

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021514.D
 Acq On : 21 Dec 2021 09:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 00:47:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128579	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	121584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	70090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42322	18.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.885	69	31222	20.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
11) 1,1-Dichloroethene-d2	4.019	63	78176	25.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.160%
21) 2-Butanone-d5	7.074	46	16911	51.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.460%
24) Chloroform-d	7.653	84	86840	24.235	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	45309	23.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.275	84	162320	24.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	9.274	67	44962	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.323	98	163395	23.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.579	79	19634	23.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.920	63	13686	51.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34888	22.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	59894	22.049	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	8674	17.460	ug/L	94
3) Chloromethane	2.215	50	31624	19.227	ug/L	97
5) Vinyl chloride	2.361	62	51125	19.801	ug/L	98
6) Bromomethane	2.782	94	31575	18.854	ug/L	90
8) Chloroethane	2.922	64	25933	21.801	ug/L	94
9) Trichlorofluoromethane	3.263	101	38158	28.009	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43839	24.691	ug/L	90
12) 1,1-Dichloroethene	4.044	96	38672	24.264	ug/L	84
13) Acetone	4.123	43	15979	53.998	ug/L	97
14) Carbon disulfide	4.385	76	91606	22.257	ug/L	97
15) Methyl Acetate	4.678	43	12717	24.906	ug/L	# 89
16) Methylene chloride	4.915	84	40394	19.013	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	40928	23.717	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	61715	25.894	ug/L	94
19) 1,1-Dichloroethane	6.214	63	68873	25.434	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	44556	24.479	ug/L	77
22) 2-Butanone	7.171	43	19803	51.243	ug/L	85
23) Bromochloromethane	7.513	128	21011	24.688	ug/L	# 65
25) Chloroform	7.677	83	79987	25.445	ug/L	98

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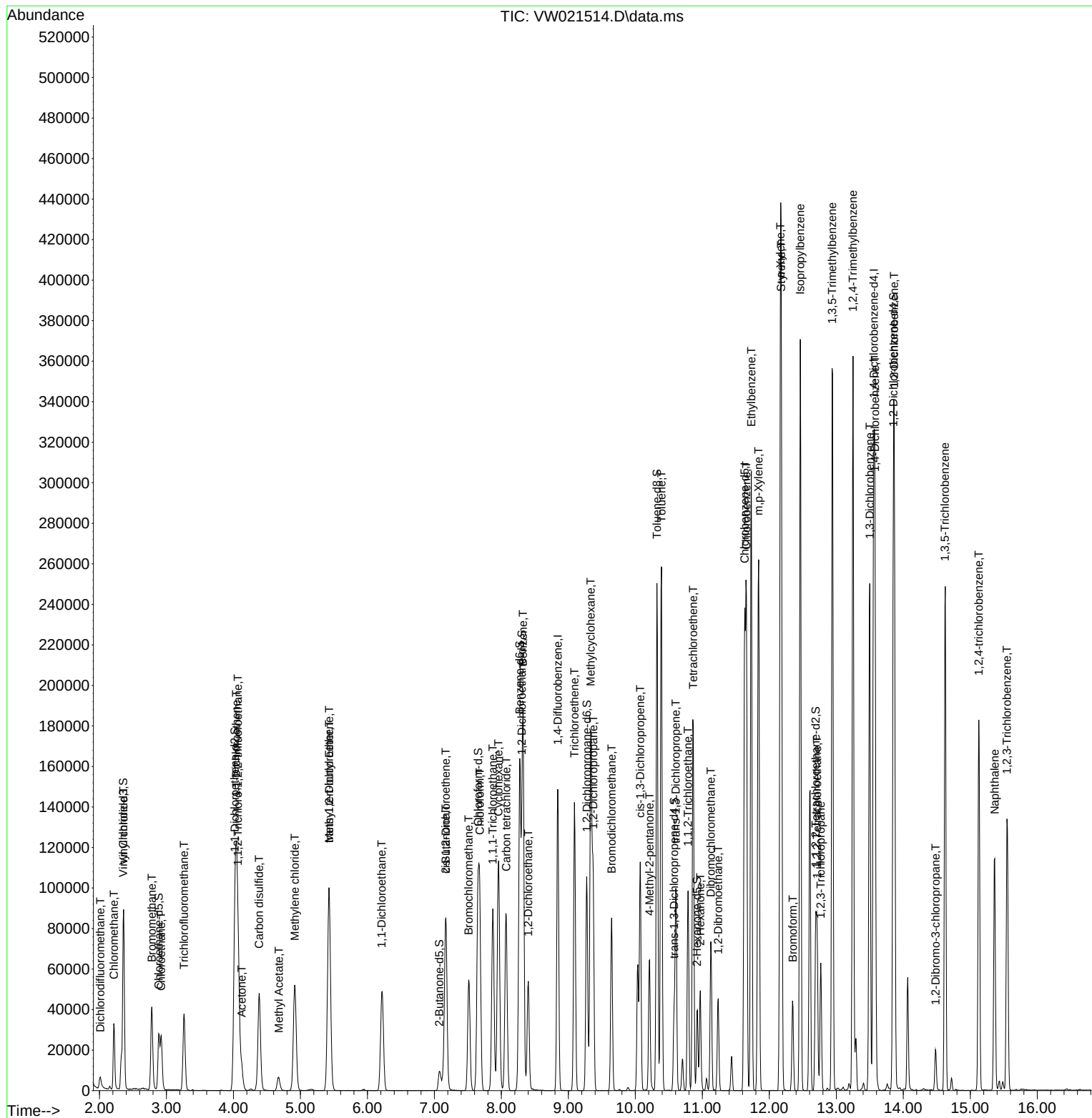
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	49588	24.910	ug/L	98
29) Cyclohexane	7.958	56	61581	25.447	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	72373	26.530	ug/L	95
31) Carbon tetrachloride	8.073	117	67005	26.626	ug/L	99
33) Benzene	8.323	78	160165	24.182	ug/L	100
34) Trichloroethene	9.091	95	46045	24.765	ug/L	88
35) Methylcyclohexane	9.335	83	74433	24.269	ug/L	86
37) 1,2-Dichloropropane	9.372	63	37015	25.055	ug/L #	96
38) Bromodichloromethane	9.646	83	54767	26.962	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61788	26.532	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	40652	50.500	ug/L #	91
42) Toluene	10.390	91	184891	23.868	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	53445	26.201	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	30353	25.102	ug/L	93
46) Tetrachloroethene	10.866	164	42740	24.198	ug/L	96
48) 2-Hexanone	10.969	43	29870	51.168	ug/L #	93
49) Dibromochloromethane	11.128	129	38107	25.563	ug/L	92
50) 1,2-Dibromoethane	11.237	107	30182	25.081	ug/L	97
51) Chlorobenzene	11.658	112	127391	24.564	ug/L	93
52) Ethylbenzene	11.731	91	215093	24.299	ug/L	99
53) m,p-Xylene	11.841	106	85776	24.020	ug/L	89
54) o-Xylene	12.164	106	82816	24.436	ug/L	91
55) Styrene	12.176	104	135098	23.423	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	32671	23.570	ug/L #	94
59) Bromoform	12.353	173	19955	23.928	ug/L	97
60) Isopropylbenzene	12.463	105	234595	24.632	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	23975	23.503	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	189785	23.418	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	189146	23.659	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	101471	22.588	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	107250	24.030	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	93379	23.611	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4581	21.772	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	77723	23.149	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	62484	23.137	ug/L	94
71) Naphthalene	15.365	128	100332	22.868	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	29759	13.334	ug/L #	45

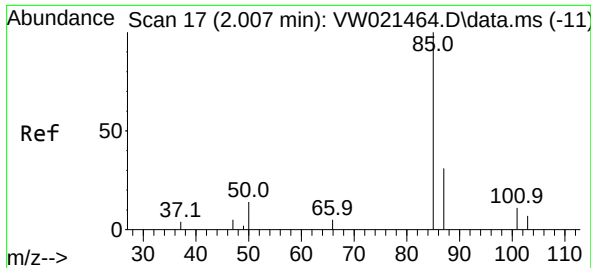
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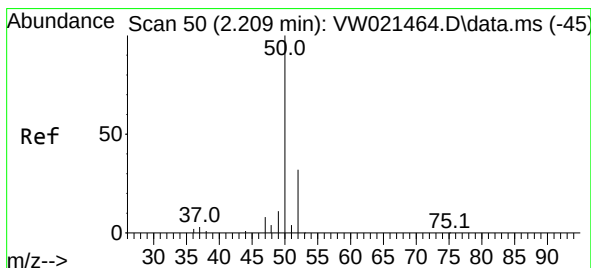
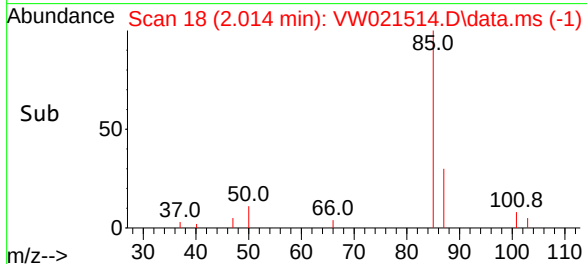
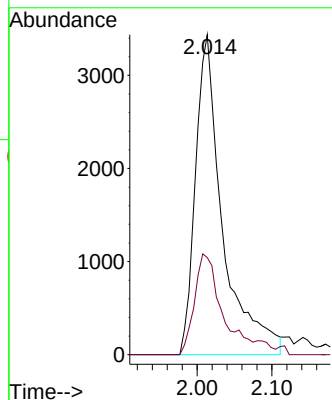
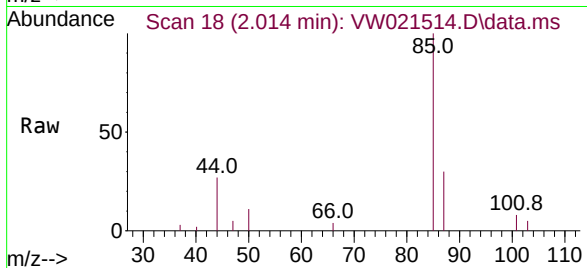




#2
 Dichlorodifluoromethane
 Concen: 17.460 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

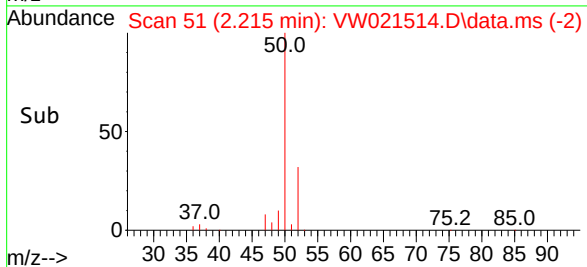
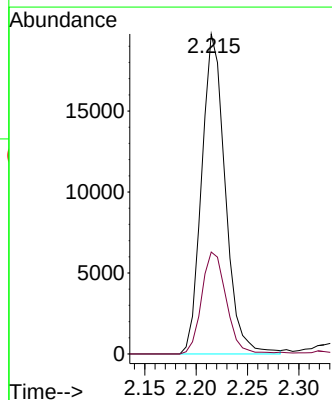
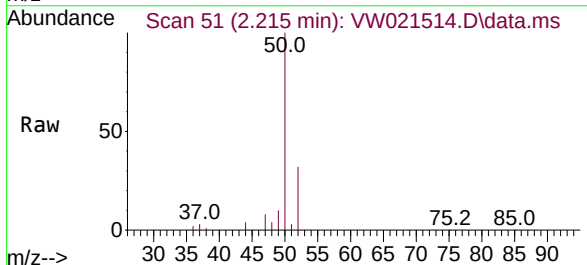
Instrument :
 MSVOA_W
 ClientSampleId :

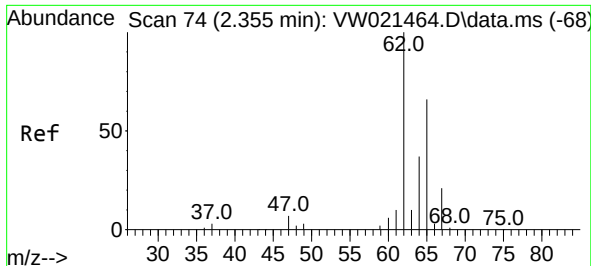
Tgt Ion: 85 Resp: 8674
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.8 38.6



#3
 Chloromethane
 Concen: 19.227 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

Tgt Ion: 50 Resp: 31624
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.4 43.6

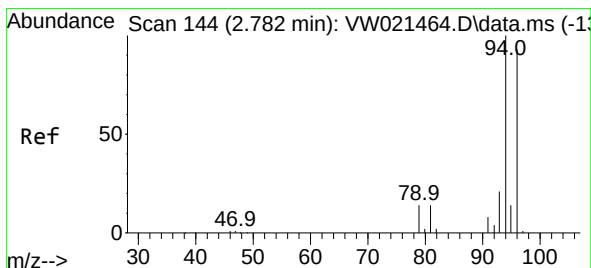
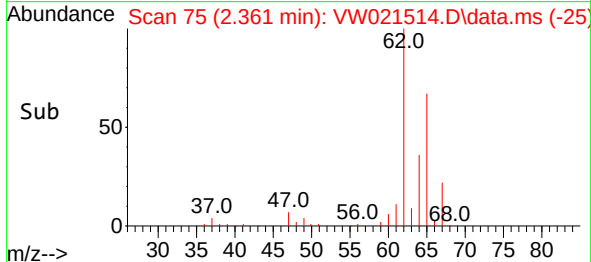
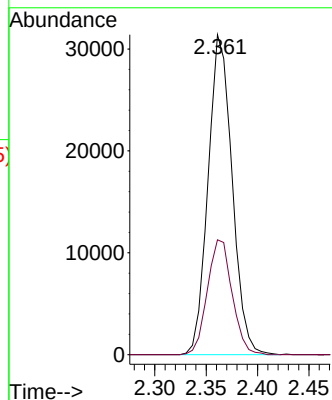
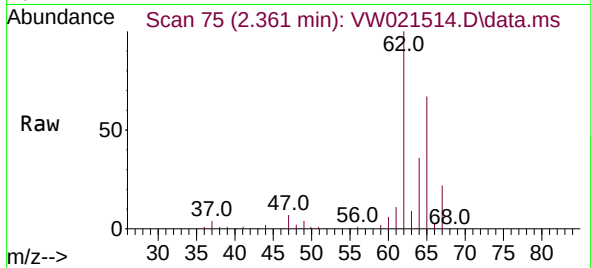




#5
 Vinyl chloride
 Concen: 19.801 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

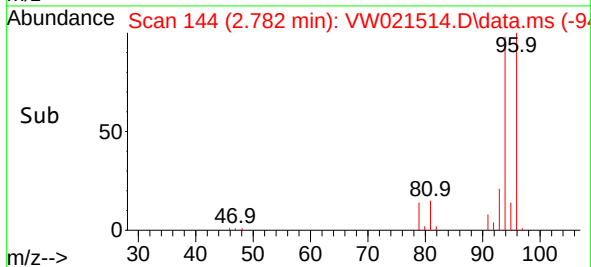
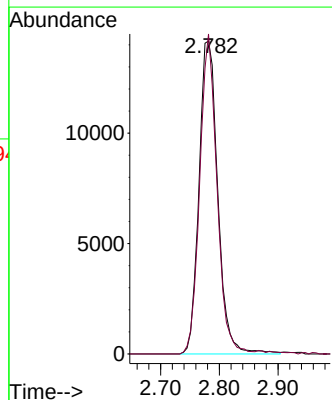
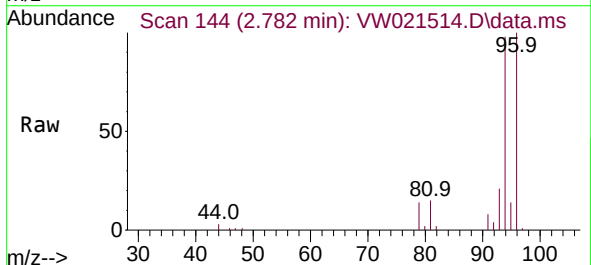
Instrument :
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 ClientSampleId :

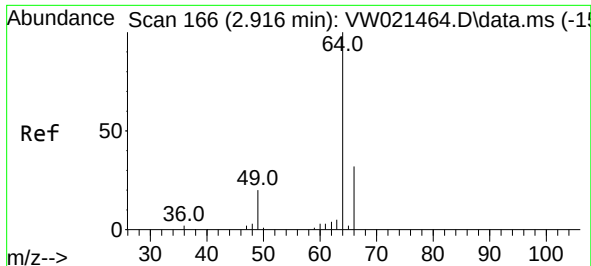
Tgt Ion: 62 Resp: 51125
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 18.854 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

