

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021522.D
 Acq On : 21 Dec 2021 13:28
 Operator : SY/VA
 Sample : M5125-11MSD
 Misc : 10.51g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MSD

Quant Time: Dec 22 01:20:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128767	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	109493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38980	16.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.480%
7) Chloroethane-d5	2.885	69	28487	18.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.480%
11) 1,1-Dichloroethene-d2	4.019	63	70657	22.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.074	46	15484	46.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.653	84	84441	23.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	8.305	65	42124	22.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.275	84	150220	25.030	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.120%
36) 1,2-Dichloropropane-d6	9.275	67	42159	26.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.323	98	136471	22.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	16626	22.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.921	63	12401	52.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	29343	21.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	36702	18.932	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8202	16.486	ug/L	98
3) Chloromethane	2.215	50	29867	18.133	ug/L	99
5) Vinyl chloride	2.361	62	46301	17.906	ug/L	94
6) Bromomethane	2.782	94	27719	16.527	ug/L	96
8) Chloroethane	2.922	64	22852	19.183	ug/L	97
9) Trichlorofluoromethane	3.257	101	32883	24.102	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40821	22.958	ug/L	92
12) 1,1-Dichloroethene	4.038	96	35715	22.376	ug/L	84
13) Acetone	4.117	43	42934	144.874	ug/L	95
14) Carbon disulfide	4.385	76	75745	18.376	ug/L	99
15) Methyl Acetate	4.666	43	10637	20.802	ug/L	# 91
16) Methylene chloride	4.922	84	43235	20.320	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	41090	23.776	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	62989	26.390	ug/L	94
19) 1,1-Dichloroethane	6.220	63	67202	24.780	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	50941	27.946	ug/L	79
22) 2-Butanone	7.171	43	26078	67.382	ug/L	87
23) Bromochloromethane	7.513	128	19266	22.604	ug/L	# 61
25) Chloroform	7.677	83	74952	23.808	ug/L	96

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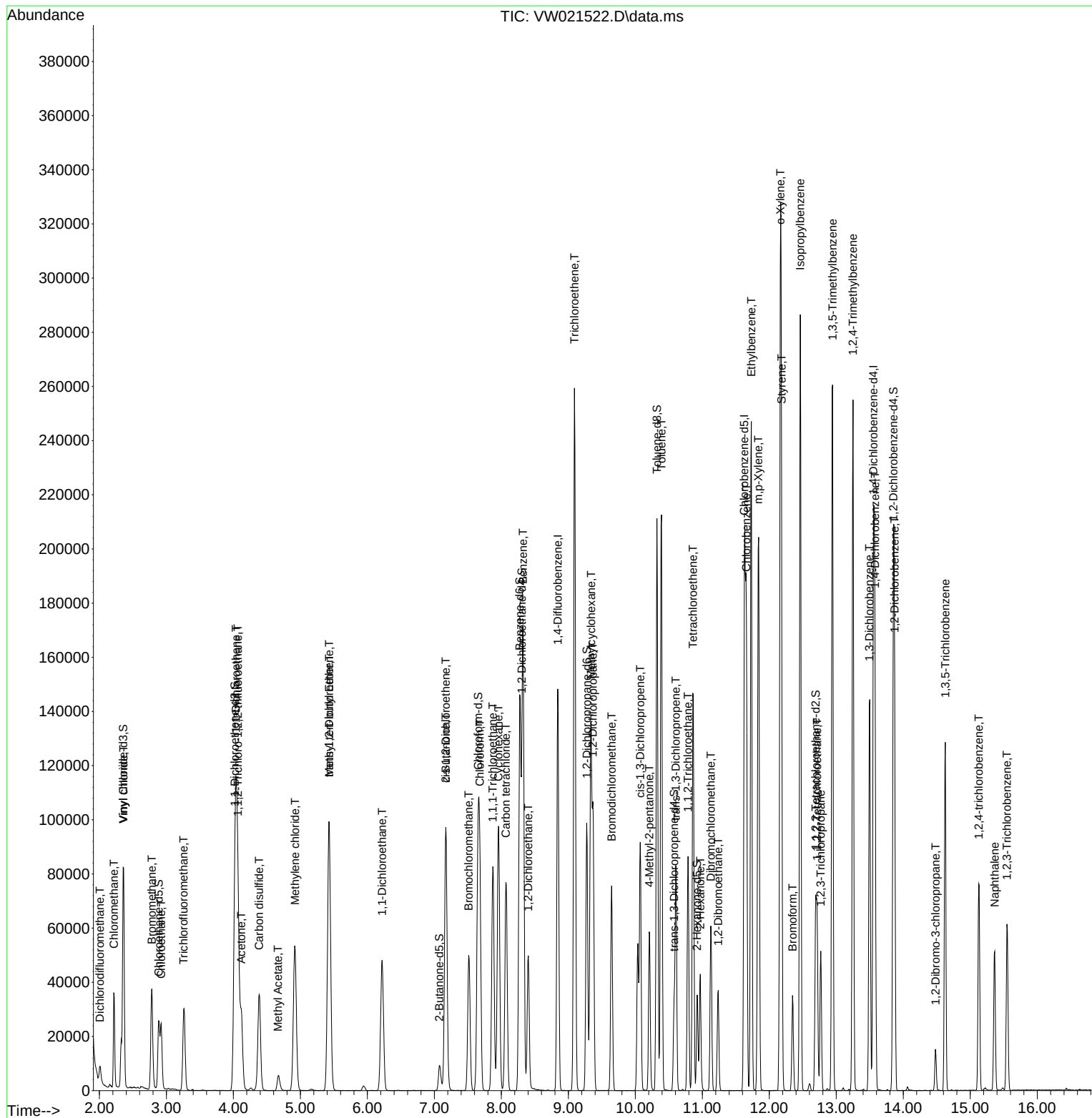
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45868	23.008	ug/L	97
29) Cyclohexane	7.958	56	52256	23.978	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	68280	27.793	ug/L	94
31) Carbon tetrachloride	8.067	117	59967	26.461	ug/L	99
33) Benzene	8.324	78	148868	24.958	ug/L	100
34) Trichloroethene	9.092	95	86153	51.454	ug/L	92
35) Methylcyclohexane	9.342	83	57848	20.944	ug/L	86
37) 1,2-Dichloropropane	9.366	63	34738	26.110	ug/L #	95
38) Bromodichloromethane	9.646	83	48378	26.446	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	52413	24.991	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	36209	49.948	ug/L #	89
42) Toluene	10.390	91	159741	22.899	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	42933	23.372	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	26875	24.680	ug/L	94
46) Tetrachloroethene	10.860	164	35065	22.045	ug/L	90
48) 2-Hexanone	10.969	43	26344	50.111	ug/L #	93
49) Dibromochloromethane	11.128	129	32498	24.208	ug/L	98
50) 1,2-Dibromoethane	11.238	107	23910	22.063	ug/L #	92
51) Chlorobenzene	11.658	112	92071	19.714	ug/L	94
52) Ethylbenzene	11.731	91	171970	21.572	ug/L	98
53) m,p-Xylene	11.835	106	68153	21.193	ug/L	86
54) o-Xylene	12.164	106	63523	20.813	ug/L	95
55) Styrene	12.183	104	94146	18.125	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	26688	21.379	ug/L	95
59) Bromoform	12.347	173	15369	25.822	ug/L	99
60) Isopropylbenzene	12.463	105	184932	27.207	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	19191	26.360	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.945	105	143517	24.813	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	137677	24.129	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	61771	19.267	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	61635	19.350	ug/L	86
67) 1,2-Dichlorobenzene	13.871	146	55056	19.505	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	3487	23.221	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.627	180	39731	16.580	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	27263	14.145	ug/L	91
71) Naphthalene	15.365	128	44986	14.366	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22086	13.866	ug/L	96

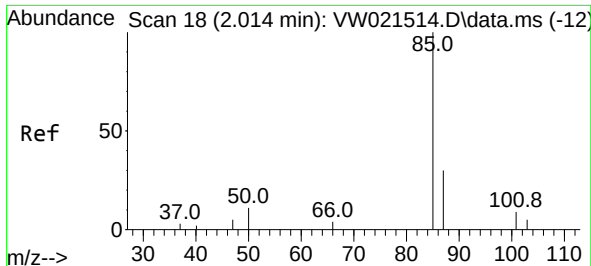
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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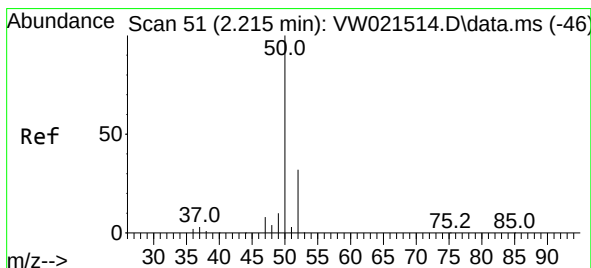
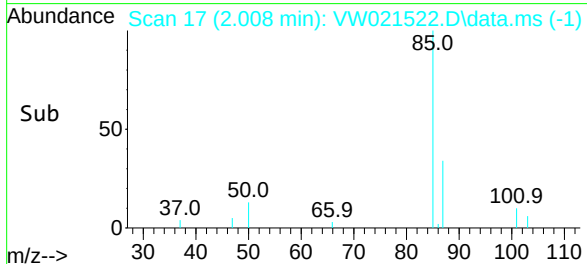
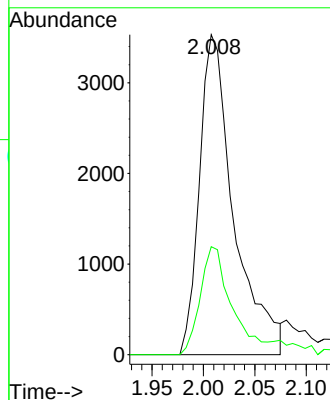
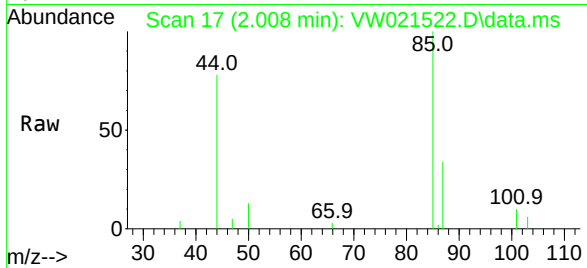




#2
 Dichlorodifluoromethane
 Concen: 16.486 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

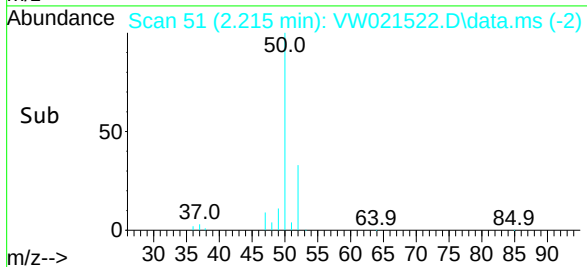
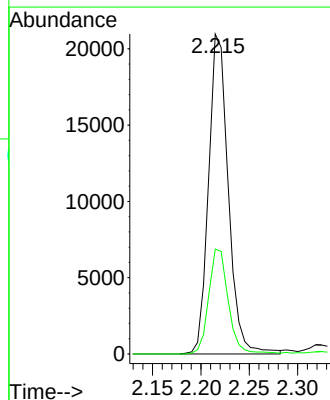
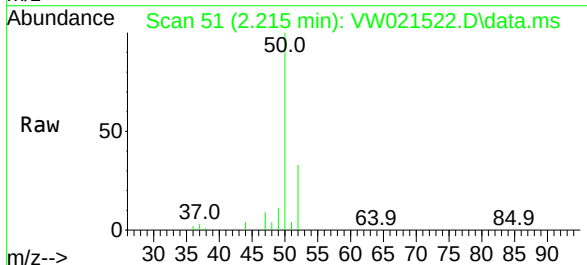
Instrument :
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 ClientSampleId :
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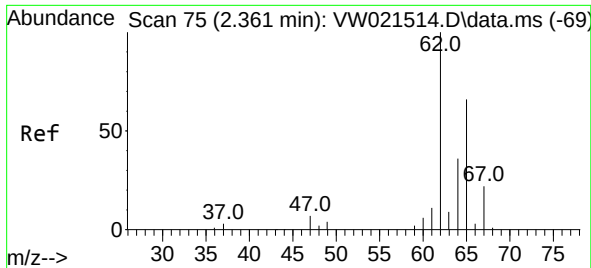
Tgt Ion: 85 Resp: 8202
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.8 38.6



#3
 Chloromethane
 Concen: 18.133 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

Tgt Ion: 50 Resp: 29867
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.6

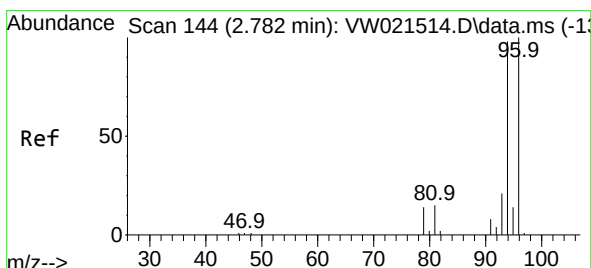
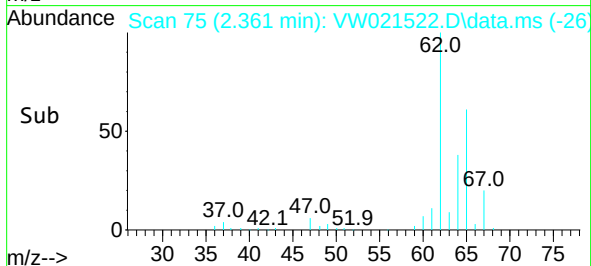
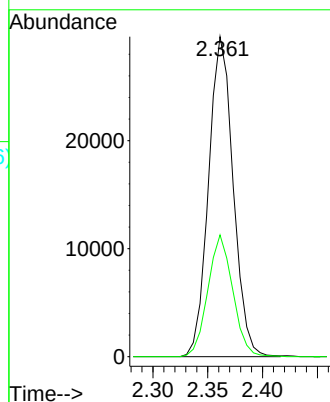
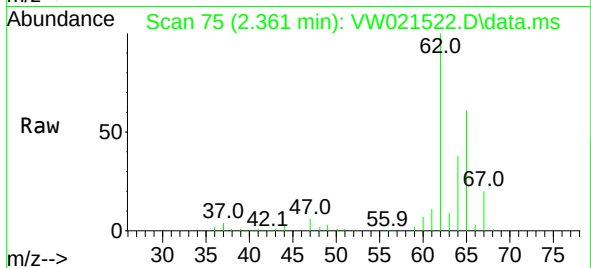




#5
 Vinyl chloride
 Concen: 17.906 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

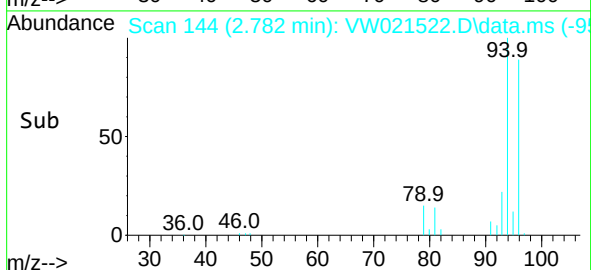
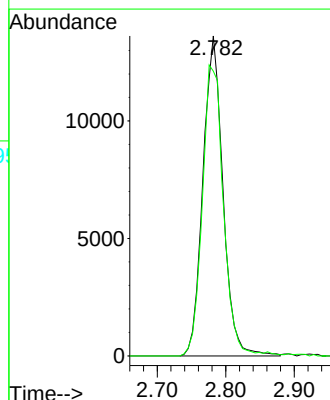
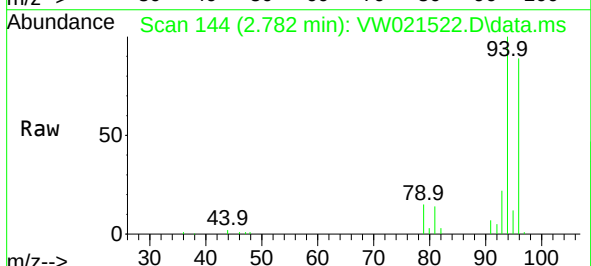
Instrument :
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 ClientSampleId :
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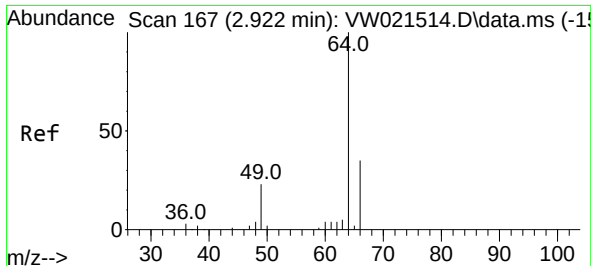
Tgt Ion: 62 Resp: 46301
 Ion Ratio Lower Upper
 62 100
 64 38.0 24.4 45.2



