

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022509.D
 Acq On : 12 Apr 2022 15:58
 Operator : SY/VA
 Sample : N2316-24MSD
 Misc : 6.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNS0MSD

Quant Time: Apr 12 23:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	424636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	413604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	228464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	135522	14.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.760%
7) Chloroethane-d5	2.891	69	102190	17.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.480%
11) 1,1-Dichloroethene-d2	4.025	63	211837	17.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.074	46	87103	53.147	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.300%
24) Chloroform-d	7.653	84	278422	20.977	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.305	65	155758	20.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.160%
32) Benzene-d6	8.275	84	479297	18.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.880%
36) 1,2-Dichloropropane-d6	9.274	67	151255	20.684	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.720%
41) Toluene-d8	10.323	98	456595	18.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.579	79	68609	19.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.520%
47) 2-Hexanone-d5	10.920	63	75710	55.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	159953	25.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.847	152	185322	22.901	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	59552	28.609	ug/L	99
3) Chloromethane	2.221	50	89601	17.265	ug/L	95
5) Vinyl chloride	2.367	62	211688	19.548	ug/L	91
6) Bromomethane	2.776	94	124420	18.900	ug/L	96
8) Chloroethane	2.922	64	102629	21.647	ug/L	98
9) Trichlorofluoromethane	3.257	101	91537	22.895	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	142805	22.431	ug/L	95
12) 1,1-Dichloroethene	4.037	96	132928	23.249	ug/L	92
13) Acetone	4.123	43	108756	97.462	ug/L	99
14) Carbon disulfide	4.385	76	387490	20.601	ug/L	97
15) Methyl Acetate	4.678	43	65505	23.393	ug/L	93
16) Methylene chloride	4.921	84	145686	22.800	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	149021	22.250	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	258354	23.619	ug/L	96
19) 1,1-Dichloroethane	6.220	63	263647	21.573	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	169468	23.957	ug/L #	86
22) 2-Butanone	7.171	43	101225	60.062	ug/L	95
23) Bromochloromethane	7.519	128	75486	24.795	ug/L	90
25) Chloroform	7.677	83	295202	22.934	ug/L	96

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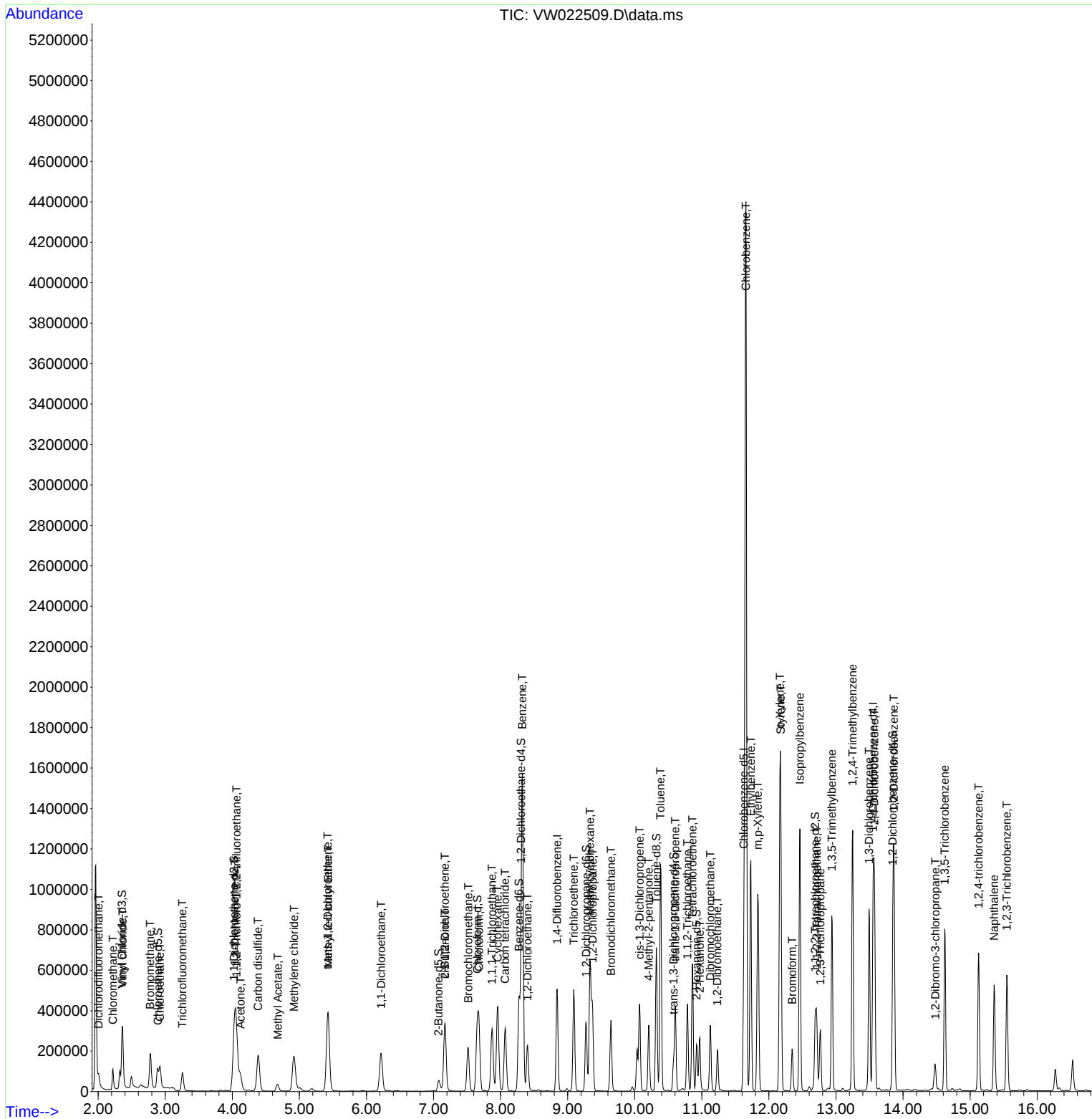
Quant Time: Apr 12 23:33:29 2022
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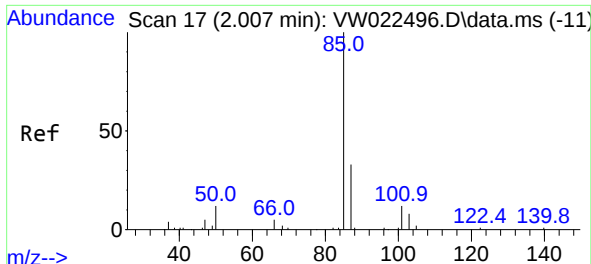
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	202657	22.401	ug/L	98
29) Cyclohexane	7.957	56	228231	19.280	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	248812	21.686	ug/L	97
31) Carbon tetrachloride	8.067	117	227678	22.110	ug/L	99
33) Benzene	8.323	78	1479902	52.701	ug/L	100
34) Trichloroethene	9.091	95	168945	22.470	ug/L	97
35) Methylcyclohexane	9.335	83	269704	19.993	ug/L	95
37) 1,2-Dichloropropane	9.372	63	146362	21.757	ug/L	98
38) Bromodichloromethane	9.646	83	219630	22.703	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	243527	22.813	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	205358	50.020	ug/L	97
42) Toluene	10.384	91	812559	25.252	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	221043	23.126	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	127148	24.765	ug/L	94
46) Tetrachloroethene	10.859	164	128133	23.184	ug/L	91
48) 2-Hexanone	10.969	43	163963	56.610	ug/L	97
49) Dibromochloromethane	11.128	129	156384	25.540	ug/L	96
50) 1,2-Dibromoethane	11.231	107	127441	25.138	ug/L	98
51) Chlorobenzene	11.658	112	2307752	117.362	ug/L	95
52) Ethylbenzene	11.731	91	797323	22.106	ug/L	92
53) m,p-Xylene	11.835	106	319795	23.319	ug/L	90
54) o-Xylene	12.164	106	309738	23.635	ug/L	94
55) Styrene	12.176	104	517381	23.108	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	159710	25.344	ug/L	97
59) Bromoform	12.347	173	86860	25.586	ug/L	99
60) Isopropylbenzene	12.463	105	839669	22.125	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119263	24.540	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	467880	22.417	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	702273	22.127	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	353771	22.968	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	350198	22.798	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	340108	24.691	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	36729	32.586	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	231640	23.050	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	197026	23.345	ug/L	96
71) Naphthalene	15.359	128	439759	24.704	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	168924	23.416	ug/L	95

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

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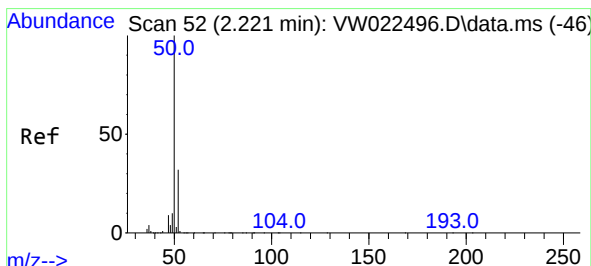
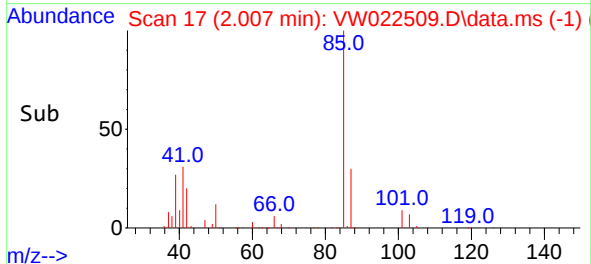
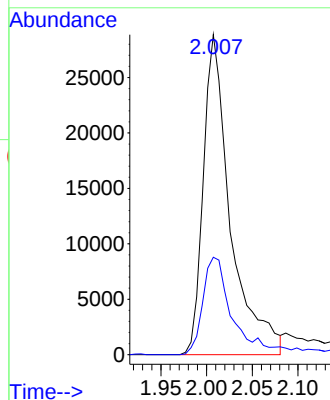
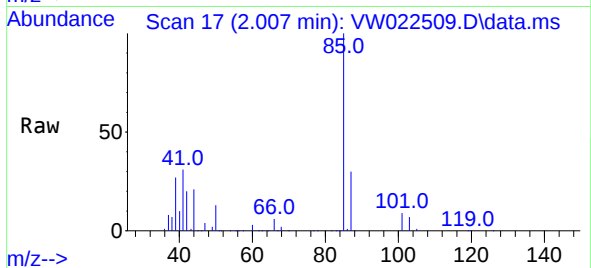




#2
Dichlorodifluoromethane
Concen: 28.609 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

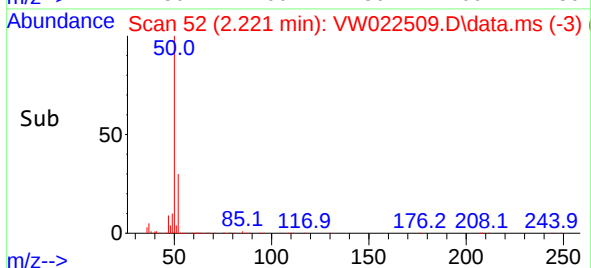
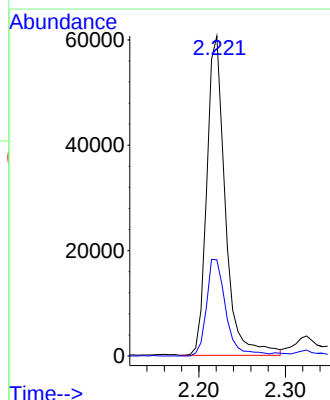
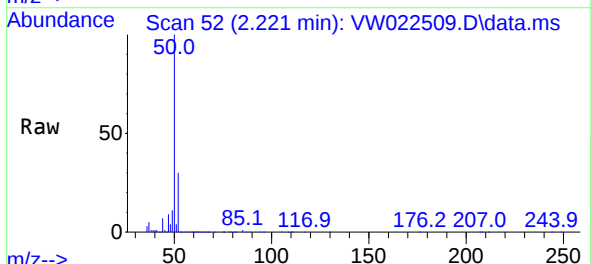
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

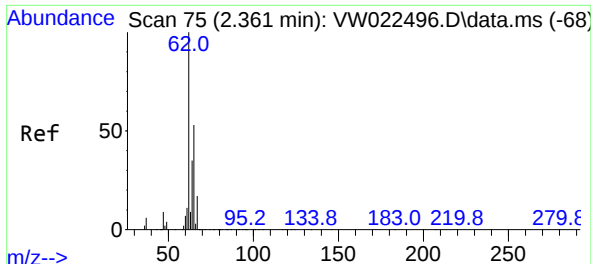
Tgt Ion: 85 Resp: 59552
Ion Ratio Lower Upper
85 100
87 30.0 23.7 35.5



#3
Chloromethane
Concen: 17.265 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 50 Resp: 89601
Ion Ratio Lower Upper
50 100
52 30.0 23.0 42.6

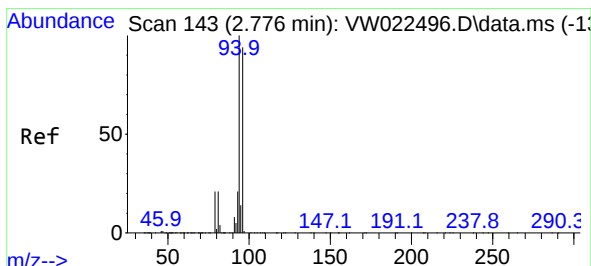
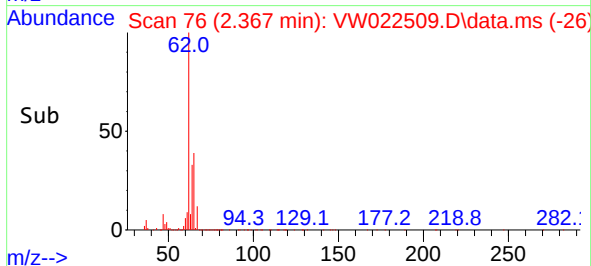
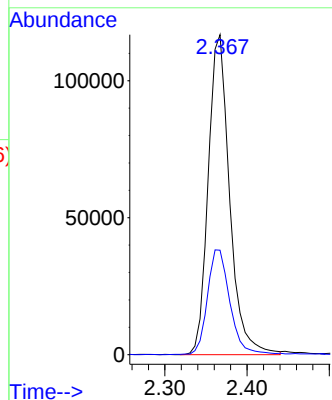
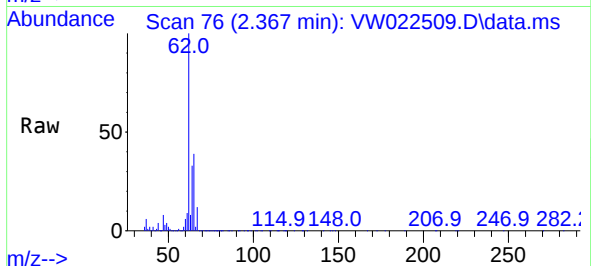




#5
 Vinyl chloride
 Concen: 19.548 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022509.D
 Acq: 12 Apr 2022 15:58

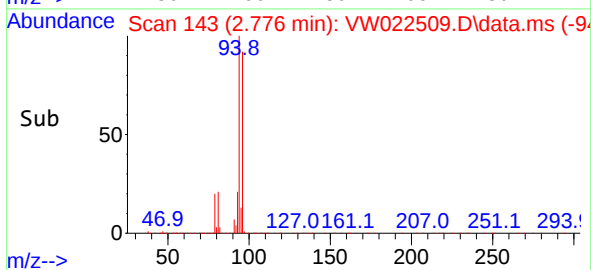
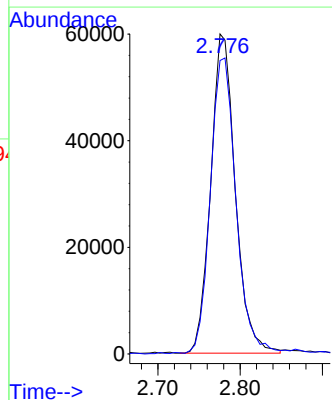
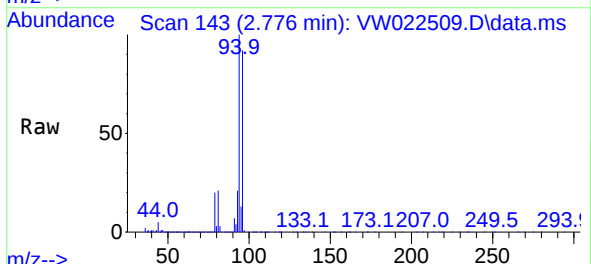
Instrument :
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 ClientSampleId :
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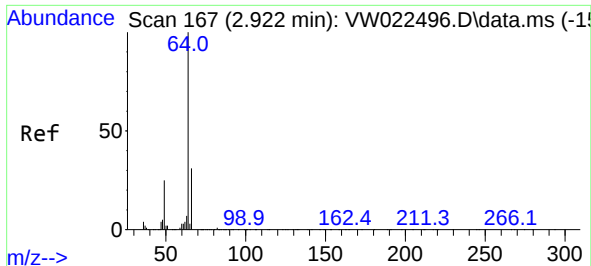
Tgt Ion: 62 Resp: 211688
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.5 49.3