Tgt Ion: 94 Resp: 31575
 Ion Ratio Lower Upper
 94 100
 96 102.3 64.8 120.4





#8

Chloroethane

Concen: 21.801 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

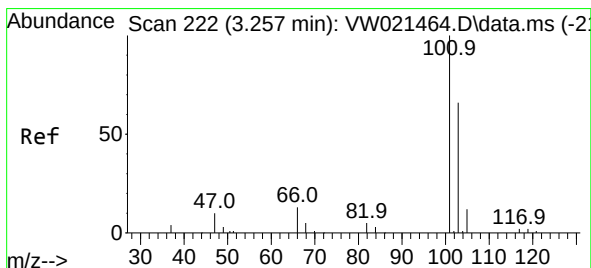
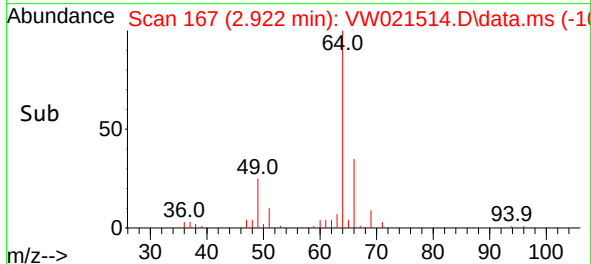
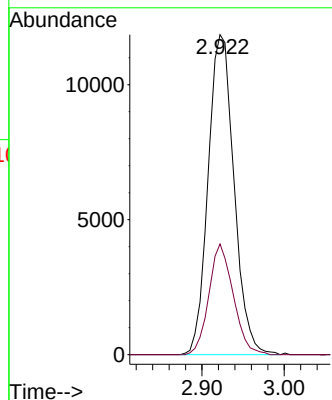
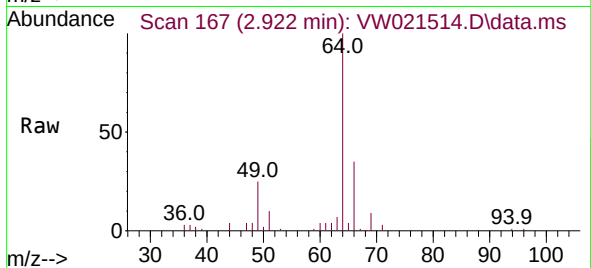
ClientSampleId :

Tgt Ion: 64 Resp: 25933

Ion Ratio Lower Upper

64 100

66 34.6 22.0 40.8



#9

Trichlorofluoromethane

Concen: 28.009 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.012 min

Lab File: VW021514.D

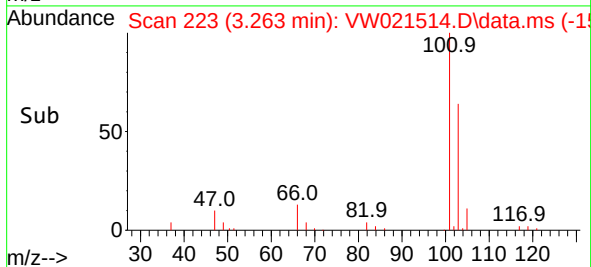
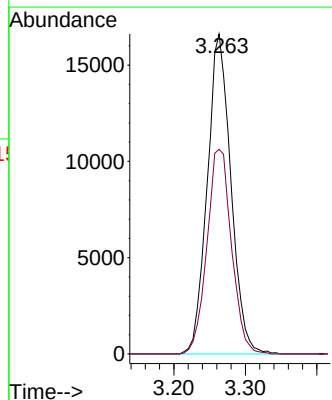
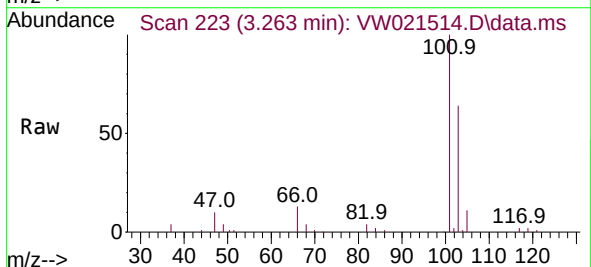
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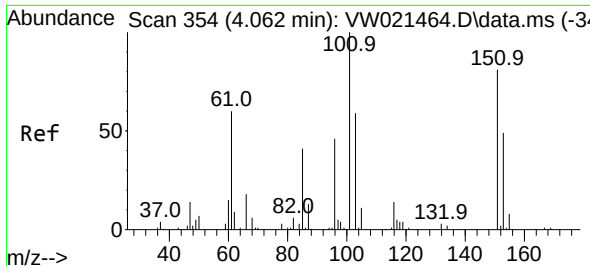
Tgt Ion: 101 Resp: 38158

Ion Ratio Lower Upper

101 100

103 66.5 51.4 77.2

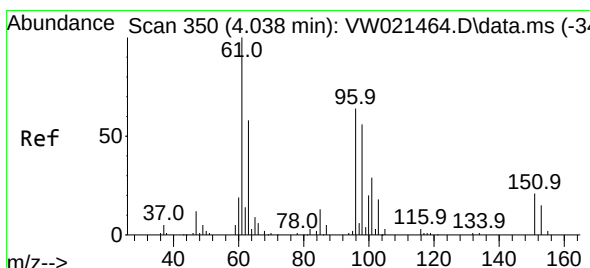
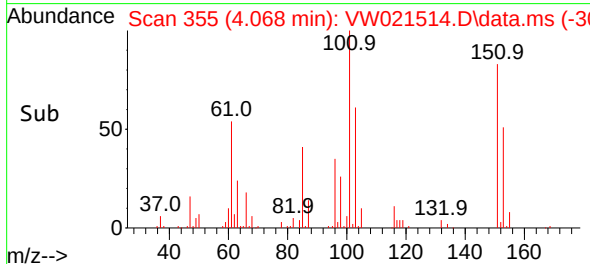
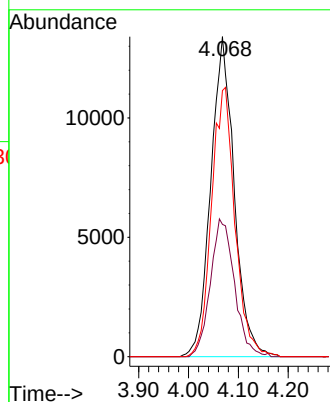
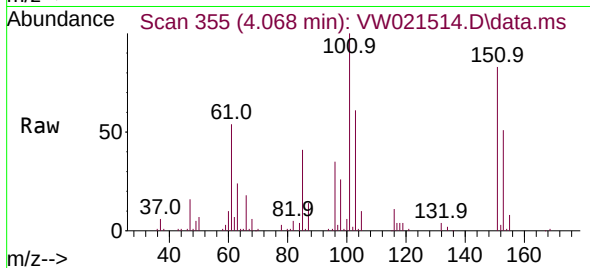




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.691 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.012 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

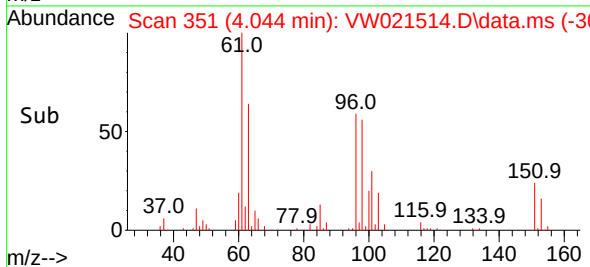
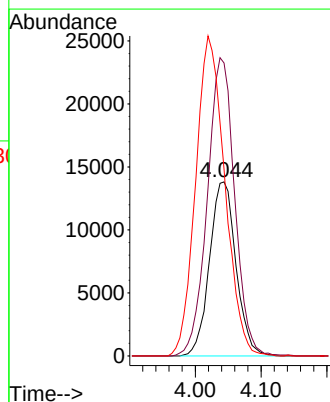
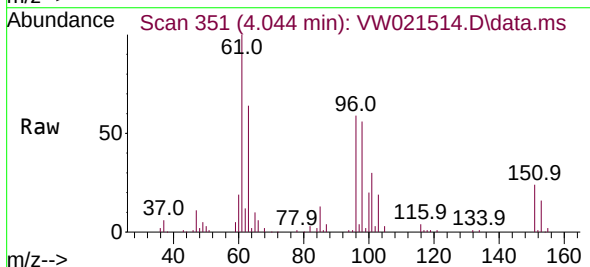
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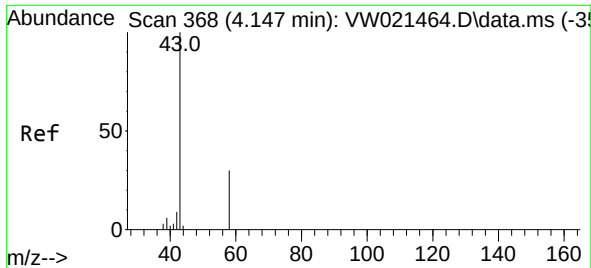
Tgt Ion:101 Resp: 43839
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 83.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.264 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

Tgt Ion: 96 Resp: 38672
 Ion Ratio Lower Upper
 96 100
 61 168.3 138.3 256.9
 63 107.3 82.6 153.4





#13

Acetone

Concen: 53.998 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

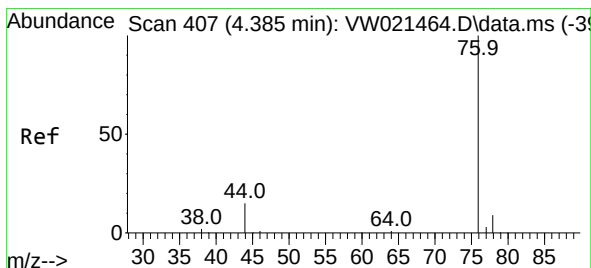
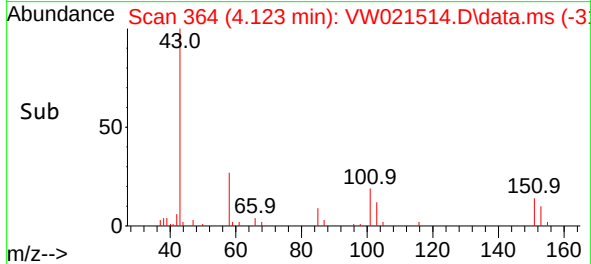
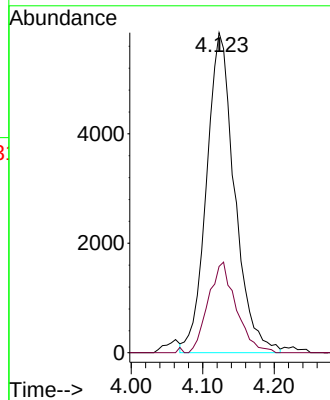
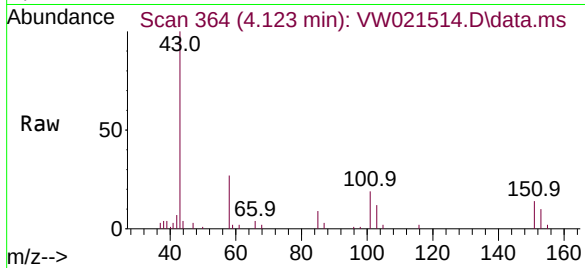
ClientSampleId :

Tgt Ion: 43 Resp: 15979

Ion Ratio Lower Upper

43 100

58 27.9 0.0 52.8



#14

Carbon disulfide

Concen: 22.257 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021514.D

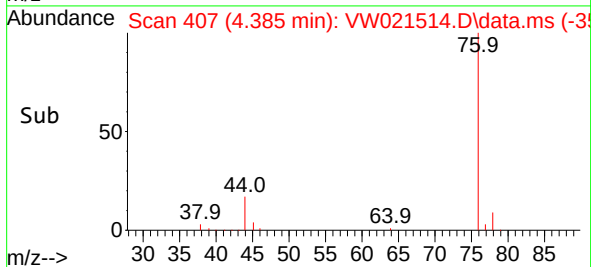
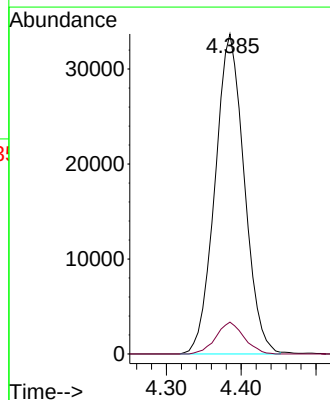
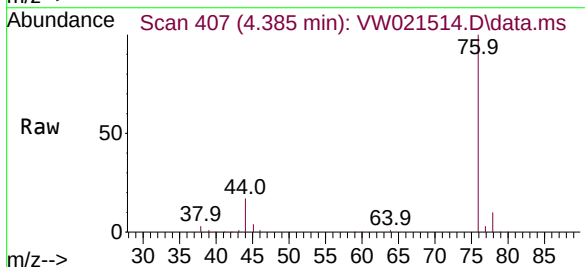
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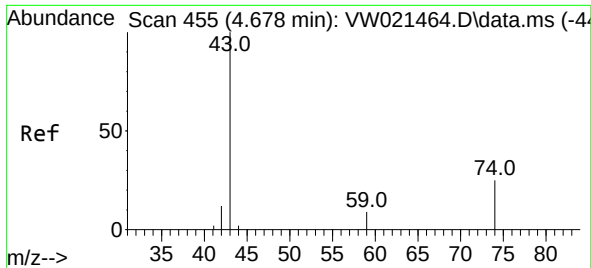
Tgt Ion: 76 Resp: 91606

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7

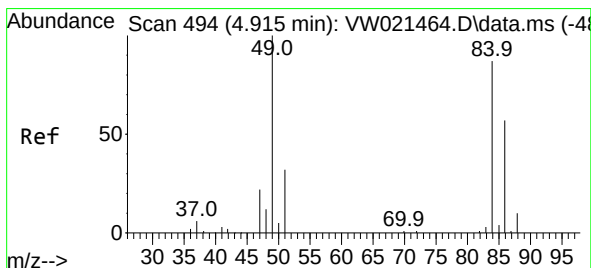
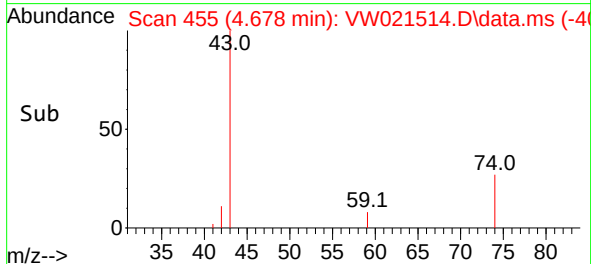
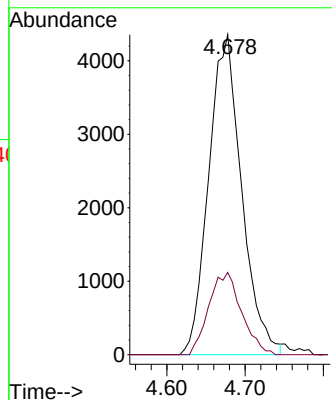
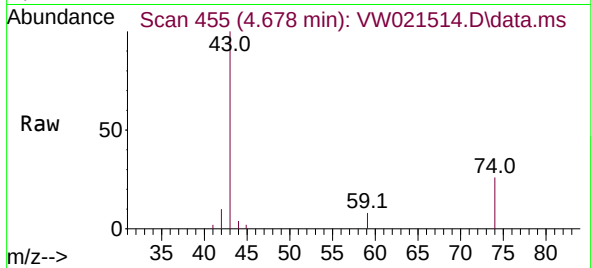




#15
Methyl Acetate
Concen: 24.906 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

