

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020571.D
 Acq On : 18 Oct 2021 18:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	177253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	167950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	55705	21.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.879	69	31048	22.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
11) 1,1-Dichloroethene-d2	4.019	63	116522	22.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.200%
21) 2-Butanone-d5	7.080	46	43601	55.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.100%
24) Chloroform-d	7.647	84	131716	23.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	76761	23.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.275	84	247922	22.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.274	67	80648	22.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	10.323	98	222025	22.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	34171	23.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.927	63	30871	55.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.480%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	68780	25.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	76791	21.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	37943	33.126	ug/L	95
3) Chloromethane	2.215	50	58784	24.682	ug/L	97
5) Vinyl chloride	2.355	62	75876	22.651	ug/L	98
6) Bromomethane	2.769	94	31985	21.984	ug/L	99
8) Chloroethane	2.916	64	28570	23.098	ug/L	98
9) Trichlorofluoromethane	3.251	101	29973	15.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	63500	23.362	ug/L	98
12) 1,1-Dichloroethene	4.037	96	57481	23.065	ug/L	98
13) Acetone	4.129	43	37369	51.854	ug/L	100
14) Carbon disulfide	4.379	76	172338	21.260	ug/L	100
15) Methyl Acetate	4.672	43	35368	26.428	ug/L	99
16) Methylene chloride	4.915	84	74926	21.744	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	60086	22.980	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	93872	25.482	ug/L	99
19) 1,1-Dichloroethane	6.214	63	128536	23.979	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	66330	24.406	ug/L	97
22) 2-Butanone	7.177	43	48179	53.409	ug/L	98
23) Bromochloromethane	7.519	128	28381	23.809	ug/L	98
25) Chloroform	7.677	83	125135	24.013	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020571.D
 Acq On : 18 Oct 2021 18:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

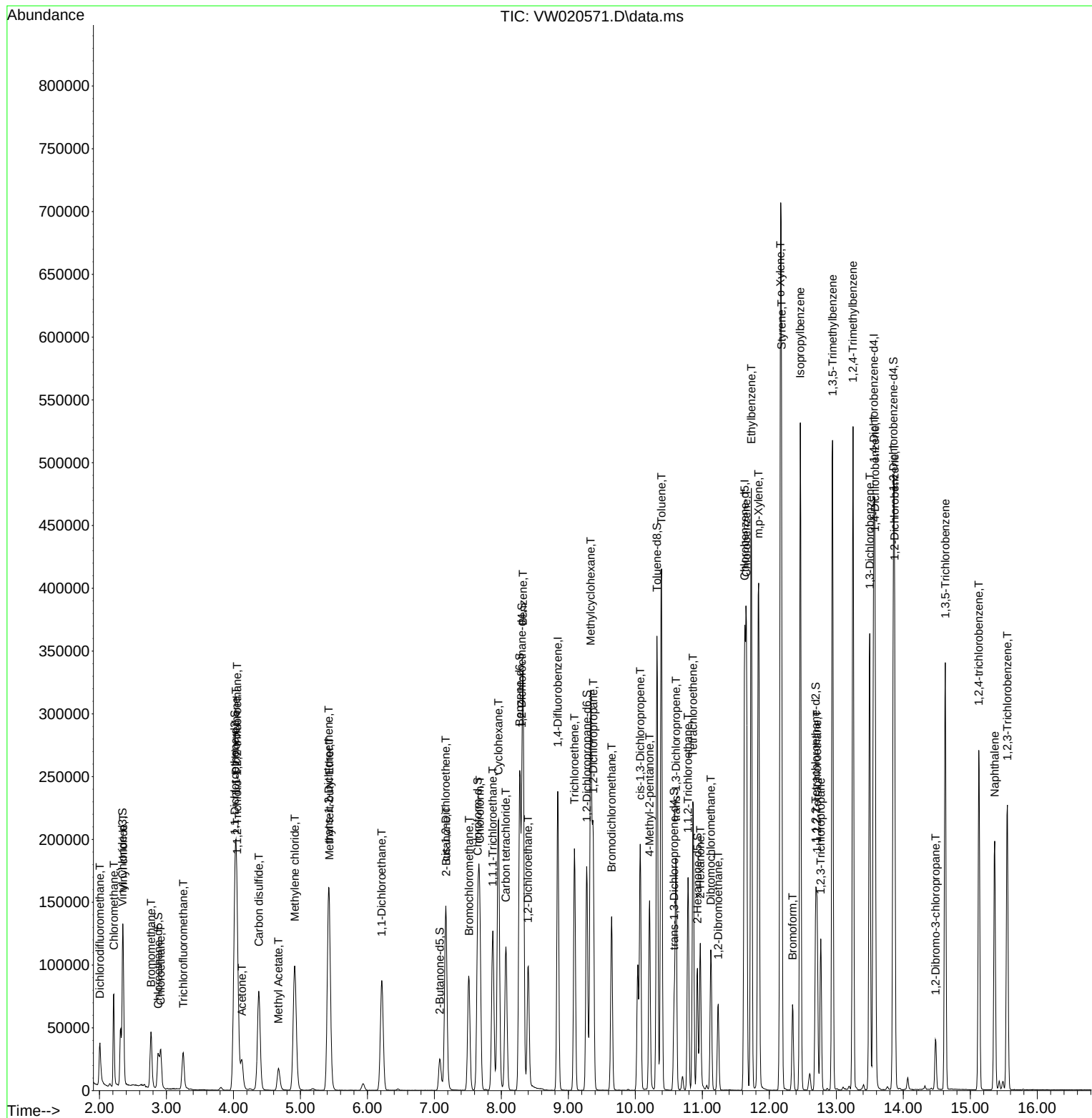
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	88592	24.856	ug/L	99
29) Cyclohexane	7.958	56	115646	23.519	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	98164	23.528	ug/L	99
31) Carbon tetrachloride	8.067	117	83521	22.768	ug/L	99
33) Benzene	8.323	78	277429	23.192	ug/L	100
34) Trichloroethene	9.091	95	66980	22.728	ug/L	97
35) Methylcyclohexane	9.335	83	115003	22.803	ug/L	98
37) 1,2-Dichloropropane	9.372	63	74419	24.023	ug/L	99
38) Bromodichloromethane	9.646	83	88868	23.927	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	105390	24.658	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	101710	54.702	ug/L	99
42) Toluene	10.390	91	288892	24.077	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	94978	25.207	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	48928	24.599	ug/L	97
46) Tetrachloroethene	10.859	164	48470	22.898	ug/L	94
48) 2-Hexanone	10.969	43	76117	55.797	ug/L	99
49) Dibromochloromethane	11.128	129	53966	24.627	ug/L	93
50) 1,2-Dibromoethane	11.237	107	44928	24.591	ug/L	96
51) Chlorobenzene	11.658	112	172087	23.258	ug/L	96
52) Ethylbenzene	11.731	91	315598	24.255	ug/L	99
53) m,p-Xylene	11.841	106	119359	24.758	ug/L	100
54) o-Xylene	12.164	106	111745	25.098	ug/L	99
55) Styrene	12.182	104	201812	25.924	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	62169	25.213	ug/L	97
59) Bromoform	12.347	173	28510	22.206	ug/L	98
60) Isopropylbenzene	12.463	105	313276	23.290	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	47390	23.472	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	261125	23.777	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	261219	24.012	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	133873	23.002	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	133796	22.225	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	123587	23.178	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10664	24.866	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	95928	23.114	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	78765	23.969	ug/L	100
71) Naphthalene	15.365	128	154421	26.136	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	72808	25.226	ug/L	100

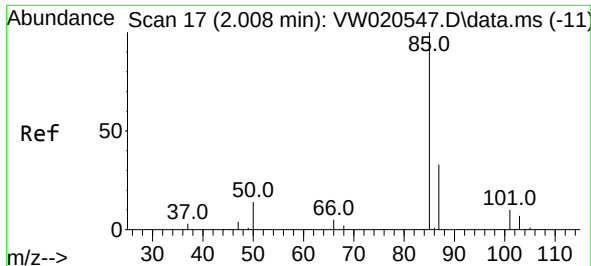
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020571.D
 Acq On : 18 Oct 2021 18:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 05:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

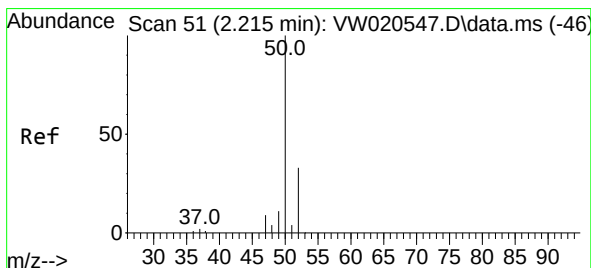
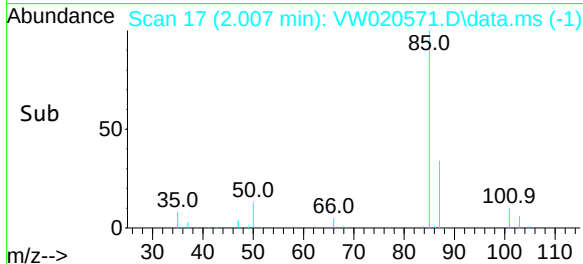
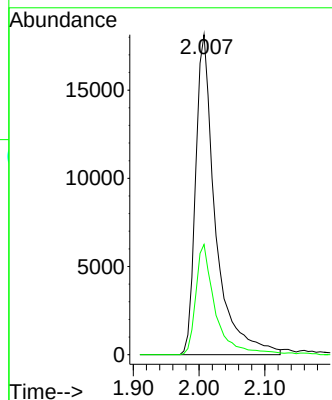
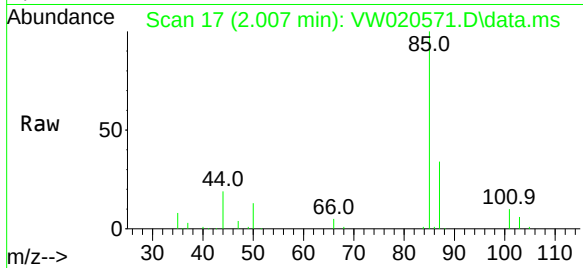




#2
 Dichlorodifluoromethane
 Concen: 33.126 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

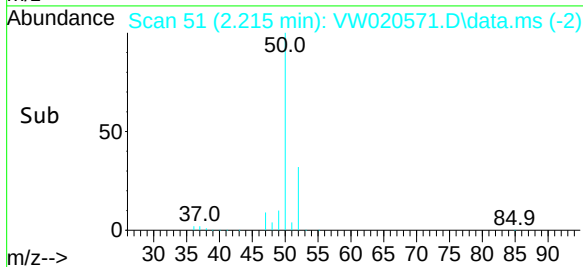
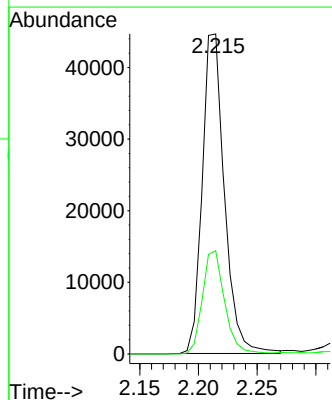
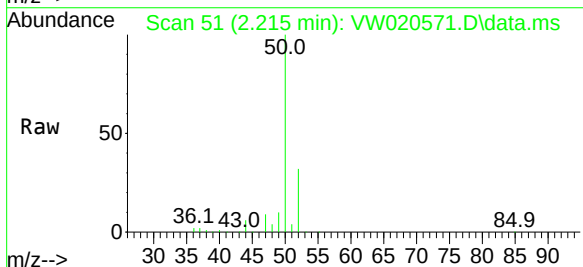
Instrument :
 MSVOA_W
 ClientSampleId :

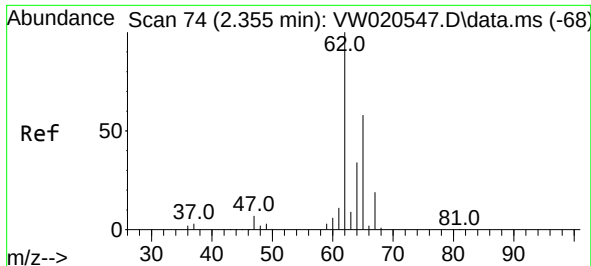
Tgt Ion: 85 Resp: 37943
 Ion Ratio Lower Upper
 85 100
 87 33.9 24.9 37.3



#3
 Chloromethane
 Concen: 24.682 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

Tgt Ion: 50 Resp: 58784
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.5 39.9

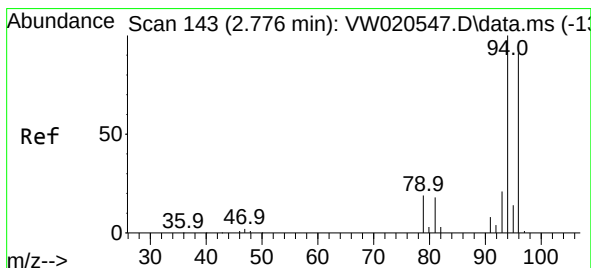
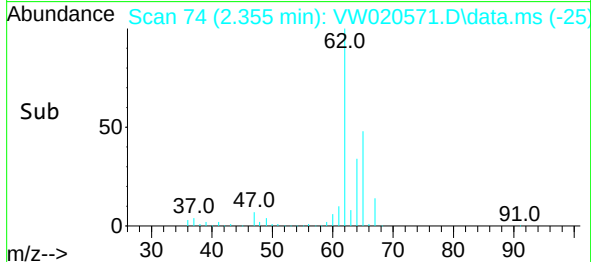
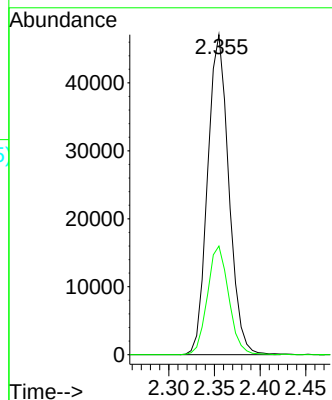
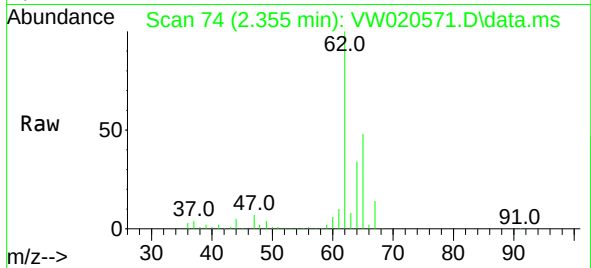




#5
 Vinyl chloride
 Concen: 22.651 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

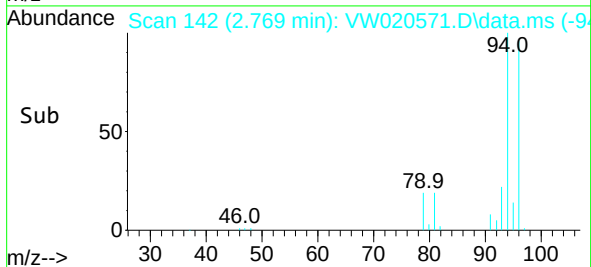
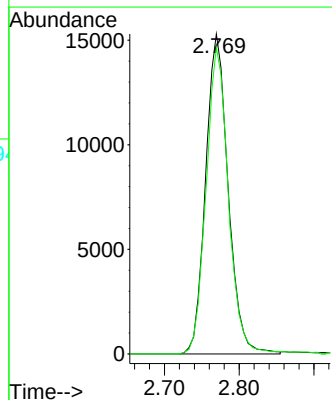
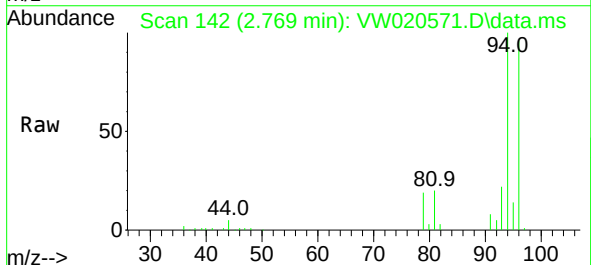
Instrument :
 MSVOA_W
 ClientSampleId :