#6
 Bromomethane
 Concen: 16.527 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

Tgt Ion: 94 Resp: 27719
 Ion Ratio Lower Upper
 94 100
 96 89.0 64.8 120.4

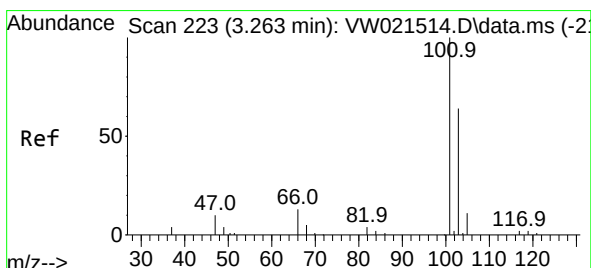
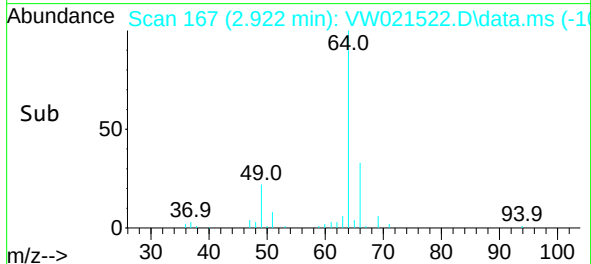
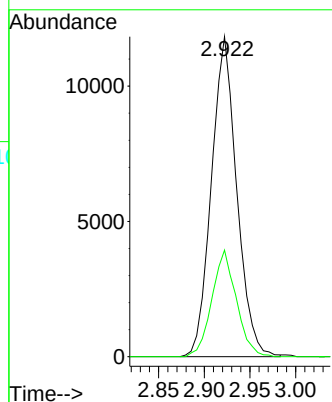
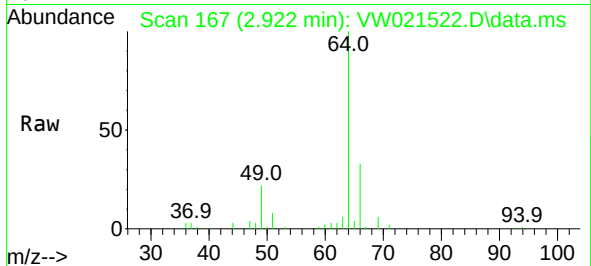




#8
Chloroethane
Concen: 19.183 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

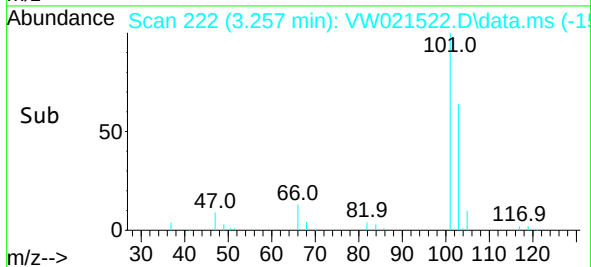
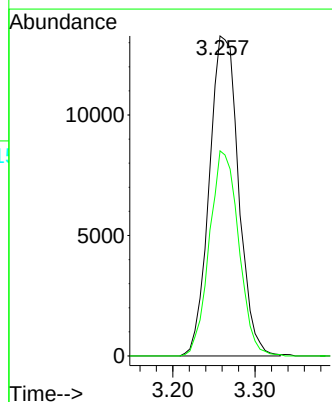
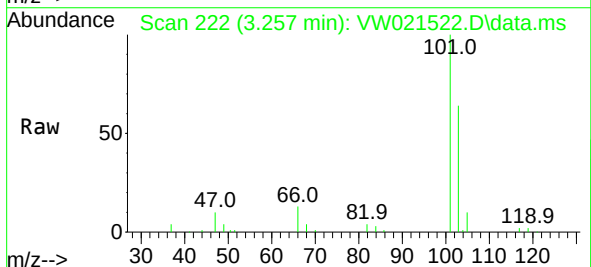
Instrument :
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ClientSampleId :
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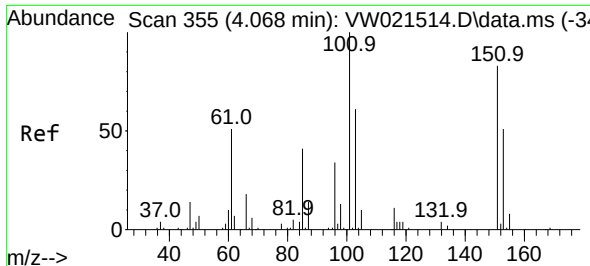
Tgt Ion: 64 Resp: 22852
Ion Ratio Lower Upper
64 100
66 33.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.102 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 101 Resp: 32883
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

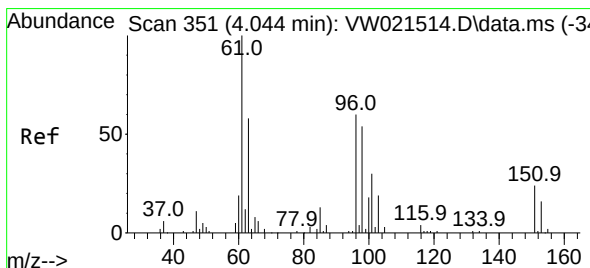
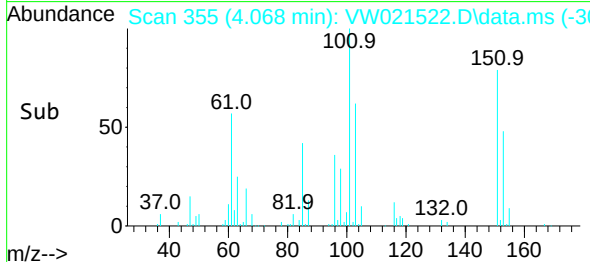
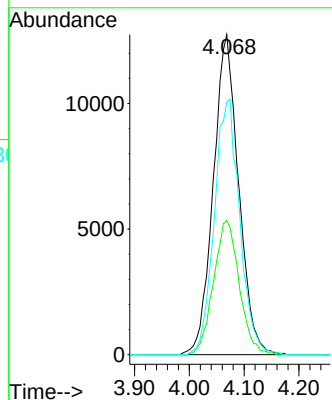
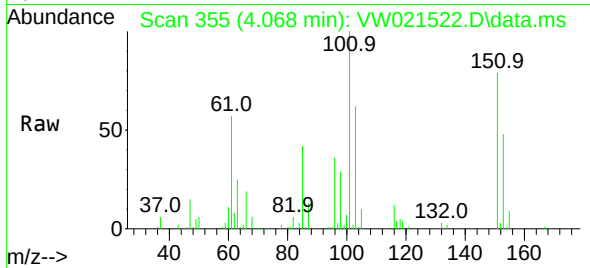




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.958 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

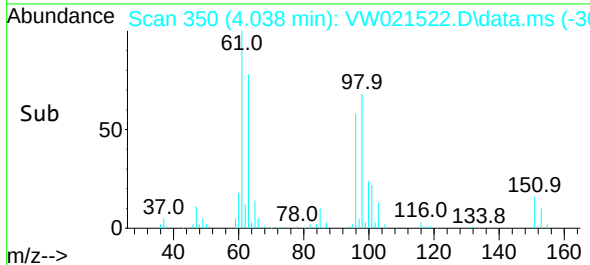
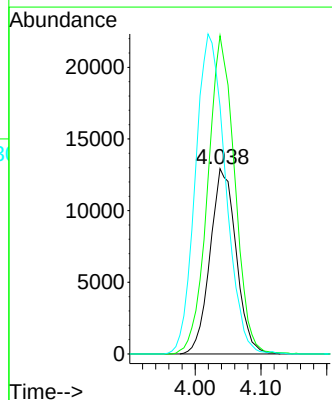
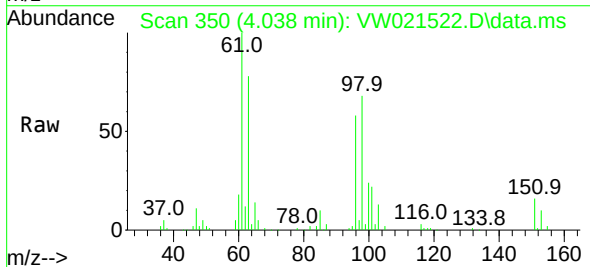
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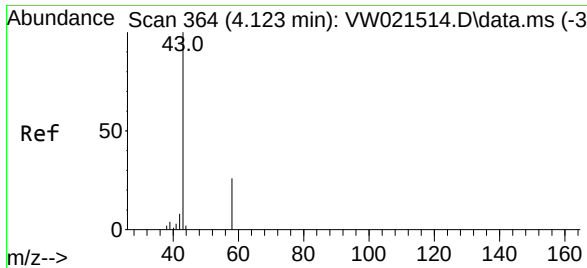
Tgt Ion:101 Resp: 40821
 Ion Ratio Lower Upper
 101 100
 85 42.7 36.6 54.8
 151 80.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.376 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

Tgt Ion: 96 Resp: 35715
 Ion Ratio Lower Upper
 96 100
 61 171.7 138.3 256.9
 63 133.6 82.6 153.4

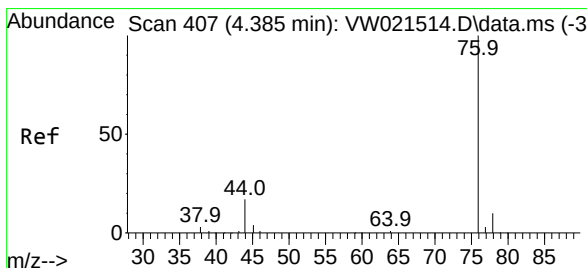
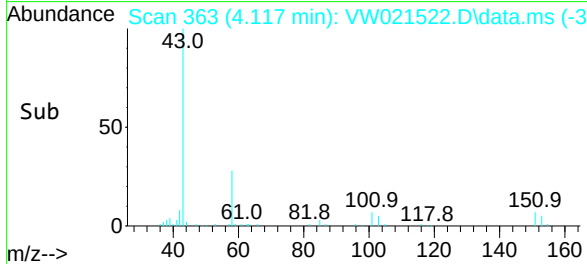
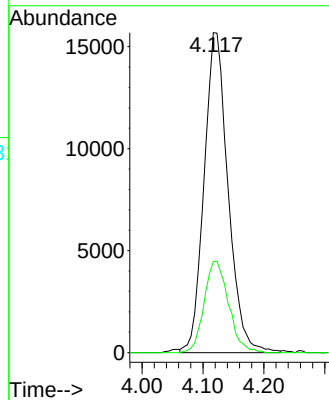
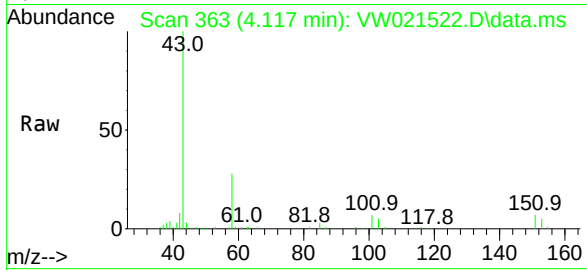




#13
Acetone
Concen: 144.874 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

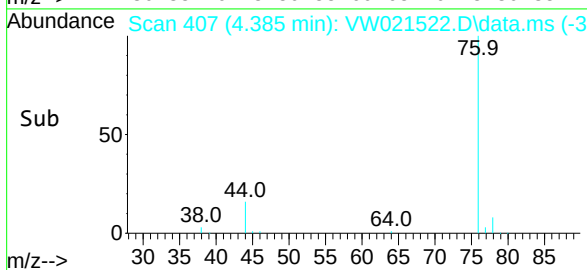
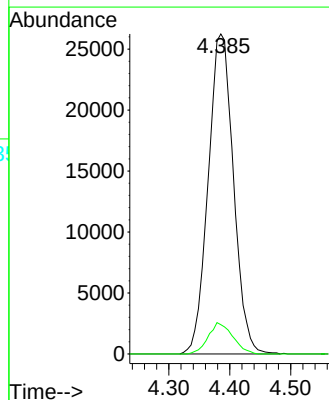
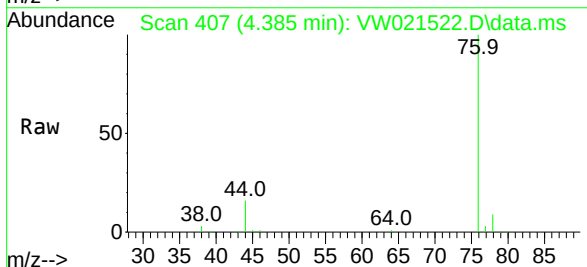
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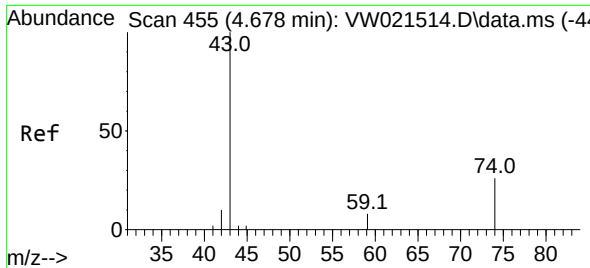
Tgt Ion: 43 Resp: 42934
Ion Ratio Lower Upper
43 100
58 29.1 0.0 52.8



#14
Carbon disulfide
Concen: 18.376 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 75745
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

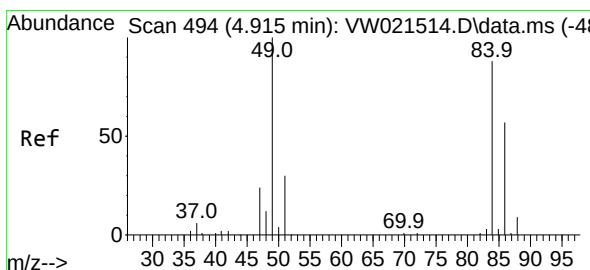
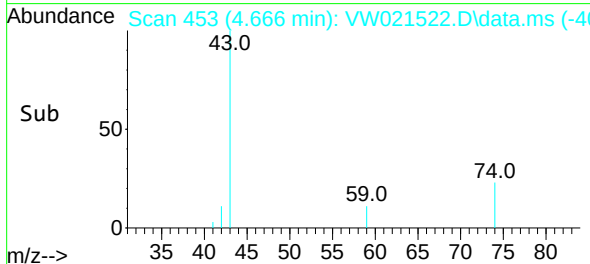
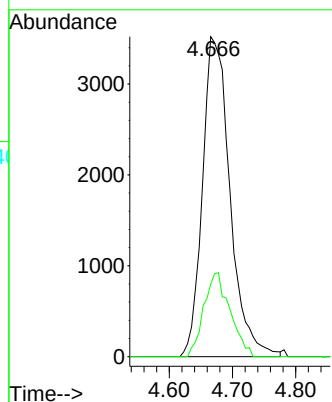
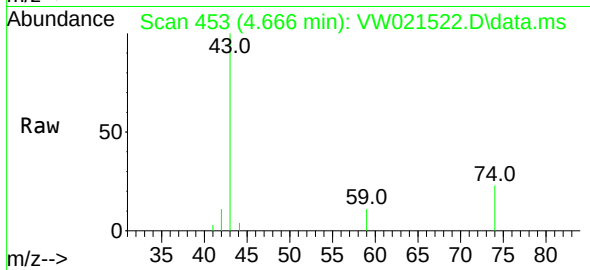




#15
Methyl Acetate
Concen: 20.802 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

