

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022494.D
 Acq On : 11 Apr 2022 19:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 00:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	373977	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	139052	16.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.520%
7) Chloroethane-d5	2.885	69	97617	18.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	4.026	63	217259	19.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.960%
21) 2-Butanone-d5	7.080	46	80059	54.031	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.060%
24) Chloroform-d	7.647	84	290193	24.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	158139	23.065	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.275	84	502080	21.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	9.275	67	154457	23.360	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.323	98	484359	21.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	10.579	79	70489	22.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.921	63	69970	56.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	151790	26.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	195619	26.341	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	37094	19.711	ug/L	95
3) Chloromethane	2.221	50	92959	19.812	ug/L	100
5) Vinyl chloride	2.361	62	198601	20.285	ug/L	95
6) Bromomethane	2.782	94	115001	19.322	ug/L	96
8) Chloroethane	2.922	64	91800	21.417	ug/L	96
9) Trichlorofluoromethane	3.257	101	90235	24.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	141535	24.590	ug/L	95
12) 1,1-Dichloroethene	4.038	96	130496	25.245	ug/L	96
13) Acetone	4.129	43	44954	44.559	ug/L	92
14) Carbon disulfide	4.385	76	364371	21.427	ug/L	99
15) Methyl Acetate	4.672	43	57910	22.874	ug/L	93
16) Methylene chloride	4.910	84	66413	11.496	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	146751	24.235	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	250311	25.311	ug/L	96
19) 1,1-Dichloroethane	6.220	63	261260	23.646	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	162620	25.428	ug/L #	88
22) 2-Butanone	7.171	43	72669	47.692	ug/L	94
23) Bromochloromethane	7.519	128	74469	27.056	ug/L	88
25) Chloroform	7.671	83	288732	24.811	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022494.D
 Acq On : 11 Apr 2022 19:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

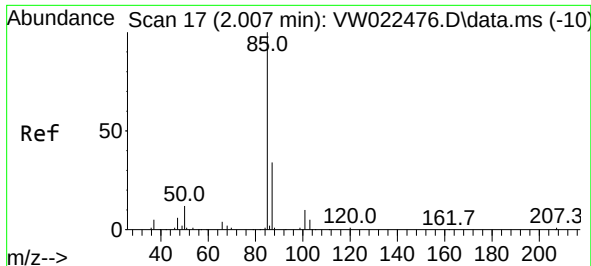
Quant Time: Apr 12 00:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	193154	23.615	ug/L	96
29) Cyclohexane	7.958	56	226216	21.135	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	244438	23.563	ug/L	97
31) Carbon tetrachloride	8.067	117	226180	24.292	ug/L	100
33) Benzene	8.324	78	587518	23.139	ug/L	100
34) Trichloroethene	9.086	95	163611	24.066	ug/L	92
35) Methylcyclohexane	9.336	83	260912	21.391	ug/L	96
37) 1,2-Dichloropropane	9.366	63	144764	23.799	ug/L	99
38) Bromodichloromethane	9.646	83	214489	24.521	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	237077	24.562	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	183973	49.560	ug/L	96
42) Toluene	10.384	91	693953	23.851	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	210021	24.301	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	119706	25.786	ug/L	96
46) Tetrachloroethene	10.860	164	125236	25.061	ug/L	93
48) 2-Hexanone	10.969	43	128566	49.092	ug/L	98
49) Dibromochloromethane	11.128	129	150764	27.231	ug/L	99
50) 1,2-Dibromoethane	11.232	107	122339	26.688	ug/L #	96
51) Chlorobenzene	11.658	112	443161	24.925	ug/L	97
52) Ethylbenzene	11.731	91	778042	23.858	ug/L	96
53) m,p-Xylene	11.835	106	308134	24.850	ug/L	91
54) o-Xylene	12.164	106	294147	24.824	ug/L	100
55) Styrene	12.176	104	511012	25.241	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	144812	25.415	ug/L	99
59) Bromoform	12.347	173	78898	25.324	ug/L	99
60) Isopropylbenzene	12.463	105	813598	23.360	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	106521	23.884	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	466175	24.338	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	695389	23.874	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	353432	25.004	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	352578	25.011	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	320527	25.356	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	24064	23.264	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	237946	25.801	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	197679	25.522	ug/L	97
71) Naphthalene	15.359	128	430381	26.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	172097	25.994	ug/L	99

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

Quant Time: Apr 12 00:01:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

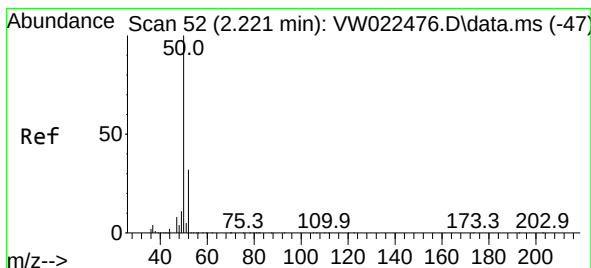
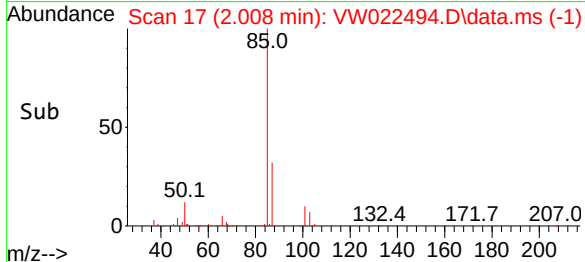
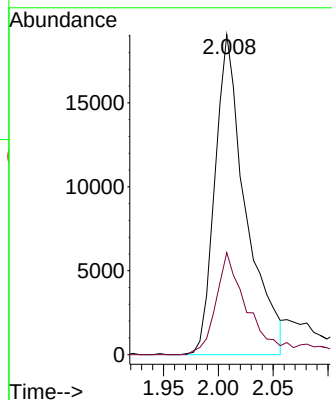
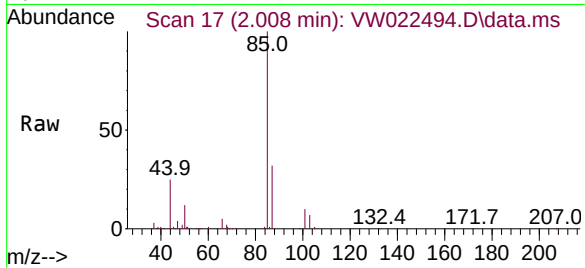




#2
 Dichlorodifluoromethane
 Concen: 19.711 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

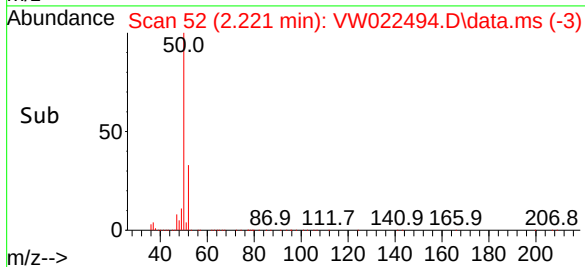
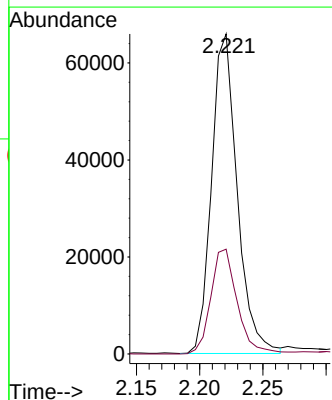
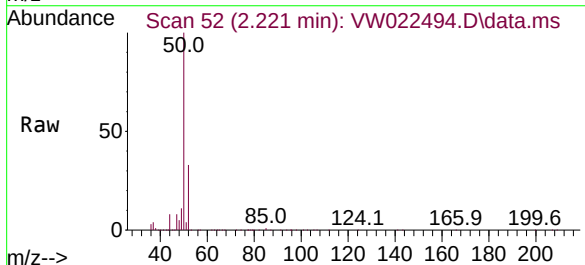
Instrument :
 MSVOA_W
 ClientSampleId :

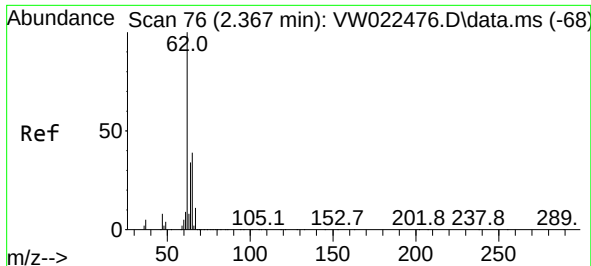
Tgt Ion: 85 Resp: 37094
 Ion Ratio Lower Upper
 85 100
 87 32.6 23.7 35.5



#3
 Chloromethane
 Concen: 19.812 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

Tgt Ion: 50 Resp: 92959
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

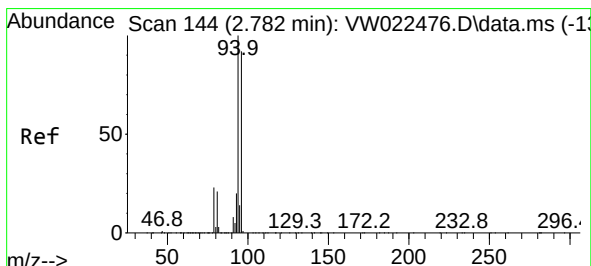
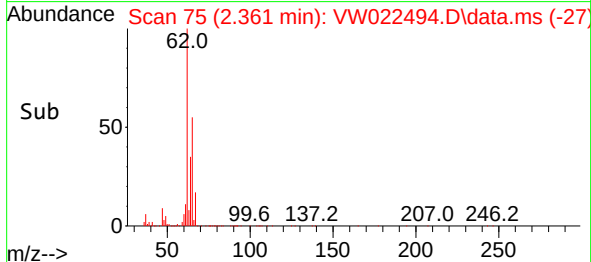
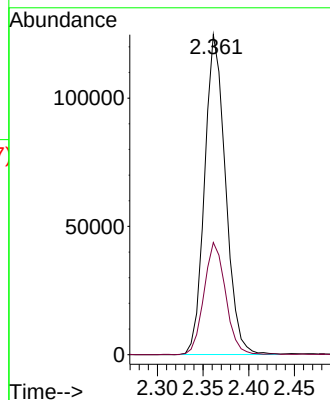
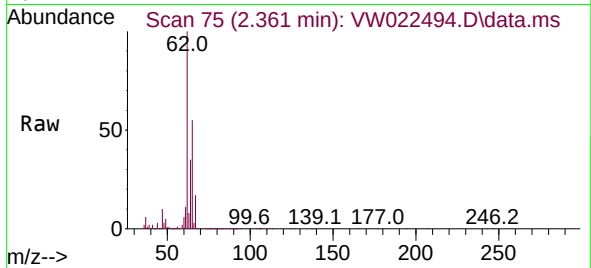




#5
 Vinyl chloride
 Concen: 20.285 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

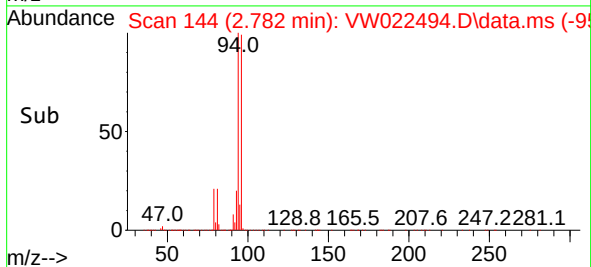
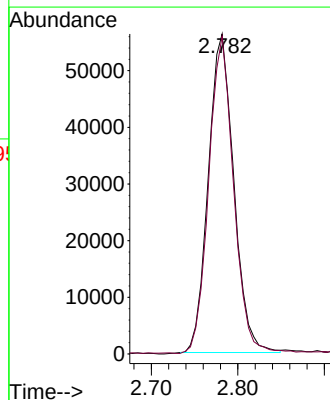
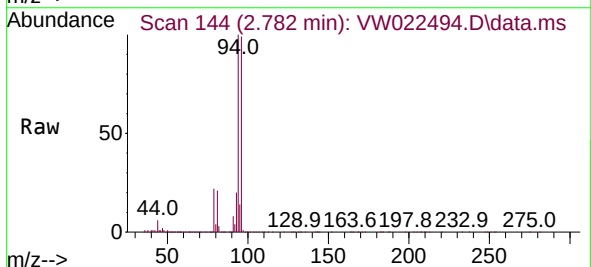
Instrument :
 MSVOA_W
 ClientSampleId :

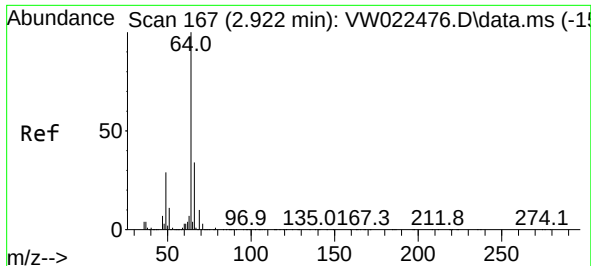
Tgt Ion: 62 Resp: 198601
 Ion Ratio Lower Upper
 62 100
 64 35.1 26.5 49.3



#6
 Bromomethane
 Concen: 19.322 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

Tgt Ion: 94 Resp: 115001
 Ion Ratio Lower Upper
 94 100
 96 99.2 66.6 123.6

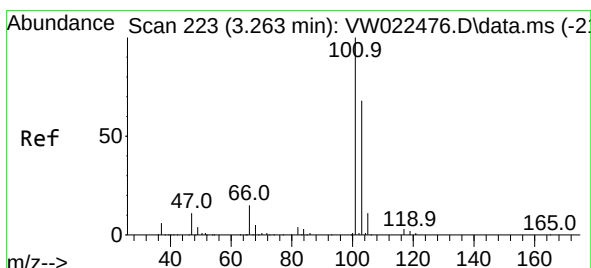
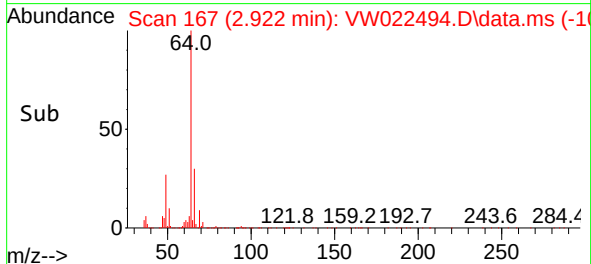
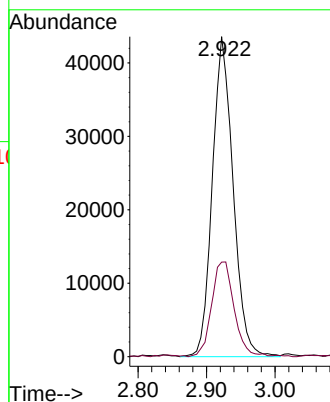
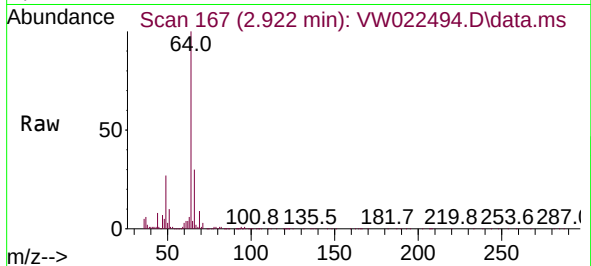




#8
Chloroethane
Concen: 21.417 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

