

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024062.D
 Acq On : 25 Jul 2022 09:45
 Operator : SY/VA
 Sample : VSTD050459
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050459

Quant Time: Jul 26 00:20:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	285129	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	294729	48.223	ug/L	0.00
7) Chloroethane-d5	2.873	69	196265	47.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	248890	46.249	ug/L	0.00
21) 2-Butanone-d5	7.080	46	93299	85.702	ug/L	0.00
24) Chloroform-d	7.647	84	338991	43.245	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	200162	44.445	ug/L	0.00
32) Benzene-d6	8.275	84	676327	48.384	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	196071	44.471	ug/L	0.00
41) Toluene-d8	10.323	98	691897	49.494	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	95293	48.747	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	93454	101.389	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	221875	43.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	262730	46.321	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	110287	51.602	ug/L	100
3) Chloromethane	2.209	50	247791	45.324	ug/L	96
5) Vinyl chloride	2.349	62	370571	43.488	ug/L	98
6) Bromomethane	2.763	94	191985	40.797	ug/L	93
8) Chloroethane	2.910	64	174859	46.647	ug/L	98
9) Trichlorofluoromethane	3.245	101	165637	41.755	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	154364	42.035	ug/L #	75
12) 1,1-Dichloroethene	4.025	96	131529	43.678	ug/L	95
13) Acetone	4.123	43	56046	73.283	ug/L	98
14) Carbon disulfide	4.379	76	417284	45.116	ug/L	98
15) Methyl Acetate	4.672	43	78217	42.067	ug/L	97
16) Methylene chloride	4.909	84	163414	37.640	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	168858	45.830	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	264126	48.362	ug/L	99
19) 1,1-Dichloroethane	6.208	63	305071	43.835	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	193283	47.773	ug/L	95
22) 2-Butanone	7.171	43	111864	90.420	ug/L	98
23) Bromochloromethane	7.512	128	91875	44.126	ug/L	97
25) Chloroform	7.671	83	351539	43.654	ug/L	99
27) 1,2-Dichloroethane	8.396	62	255185	44.479	ug/L	99
29) Cyclohexane	7.951	56	275517	49.695	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	294927	43.848	ug/L	99
31) Carbon tetrachloride	8.061	117	277644	44.780	ug/L	97
33) Benzene	8.323	78	808008	46.481	ug/L	100
34) Trichloroethene	9.091	95	206415	44.841	ug/L	96
35) Methylcyclohexane	9.329	83	335782	48.002	ug/L	98
37) 1,2-Dichloropropane	9.366	63	197970	45.046	ug/L	99
38) Bromodichloromethane	9.646	83	282801	45.133	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	318844	49.796	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	288116	94.213	ug/L	98
42) Toluene	10.384	91	966327	49.145	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	305897	50.447	ug/L	96

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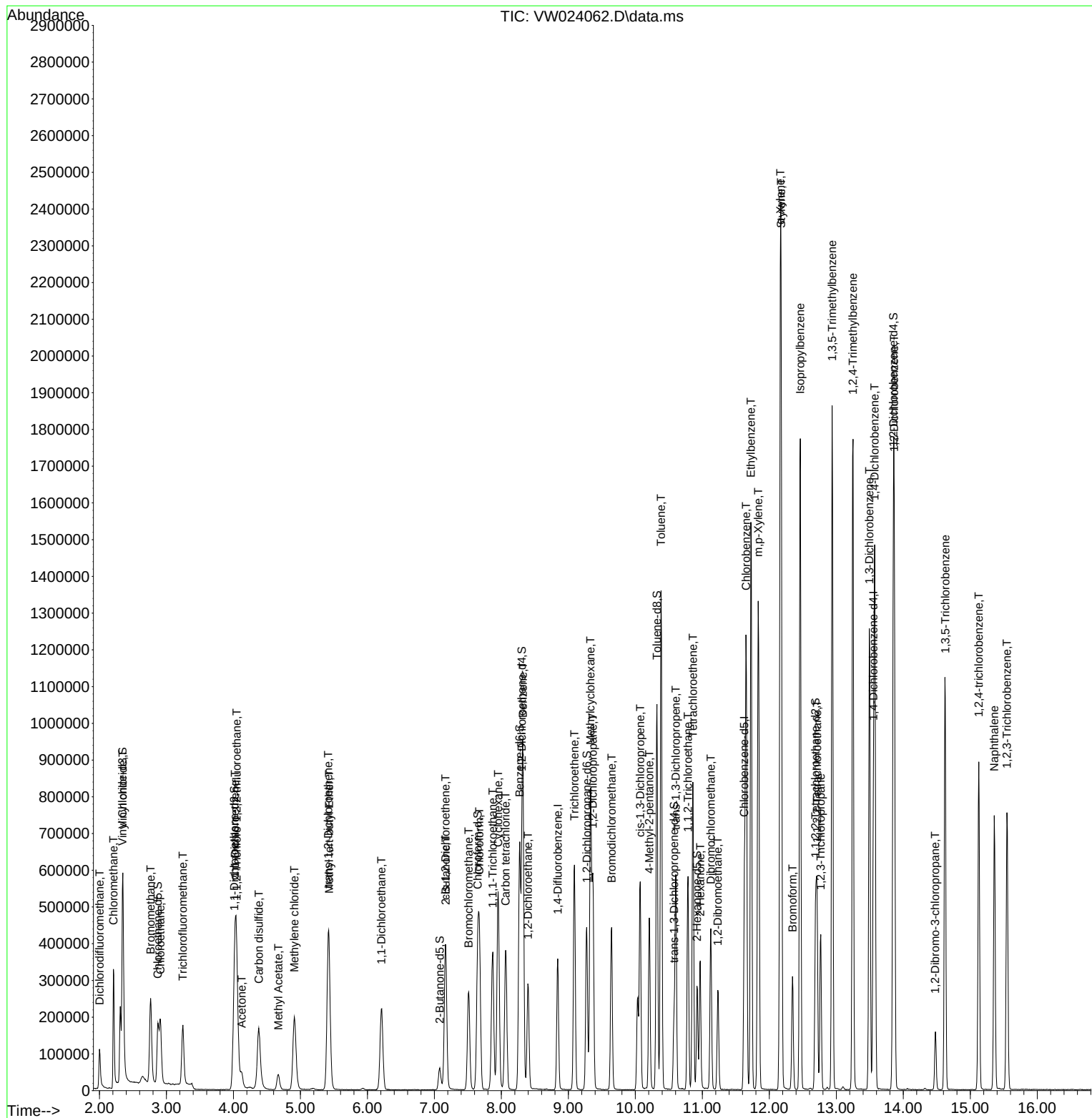
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	175362	45.676	ug/L	93
46) Tetrachloroethene	10.859	164	167015	46.357	ug/L	94
48) 2-Hexanone	10.969	43	210639	95.045	ug/L	96
49) Dibromochloromethane	11.128	129	210946	47.023	ug/L	95
50) 1,2-Dibromoethane	11.231	107	172826	45.977	ug/L #	98
51) Chlorobenzene	11.652	112	631900	47.751	ug/L	96
52) Ethylbenzene	11.725	91	1080537	49.865	ug/L	96
53) m,p-Xylene	11.835	106	426343	50.690	ug/L	96
54) o-Xylene	12.164	106	426332	53.004	ug/L	95
55) Styrene	12.176	104	752239	52.204	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	237013	44.543	ug/L	99
59) Bromoform	12.347	173	126427	46.701	ug/L	96
60) Isopropylbenzene	12.463	105	1123356	50.639	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	167423	42.530	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	960468	53.816	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	954002	52.813	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	507484	47.831	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	511153	45.383	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	477991	48.163	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.475	75	38296	43.538	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	319815	47.268	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	256401	50.013	ug/L	96
71) Naphthalene	15.359	128	603075	54.974	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	241730	50.127	ug/L	96