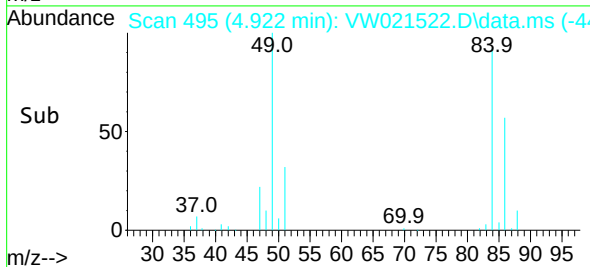
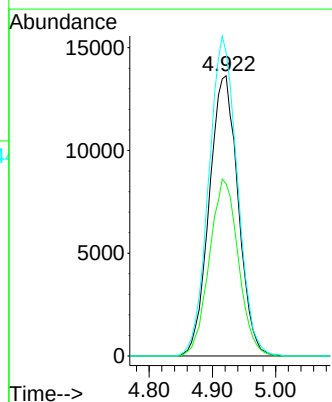
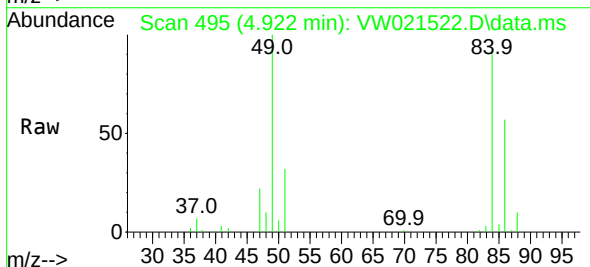
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

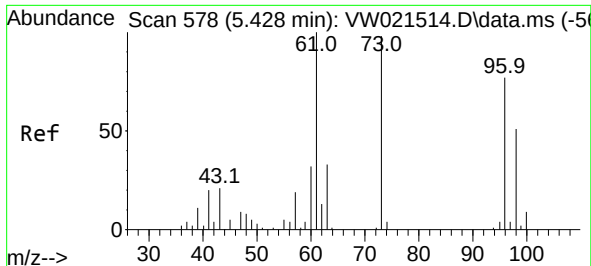
Tgt Ion: 43 Resp: 10637
Ion Ratio Lower Upper
43 100
74 24.9 16.4 24.6#



#16
Methylene chloride
Concen: 20.320 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 84 Resp: 43235
Ion Ratio Lower Upper
84 100
86 61.5 45.5 84.5
49 108.2 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.776 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

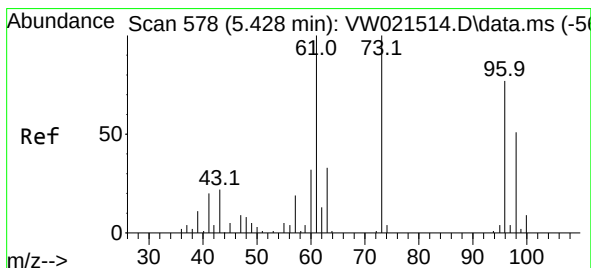
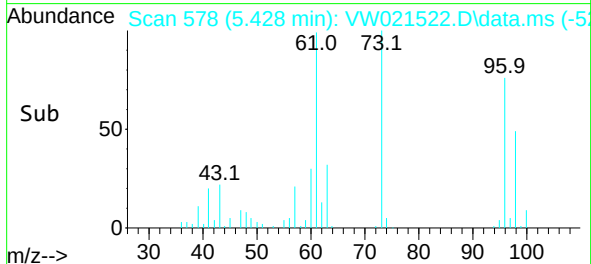
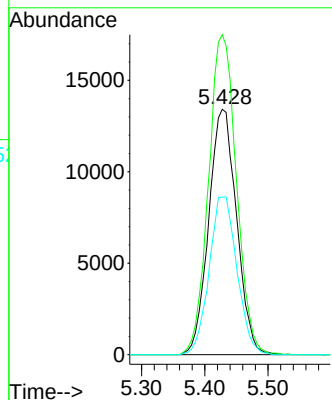
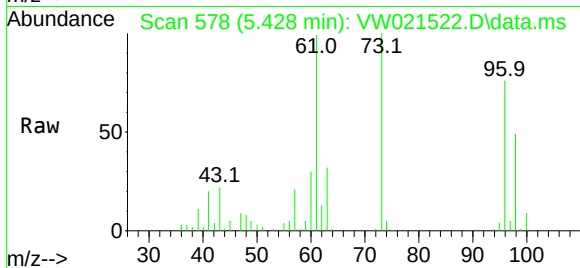
Tgt Ion: 96 Resp: 41090

Ion Ratio Lower Upper

96 100

61 130.3 107.4 199.4

98 64.2 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.390 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

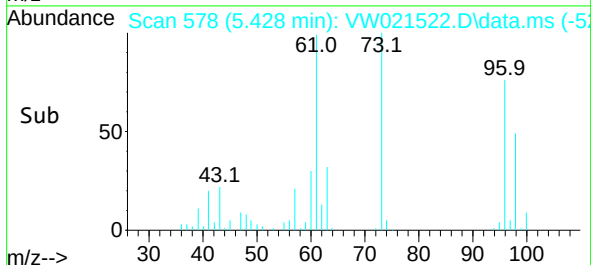
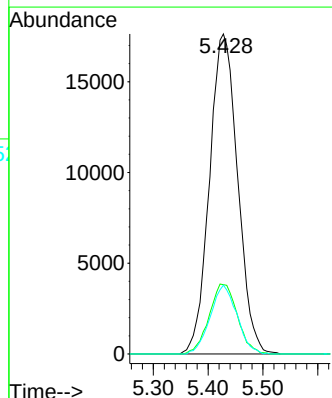
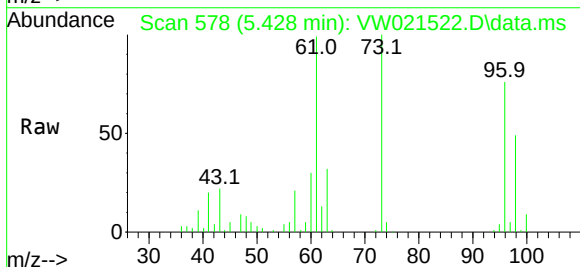
Tgt Ion: 73 Resp: 62989

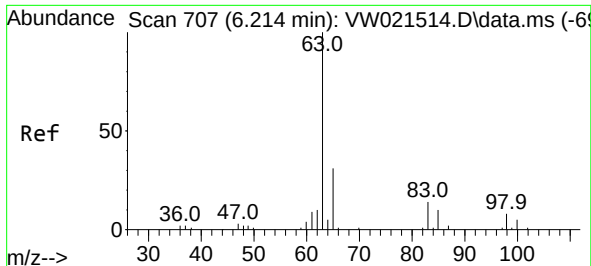
Ion Ratio Lower Upper

73 100

43 21.9 19.5 29.3

57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.780 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

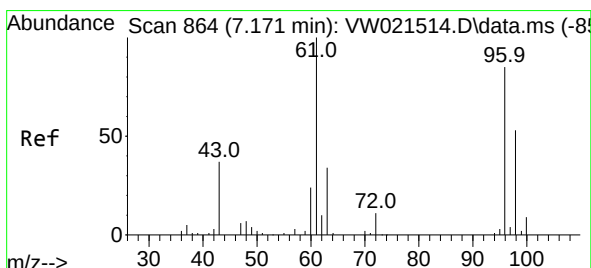
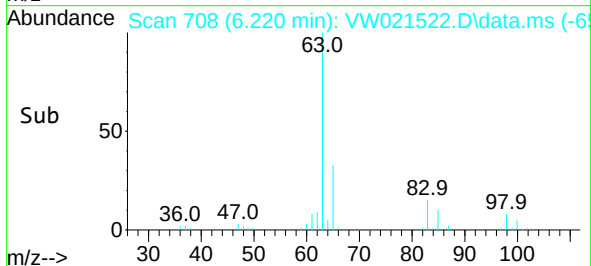
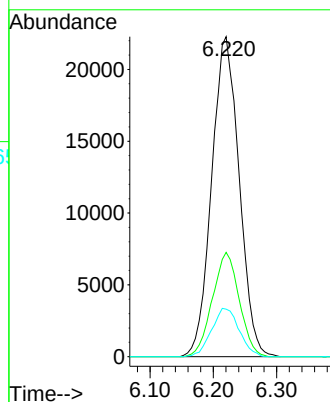
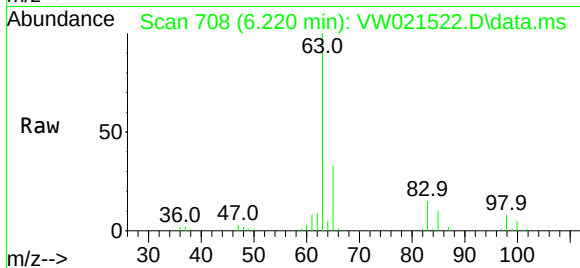
Tgt Ion: 63 Resp: 67202

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 14.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 27.946 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

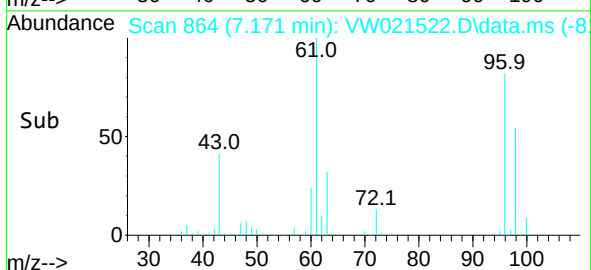
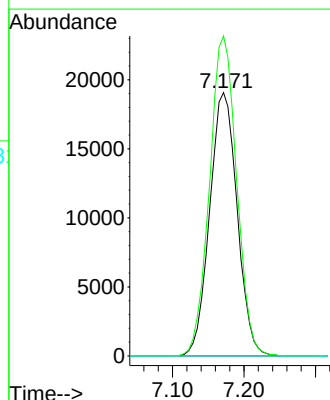
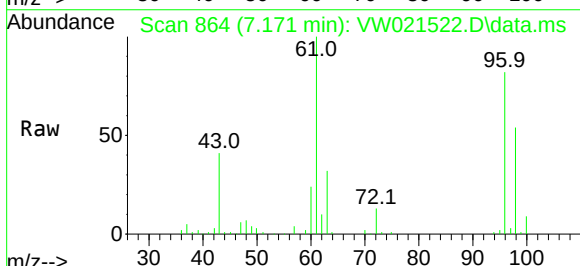
Tgt Ion: 96 Resp: 50941

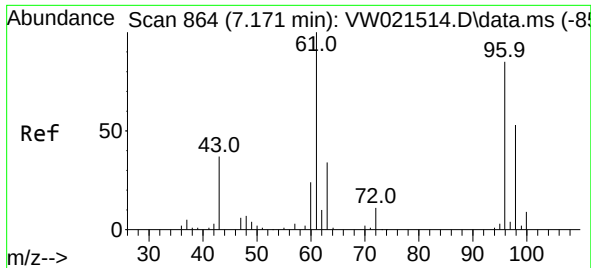
Ion Ratio Lower Upper

96 100

61 121.5 103.7 192.7

68 0.0 0.0 0.0

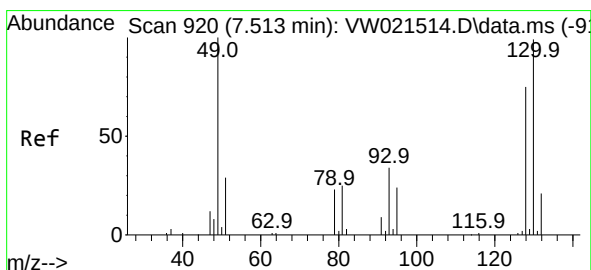
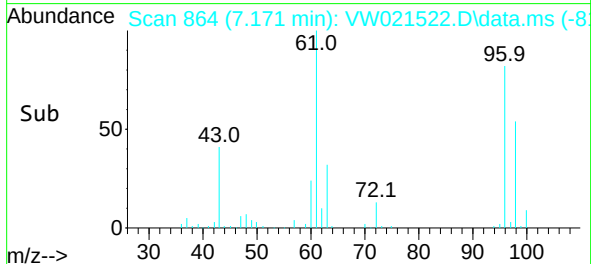
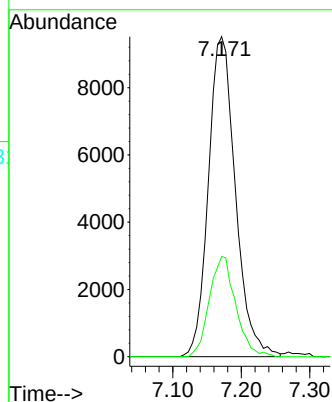
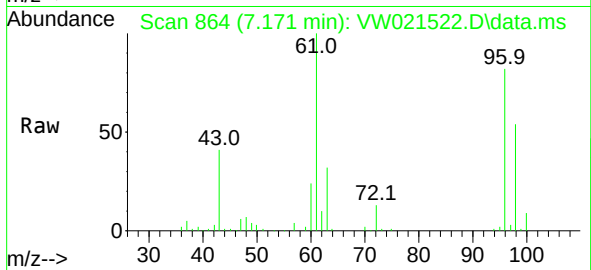




#22
2-Butanone
Concen: 67.382 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

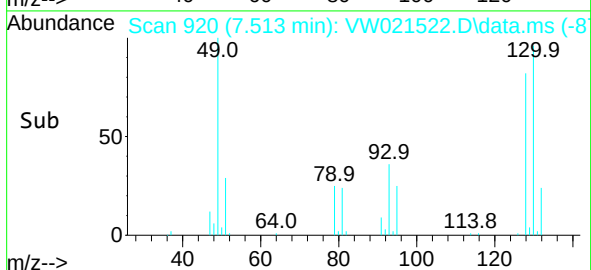
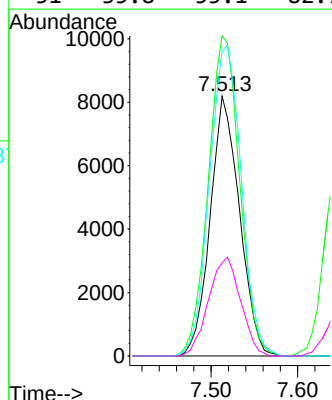
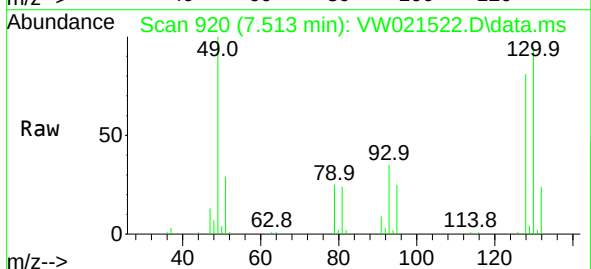
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

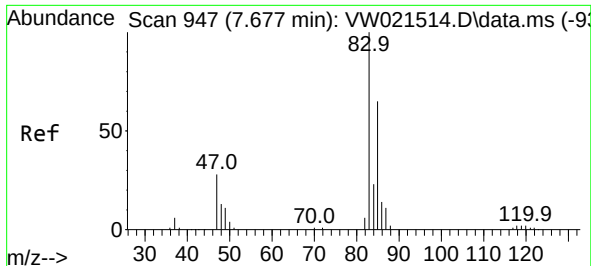
Tgt Ion: 43 Resp: 26078
Ion Ratio Lower Upper
43 100
72 30.1 11.8 35.4



#23
Bromochloromethane
Concen: 22.604 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 128 Resp: 19266
Ion Ratio Lower Upper
128 100
49 123.2 150.3 279.1#
130 117.3 88.3 163.9
51 35.8 55.1 82.7#