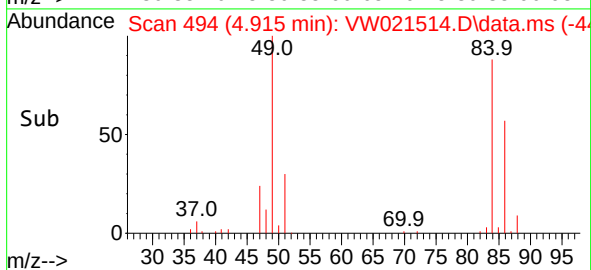
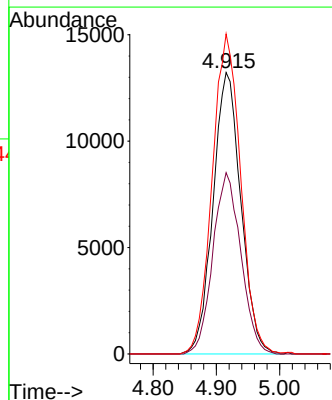
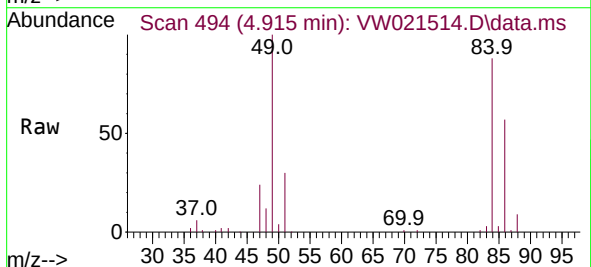
Instrument :
MSVOA_W
ClientSampleId :

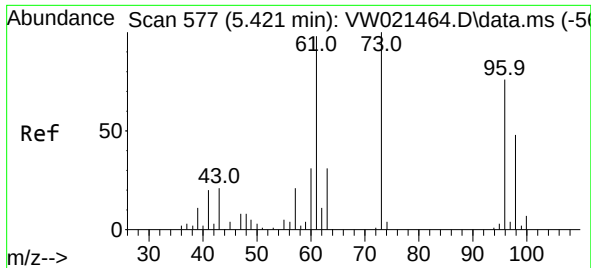
Tgt Ion: 43 Resp: 12717
Ion Ratio Lower Upper
43 100
74 25.5 16.4 24.6#



#16
Methylene chloride
Concen: 19.013 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 84 Resp: 40394
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 113.7 100.5 186.7

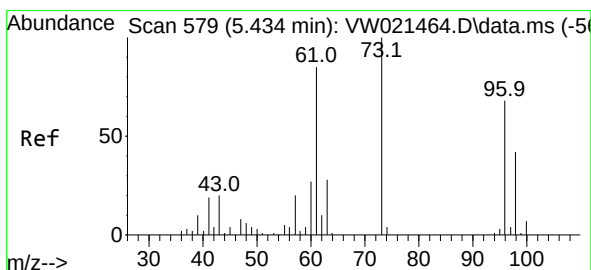
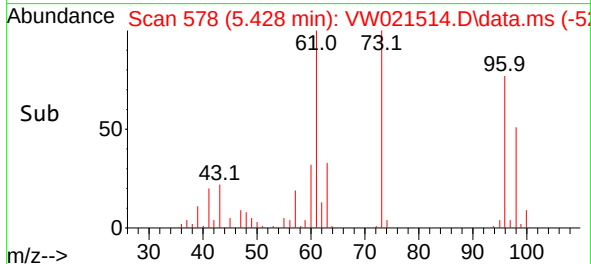
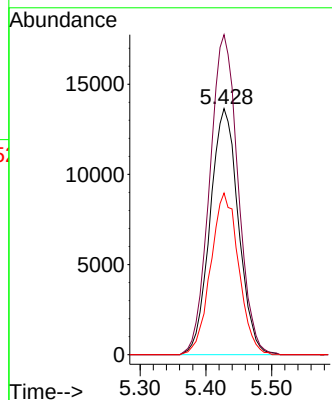
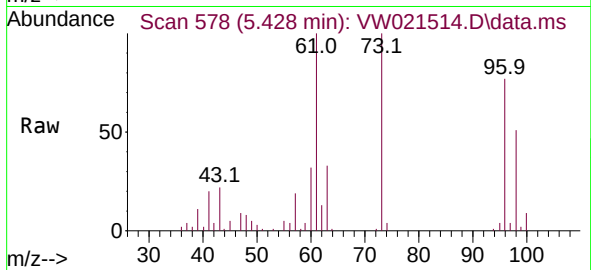




#17
trans-1,2-Dichloroethene
Concen: 23.717 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

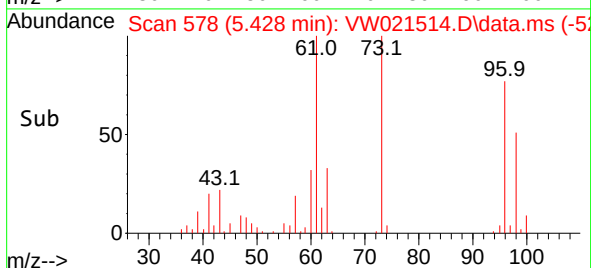
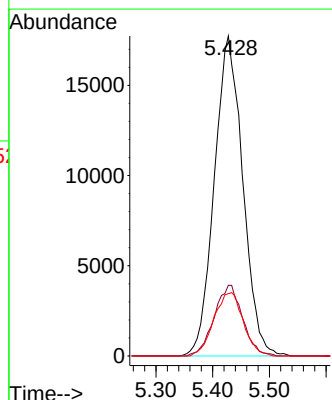
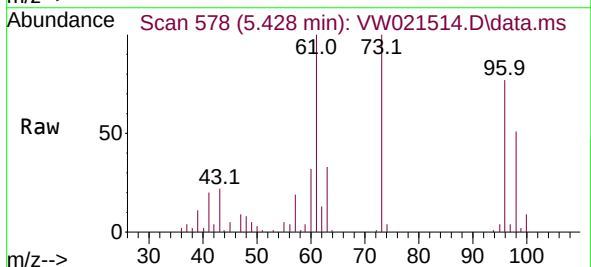
Instrument :
MSVOA_W
ClientSampleId :

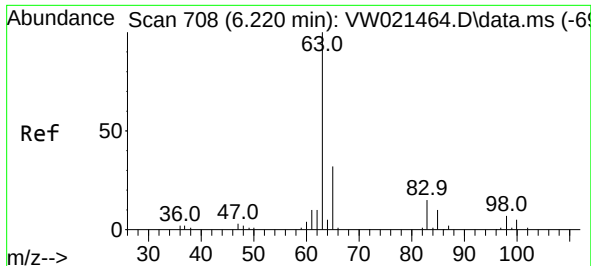
Tgt Ion: 96 Resp: 40928
Ion Ratio Lower Upper
96 100
61 130.1 107.4 199.4
98 65.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.894 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 73 Resp: 61715
Ion Ratio Lower Upper
73 100
43 22.0 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.434 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :

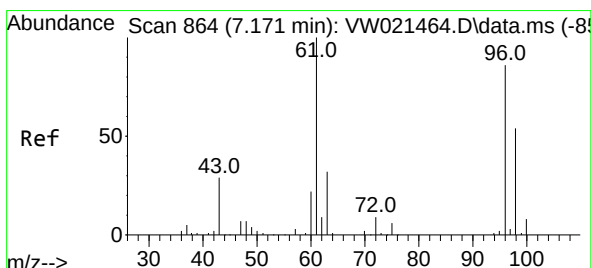
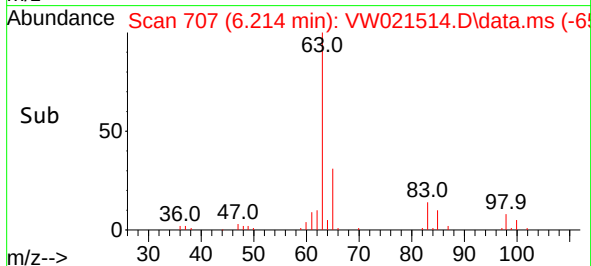
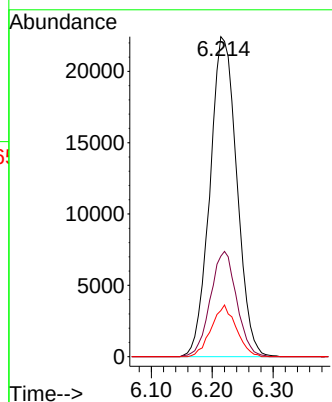
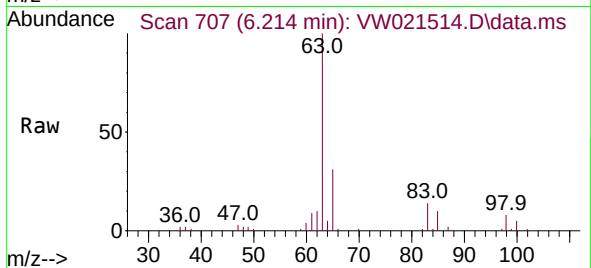
Tgt Ion: 63 Resp: 68873

Ion Ratio Lower Upper

63 100

65 31.4 22.1 41.1

83 14.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.479 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

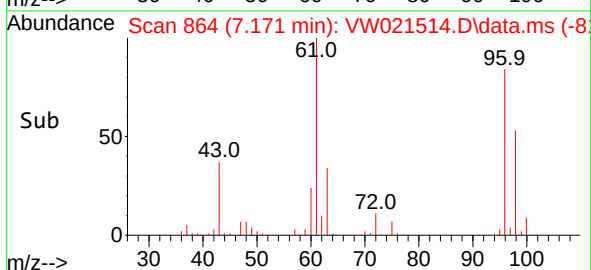
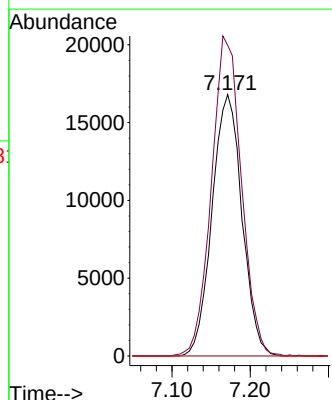
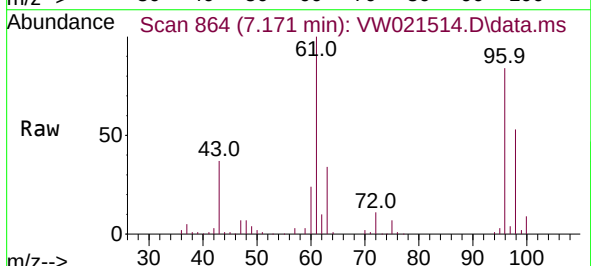
Tgt Ion: 96 Resp: 44556

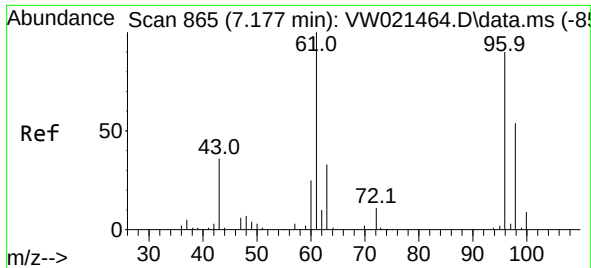
Ion Ratio Lower Upper

96 100

61 118.8 103.7 192.7

68 0.0 0.0 0.0

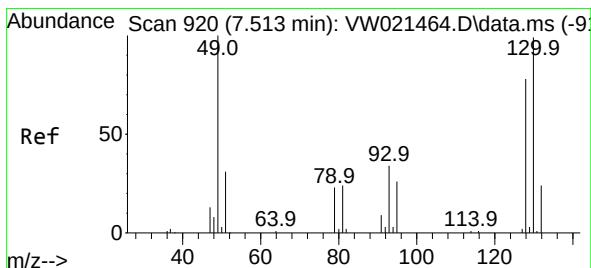
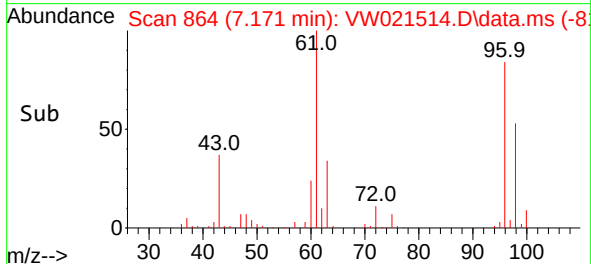
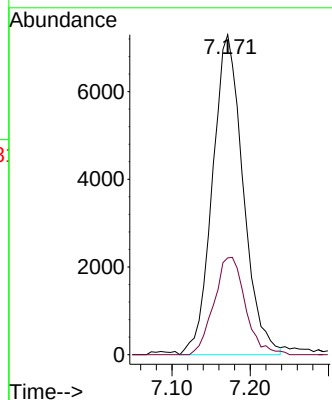
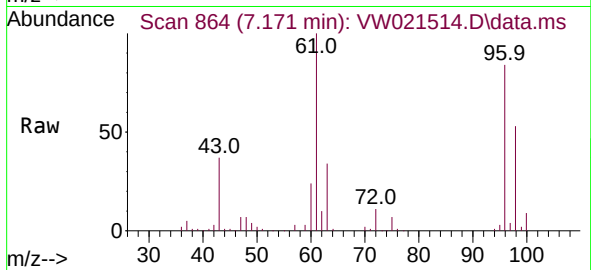




#22
2-Butanone
Concen: 51.243 ug/L
RT: 7.171 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

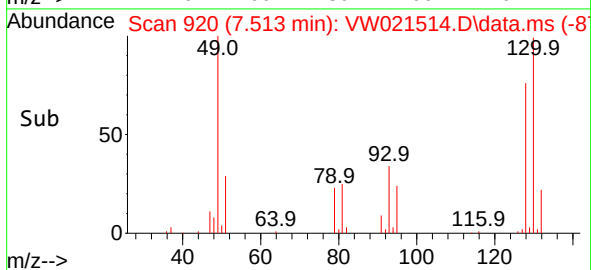
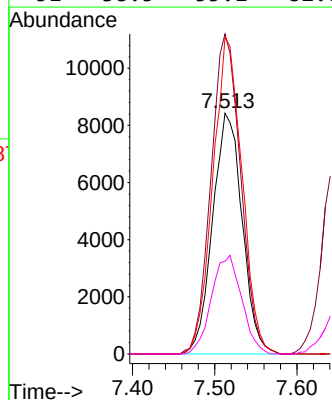
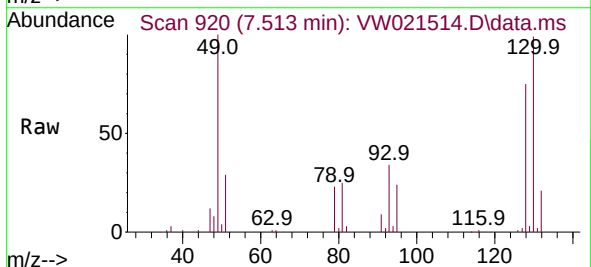
Instrument :
MSVOA_W
ClientSampleId :

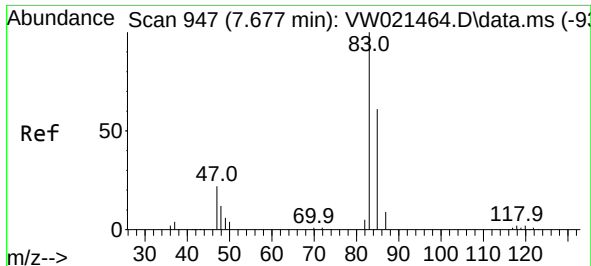
Tgt Ion: 43 Resp: 19803
Ion Ratio Lower Upper
43 100
72 31.2 11.8 35.4



#23
Bromochloromethane
Concen: 24.688 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 128 Resp: 21011
Ion Ratio Lower Upper
128 100
49 133.0 150.3 279.1#
130 131.6 88.3 163.9
51 38.5 55.1 82.7#