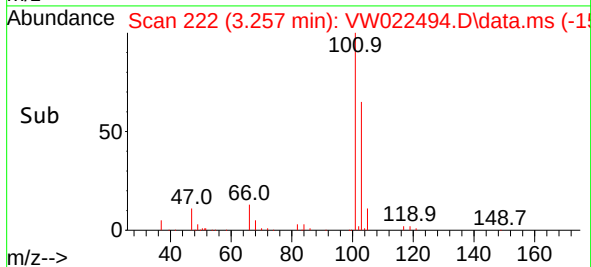
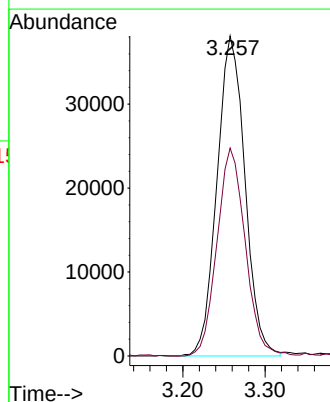
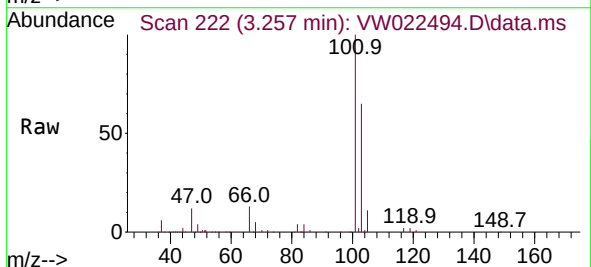
Instrument :
MSVOA_W
ClientSampleId :

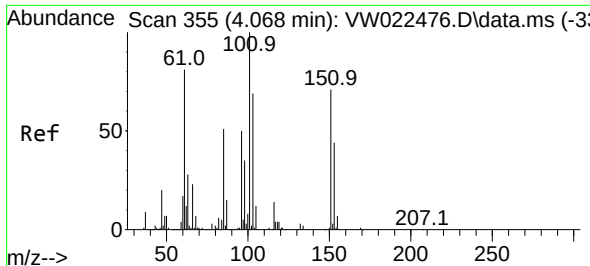
Tgt Ion: 64 Resp: 91800
Ion Ratio Lower Upper
64 100
66 29.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.964 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 101 Resp: 90235
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

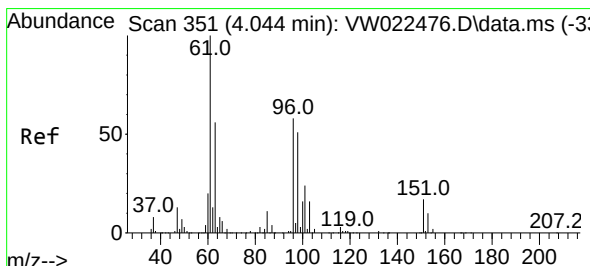
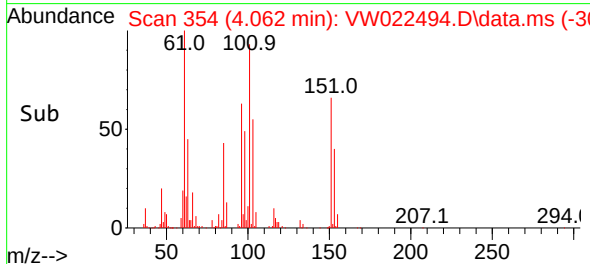
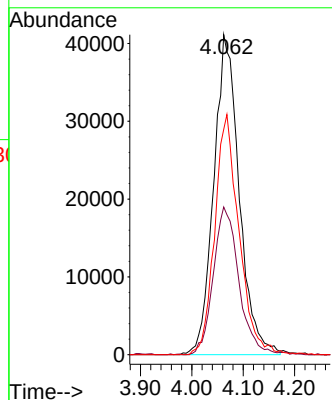
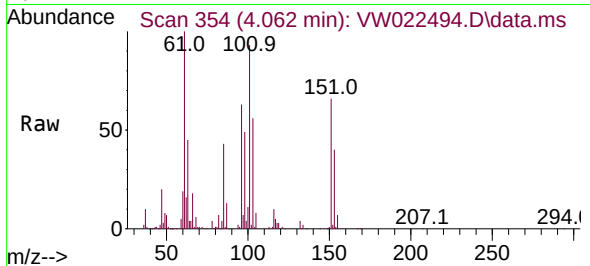




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.590 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

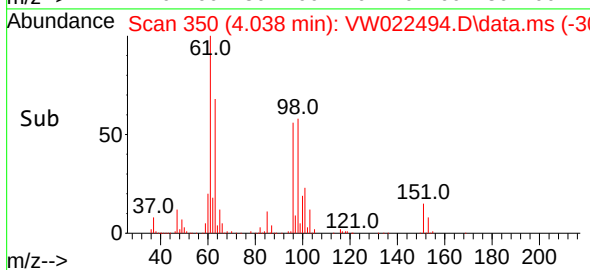
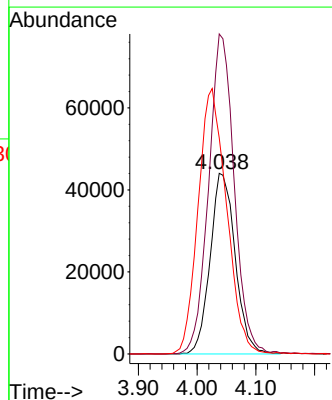
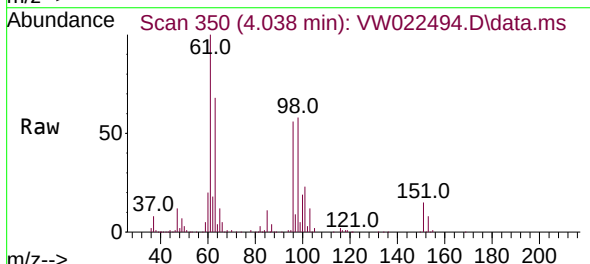
Instrument :
 MSVOA_W
 ClientSampleId :

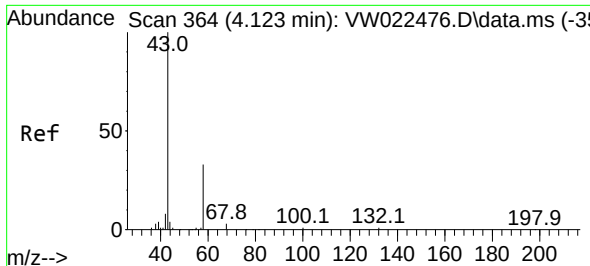
Tgt Ion:101 Resp: 141535
 Ion Ratio Lower Upper
 101 100
 85 46.0 39.2 58.8
 151 70.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 25.245 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022494.D
 Acq: 11 Apr 2022 19:46

Tgt Ion: 96 Resp: 130496
 Ion Ratio Lower Upper
 96 100
 61 177.2 128.0 237.6
 63 119.6 86.6 160.8

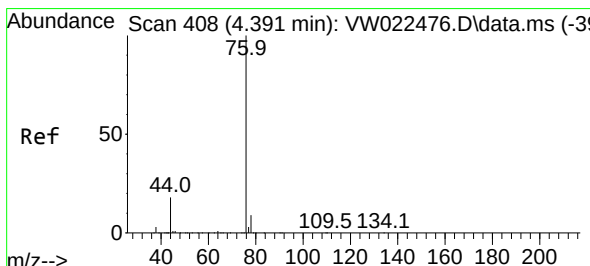
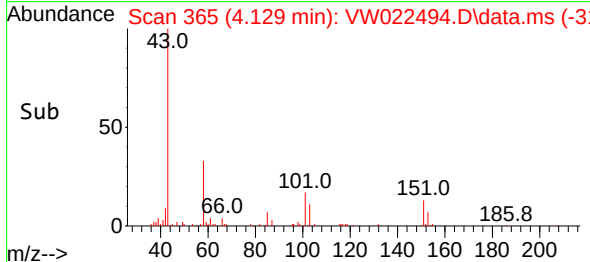
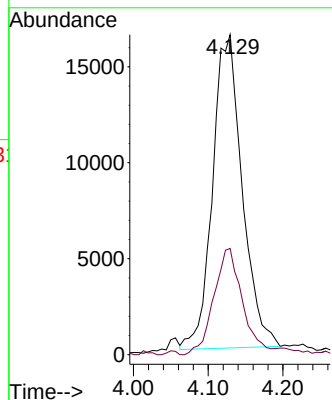
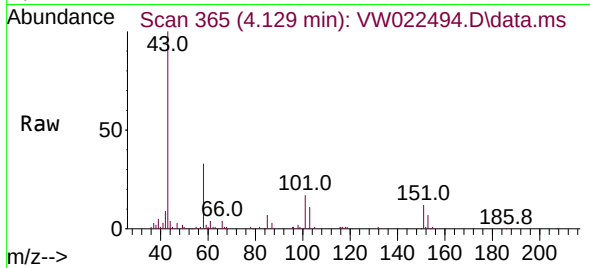




#13
Acetone
Concen: 44.559 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

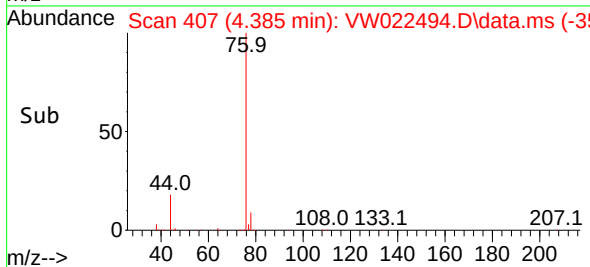
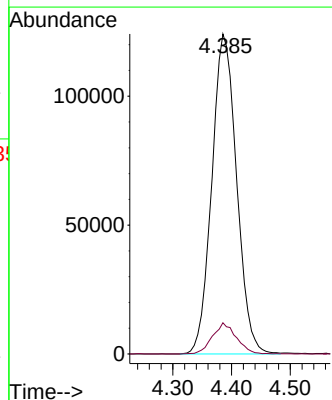
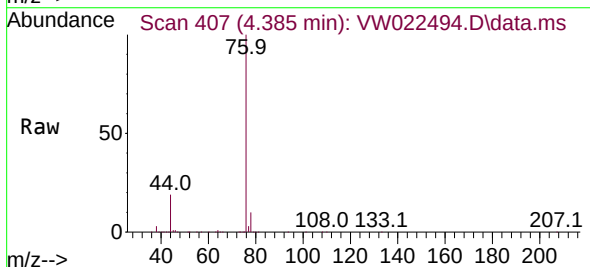
Instrument :
MSVOA_W
ClientSampleId :

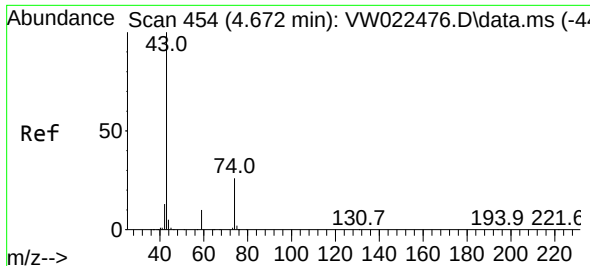
Tgt Ion: 43 Resp: 44954
Ion Ratio Lower Upper
43 100
58 32.6 0.0 57.0



#14
Carbon disulfide
Concen: 21.427 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 76 Resp: 364371
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

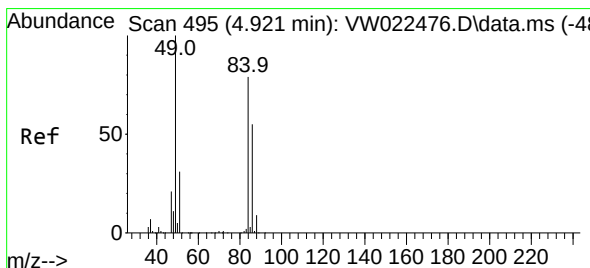
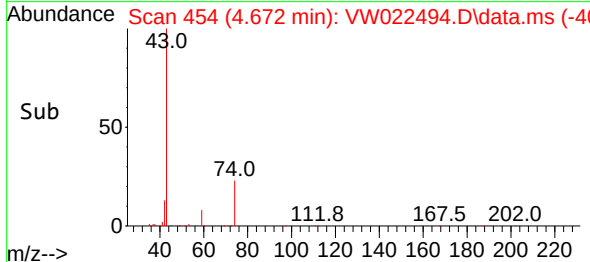
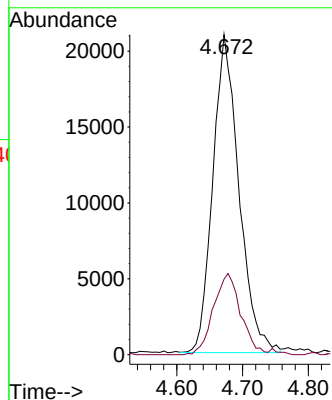
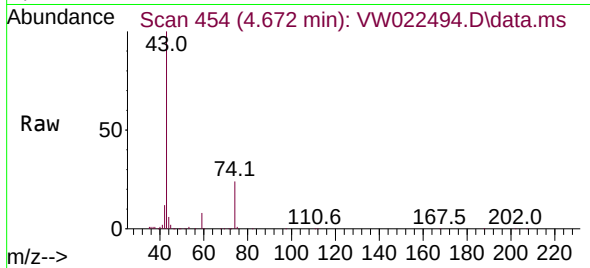




#15
Methyl Acetate
Concen: 22.874 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

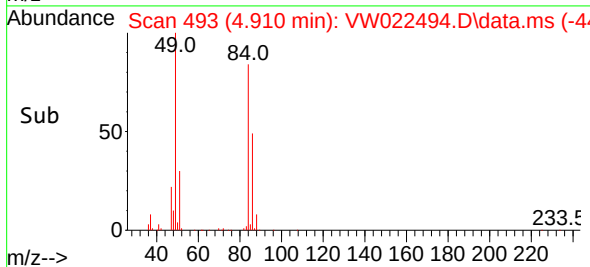
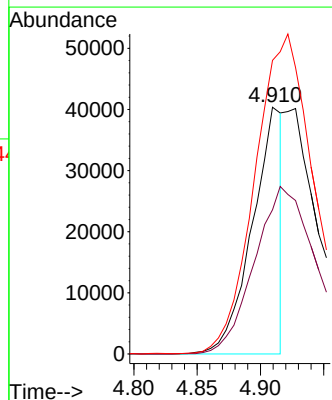
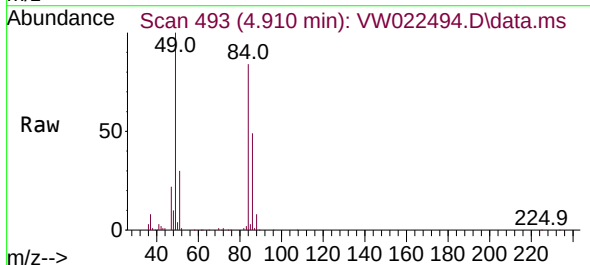
Instrument :
MSVOA_W
ClientSampleId :

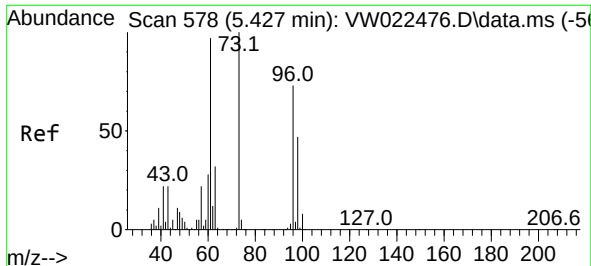
Tgt Ion: 43 Resp: 57910
Ion Ratio Lower Upper
43 100
74 26.7 18.5 27.7



#16
Methylene chloride
Concen: 11.496 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 84 Resp: 66413
Ion Ratio Lower Upper
84 100
86 58.4 42.8 79.4
49 119.0 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 24.235 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