#6
 Bromomethane
 Concen: 18.900 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022509.D
 Acq: 12 Apr 2022 15:58

Tgt Ion: 94 Resp: 124420
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.6 123.6

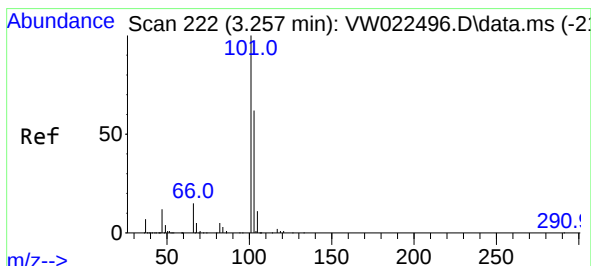
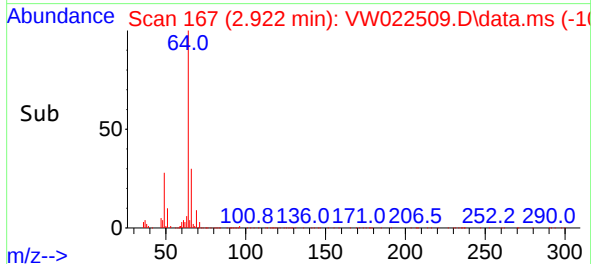
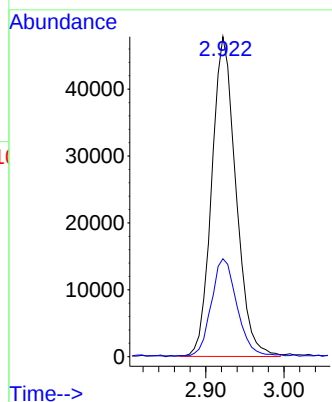
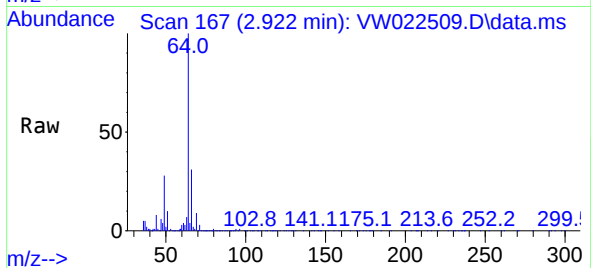




#8
Chloroethane
Concen: 21.647 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

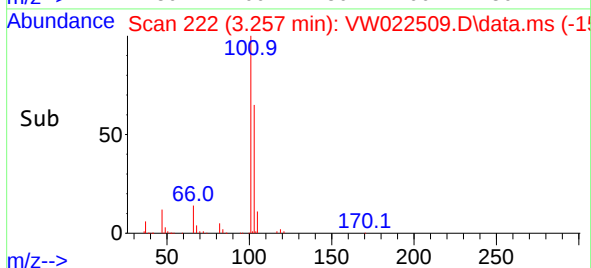
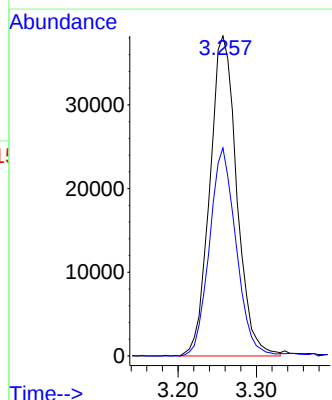
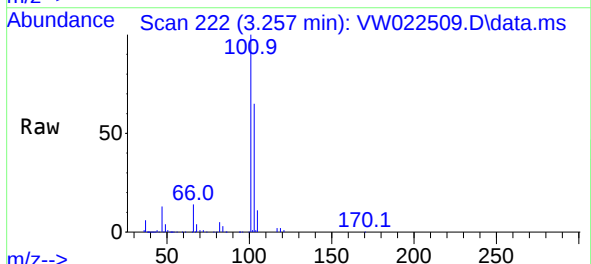
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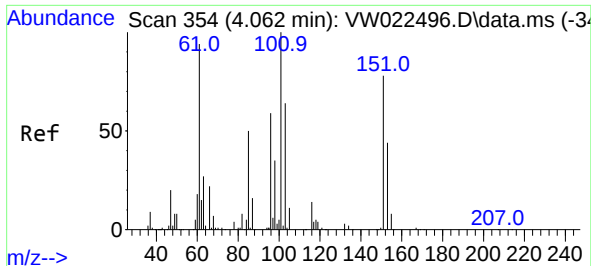
Tgt Ion: 64 Resp: 102629
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.895 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 101 Resp: 91537
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

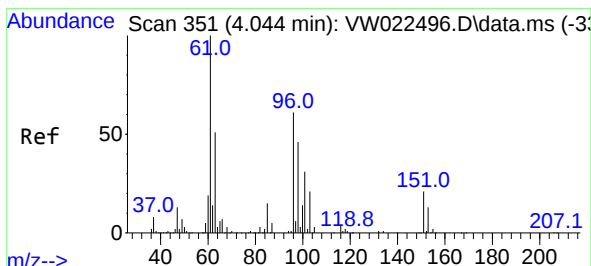
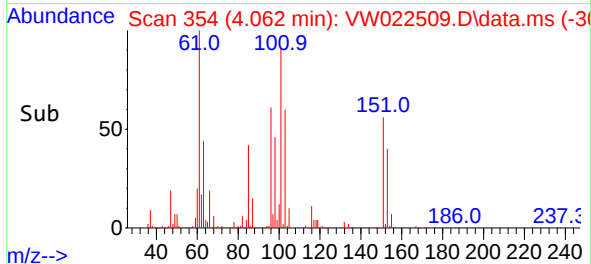
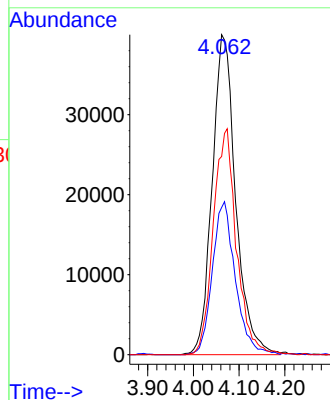
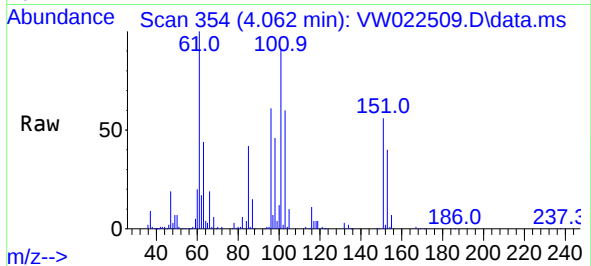




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.431 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022509.D
 Acq: 12 Apr 2022 15:58

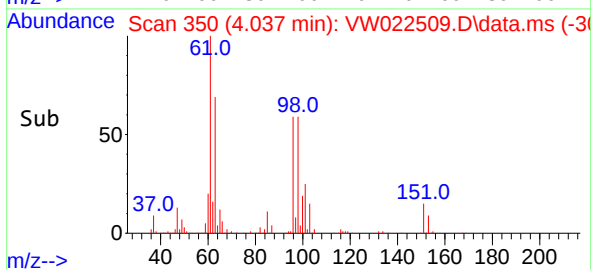
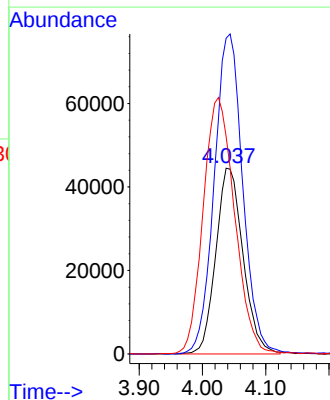
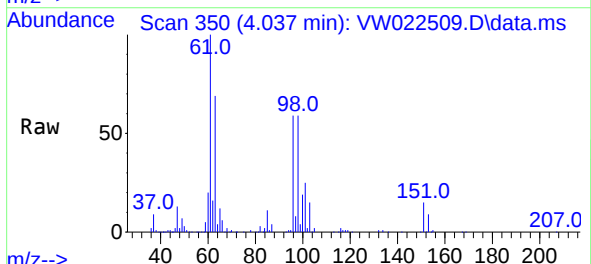
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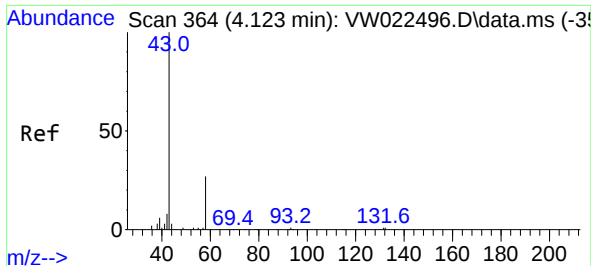
Tgt Ion:101 Resp: 142805
 Ion Ratio Lower Upper
 101 100
 85 46.1 39.2 58.8
 151 69.4 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 23.249 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022509.D
 Acq: 12 Apr 2022 15:58

Tgt Ion: 96 Resp: 132928
 Ion Ratio Lower Upper
 96 100
 61 169.9 128.0 237.6
 63 117.0 86.6 160.8

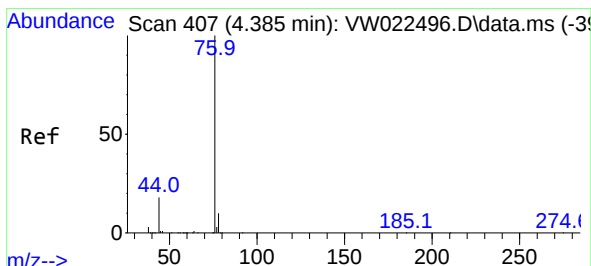
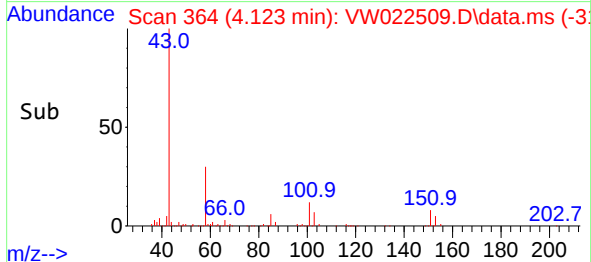
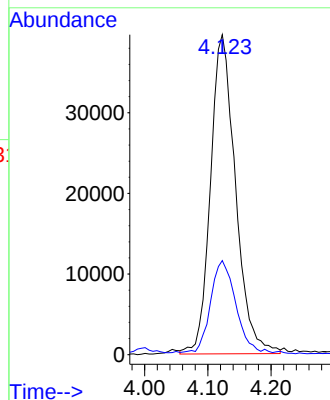
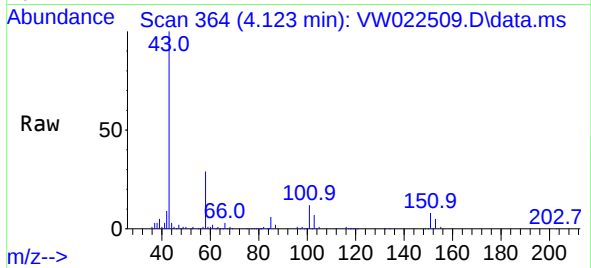




#13
Acetone
Concen: 97.462 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022509.D
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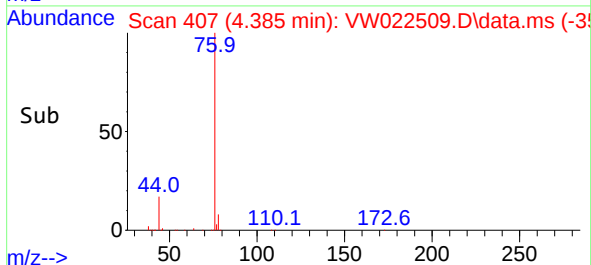
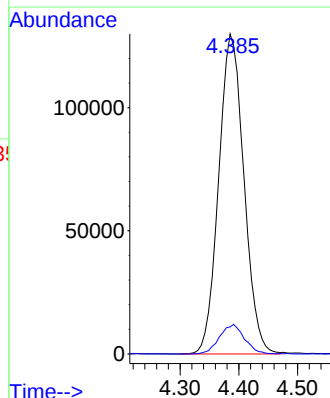
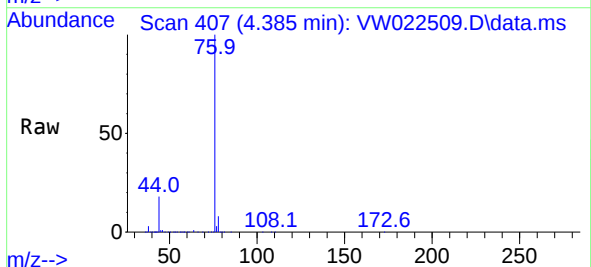
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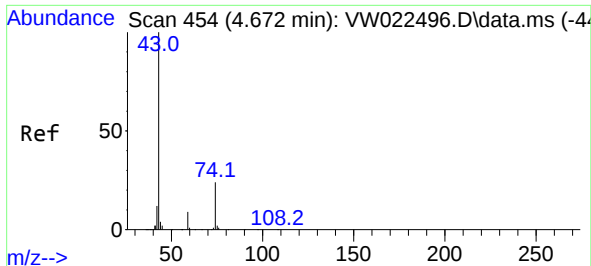
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.0



#14
Carbon disulfide
Concen: 20.601 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 76 Resp: 387490
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

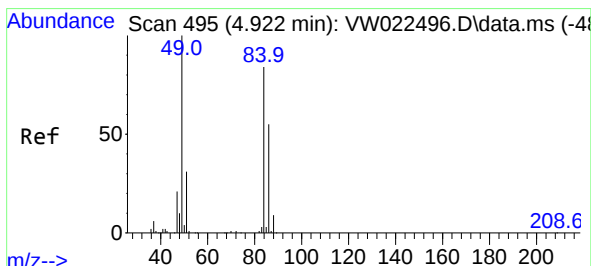
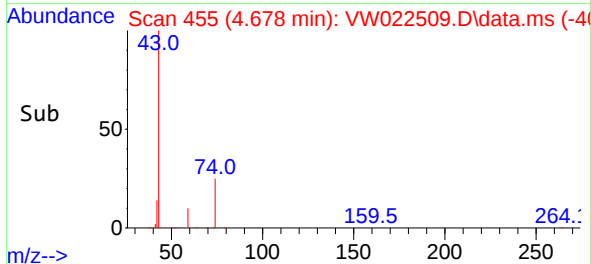
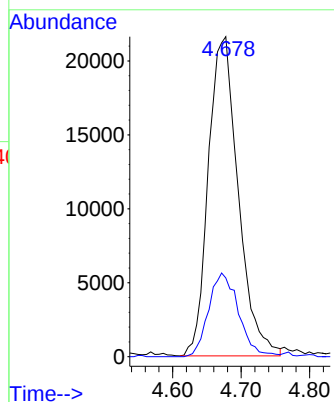
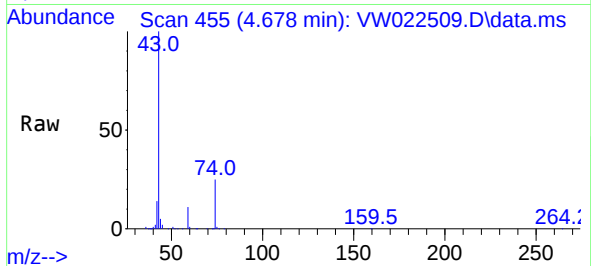




#15
Methyl Acetate
Concen: 23.393 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