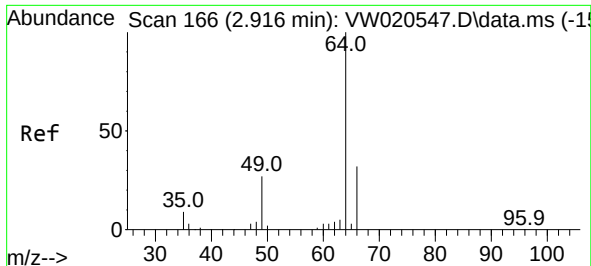
Tgt Ion: 62 Resp: 75876
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.6 45.6



#6
 Bromomethane
 Concen: 21.984 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

Tgt Ion: 94 Resp: 31985
 Ion Ratio Lower Upper
 94 100
 96 95.8 67.8 126.0

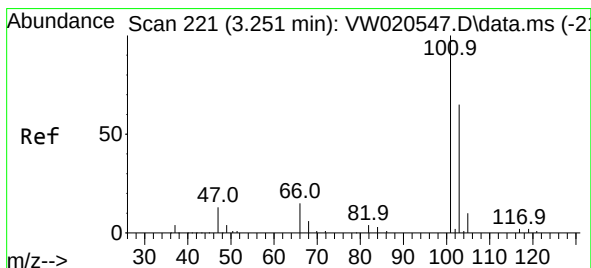
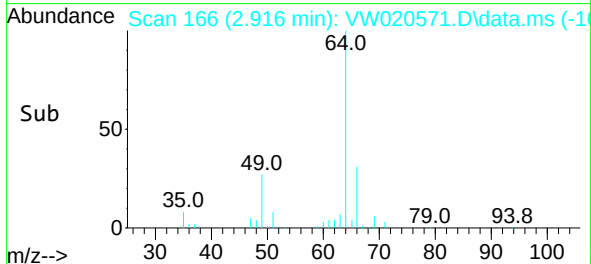
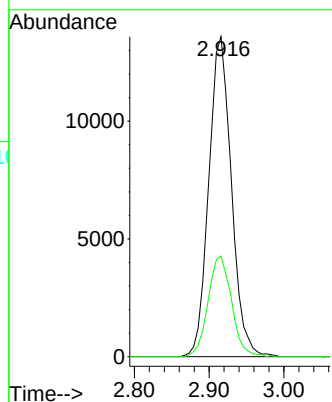
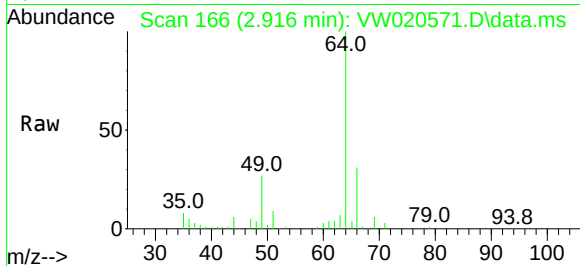




#8
Chloroethane
Concen: 23.098 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

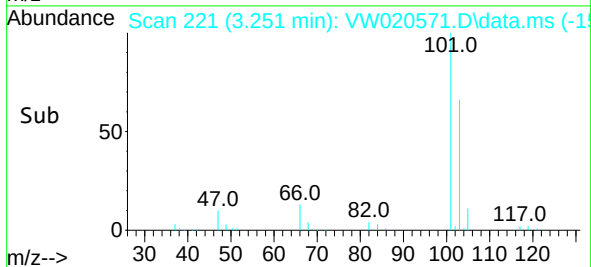
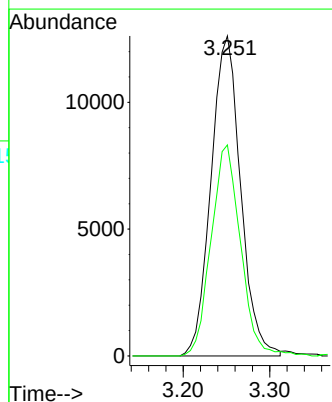
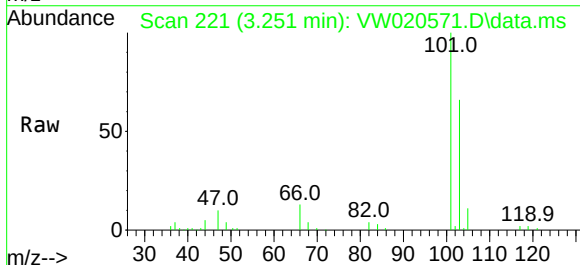
Instrument :
MSVOA_W
ClientSampleId :

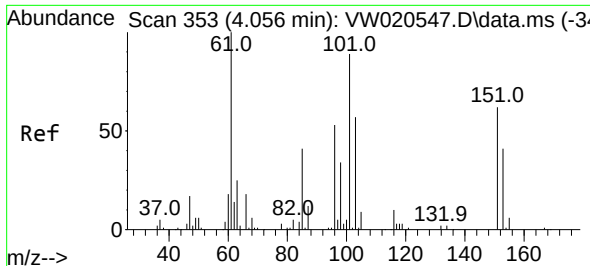
Tgt Ion: 64 Resp: 28570
Ion Ratio Lower Upper
64 100
66 31.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 15.726 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion:101 Resp: 29973
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

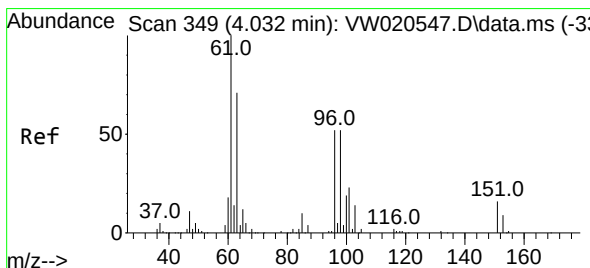
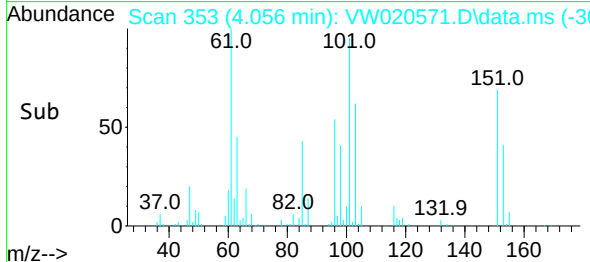
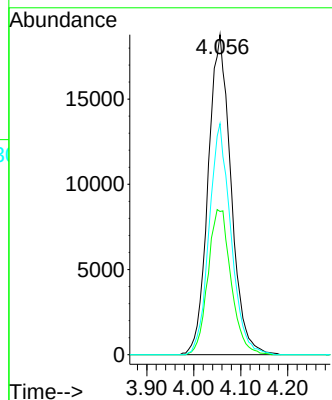
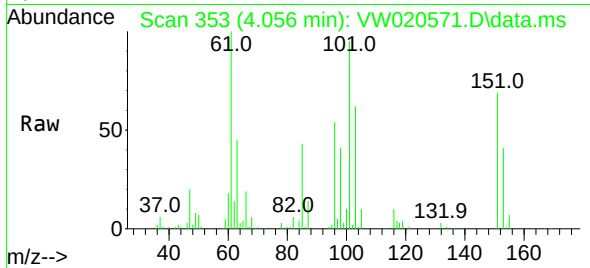




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.362 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

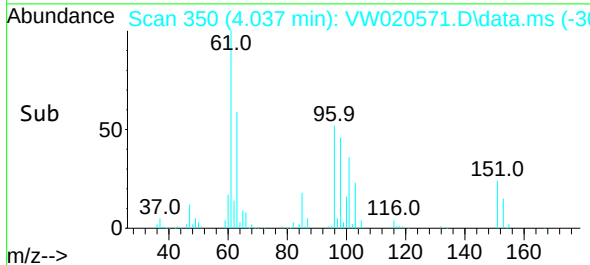
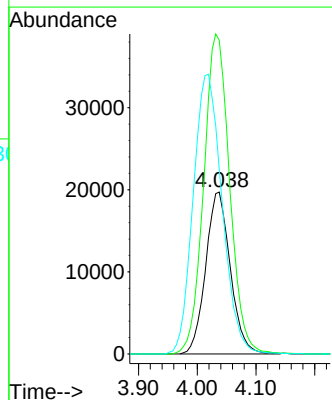
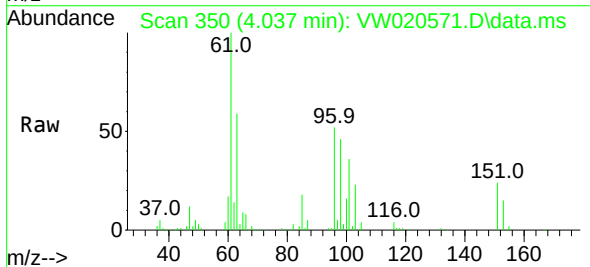
Instrument :
 MSVOA_W
 ClientSampleId :

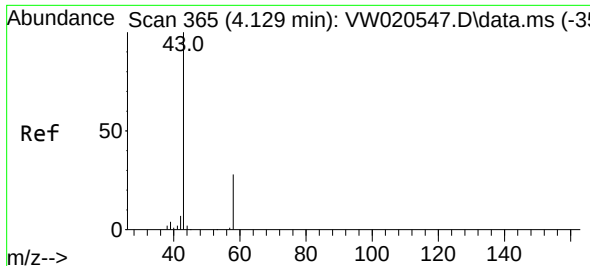
Tgt Ion:101 Resp: 63500
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.3 54.5
 151 68.9 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 23.065 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW020571.D
 Acq: 18 Oct 2021 18:34

Tgt Ion: 96 Resp: 57481
 Ion Ratio Lower Upper
 96 100
 61 193.8 133.9 248.7
 63 114.2 77.3 143.7





#13

Acetone

Concen: 51.854 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.000 min

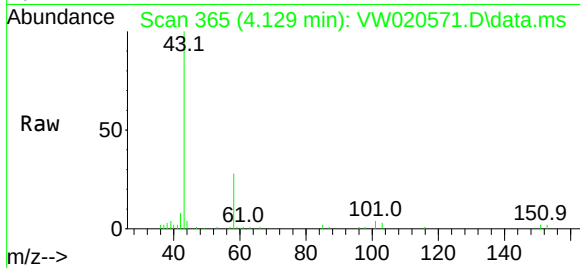
Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

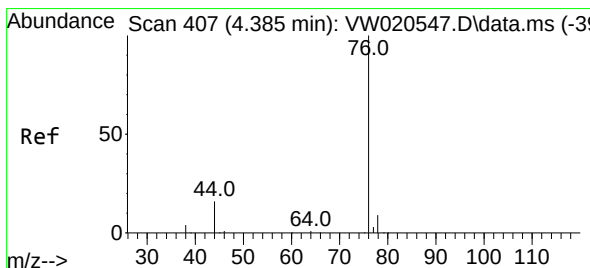
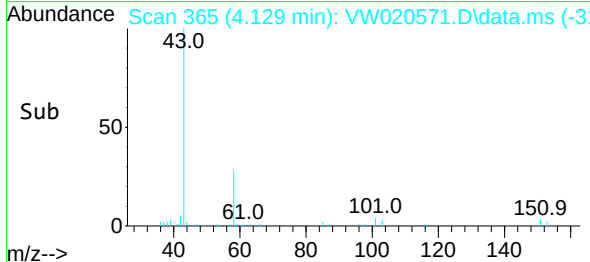
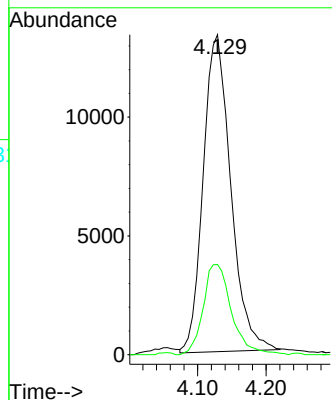


Tgt Ion: 43 Resp: 37369

Ion Ratio Lower Upper

43 100

58 29.2 0.0 58.4



#14

Carbon disulfide

Concen: 21.260 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW020571.D

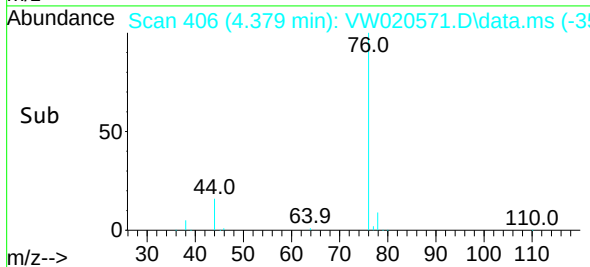
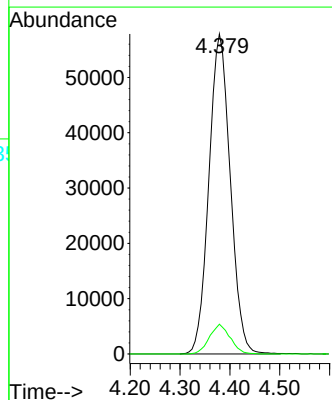
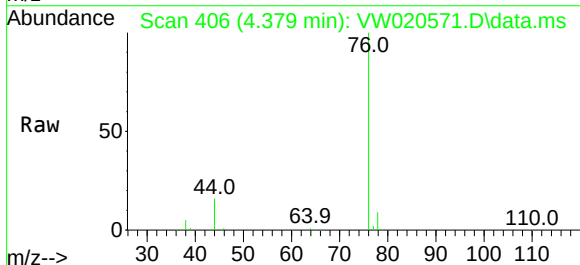
Acq: 18 Oct 2021 18:34

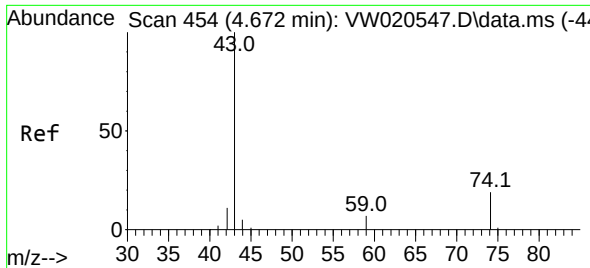
Tgt Ion: 76 Resp: 172338

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

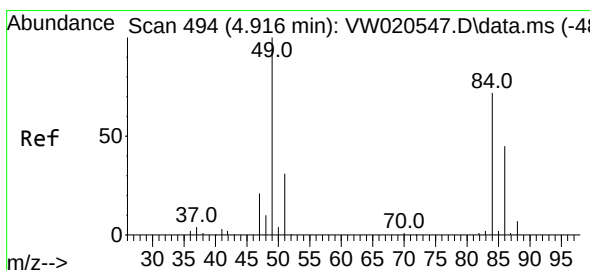
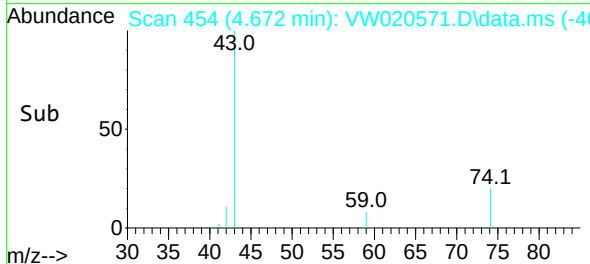
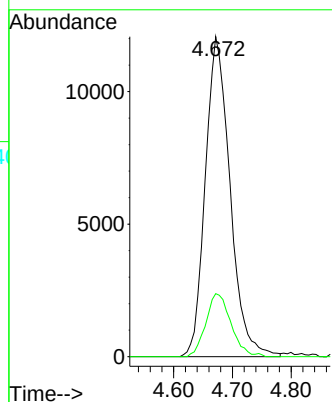
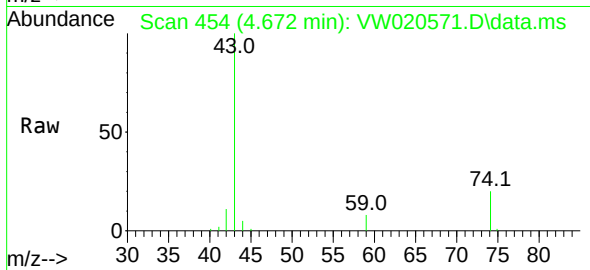




#15
Methyl Acetate
Concen: 26.428 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