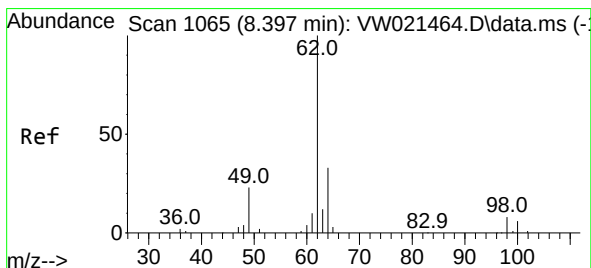
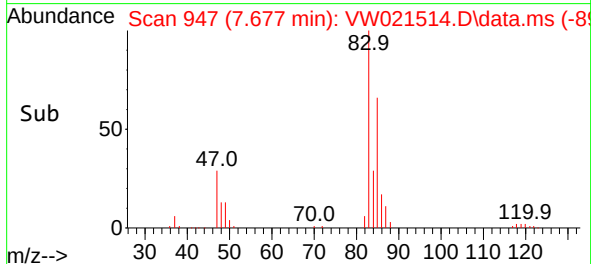
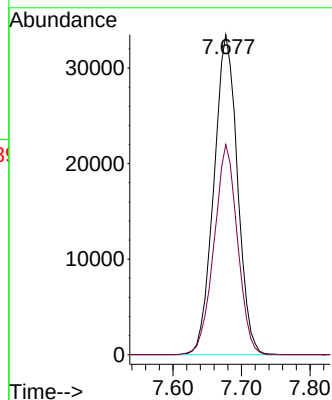
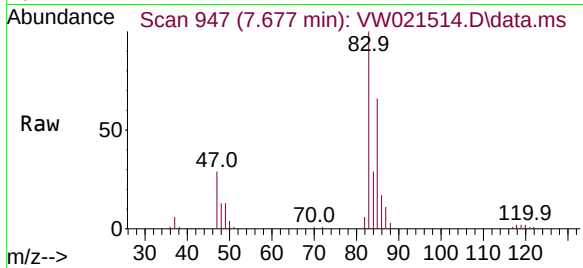




#25
Chloroform
Concen: 25.445 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

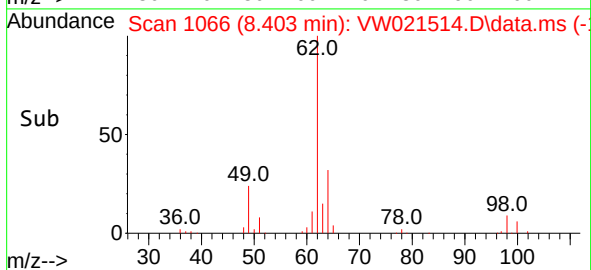
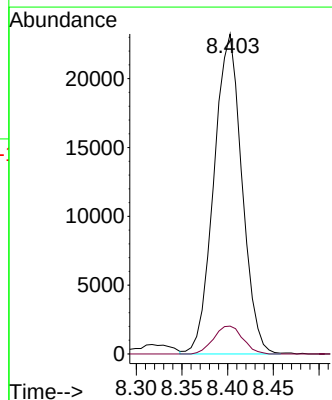
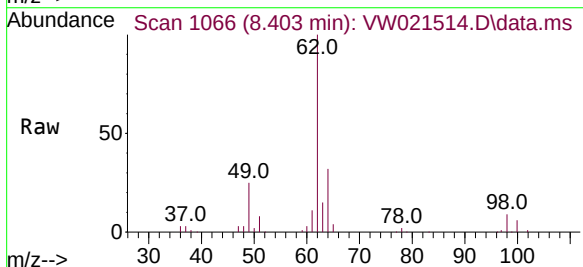
Instrument :
MSVOA_W
ClientSampleId :

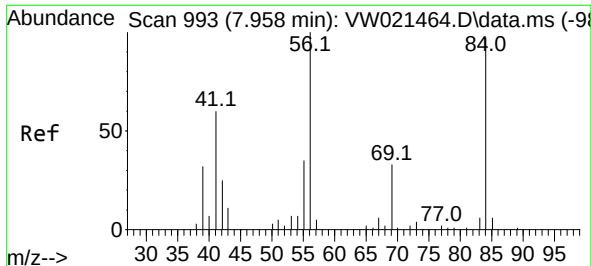
Tgt Ion: 83 Resp: 79987
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.910 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 62 Resp: 49588
Ion Ratio Lower Upper
62 100
98 8.7 6.5 9.7





#29

Cyclohexane

Concen: 25.447 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :

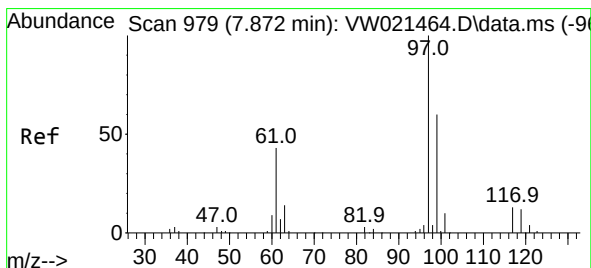
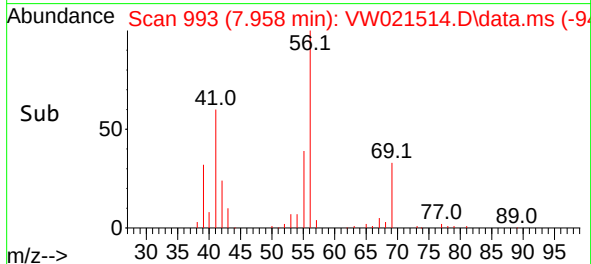
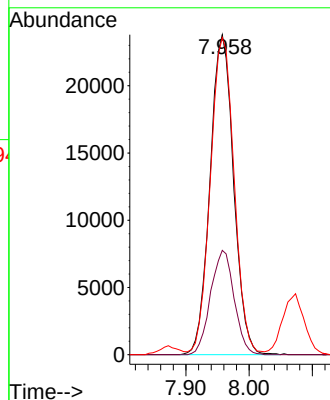
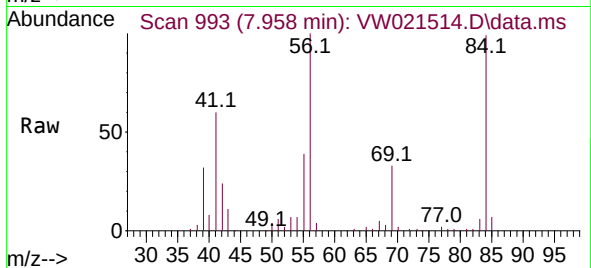
Tgt Ion: 56 Resp: 61581

Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 100.1 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 26.530 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

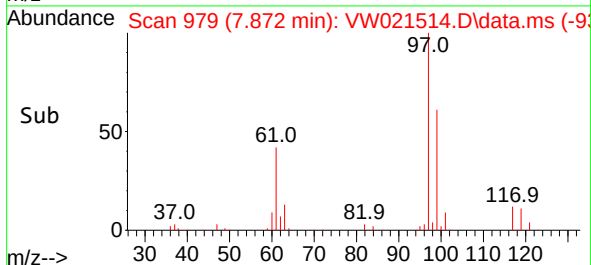
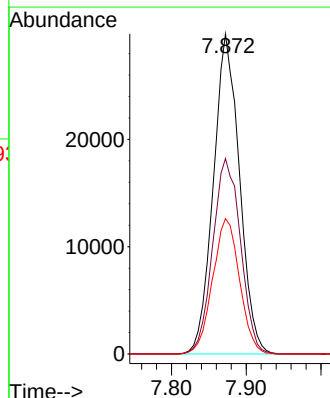
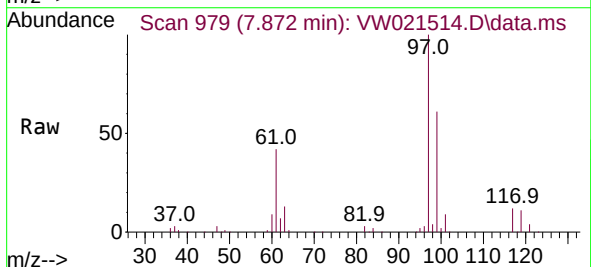
Tgt Ion: 97 Resp: 72373

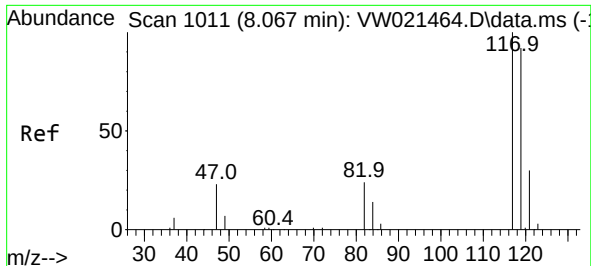
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.7 40.9 61.3

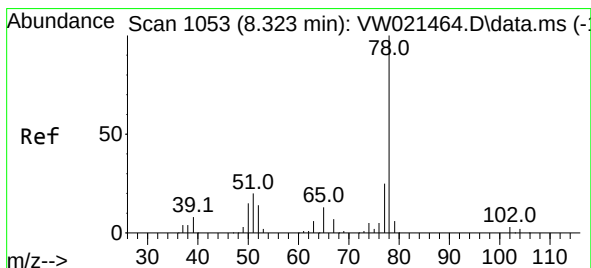
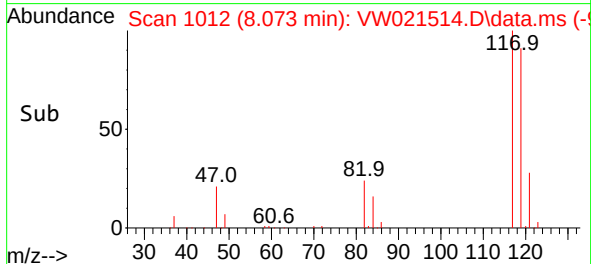
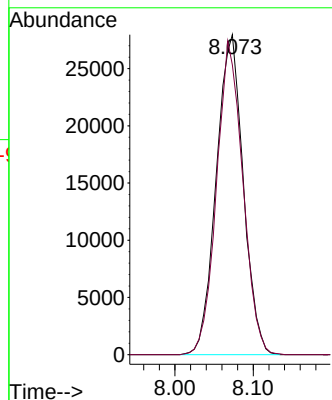
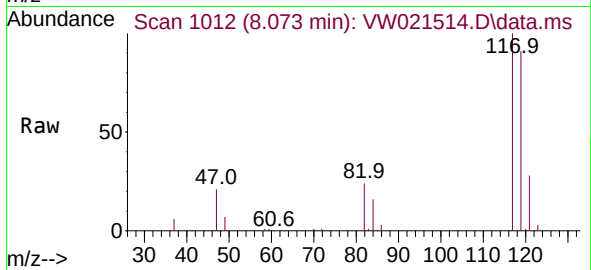




#31
Carbon tetrachloride
Concen: 26.626 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

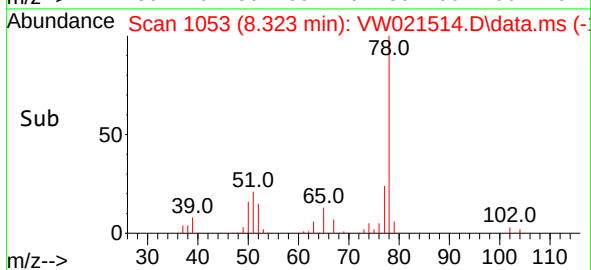
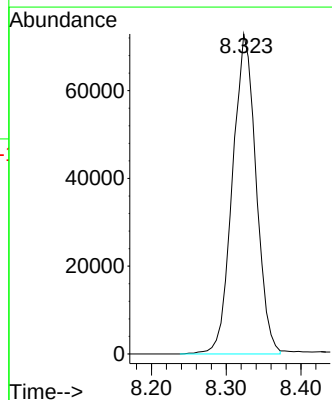
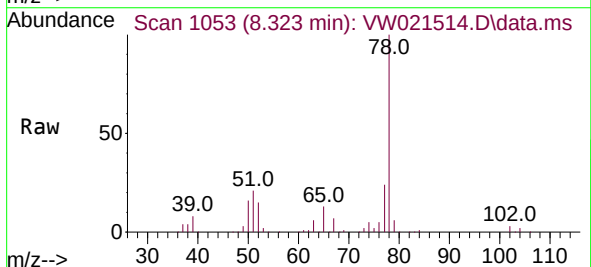
Instrument :
MSVOA_W
ClientSampleId :

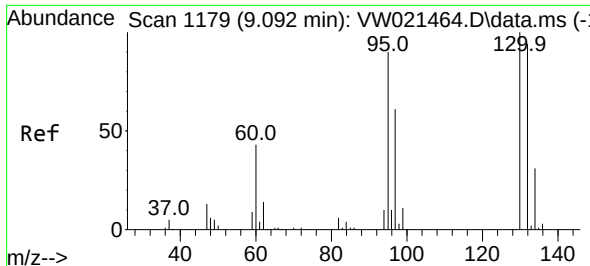
Tgt Ion:117 Resp: 67005
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5



#33
Benzene
Concen: 24.182 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 78 Resp: 160165





#34

Trichloroethene

Concen: 24.765 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

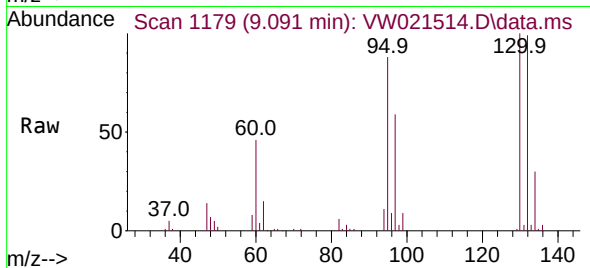
Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 46045

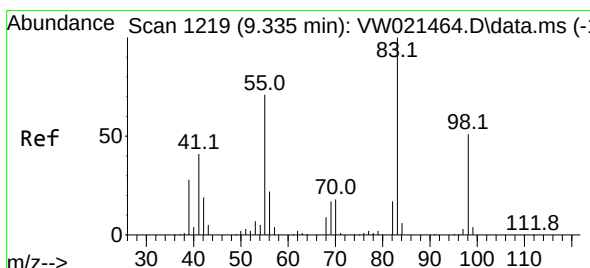
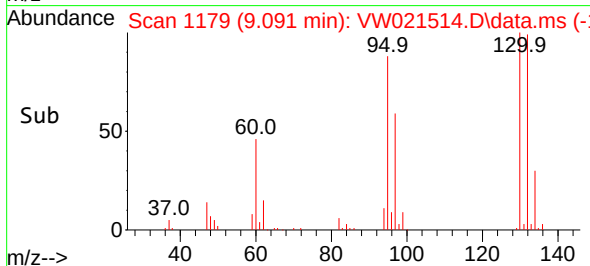
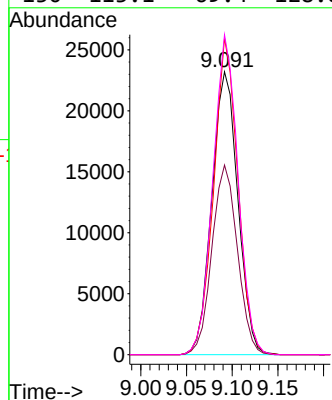
Ion Ratio Lower Upper

95 100

97 67.0 47.0 87.2

132 112.0 65.5 121.6

130 113.1 69.4 128.8



#35

Methylcyclohexane

Concen: 24.269 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

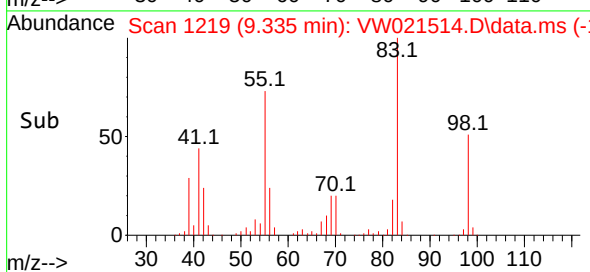
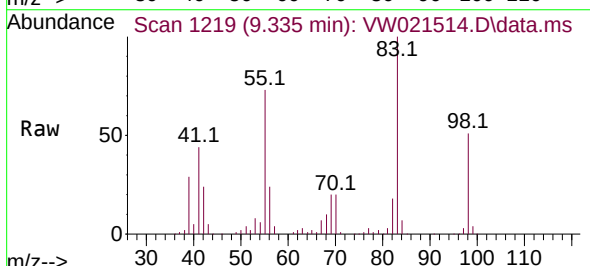
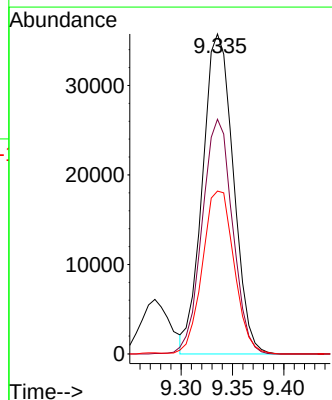
Tgt Ion: 83 Resp: 74433

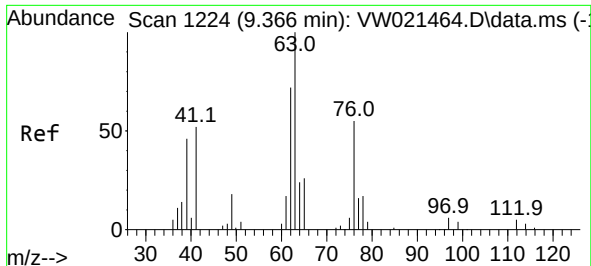
Ion Ratio Lower Upper

83 100

55 72.4 70.8 106.2

98 52.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.055 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