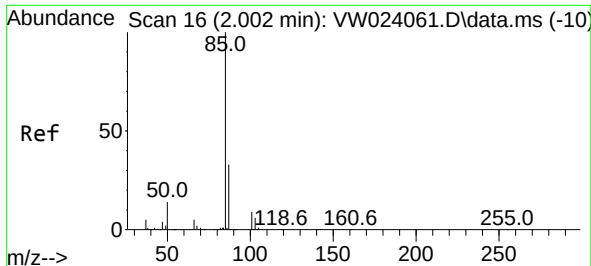
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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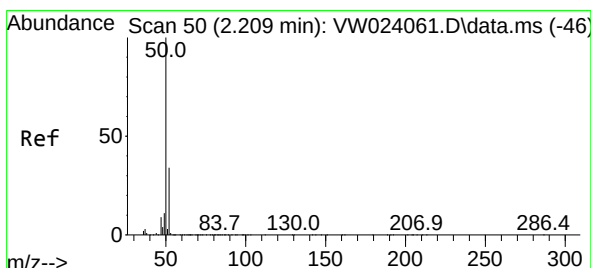
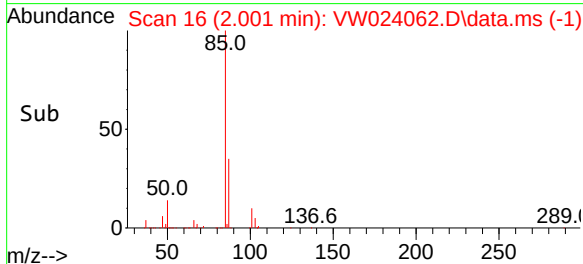
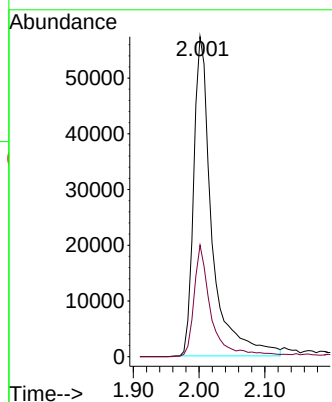
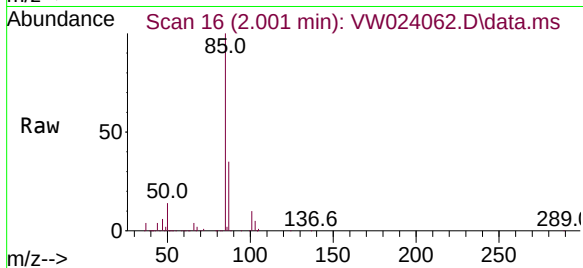




#2
Dichlorodifluoromethane
Concen: 51.602 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

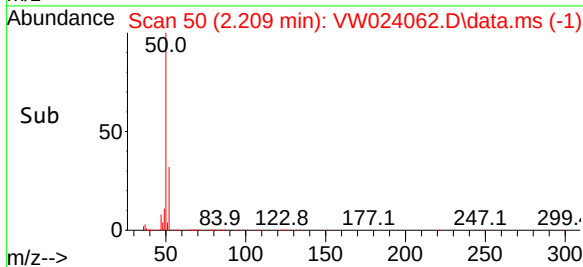
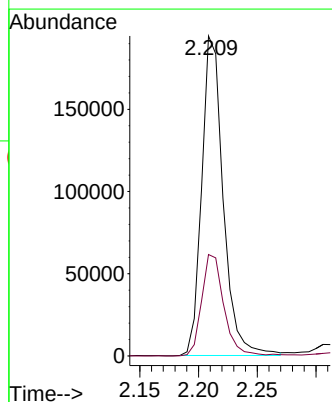
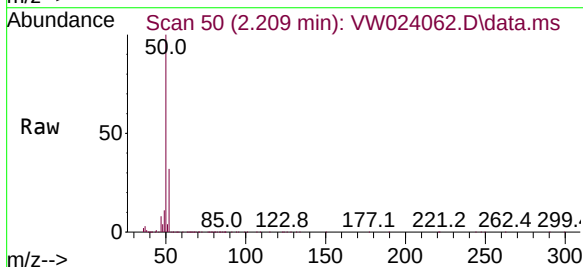
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

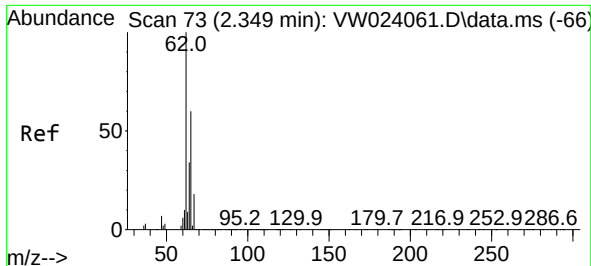
Tgt Ion: 85 Resp: 110287
Ion Ratio Lower Upper
85 100
87 30.2 24.2 36.2



#3
Chloromethane
Concen: 45.324 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 50 Resp: 247791
Ion Ratio Lower Upper
50 100
52 31.7 23.9 44.5

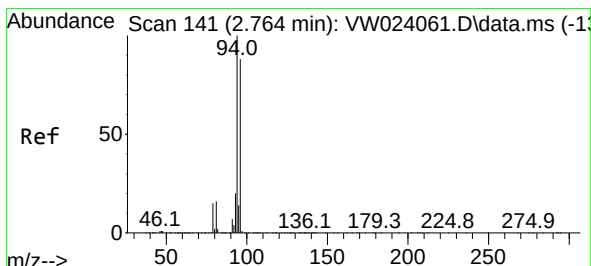
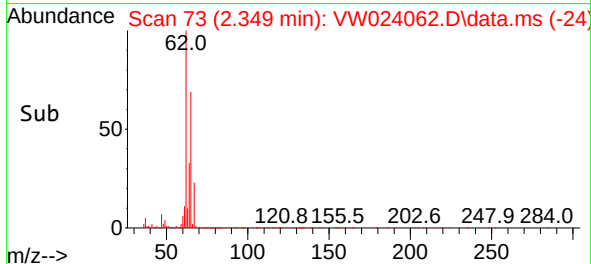
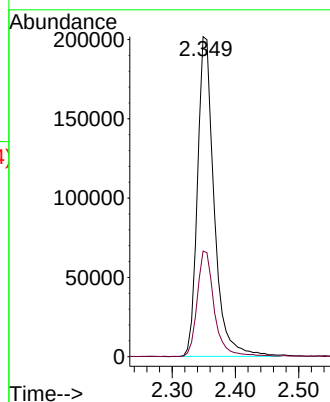
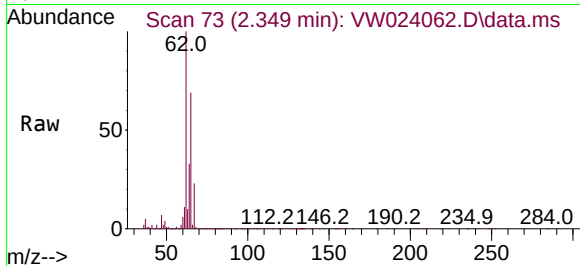




#5
 Vinyl chloride
 Concen: 43.488 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