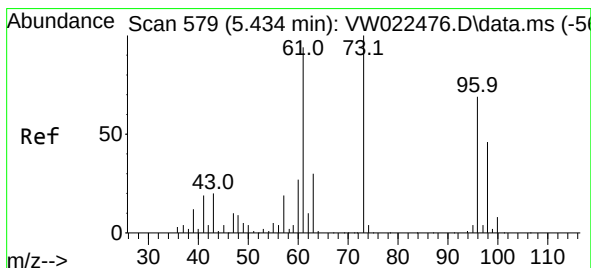
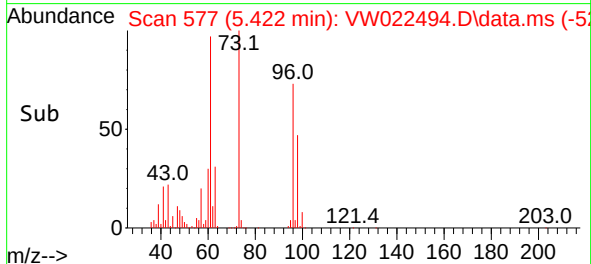
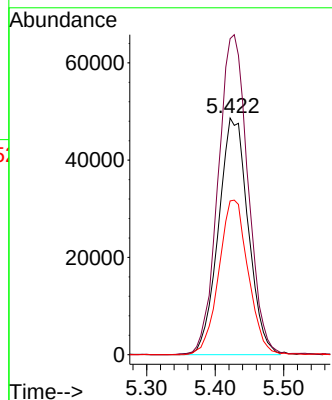
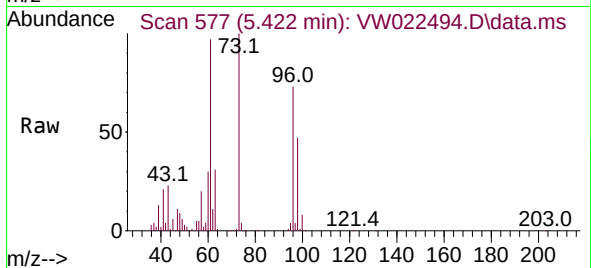
Tgt Ion: 96 Resp: 146751

Ion Ratio Lower Upper

96 100

61 133.5 99.8 185.4

98 65.0 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 25.311 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

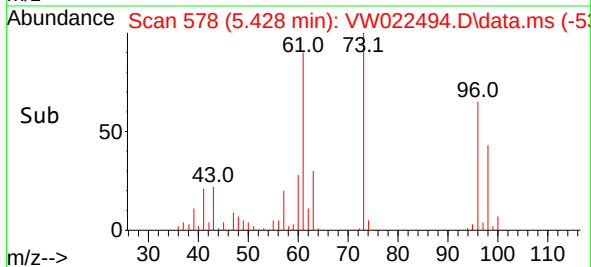
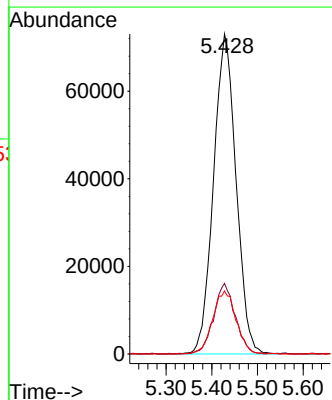
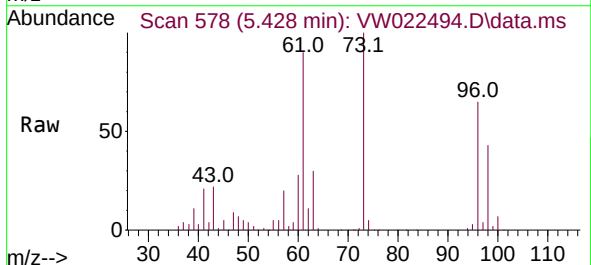
Tgt Ion: 73 Resp: 250311

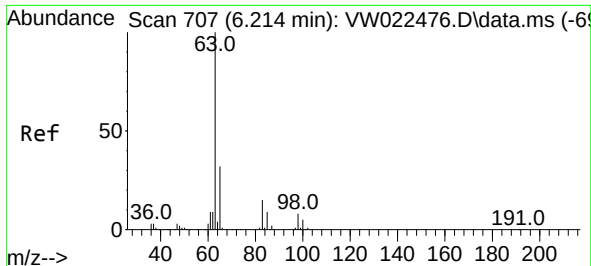
Ion Ratio Lower Upper

73 100

43 21.0 18.8 28.2

57 20.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.646 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

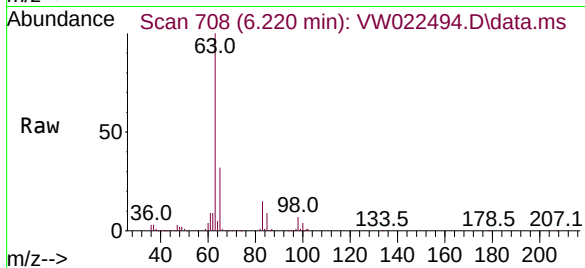
Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :



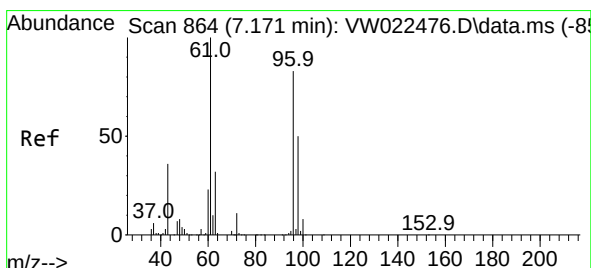
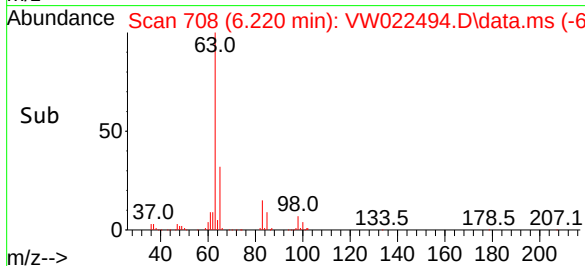
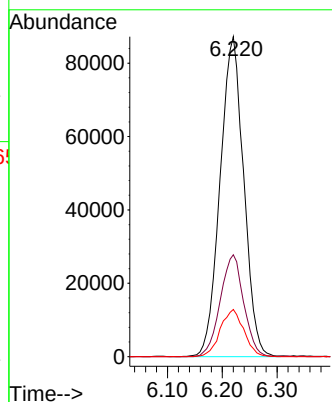
Tgt Ion: 63 Resp: 261260

Ion Ratio Lower Upper

63 100

65 31.9 21.1 39.3

83 14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.428 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

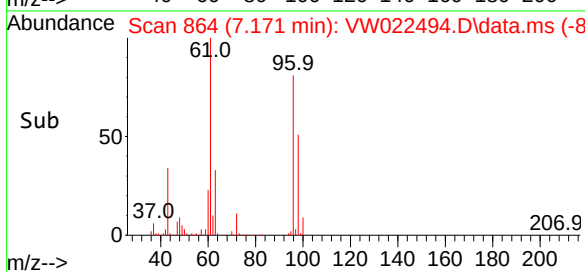
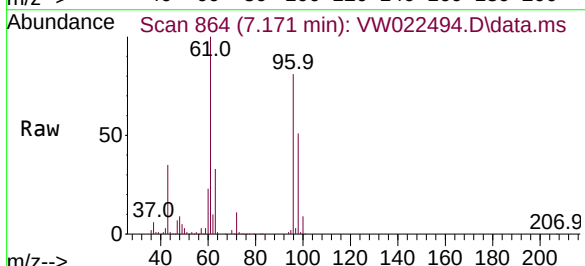
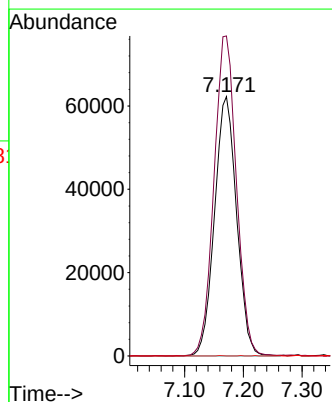
Tgt Ion: 96 Resp: 162620

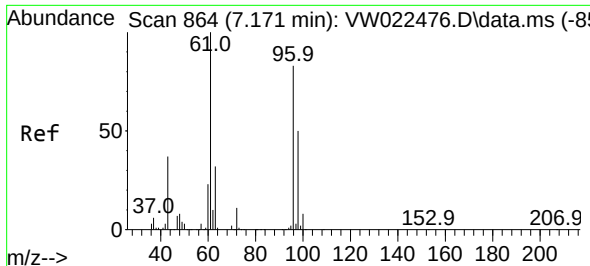
Ion Ratio Lower Upper

96 100

61 123.4 96.4 179.0

68 0.0 0.1 0.3

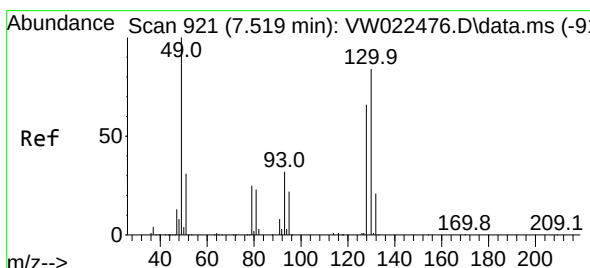
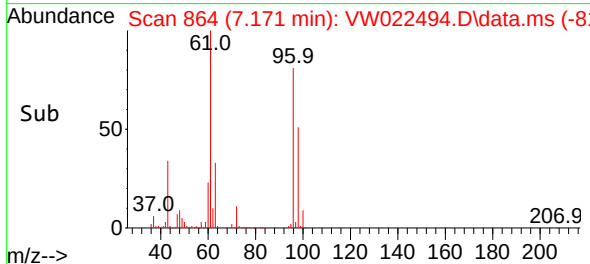
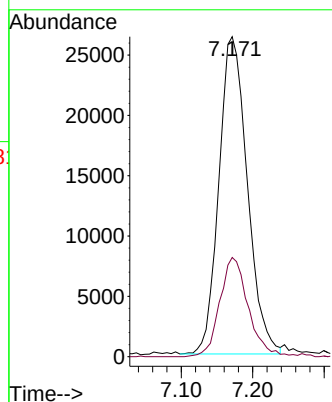
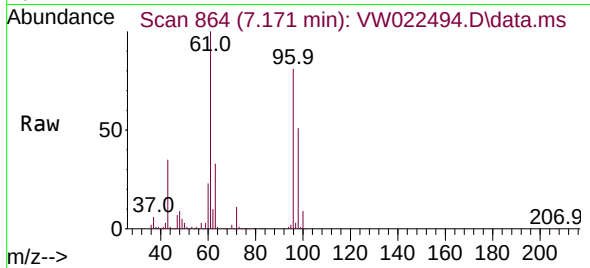




#22
2-Butanone
Concen: 47.692 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

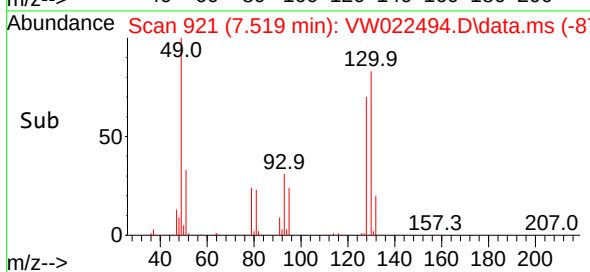
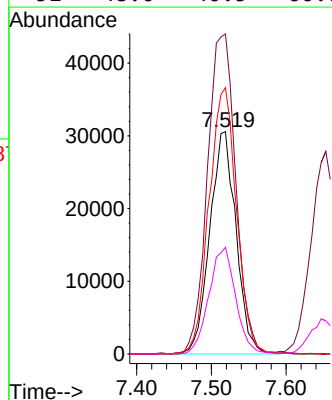
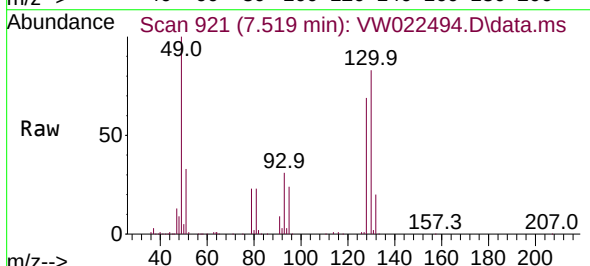
Instrument :
MSVOA_W
ClientSampleId :

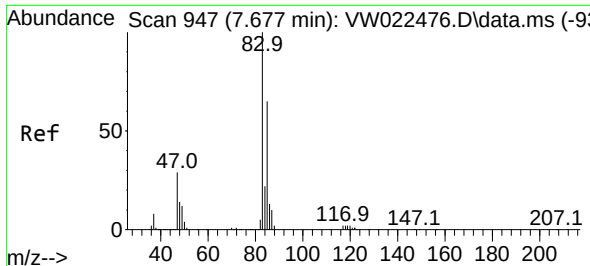
Tgt Ion: 43 Resp: 72669
Ion Ratio Lower Upper
43 100
72 31.3 14.0 42.0



#23
Bromochloromethane
Concen: 27.056 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 128 Resp: 74469
Ion Ratio Lower Upper
128 100
49 144.0 120.8 224.3
130 119.8 81.8 151.8
51 48.0 40.5 60.7

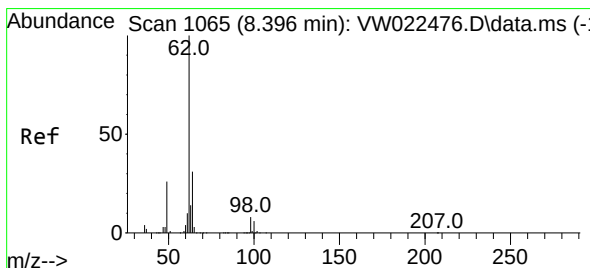
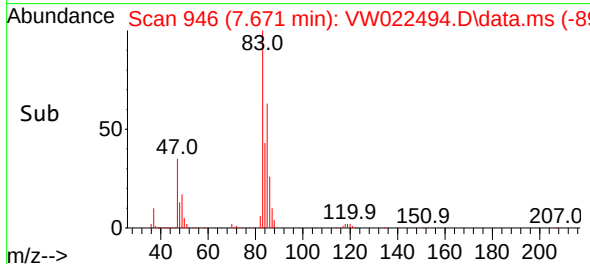
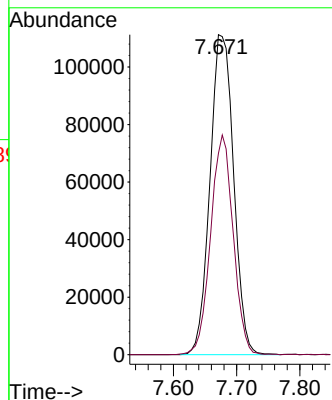
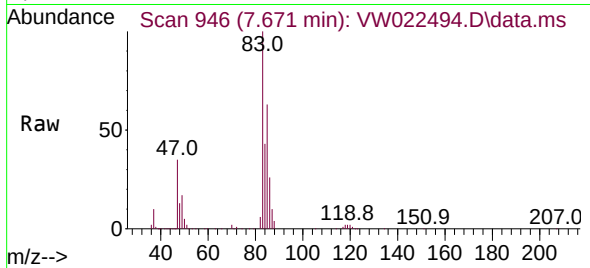




#25
Chloroform
Concen: 24.811 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

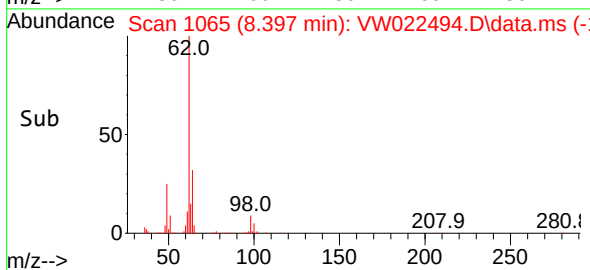
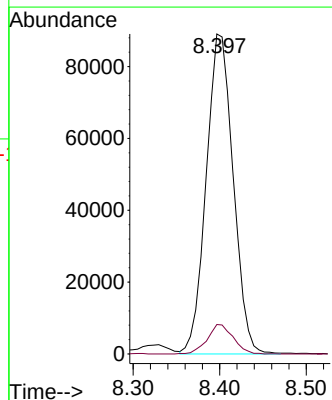
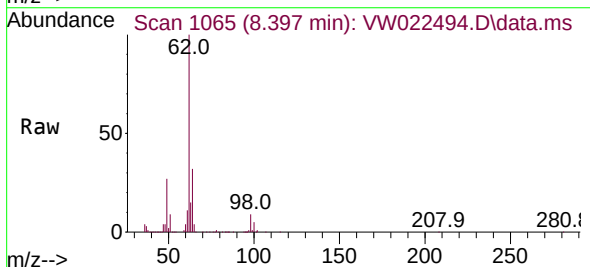
Instrument :
MSVOA_W
ClientSampleId :