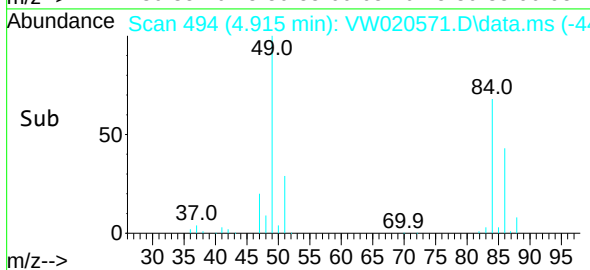
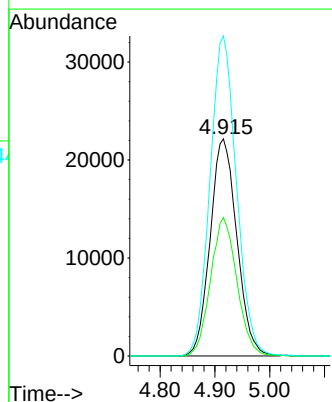
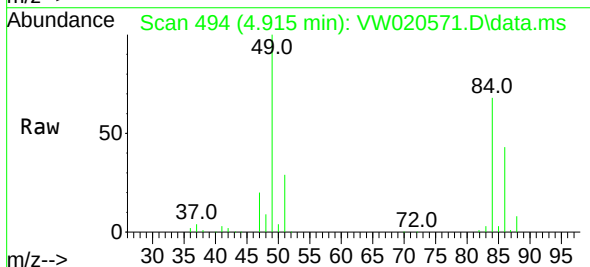
Instrument :
MSVOA_W
ClientSampleId :

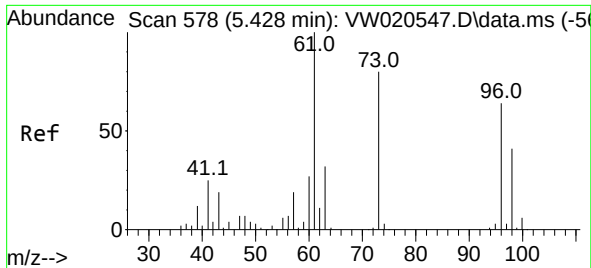
Tgt Ion: 43 Resp: 35368
Ion Ratio Lower Upper
43 100
74 19.8 16.1 24.1



#16
Methylene chloride
Concen: 21.744 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 84 Resp: 74926
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 147.3 101.7 188.9





#17

trans-1,2-Dichloroethene

Concen: 22.980 ug/L

RT: 5.421 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

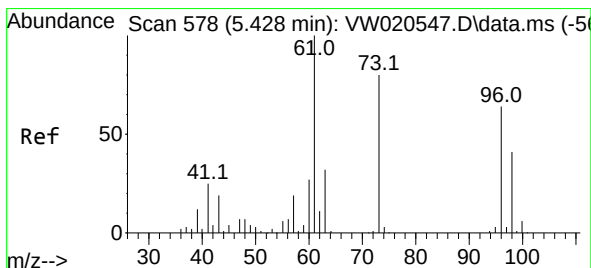
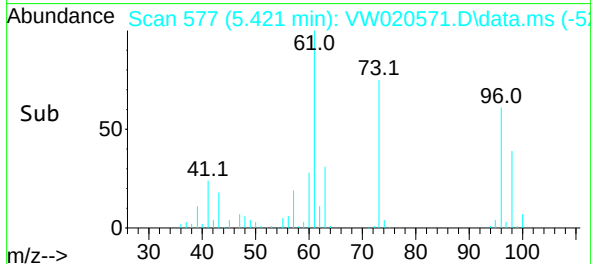
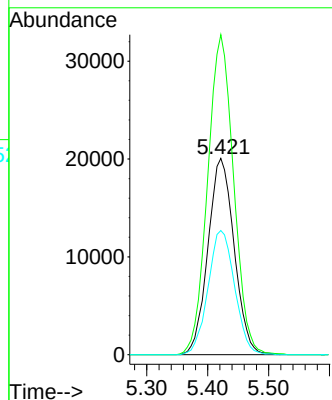
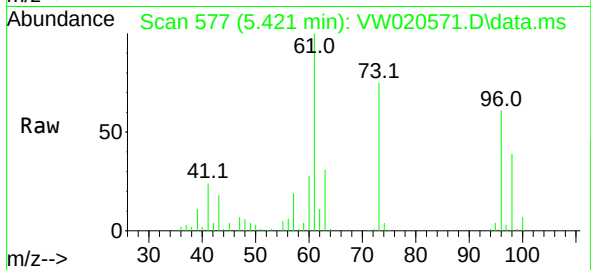
Tgt Ion: 96 Resp: 60086

Ion Ratio Lower Upper

96 100

61 163.0 110.7 205.5

98 63.2 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 25.482 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

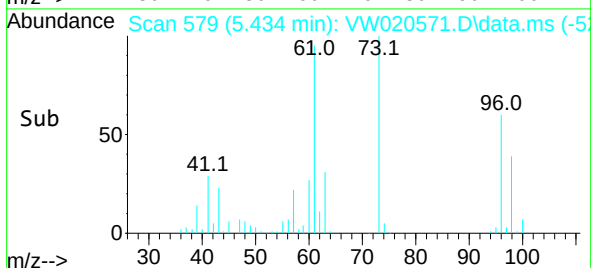
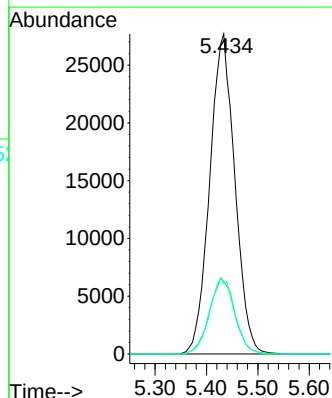
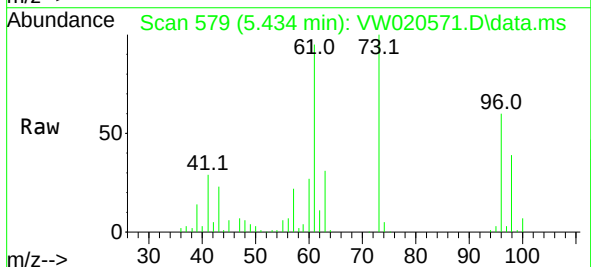
Tgt Ion: 73 Resp: 93872

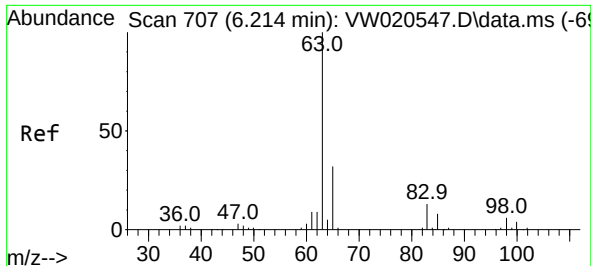
Ion Ratio Lower Upper

73 100

43 24.0 18.9 28.3

57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.979 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

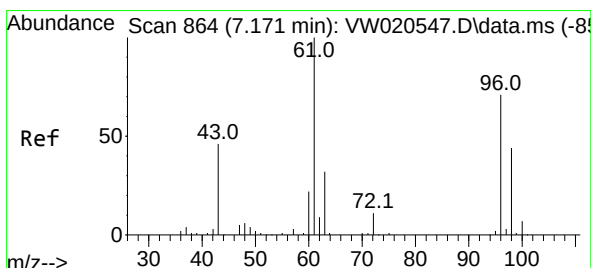
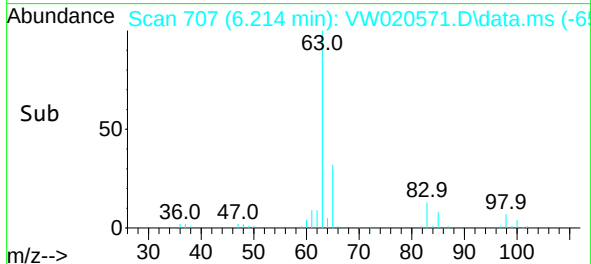
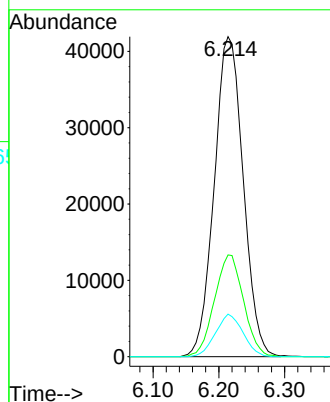
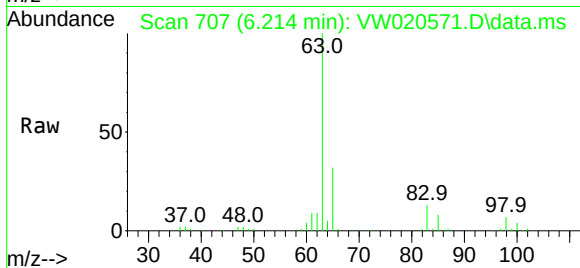
Tgt Ion: 63 Resp: 128536

Ion Ratio Lower Upper

63 100

65 31.8 21.9 40.7

83 13.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.406 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

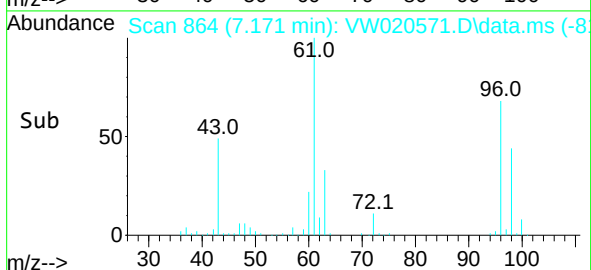
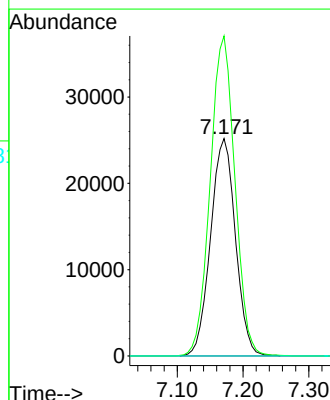
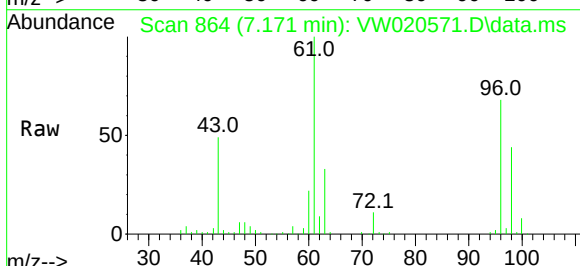
Tgt Ion: 96 Resp: 66330

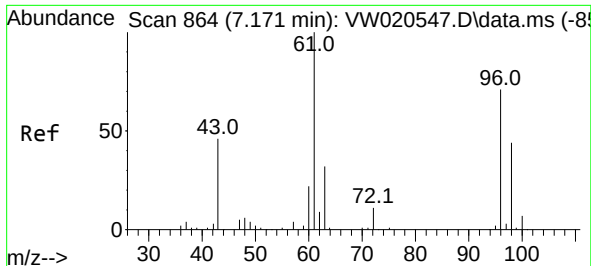
Ion Ratio Lower Upper

96 100

61 147.2 100.3 186.3

68 0.0 0.0 0.0

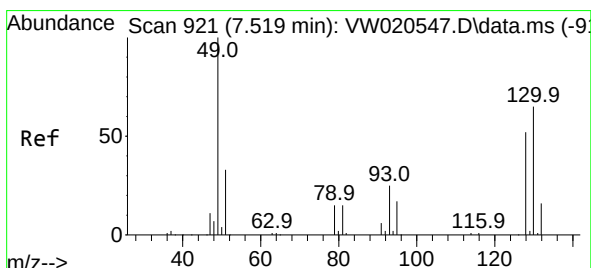
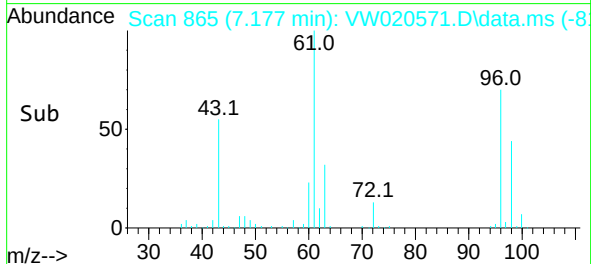
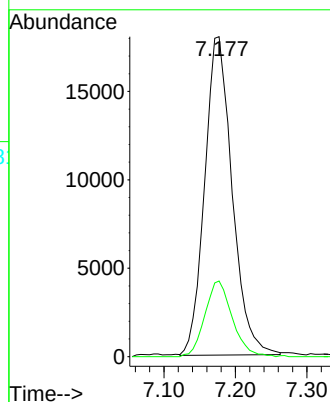
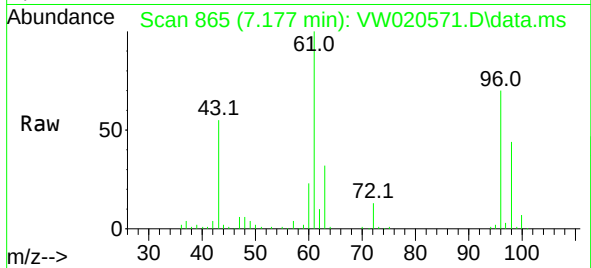




#22
2-Butanone
Concen: 53.409 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

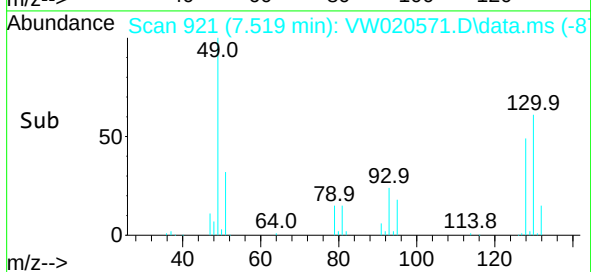
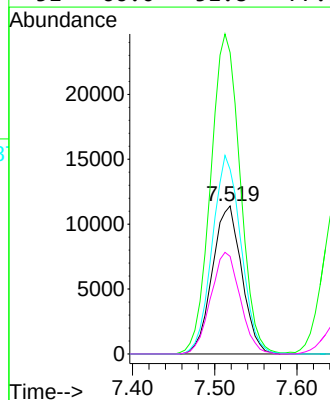
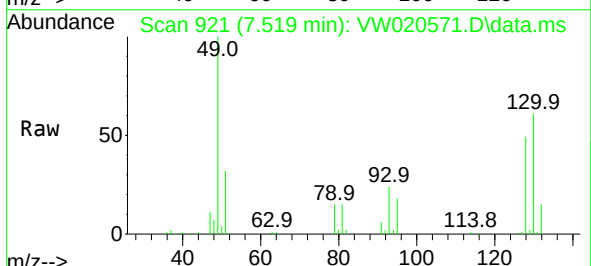
Instrument :
MSVOA_W
ClientSampleId :

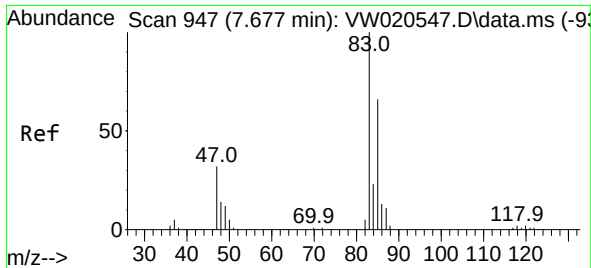
Tgt Ion: 43 Resp: 48179
Ion Ratio Lower Upper
43 100
72 23.6 12.2 36.6



#23
Bromochloromethane
Concen: 23.809 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

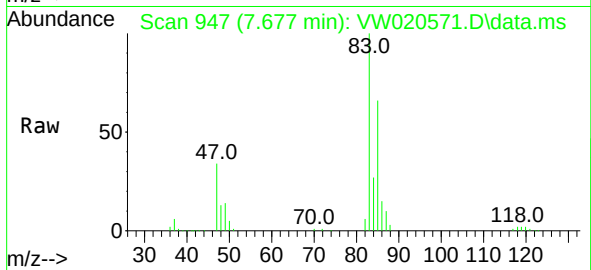
Tgt Ion: 128 Resp: 28381
Ion Ratio Lower Upper
128 100
49 203.5 144.1 267.7
130 124.6 89.2 165.6
51 66.0 51.8 77.8