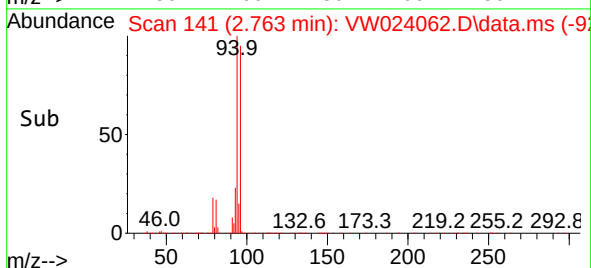
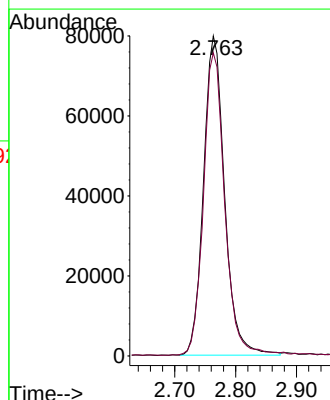
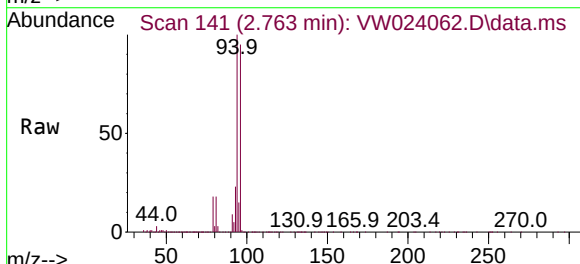
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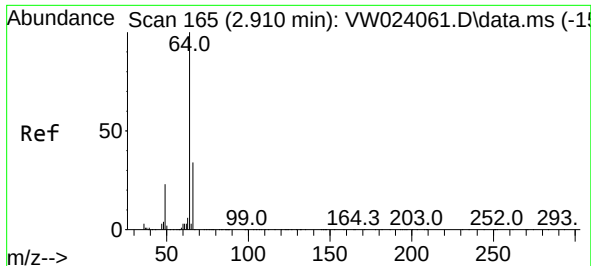
Tgt Ion: 62 Resp: 370571
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.9 44.3



#6
 Bromomethane
 Concen: 40.797 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

Tgt Ion: 94 Resp: 191985
 Ion Ratio Lower Upper
 94 100
 96 94.7 61.9 114.9

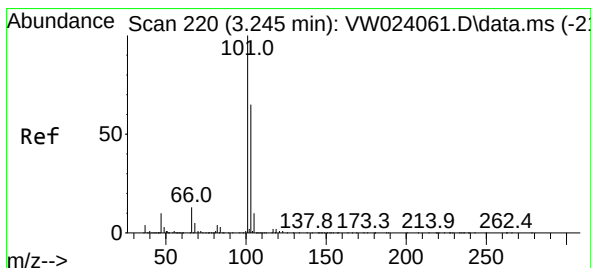
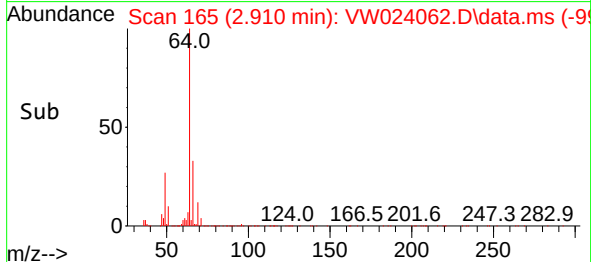
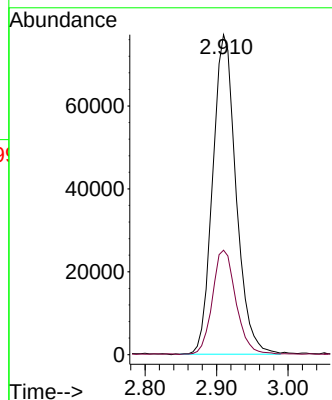
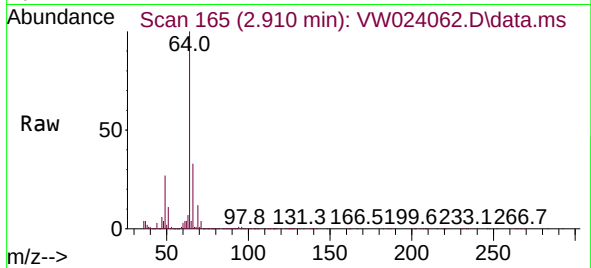




#8
Chloroethane
Concen: 46.647 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

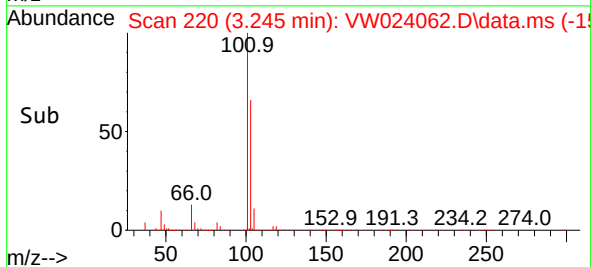
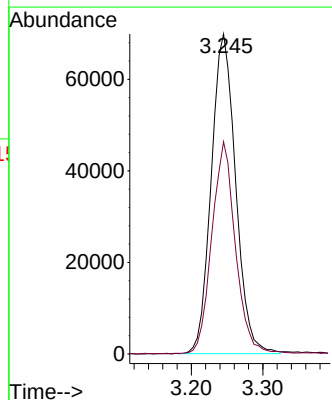
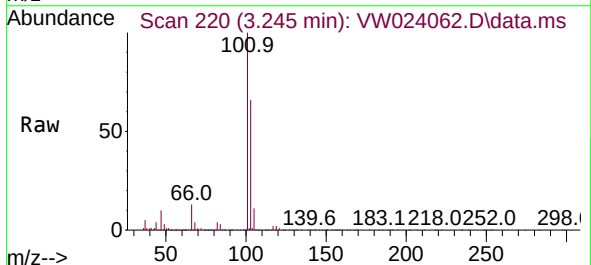
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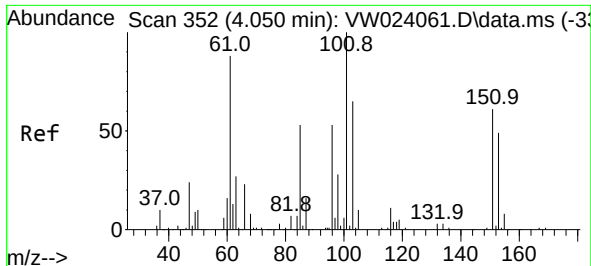
Tgt Ion: 64 Resp: 174859
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.3



#9
Trichlorofluoromethane
Concen: 41.755 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 101 Resp: 165637
Ion Ratio Lower Upper
101 100
103 63.4 52.4 78.6

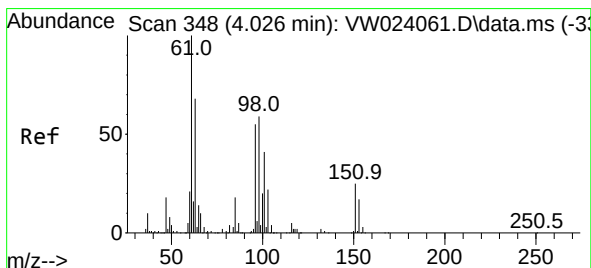
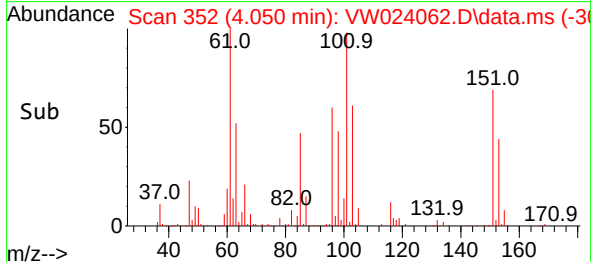
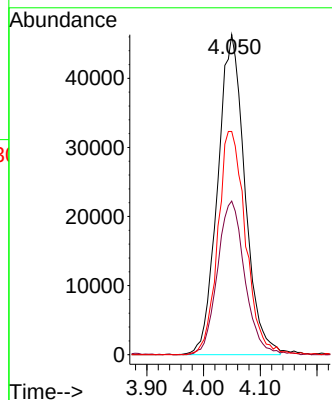
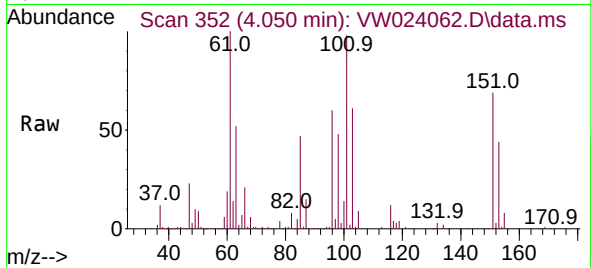