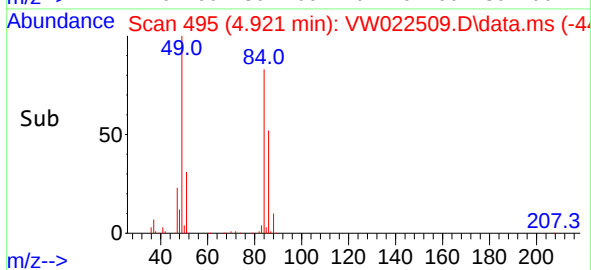
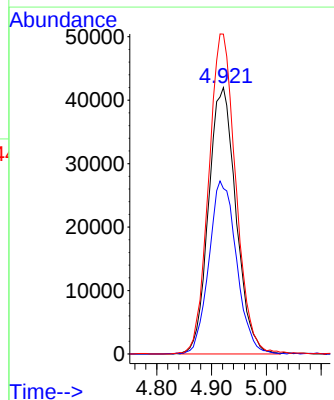
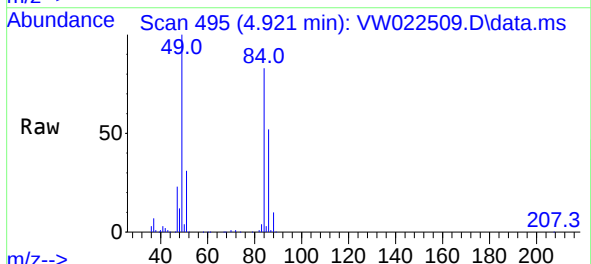
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

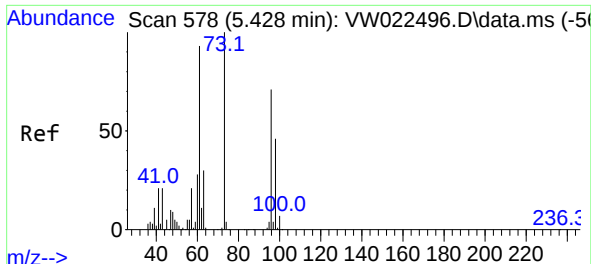
Tgt Ion: 43 Resp: 65505
Ion Ratio Lower Upper
43 100
74 26.3 18.5 27.7



#16
Methylene chloride
Concen: 22.800 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 84 Resp: 145686
Ion Ratio Lower Upper
84 100
86 62.1 42.8 79.4
49 120.1 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 22.250 ug/L

RT: 5.421 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MSD

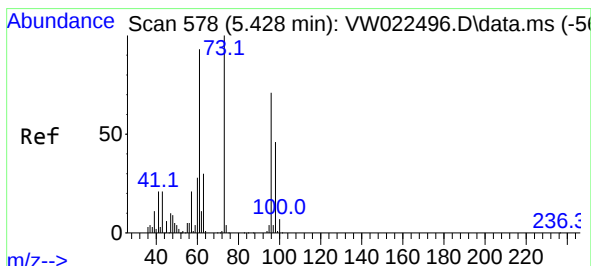
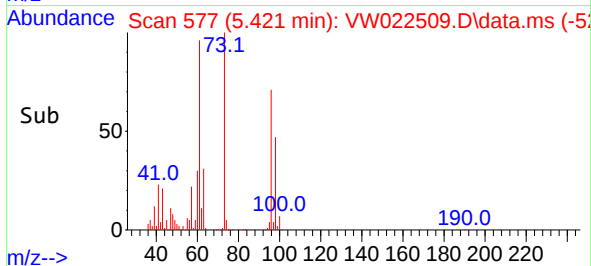
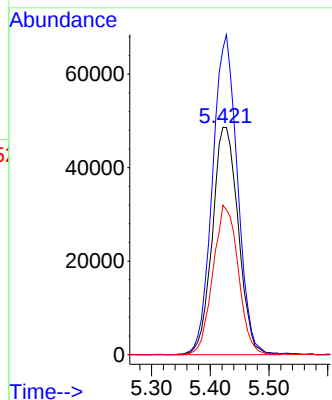
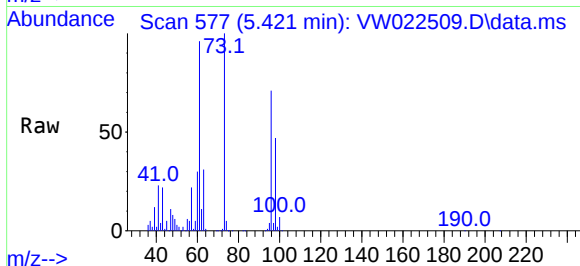
Tgt Ion: 96 Resp: 149021

Ion Ratio Lower Upper

96 100

61 134.7 99.8 185.4

98 65.8 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 23.619 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

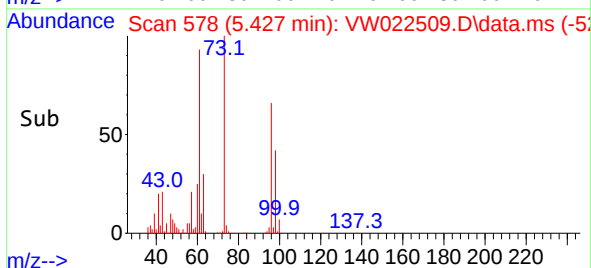
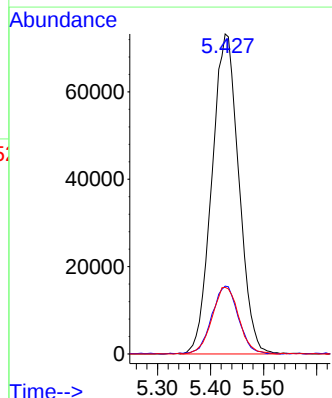
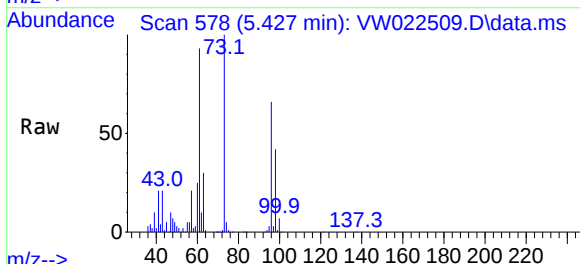
Tgt Ion: 73 Resp: 258354

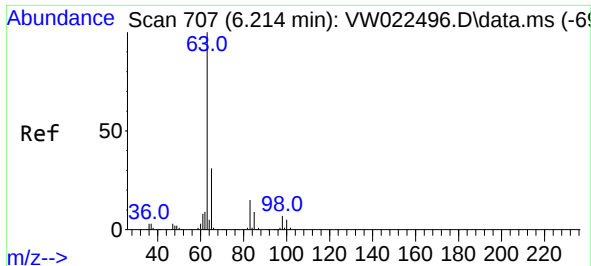
Ion Ratio Lower Upper

73 100

43 20.7 18.8 28.2

57 20.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 21.573 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MSD

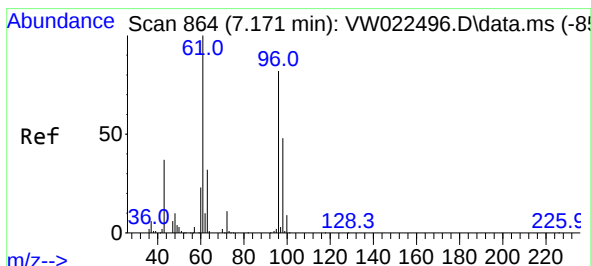
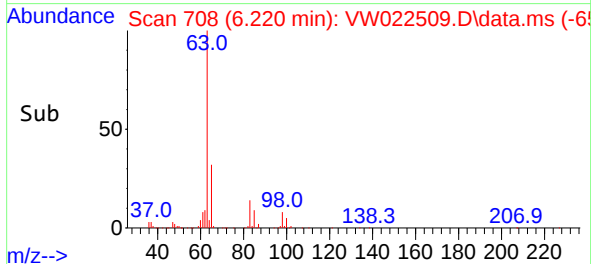
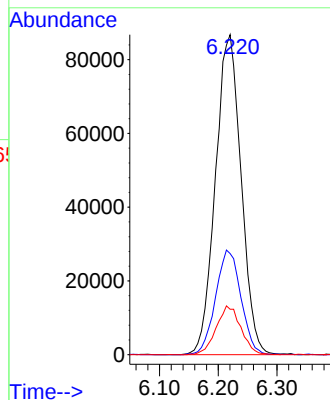
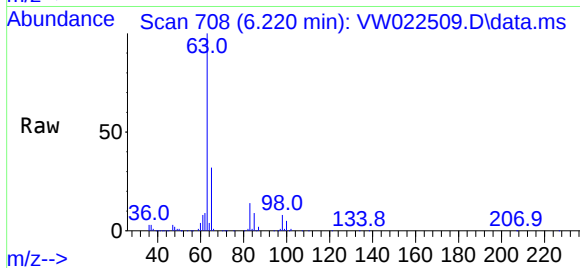
Tgt Ion: 63 Resp: 263647

Ion Ratio Lower Upper

63 100

65 31.6 21.1 39.3

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 23.957 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

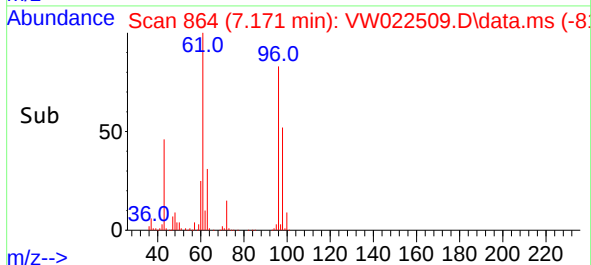
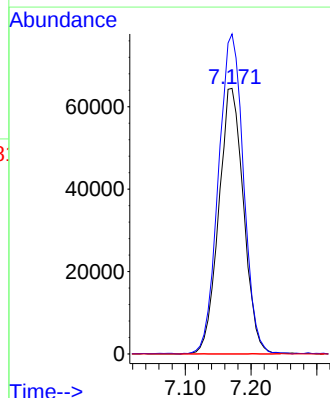
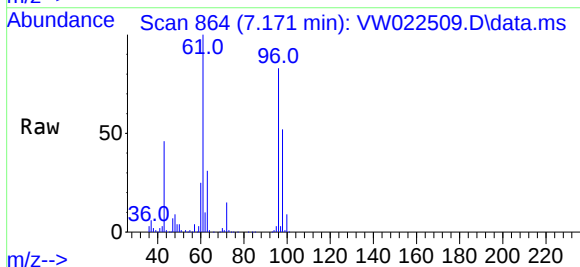
Tgt Ion: 96 Resp: 169468

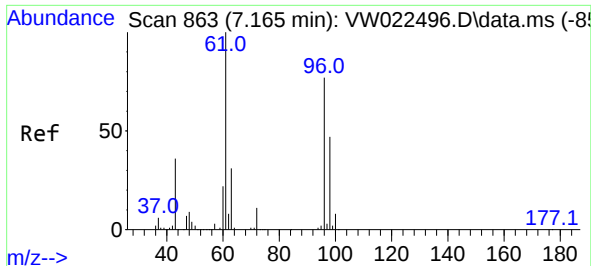
Ion Ratio Lower Upper

96 100

61 120.5 96.4 179.0

68 0.1 0.1 0.3

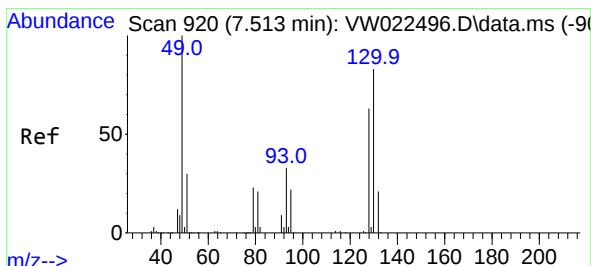
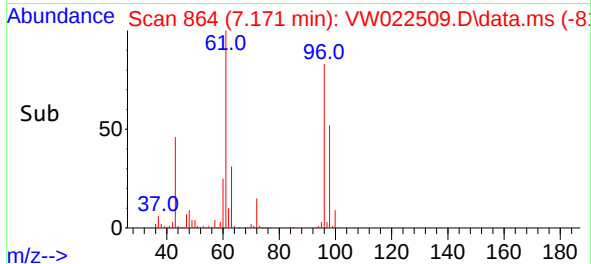
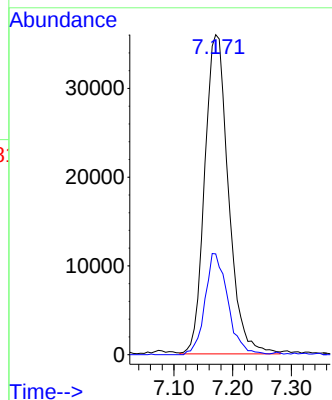
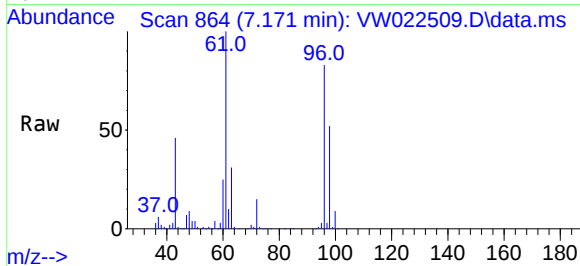




#22
2-Butanone
Concen: 60.062 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

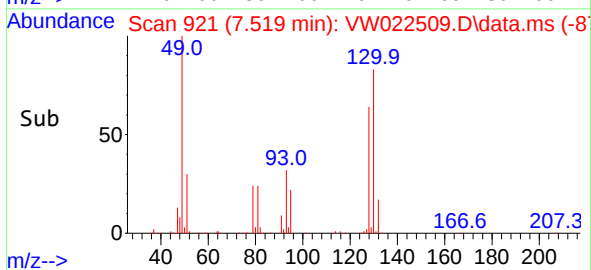
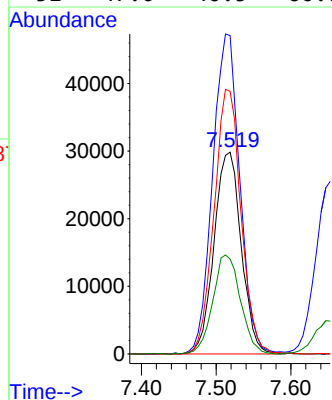
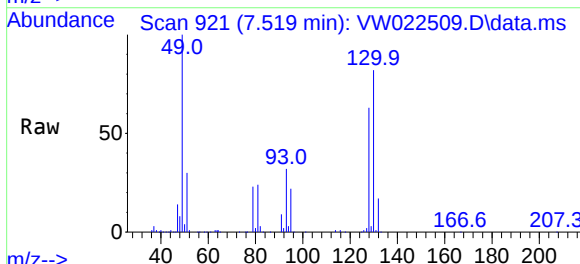
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

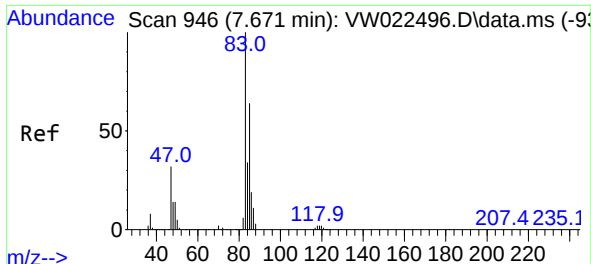
Tgt Ion: 43 Resp: 101225
Ion Ratio Lower Upper
43 100
72 30.5 14.0 42.0



#23
Bromochloromethane
Concen: 24.795 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 128 Resp: 75486
Ion Ratio Lower Upper
128 100
49 157.8 120.8 224.3
130 130.1 81.8 151.8
51 47.0 40.5 60.7