#25

Chloroform

Concen: 23.808 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

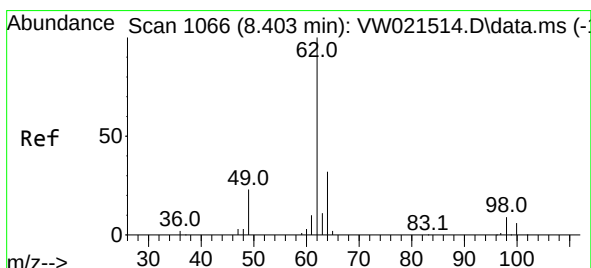
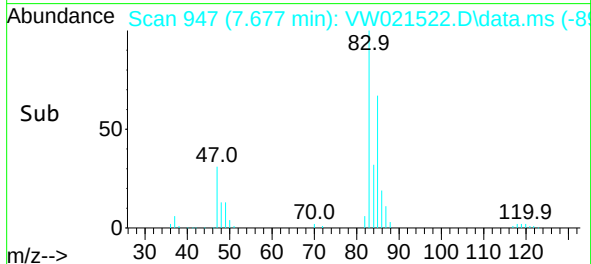
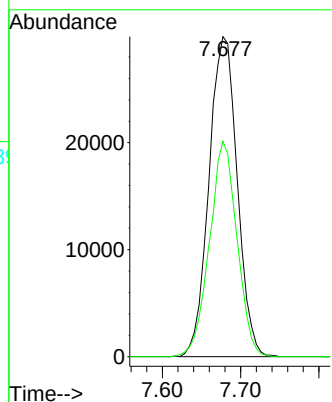
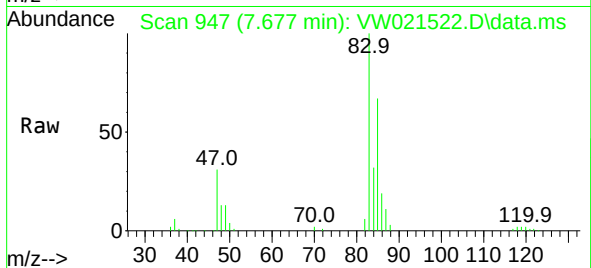
H0AN3MSD

Tgt Ion: 83 Resp: 74952

Ion Ratio Lower Upper

83 100

85 67.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.008 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021522.D

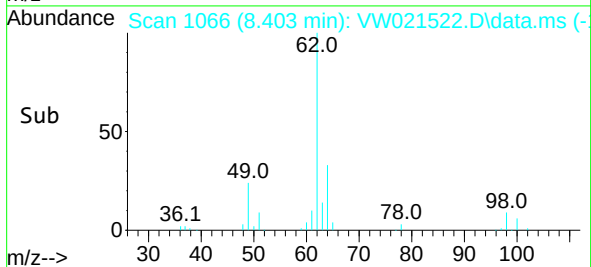
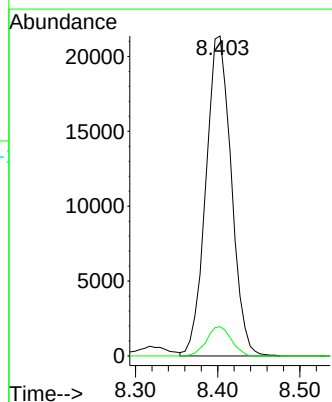
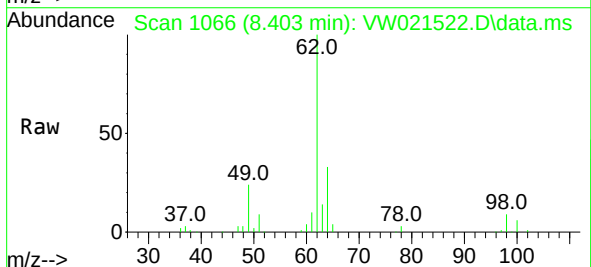
Acq: 21 Dec 2021 13:28

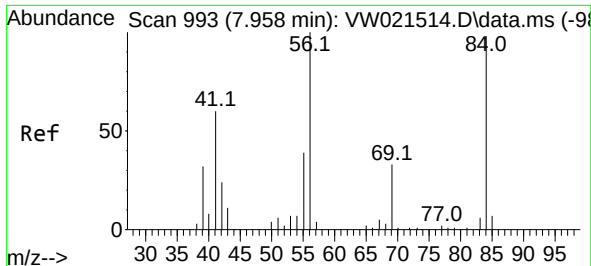
Tgt Ion: 62 Resp: 45868

Ion Ratio Lower Upper

62 100

98 9.2 6.5 9.7

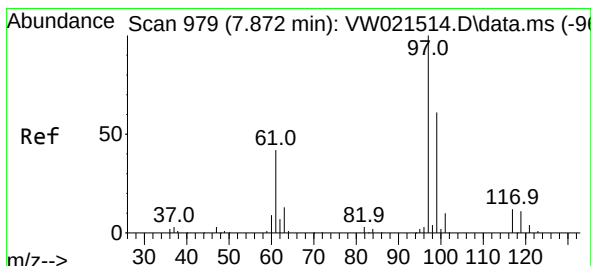
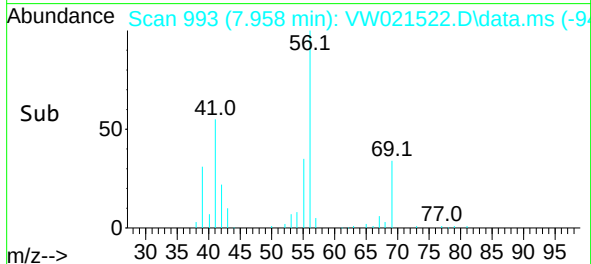
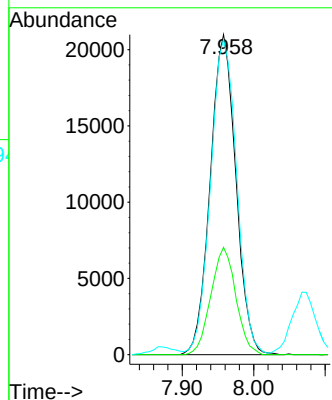
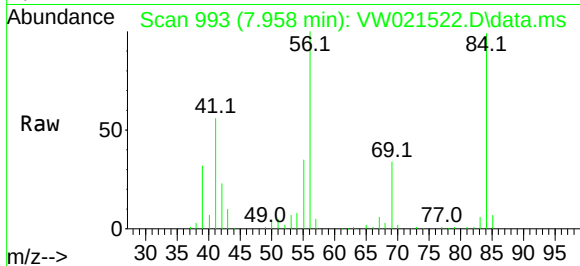




#29
Cyclohexane
Concen: 23.978 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

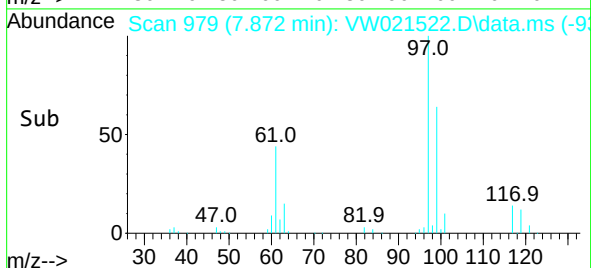
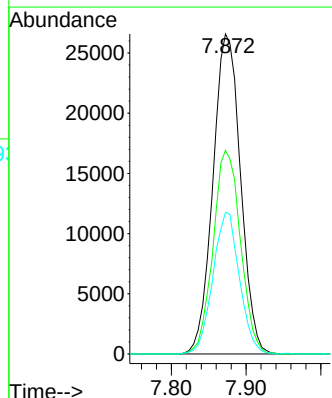
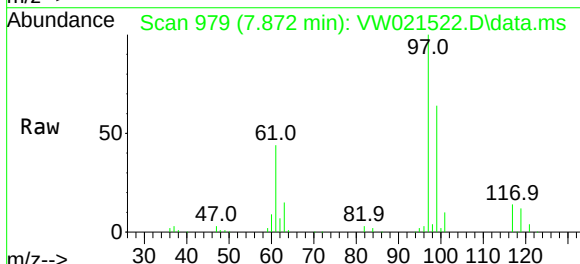
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

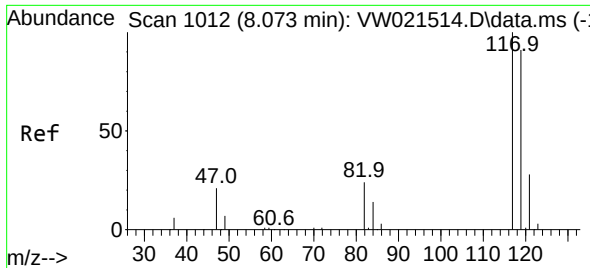
Tgt Ion:	56	Resp:	52256
Ion	Ratio	Lower	Upper
56	100		
69	32.6	23.5	35.3
84	100.6	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 27.793 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion:	97	Resp:	68280
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.6	77.4
61	42.5	40.9	61.3

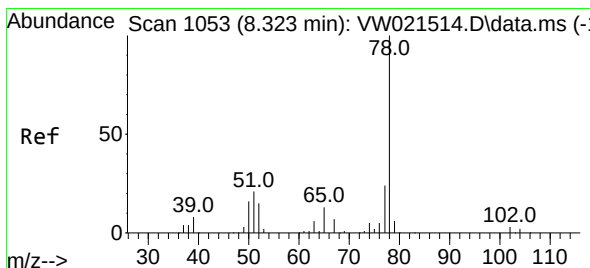
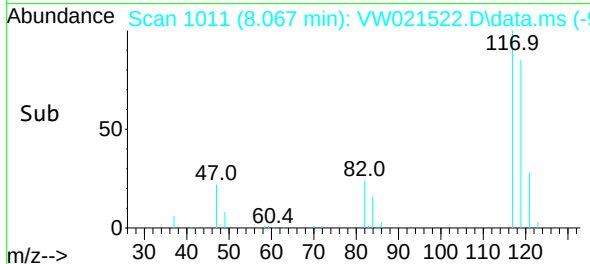
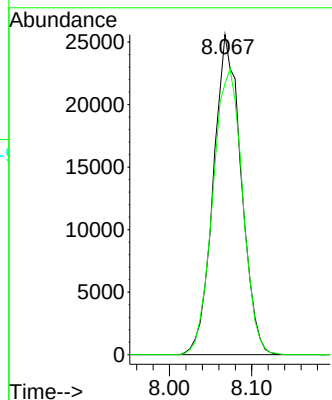
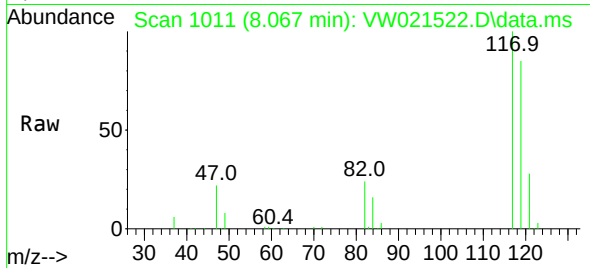




#31
Carbon tetrachloride
Concen: 26.461 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

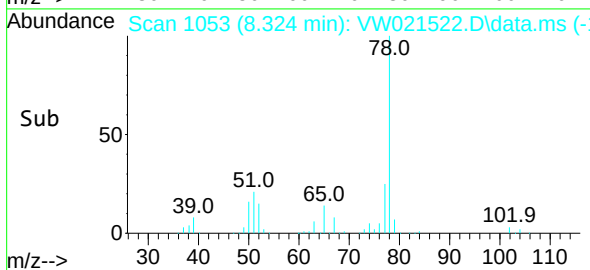
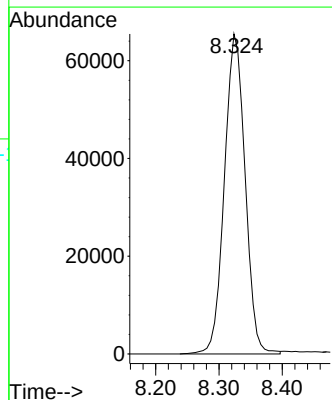
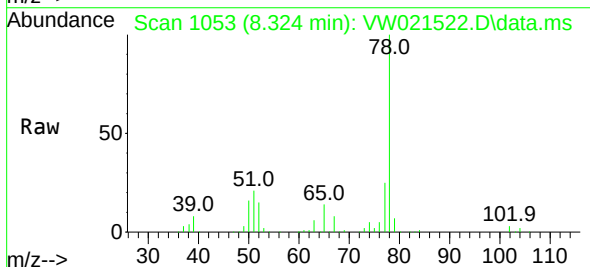
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

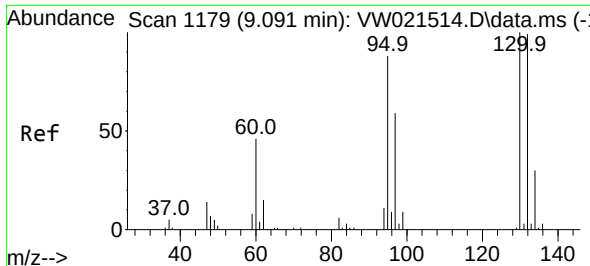
Tgt Ion:117 Resp: 59967
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 24.958 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 78 Resp: 148868



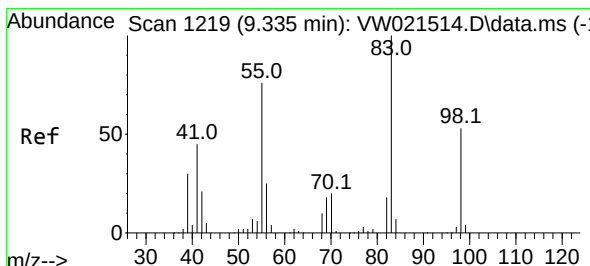
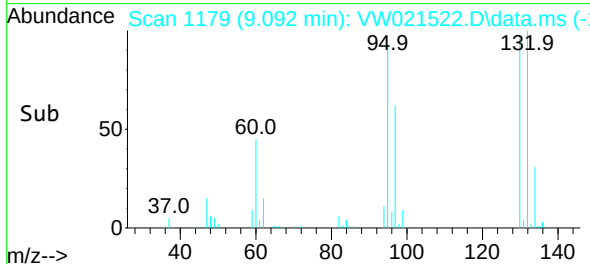
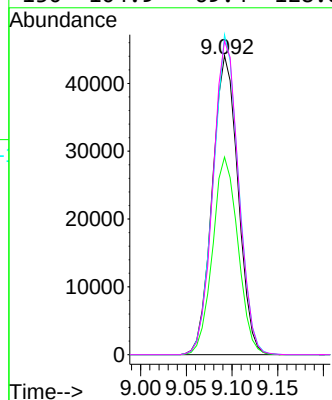
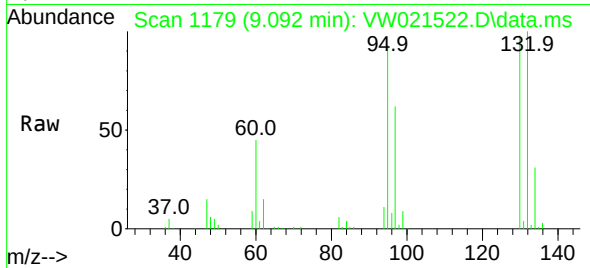


#34
Trichloroethene
Concen: 51.454 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

Tgt Ion: 95 Resp: 86153

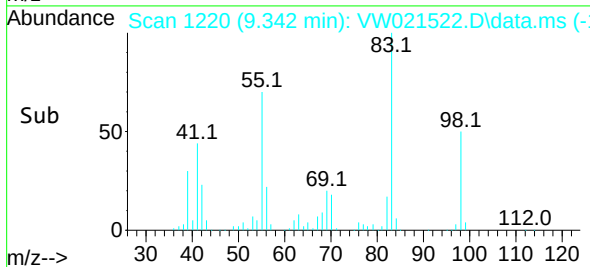
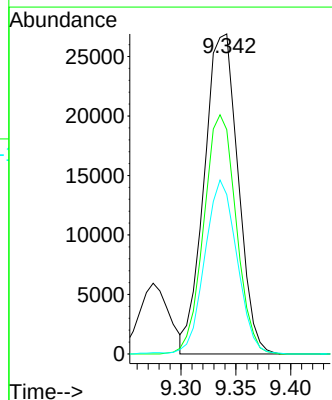
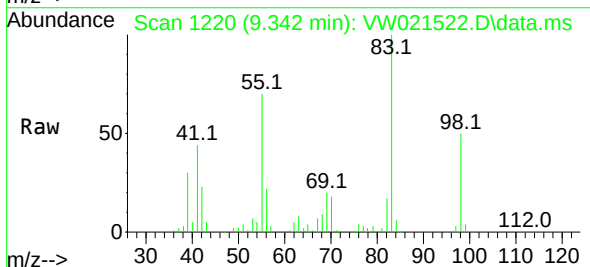
Ion	Ratio	Lower	Upper
95	100		
97	66.1	47.0	87.2
132	107.0	65.5	121.6
130	104.9	69.4	128.8

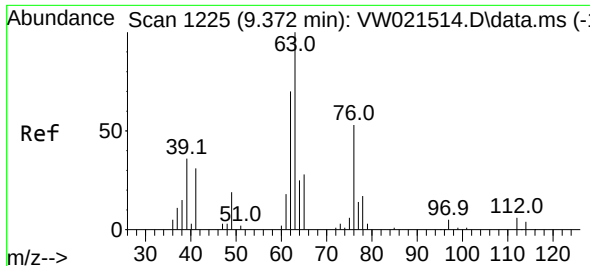


#35
Methylcyclohexane
Concen: 20.944 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 83 Resp: 57848