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.035 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

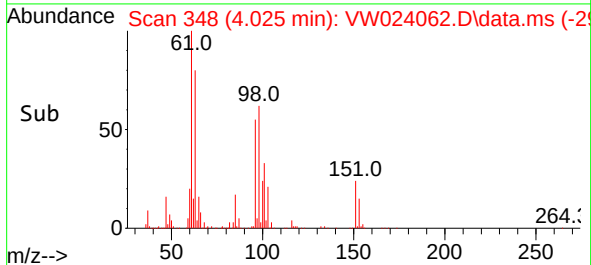
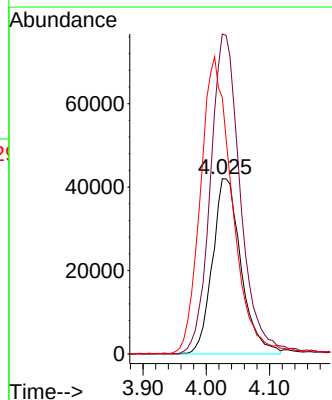
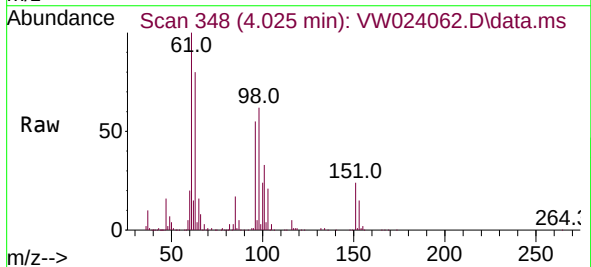
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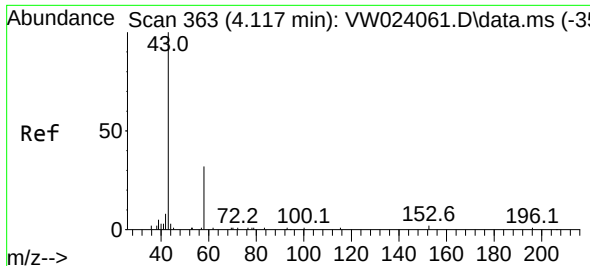
Tgt Ion:101 Resp: 154364
 Ion Ratio Lower Upper
 101 100
 85 48.2 39.8 59.8
 151 70.9 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 43.678 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

Tgt Ion: 96 Resp: 131529
 Ion Ratio Lower Upper
 96 100
 61 182.6 128.4 238.4
 63 146.4 93.1 172.9

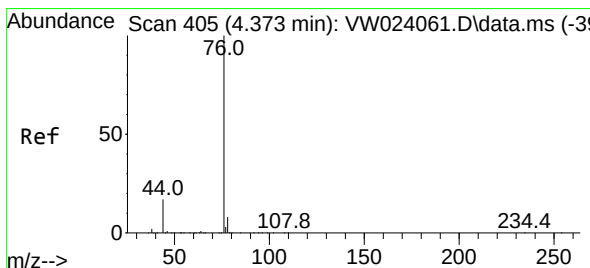
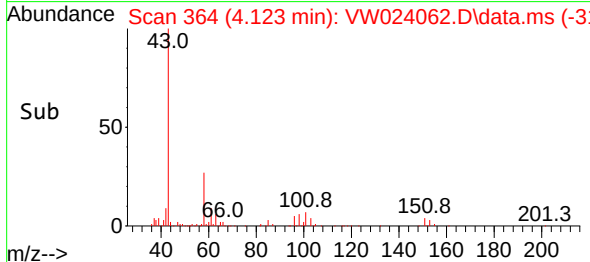
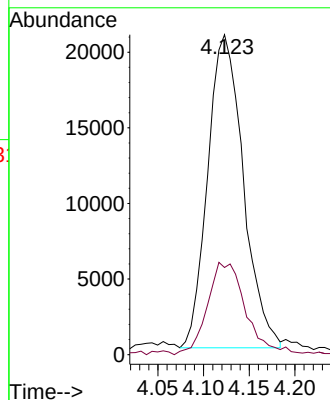
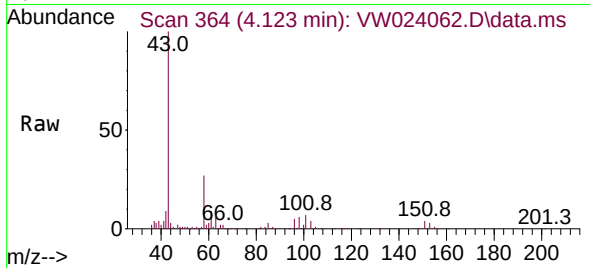




#13
Acetone
Concen: 73.283 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

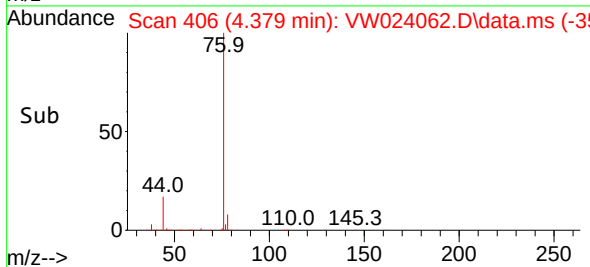
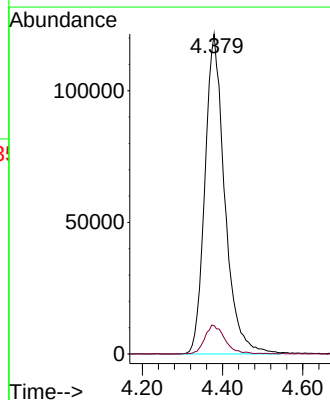
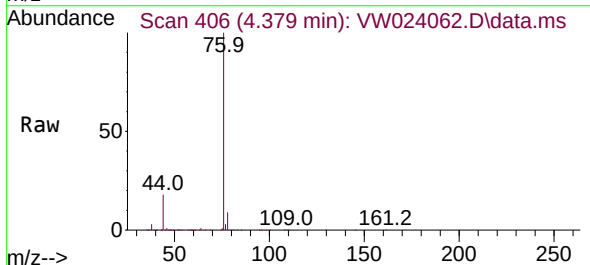
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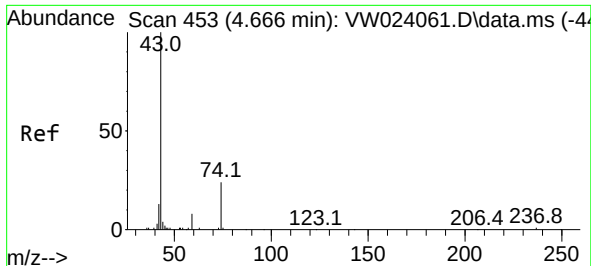
Tgt Ion: 43 Resp: 56046
Ion Ratio Lower Upper
43 100
58 31.1 0.0 60.0



#14
Carbon disulfide
Concen: 45.116 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 76 Resp: 417284
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0