#25

Chloroform

Concen: 22.934 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

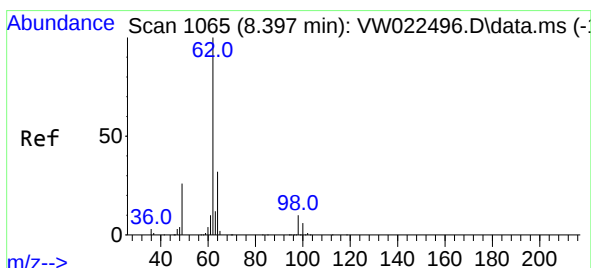
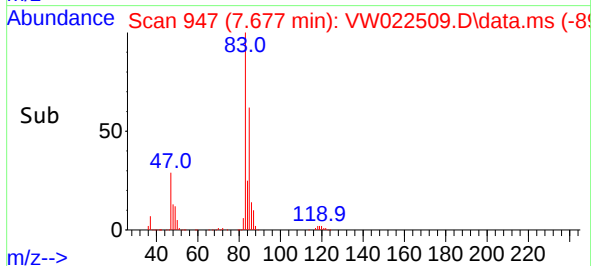
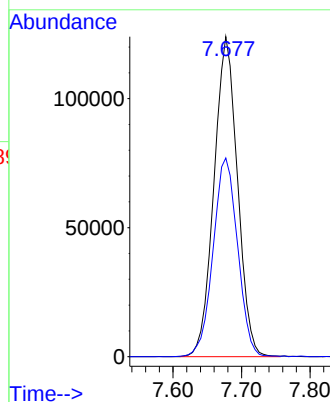
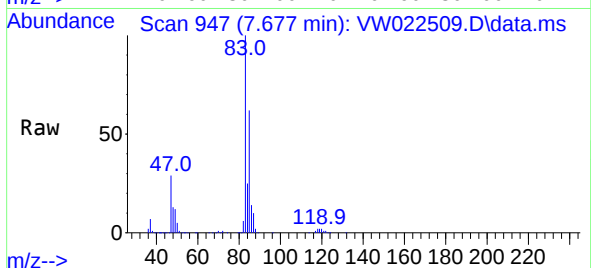
ETNS0MSD

Tgt Ion: 83 Resp: 295202

Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 22.401 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022509.D

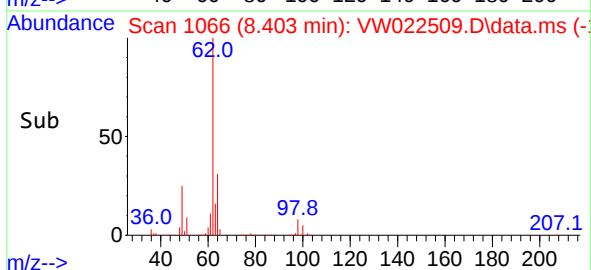
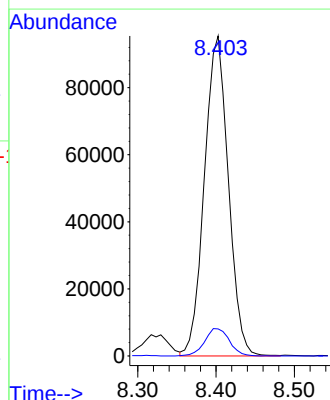
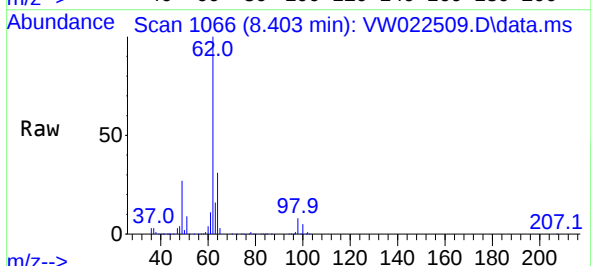
Acq: 12 Apr 2022 15:58

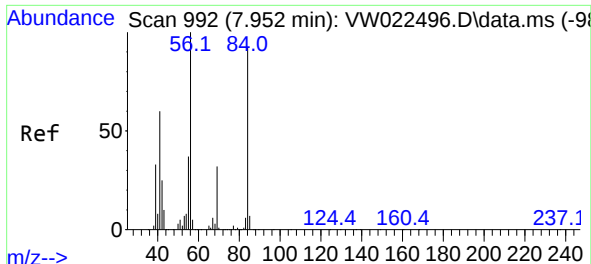
Tgt Ion: 62 Resp: 202657

Ion Ratio Lower Upper

62 100

98 8.5 6.2 9.2





#29

Cyclohexane

Concen: 19.280 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MSD

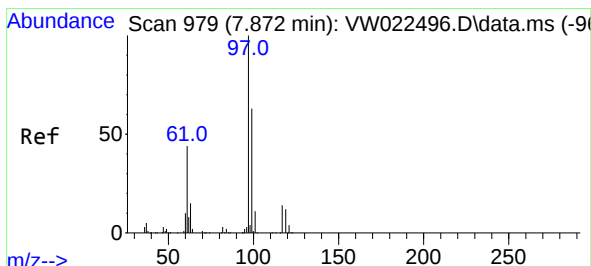
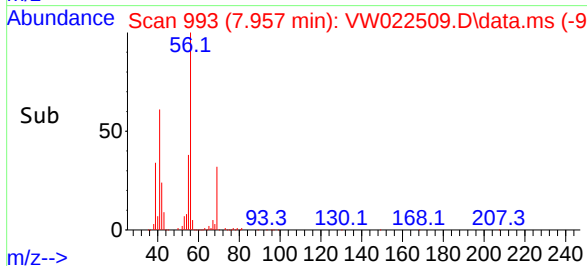
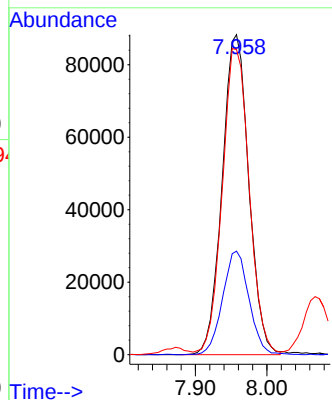
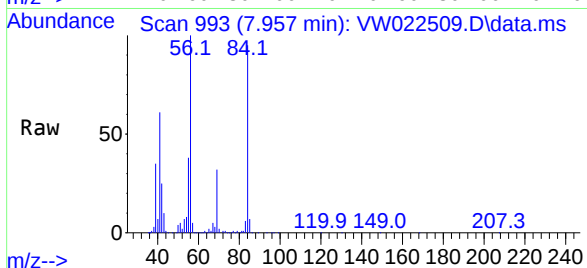
Tgt Ion: 56 Resp: 228231

Ion Ratio Lower Upper

56 100

69 32.0 24.4 36.6

84 96.9 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 21.686 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

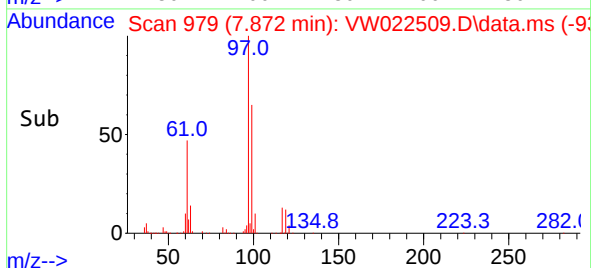
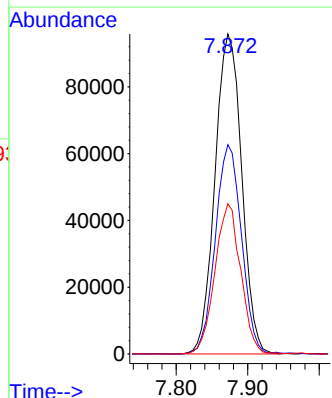
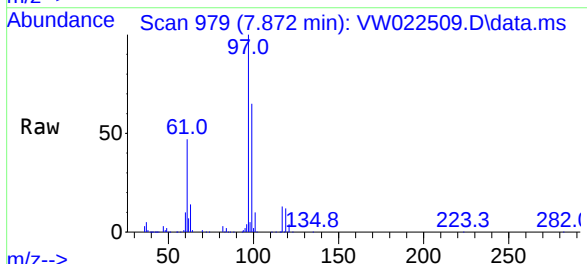
Tgt Ion: 97 Resp: 248812

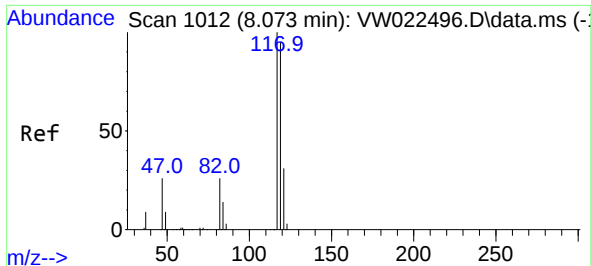
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 45.2 38.7 58.1

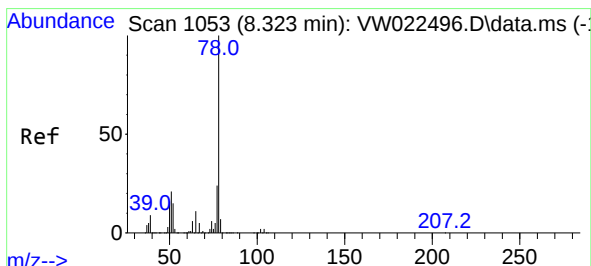
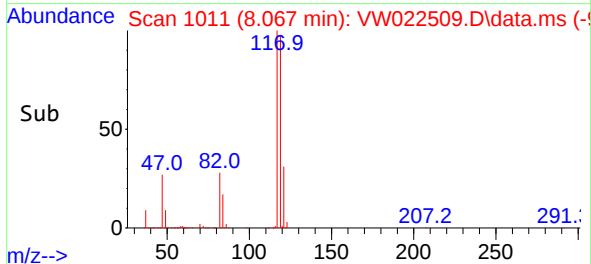
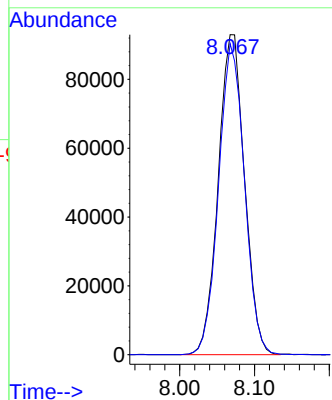
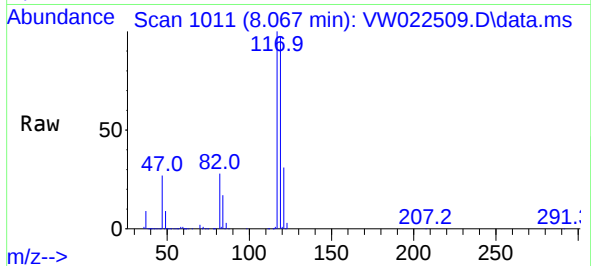




#31
Carbon tetrachloride
Concen: 22.110 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

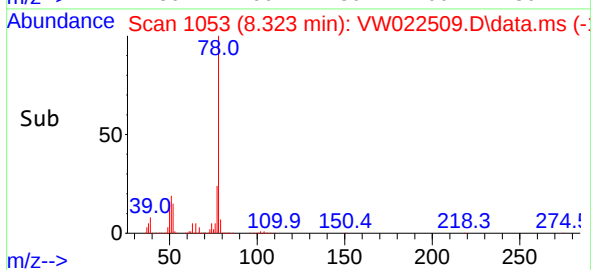
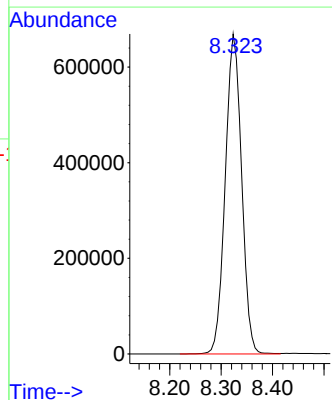
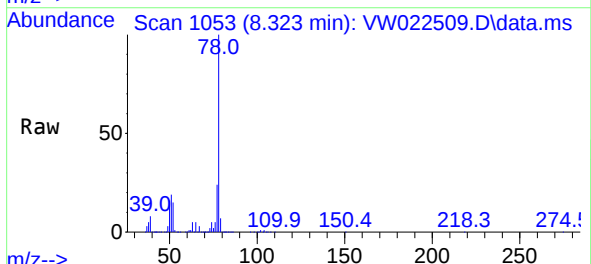
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

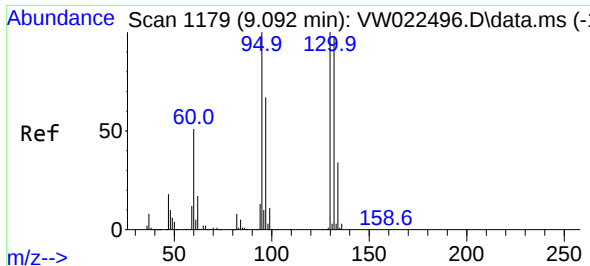
Tgt Ion:117 Resp: 227678
Ion Ratio Lower Upper
117 100
119 95.4 75.5 113.3



#33
Benzene
Concen: 52.701 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 78 Resp: 1479902

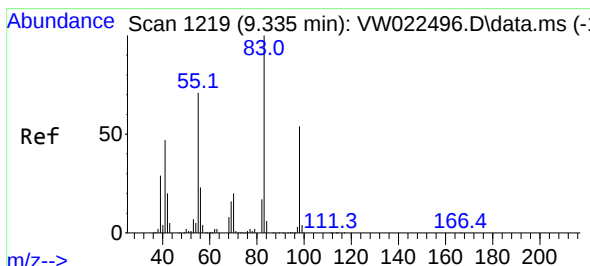
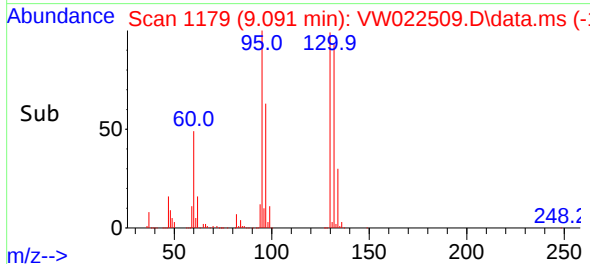
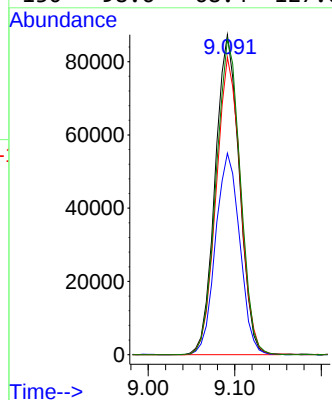
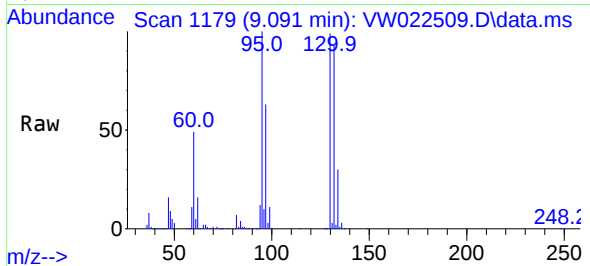




#34
Trichloroethene
Concen: 22.470 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

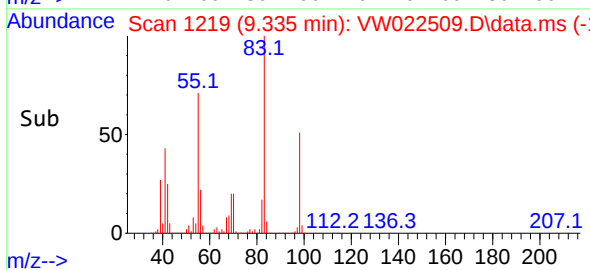
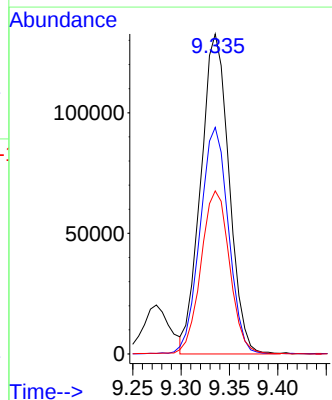
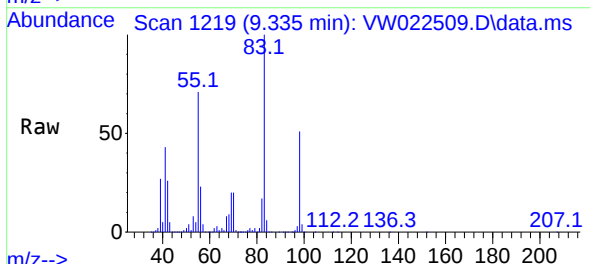
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

