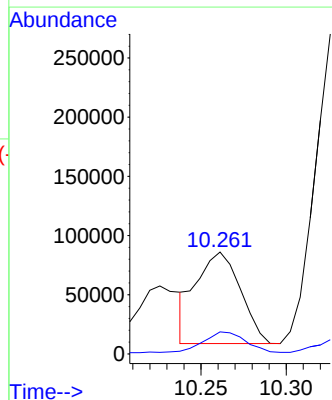
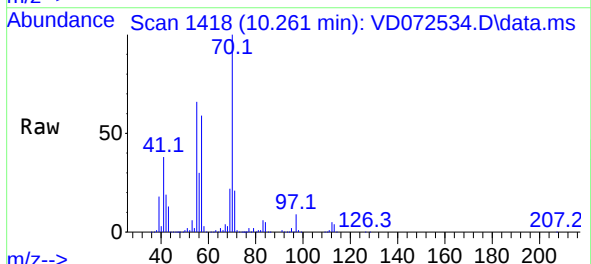
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

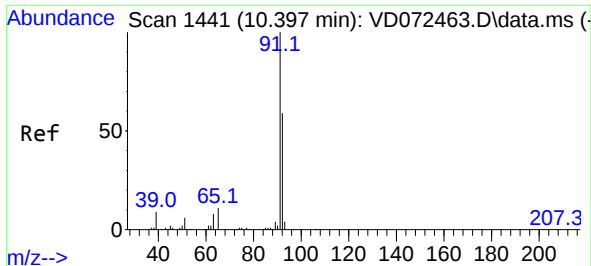
Tgt Ion: 98 Resp: 1437409
Ion Ratio Lower Upper
98 100
100 33.6 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 46.217 ug/l
RT: 10.261 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 43 Resp: 139313
Ion Ratio Lower Upper
43 100
58 26.4 28.6 43.0#

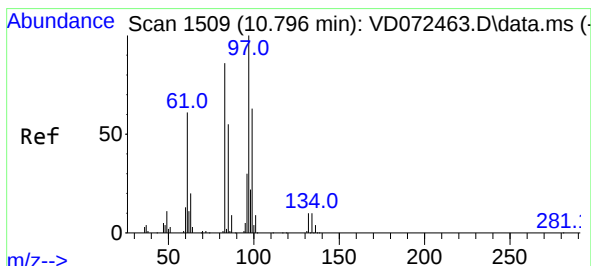
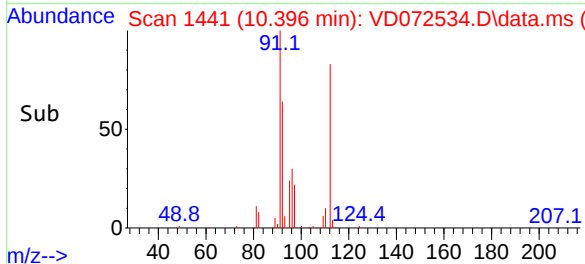
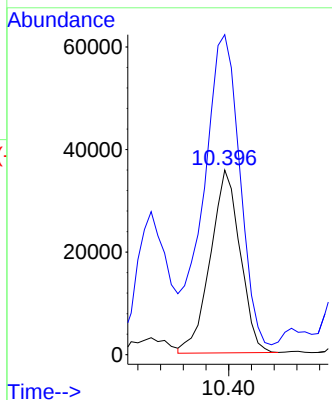
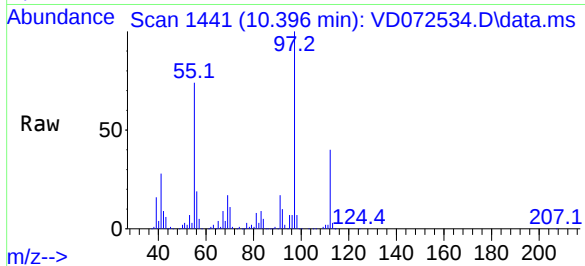




#52
Toluene
Concen: 5.060 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

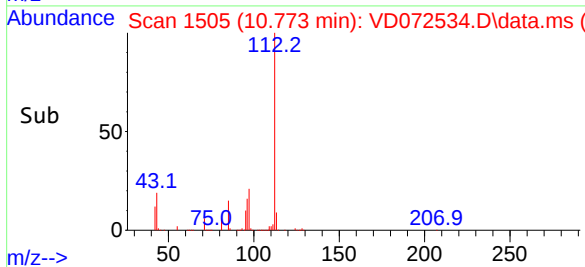
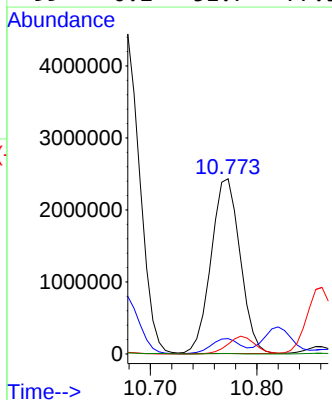
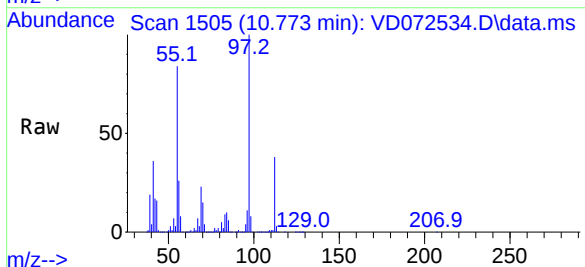
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

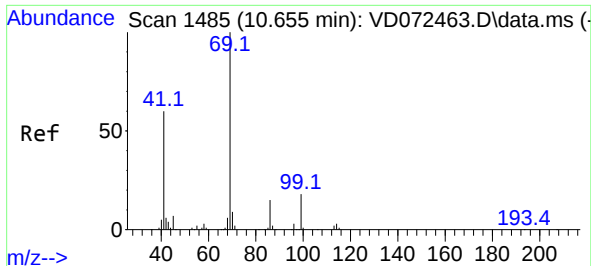
Tgt Ion: 92 Resp: 64882
Ion Ratio Lower Upper
92 100
91 202.5 139.6 209.4



#55
1,1,2-Trichloroethane
Concen: 1078.078 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.024 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 97 Resp: 4604418
Ion Ratio Lower Upper
97 100
83 8.6 69.0 103.4#
85 5.6 42.6 63.8#
99 0.2 51.7 77.5#

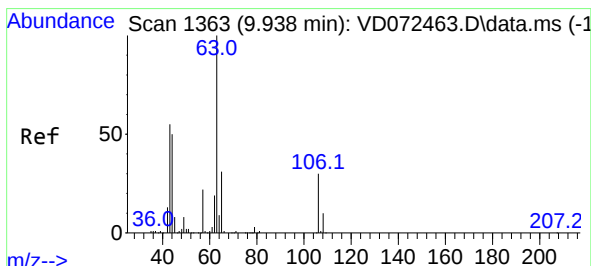
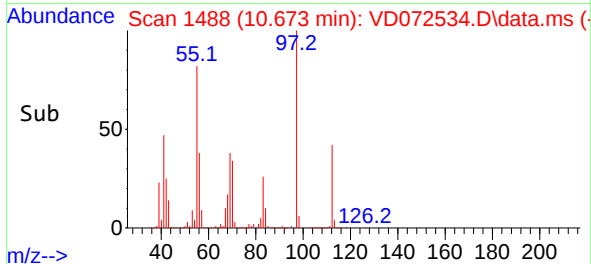
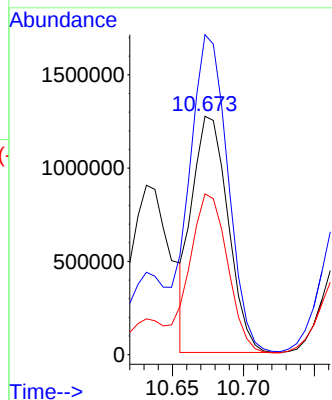
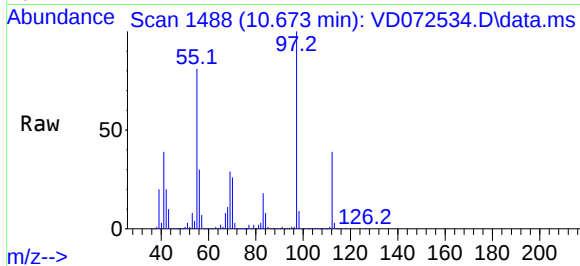




#56
Ethyl methacrylate
Concen: 414.185 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

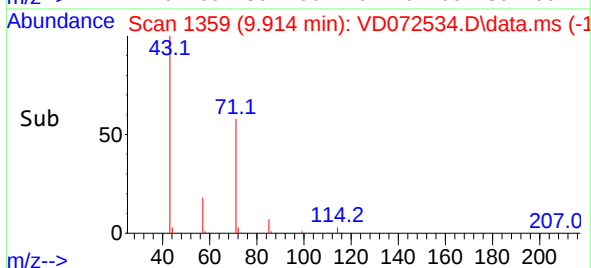
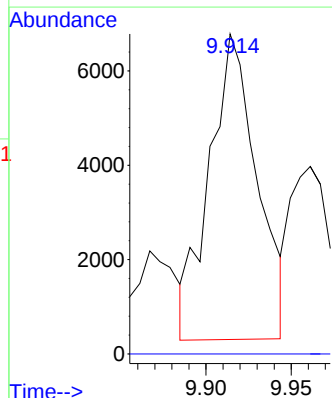
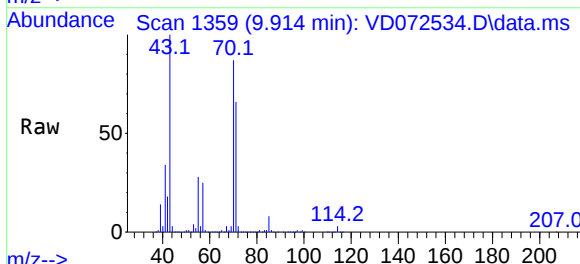
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