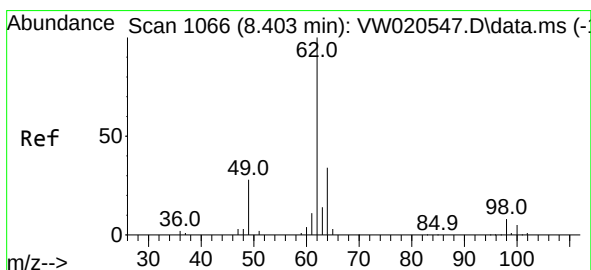
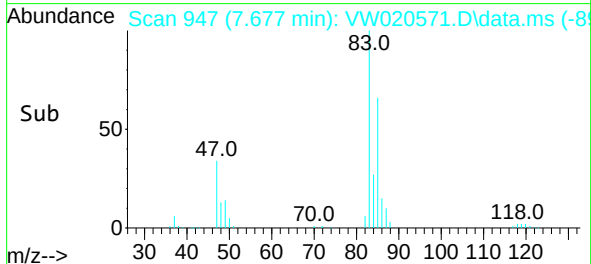
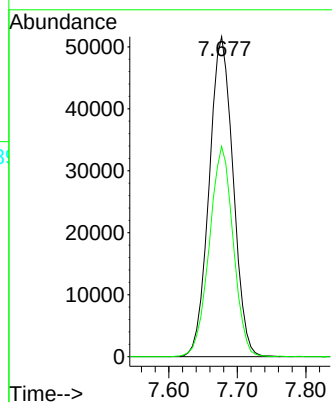


#25
Chloroform
Concen: 24.013 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Instrument :
MSVOA_W
ClientSampleId :

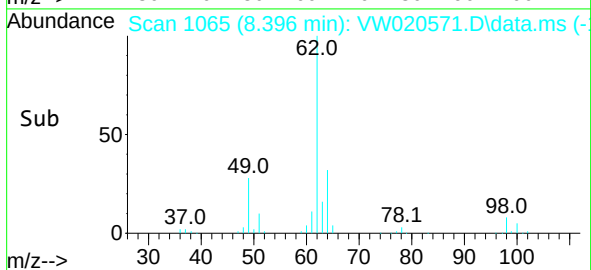
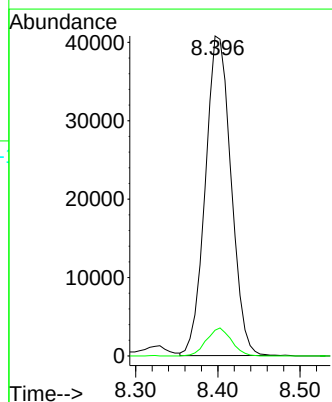
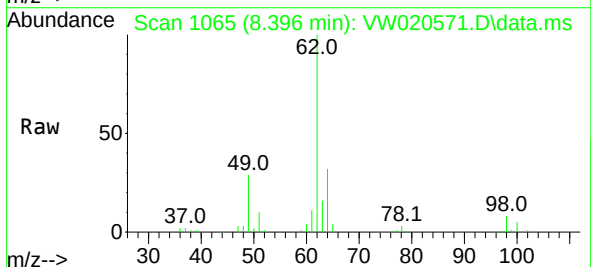


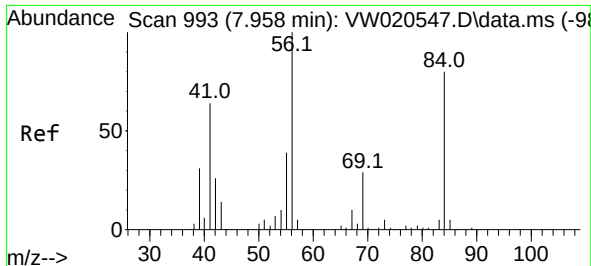
Tgt Ion: 83 Resp: 125135
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.856 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

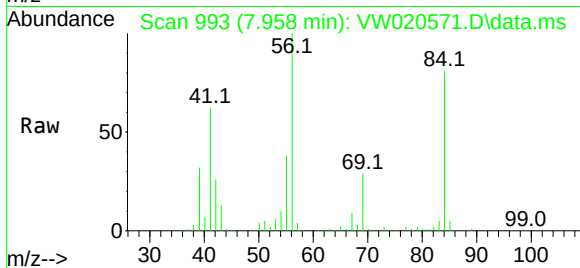
Tgt Ion: 62 Resp: 88592
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0



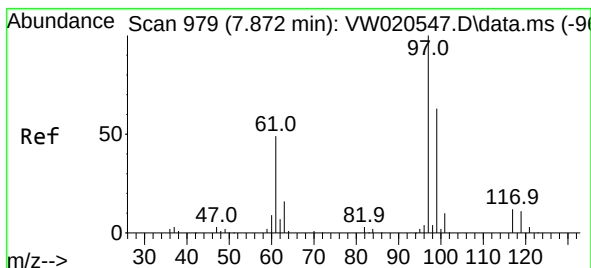
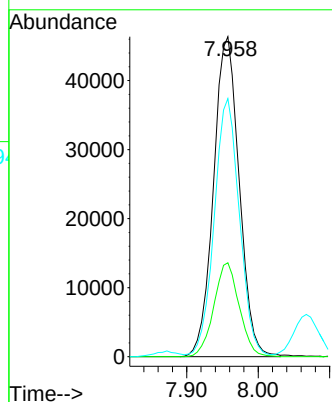
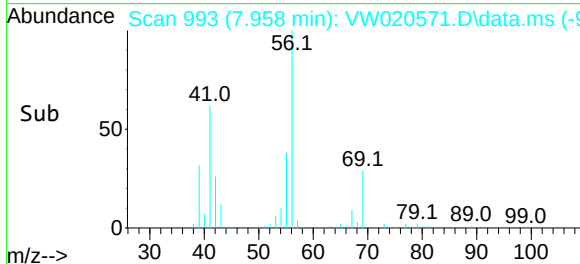


#29
Cyclohexane
Concen: 23.519 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Instrument :
MSVOA_W
ClientSampleId :

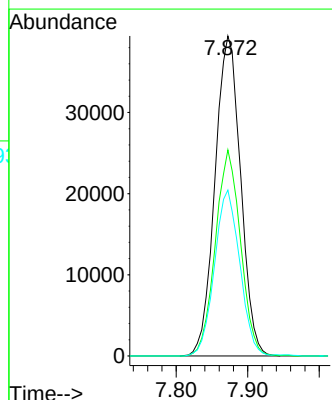
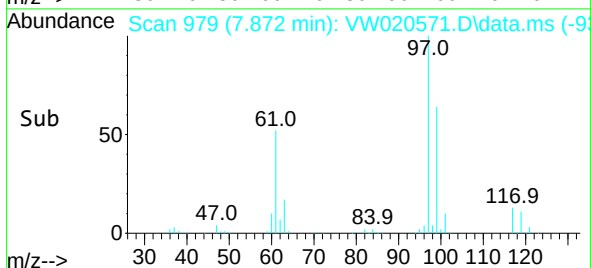
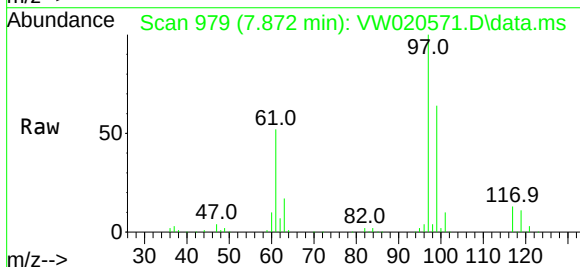


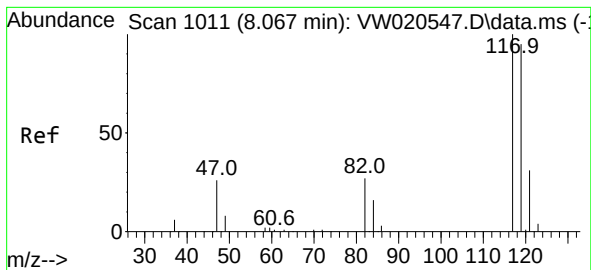
Tgt Ion: 56 Resp: 115646
Ion Ratio Lower Upper
56 100
69 28.9 23.2 34.8
84 79.3 63.7 95.5



#30
1,1,1-Trichloroethane
Concen: 23.528 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 97 Resp: 98164
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 51.2 41.0 61.6

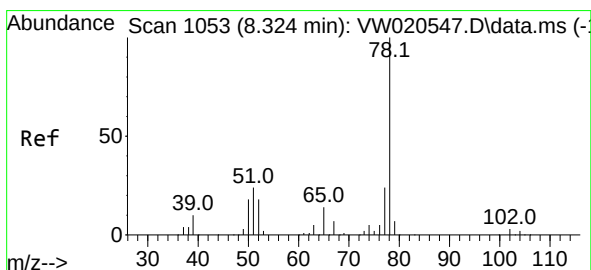
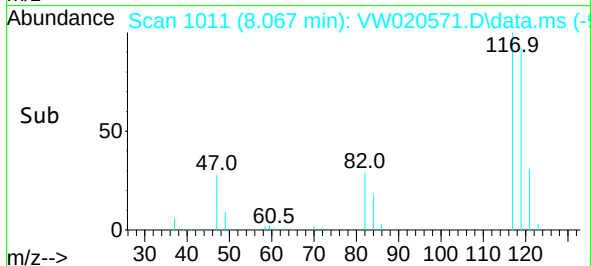
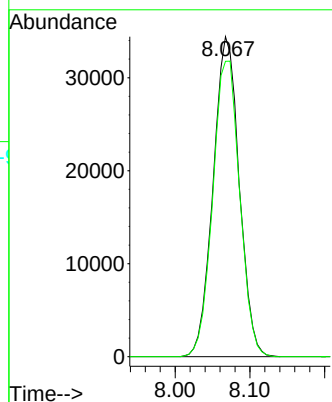
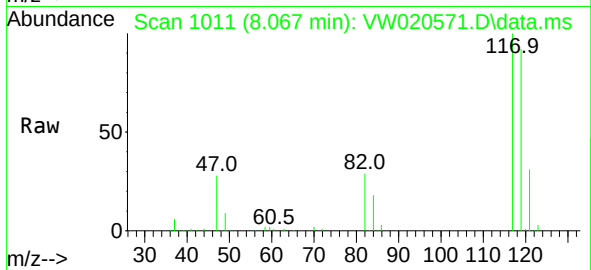




#31
Carbon tetrachloride
Concen: 22.768 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

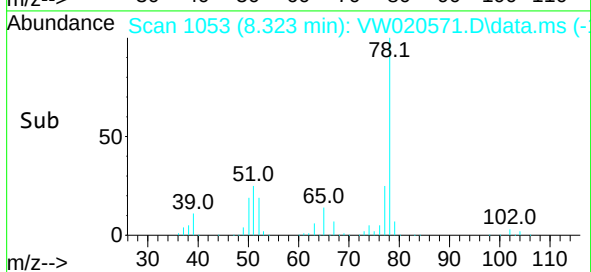
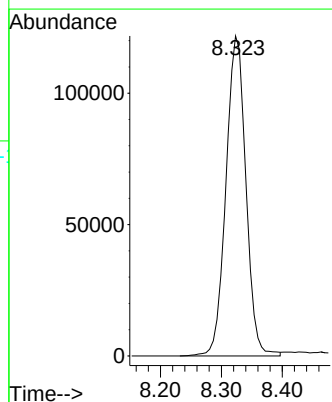
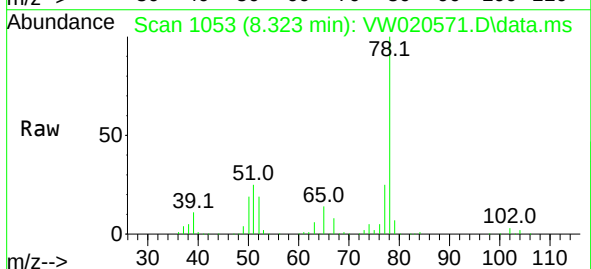
Instrument :
MSVOA_W
ClientSampleId :

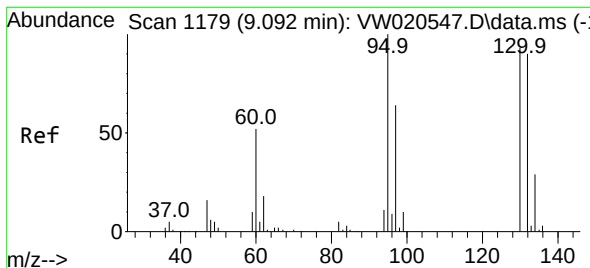
Tgt Ion:117 Resp: 83521
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4



#33
Benzene
Concen: 23.192 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 78 Resp: 277429





#34

Trichloroethene

Concen: 22.728 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 66980

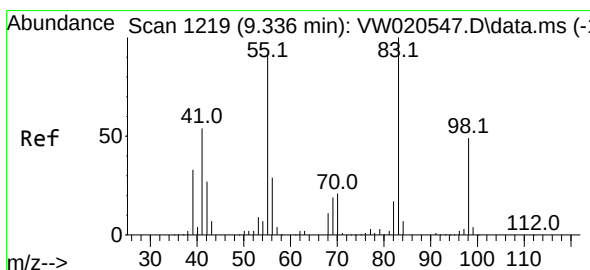
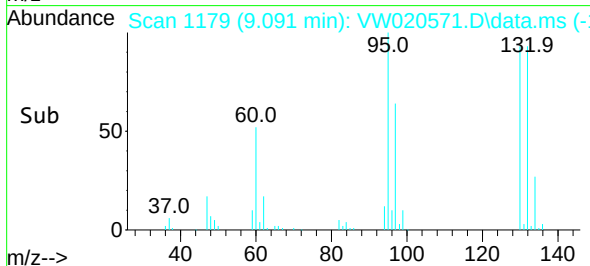
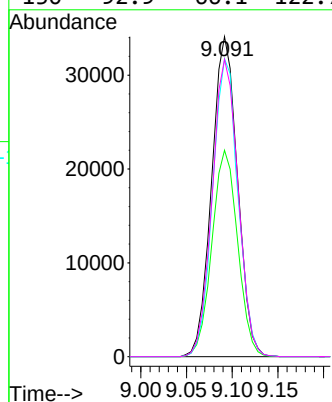
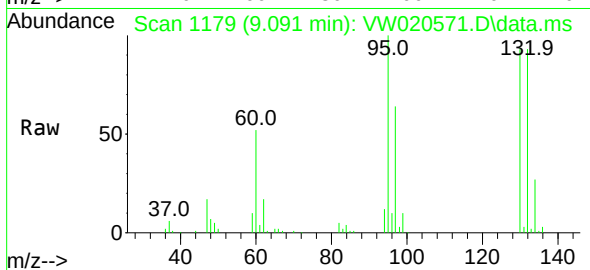
Ion Ratio Lower Upper

95 100

97 64.5 43.2 80.2

132 93.1 62.3 115.7

130 92.9 66.1 122.7



#35

Methylcyclohexane

Concen: 22.803 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

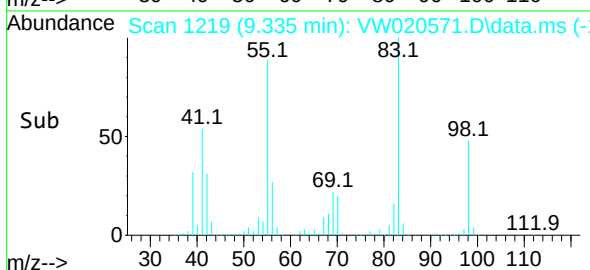
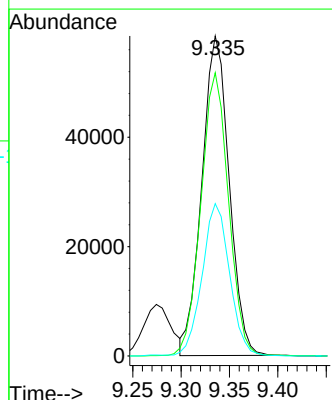
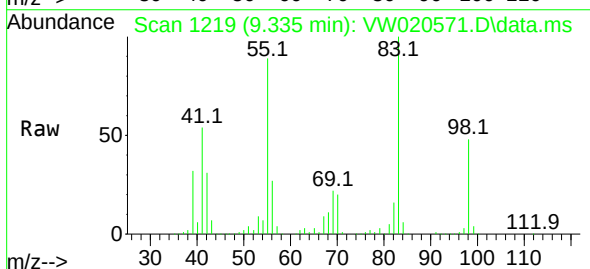
Tgt Ion: 83 Resp: 115003