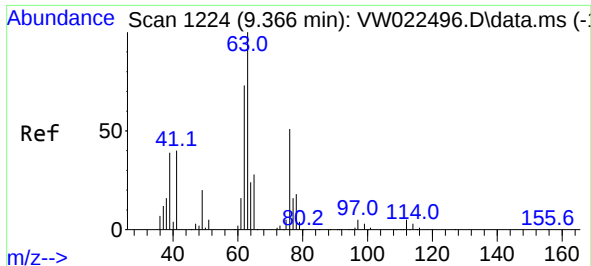
Tgt Ion: 95 Resp: 168945
Ion Ratio Lower Upper
95 100
97 62.9 46.4 86.2
132 93.0 67.4 125.2
130 98.6 68.4 127.0



#35
Methylcyclohexane
Concen: 19.993 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 83 Resp: 269704
Ion Ratio Lower Upper
83 100
55 70.8 61.0 91.6
98 51.8 39.2 58.8





#37

1,2-Dichloropropane

Concen: 21.757 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

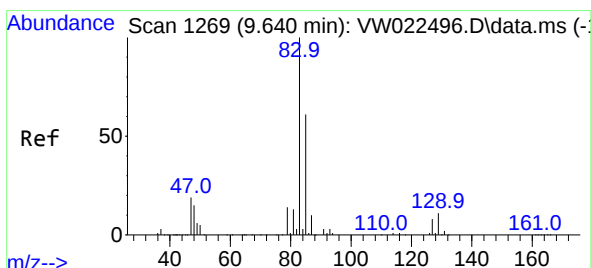
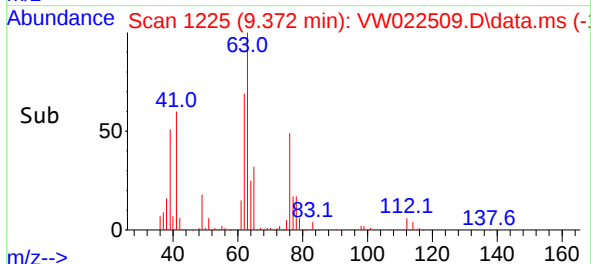
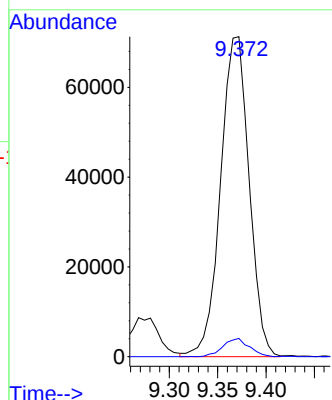
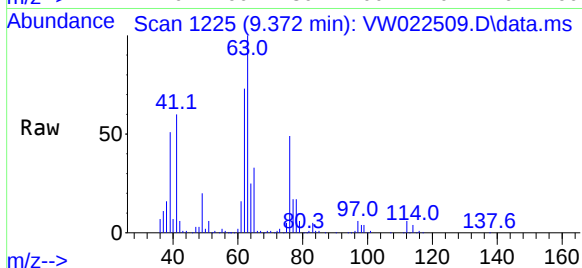
ETNS0MSD

Tgt Ion: 63 Resp: 146362

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.6



#38

Bromodichloromethane

Concen: 22.703 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

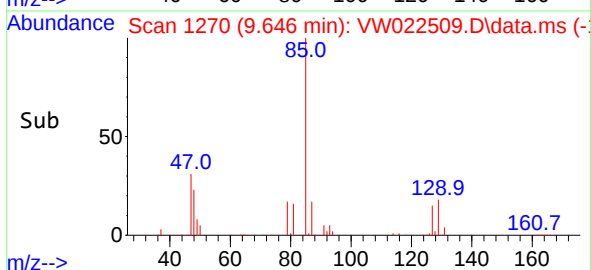
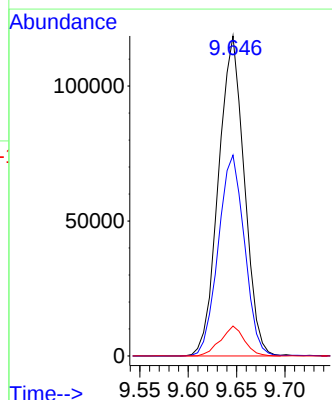
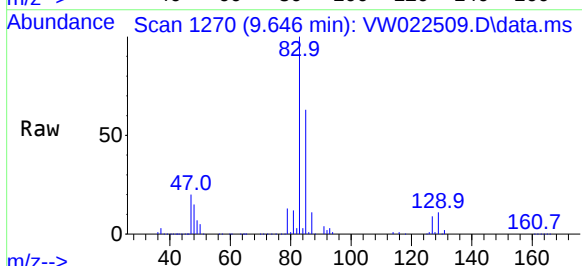
Tgt Ion: 83 Resp: 219630

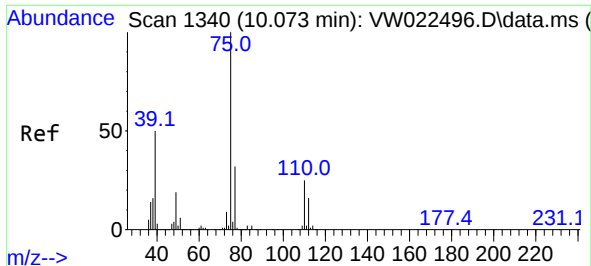
Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

127 9.3 6.0 9.0#

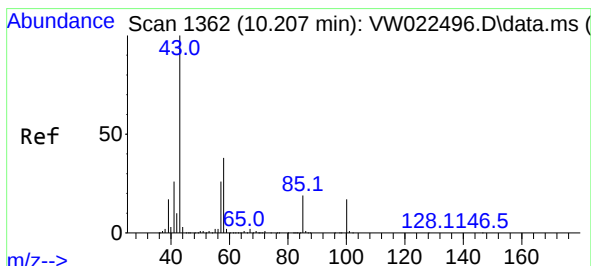
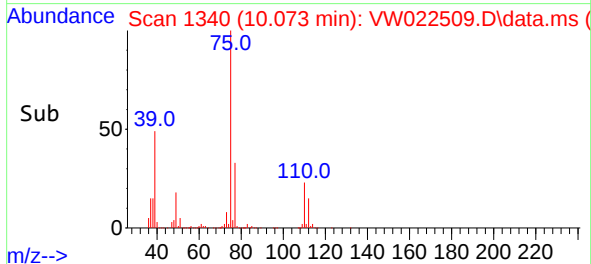
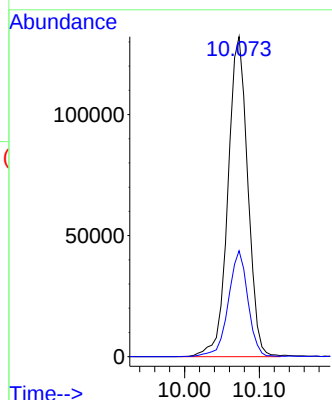
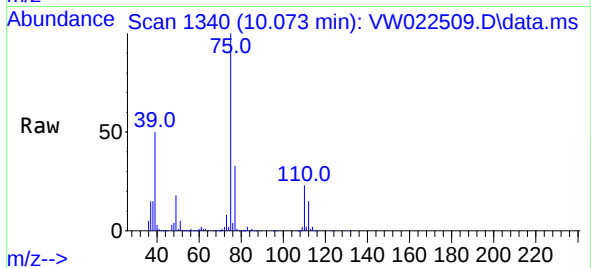




#39
cis-1,3-Dichloropropene
Concen: 22.813 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

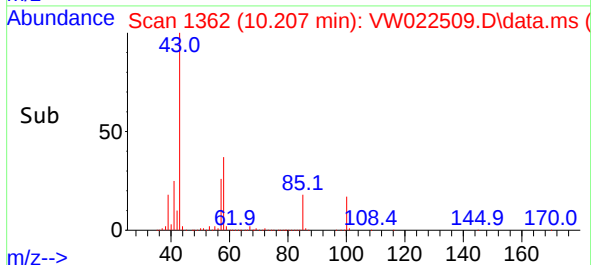
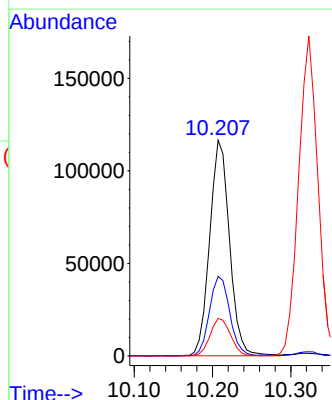
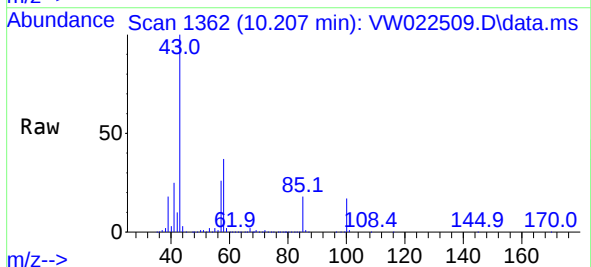
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

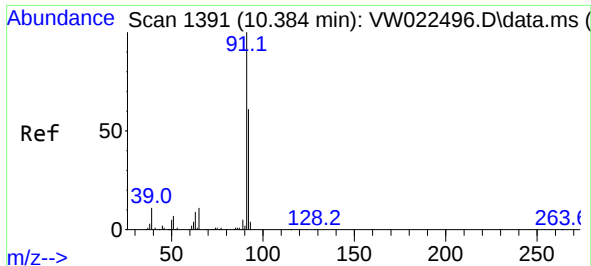
Tgt Ion: 75 Resp: 243527
Ion Ratio Lower Upper
75 100
77 33.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 50.020 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 43 Resp: 205358
Ion Ratio Lower Upper
43 100
58 37.7 29.3 43.9
100 18.0 12.2 18.4

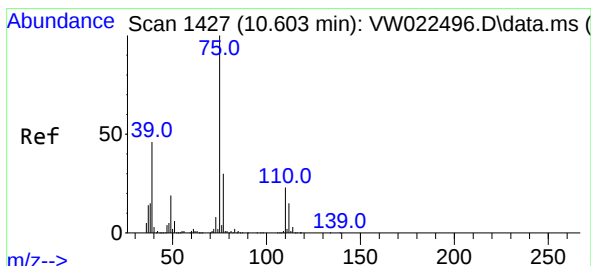
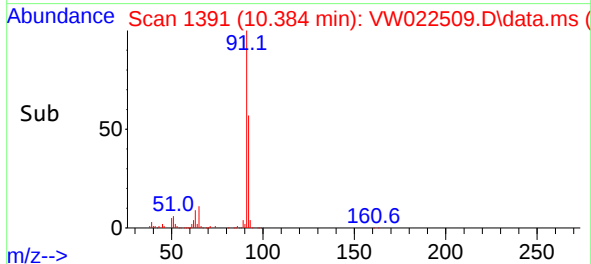
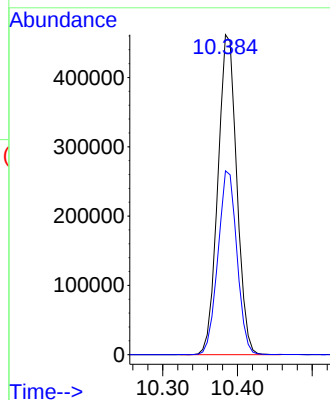
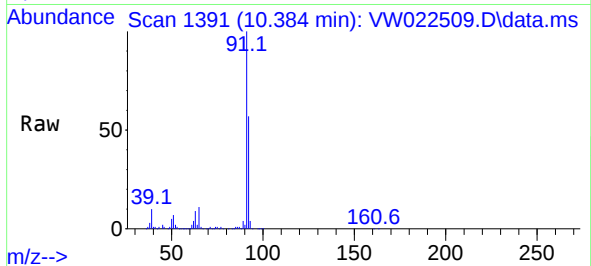




#42
Toluene
Concen: 25.252 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

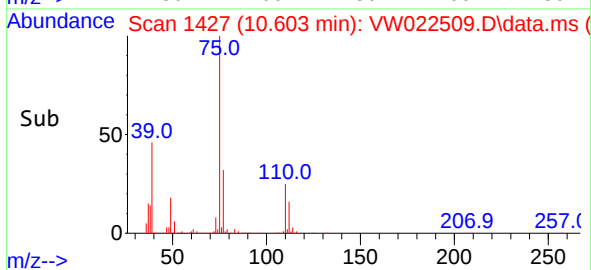
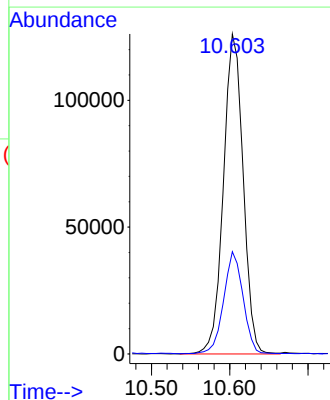
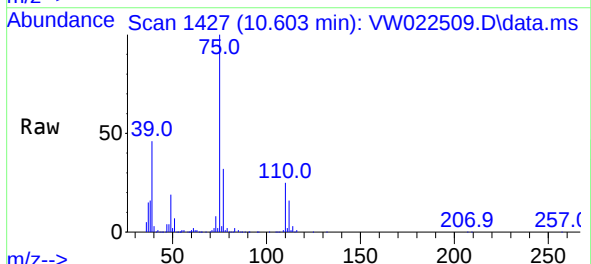
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

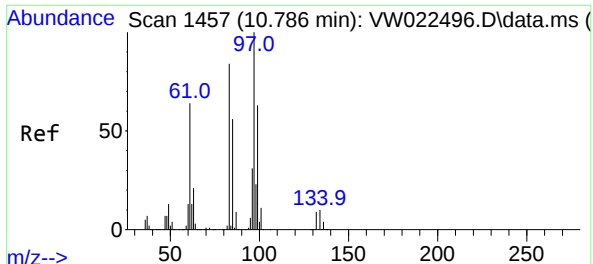
Tgt Ion: 91 Resp: 812559
Ion Ratio Lower Upper
91 100
92 57.5 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 23.126 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 75 Resp: 221043
Ion Ratio Lower Upper
75 100
77 31.9 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.765 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MSD

Tgt Ion: 97 Resp: 127148

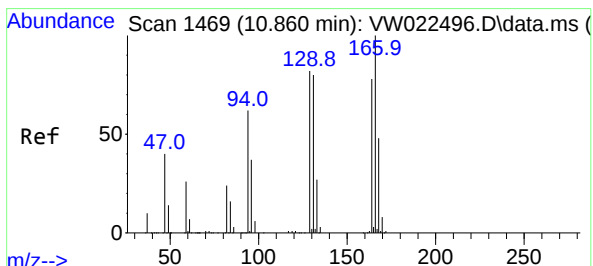
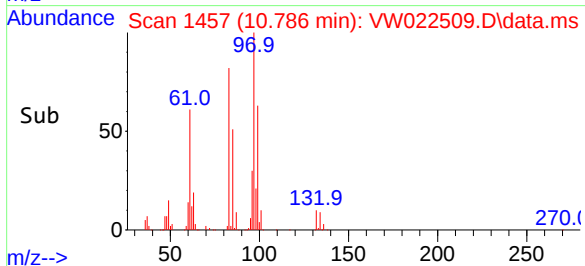
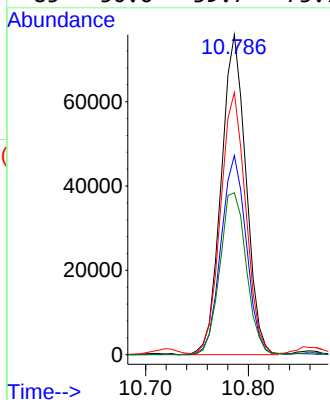
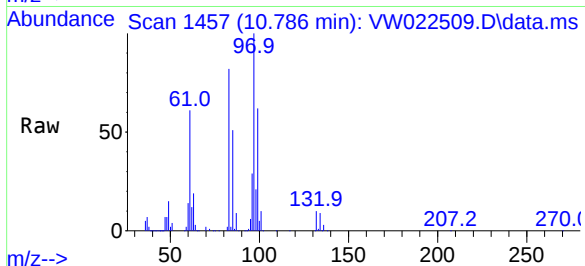
Ion Ratio Lower Upper