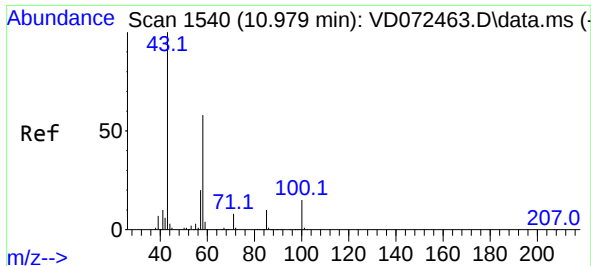
Tgt Ion: 69 Resp: 2221722
Ion Ratio Lower Upper
69 100
41 141.7 63.0 94.6#
39 72.7 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 5.987 ug/l
RT: 9.914 min Scan# 1359
Delta R.T. -0.024 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 63 Resp: 12623
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

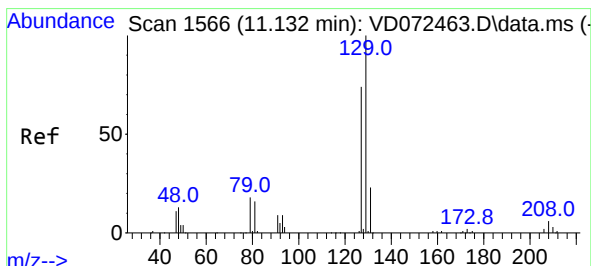
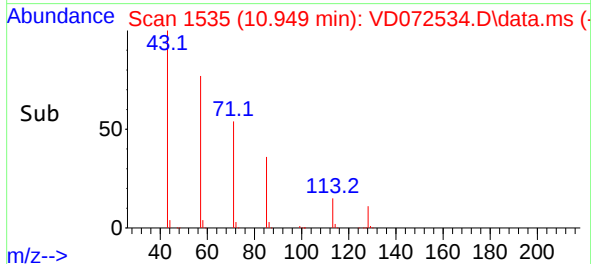
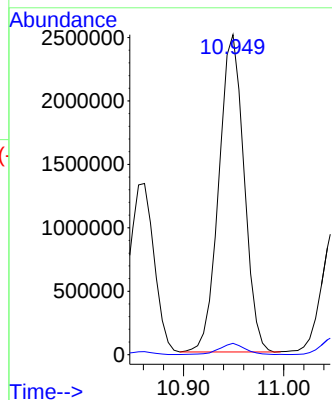
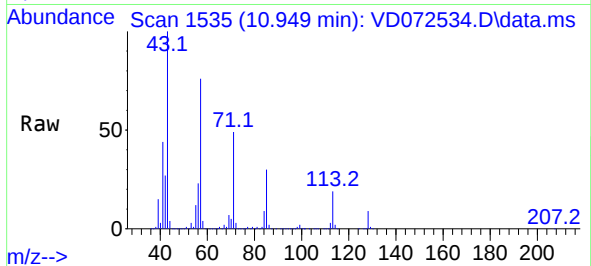




#59
2-Hexanone
Concen: 2127.109 ug/l
RT: 10.949 min Scan# 1552
Delta R.T. -0.030 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

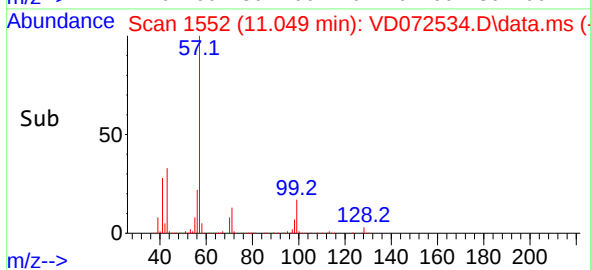
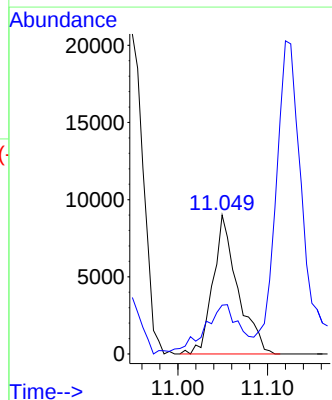
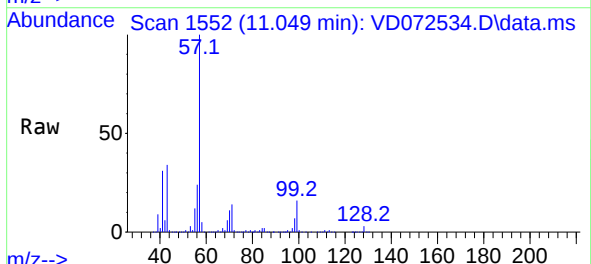
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

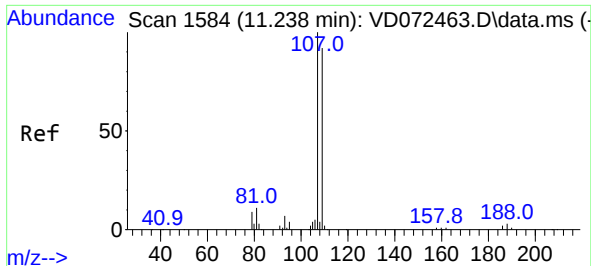
Tgt Ion: 43 Resp: 4360199
Ion Ratio Lower Upper
43 100
58 3.6 25.3 75.9#



#60
Dibromochloromethane
Concen: 3.114 ug/l
RT: 11.049 min Scan# 1552
Delta R.T. -0.082 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:129 Resp: 17155
Ion Ratio Lower Upper
129 100
127 45.1 39.2 117.6

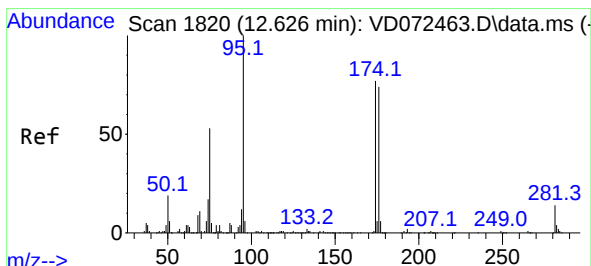
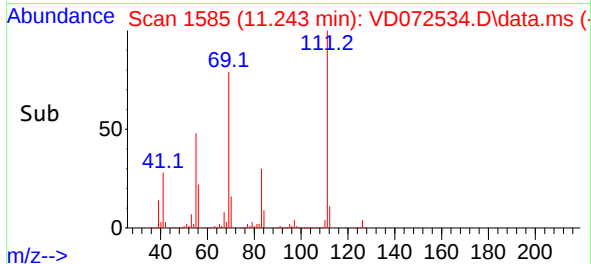
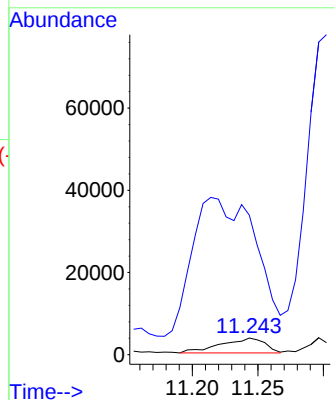
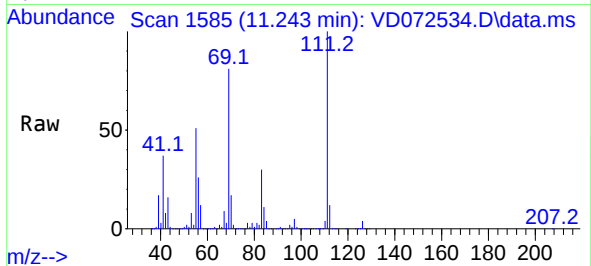




#61
1,2-Dibromoethane
Concen: 2.247 ug/l
RT: 11.243 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

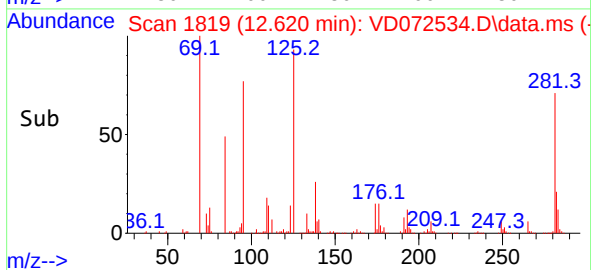
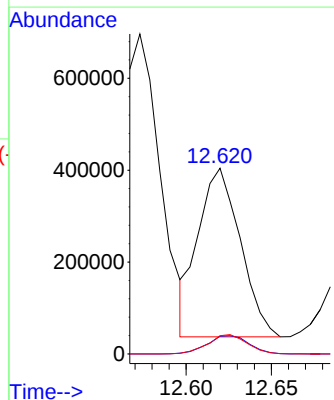
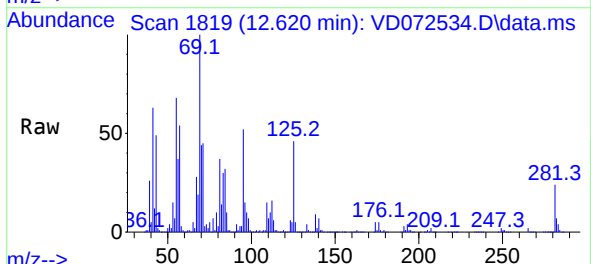
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

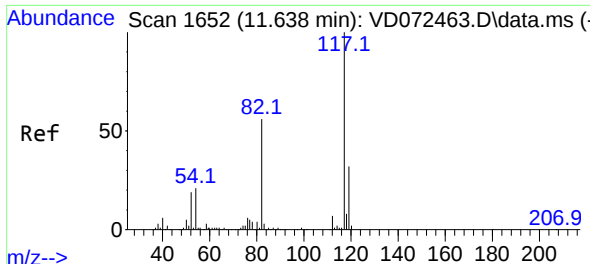
Tgt Ion:107 Resp: 8520
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 84.267 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 95 Resp: 632290
Ion Ratio Lower Upper
95 100
174 10.8 0.0 152.8
176 10.7 0.0 145.4