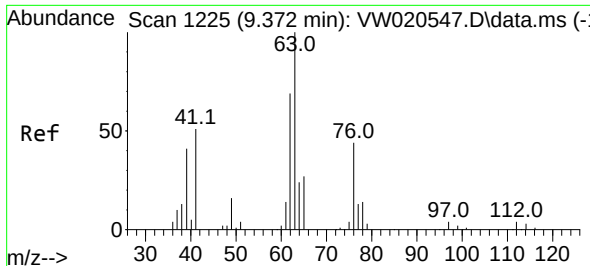
Ion Ratio Lower Upper

83 100

55 89.7 69.7 104.5

98 47.9 38.2 57.2





#37

1,2-Dichloropropane

Concen: 24.023 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

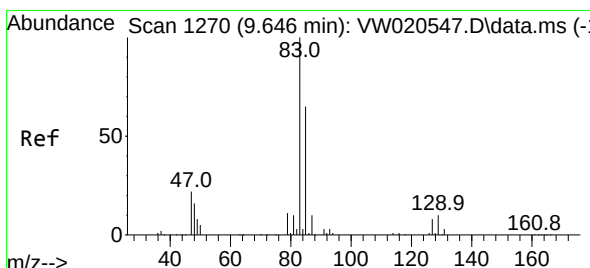
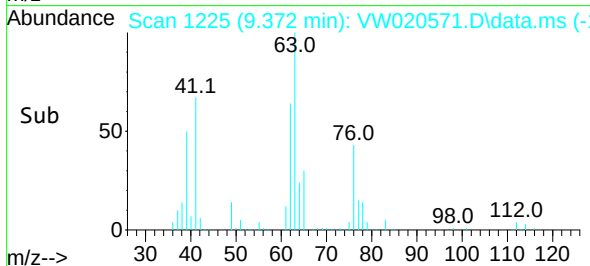
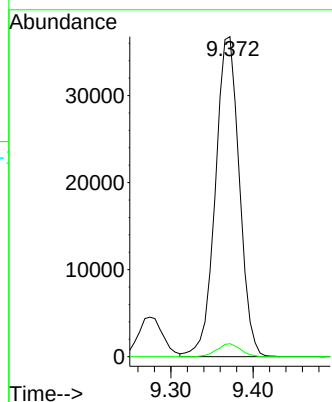
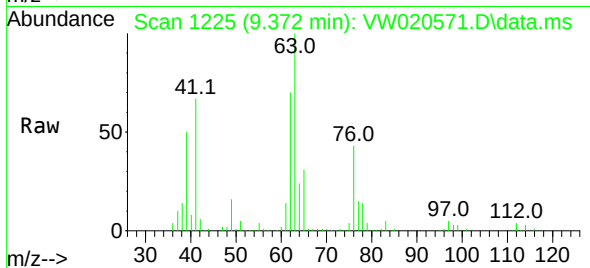
ClientSampleId :

Tgt Ion: 63 Resp: 74419

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 23.927 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

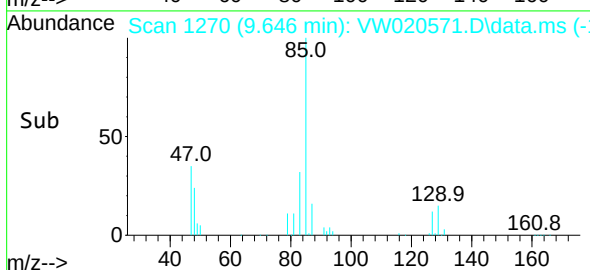
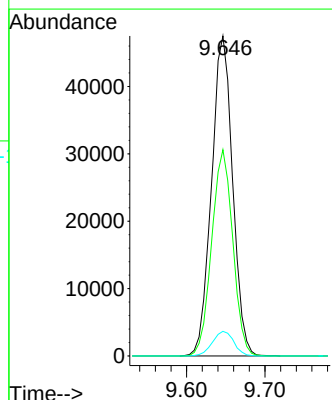
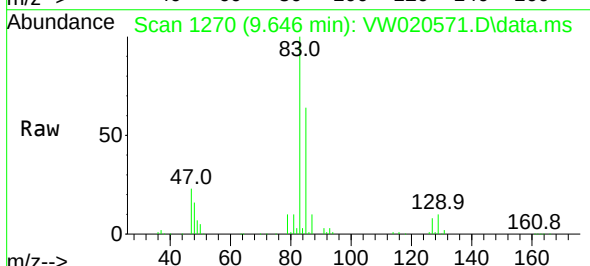
Tgt Ion: 83 Resp: 88868

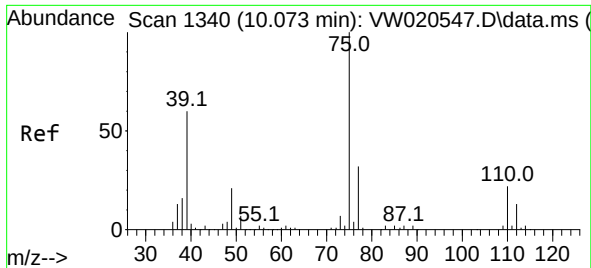
Ion Ratio Lower Upper

83 100

85 64.5 43.4 80.6

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.658 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

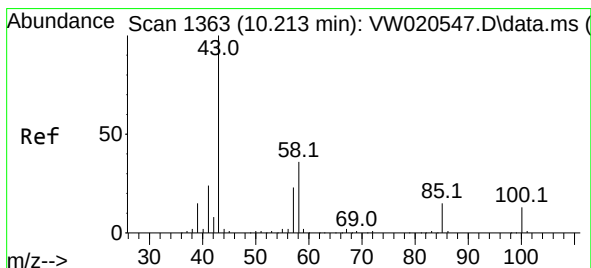
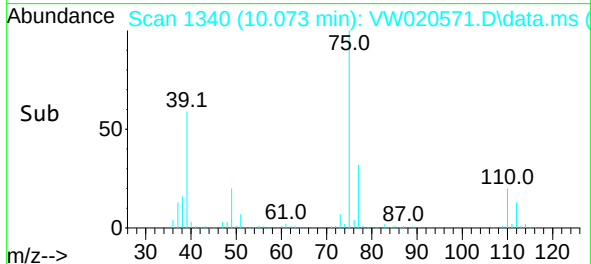
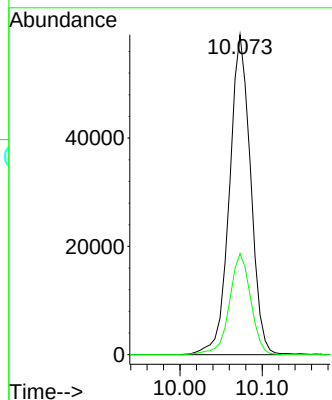
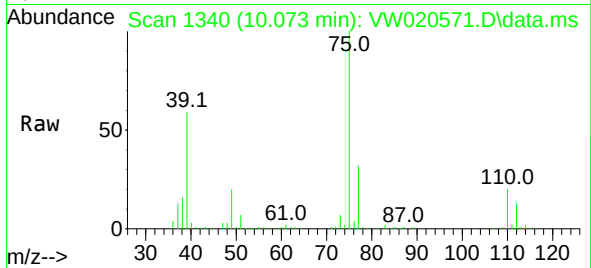
ClientSampleId :

Tgt Ion: 75 Resp: 105390

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.702 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

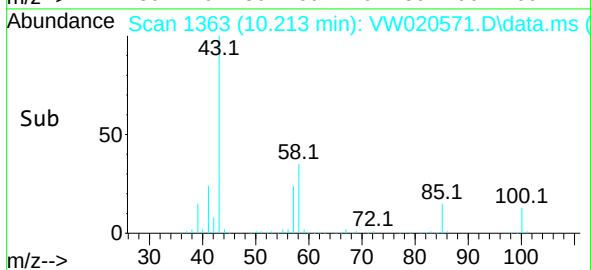
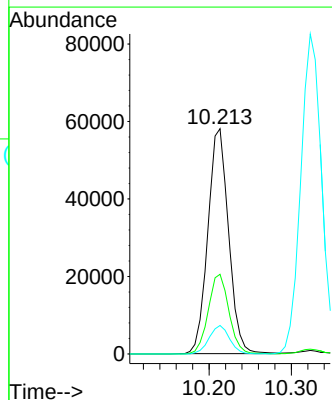
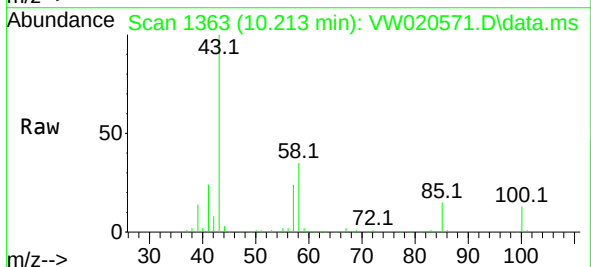
Tgt Ion: 43 Resp: 101710

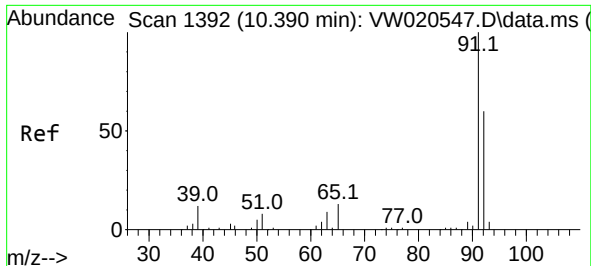
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

100 12.5 10.2 15.4





#42

Toluene

Concen: 24.077 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

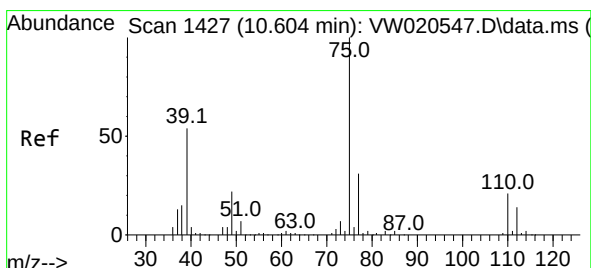
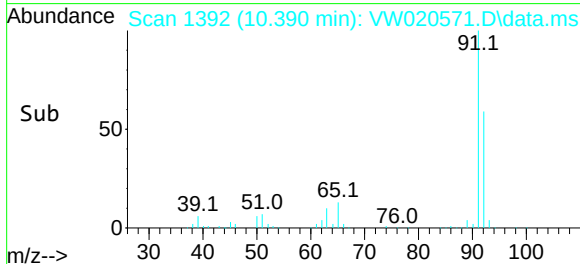
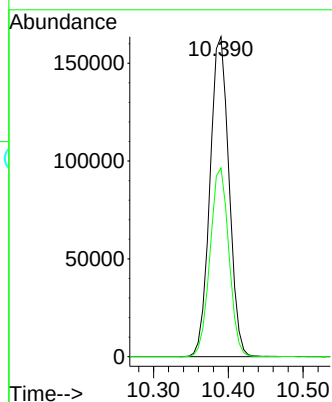
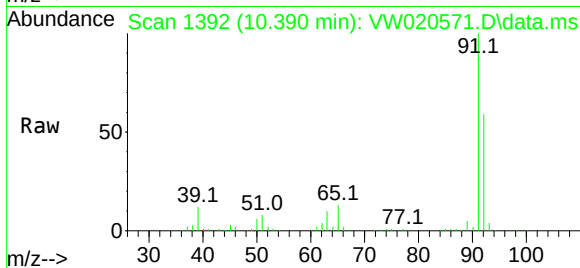
ClientSampleId :

Tgt Ion: 91 Resp: 288892

Ion Ratio Lower Upper

91 100

92 59.0 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 25.207 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW020571.D

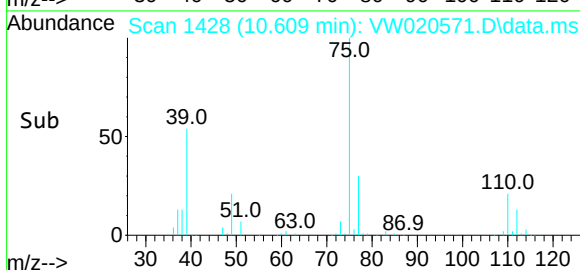
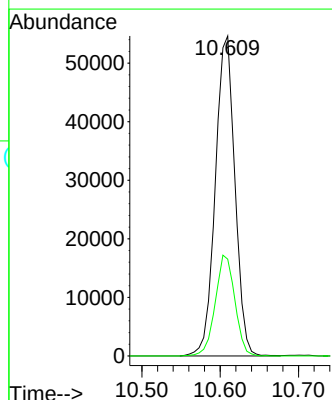
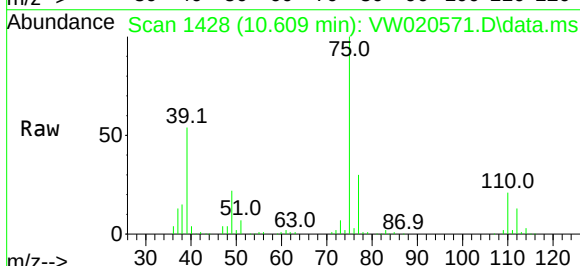
Acq: 18 Oct 2021 18:34

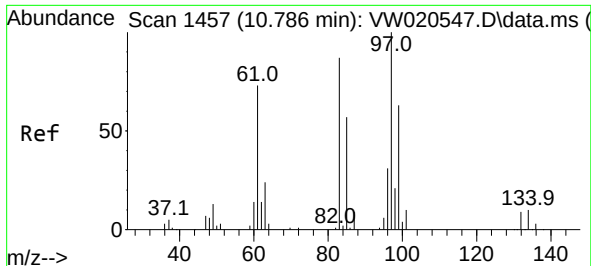
Tgt Ion: 75 Resp: 94978

Ion Ratio Lower Upper

75 100

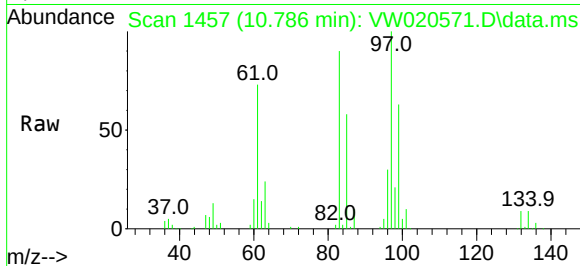
77 30.2 21.8 40.4



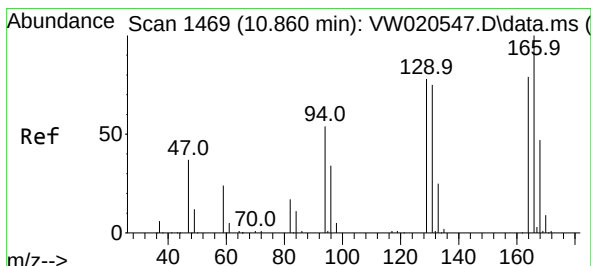
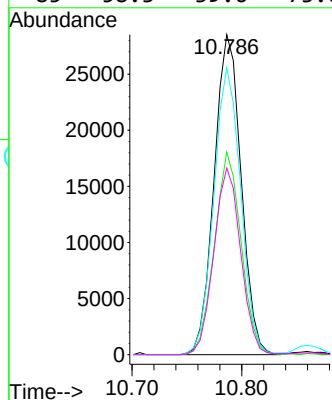
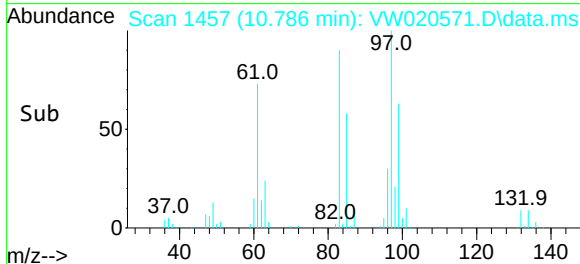


#45
1,1,2-Trichloroethane
Concen: 24.599 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

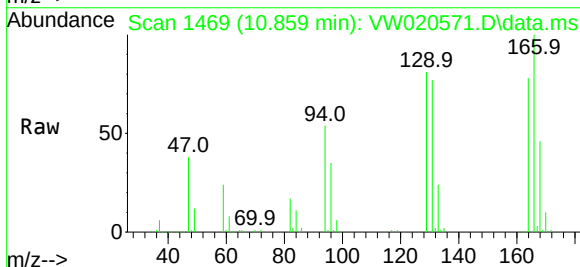
Instrument :
MSVOA_W
ClientSampleId :