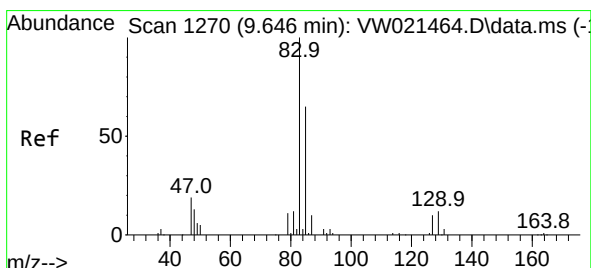
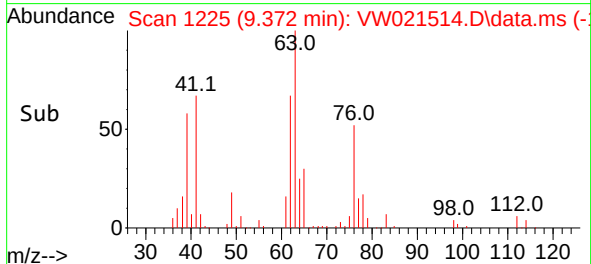
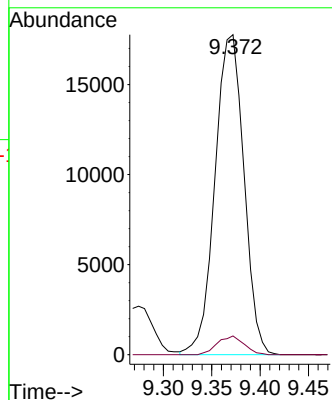
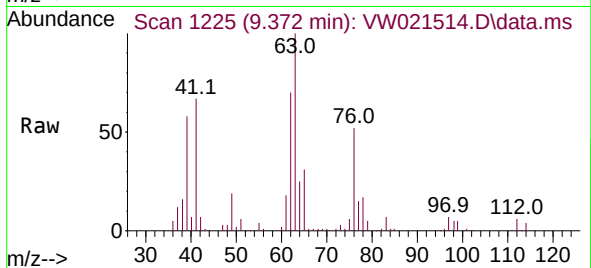
ClientSampleId :

Tgt Ion: 63 Resp: 37015

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.962 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

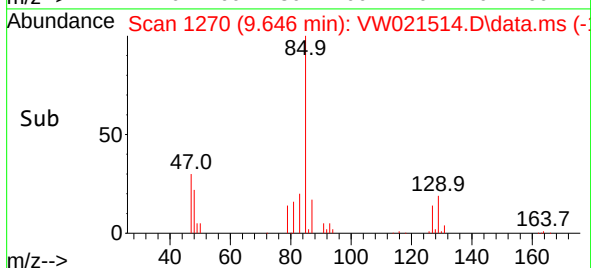
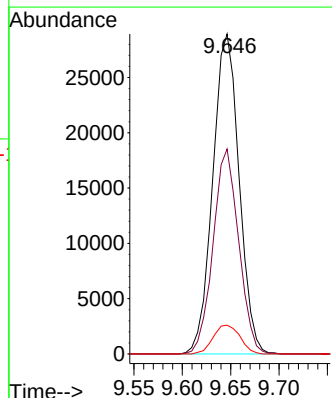
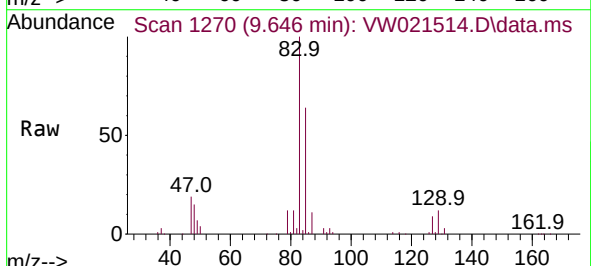
Tgt Ion: 83 Resp: 54767

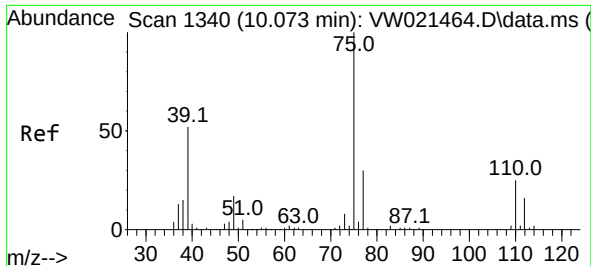
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.532 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

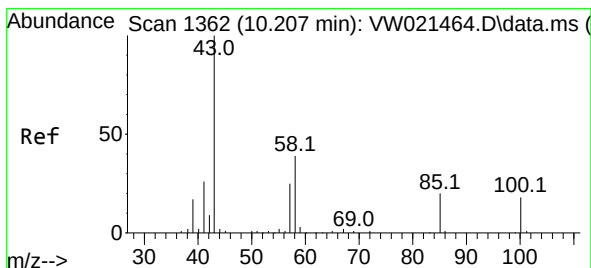
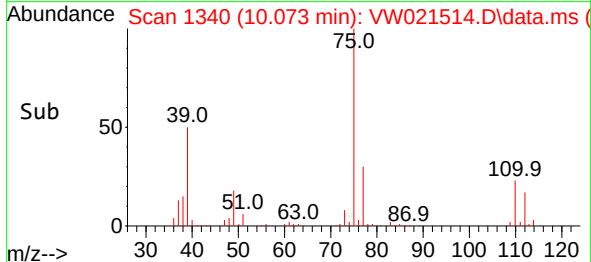
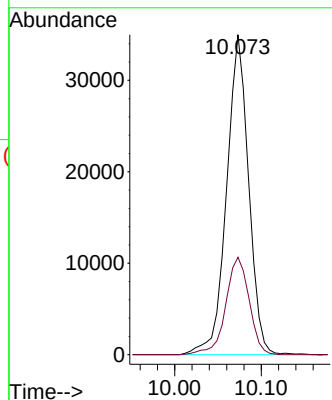
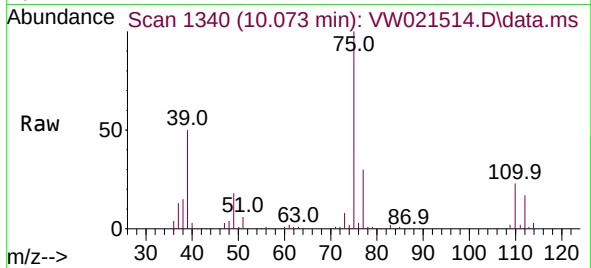
ClientSampleId :

Tgt Ion: 75 Resp: 61788

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.500 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

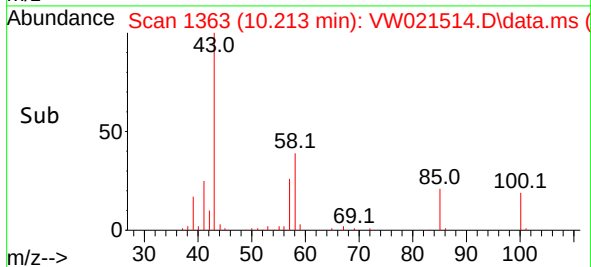
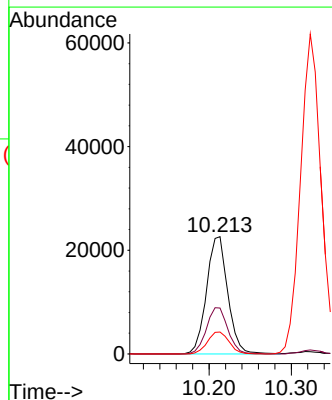
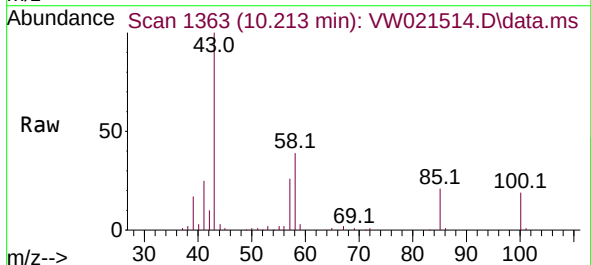
Tgt Ion: 43 Resp: 40652

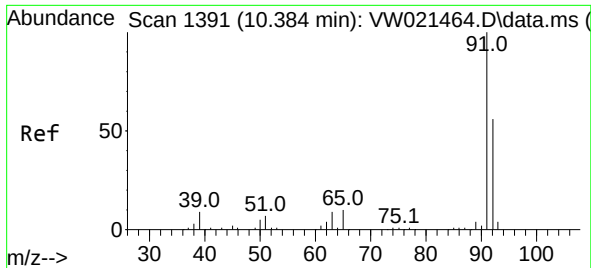
Ion Ratio Lower Upper

43 100

58 39.9 28.8 43.2

100 18.9 10.0 15.0#

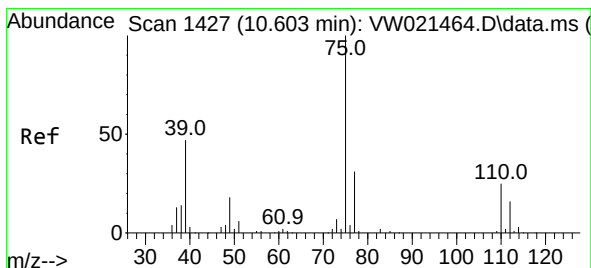
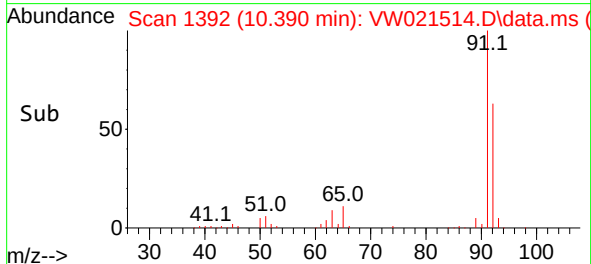
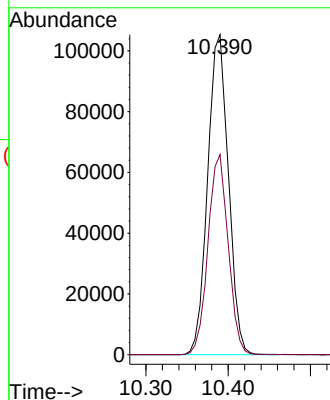
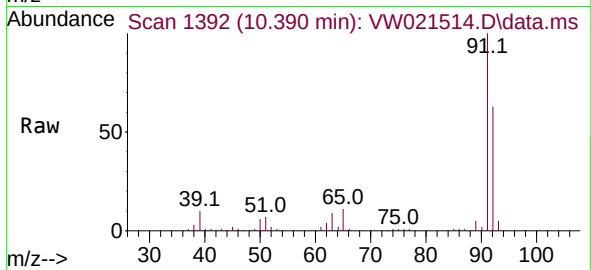




#42
Toluene
Concen: 23.868 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

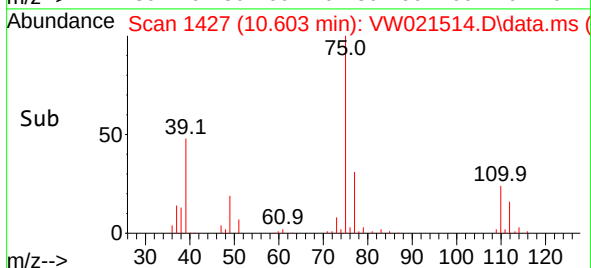
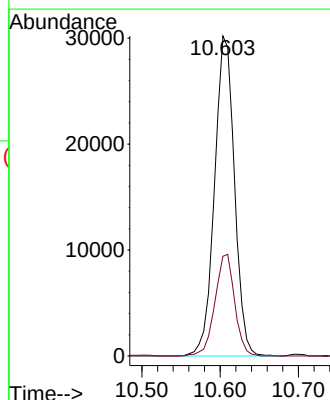
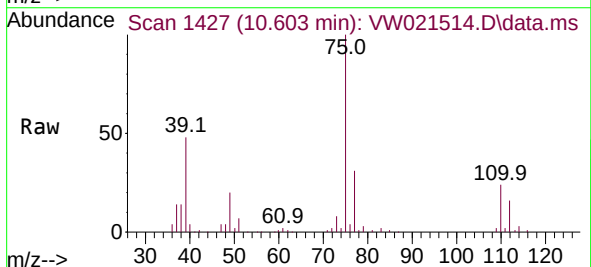
Instrument :
MSVOA_W
ClientSampleId :

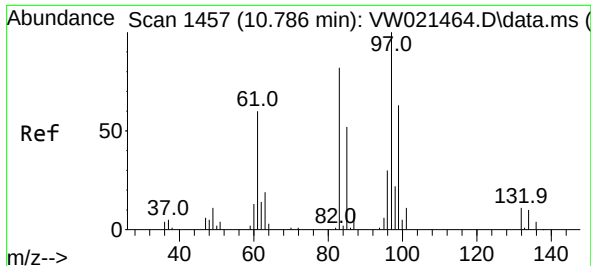
Tgt Ion: 91 Resp: 184891
Ion Ratio Lower Upper
91 100
92 62.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.201 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 75 Resp: 53445
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2

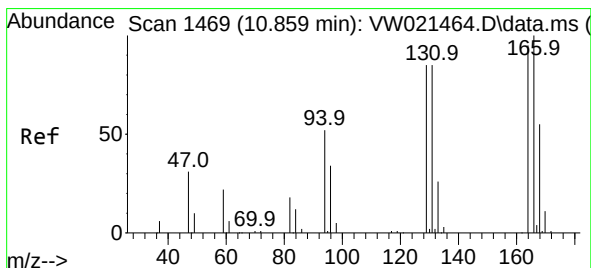
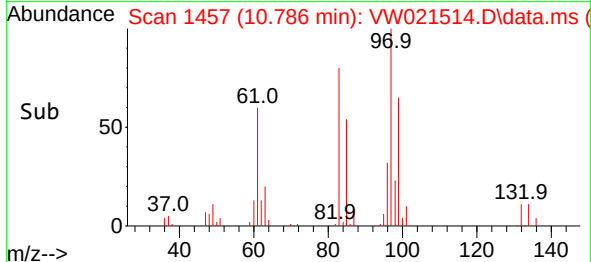
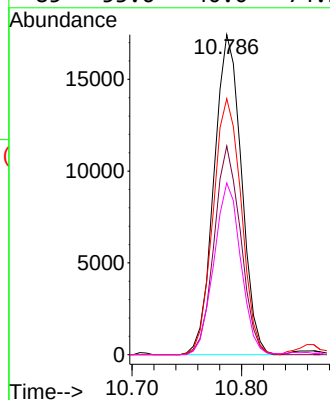
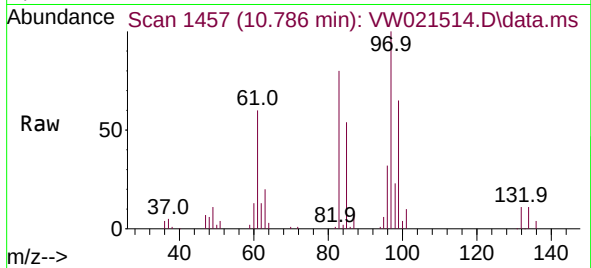




#45
1,1,2-Trichloroethane
Concen: 25.102 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

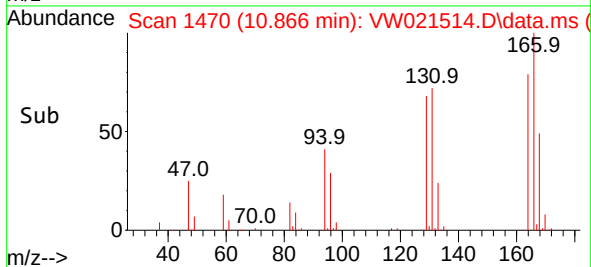
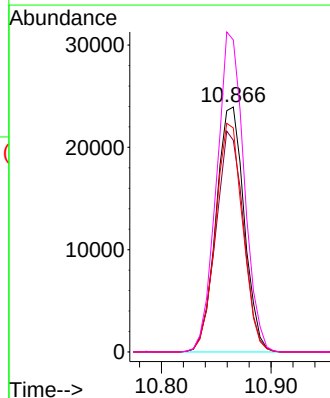
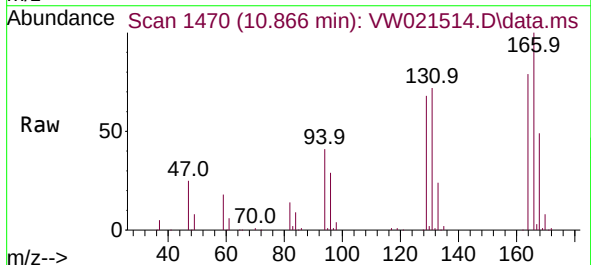
Instrument :
MSVOA_W
ClientSampleId :