97 100

99 62.2 46.0 85.4

83 82.0 60.6 112.6

85 50.6 39.7 73.7



#46

Tetrachloroethene

Concen: 23.184 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022509.D

Acq: 12 Apr 2022 15:58

Tgt Ion:164 Resp: 128133

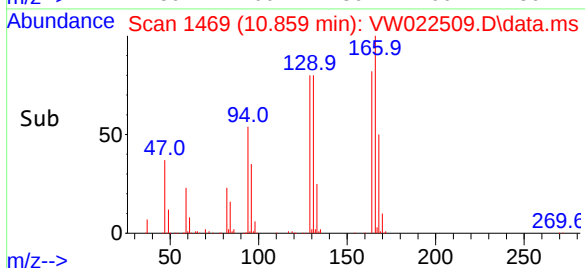
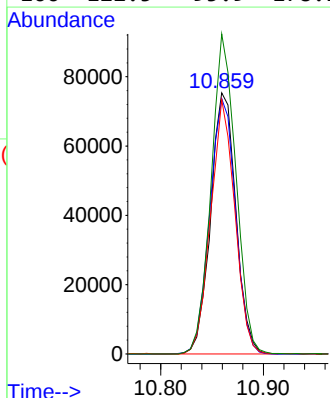
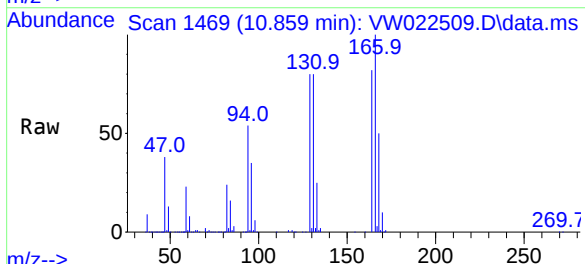
Ion Ratio Lower Upper

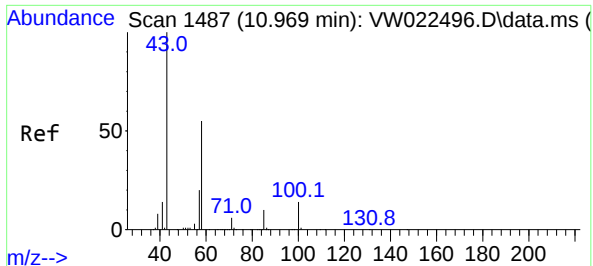
164 100

129 97.8 74.1 137.7

131 97.4 71.4 132.6

166 122.5 95.9 178.1

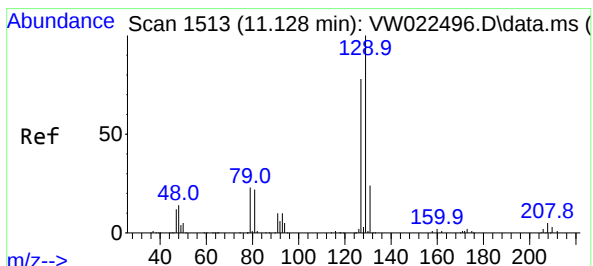
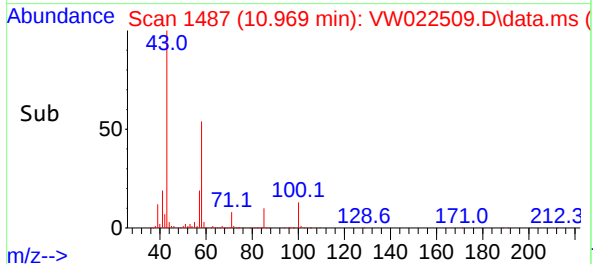
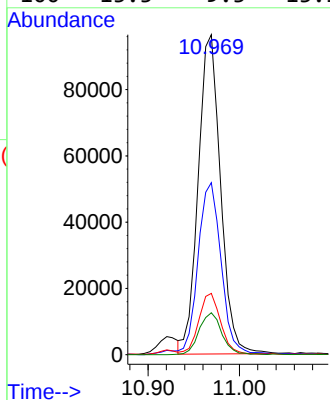
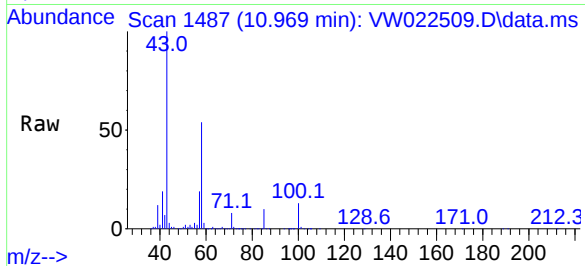




#48
2-Hexanone
Concen: 56.610 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

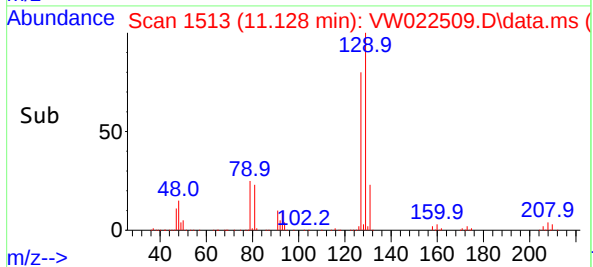
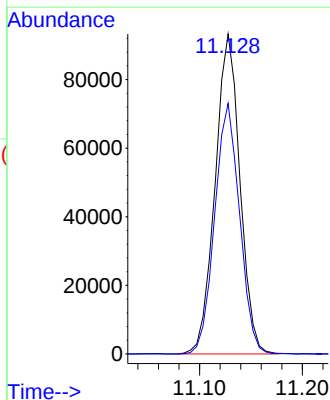
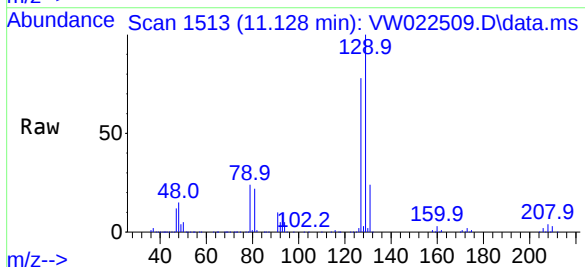
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

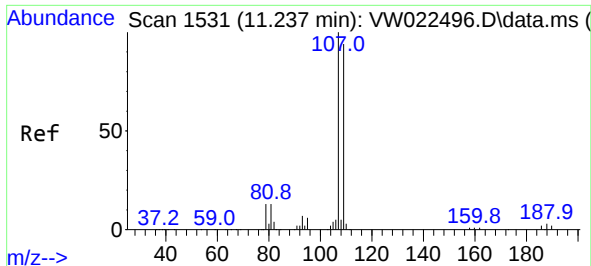
Tgt Ion: 43 Resp: 163963
Ion Ratio Lower Upper
43 100
58 53.6 41.6 62.4
57 19.1 14.5 21.7
100 13.3 9.3 13.9



#49
Dibromochloromethane
Concen: 25.540 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:129 Resp: 156384
Ion Ratio Lower Upper
129 100
127 78.3 52.6 97.6

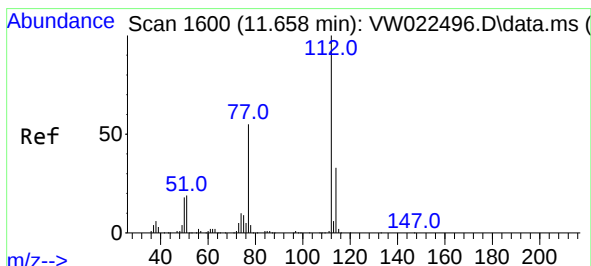
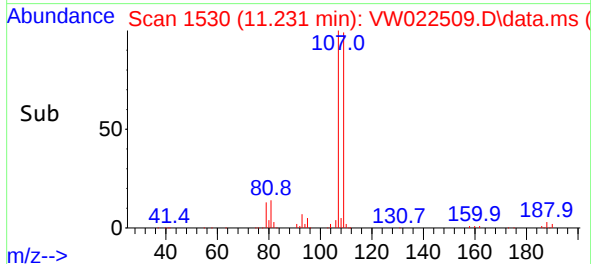
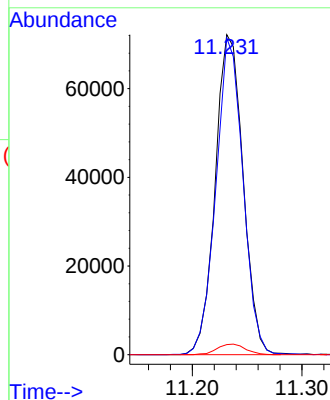
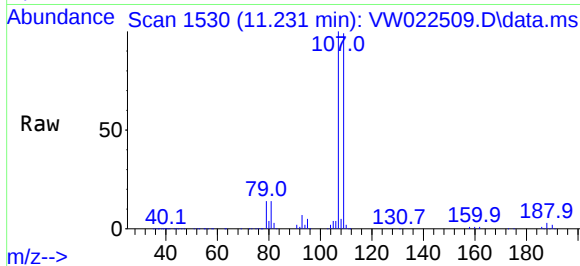




#50
1,2-Dibromoethane
Concen: 25.138 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

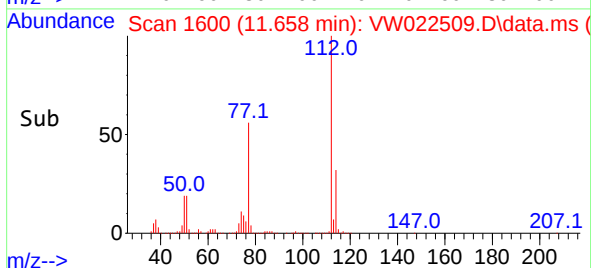
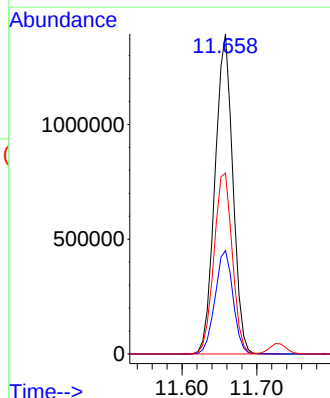
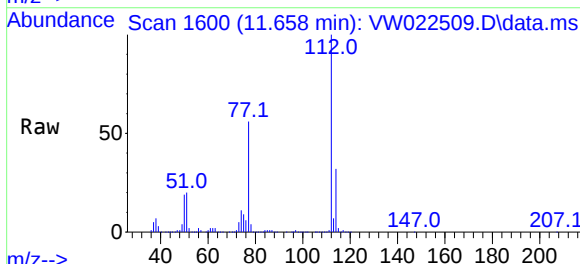
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

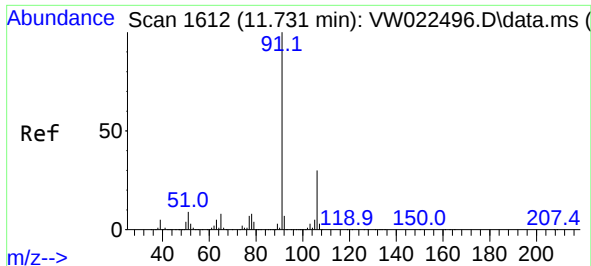
Tgt Ion:107 Resp: 127441
Ion Ratio Lower Upper
107 100
109 99.0 68.2 126.6
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 117.362 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:112 Resp: 2307752
Ion Ratio Lower Upper
112 100
114 32.3 20.5 38.1
77 56.5 48.1 72.1

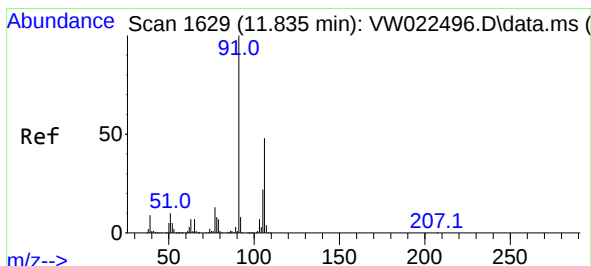
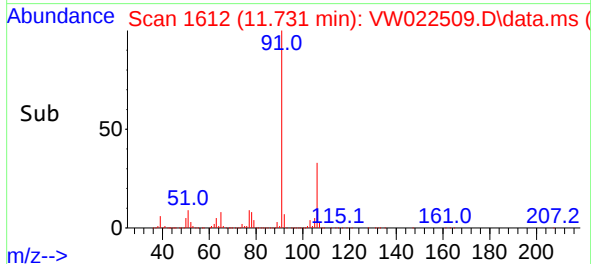
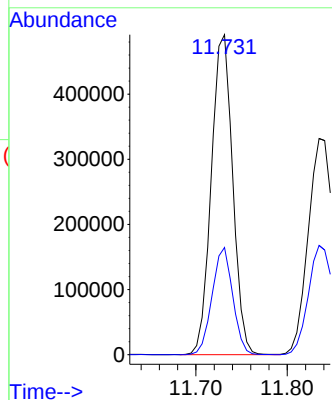
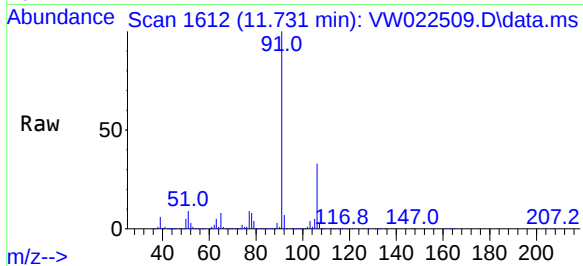




#52
Ethylbenzene
Concen: 22.106 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

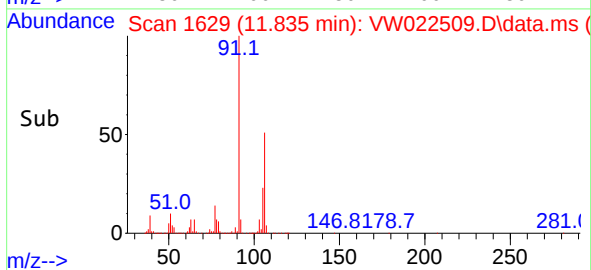
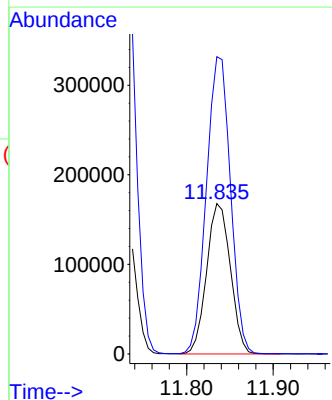
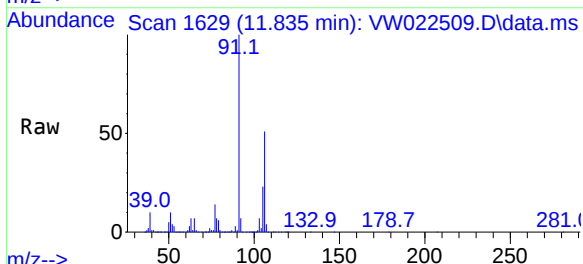
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

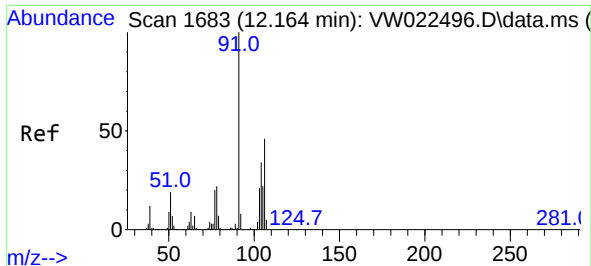
Tgt Ion: 91 Resp: 797323
Ion Ratio Lower Upper
91 100
106 33.5 20.5 38.1



#53
m,p-Xylene
Concen: 23.319 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:106 Resp: 319795
Ion Ratio Lower Upper
106 100
91 197.7 149.9 278.5