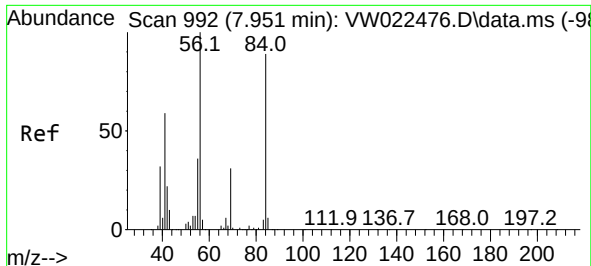
Tgt Ion: 83 Resp: 288732
Ion Ratio Lower Upper
83 100
85 62.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 23.615 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

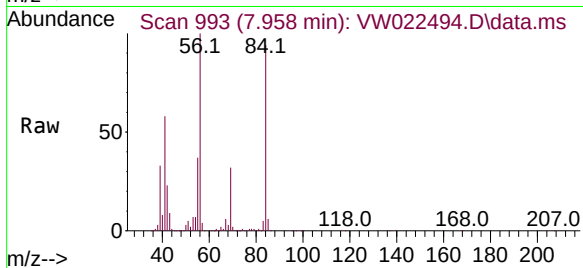
Tgt Ion: 62 Resp: 193154
Ion Ratio Lower Upper
62 100
98 9.2 6.2 9.2



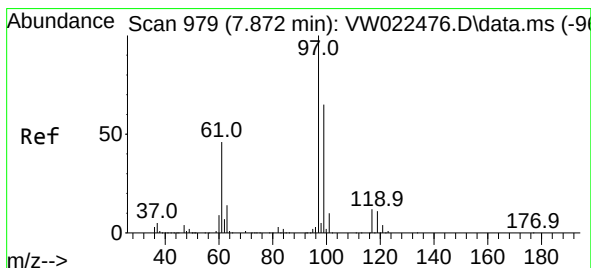
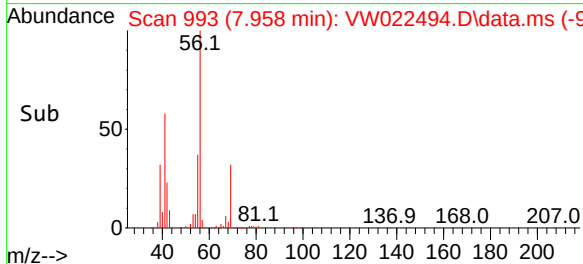
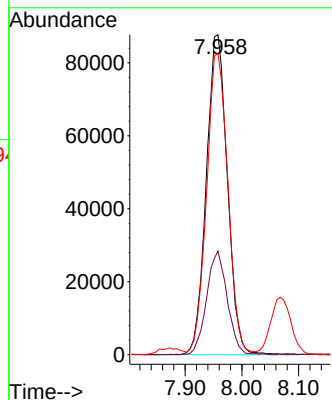


#29
Cyclohexane
Concen: 21.135 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Instrument :
MSVOA_W
ClientSampleId :

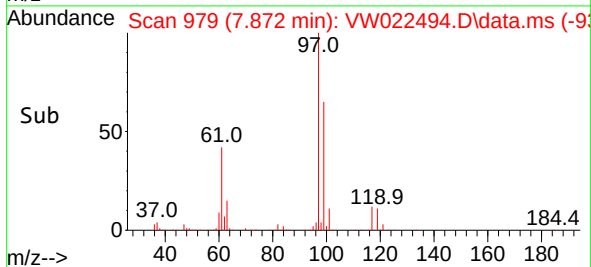
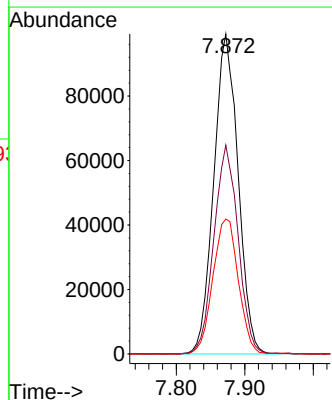
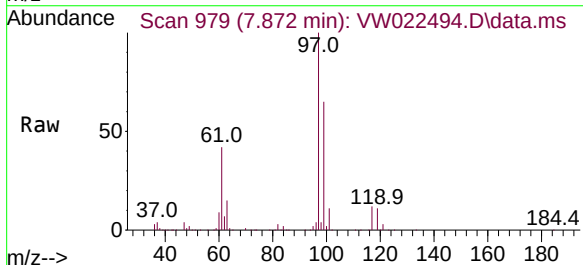


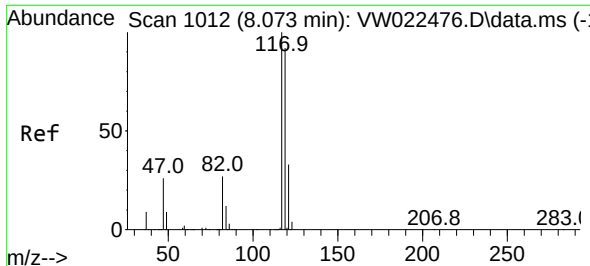
Tgt Ion: 56 Resp: 226216
Ion Ratio Lower Upper
56 100
69 31.7 24.4 36.6
84 95.0 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 23.563 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 97 Resp: 244438
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 44.2 38.7 58.1

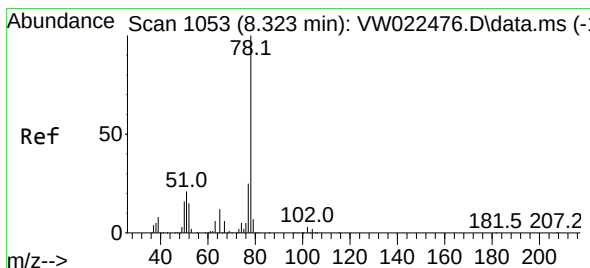
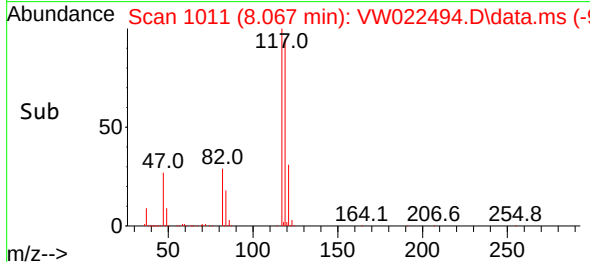
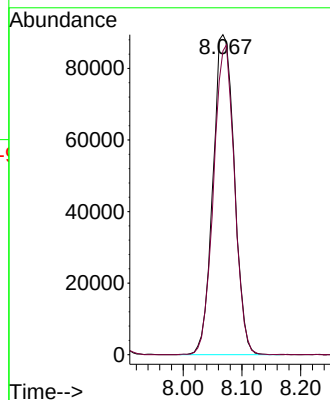
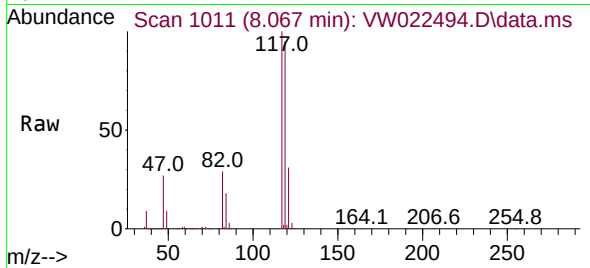




#31
Carbon tetrachloride
Concen: 24.292 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

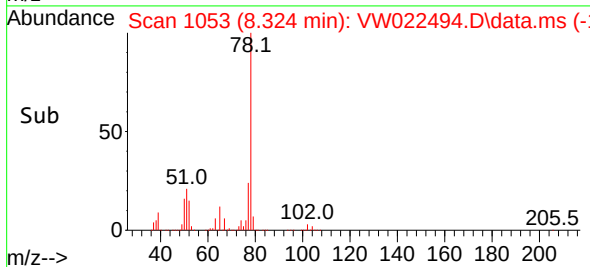
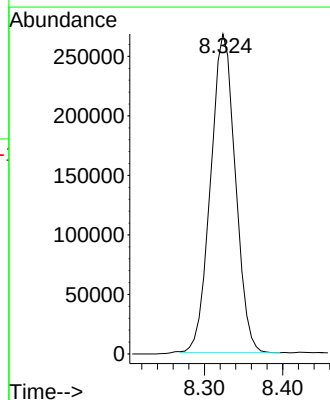
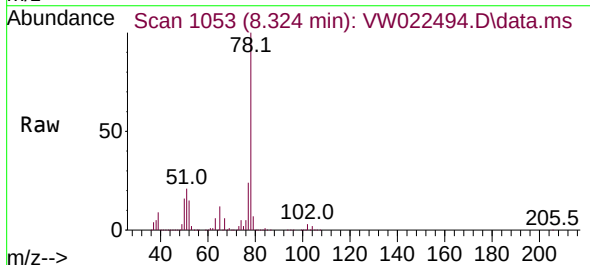
Instrument :
MSVOA_W
ClientSampleId :

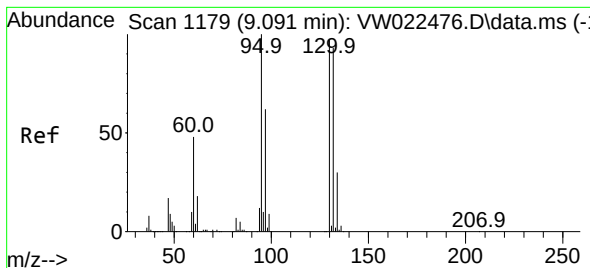
Tgt Ion:117 Resp: 226180
Ion Ratio Lower Upper
117 100
119 94.5 75.5 113.3



#33
Benzene
Concen: 23.139 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 78 Resp: 587518





#34

Trichloroethene

Concen: 24.066 ug/L

RT: 9.086 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 163611

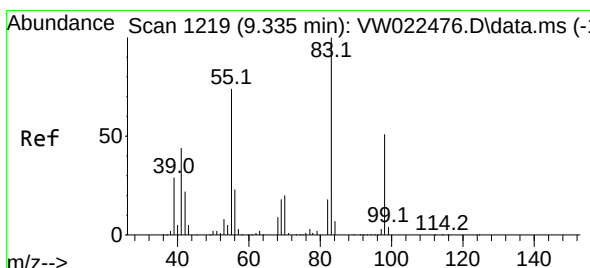
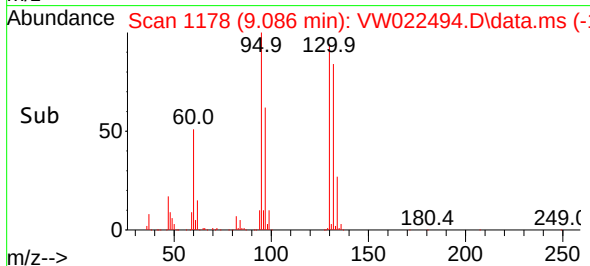
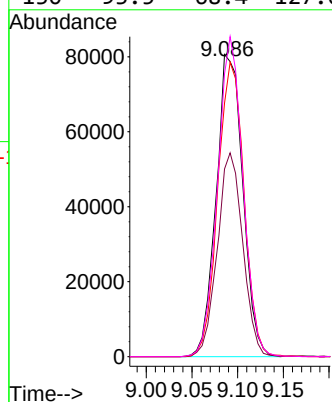
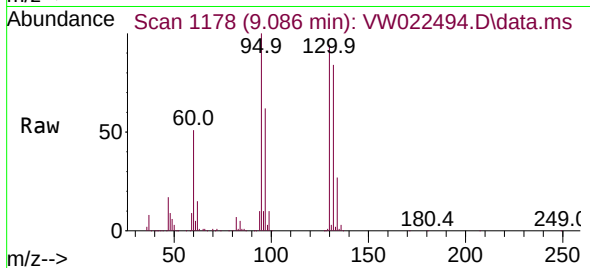
Ion Ratio Lower Upper

95 100

97 62.1 46.4 86.2

132 83.8 67.4 125.2

130 93.5 68.4 127.0



#35

Methylcyclohexane

Concen: 21.391 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

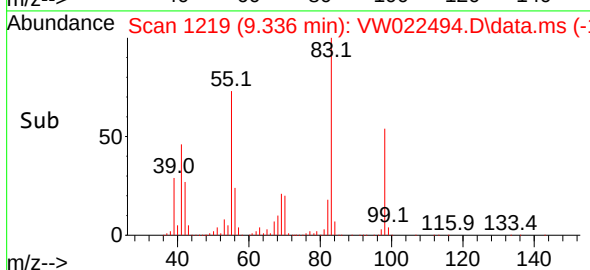
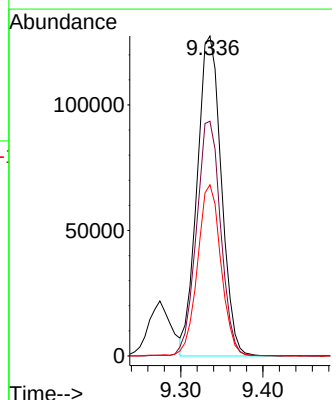
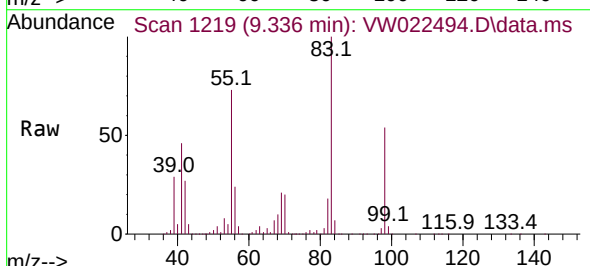
Tgt Ion: 83 Resp: 260912

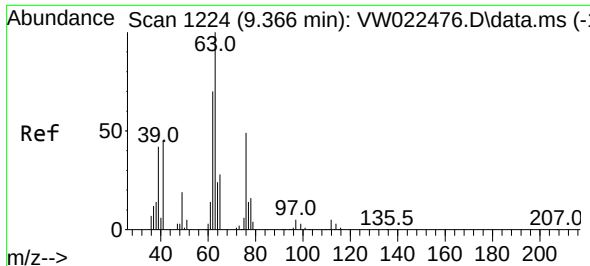
Ion Ratio Lower Upper

83 100

55 73.3 61.0 91.6

98 51.8 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.799 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

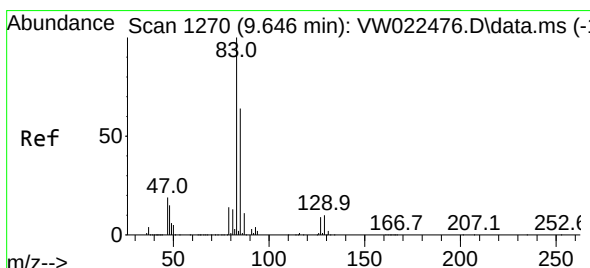
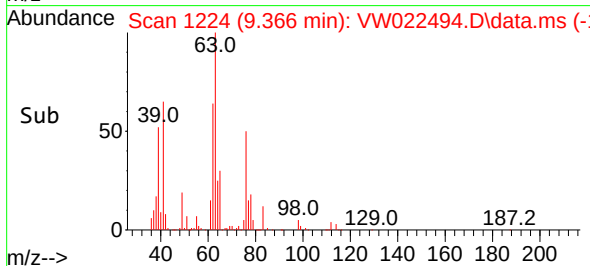
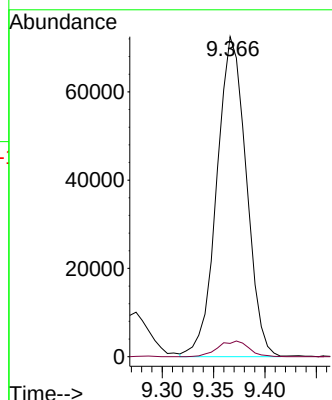
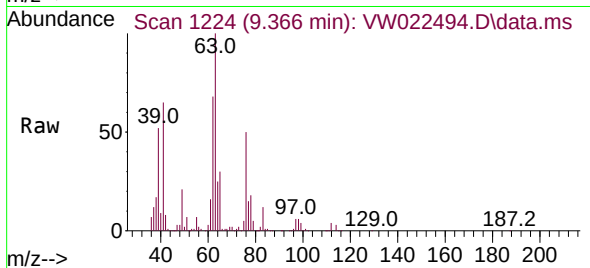
ClientSampleId :