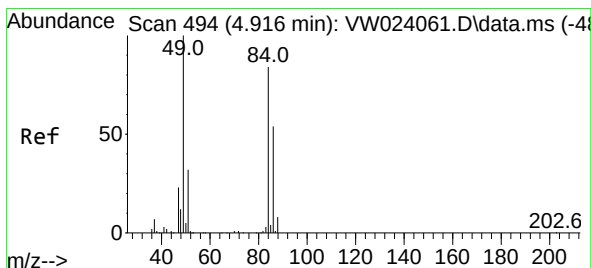
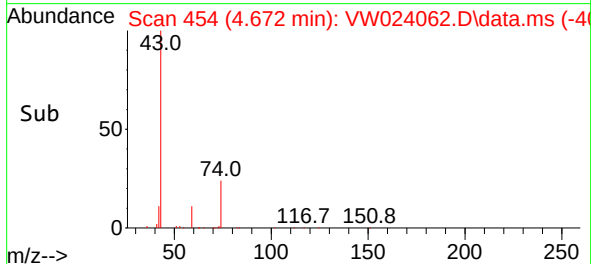
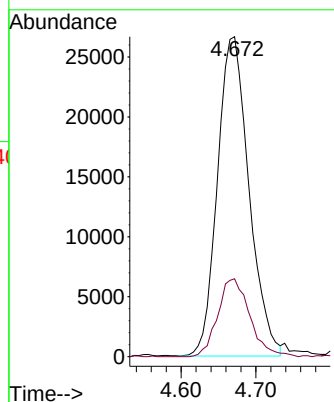
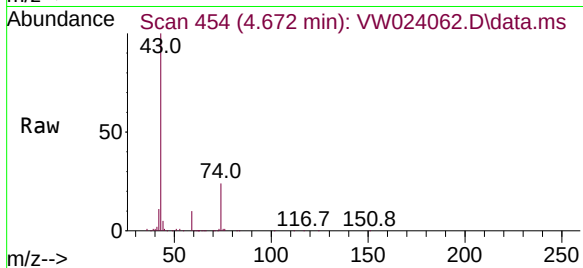




#15
Methyl Acetate
Concen: 42.067 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

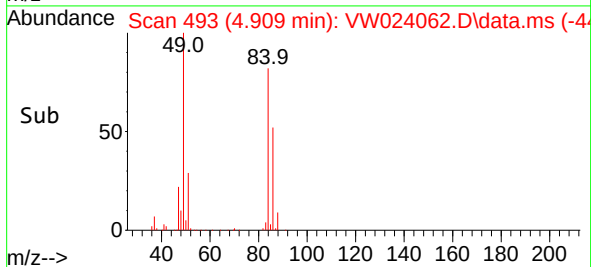
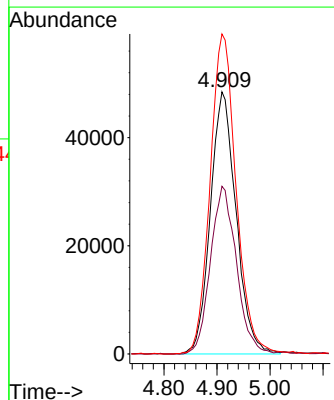
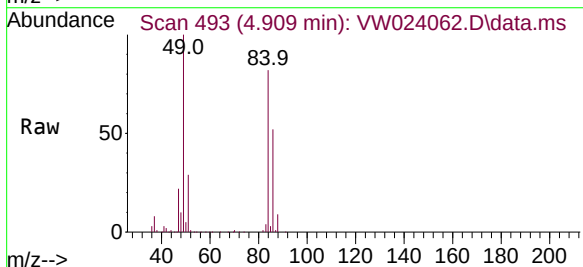
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

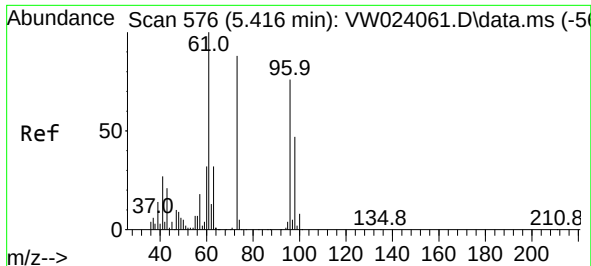
Tgt Ion: 43 Resp: 78217
Ion Ratio Lower Upper
43 100
74 24.8 21.1 31.7



#16
Methylene chloride
Concen: 37.640 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 84 Resp: 163414
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 122.1 83.7 155.4

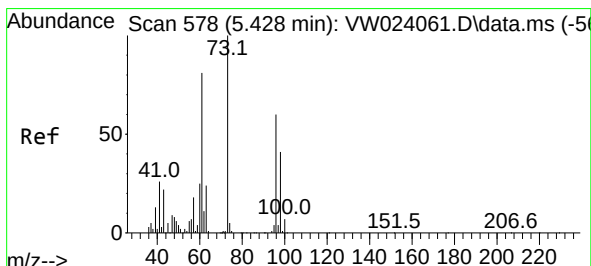
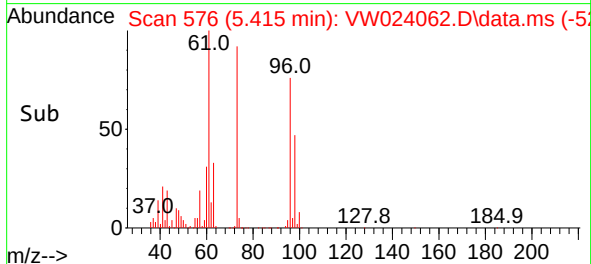
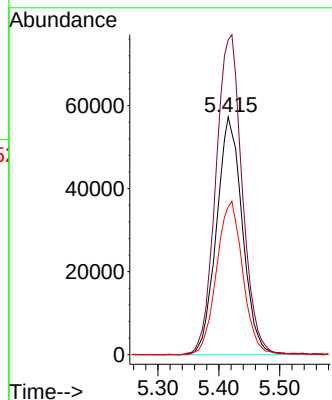
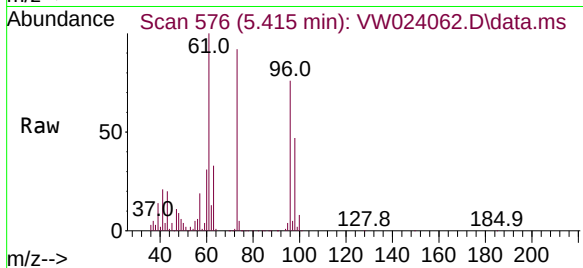




#17
trans-1,2-Dichloroethene
Concen: 45.830 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

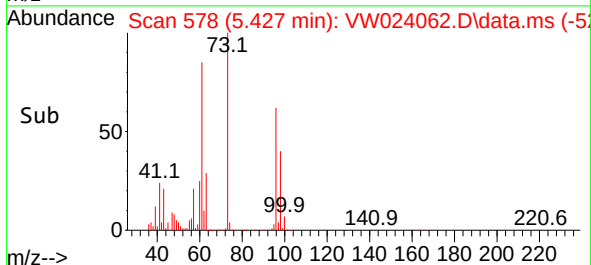
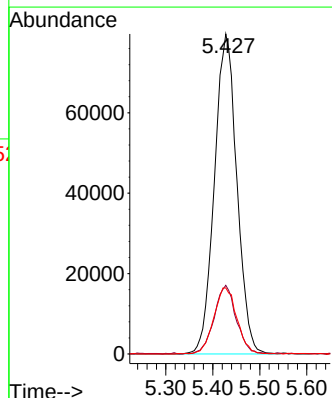
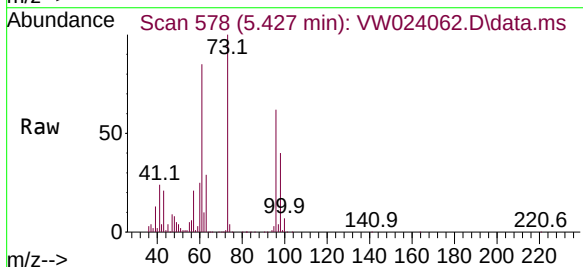
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