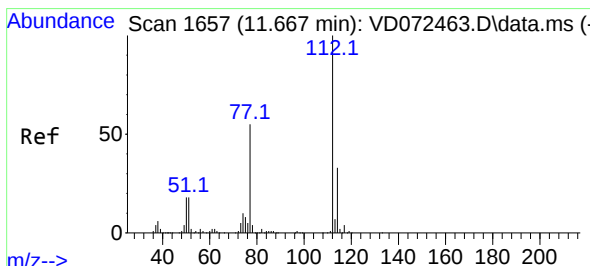
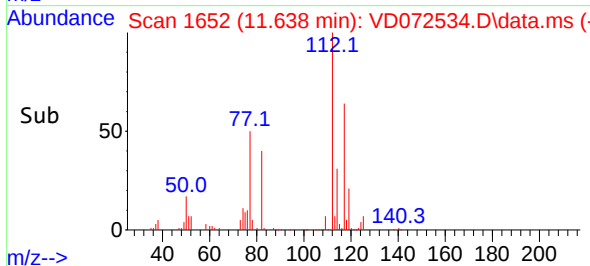
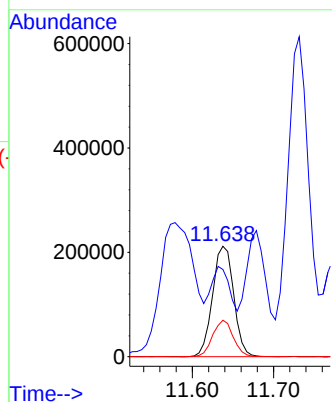
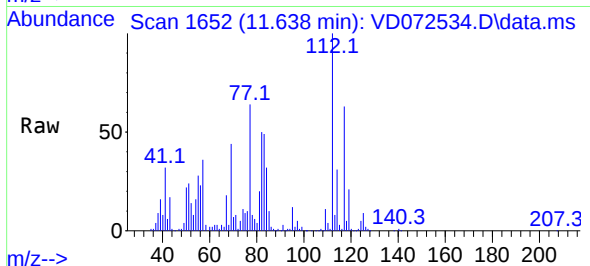




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

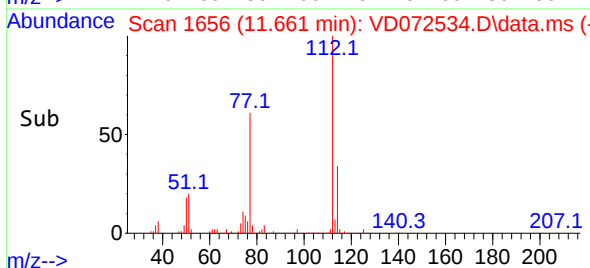
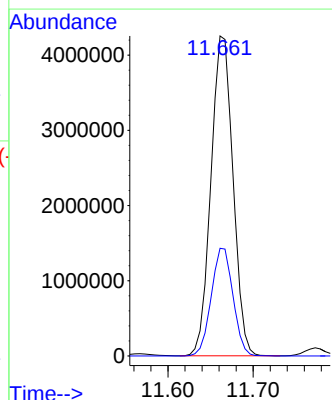
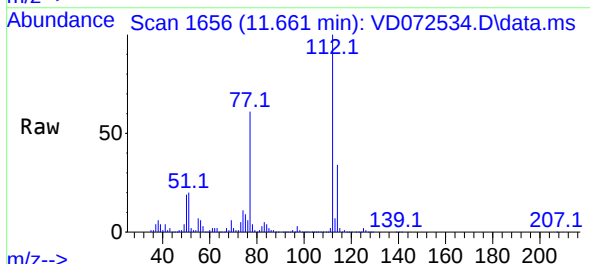
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

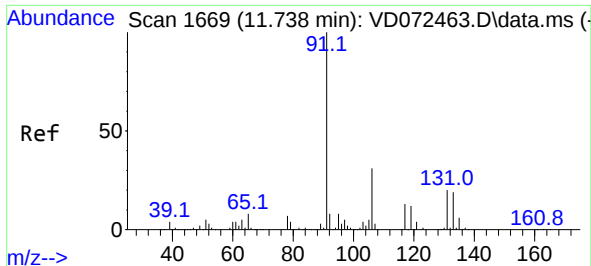
Tgt Ion:117 Resp: 383341
Ion Ratio Lower Upper
117 100
82 21.1 45.3 67.9#
119 33.0 26.6 40.0



#65
Chlorobenzene
Concen: 891.559 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:112 Resp: 7641151
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

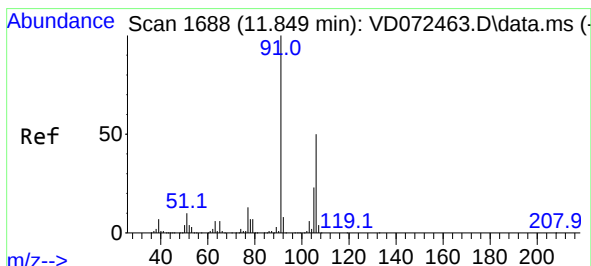
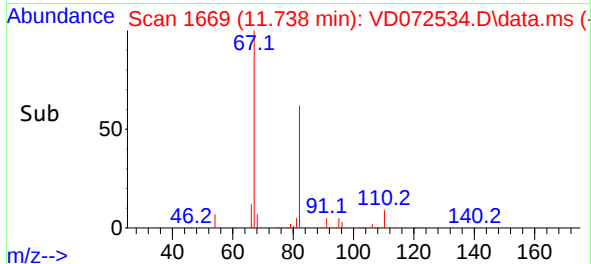
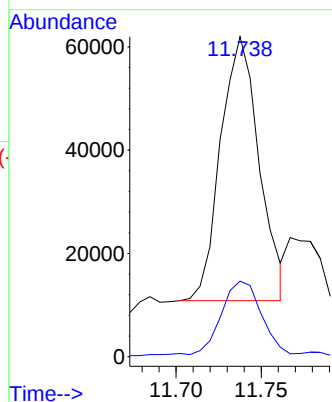
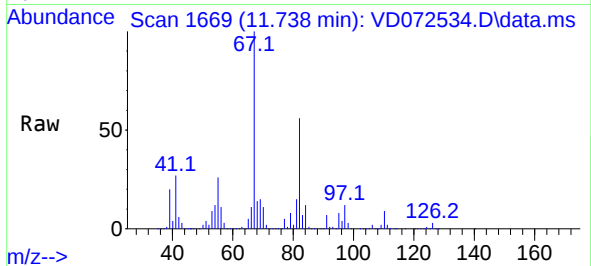




#67
Ethyl Benzene
Concen: 5.374 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

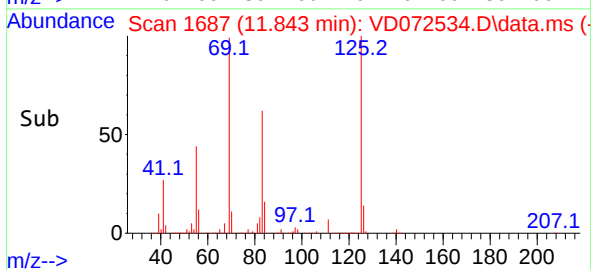
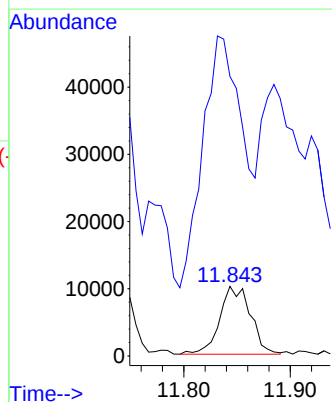
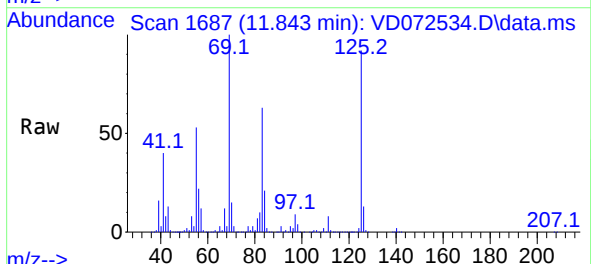
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

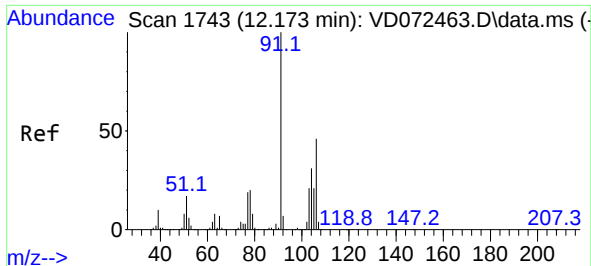
Tgt Ion: 91 Resp: 80370
Ion Ratio Lower Upper
91 100
106 27.4 24.2 36.4



#68
m/p-Xylenes
Concen: 3.588 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 106 Resp: 20359
Ion Ratio Lower Upper
106 100
91 482.0 163.7 245.5#

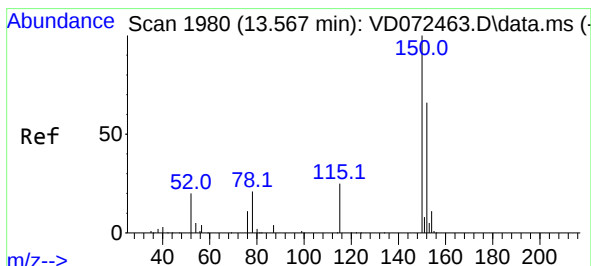
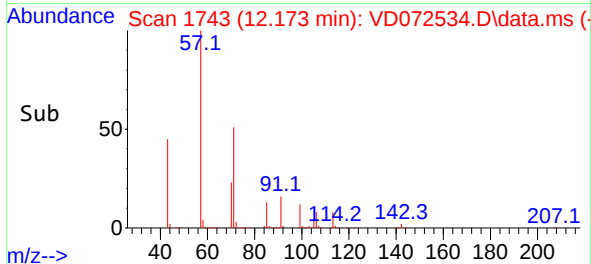
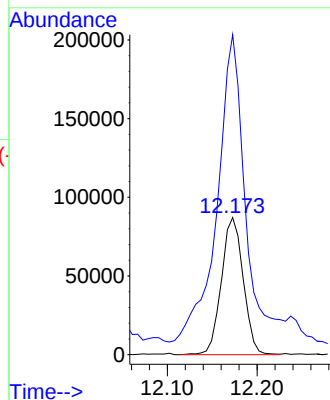
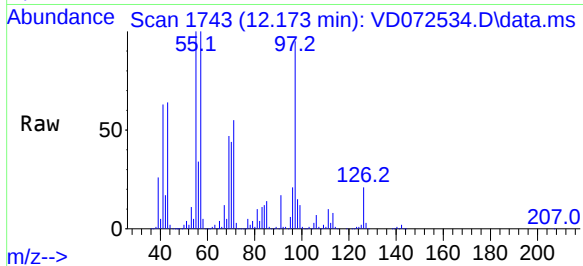