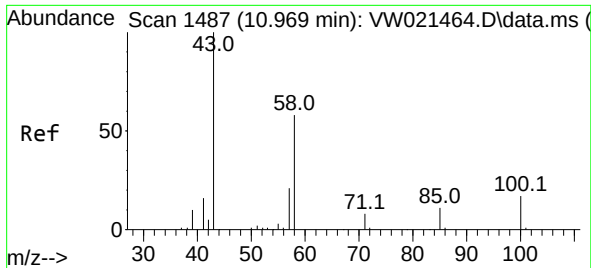
Tgt Ion: 97	Resp: 30353
Ion Ratio	Lower Upper
97 100	
99 65.2	43.0 79.8
83 80.0	62.6 116.3
85 53.6	40.0 74.2



#46
Tetrachloroethene
Concen: 24.198 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

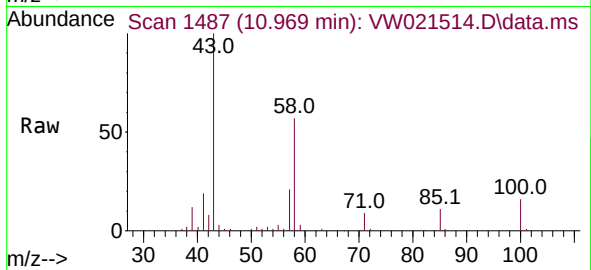
Tgt Ion:164	Resp: 42740		
Ion	Ratio	Lower	Upper
164	100		
129	86.4	65.5	121.7
131	91.4	59.7	110.9
166	127.4	88.7	164.7



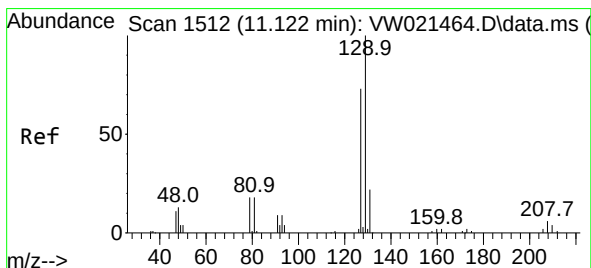
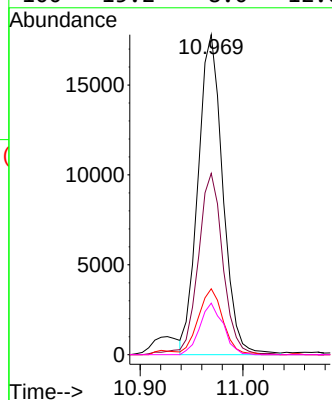
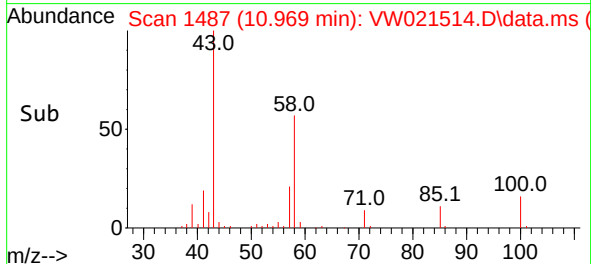


#48
2-Hexanone
Concen: 51.168 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Instrument :
MSVOA_W
ClientSampleId :

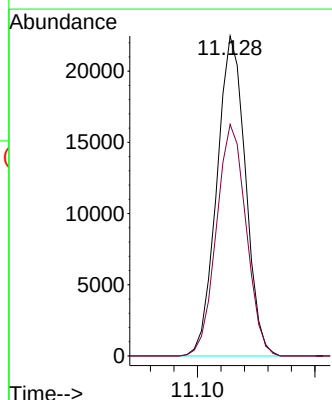
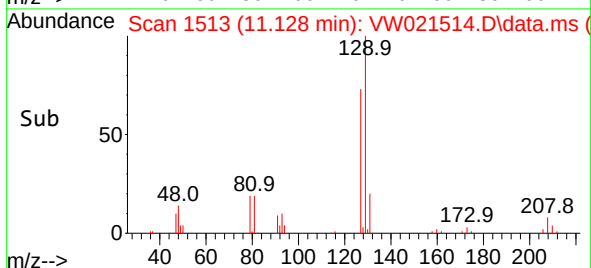
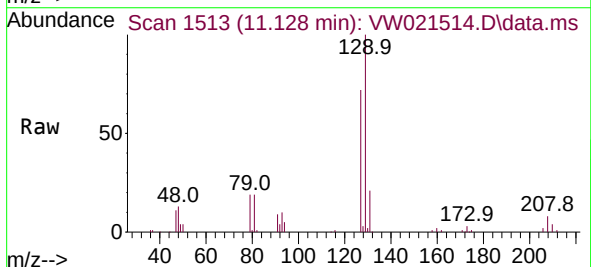


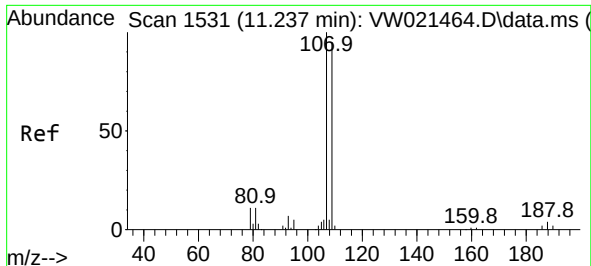
Tgt Ion: 43 Resp: 29870
Ion Ratio Lower Upper
43 100
58 54.3 40.2 60.2
57 20.5 14.3 21.5
100 15.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.563 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 129 Resp: 38107
Ion Ratio Lower Upper
129 100
127 72.3 55.7 103.5

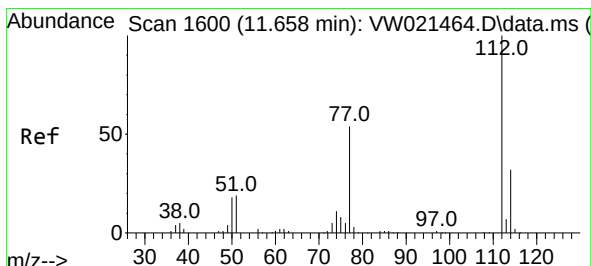
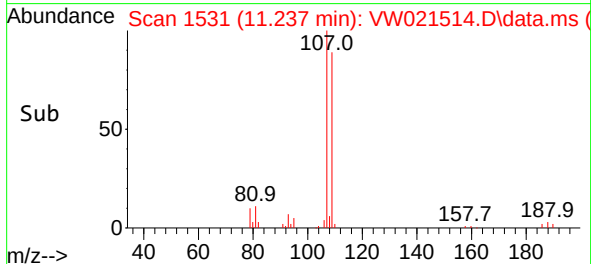
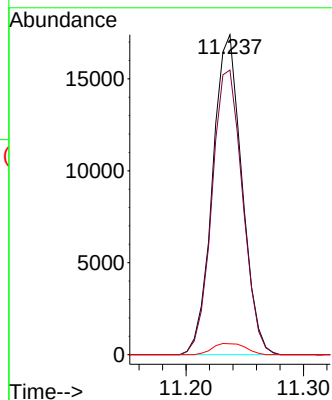
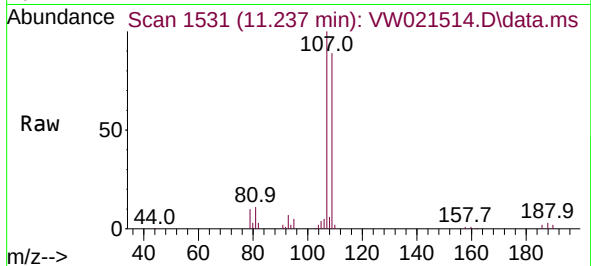




#50
1,2-Dibromoethane
Concen: 25.081 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

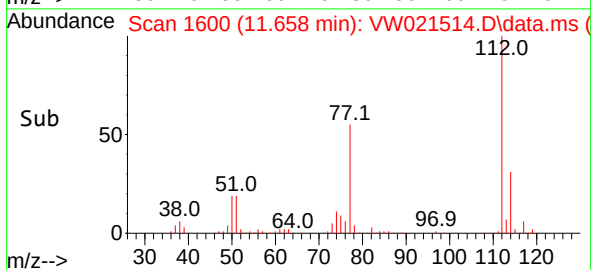
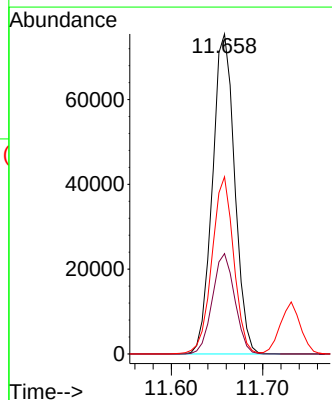
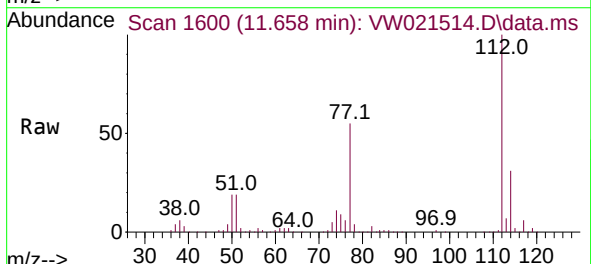
Instrument :
MSVOA_W
ClientSampleId :

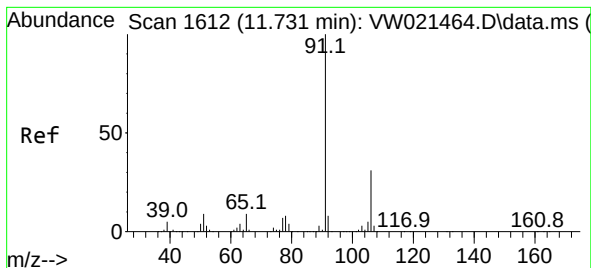
Tgt Ion:107 Resp: 30182
Ion Ratio Lower Upper
107 100
109 88.9 64.1 119.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 24.564 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion:112 Resp: 127391
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 55.3 50.2 75.4

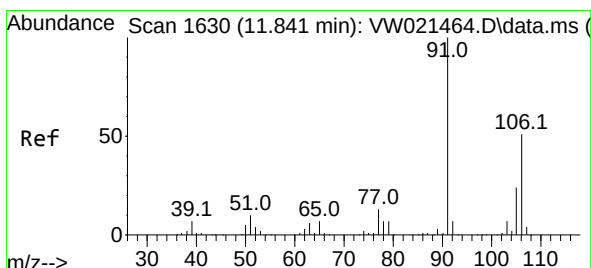
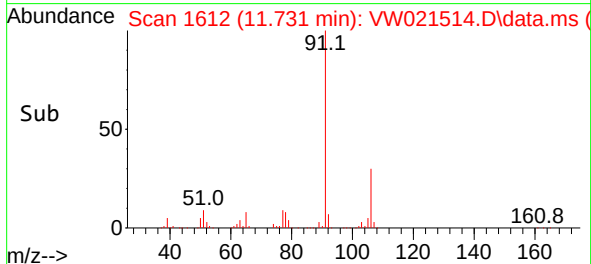
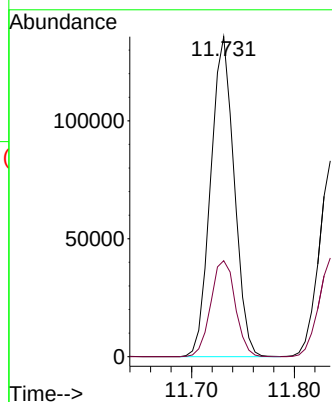
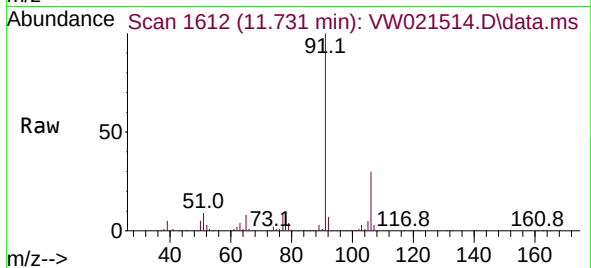




#52
Ethylbenzene
Concen: 24.299 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

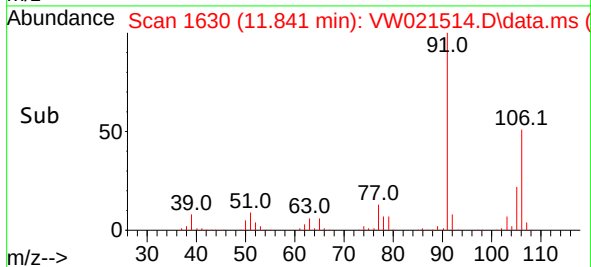
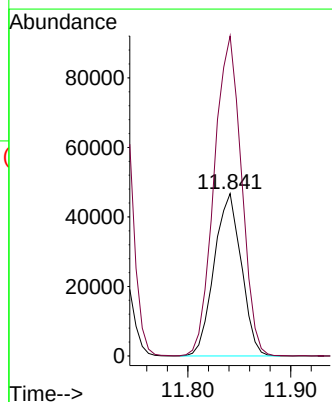
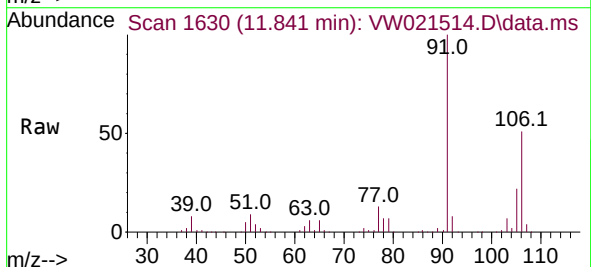
Instrument :
MSVOA_W
ClientSampleId :

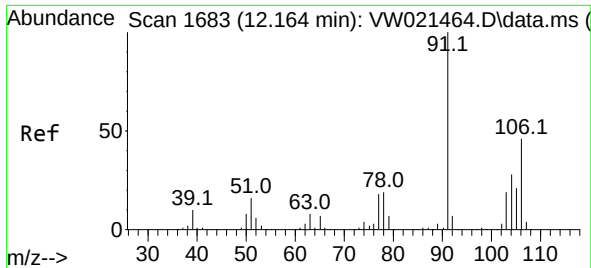
Tgt Ion: 91 Resp: 215093
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.020 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion:106 Resp: 85776
Ion Ratio Lower Upper
106 100
91 197.0 149.9 278.3

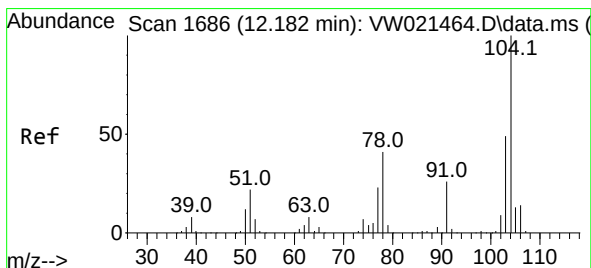
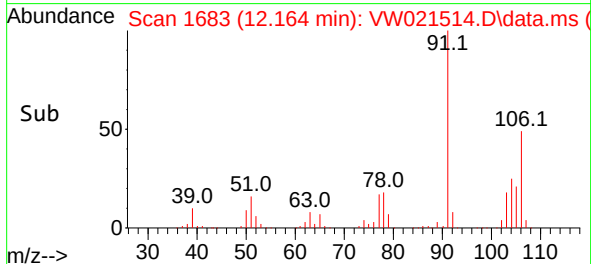
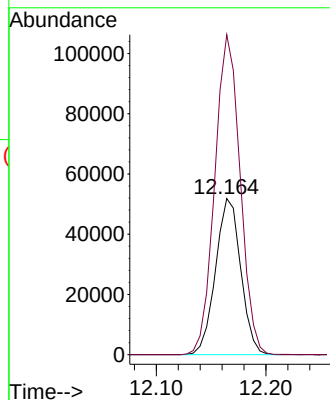
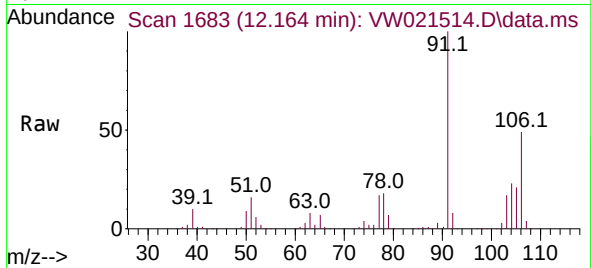