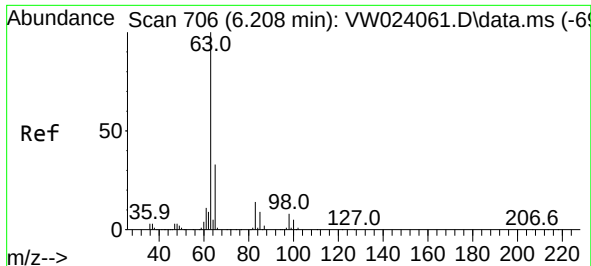
Tgt Ion: 96 Resp: 168858
Ion Ratio Lower Upper
96 100
61 132.4 92.7 172.1
98 62.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 48.362 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 73 Resp: 264126
Ion Ratio Lower Upper
73 100
43 20.9 17.3 25.9
57 21.1 16.6 25.0





#19

1,1-Dichloroethane

Concen: 43.835 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

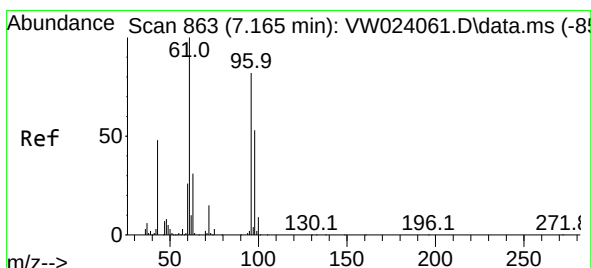
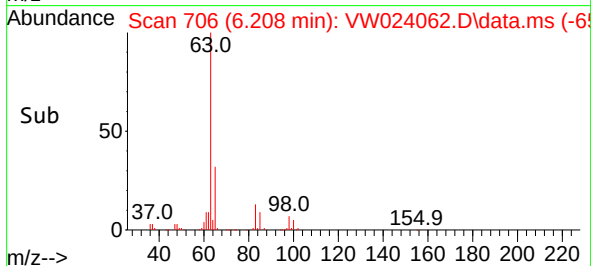
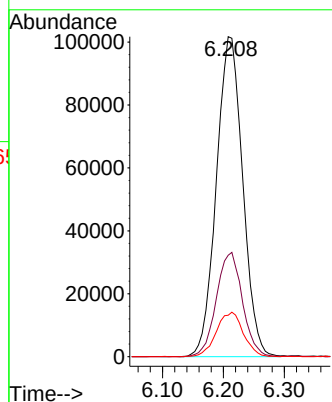
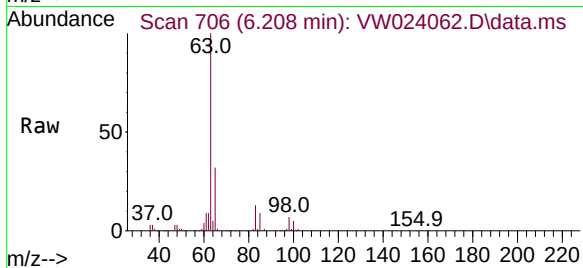
Tgt Ion: 63 Resp: 305071

Ion Ratio Lower Upper

63 100

65 31.7 23.4 43.4

83 12.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 47.773 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

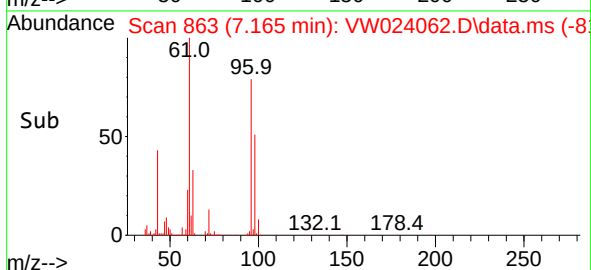
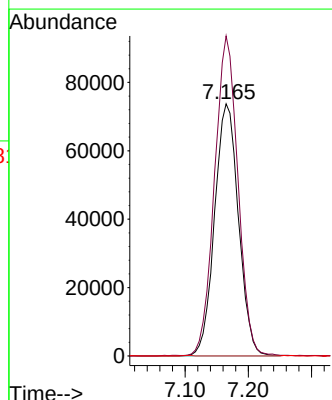
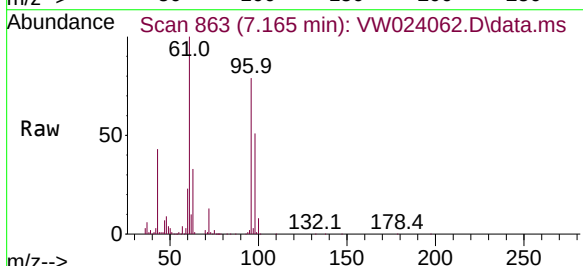
Tgt Ion: 96 Resp: 193283

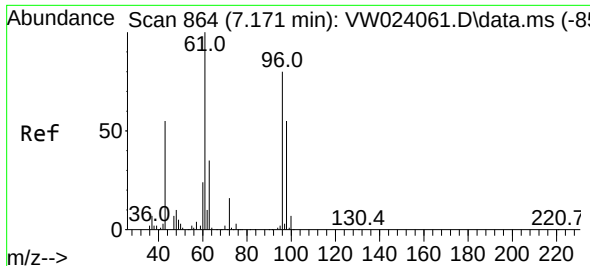
Ion Ratio Lower Upper

96 100

61 126.9 85.3 158.3

68 0.0 0.0 0.0

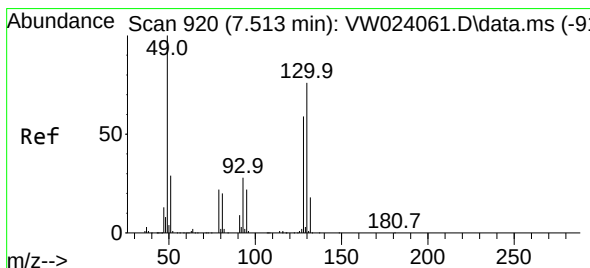
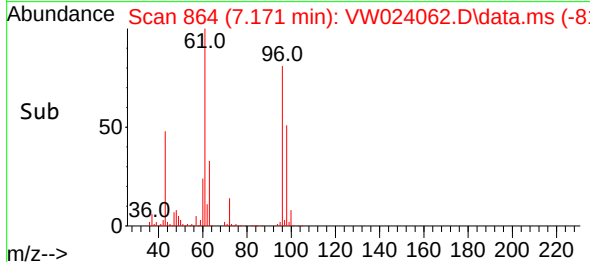
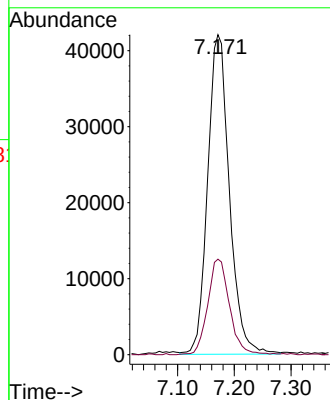
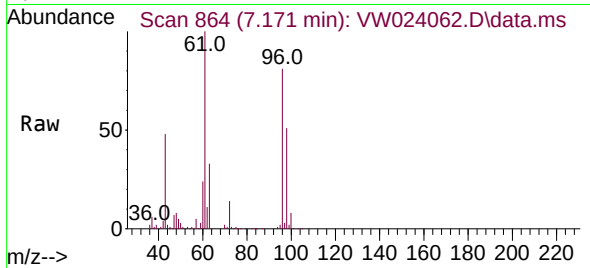




#22
2-Butanone
Concen: 90.420 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