Tgt Ion: 63 Resp: 144764

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 24.521 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

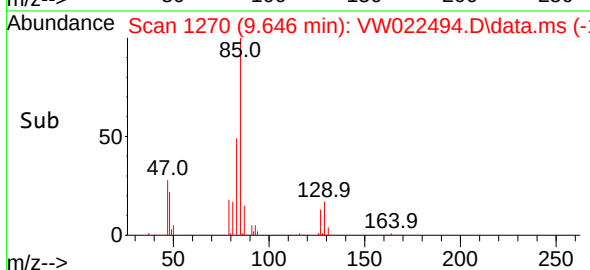
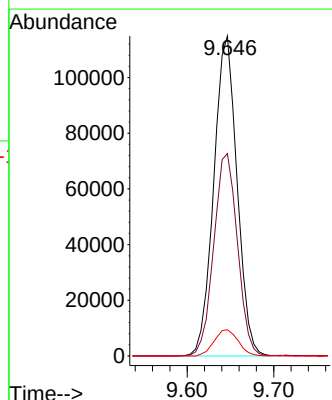
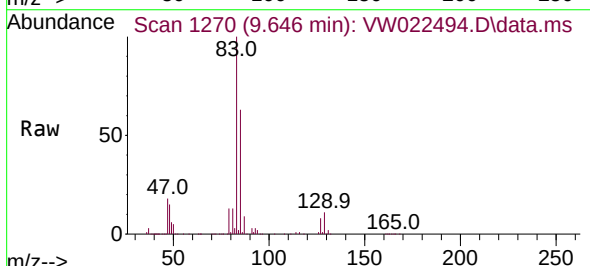
Tgt Ion: 83 Resp: 214489

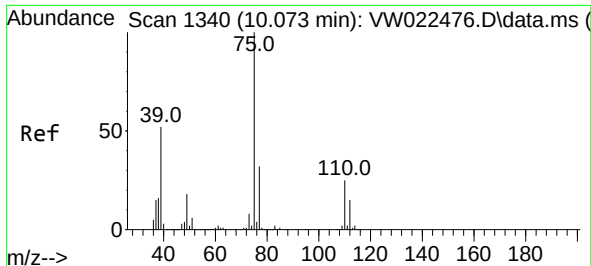
Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

127 8.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.562 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

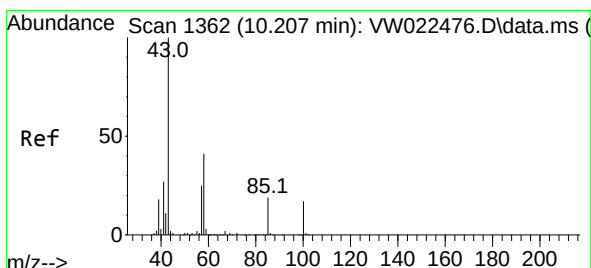
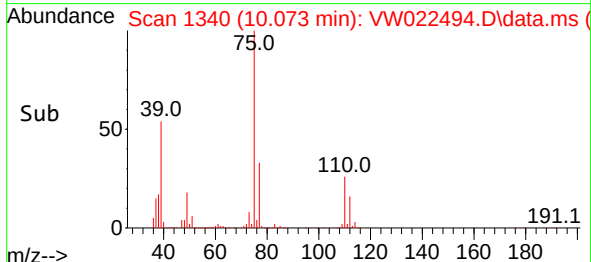
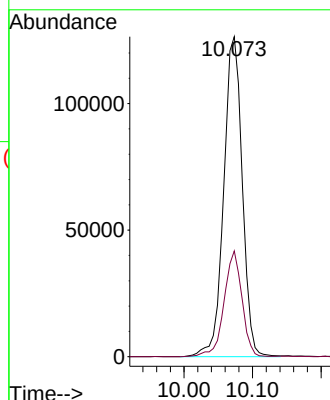
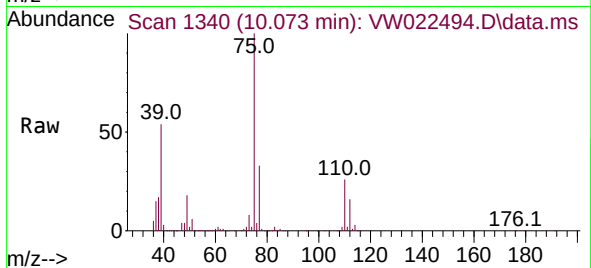
ClientSampleId :

Tgt Ion: 75 Resp: 237077

Ion Ratio Lower Upper

75 100

77 33.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.560 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

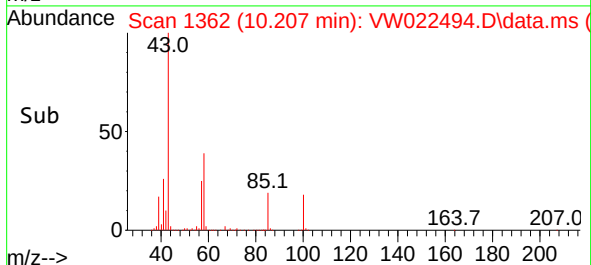
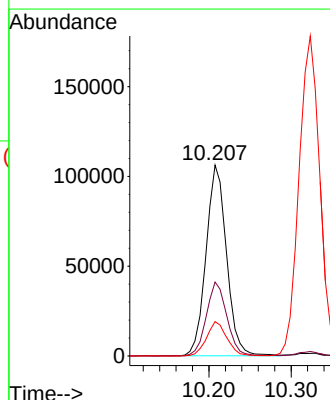
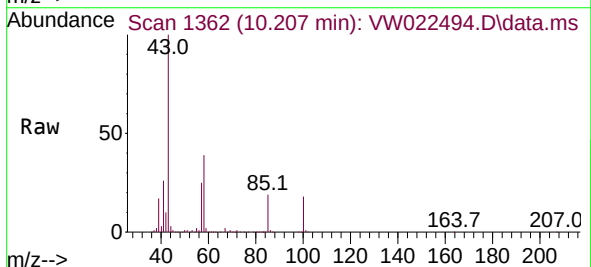
Tgt Ion: 43 Resp: 183973

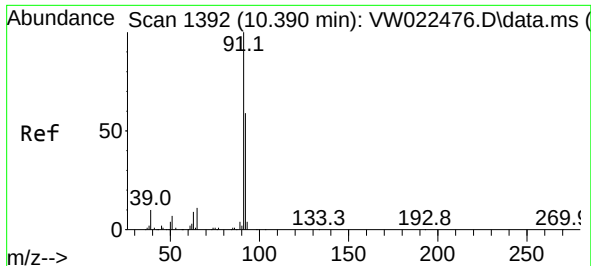
Ion Ratio Lower Upper

43 100

58 38.6 29.3 43.9

100 17.9 12.2 18.4

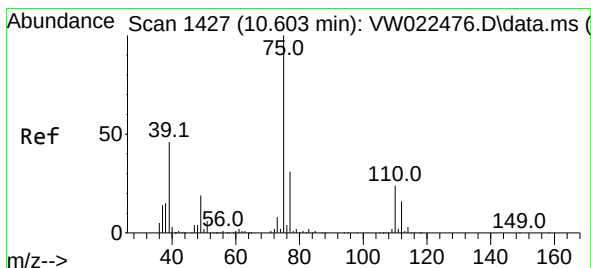
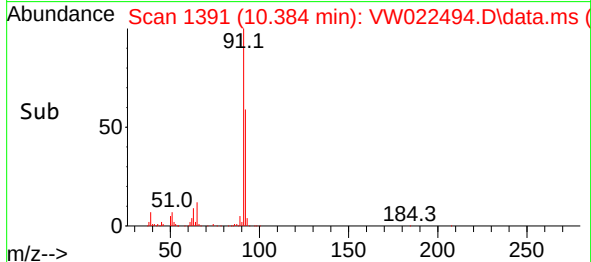
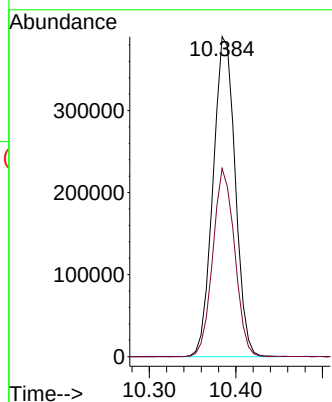
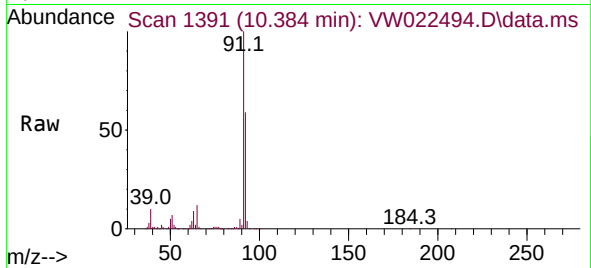




#42
Toluene
Concen: 23.851 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

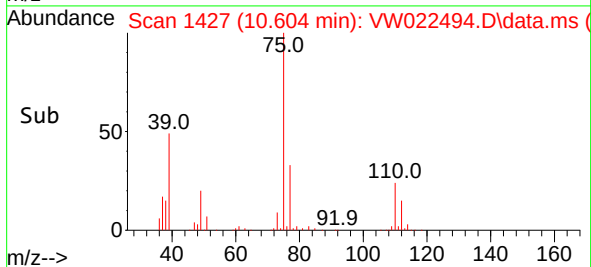
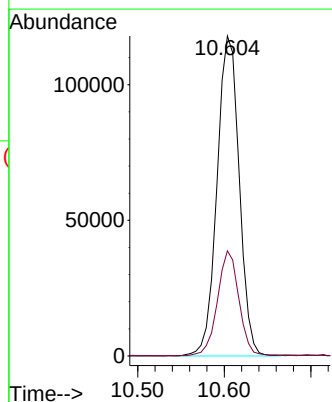
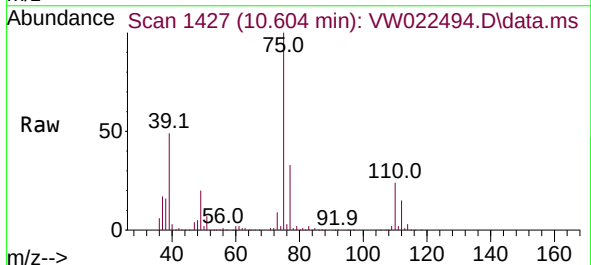
Instrument :
MSVOA_W
ClientSampleId :

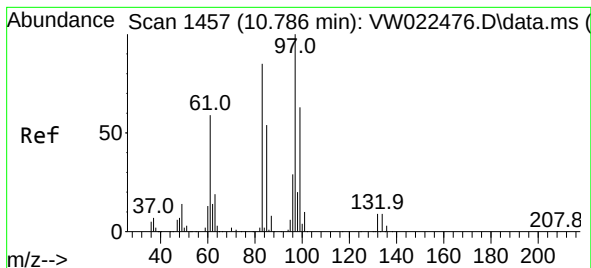
Tgt Ion: 91 Resp: 693953
Ion Ratio Lower Upper
91 100
92 58.8 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 24.301 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

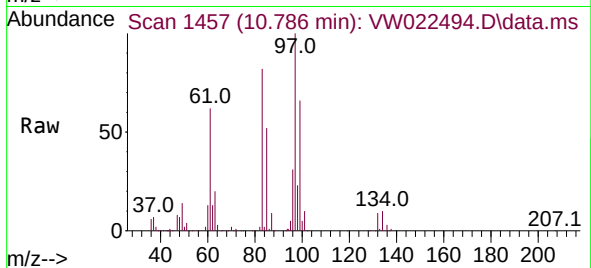
Tgt Ion: 75 Resp: 210021
Ion Ratio Lower Upper
75 100
77 32.9 21.3 39.6



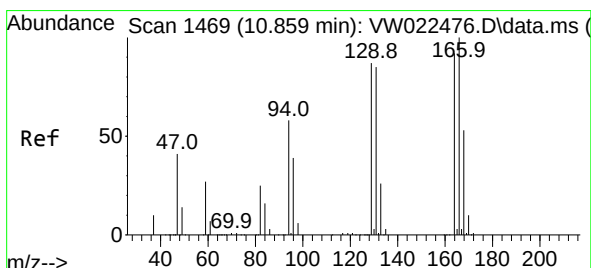
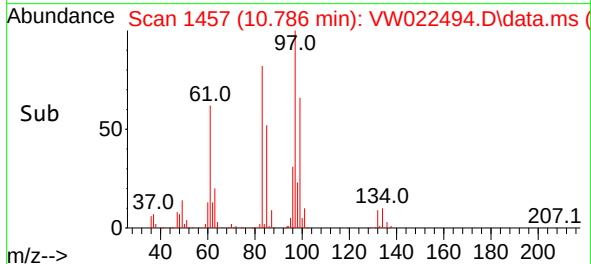
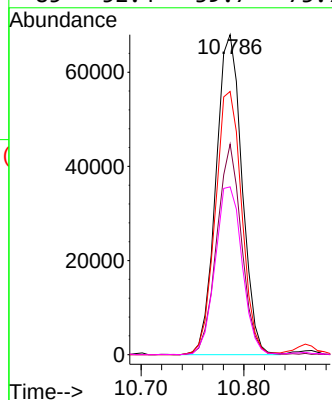


#45
1,1,2-Trichloroethane
Concen: 25.786 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Instrument :
MSVOA_W
ClientSampleId :

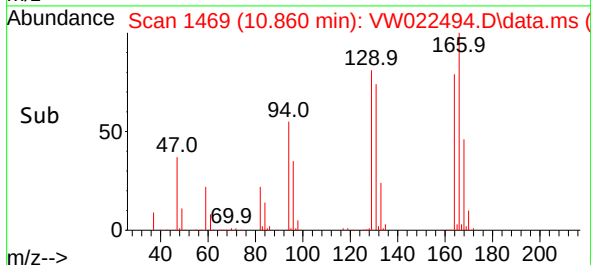
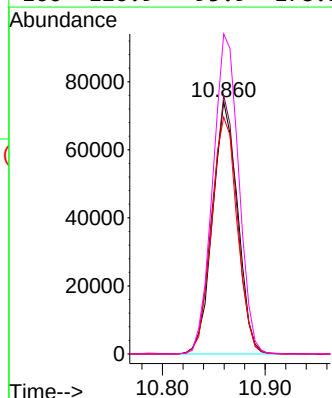
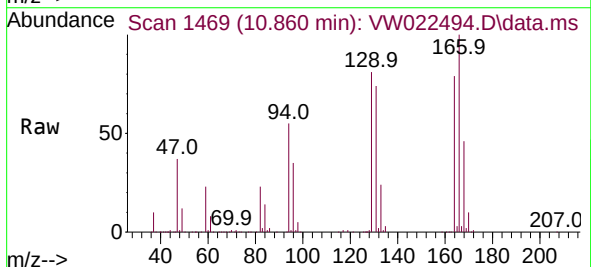


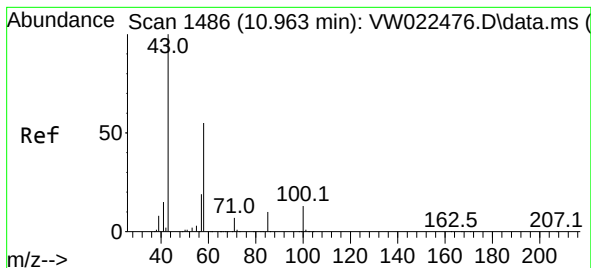
Tgt Ion:	97	Resp:	119706
Ion	Ratio	Lower	Upper
97	100		
99	65.8	46.0	85.4
83	82.3	60.6	112.6
85	52.4	39.7	73.7