#54
o-Xylene
Concen: 24.436 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

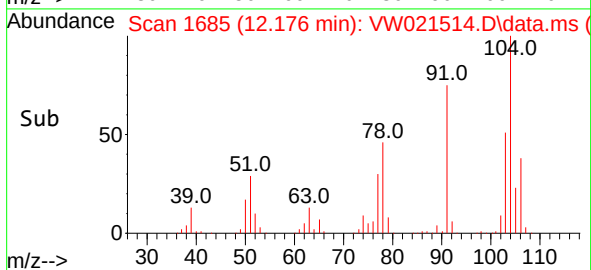
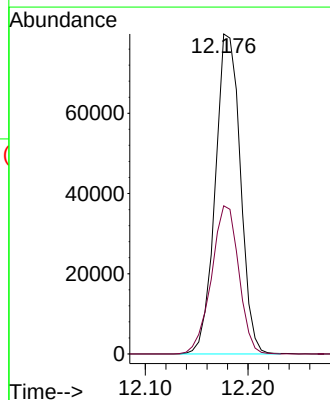
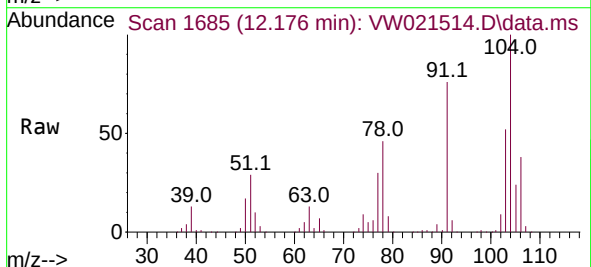
Instrument :
MSVOA_W
ClientSampleId :

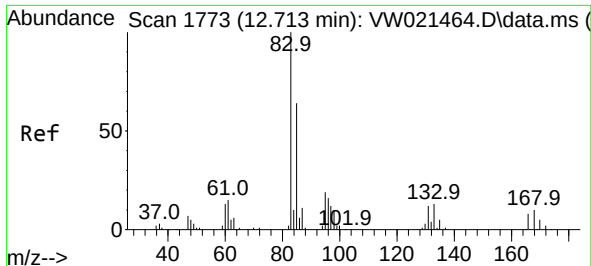
Tgt Ion:106 Resp: 82816
Ion Ratio Lower Upper
106 100
91 204.9 153.6 285.3



#55
Styrene
Concen: 23.423 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion:104 Resp: 135098
Ion Ratio Lower Upper
104 100
78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.570 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021514.D

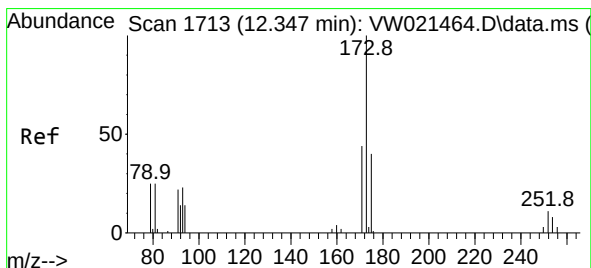
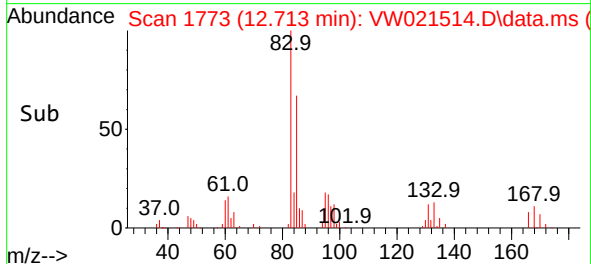
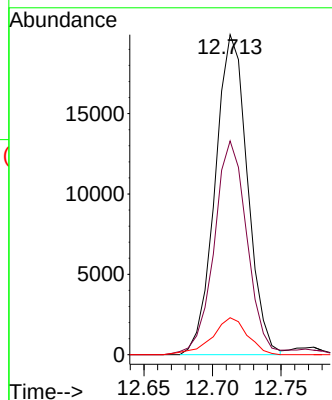
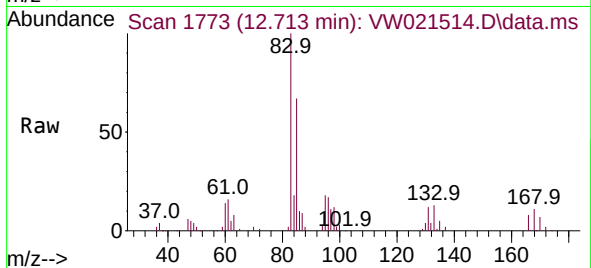
Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	32671
Ion Ratio	Lower	Upper	
83	100		
85	66.8	44.0	81.6
131	11.6	6.9	10.3#



#59

Bromoform

Concen: 23.928 ug/L

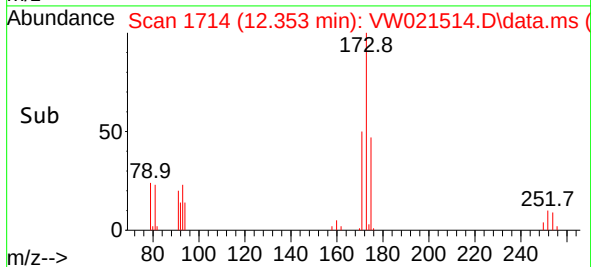
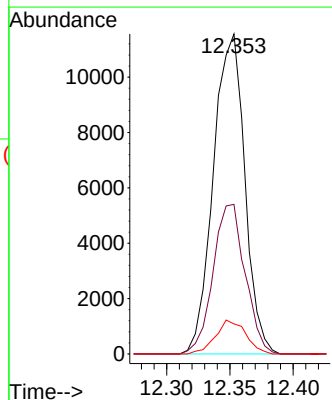
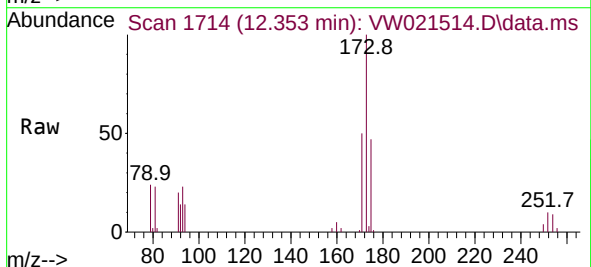
RT: 12.353 min Scan# 1714

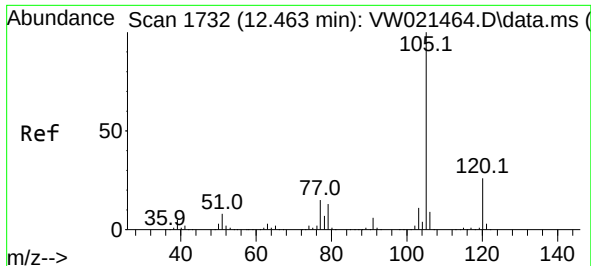
Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

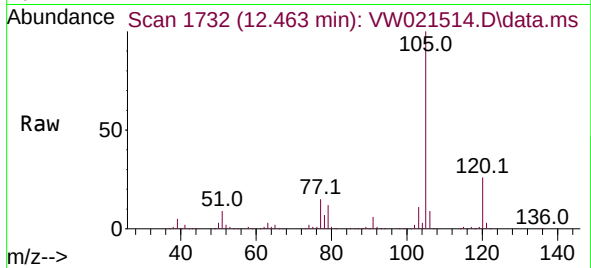
Tgt Ion:	173	Resp:	19955
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.6	59.4
254	10.2	7.4	11.0



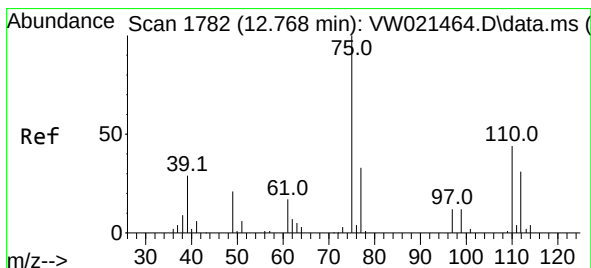
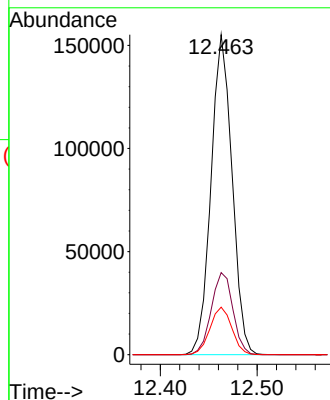
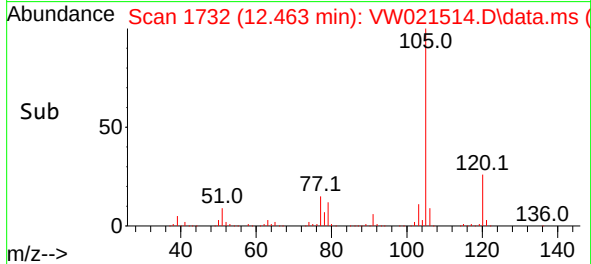


#60
Isopropylbenzene
Concen: 24.632 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Instrument :
MSVOA_W
ClientSampleId :

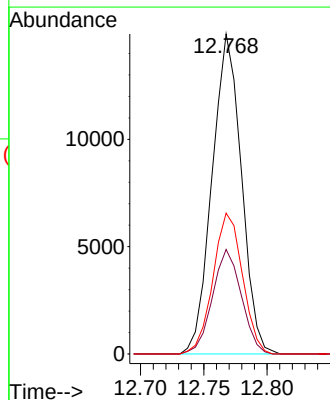
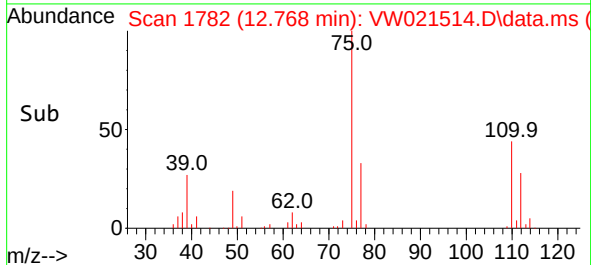
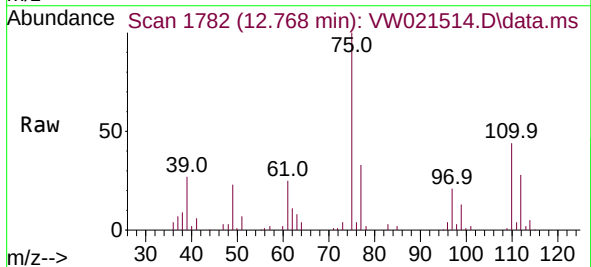


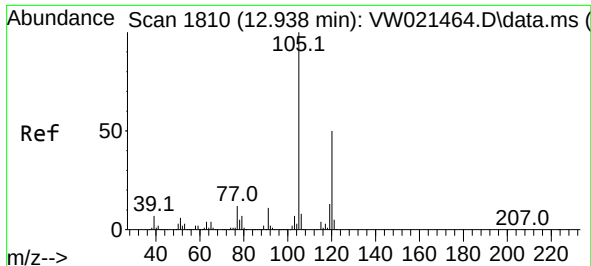
Tgt Ion:105 Resp: 234595
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.503 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion: 75 Resp: 23975
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.418 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

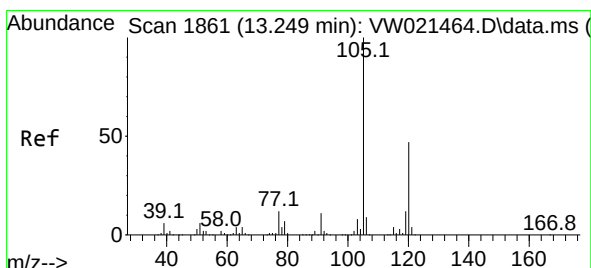
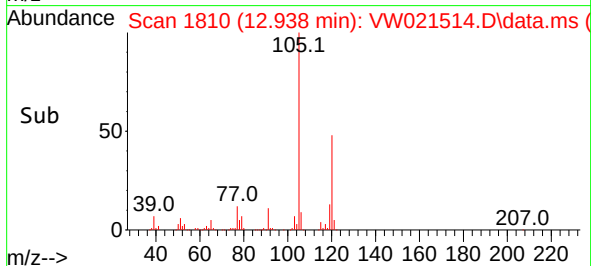
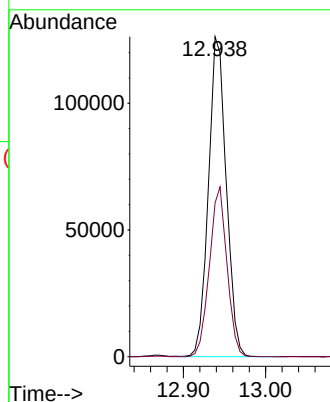
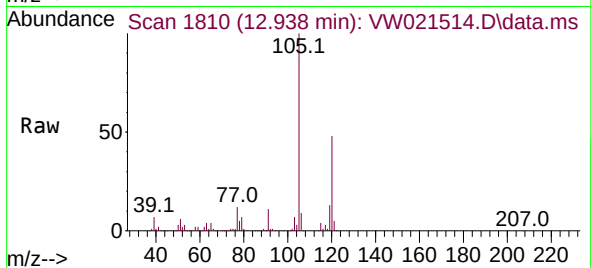
ClientSampleId :

Tgt Ion:105 Resp: 189785

Ion Ratio Lower Upper

105 100

120 52.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.659 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021514.D

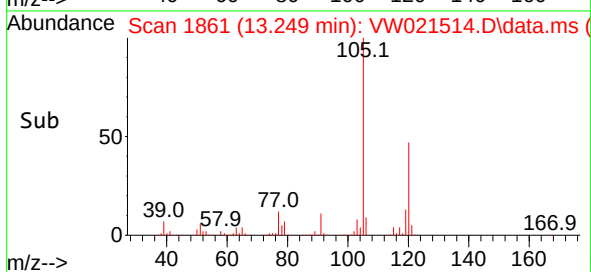
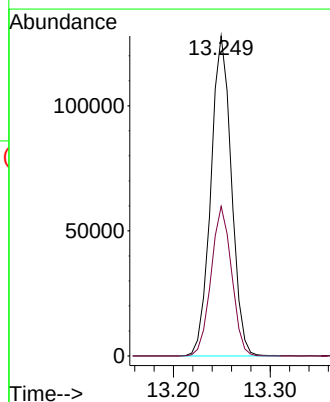
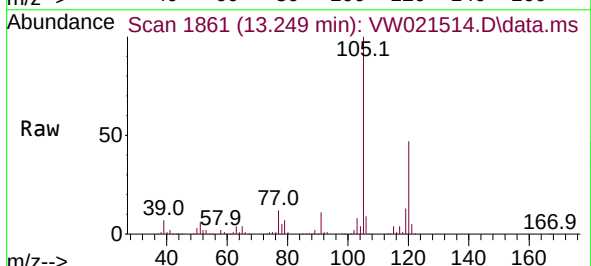
Acq: 21 Dec 2021 09:08