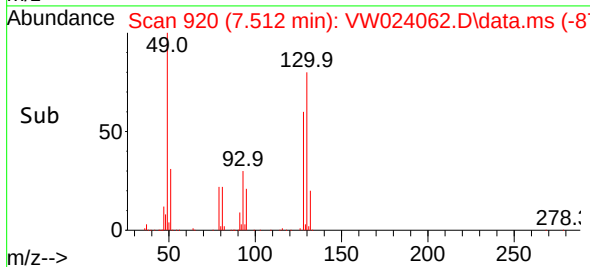
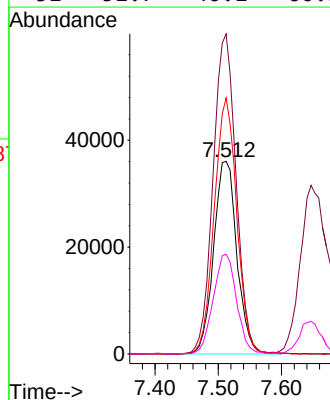
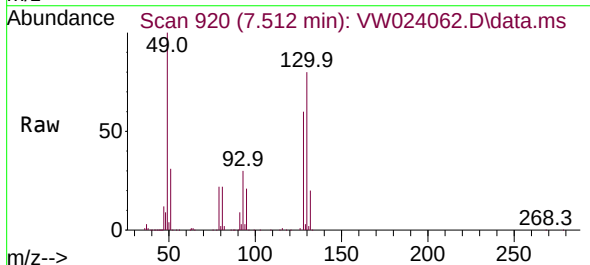
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

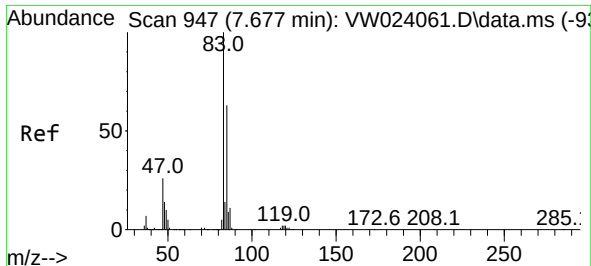
Tgt Ion: 43 Resp: 111864
Ion Ratio Lower Upper
43 100
72 29.0 15.0 45.0



#23
Bromochloromethane
Concen: 44.126 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 128 Resp: 91875
Ion Ratio Lower Upper
128 100
49 166.2 119.8 222.4
130 133.0 90.7 168.5
51 51.7 40.1 60.1

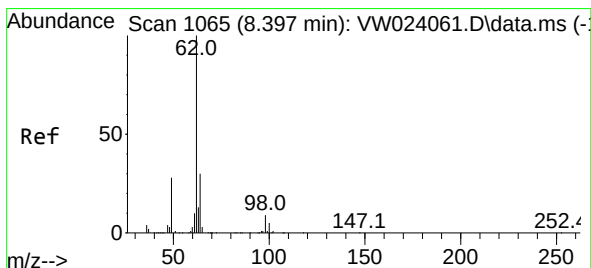
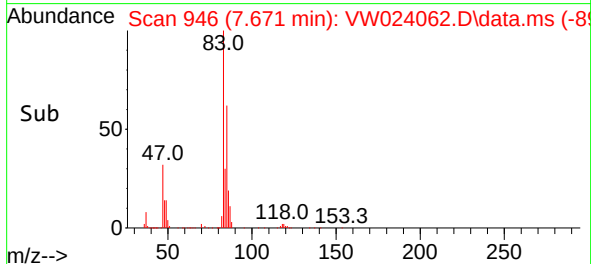
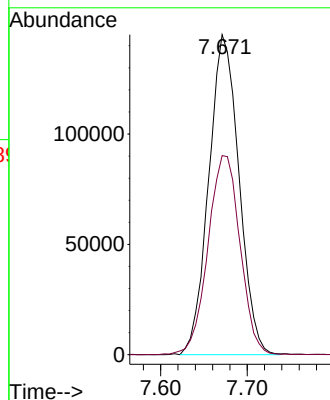
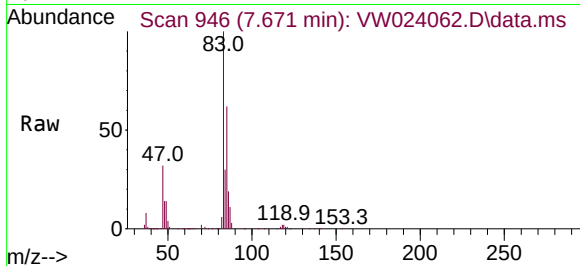




#25
Chloroform
Concen: 43.654 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

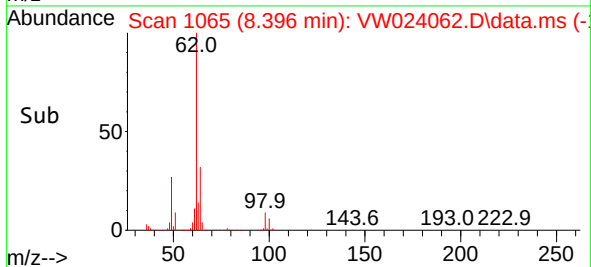
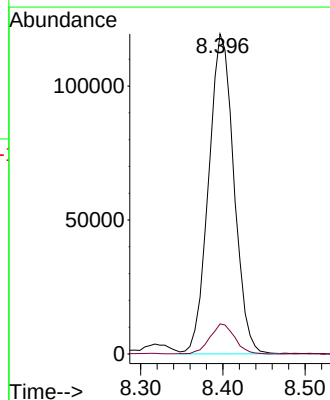
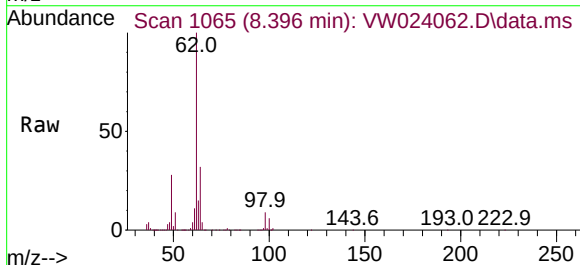
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

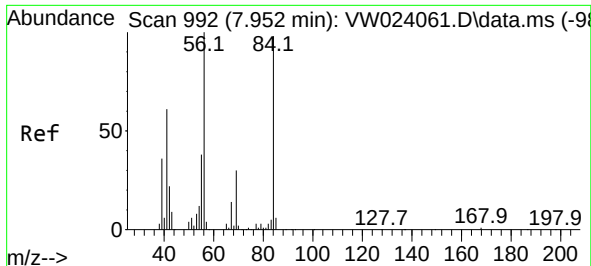
Tgt Ion: 83 Resp: 351539
Ion Ratio Lower Upper
83 100
85 62.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 44.479 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 62 Resp: 255185
Ion Ratio Lower Upper
62 100
98 9.4 7.1 10.7

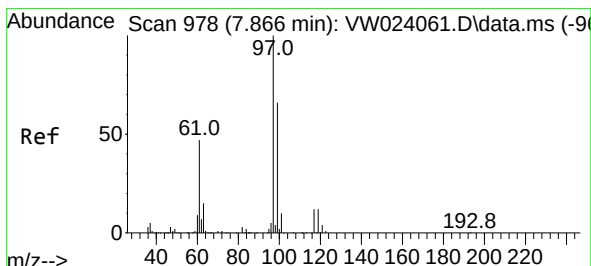
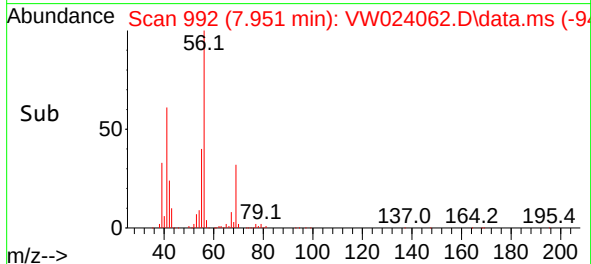
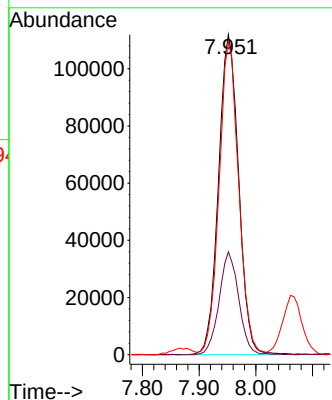
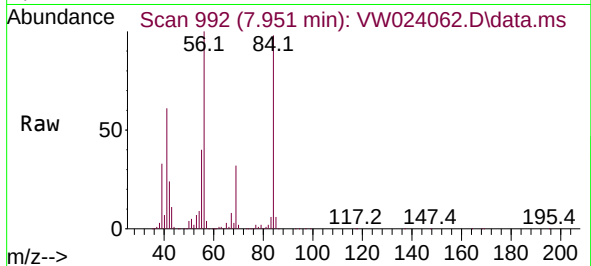