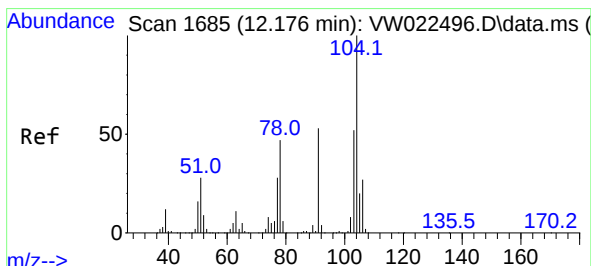
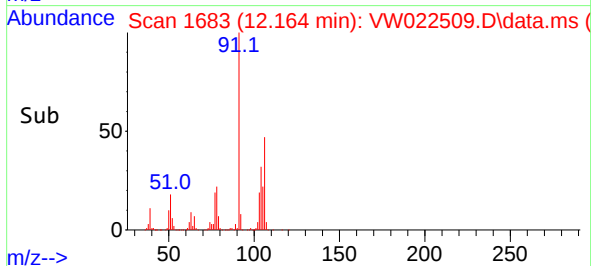
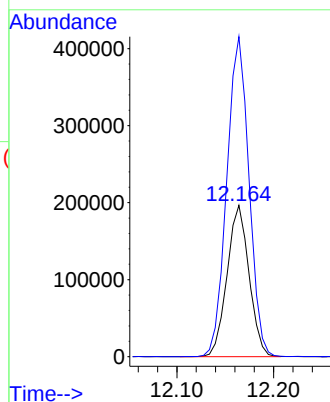
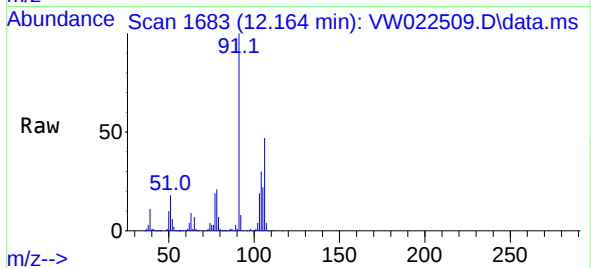




#54
o-Xylene
Concen: 23.635 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

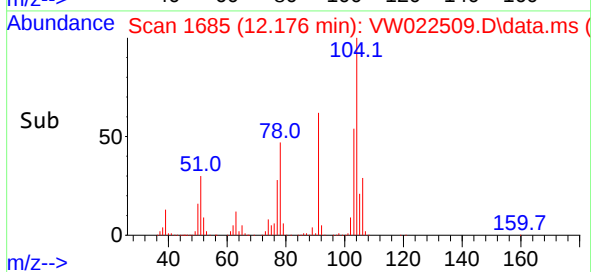
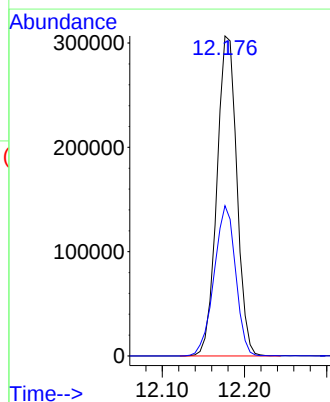
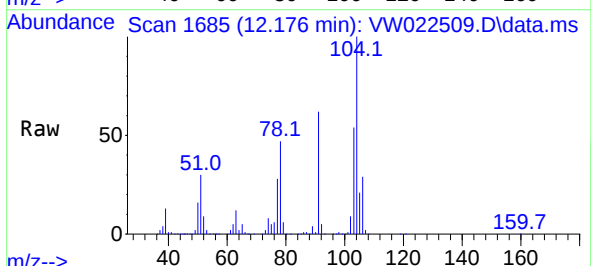
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

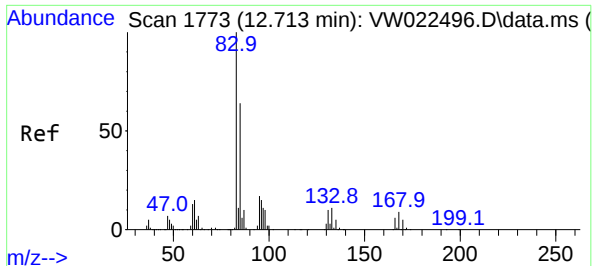
Tgt Ion:106 Resp: 309738
Ion Ratio Lower Upper
106 100
91 211.4 155.3 288.3



#55
Styrene
Concen: 23.108 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:104 Resp: 517381
Ion Ratio Lower Upper
104 100
78 46.9 34.4 64.0

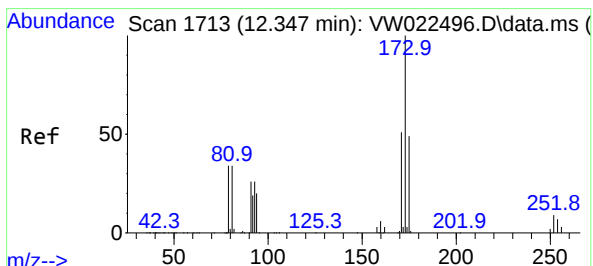
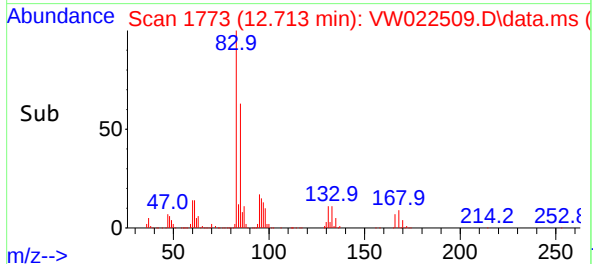
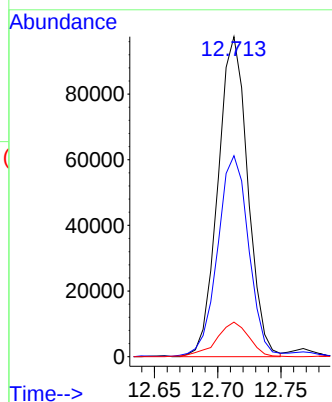
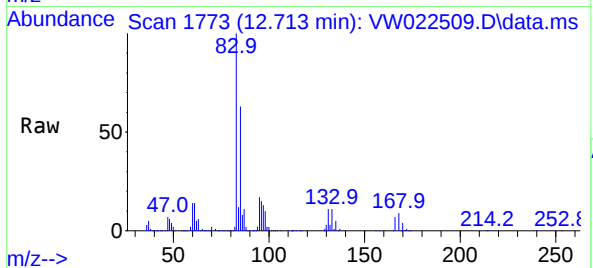




#57
1,1,2-Tetrachloroethane
Concen: 25.344 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

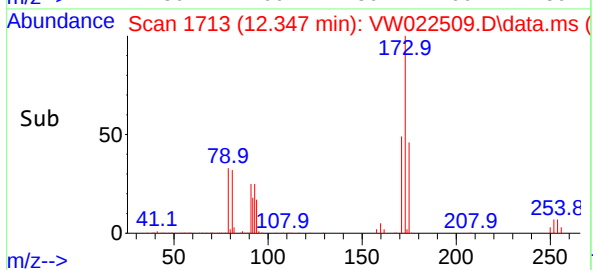
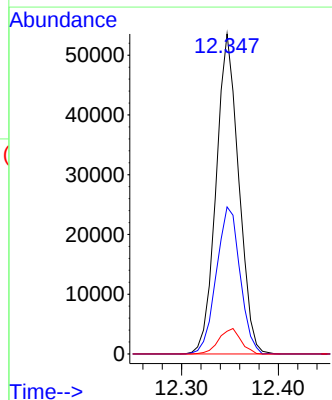
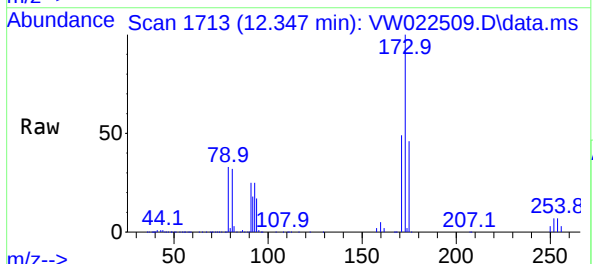
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

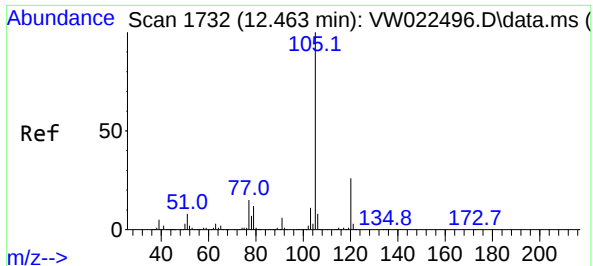
Tgt Ion: 83 Resp: 159710
Ion Ratio Lower Upper
83 100
85 62.8 45.5 84.5
131 10.8 7.8 11.8



#59
Bromoform
Concen: 25.586 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:173 Resp: 86860
Ion Ratio Lower Upper
173 100
175 48.1 39.2 58.8
254 7.7 6.6 9.8

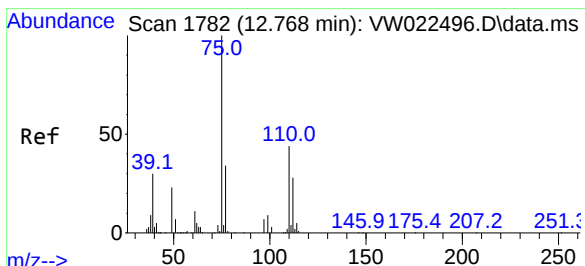
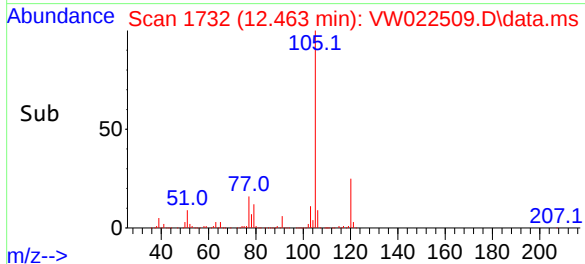
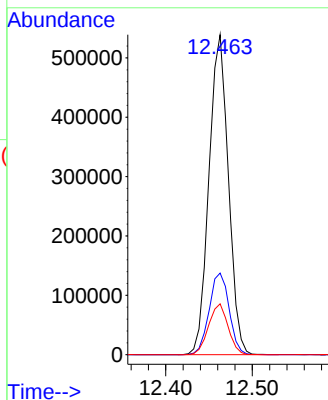
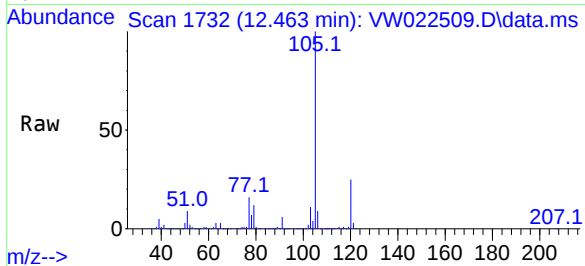




#60
Isopropylbenzene
Concen: 22.125 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

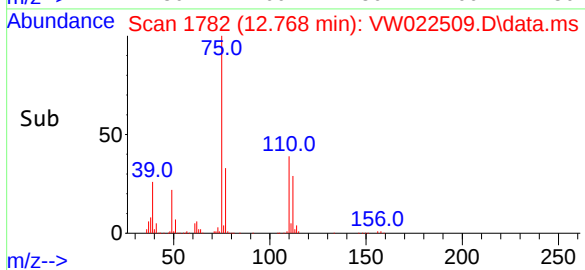
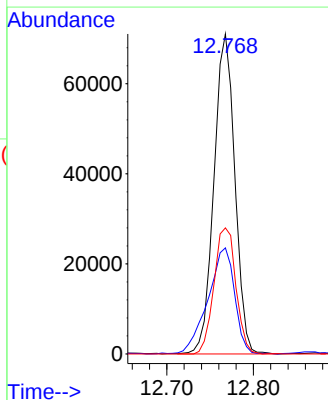
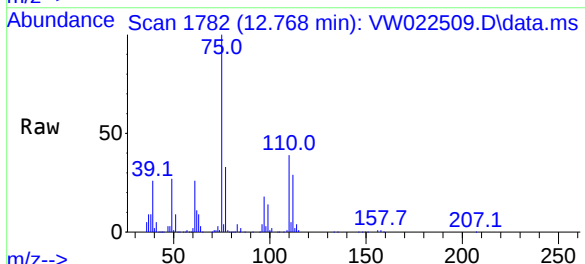
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

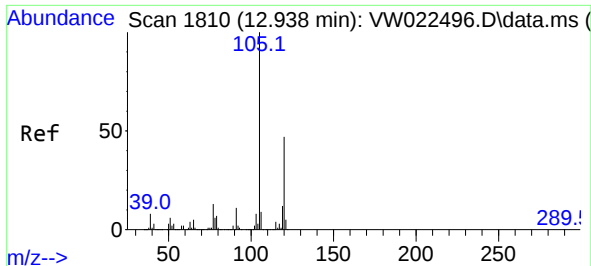
Tgt Ion:105 Resp: 839669
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 24.540 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 75 Resp: 119263
Ion Ratio Lower Upper
75 100
77 41.8 25.7 38.5#
110 41.3 31.8 47.6

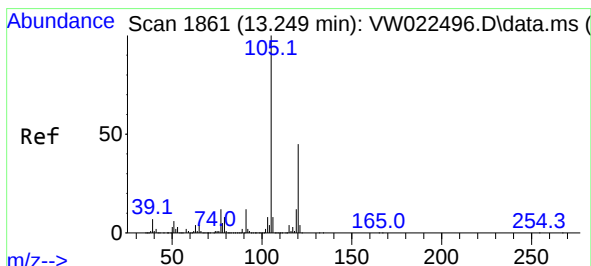
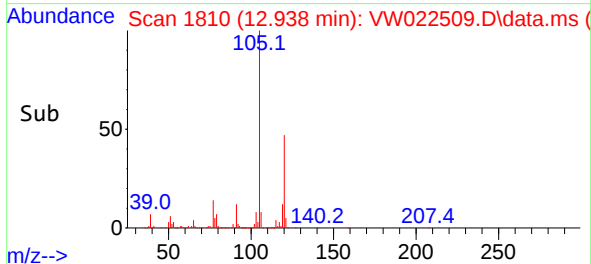
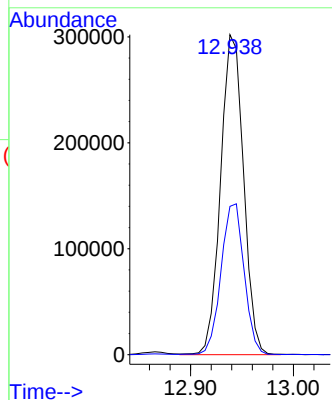
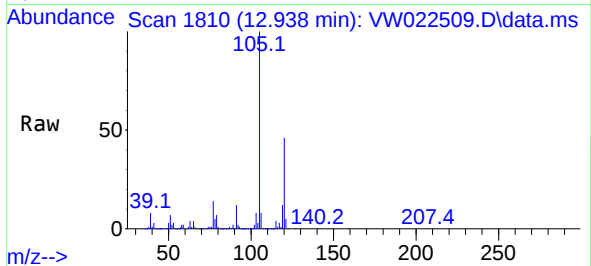




#62
1,3,5-Trimethylbenzene
Concen: 22.417 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

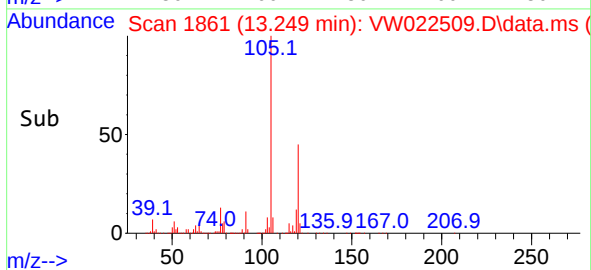
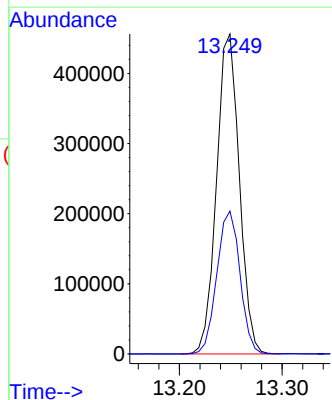
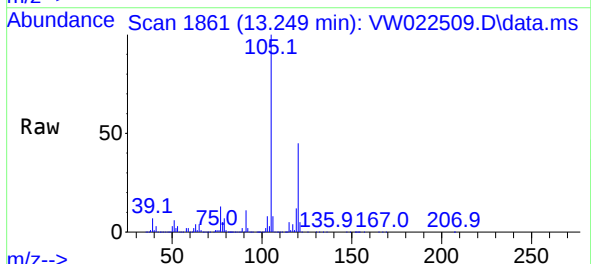
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