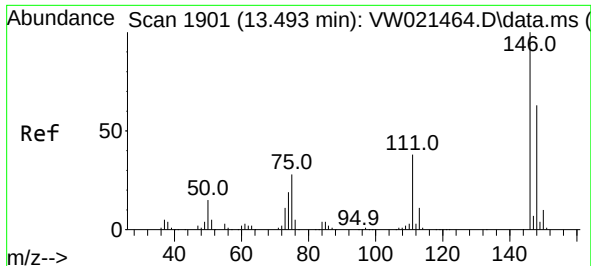
Tgt Ion:105 Resp: 189146

Ion Ratio Lower Upper

105 100

120 46.6 35.0 52.6

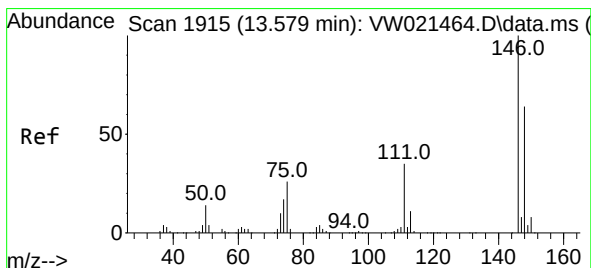
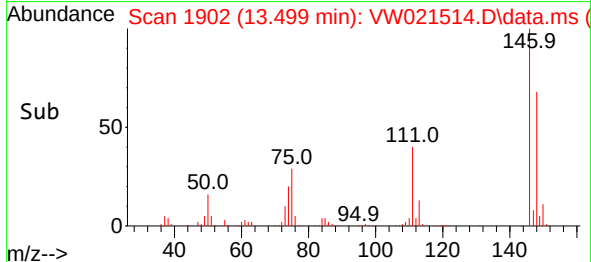
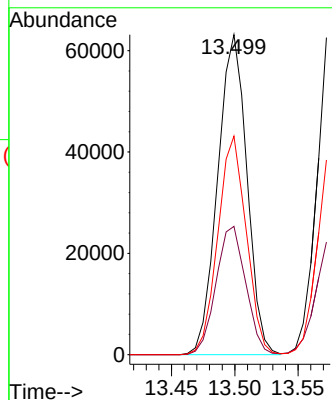
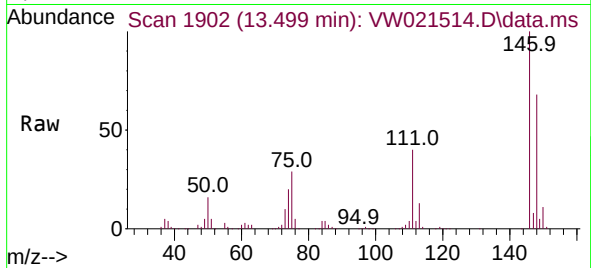




#64
 1,3-Dichlorobenzene
 Concen: 22.588 ug/L
 RT: 13.499 min Scan# 1901
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

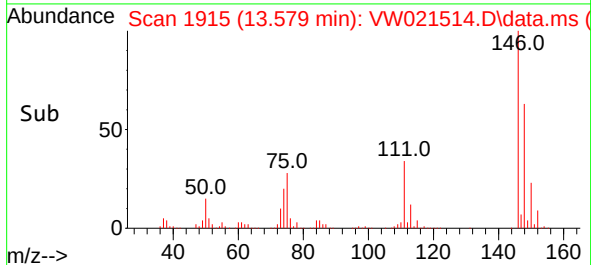
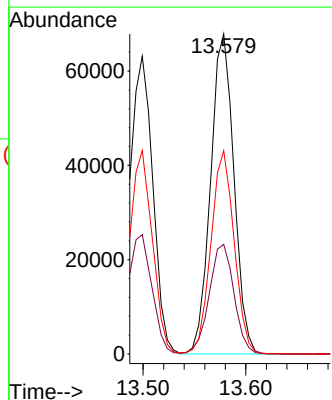
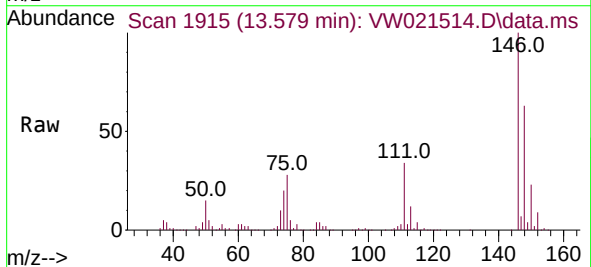
Instrument :
 MSVOA_W
 ClientSampleId :

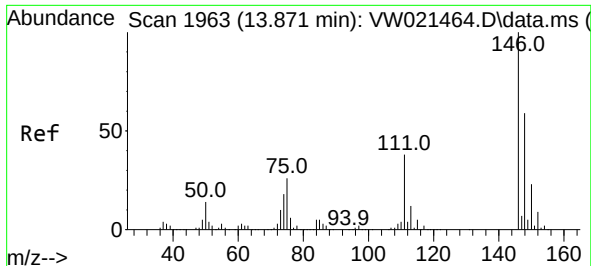
Tgt Ion:146 Resp: 101471
 Ion Ratio Lower Upper
 146 100
 111 40.1 29.8 55.3
 148 68.3 46.2 85.8



#65
 1,4-Dichlorobenzene
 Concen: 24.030 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW021514.D
 Acq: 21 Dec 2021 09:08

Tgt Ion:146 Resp: 107250
 Ion Ratio Lower Upper
 146 100
 111 34.2 29.0 53.9
 148 63.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.611 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :

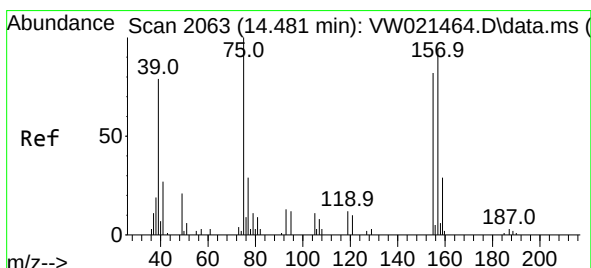
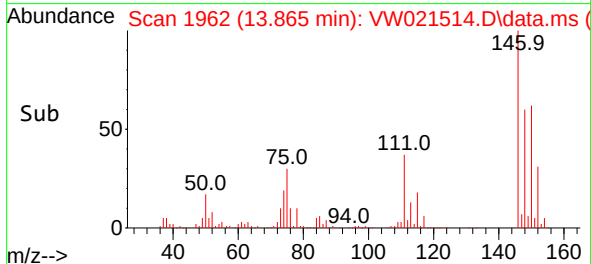
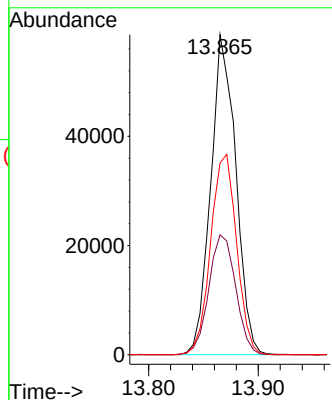
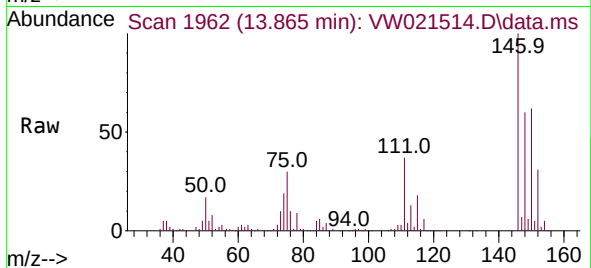
Tgt Ion:146 Resp: 93379

Ion Ratio Lower Upper

146 100

111 37.5 33.1 49.7

148 59.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.772 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

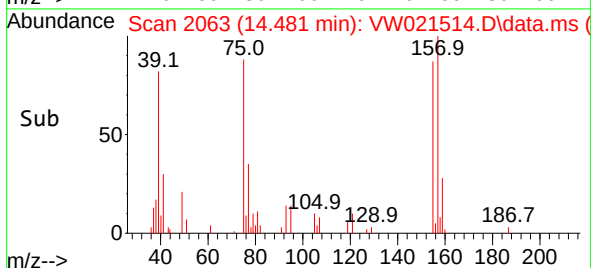
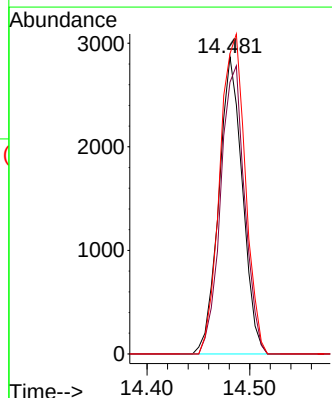
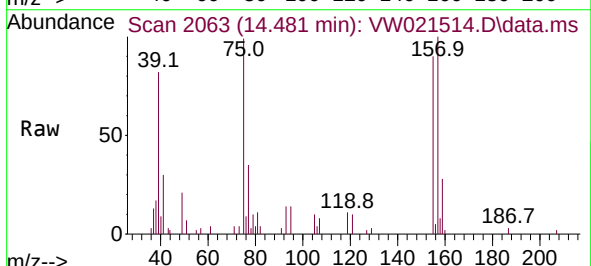
Tgt Ion: 75 Resp: 4581

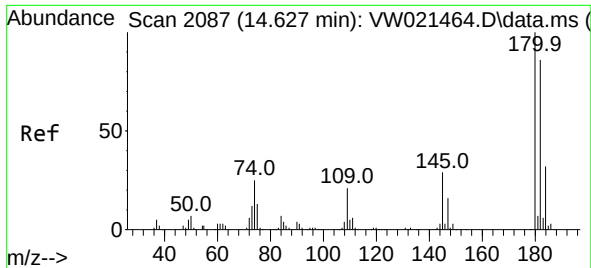
Ion Ratio Lower Upper

75 100

155 91.4 54.2 81.2#

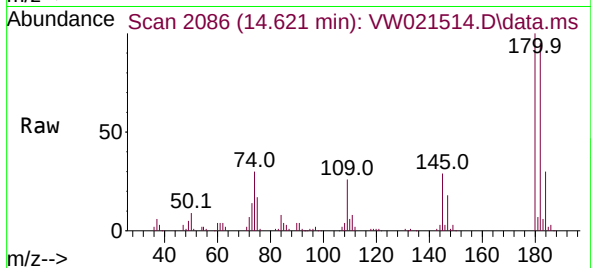
157 101.0 69.4 104.2



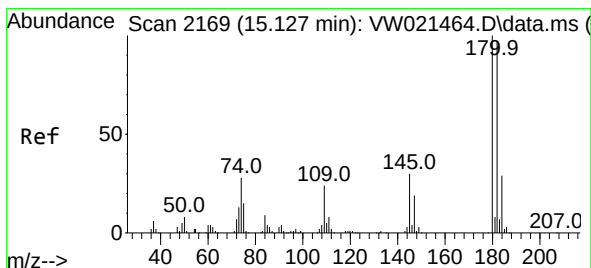
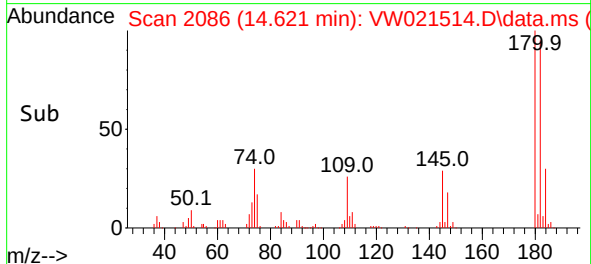
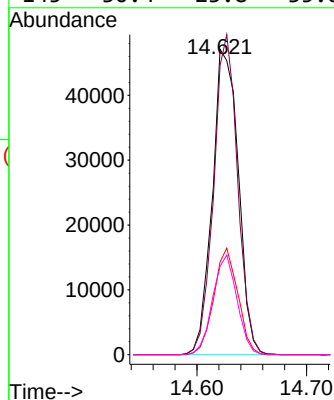


#69
1,3,5-Trichlorobenzene
Concen: 23.149 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Instrument :
MSVOA_W
ClientSampleId :

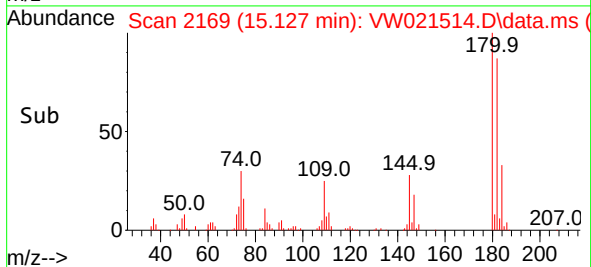
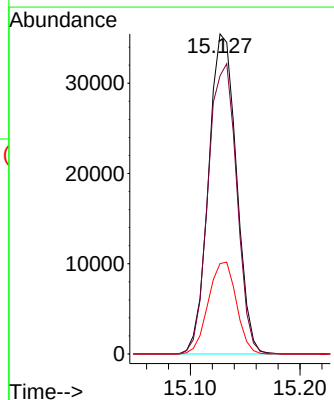
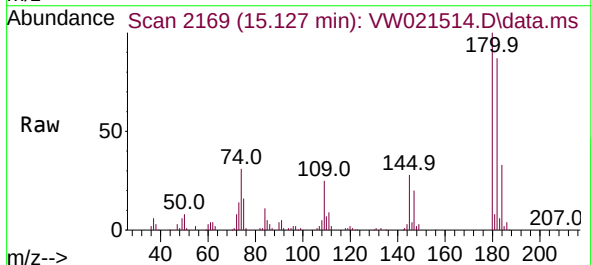


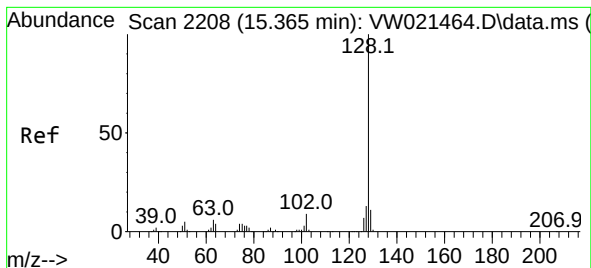
Tgt Ion:180 Resp: 77723
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.0
184 32.3 23.8 35.8
145 30.4 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.137 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021514.D
Acq: 21 Dec 2021 09:08

Tgt Ion:180 Resp: 62484
Ion Ratio Lower Upper
180 100
182 92.9 79.0 118.6
145 28.9 26.0 39.0





#71

Naphthalene

Concen: 22.868 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Instrument :

MSVOA_W

ClientSampleId :

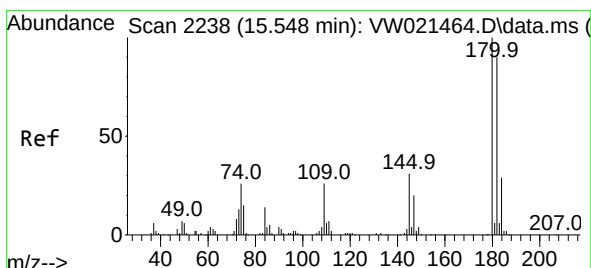
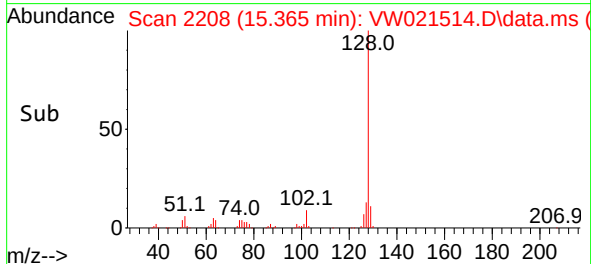
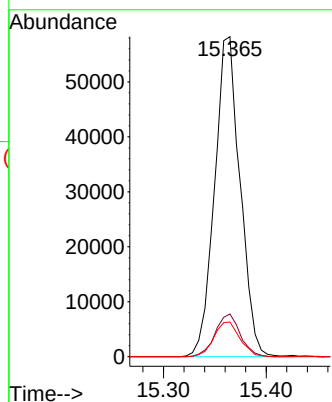
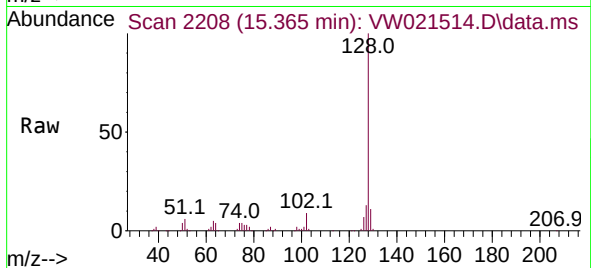
Tgt Ion:128 Resp: 100332

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 13.334 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW021514.D

Acq: 21 Dec 2021 09:08

Tgt Ion:180 Resp: 29759

Ion Ratio Lower Upper

180 100

182 156.8 76.6 114.8#

145 53.0 27.4 41.0#