#69
o-Xylene
Concen: 26.891 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

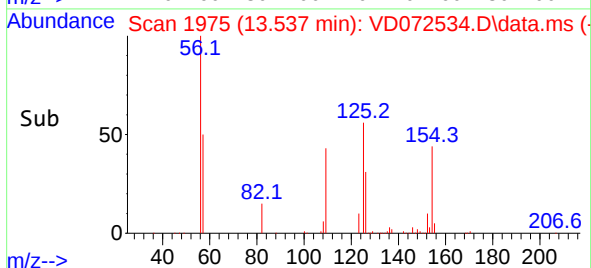
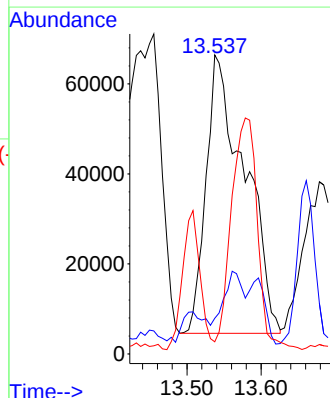
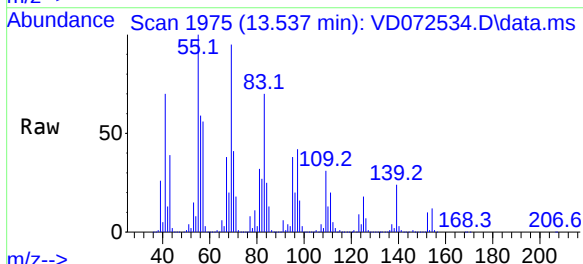
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

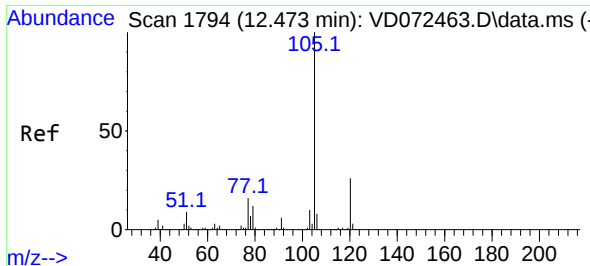
Tgt Ion:106 Resp: 147203
Ion Ratio Lower Upper
106 100
91 287.8 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.537 min Scan# 1975
Delta R.T. -0.030 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:152 Resp: 223827
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6

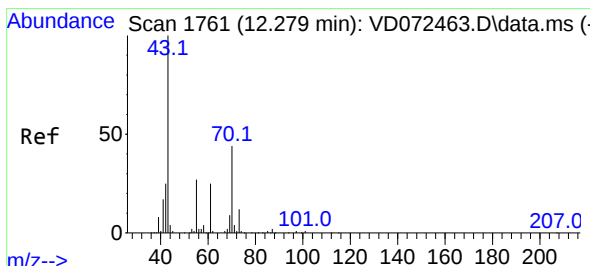
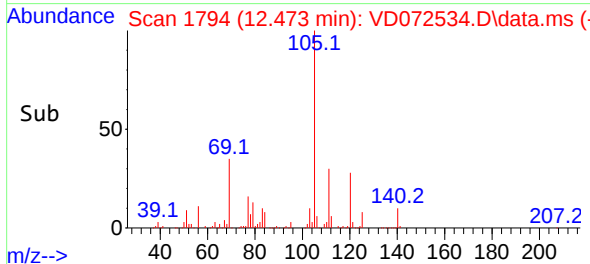
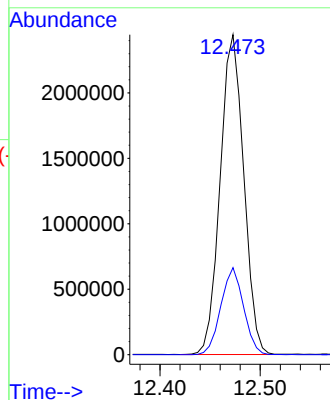
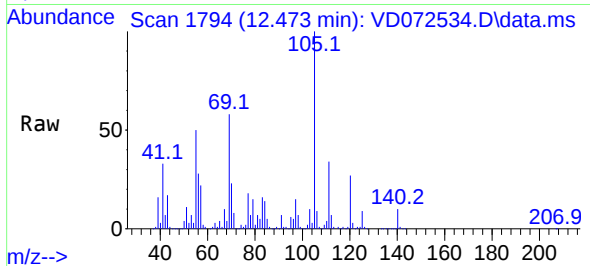




#73
Isopropylbenzene
Concen: 220.441 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

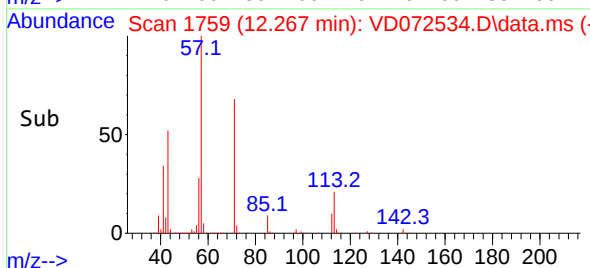
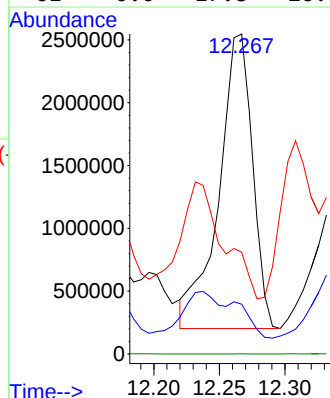
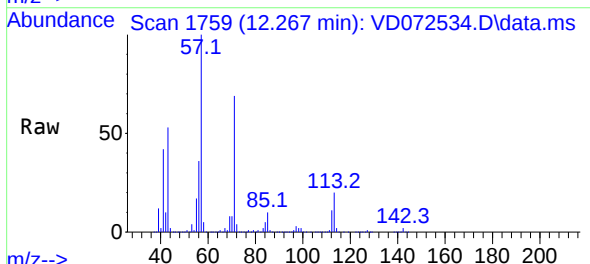
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

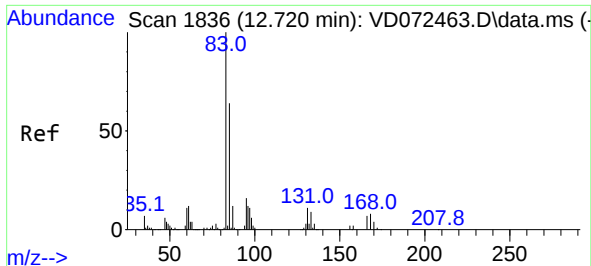
Tgt Ion:105 Resp: 3984790
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 1103.646 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 43 Resp: 4185918
Ion Ratio Lower Upper
43 100
70 0.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

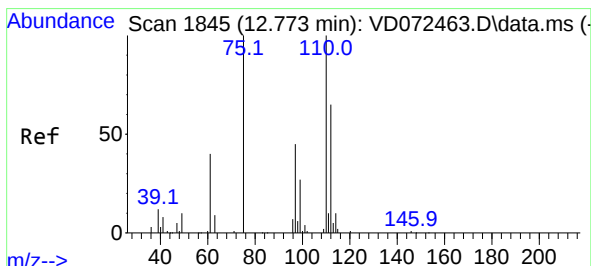
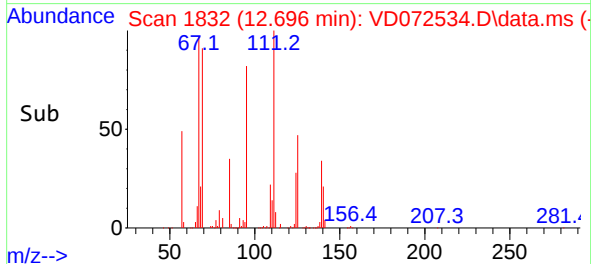
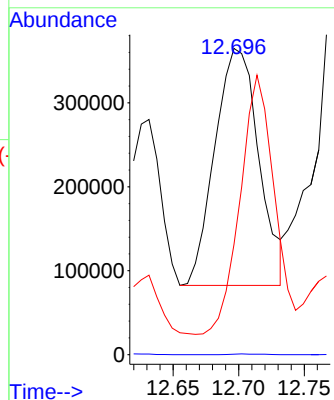
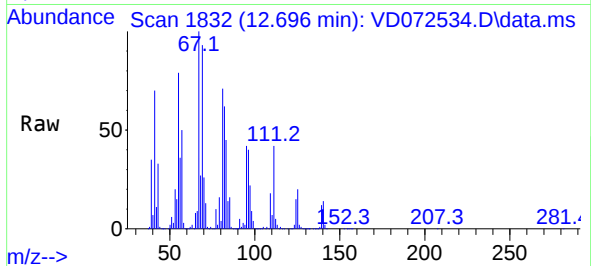




#75
1,1,2,2-Tetrachloroethane
Concen: 192.704 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.024 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