Ion	Ratio	Lower	Upper
83	100		
55	71.4	70.8	106.2
98	51.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.110 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

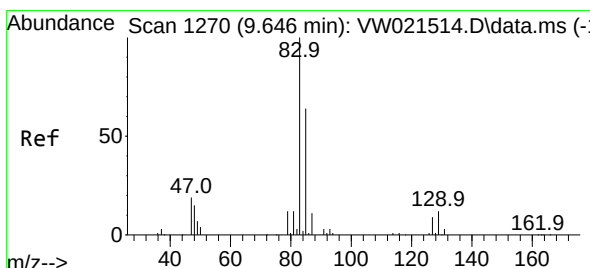
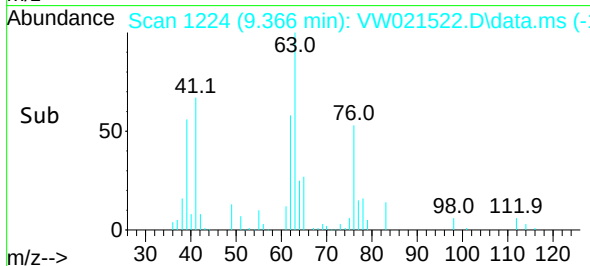
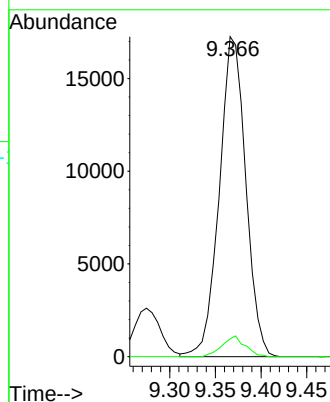
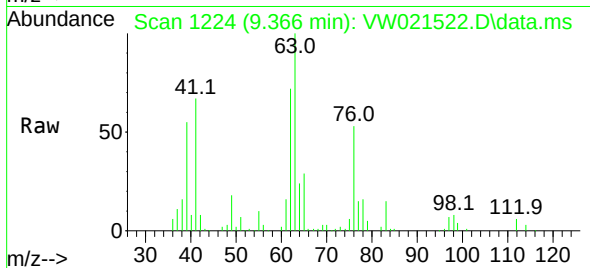
H0AN3MSD

Tgt Ion: 63 Resp: 34738

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.446 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

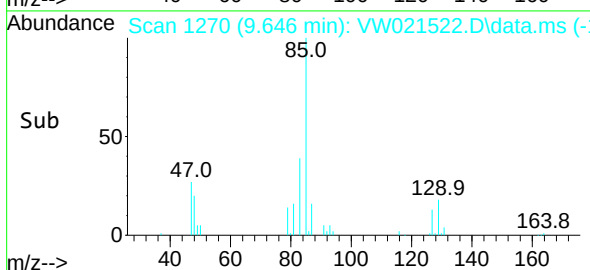
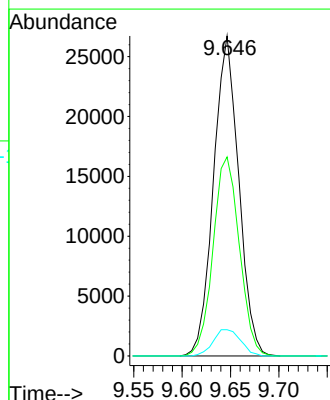
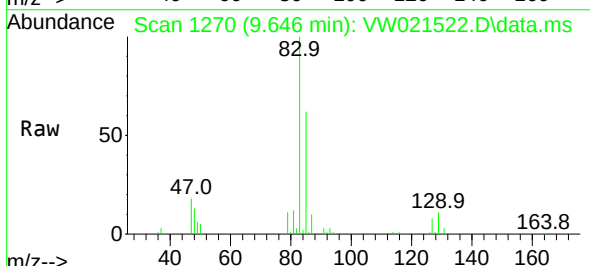
Tgt Ion: 83 Resp: 48378

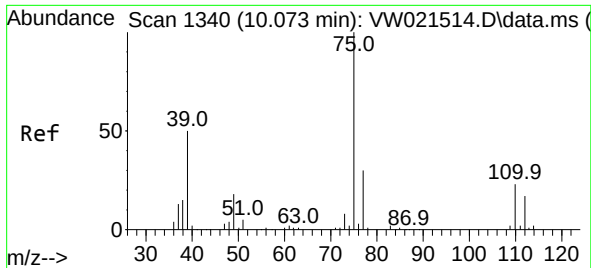
Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

127 8.2 6.1 9.1

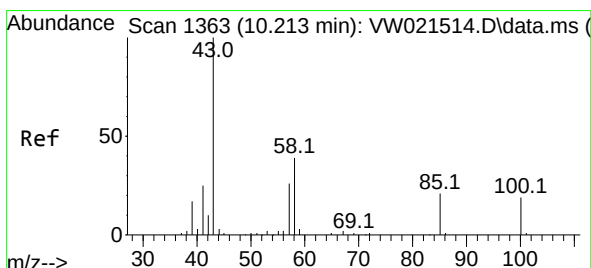
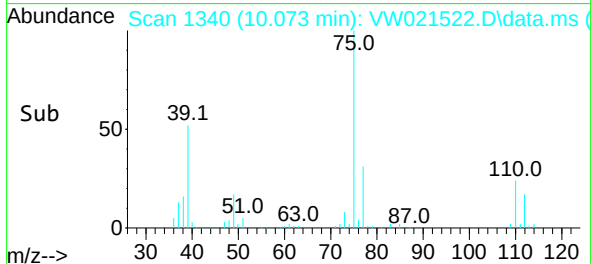
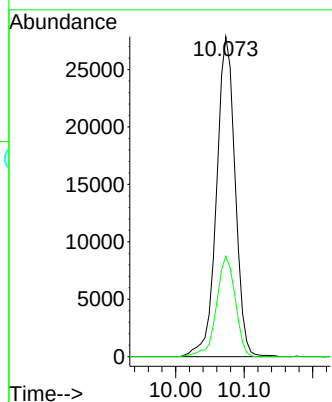
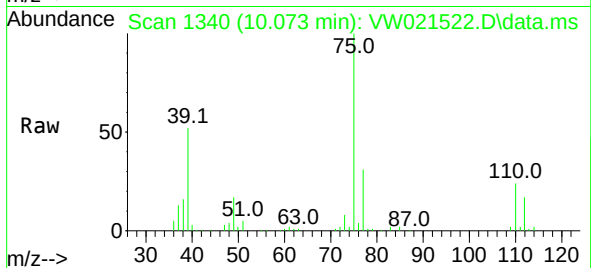




#39
 cis-1,3-Dichloropropene
 Concen: 24.991 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

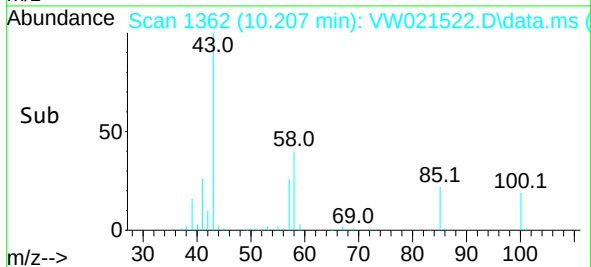
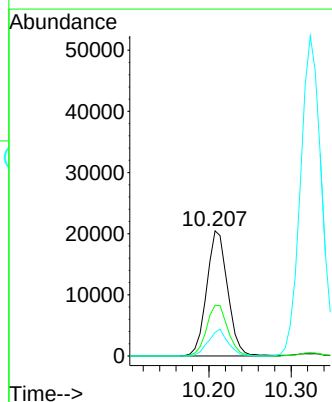
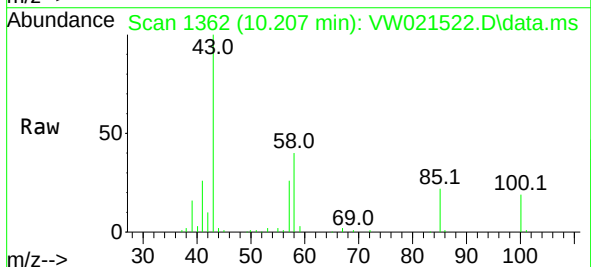
Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MSD

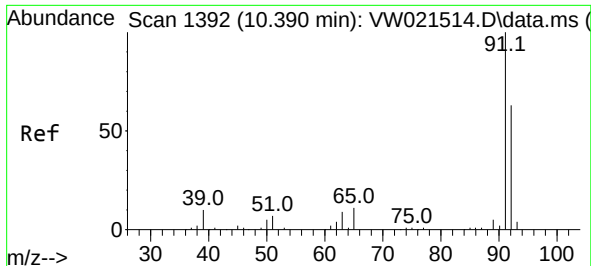
Tgt Ion: 75 Resp: 52413
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 49.948 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW021522.D
 Acq: 21 Dec 2021 13:28

Tgt Ion: 43 Resp: 36209
 Ion Ratio Lower Upper
 43 100
 58 41.1 28.8 43.2
 100 20.0 10.0 15.0#





#42

Toluene

Concen: 22.899 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

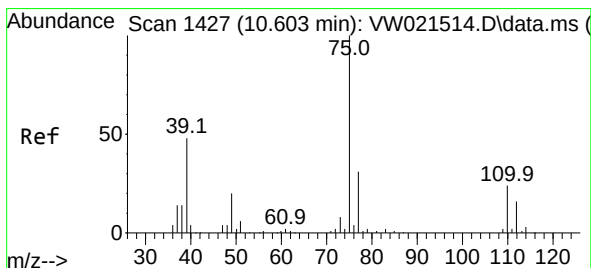
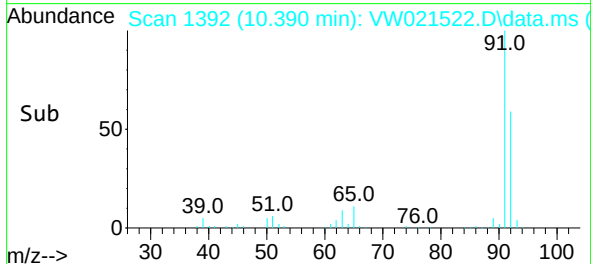
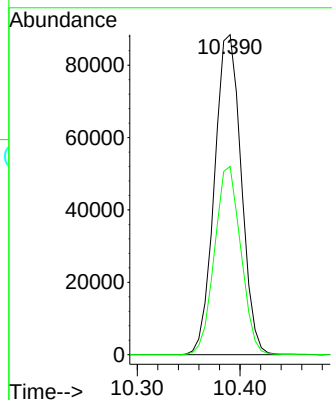
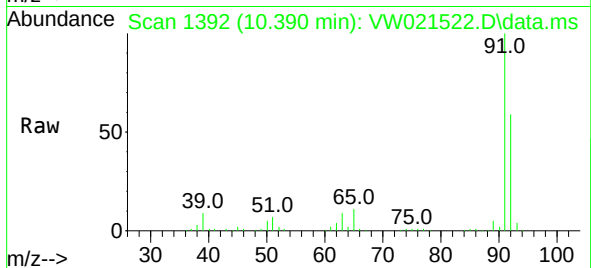
H0AN3MSD

Tgt Ion: 91 Resp: 159741

Ion Ratio Lower Upper

91 100

92 58.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 23.372 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021522.D

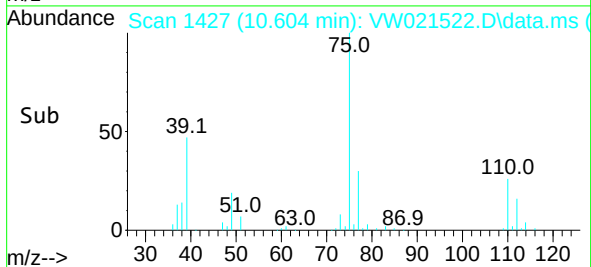
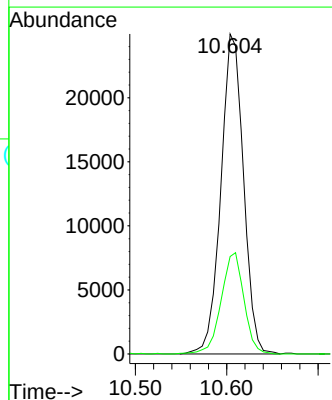
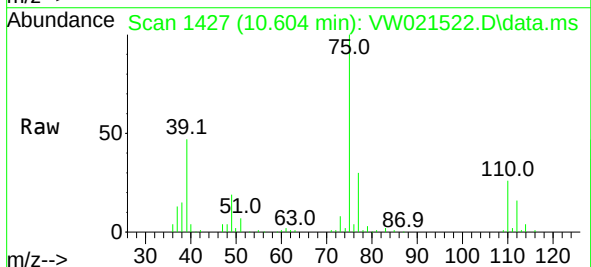
Acq: 21 Dec 2021 13:28

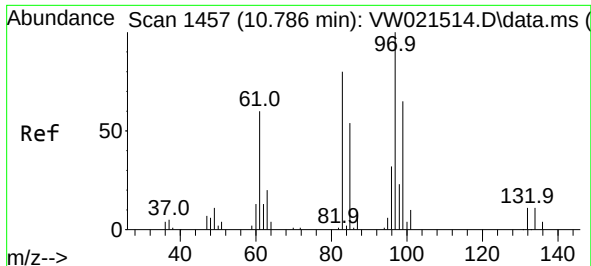
Tgt Ion: 75 Resp: 42933

Ion Ratio Lower Upper

75 100

77 30.5 22.2 41.2



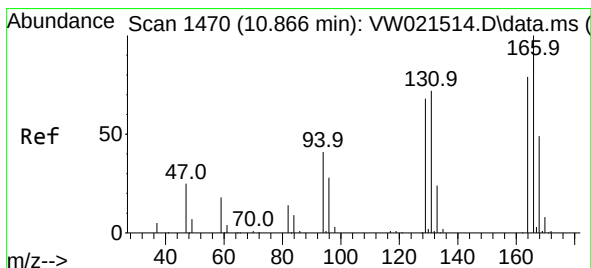
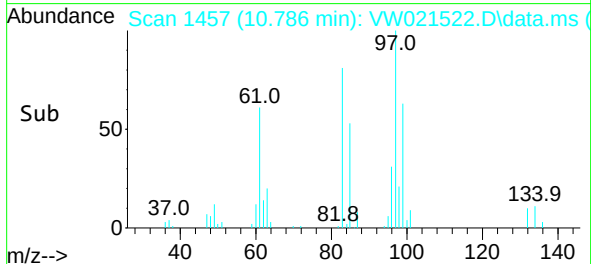
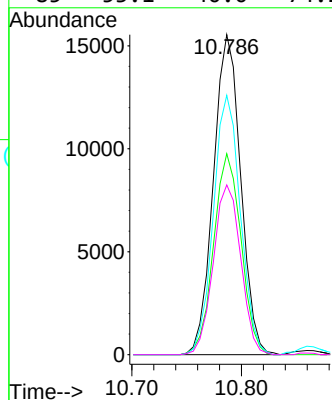
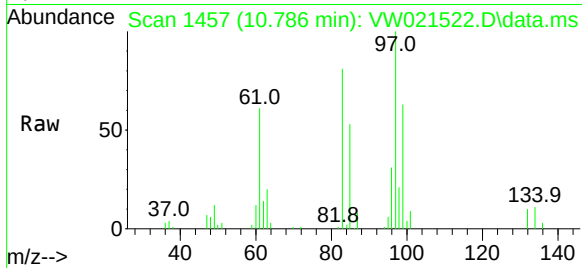


#45
1,1,2-Trichloroethane
Concen: 24.680 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