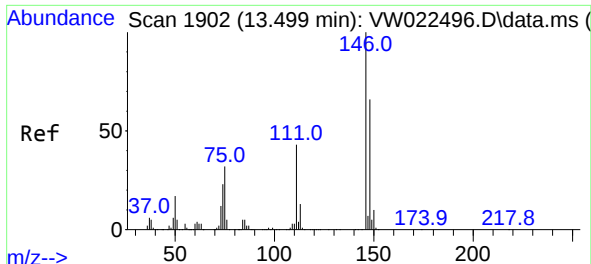
Tgt Ion:105 Resp: 467880
Ion Ratio Lower Upper
105 100
120 47.5 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 22.127 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:105 Resp: 702273
Ion Ratio Lower Upper
105 100
120 45.3 34.2 51.2

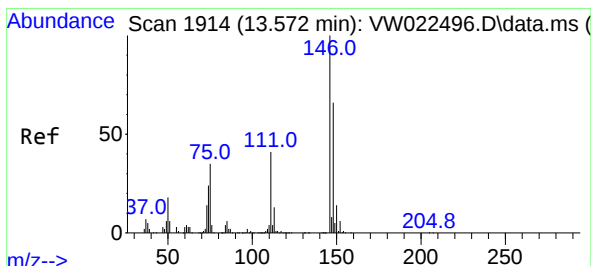
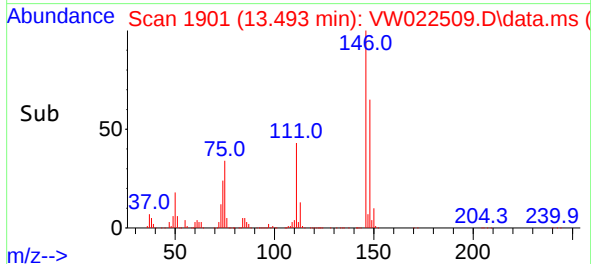
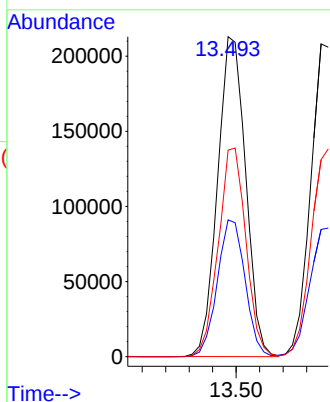
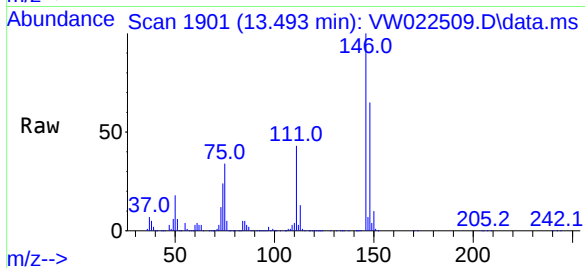




#64
1,3-Dichlorobenzene
Concen: 22.968 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

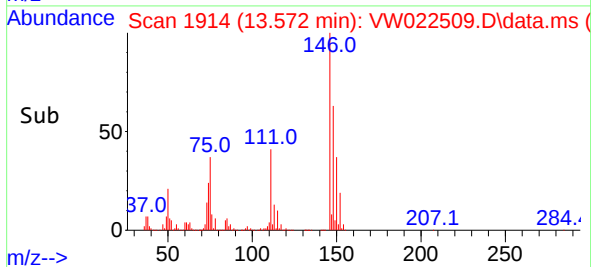
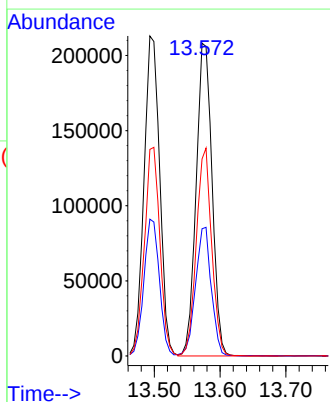
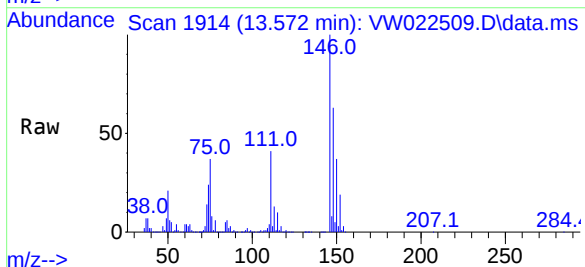
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

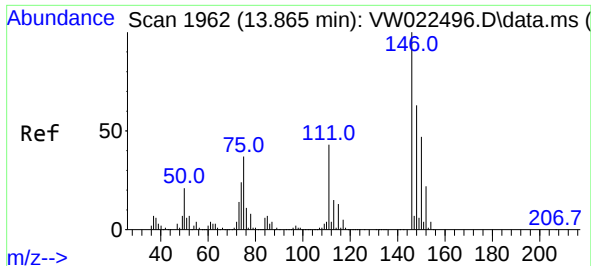
Tgt Ion:146 Resp: 353771
Ion Ratio Lower Upper
146 100
111 42.7 28.2 52.4
148 64.6 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 22.798 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:146 Resp: 350198
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 63.0 44.4 82.4

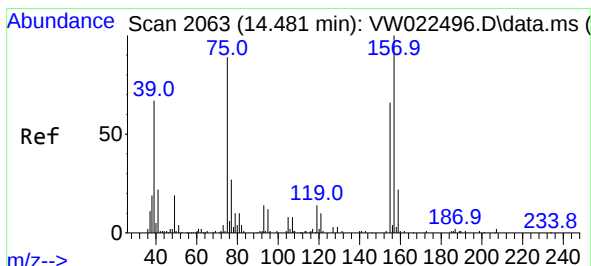
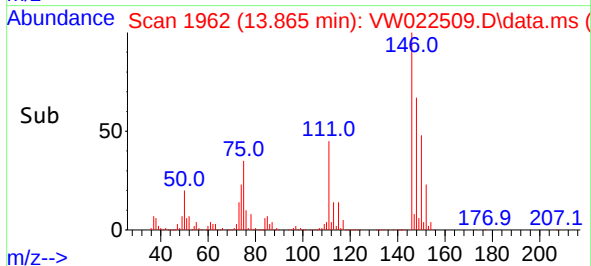
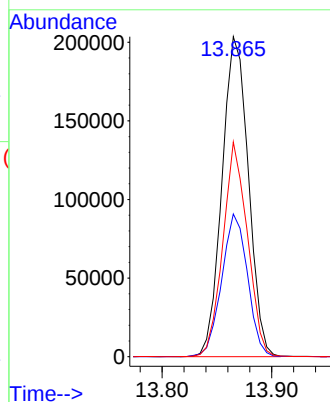
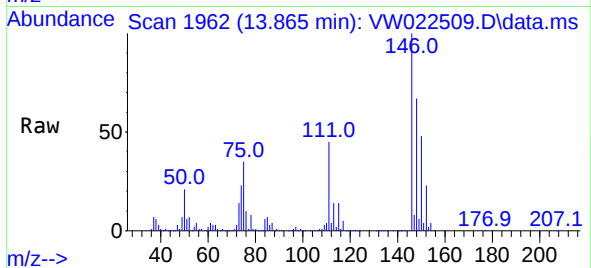




#67
1,2-Dichlorobenzene
Concen: 24.691 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

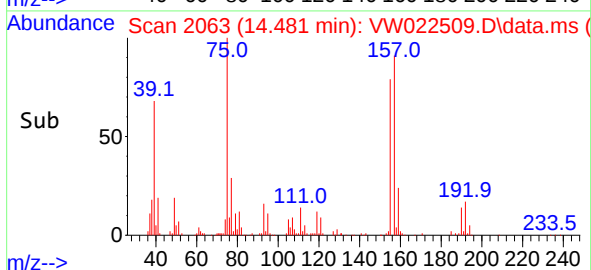
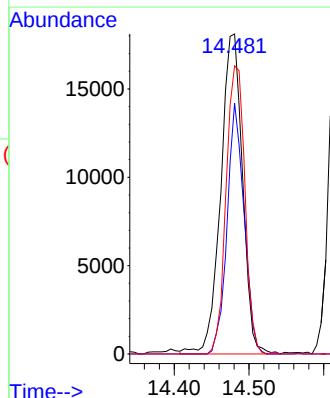
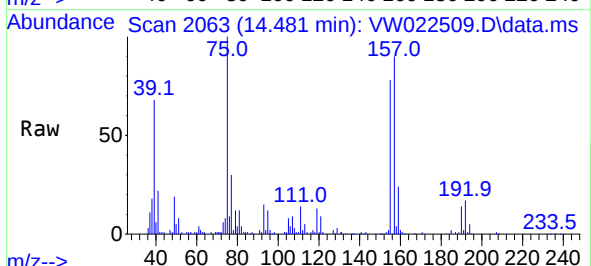
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

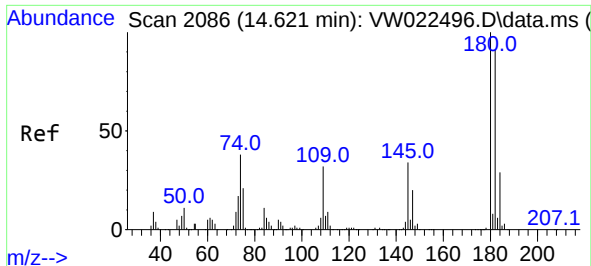
Tgt Ion:146 Resp: 340108
Ion Ratio Lower Upper
146 100
111 44.6 39.0 58.4
148 67.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 32.586 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion: 75 Resp: 36729
Ion Ratio Lower Upper
75 100
155 78.4 55.6 83.4
157 90.0 69.8 104.6



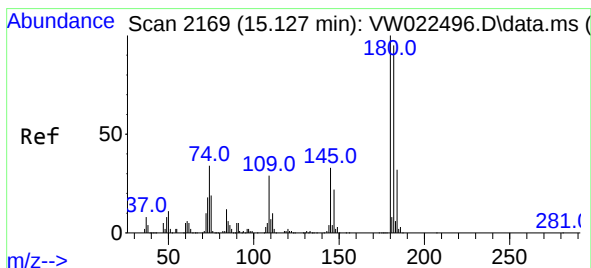
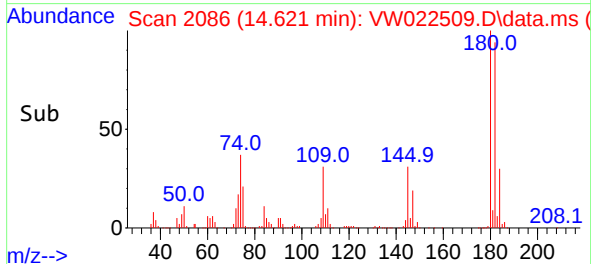
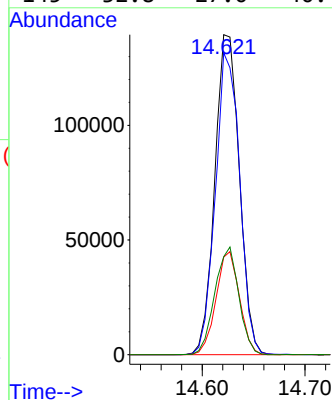
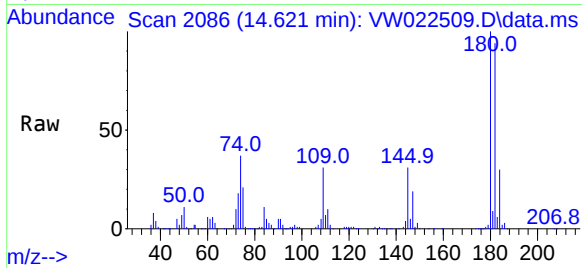


#69
1,3,5-Trichlorobenzene
Concen: 23.050 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

Tgt Ion:180 Resp: 231640

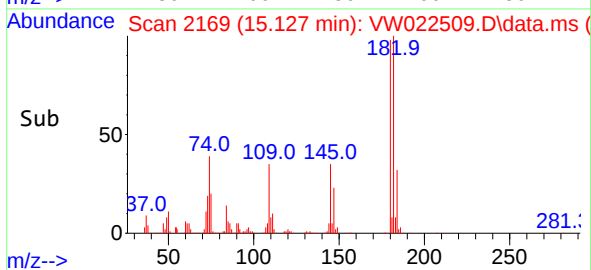
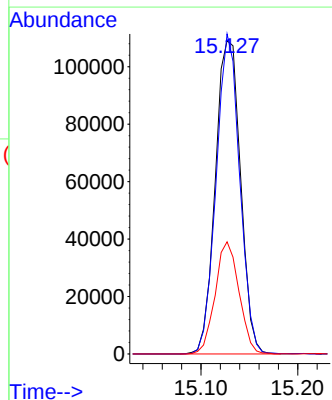
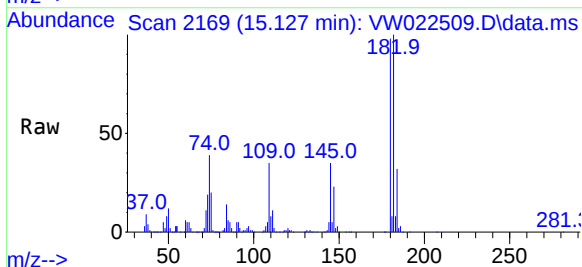
Ion	Ratio	Lower	Upper
180	100		
182	93.4	79.1	118.7
184	30.7	24.5	36.7
145	32.8	27.0	40.4

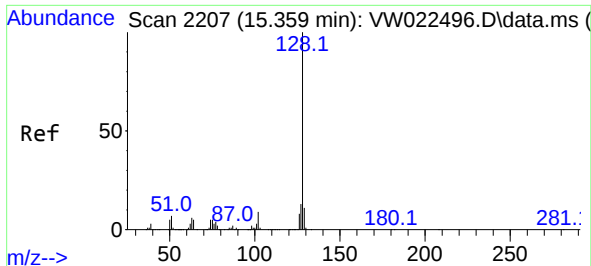


#70
1,2,4-trichlorobenzene
Concen: 23.345 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:180 Resp: 197026

Ion	Ratio	Lower	Upper
180	100		
182	95.5	72.8	109.2
145	33.9	25.5	38.3

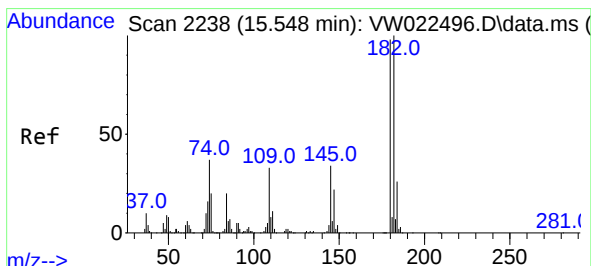
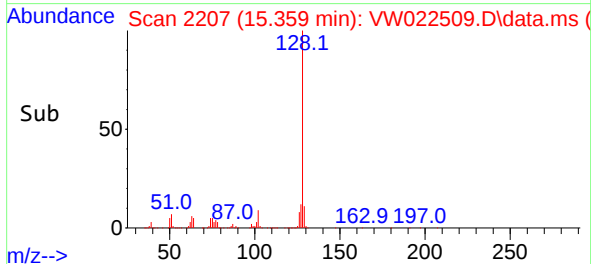
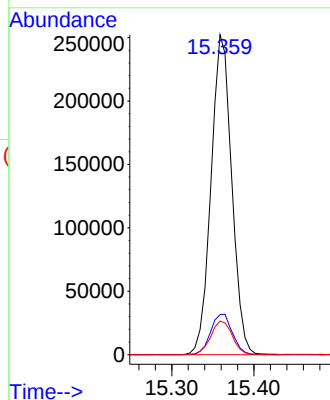
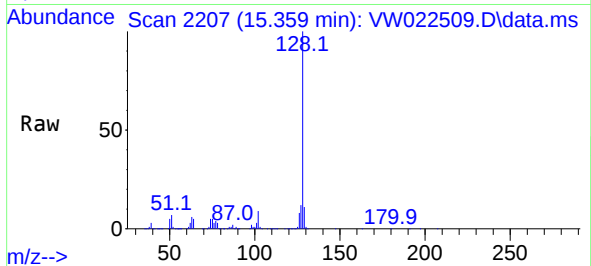




#71
Naphthalene
Concen: 24.704 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Instrument :
MSVOA_W
ClientSampleId :
ETNS0MSD

Tgt Ion:128 Resp: 439759
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.416 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022509.D
Acq: 12 Apr 2022 15:58

Tgt Ion:180 Resp: 168924
Ion Ratio Lower Upper
180 100
182 97.1 73.4 110.0
145 35.9 27.0 40.6