#46
Tetrachloroethene
Concen: 25.061 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion:	164	Resp:	125236
Ion	Ratio	Lower	Upper
164	100		
129	102.5	74.1	137.7
131	93.9	71.4	132.6
166	126.9	95.9	178.1





#48

2-Hexanone

Concen: 49.092 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

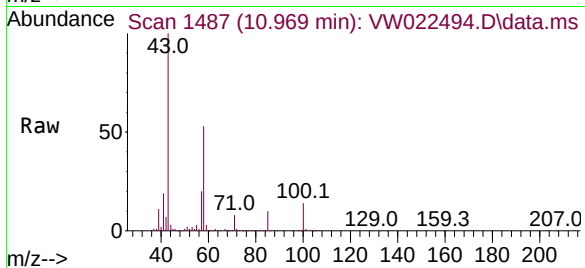
Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 128566

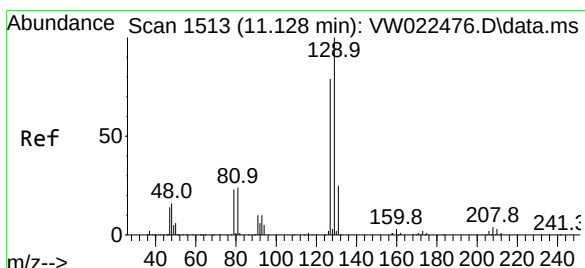
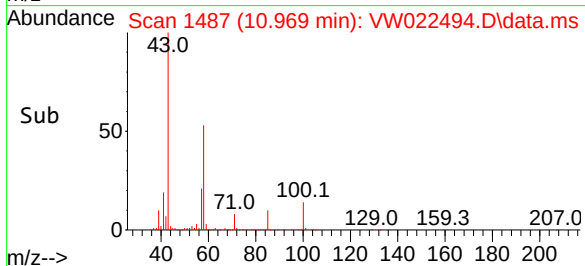
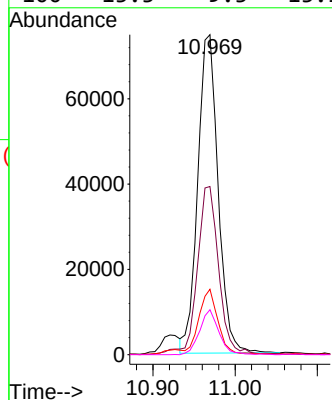
Ion Ratio Lower Upper

43 100

58 50.1 41.6 62.4

57 18.1 14.5 21.7

100 13.3 9.3 13.9



#49

Dibromochloromethane

Concen: 27.231 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022494.D

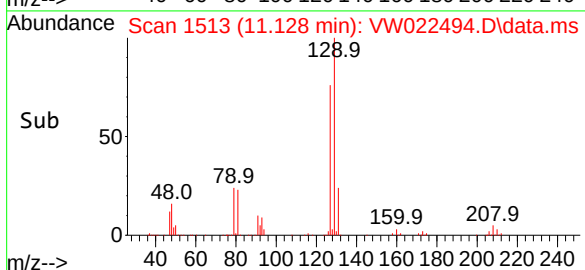
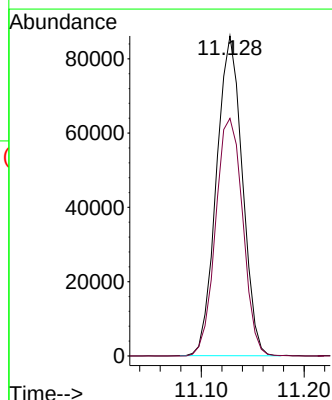
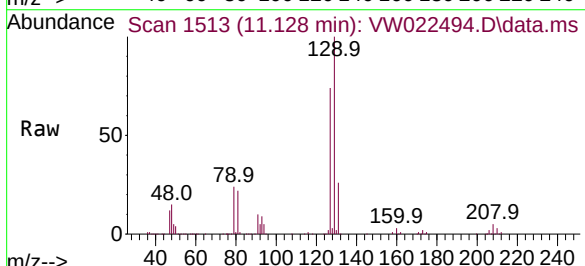
Acq: 11 Apr 2022 19:46

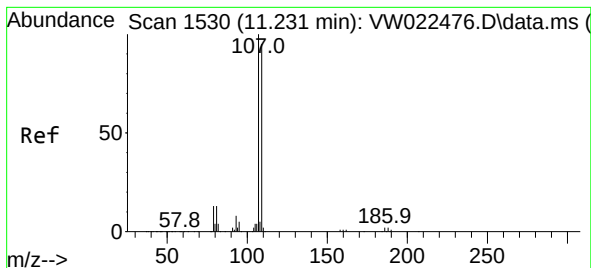
Tgt Ion: 129 Resp: 150764

Ion Ratio Lower Upper

129 100

127 74.3 52.6 97.6





#50

1,2-Dibromoethane

Concen: 26.688 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022494.D

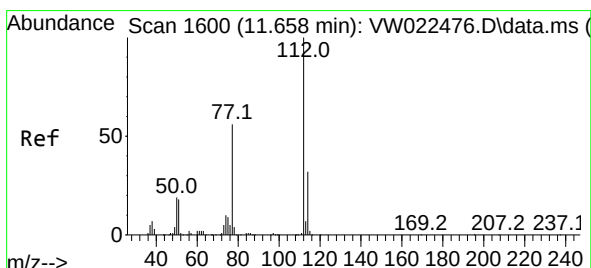
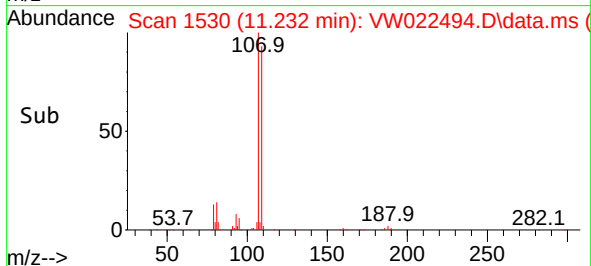
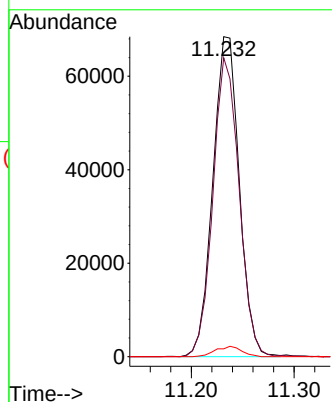
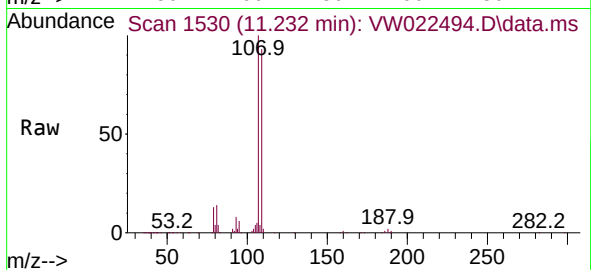
Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107 Resp: 122339
 Ion Ratio Lower Upper
 107 100
 109 93.4 68.2 126.6
 188 2.5 2.8 4.2#



#51

Chlorobenzene

Concen: 24.925 ug/L

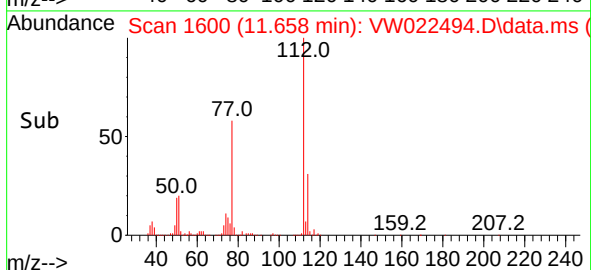
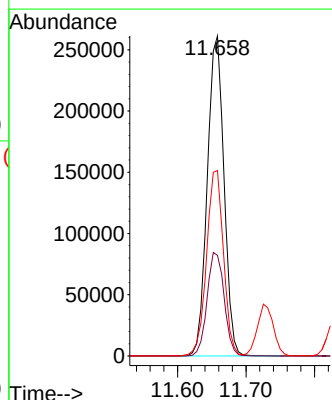
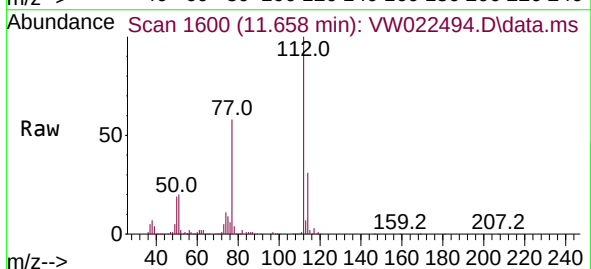
RT: 11.658 min Scan# 1600

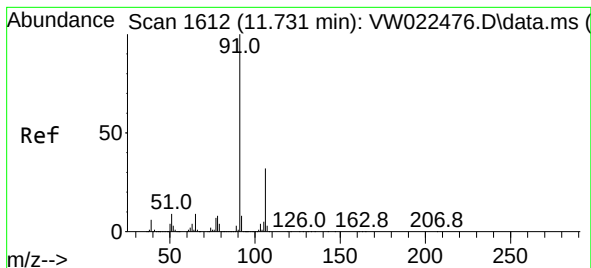
Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Tgt Ion:112 Resp: 443161
 Ion Ratio Lower Upper
 112 100
 114 31.4 20.5 38.1
 77 57.9 48.1 72.1

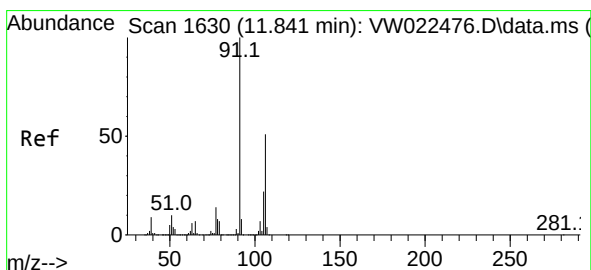
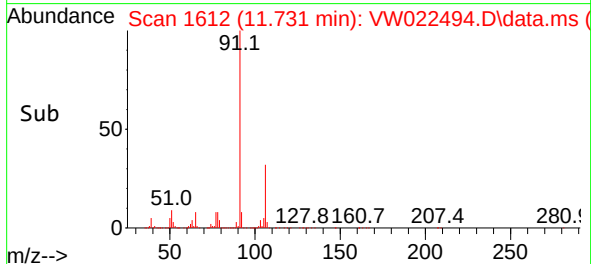
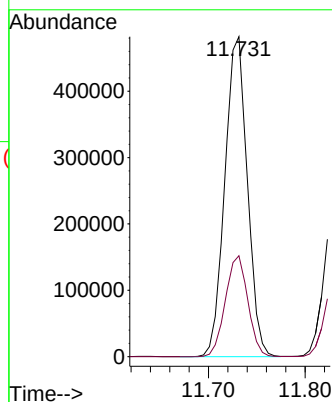
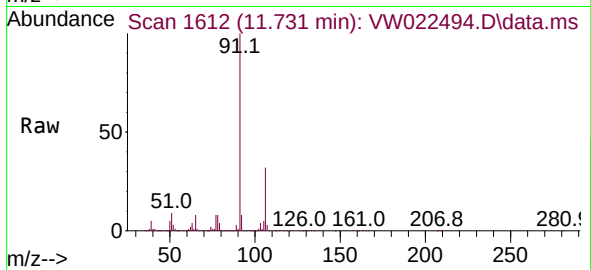




#52
Ethylbenzene
Concen: 23.858 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

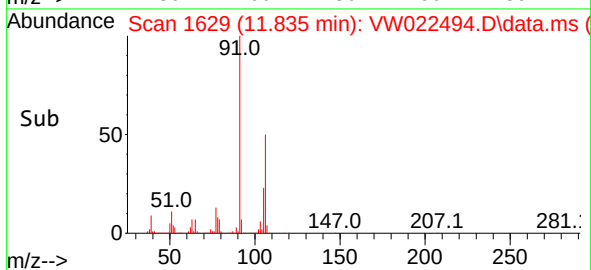
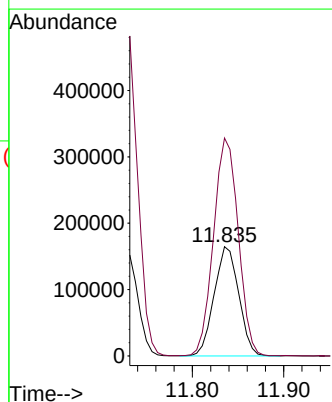
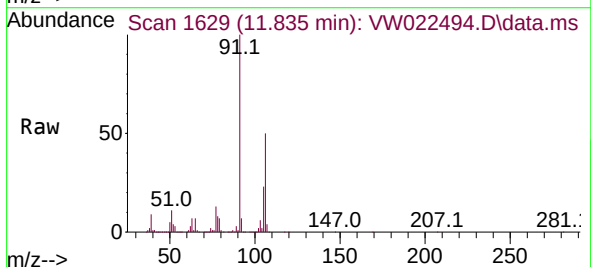
Instrument :
MSVOA_W
ClientSampleId :

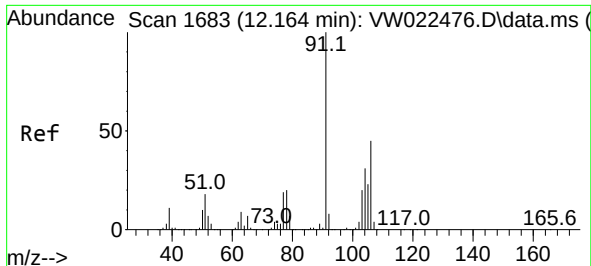
Tgt Ion: 91 Resp: 778042
Ion Ratio Lower Upper
91 100
106 31.6 20.5 38.1



#53
m,p-Xylene
Concen: 24.850 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion:106 Resp: 308134
Ion Ratio Lower Upper
106 100
91 199.3 149.9 278.5

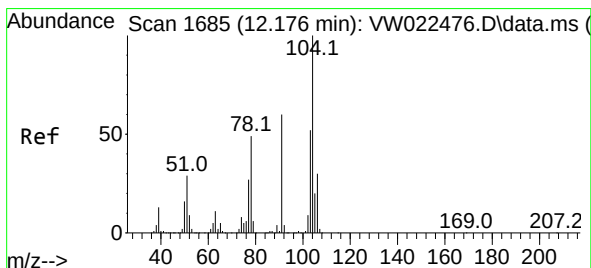
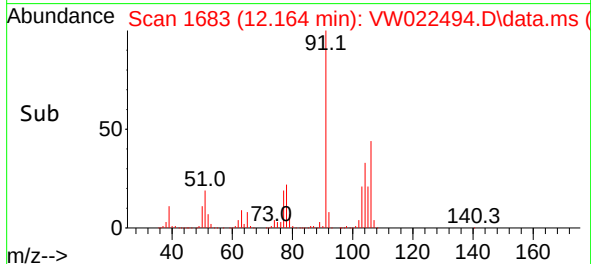
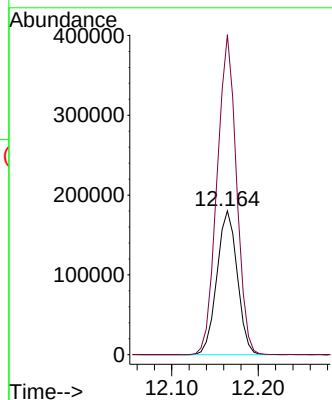
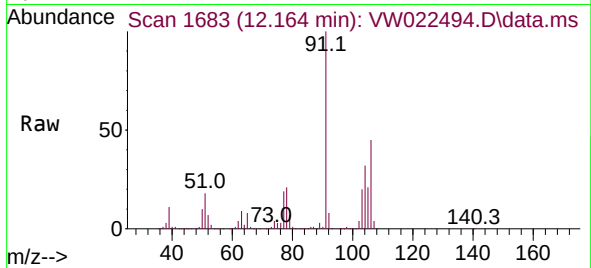