Tgt Ion: 97 Resp: 26875

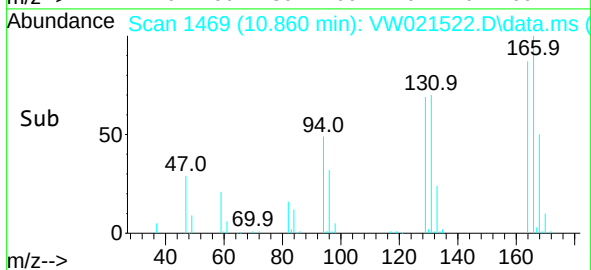
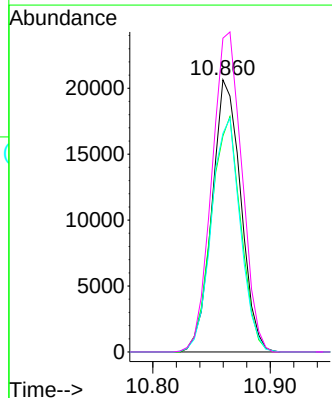
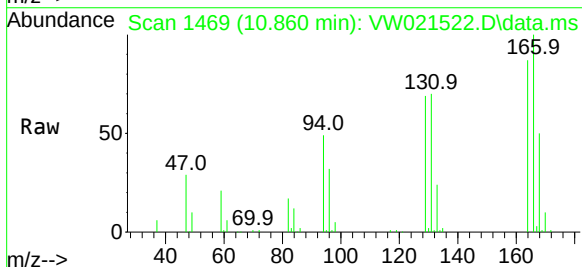
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.0	79.8
83	81.1	62.6	116.3
85	53.1	40.0	74.2

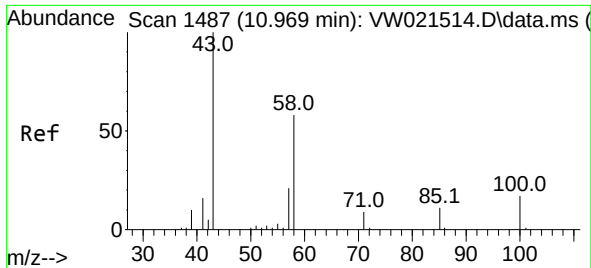


#46
Tetrachloroethene
Concen: 22.045 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 164 Resp: 35065

Ion	Ratio	Lower	Upper
164	100		
129	79.4	65.5	121.7
131	80.3	59.7	110.9
166	115.3	88.7	164.7

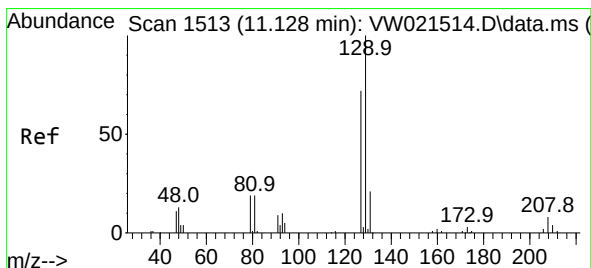
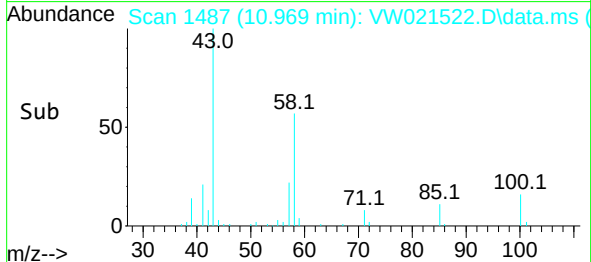
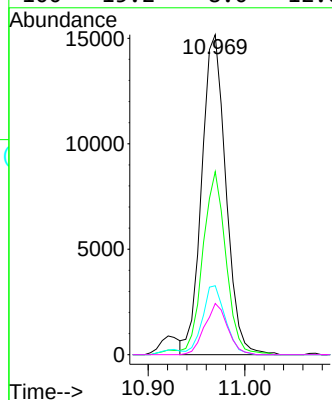
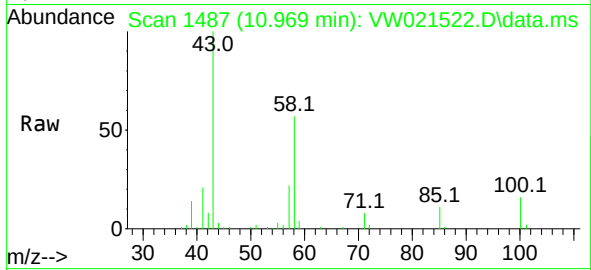




#48
2-Hexanone
Concen: 50.111 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

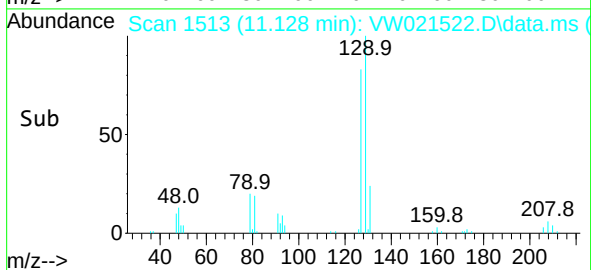
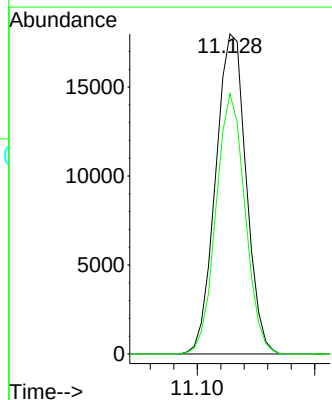
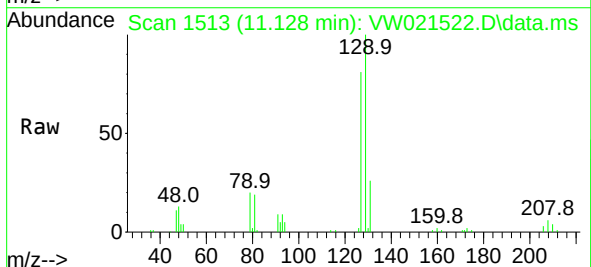
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

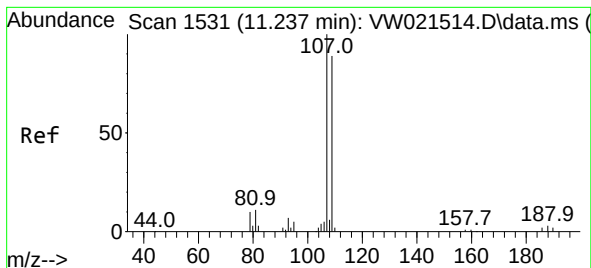
Tgt Ion: 43 Resp: 26344
Ion Ratio Lower Upper
43 100
58 54.7 40.2 60.2
57 20.3 14.3 21.5
100 15.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.208 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 129 Resp: 32498
Ion Ratio Lower Upper
129 100
127 81.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.063 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

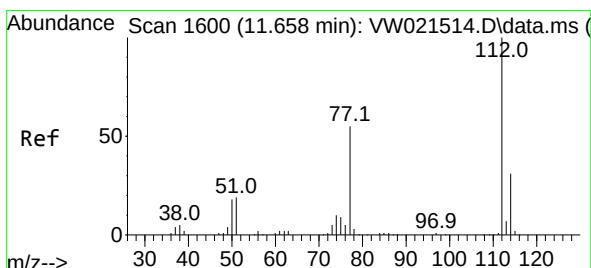
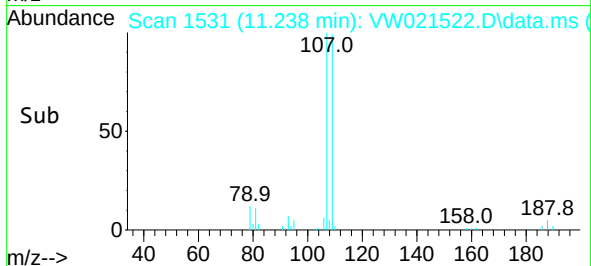
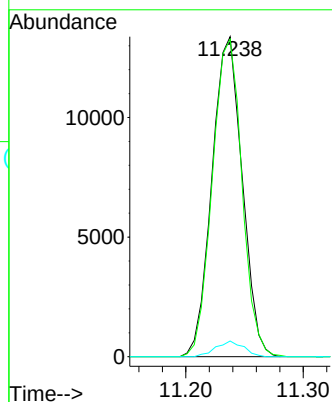
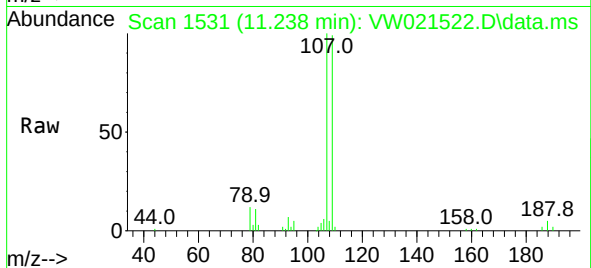
Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

Tgt Ion:	107	Resp:	23910
Ion	Ratio	Lower	Upper
107	100		
109	99.2	64.1	119.1
188	4.9	2.6	3.8#



#51

Chlorobenzene

Concen: 19.714 ug/L

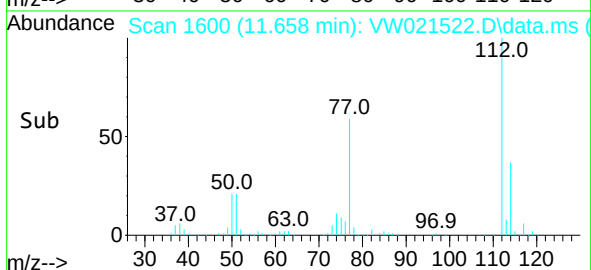
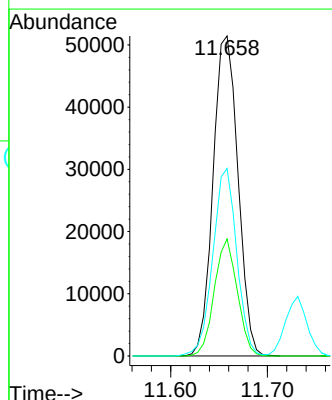
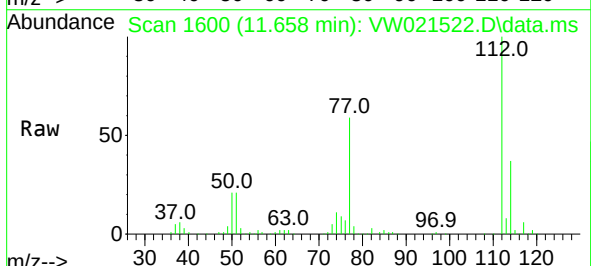
RT: 11.658 min Scan# 1600

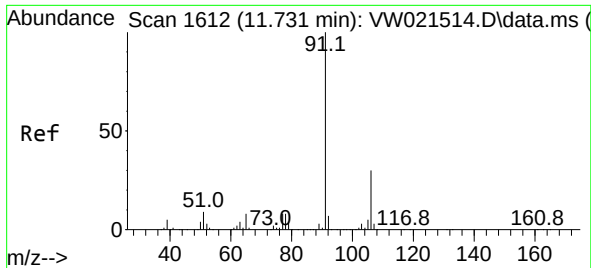
Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Tgt Ion:	112	Resp:	92071
Ion	Ratio	Lower	Upper
112	100		
114	36.6	22.4	41.6
77	58.6	50.2	75.4

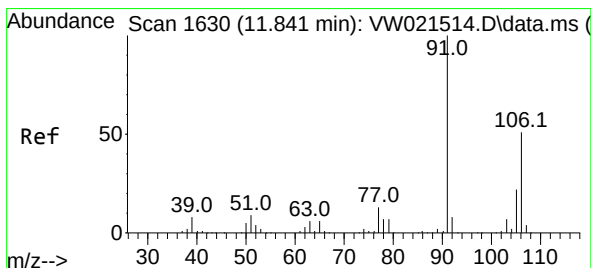
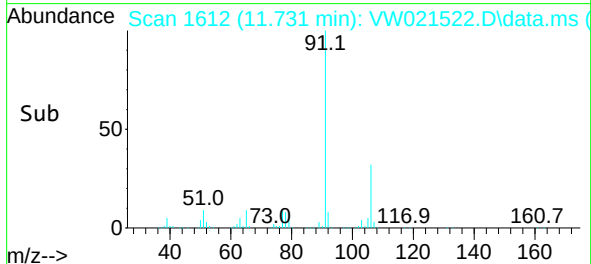
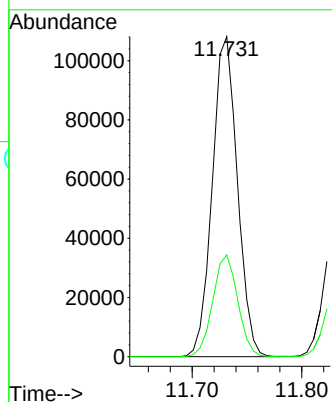
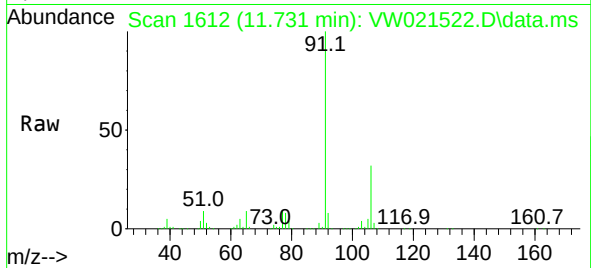




#52
Ethylbenzene
Concen: 21.572 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

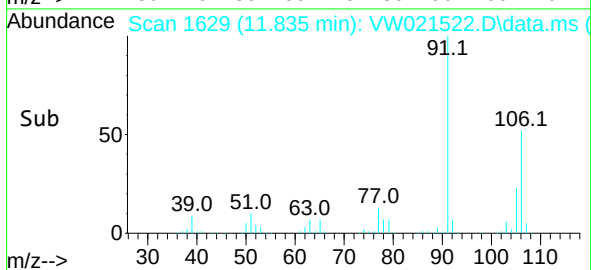
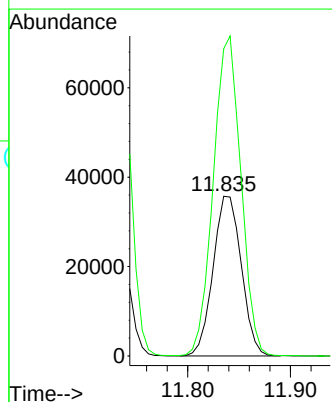
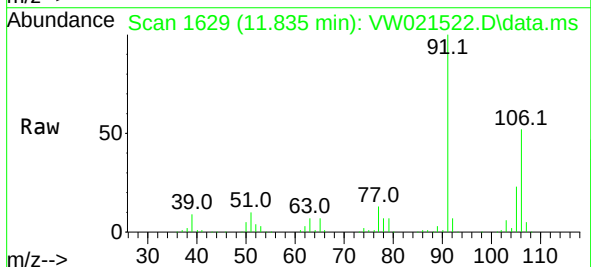
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

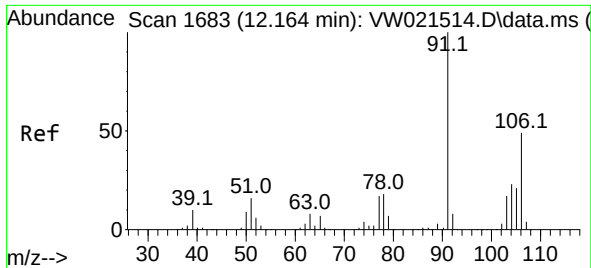
Tgt Ion: 91 Resp: 171970
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 21.193 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 106 Resp: 68153
Ion Ratio Lower Upper
106 100
91 192.3 149.9 278.3