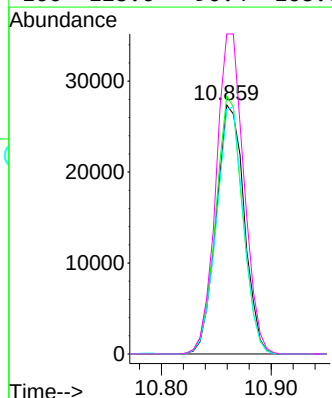
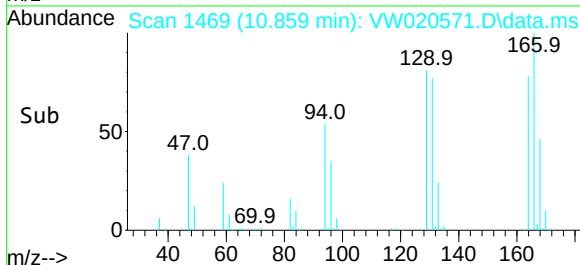
Tgt Ion: 97	Resp: 48928
Ion Ratio	Lower Upper
97 100	
99 63.4	42.8 79.4
83 89.6	60.9 113.1
85 58.3	39.6 73.6

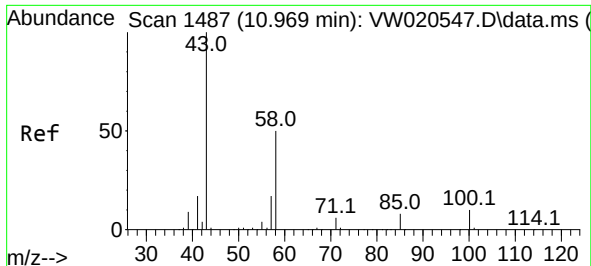


#46
Tetrachloroethene
Concen: 22.898 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34



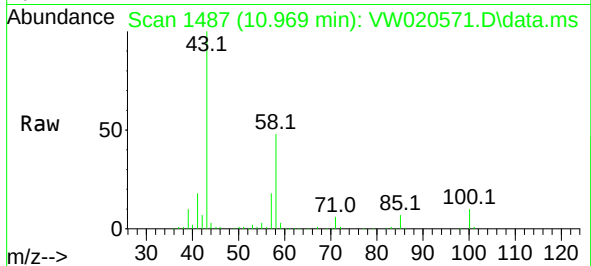
Tgt	Ion:164	Resp:	48470
Ion	Ratio	Lower	Upper
164	100		
129	103.6	69.1	128.3
131	98.4	58.3	108.3
166	128.6	90.4	168.0



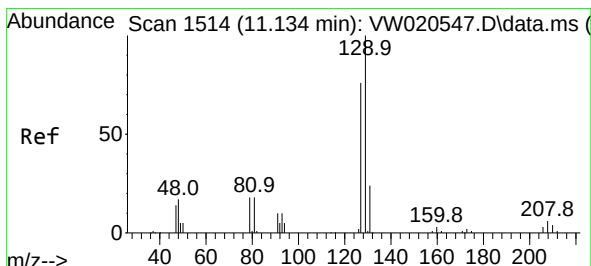
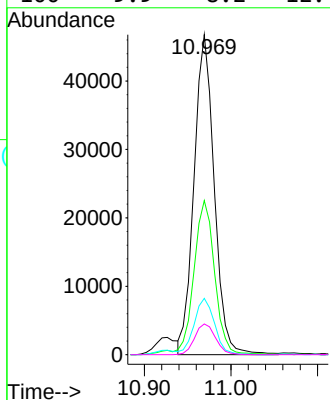
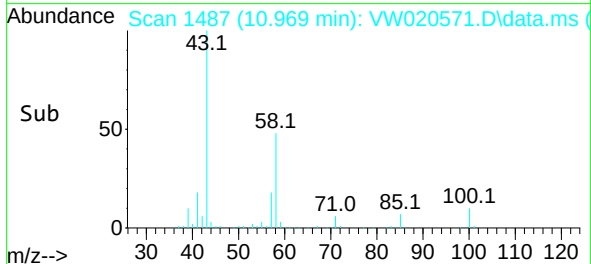


#48
2-Hexanone
Concen: 55.797 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Instrument :
MSVOA_W
ClientSampleId :

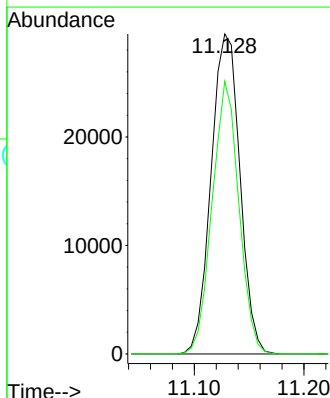
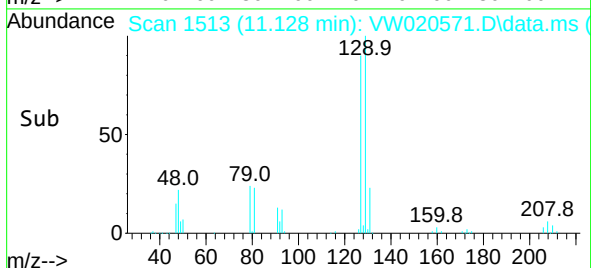
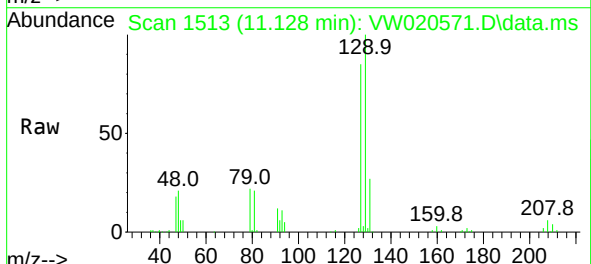


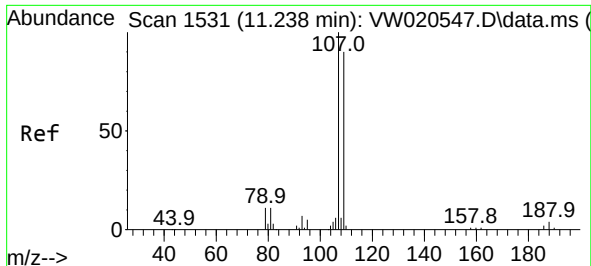
Tgt Ion: 43 Resp: 76117
Ion Ratio Lower Upper
43 100
58 49.0 39.5 59.3
57 17.8 14.2 21.4
100 9.9 8.2 12.4



#49
Dibromochloromethane
Concen: 24.627 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 129 Resp: 53966
Ion Ratio Lower Upper
129 100
127 85.2 55.1 102.3





#50

1,2-Dibromoethane

Concen: 24.591 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020571.D

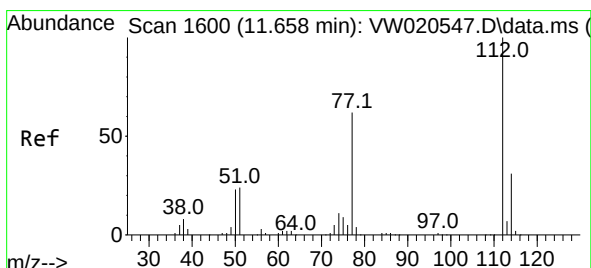
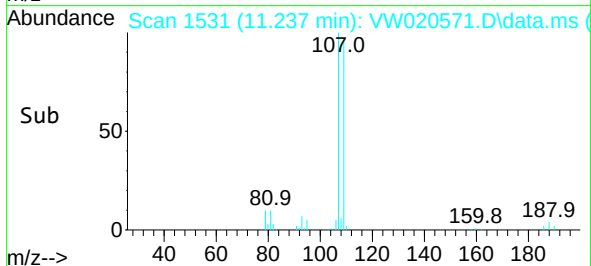
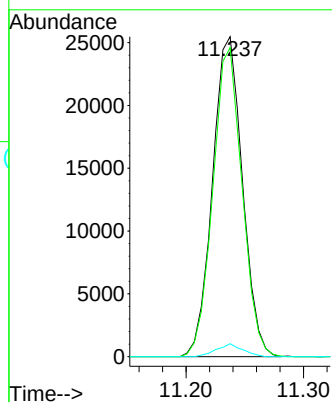
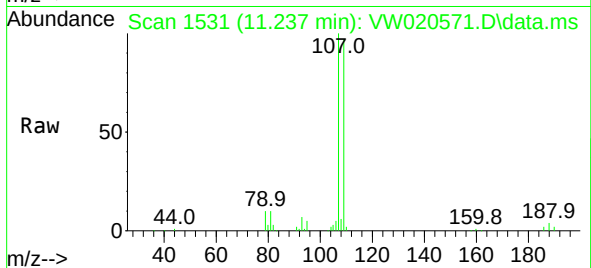
Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	44928
Ion	Ratio	Lower Upper
107	100	
109	96.6	64.5 119.9
188	4.1	3.2 4.8



#51

Chlorobenzene

Concen: 23.258 ug/L

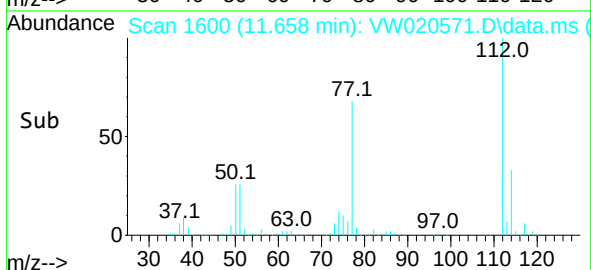
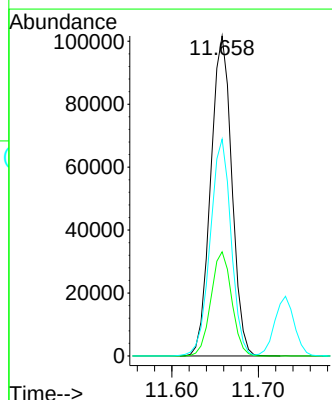
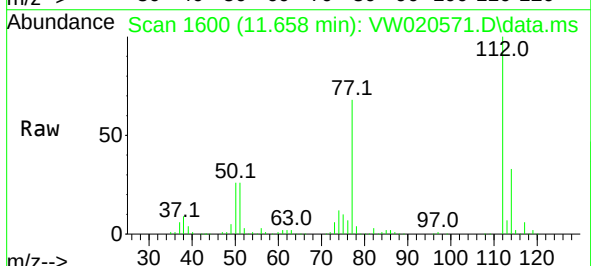
RT: 11.658 min Scan# 1600

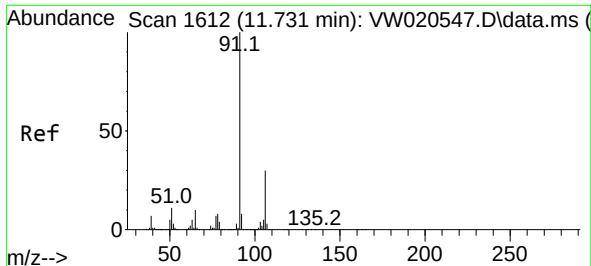
Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Tgt Ion:112	Resp:	172087
Ion	Ratio	Lower Upper
112	100	
114	32.6	22.3 41.5
77	67.7	50.7 76.1

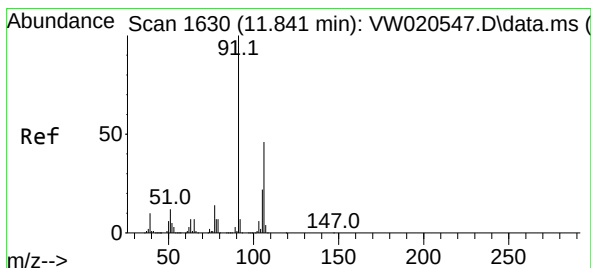
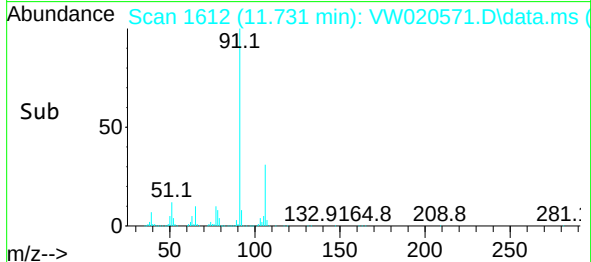
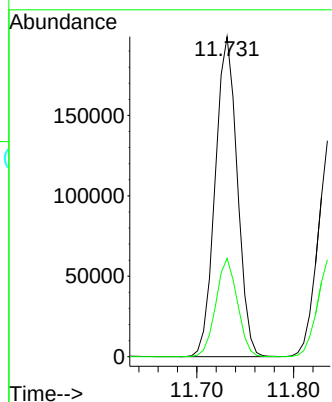
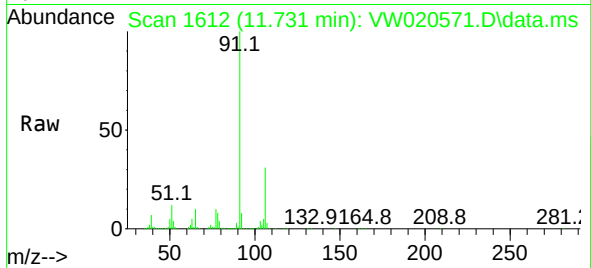




#52
Ethylbenzene
Concen: 24.255 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

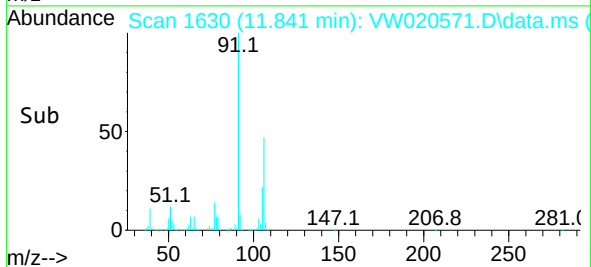
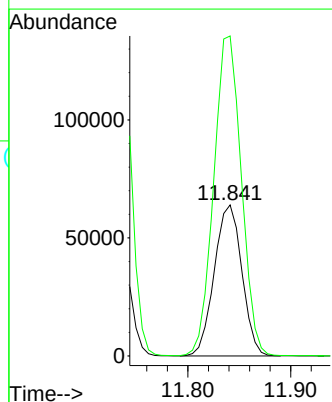
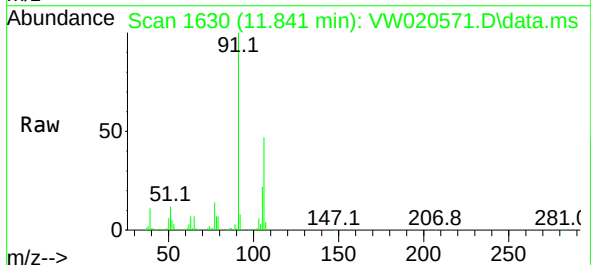
Instrument :
MSVOA_W
ClientSampleId :

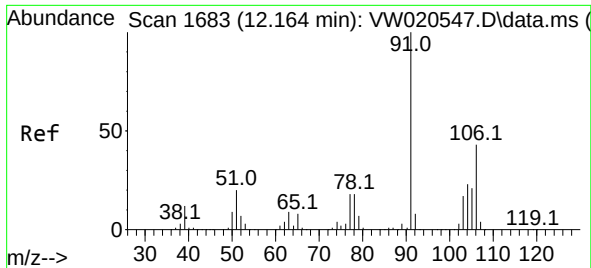
Tgt Ion: 91 Resp: 315598
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-Xylene
Concen: 24.758 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 106 Resp: 119359
Ion Ratio Lower Upper
106 100
91 211.8 148.2 275.2