#54
o-Xylene
Concen: 24.824 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

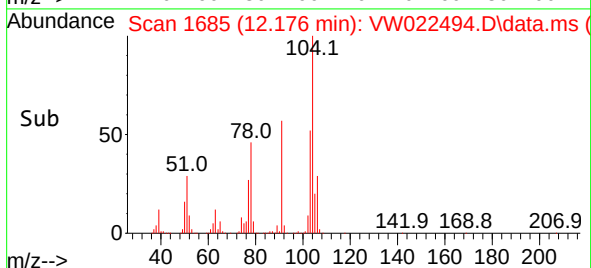
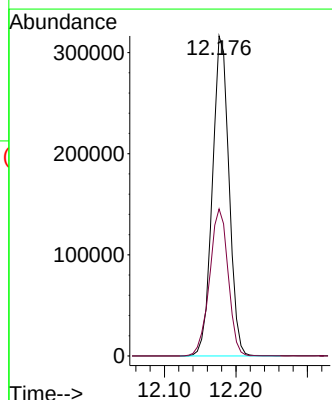
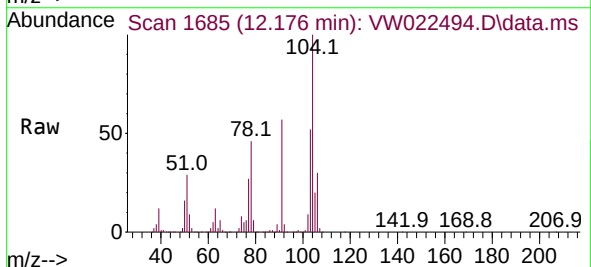
Instrument :
MSVOA_W
ClientSampleId :

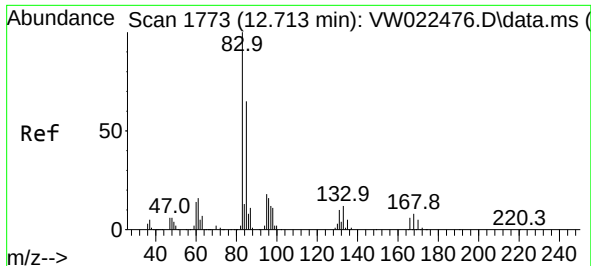
Tgt Ion:106 Resp: 294147
Ion Ratio Lower Upper
106 100
91 222.4 155.3 288.3



#55
Styrene
Concen: 25.241 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion:104 Resp: 511012
Ion Ratio Lower Upper
104 100
78 46.0 34.4 64.0

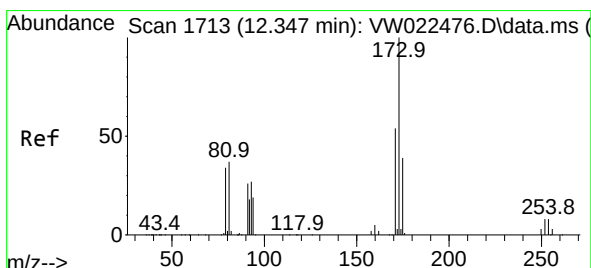
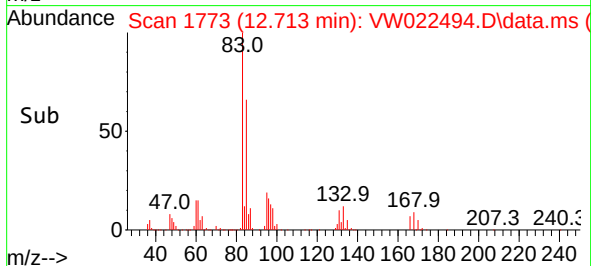
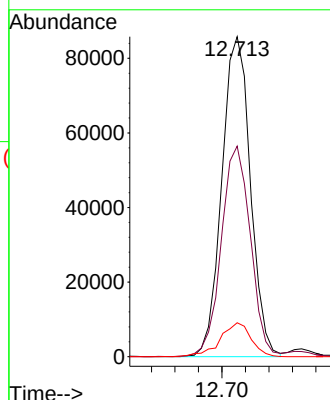
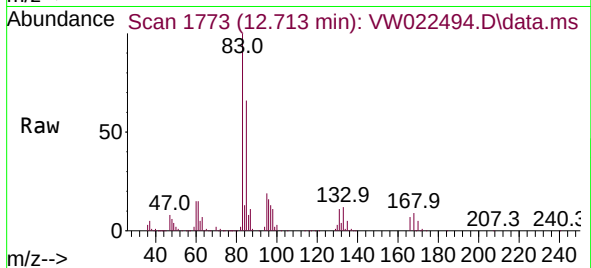




#57
1,1,2,2-Tetrachloroethane
Concen: 25.415 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

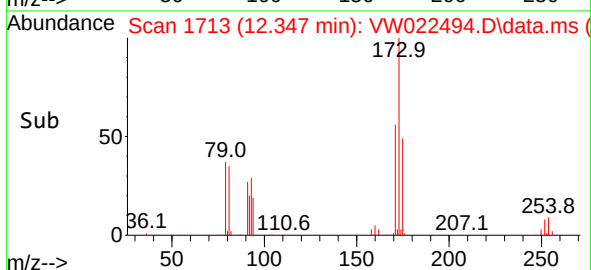
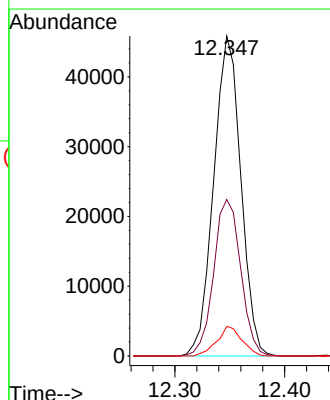
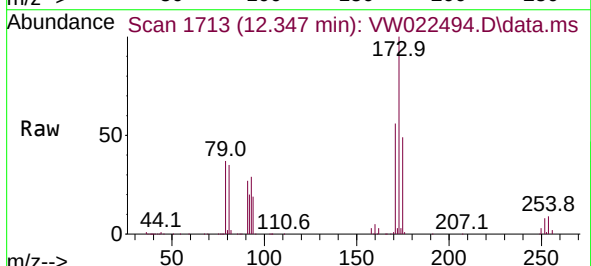
Instrument :
MSVOA_W
ClientSampleId :

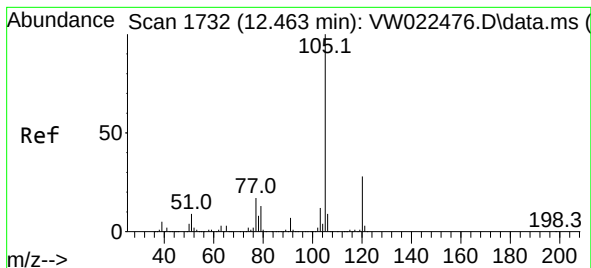
Tgt Ion: 83 Resp: 144812
Ion Ratio Lower Upper
83 100
85 65.8 45.5 84.5
131 10.6 7.8 11.8



#59
Bromoform
Concen: 25.324 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

Tgt Ion: 173 Resp: 78898
Ion Ratio Lower Upper
173 100
175 48.7 39.2 58.8
254 8.5 6.6 9.8





#60

Isopropylbenzene

Concen: 23.360 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

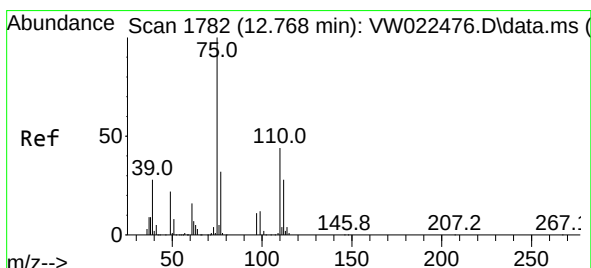
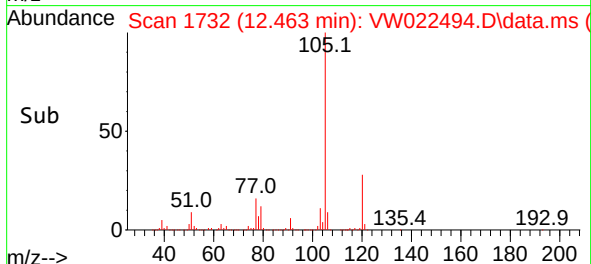
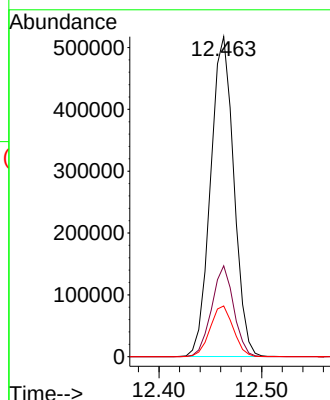
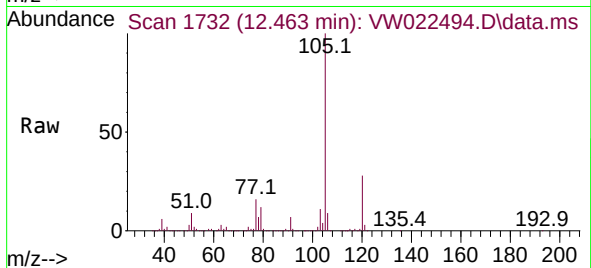
Tgt Ion:105 Resp: 813598

Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

77 15.8 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 23.884 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

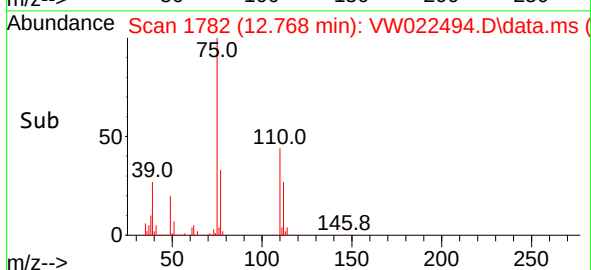
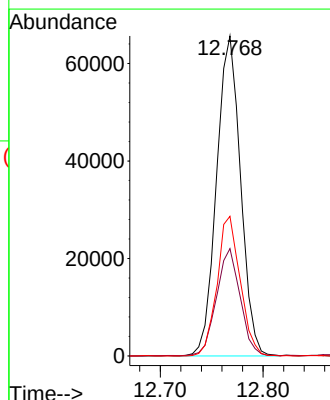
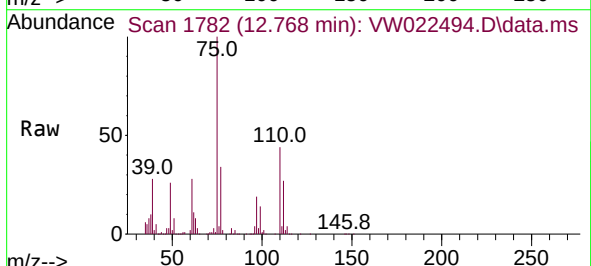
Tgt Ion: 75 Resp: 106521

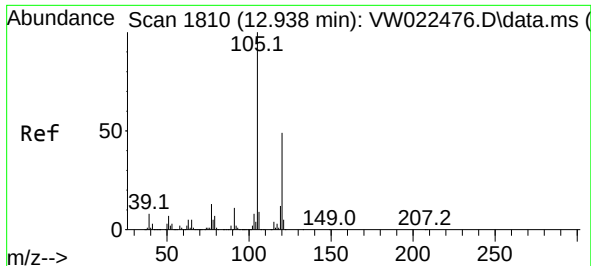
Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5

110 42.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 24.338 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

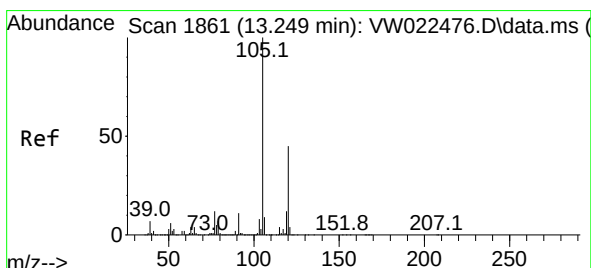
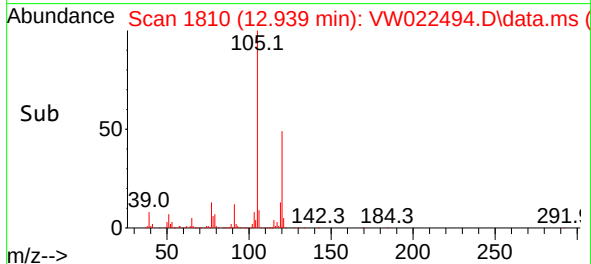
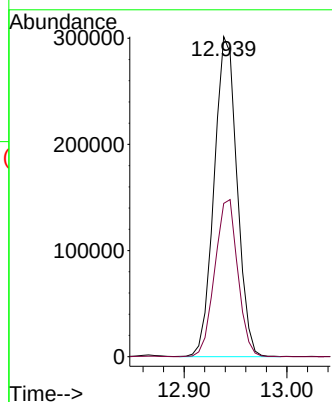
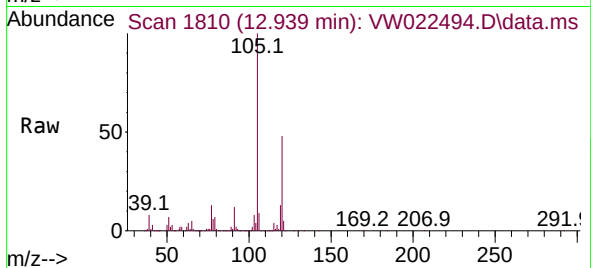
ClientSampleId :

Tgt Ion:105 Resp: 466175

Ion Ratio Lower Upper

105 100

120 49.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 23.874 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022494.D

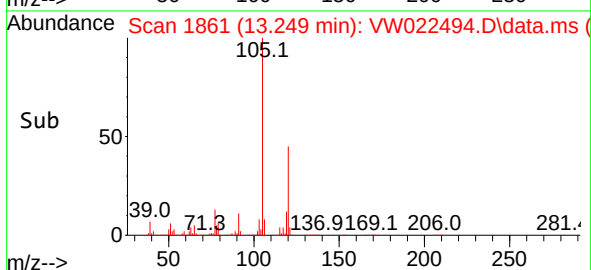
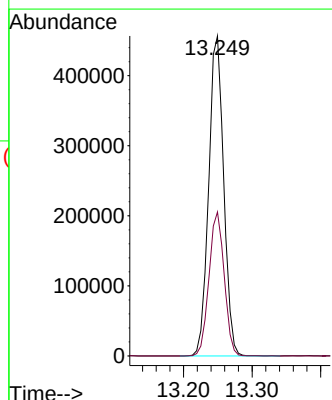
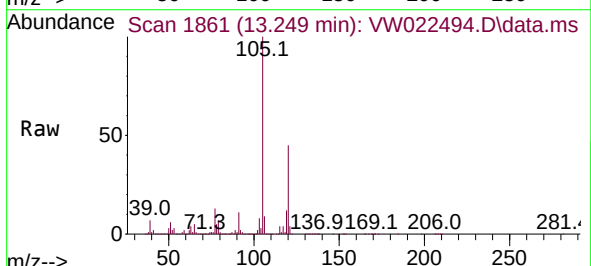
Acq: 11 Apr 2022 19:46

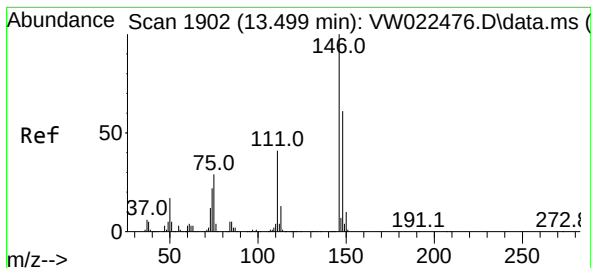
Tgt Ion:105 Resp: 695389

Ion Ratio Lower Upper

105 100

120 45.5 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 25.004 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