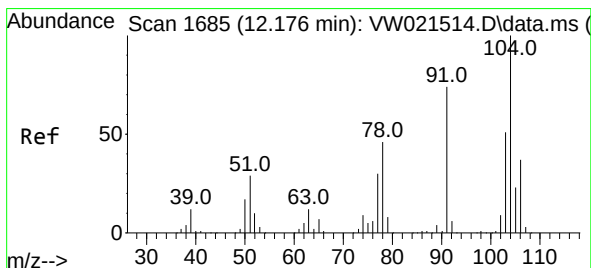
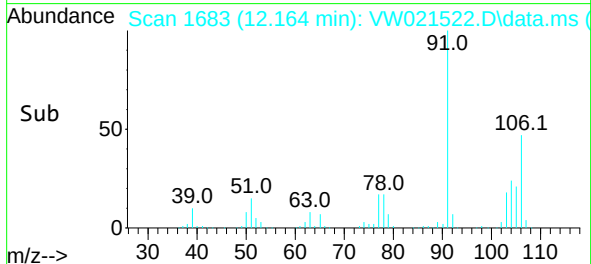
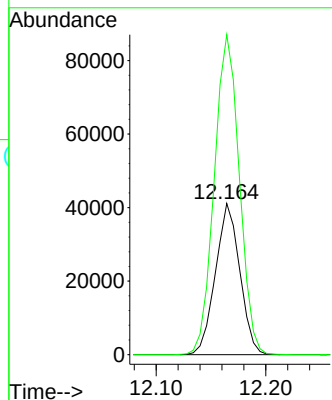
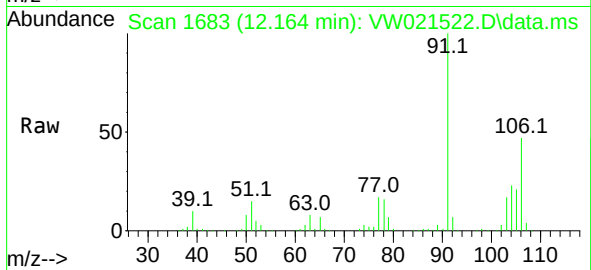




#54
o-Xylene
Concen: 20.813 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

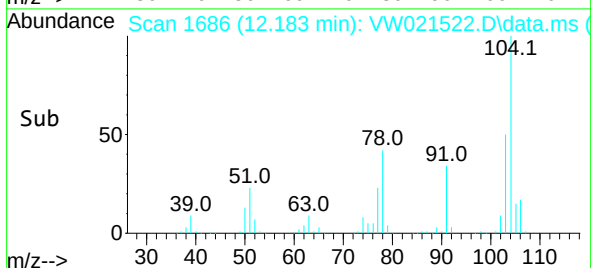
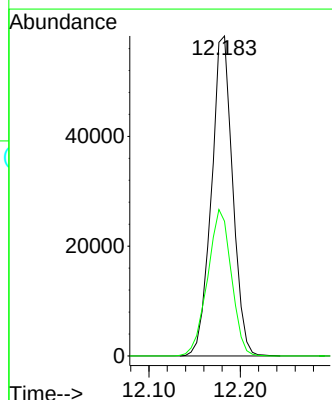
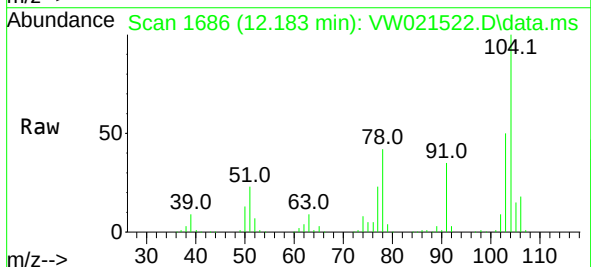
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

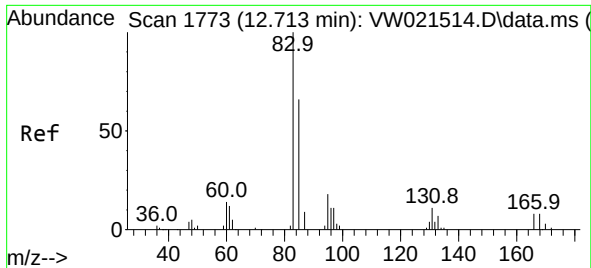
Tgt Ion:106 Resp: 63523
Ion Ratio Lower Upper
106 100
91 211.6 153.6 285.3



#55
Styrene
Concen: 18.125 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion:104 Resp: 94146
Ion Ratio Lower Upper
104 100
78 42.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.379 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

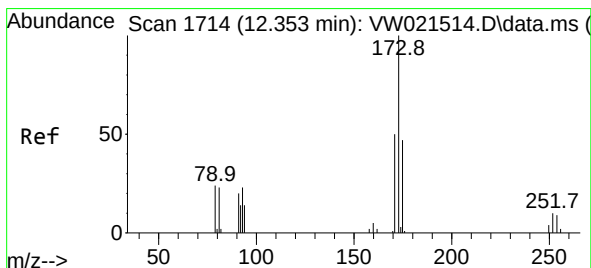
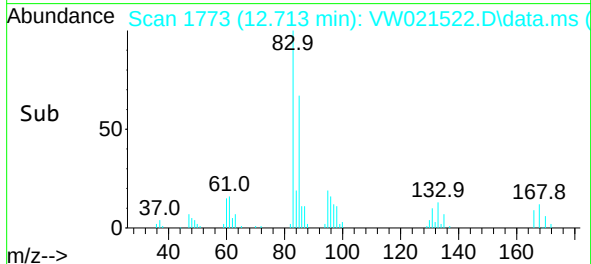
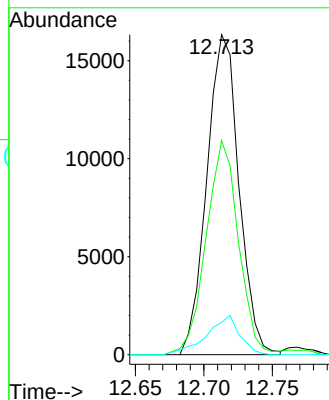
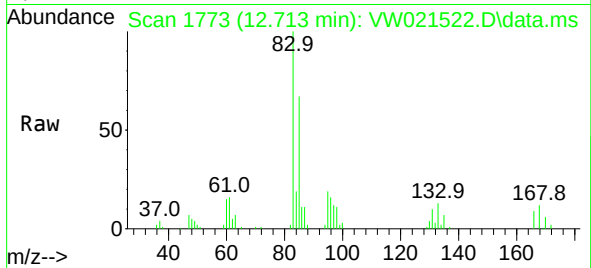
Tgt Ion: 83 Resp: 26688

Ion Ratio Lower Upper

83 100

85 66.9 44.0 81.6

131 10.1 6.9 10.3



#59

Bromoform

Concen: 25.822 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

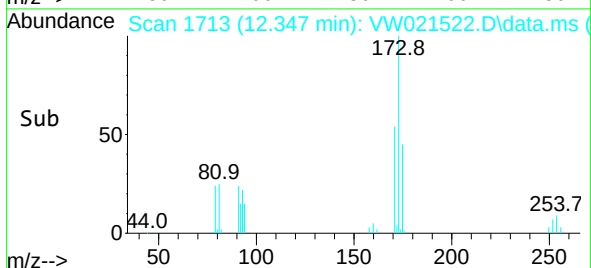
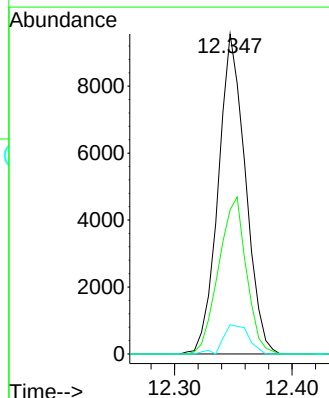
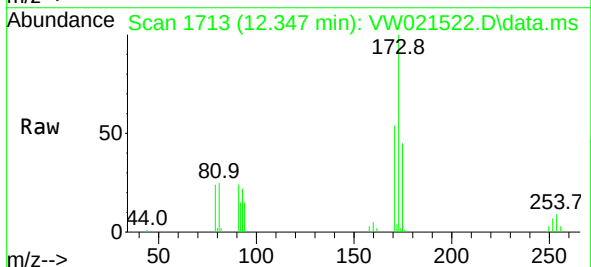
Tgt Ion:173 Resp: 15369

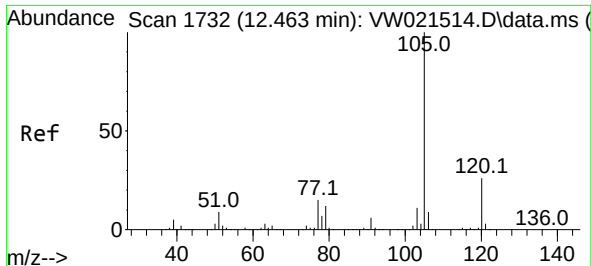
Ion Ratio Lower Upper

173 100

175 49.9 39.6 59.4

254 8.2 7.4 11.0

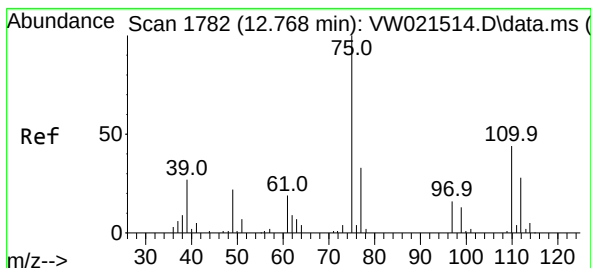
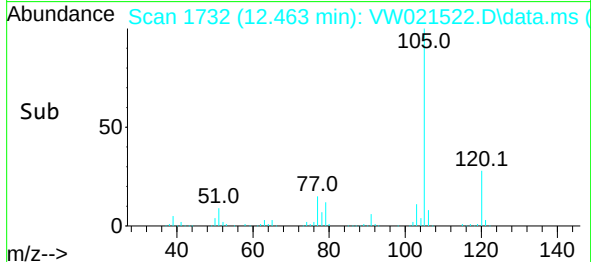
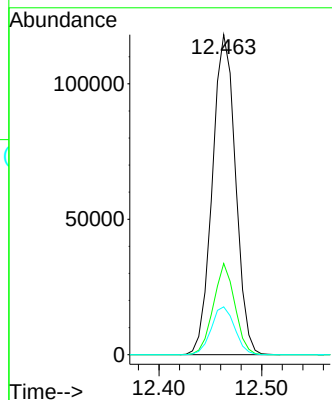
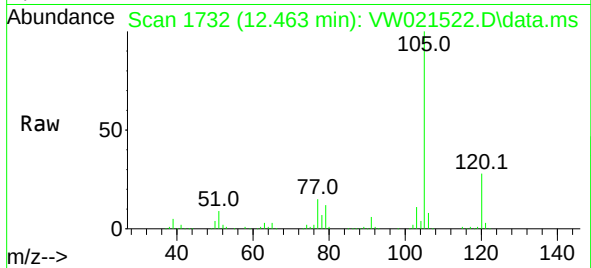




#60
Isopropylbenzene
Concen: 27.207 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

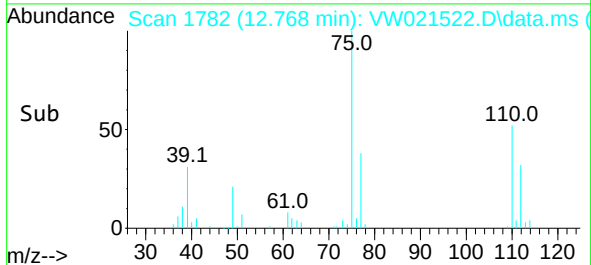
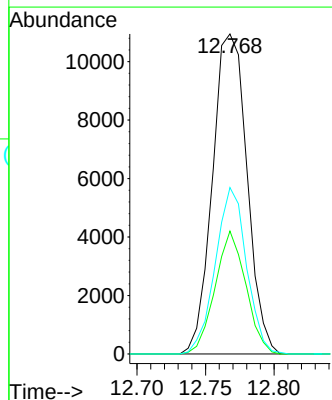
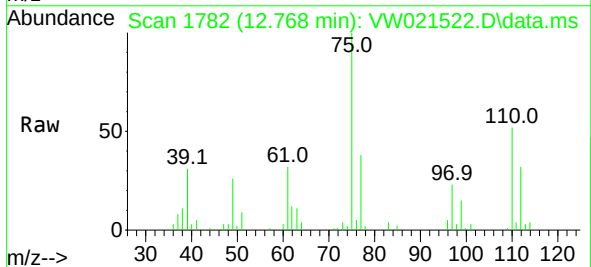
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

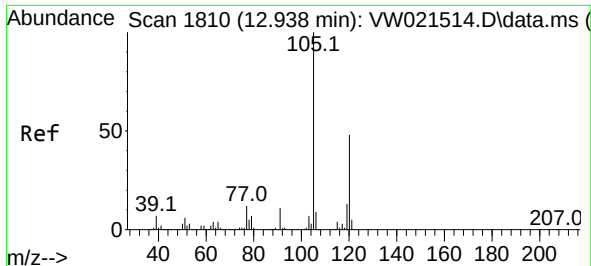
Tgt Ion:105 Resp: 184932
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 15.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.360 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion: 75 Resp: 19191
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.8
110 47.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.813 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

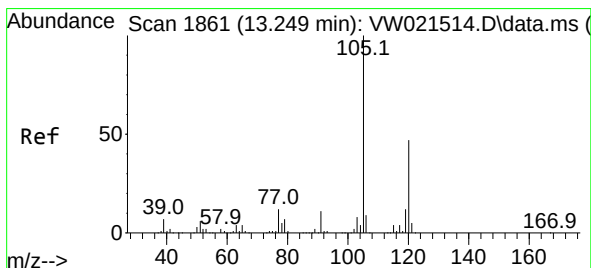
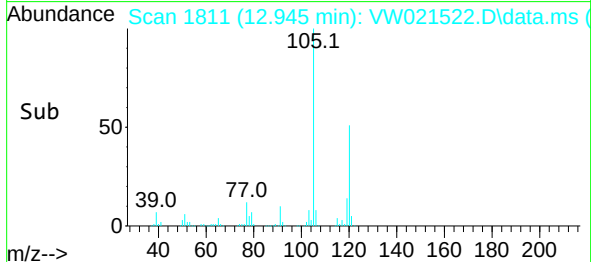
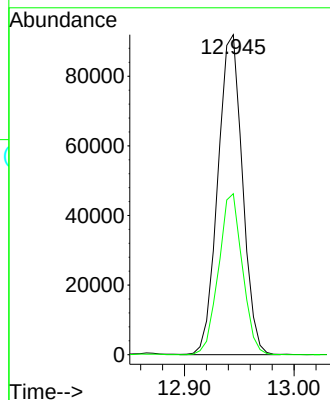
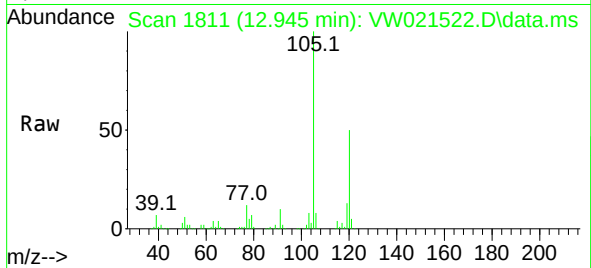
H0AN3MSD

Tgt Ion:105 Resp: 143517

Ion Ratio Lower Upper

105 100

120 48.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.129 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021522.D

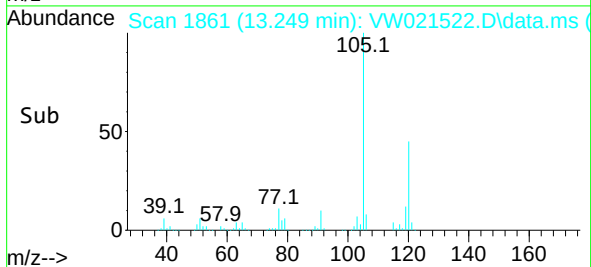
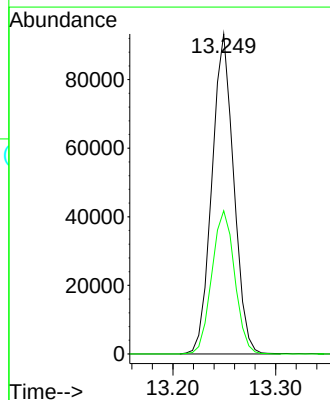
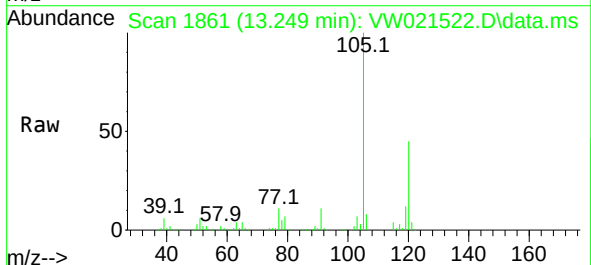
Acq: 21 Dec 2021 13:28