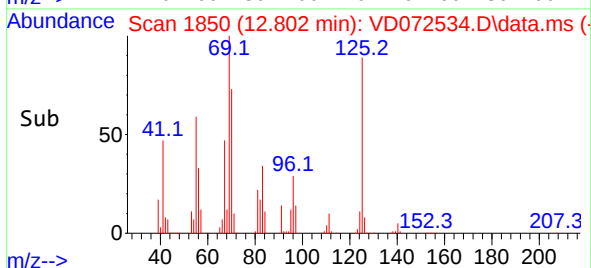
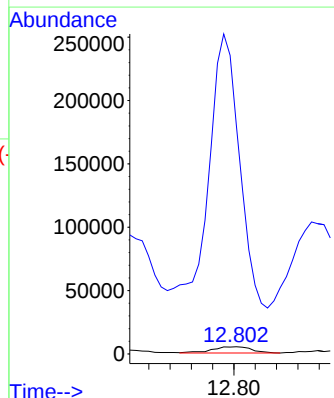
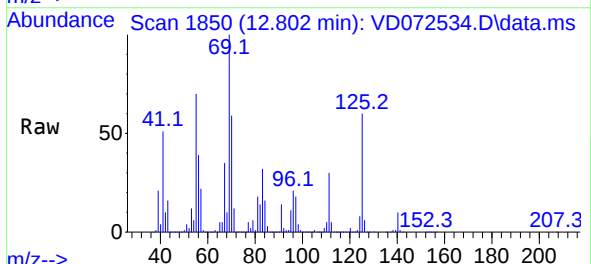
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

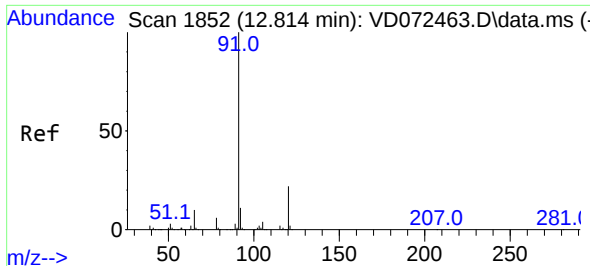
Tgt Ion: 83 Resp: 659800
Ion Ratio Lower Upper
83 100
131 0.2 5.0 14.9#
85 84.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 5.121 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. 0.029 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 75 Resp: 12501
Ion Ratio Lower Upper
75 100
77 3343.2 0.0 0.0#

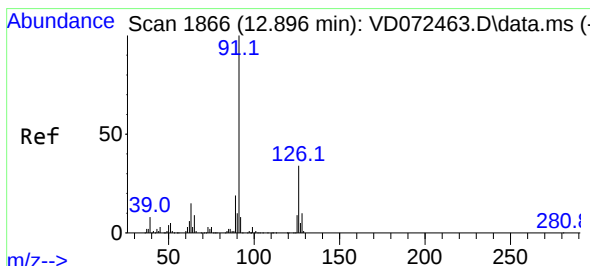
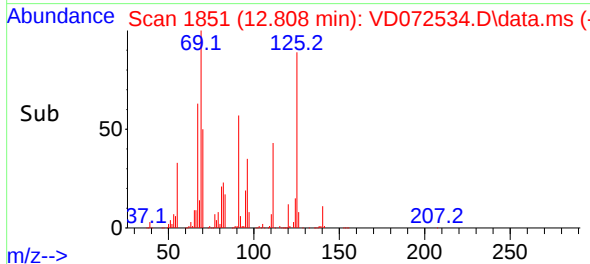
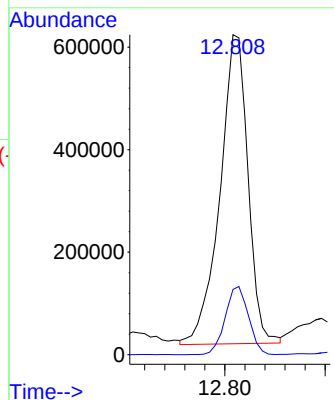
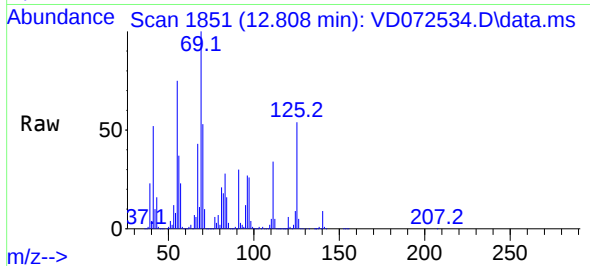




#78
n-propylbenzene
Concen: 53.623 ug/l
RT: 12.808 min Scan# 1169358
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

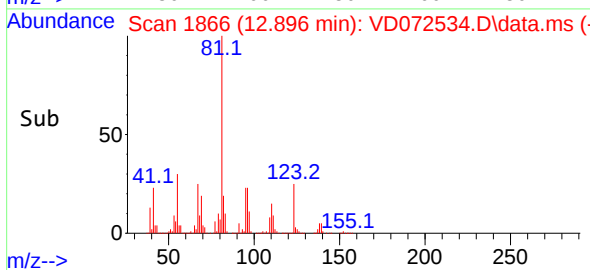
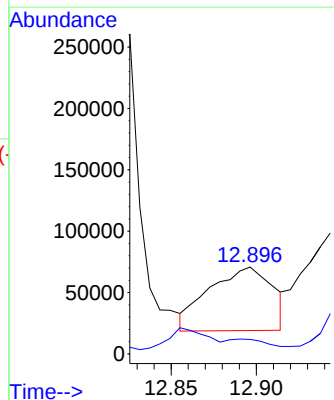
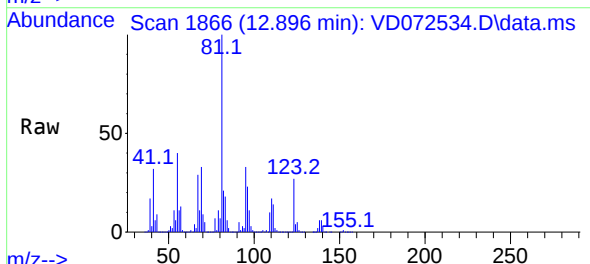
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

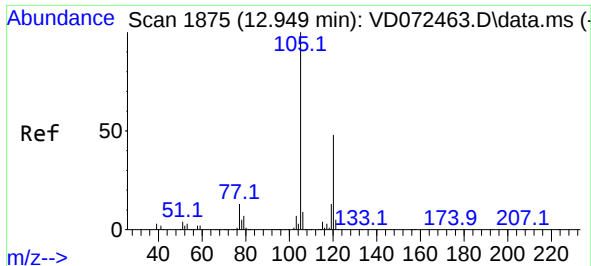
Tgt Ion: 91 Resp: 1169358
Ion Ratio Lower Upper
91 100
120 18.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 10.539 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 91 Resp: 134401
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

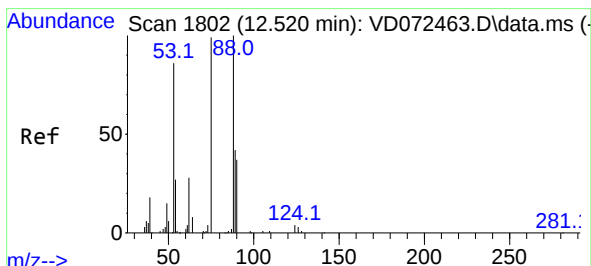
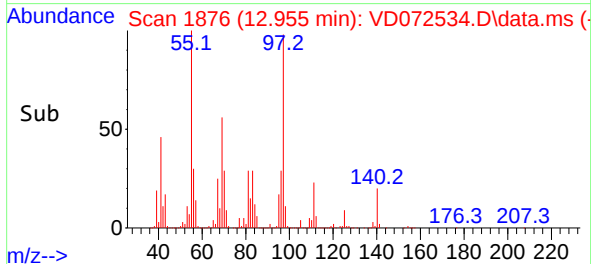
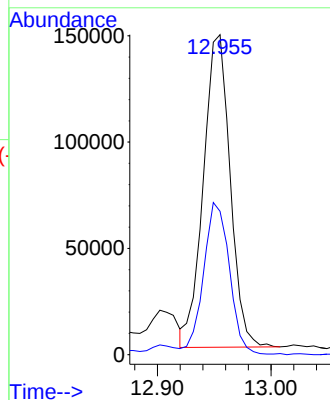
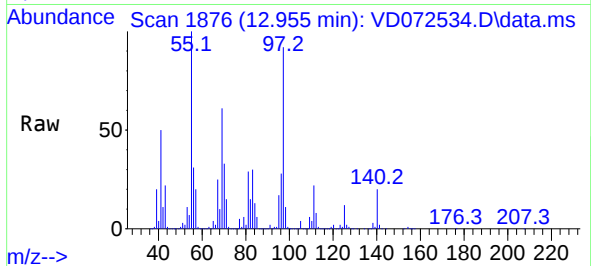




#80
1,3,5-Trimethylbenzene
Concen: 15.570 ug/l
RT: 12.955 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

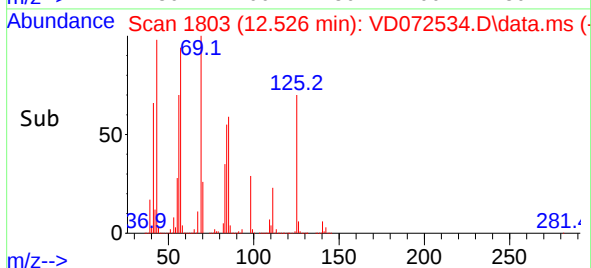
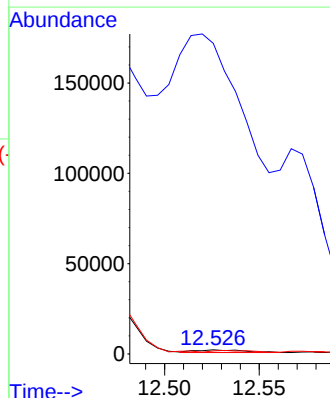
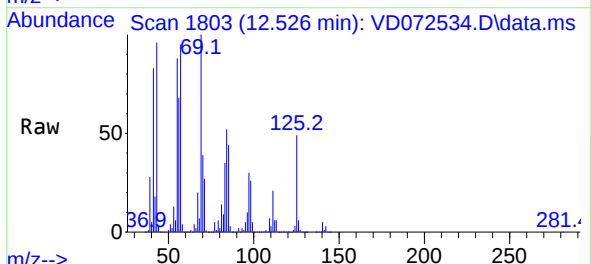
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