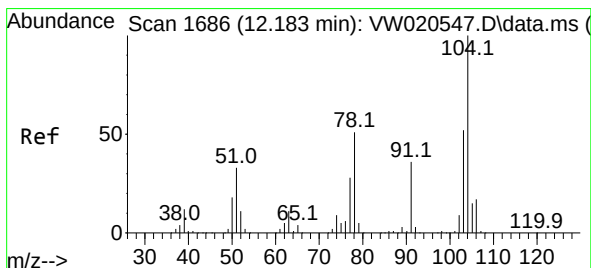
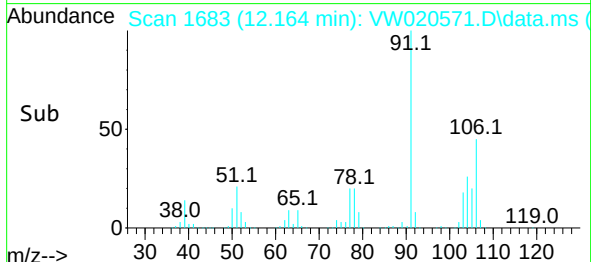
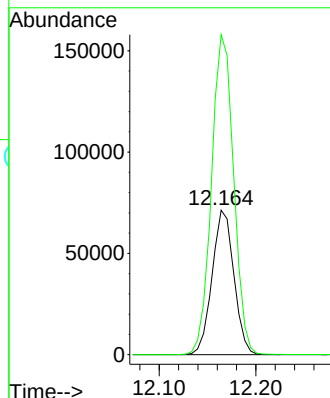
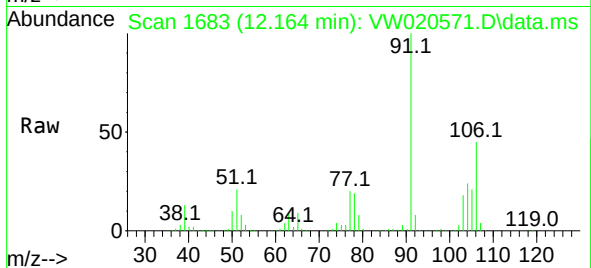




#54
o-Xylene
Concen: 25.098 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

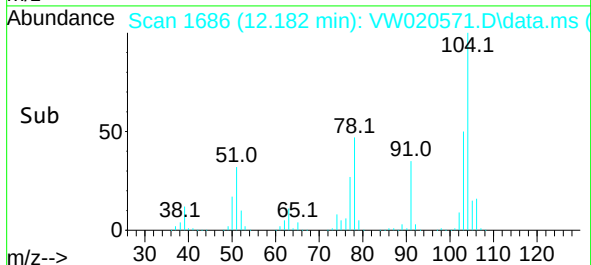
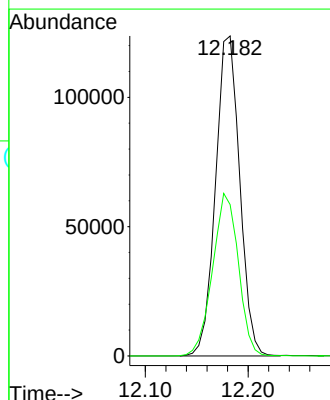
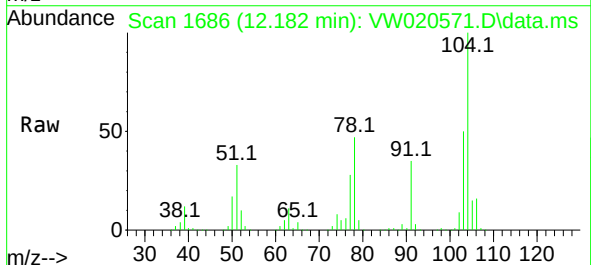
Instrument :
MSVOA_W
ClientSampleId :

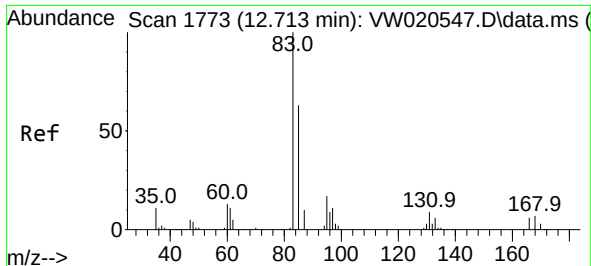
Tgt Ion:106 Resp: 111745
Ion Ratio Lower Upper
106 100
91 221.4 156.1 289.9



#55
Styrene
Concen: 25.924 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion:104 Resp: 201812
Ion Ratio Lower Upper
104 100
78 47.3 33.2 61.7





#57

1,1,2-Tetrachloroethane

Concen: 25.213 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

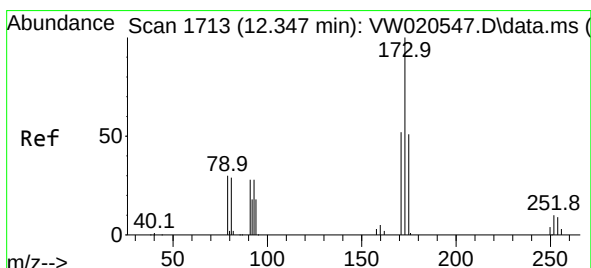
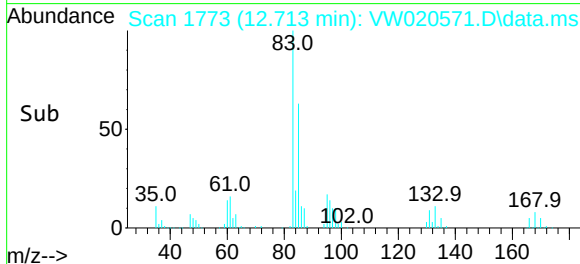
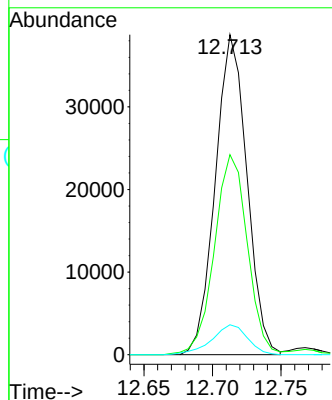
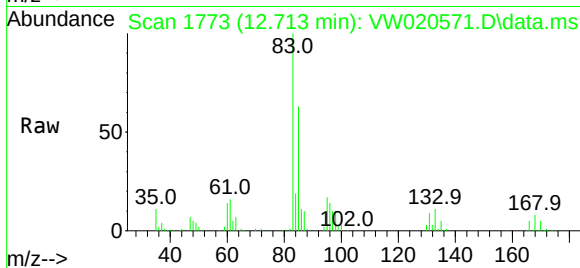
Tgt Ion: 83 Resp: 62169

Ion Ratio Lower Upper

83 100

85 62.5 45.9 85.3

131 9.4 7.4 11.2



#59

Bromoform

Concen: 22.206 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

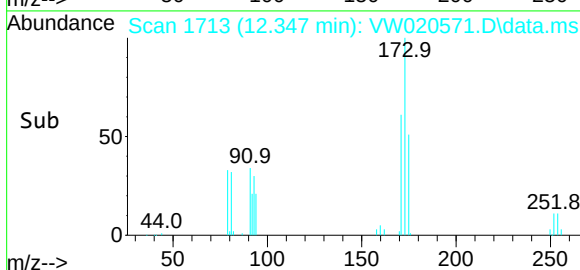
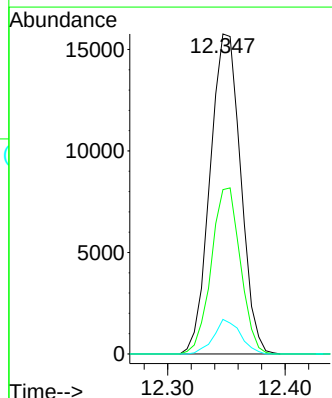
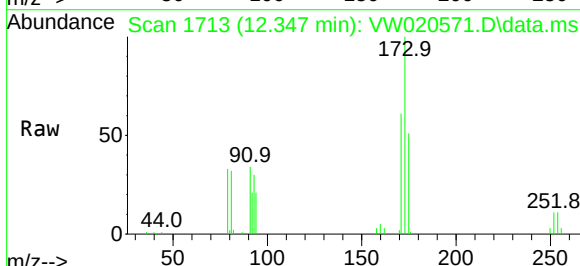
Tgt Ion:173 Resp: 28510

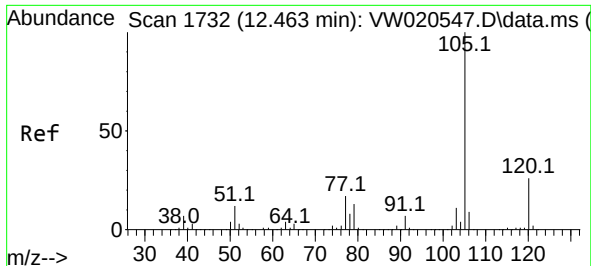
Ion Ratio Lower Upper

173 100

175 49.4 38.6 57.8

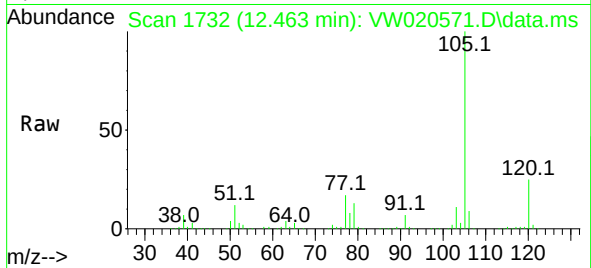
254 9.5 7.3 10.9



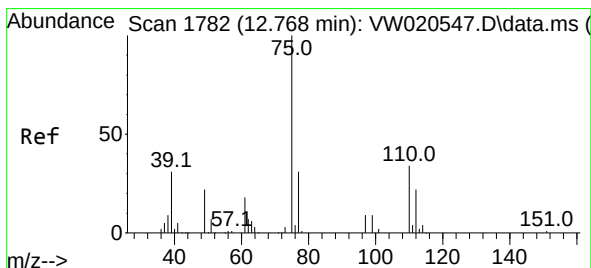
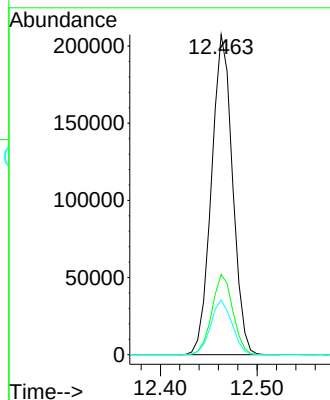
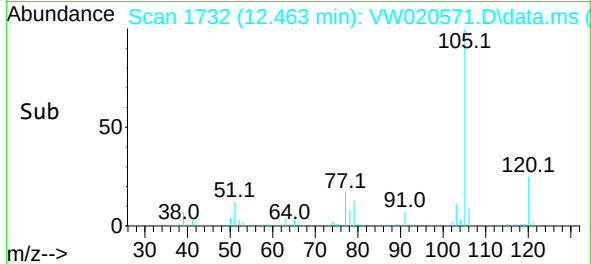


#60
Isopropylbenzene
Concen: 23.290 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

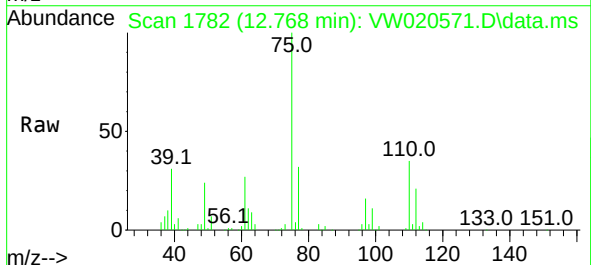
Instrument :
MSVOA_W
ClientSampleId :



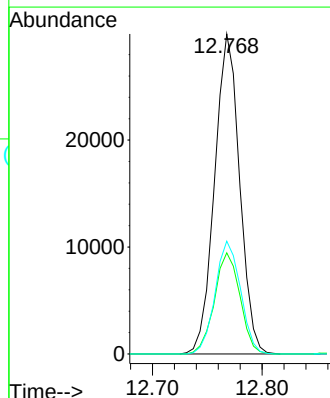
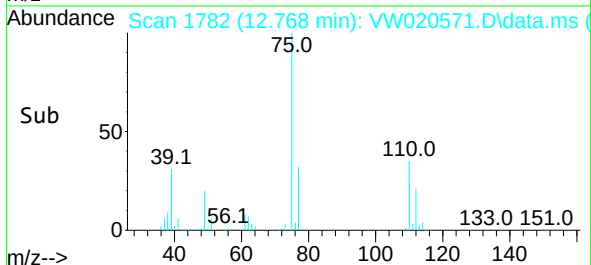
Tgt Ion:105 Resp: 313276
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5
77 17.3 13.8 20.6

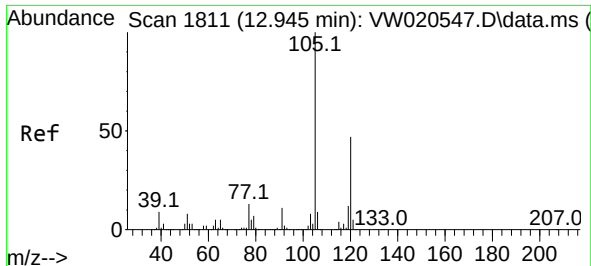


#61
1,2,3-Trichloropropane
Concen: 23.472 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34



Tgt Ion: 75 Resp: 47390
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7
110 35.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 23.777 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

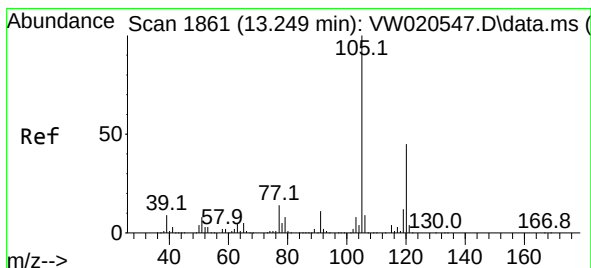
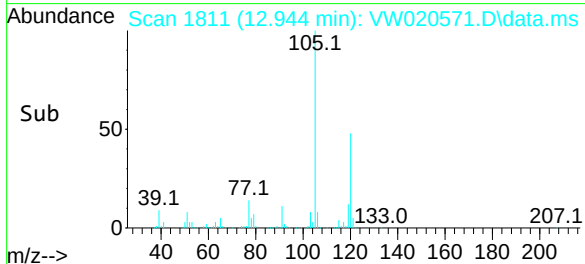
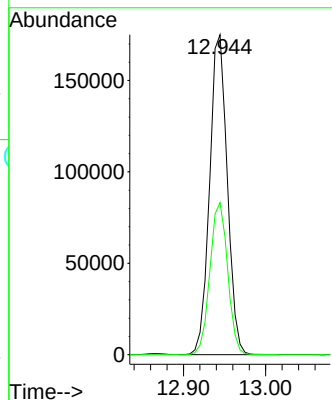
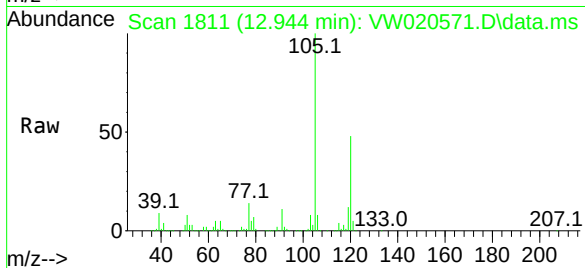
ClientSampleId :

Tgt Ion:105 Resp: 261125

Ion Ratio Lower Upper

105 100

120 47.7 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 24.012 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020571.D

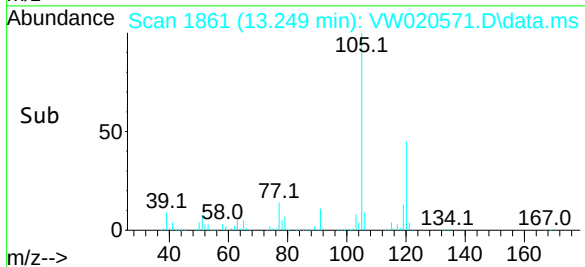
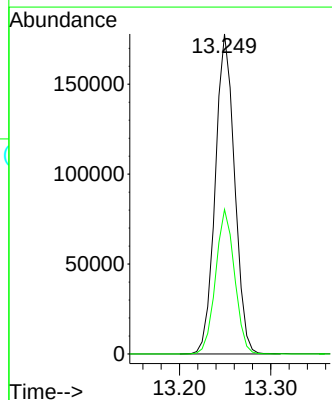
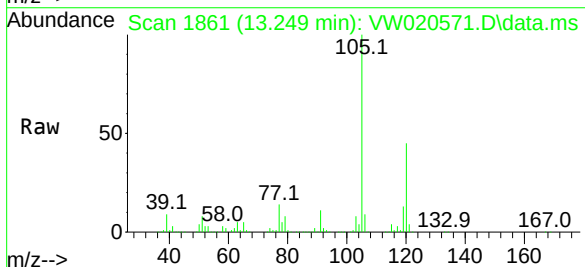
Acq: 18 Oct 2021 18:34