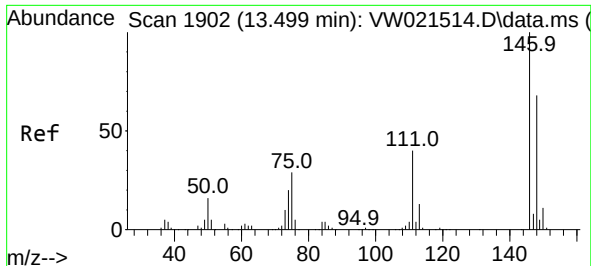
Tgt Ion:105 Resp: 137677

Ion Ratio Lower Upper

105 100

120 46.8 35.0 52.6

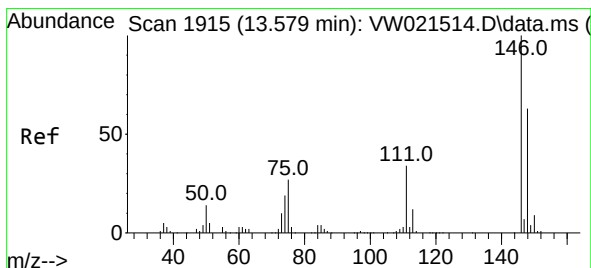
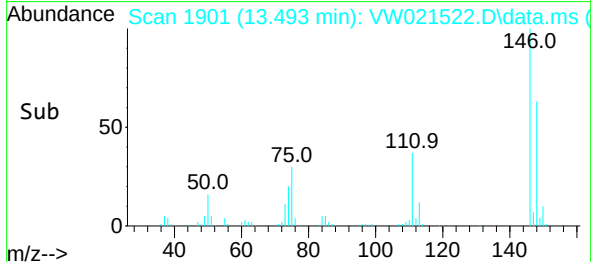
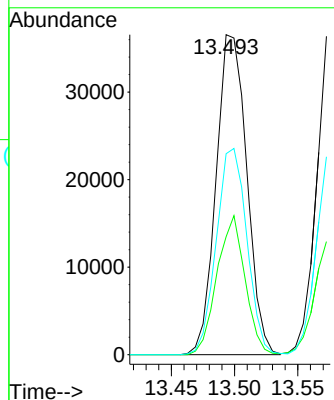
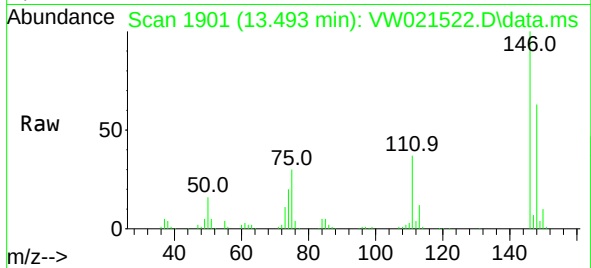




#64
1,3-Dichlorobenzene
Concen: 19.267 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

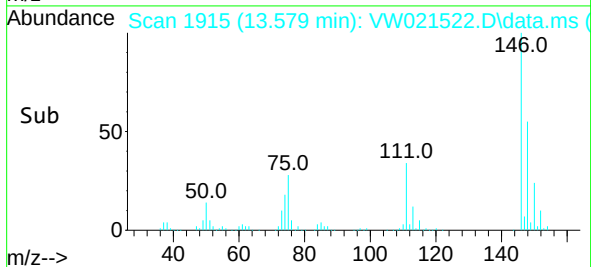
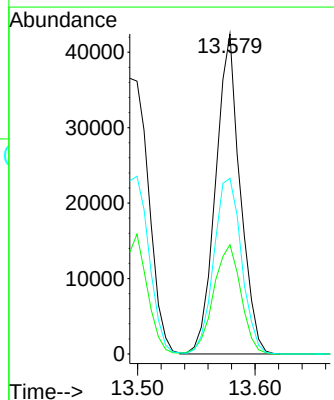
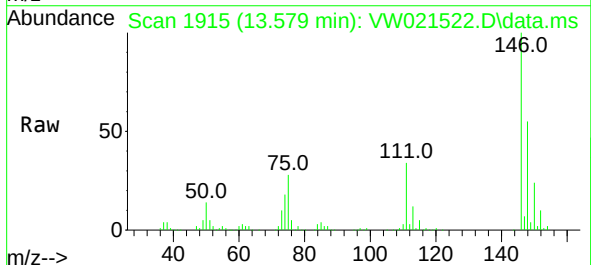
Instrument :
MSVOA_W
ClientSampleId :
H0AN3MSD

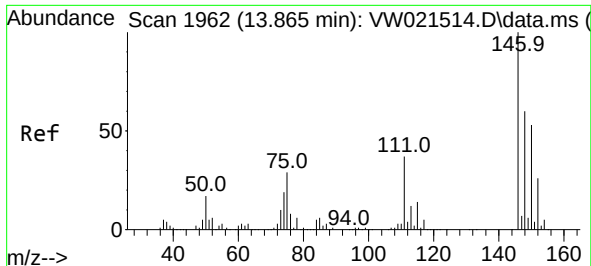
Tgt Ion:146 Resp: 61771
Ion Ratio Lower Upper
146 100
111 36.9 29.8 55.3
148 62.8 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 19.350 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021522.D
Acq: 21 Dec 2021 13:28

Tgt Ion:146 Resp: 61635
Ion Ratio Lower Upper
146 100
111 34.2 29.0 53.9
148 54.9 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 19.505 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

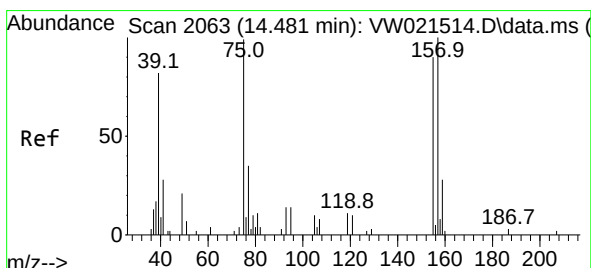
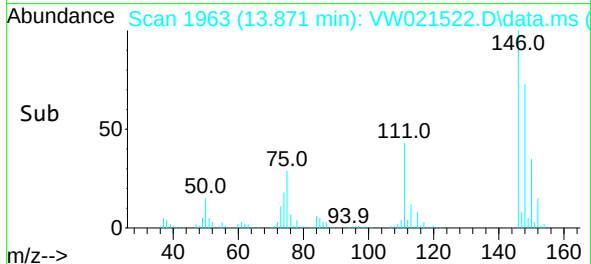
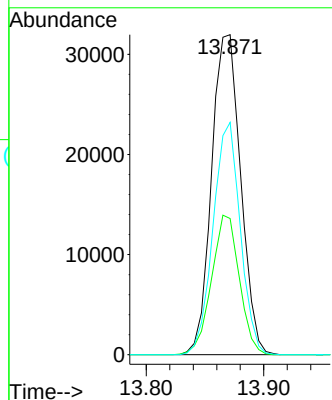
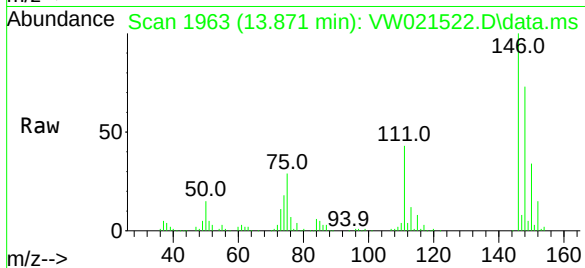
Tgt Ion:146 Resp: 55056

Ion Ratio Lower Upper

146 100

111 42.6 33.1 49.7

148 72.6 47.4 71.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 23.221 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

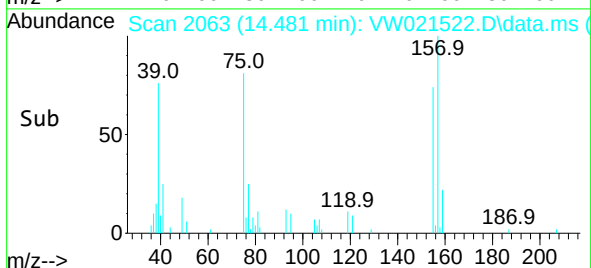
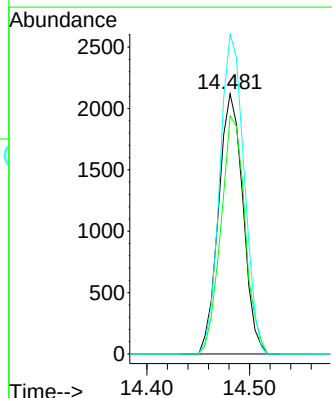
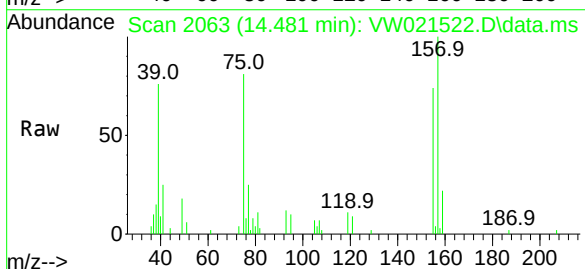
Tgt Ion: 75 Resp: 3487

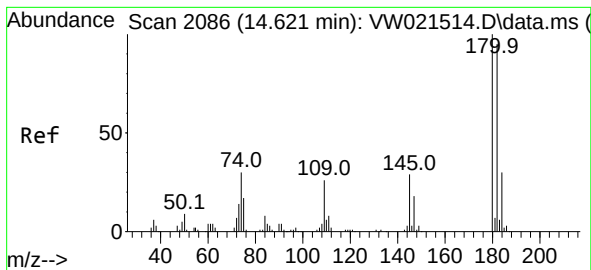
Ion Ratio Lower Upper

75 100

155 91.5 54.2 81.2#

157 123.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 16.580 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

Tgt Ion:180 Resp: 39731

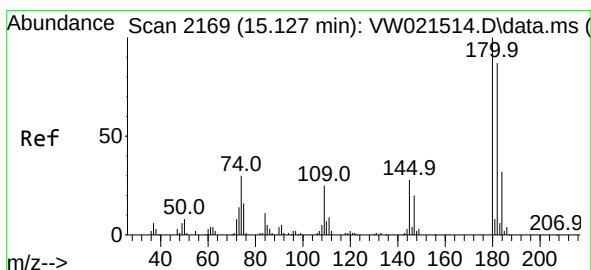
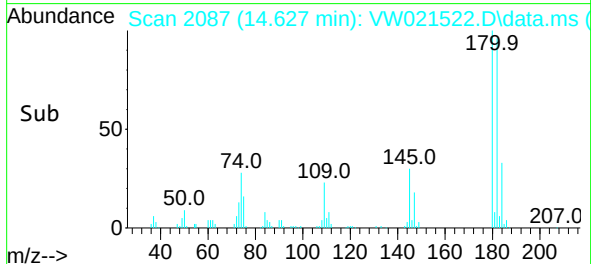
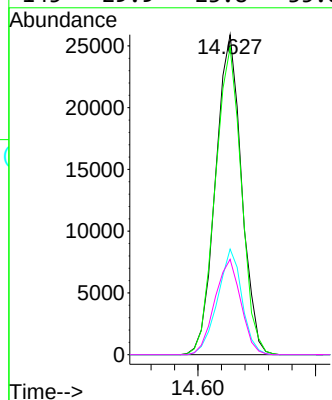
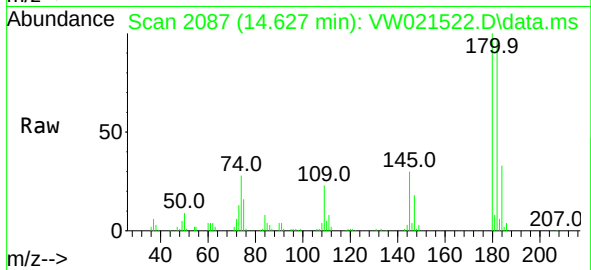
Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

184 31.0 23.8 35.8

145 29.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 14.145 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

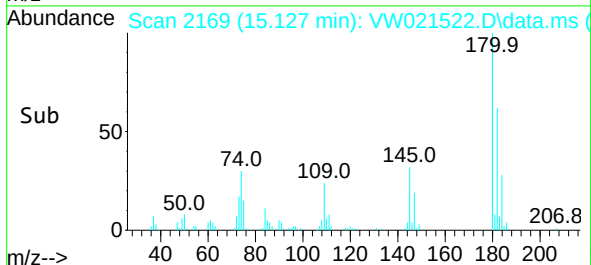
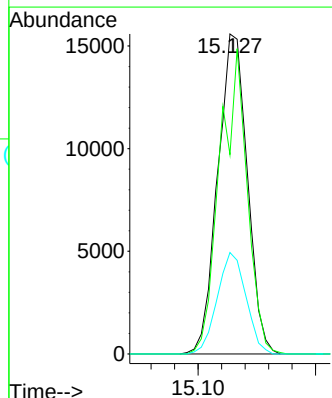
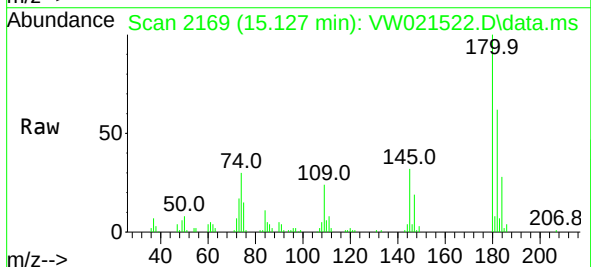
Tgt Ion:180 Resp: 27263

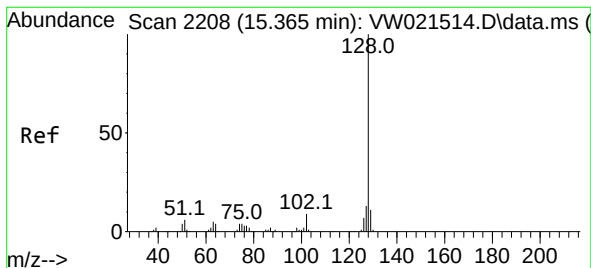
Ion Ratio Lower Upper

180 100

182 88.0 79.0 118.6

145 30.7 26.0 39.0





#71

Naphthalene

Concen: 14.366 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Instrument :

MSVOA_W

ClientSampleId :

H0AN3MSD

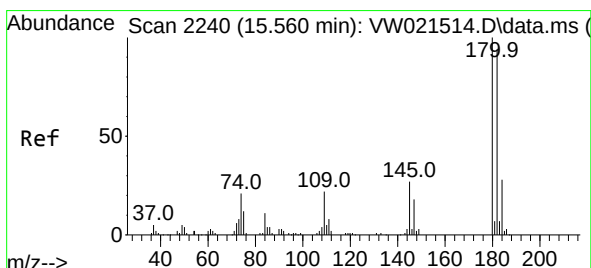
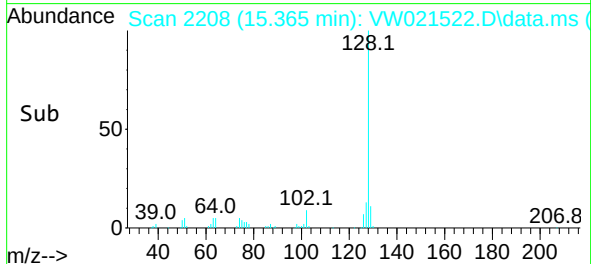
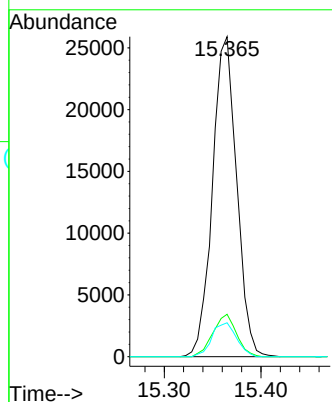
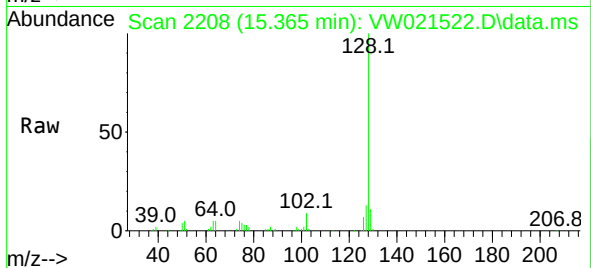
Tgt Ion:128 Resp: 44986

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 13.866 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.012 min

Lab File: VW021522.D

Acq: 21 Dec 2021 13:28

Tgt Ion:180 Resp: 22086

Ion Ratio Lower Upper

180 100

182 92.0 76.6 114.8

145 31.6 27.4 41.0