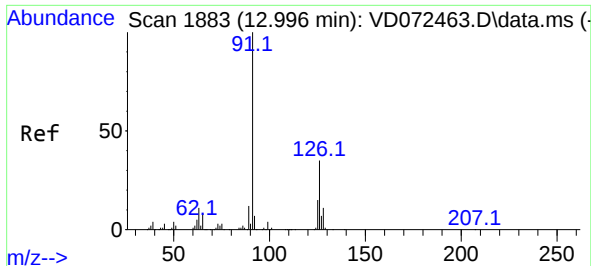
Tgt Ion:105 Resp: 241047
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 2.666 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 75 Resp: 2652
Ion Ratio Lower Upper
75 100
53 6346.7 86.5 129.7#
89 0.0 33.9 50.9#

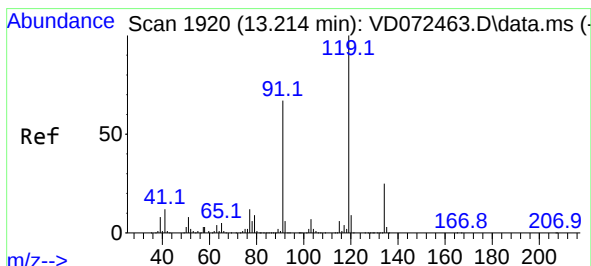
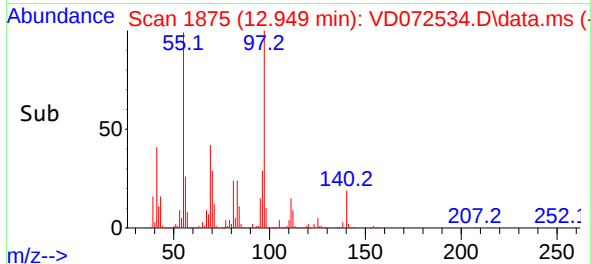
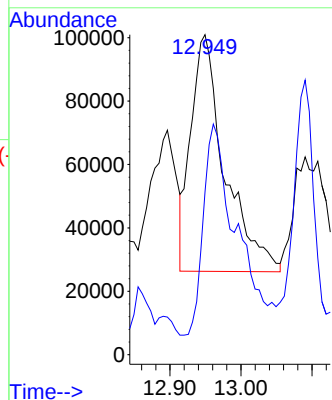
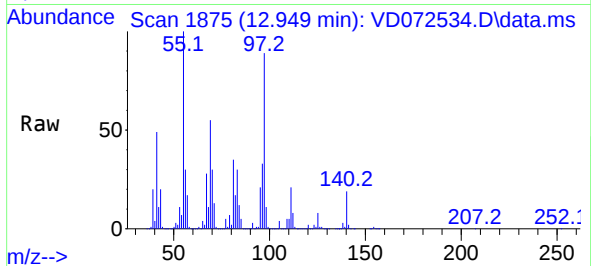




#82
4-Chlorotoluene
Concen: 18.672 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

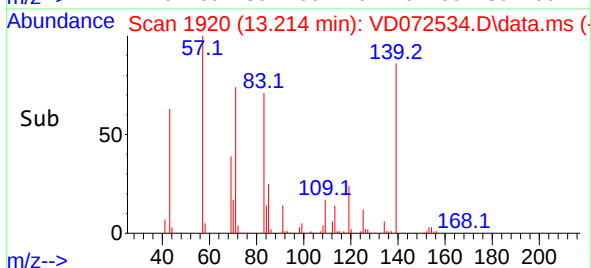
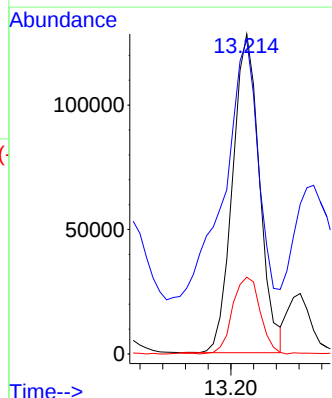
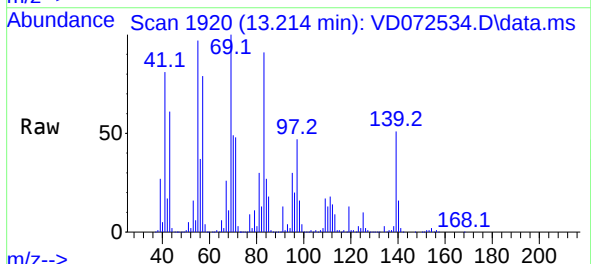
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

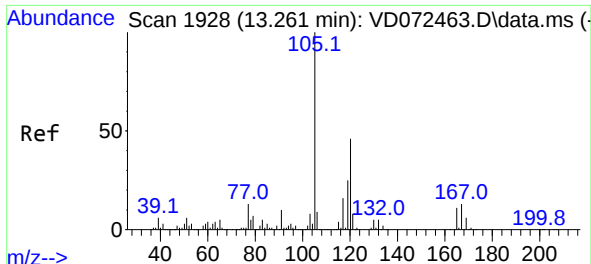
Tgt Ion: 91 Resp: 248000
Ion Ratio Lower Upper
91 100
126 87.8 16.5 49.5#



#83
tert-Butylbenzene
Concen: 15.765 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 119 Resp: 211296
Ion Ratio Lower Upper
119 100
91 100.6 34.8 104.5
134 24.7 13.3 39.9

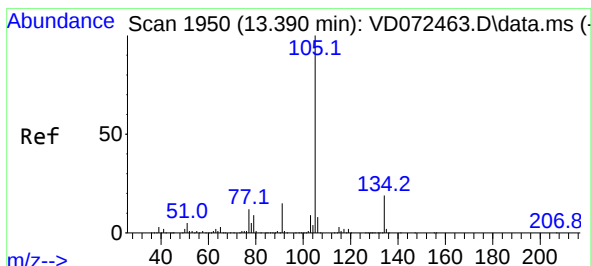
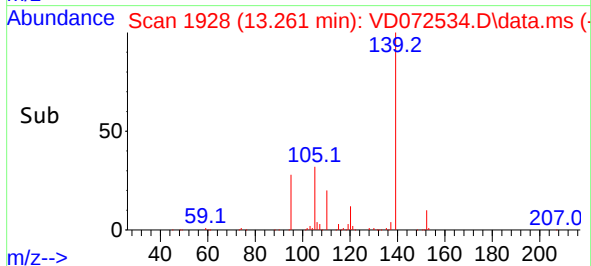
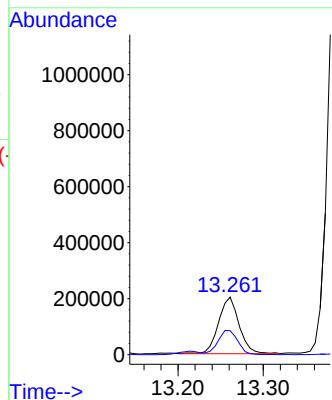
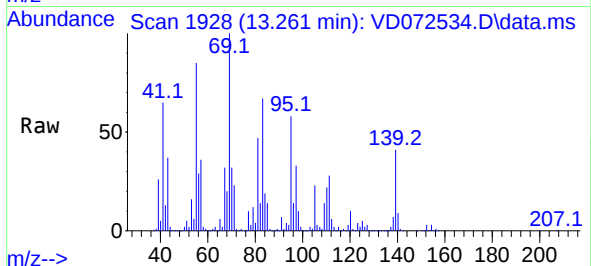




#84
1,2,4-Trimethylbenzene
Concen: 22.399 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

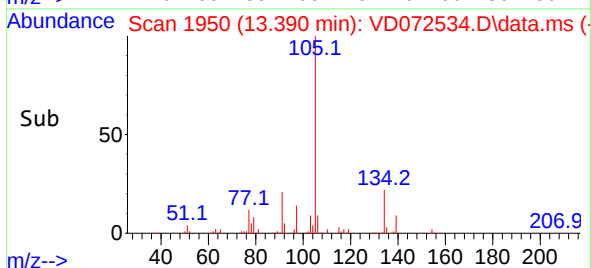
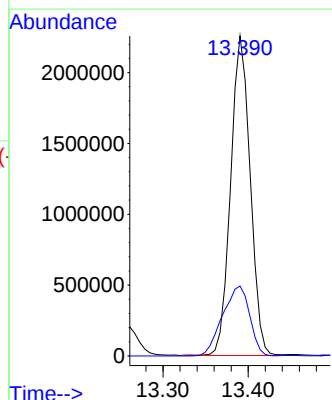
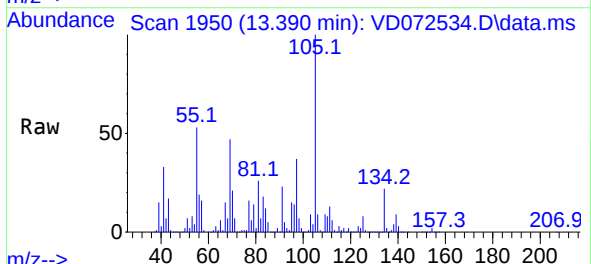
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

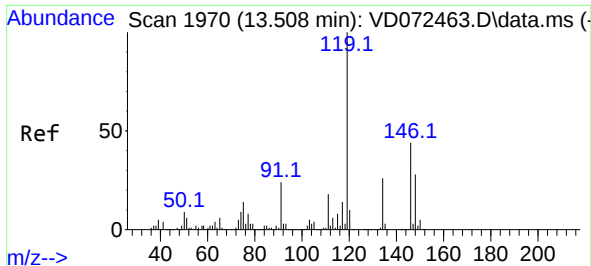
Tgt Ion:105 Resp: 339089
Ion Ratio Lower Upper
105 100
120 40.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 177.850 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:105 Resp: 3590453
Ion Ratio Lower Upper
105 100
134 30.3 9.8 29.3#