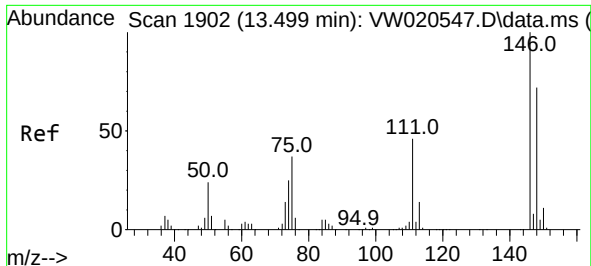
Tgt Ion:105 Resp: 261219

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.2

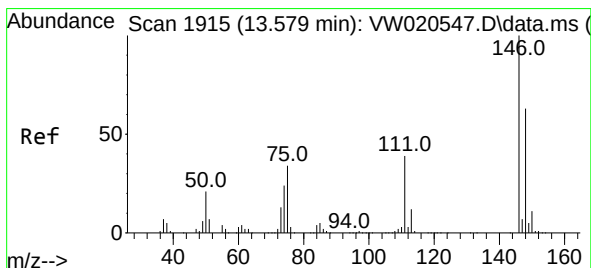
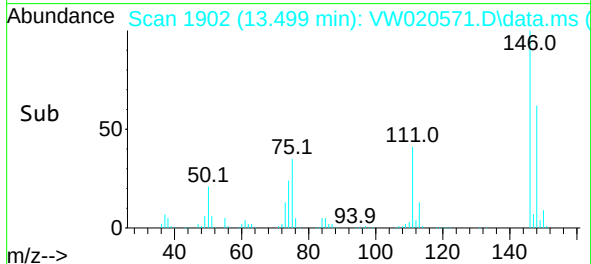
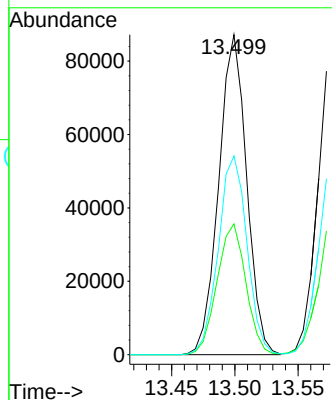
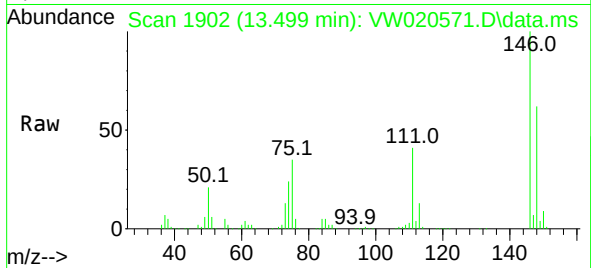




#64
1,3-Dichlorobenzene
Concen: 23.002 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

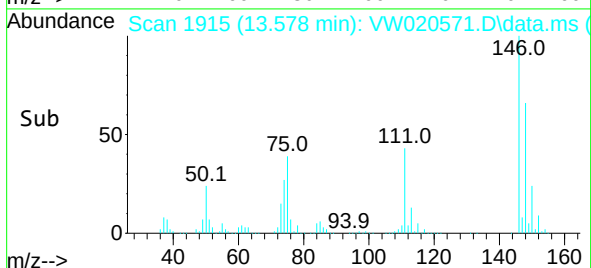
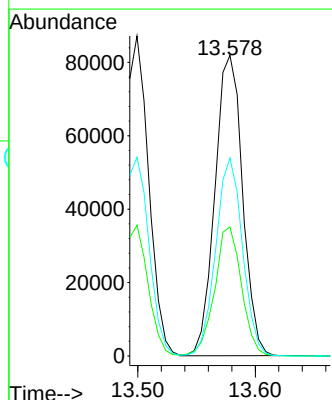
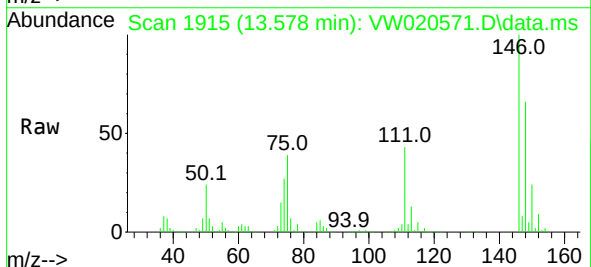
Instrument :
MSVOA_W
ClientSampleId :

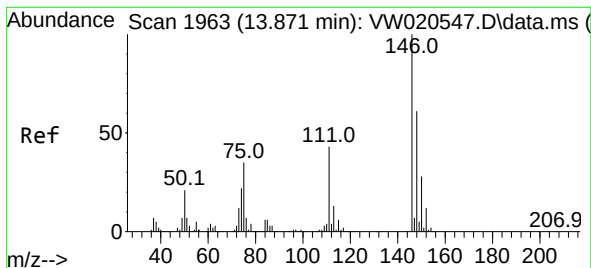
Tgt Ion:146 Resp: 133873
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.8
148 62.1 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 22.225 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion:146 Resp: 133796
Ion Ratio Lower Upper
146 100
111 43.0 30.9 57.5
148 65.8 46.1 85.7

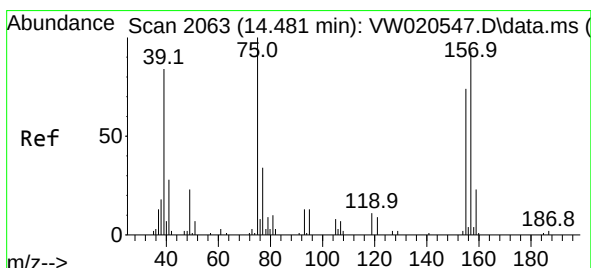
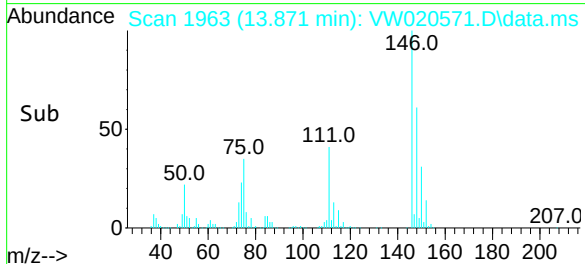
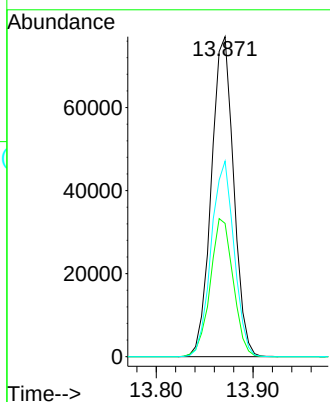
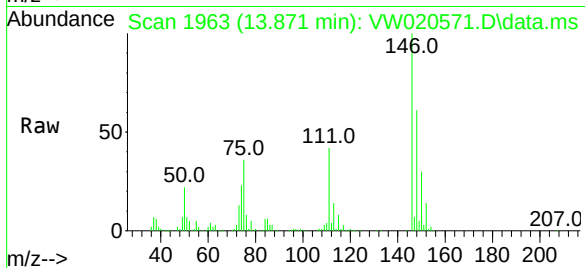




#67
1,2-Dichlorobenzene
Concen: 23.178 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

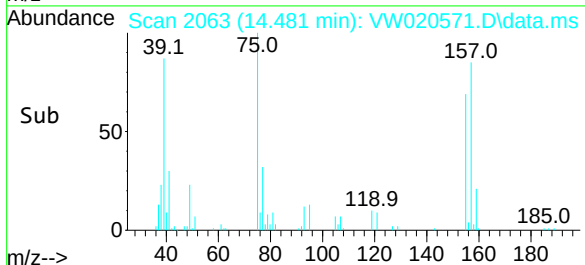
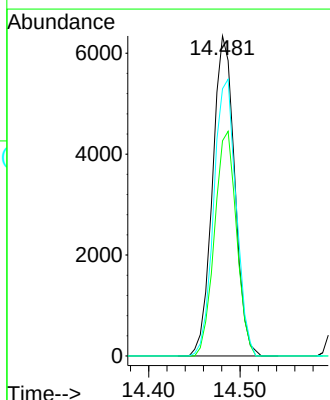
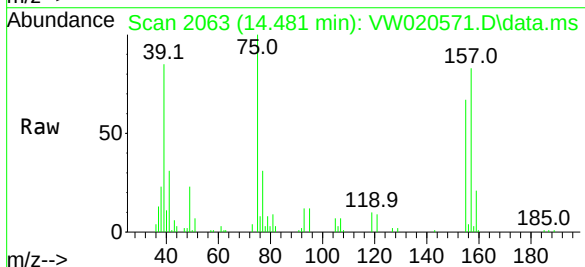
Instrument :
MSVOA_W
ClientSampleId :

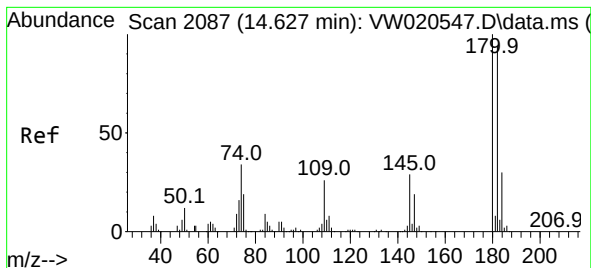
Tgt Ion:146 Resp: 123587
Ion Ratio Lower Upper
146 100
111 41.6 33.9 50.9
148 61.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.866 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020571.D
Acq: 18 Oct 2021 18:34

Tgt Ion: 75 Resp: 10664
Ion Ratio Lower Upper
75 100
155 67.3 51.4 77.0
157 83.5 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 23.114 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

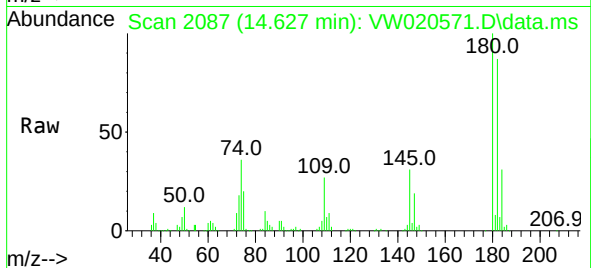
Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 95928

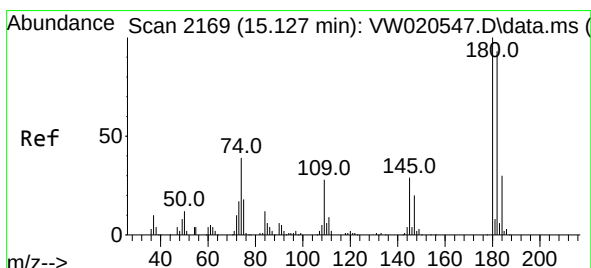
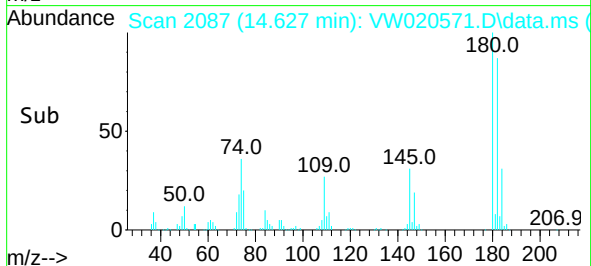
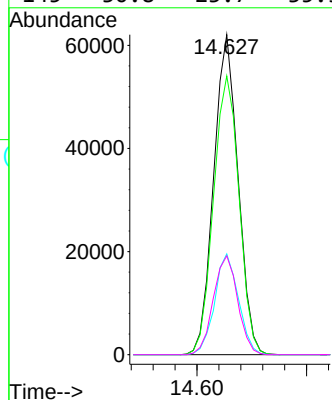
Ion Ratio Lower Upper

180 100

182 91.1 73.4 110.0

184 30.8 24.2 36.4

145 30.8 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 23.969 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

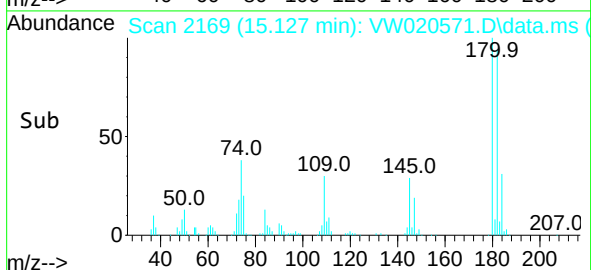
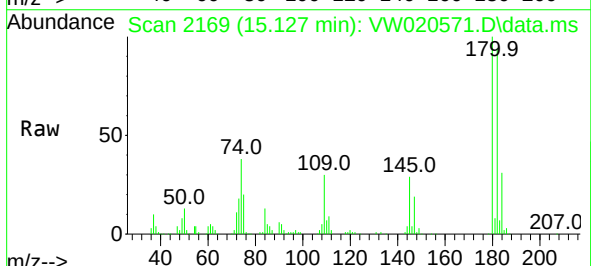
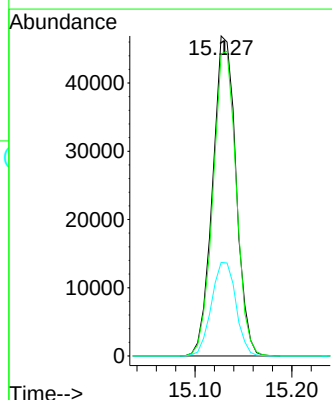
Tgt Ion:180 Resp: 78765

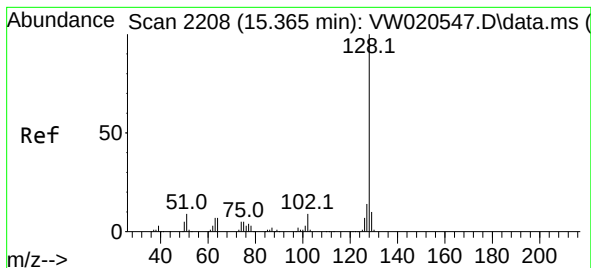
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 30.6 24.8 37.2





#71

Naphthalene

Concen: 26.136 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Instrument :

MSVOA_W

ClientSampleId :

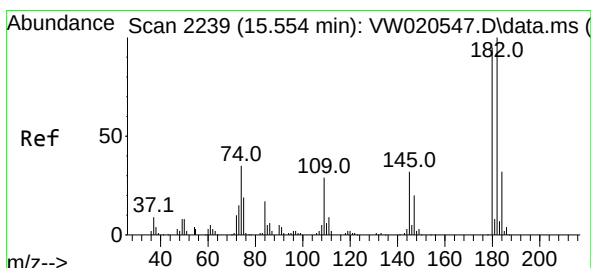
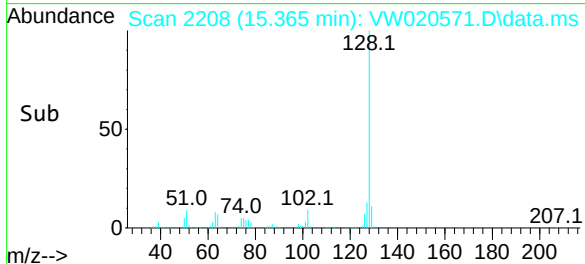
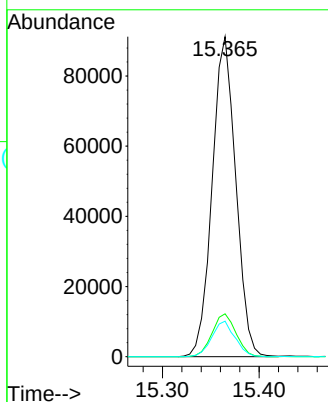
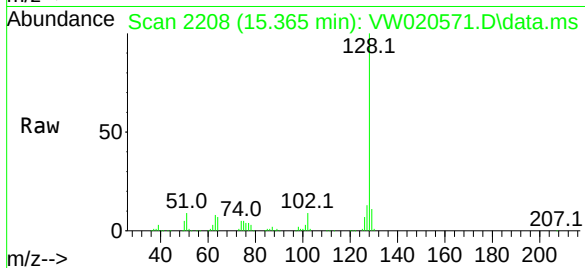
Tgt Ion:128 Resp: 154421

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.226 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW020571.D

Acq: 18 Oct 2021 18:34

Tgt Ion:180 Resp: 72808

Ion Ratio Lower Upper

180 100

182 93.6 74.8 112.2

145 33.4 26.2 39.4