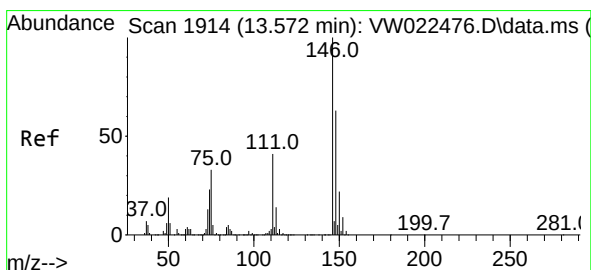
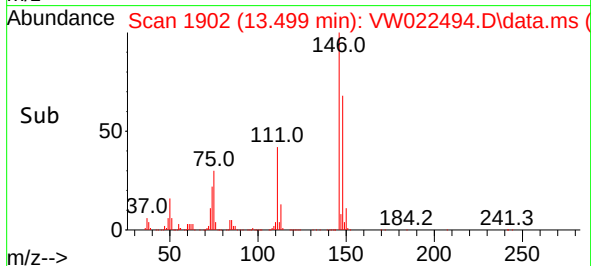
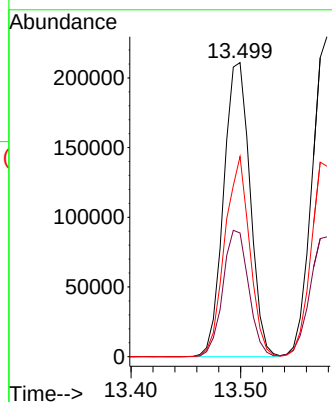
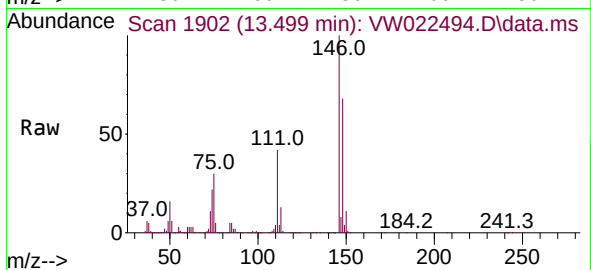
Tgt Ion:146 Resp: 353432

Ion Ratio Lower Upper

146 100

111 42.0 28.2 52.4

148 68.0 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 25.011 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

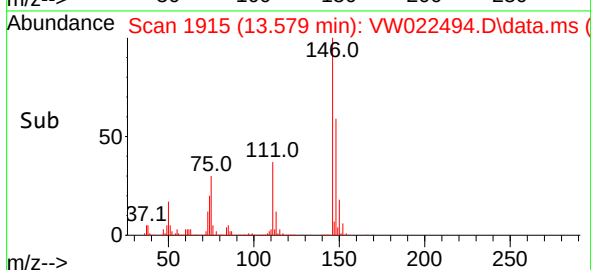
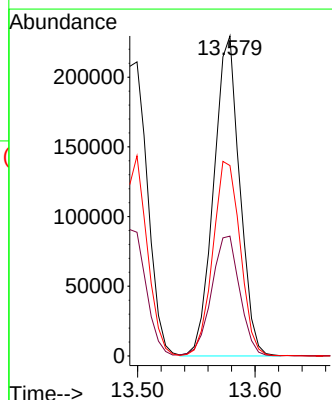
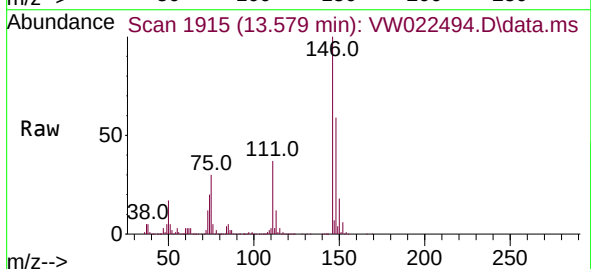
Tgt Ion:146 Resp: 352578

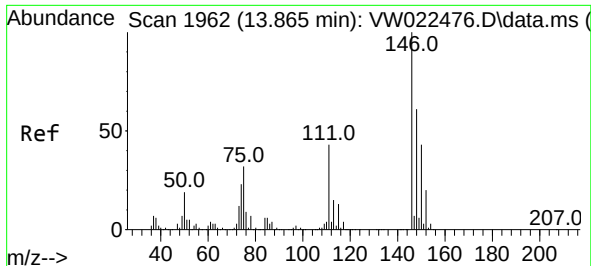
Ion Ratio Lower Upper

146 100

111 37.5 28.5 52.9

148 59.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.356 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

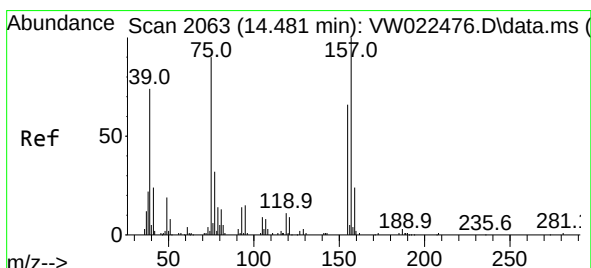
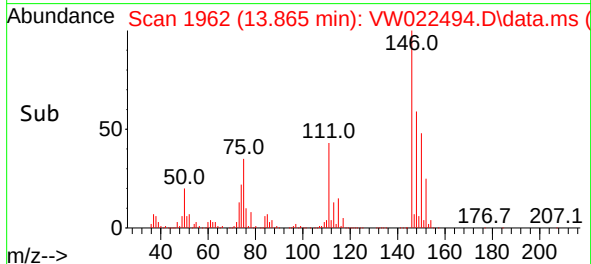
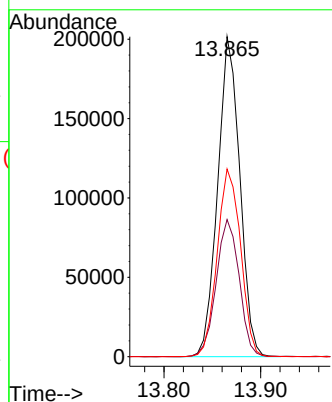
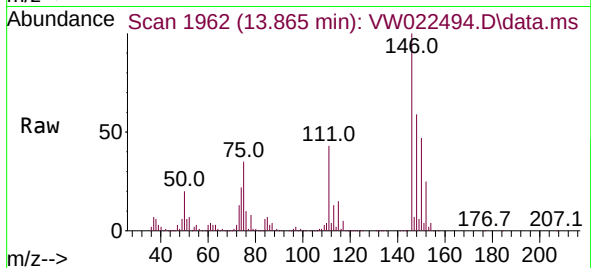
Tgt Ion:146 Resp: 320527

Ion Ratio Lower Upper

146 100

111 42.9 39.0 58.4

148 58.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.264 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

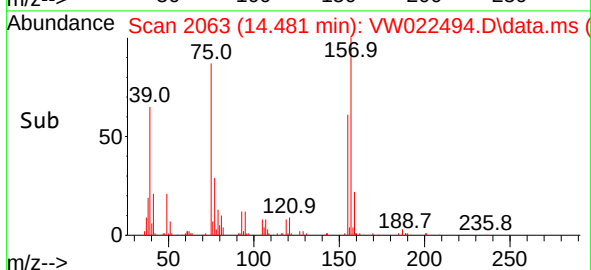
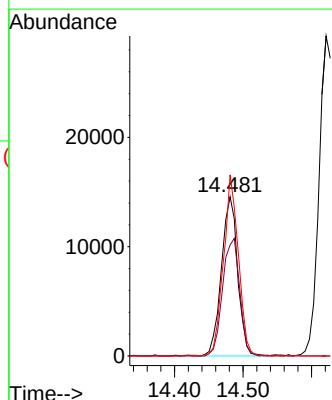
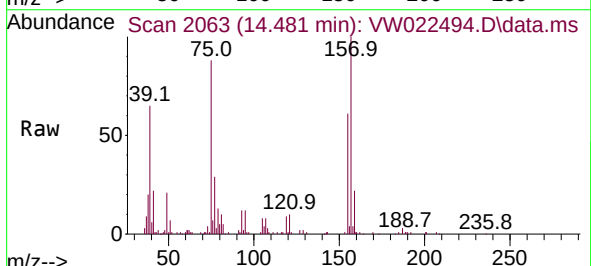
Tgt Ion: 75 Resp: 24064

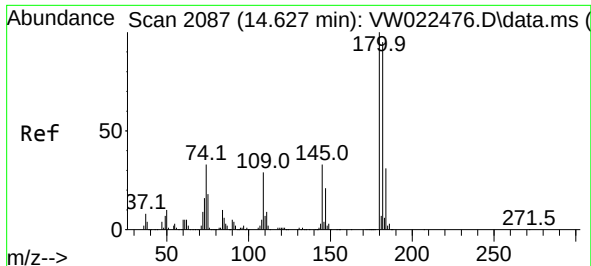
Ion Ratio Lower Upper

75 100

155 69.7 55.6 83.4

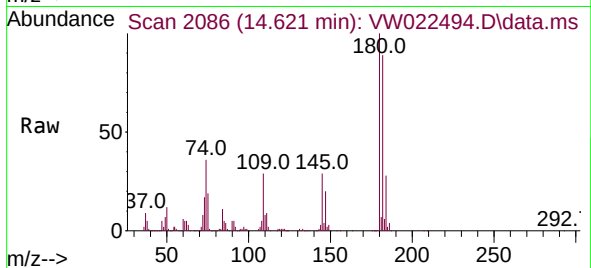
157 113.8 69.8 104.6#



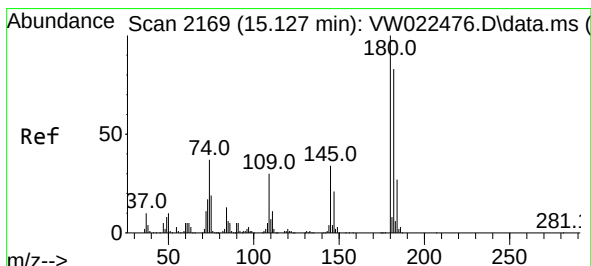
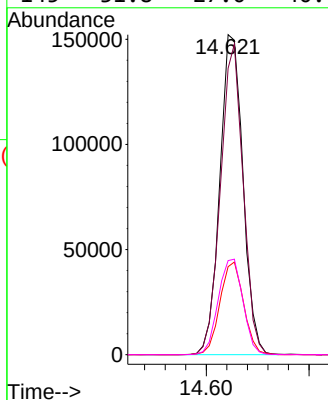
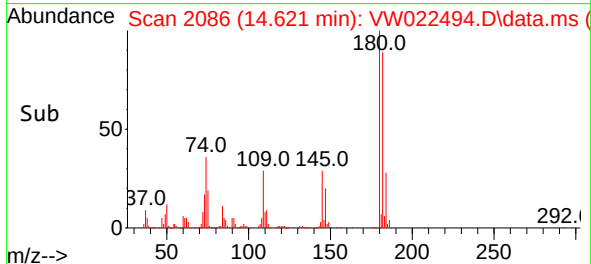


#69
1,3,5-Trichlorobenzene
Concen: 25.801 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46

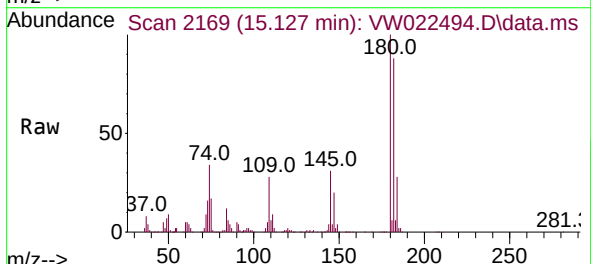
Instrument :
MSVOA_W
ClientSampleId :



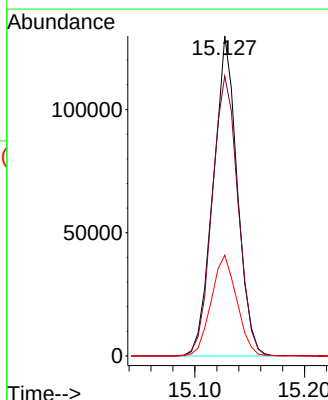
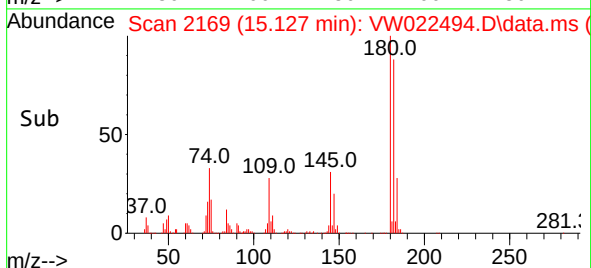
Tgt Ion:180 Resp: 237946
Ion Ratio Lower Upper
180 100
182 94.8 79.1 118.7
184 29.6 24.5 36.7
145 31.8 27.0 40.4

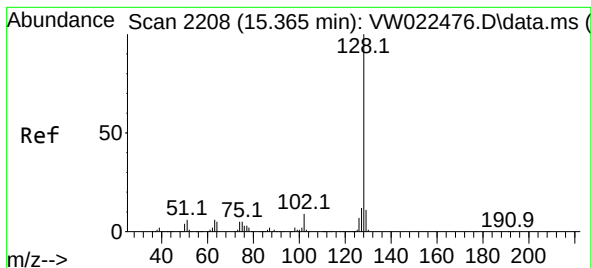


#70
1,2,4-trichlorobenzene
Concen: 25.522 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022494.D
Acq: 11 Apr 2022 19:46



Tgt Ion:180 Resp: 197679
Ion Ratio Lower Upper
180 100
182 94.1 72.8 109.2
145 33.5 25.5 38.3





#71

Naphthalene

Concen: 26.345 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Instrument :

MSVOA_W

ClientSampleId :

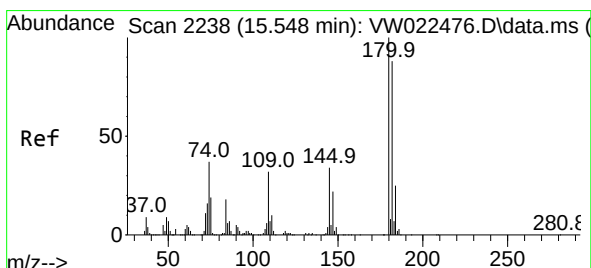
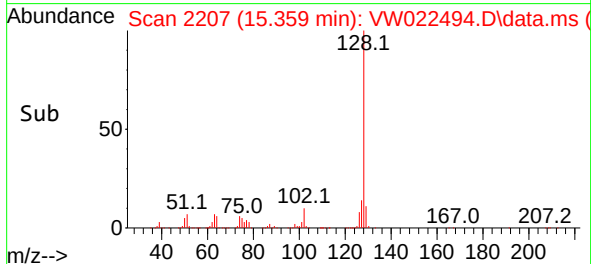
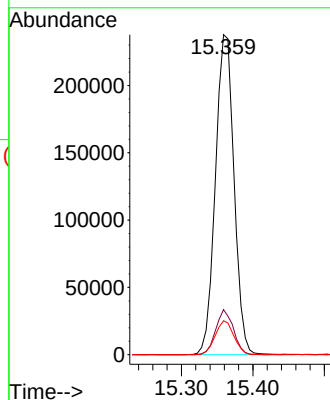
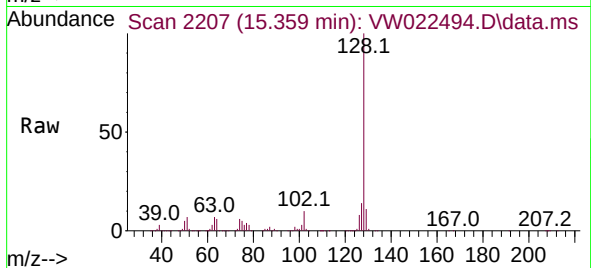
Tgt Ion:128 Resp: 430381

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.994 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022494.D

Acq: 11 Apr 2022 19:46

Tgt Ion:180 Resp: 172097

Ion Ratio Lower Upper

180 100

182 91.5 73.4 110.0

145 35.4 27.0 40.6