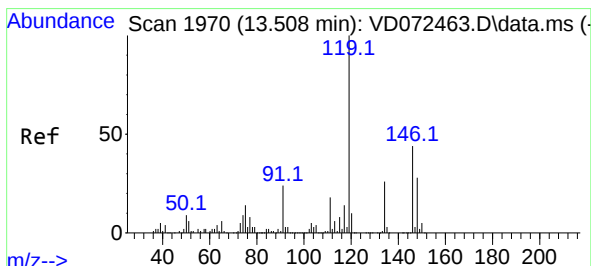
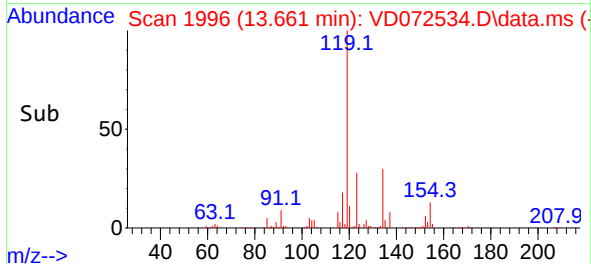
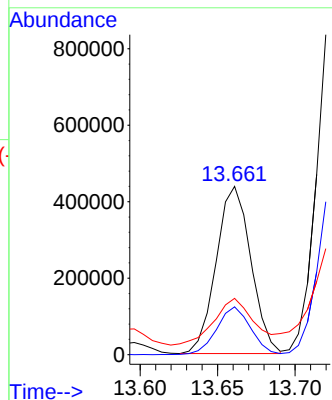
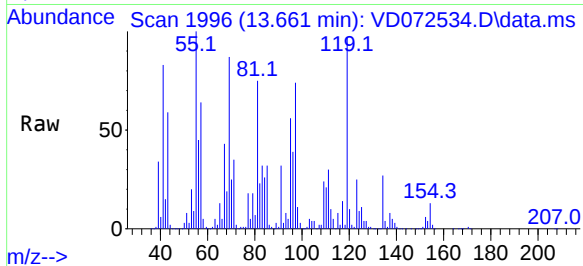




#86
p-Isopropyltoluene
Concen: 41.236 ug/l
RT: 13.661 min Scan# 1996
Delta R.T. 0.153 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

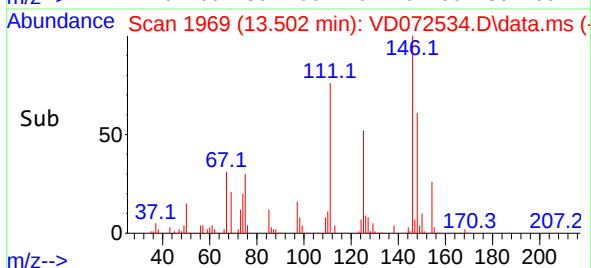
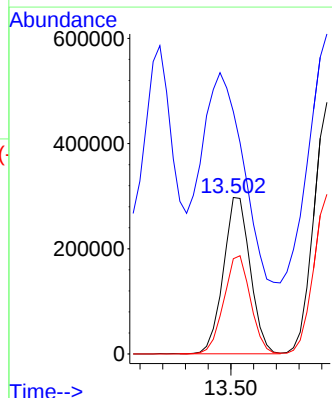
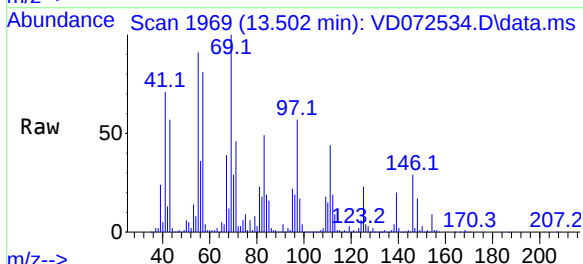
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

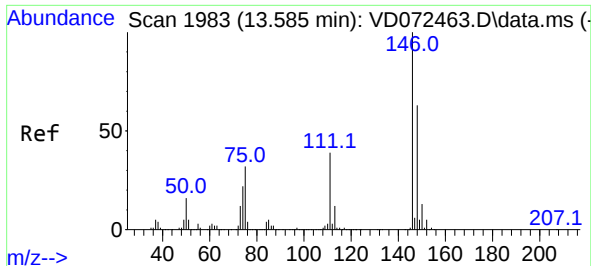
Tgt Ion:119 Resp: 680456
Ion Ratio Lower Upper
119 100
134 27.9 12.9 38.6
91 31.1 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 58.145 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:146 Resp: 488156
Ion Ratio Lower Upper
146 100
111 203.1 20.4 61.3#
148 62.8 31.9 95.7

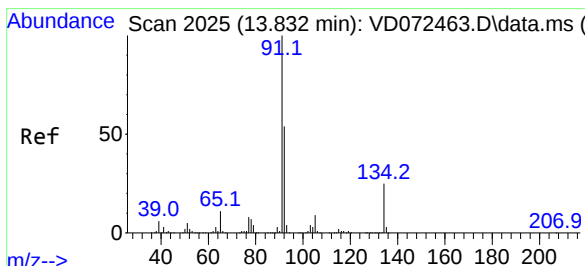
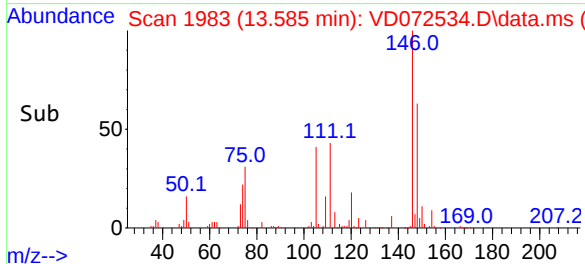
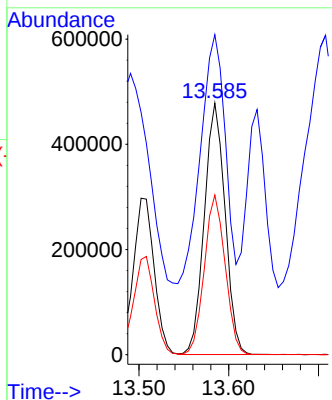
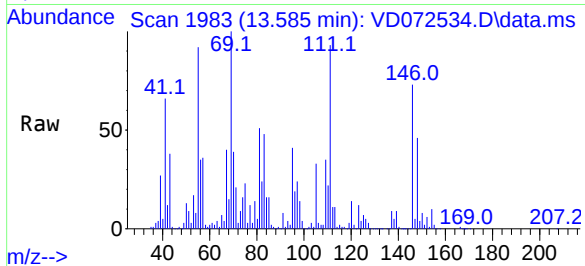




#88
1,4-Dichlorobenzene
Concen: 91.006 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

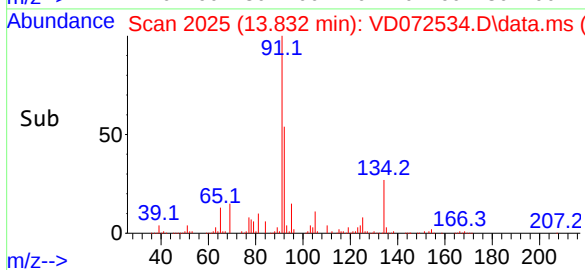
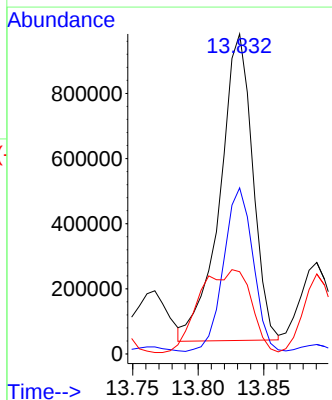
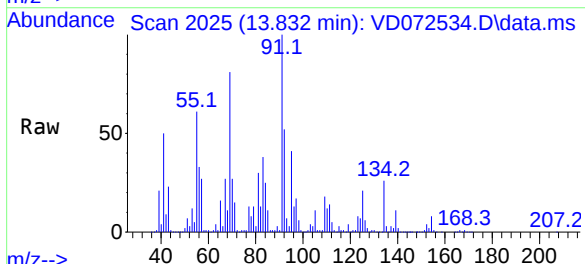
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

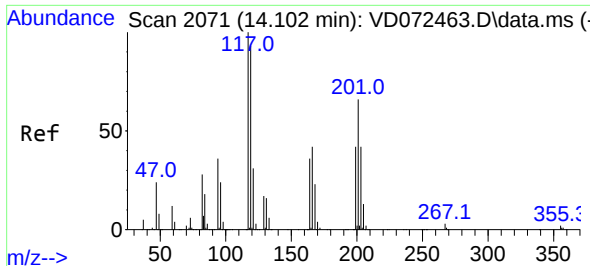
Tgt Ion:146 Resp: 770062
Ion Ratio Lower Upper
146 100
111 115.0 20.3 60.9#
148 63.5 31.7 95.1



#89
n-Butylbenzene
Concen: 104.080 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion: 91 Resp: 1636088
Ion Ratio Lower Upper
91 100
92 48.7 26.6 79.8
134 42.7 12.3 36.9#

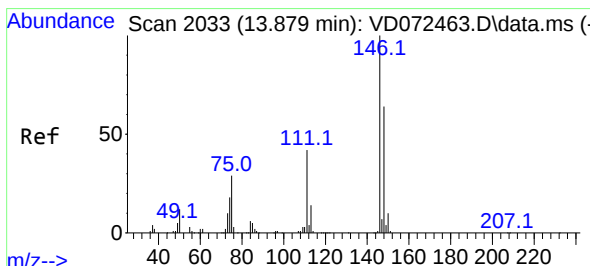
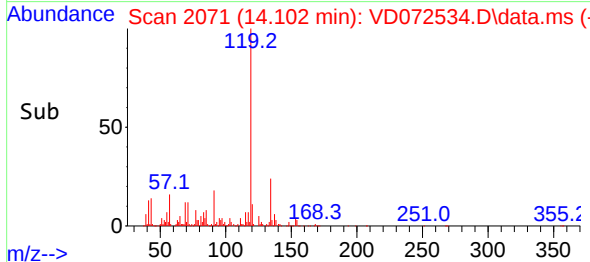
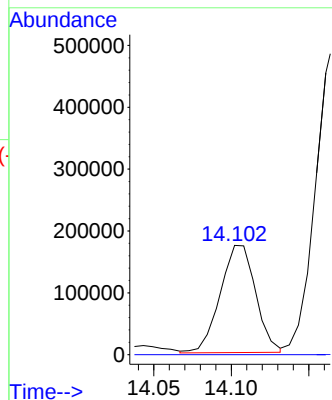
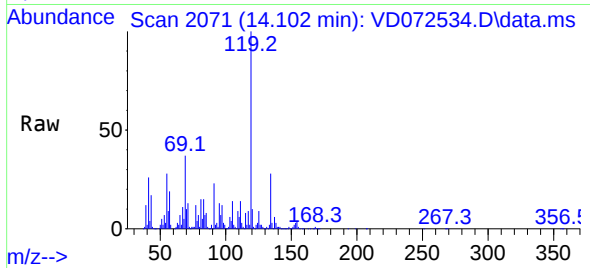




#90
Hexachloroethane
Concen: 81.612 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

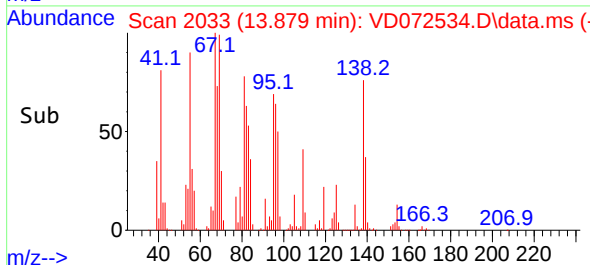
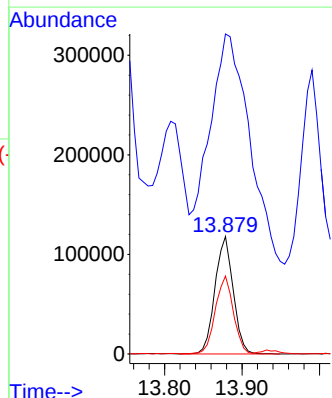
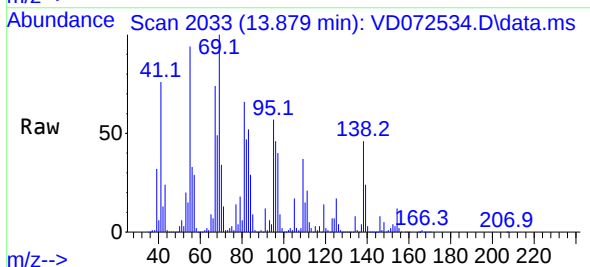
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

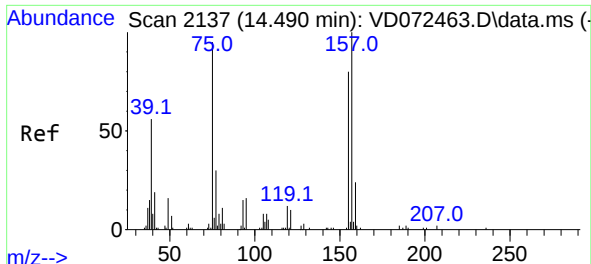
Tgt Ion:117 Resp: 275690
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#91
1,2-Dichlorobenzene
Concen: 26.042 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:146 Resp: 192839
Ion Ratio Lower Upper
146 100
111 425.9 21.1 63.3#
148 65.3 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.808 ug/l

RT: 14.502 min Scan# 2139

Delta R.T. 0.012 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-10

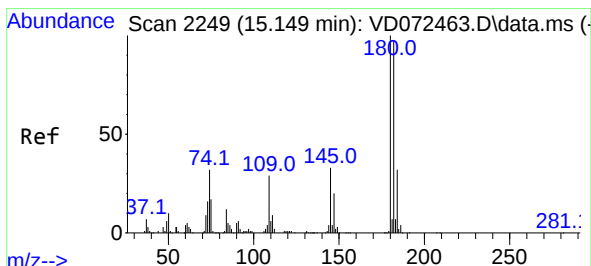
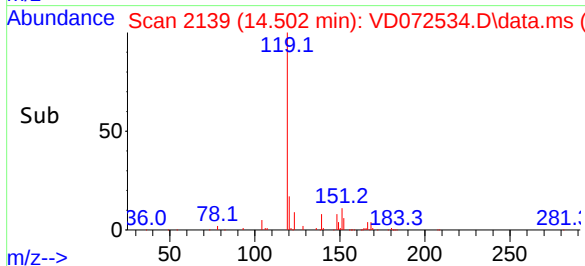
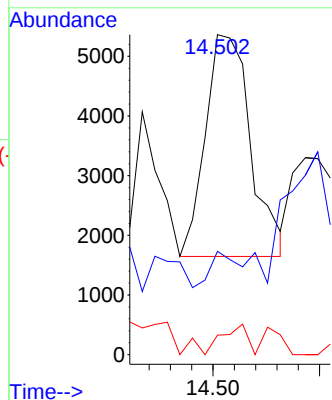
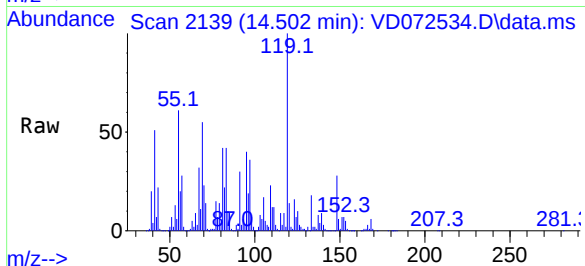
Tgt Ion: 75 Resp: 5473

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 7.6 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 3.161 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.006 min

Lab File: VD072534.D

Acq: 05 Apr 2022 14:48

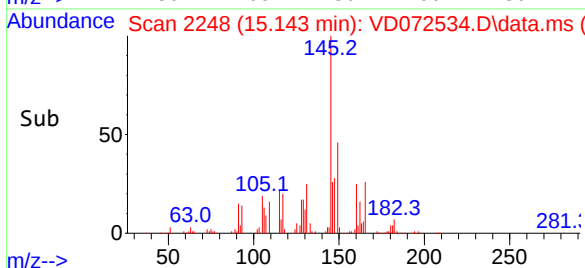
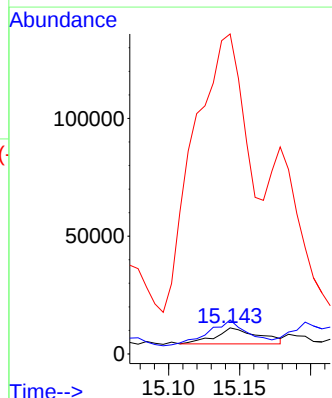
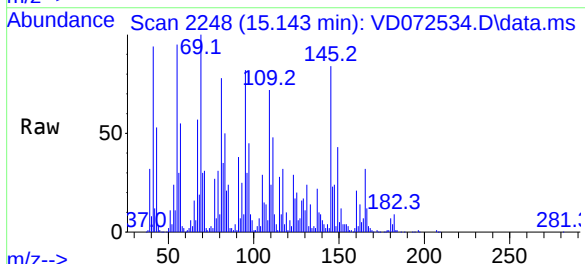
Tgt Ion: 180 Resp: 14509

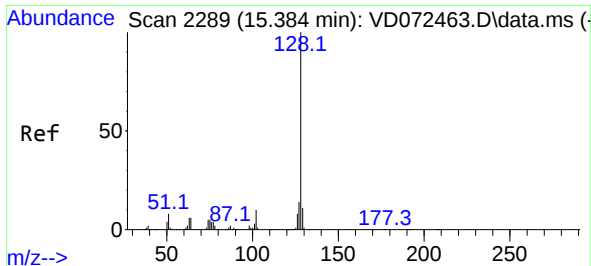
Ion Ratio Lower Upper

180 100

182 151.7 47.3 142.0#

145 2656.1 16.2 48.5#

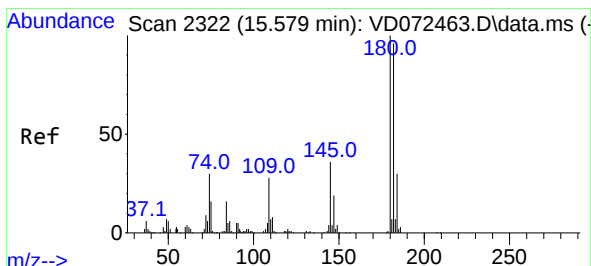
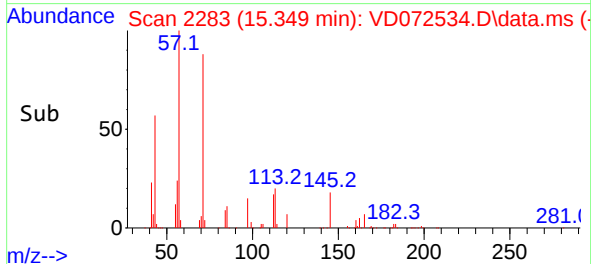
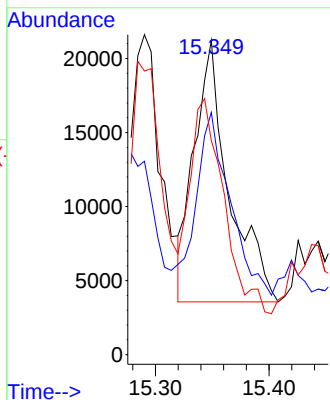
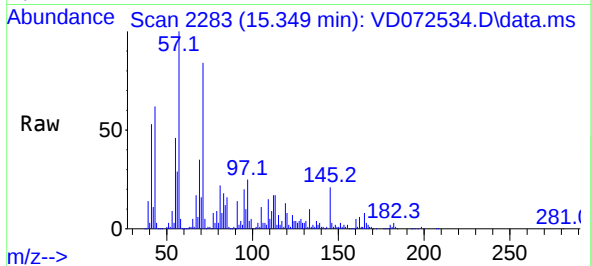




#95
Naphthalene
Concen: 4.215 ug/l
RT: 15.349 min Scan# 21
Delta R.T. -0.035 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-10

Tgt Ion:128 Resp: 37591
Ion Ratio Lower Upper
128 100
127 68.2 10.3 15.5#
129 80.5 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.825 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.018 min
Lab File: VD072534.D
Acq: 05 Apr 2022 14:48

Tgt Ion:180 Resp: 11317
Ion Ratio Lower Upper
180 100
182 26.2 47.6 142.9#
145 0.0 17.1 51.3#