#29
Cyclohexane
Concen: 49.695 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

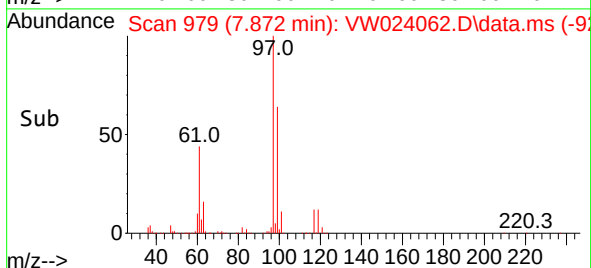
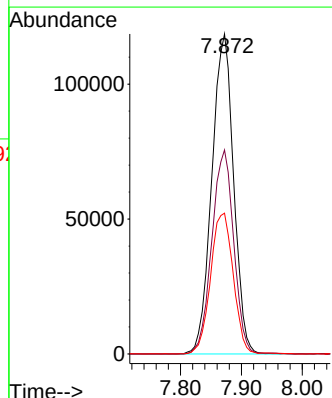
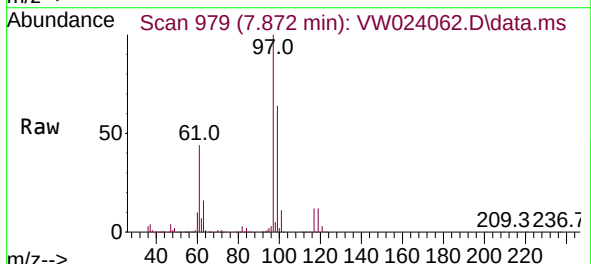
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

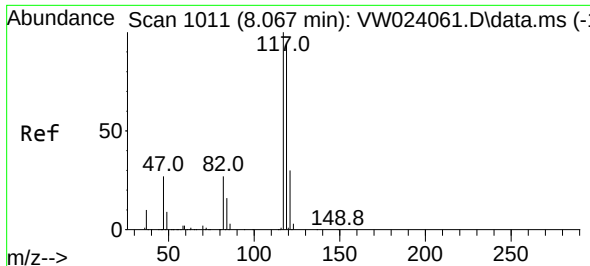
Tgt Ion: 56 Resp: 275517
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 95.4 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 43.848 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 97 Resp: 294927
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 45.7 37.8 56.6

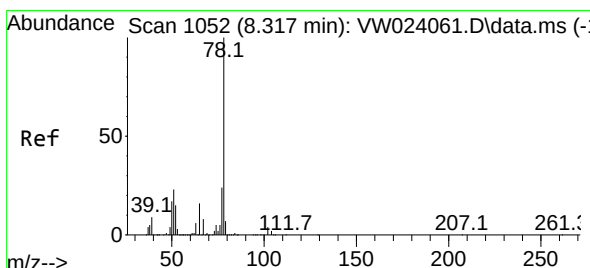
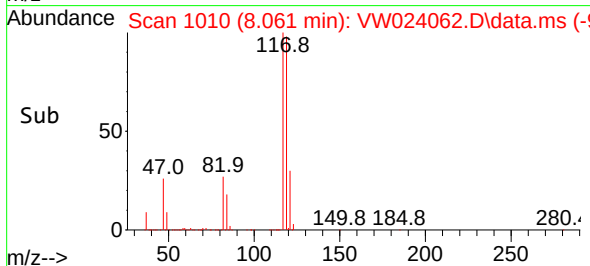
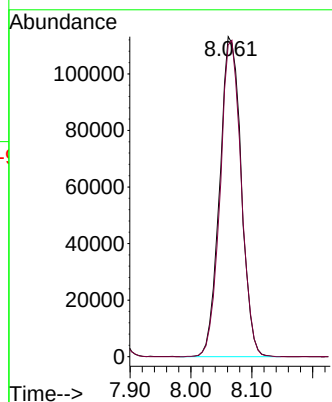
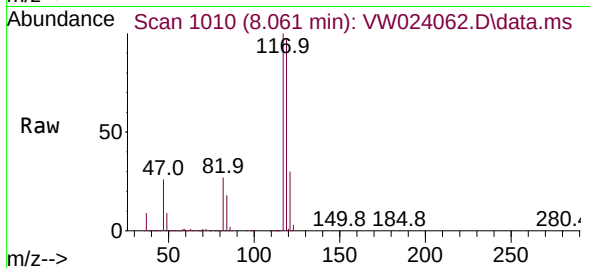




#31
Carbon tetrachloride
Concen: 44.780 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

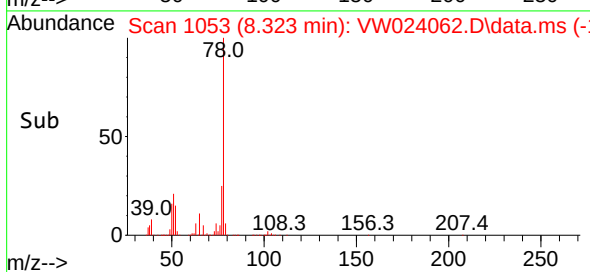
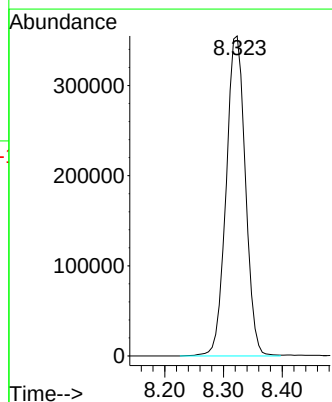
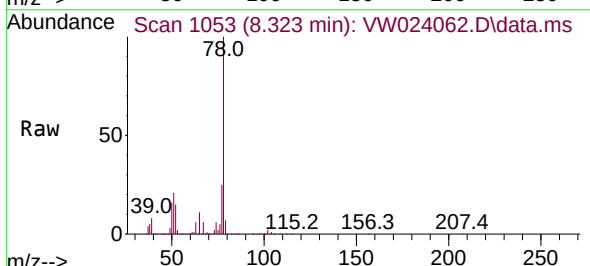
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

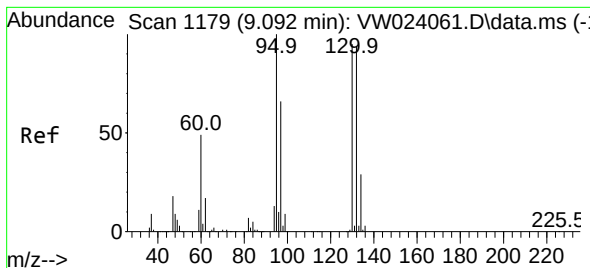
Tgt Ion:117 Resp: 277644
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.4



#33
Benzene
Concen: 46.481 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 78 Resp: 808008





#34

Trichloroethene

Concen: 44.841 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

Tgt Ion: 95 Resp: 206415

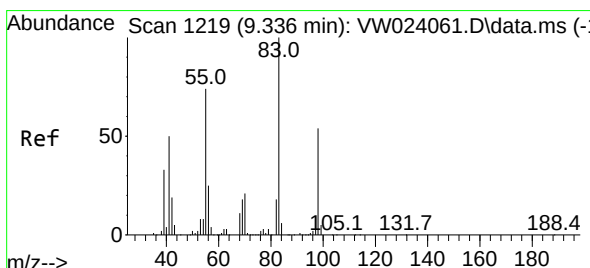
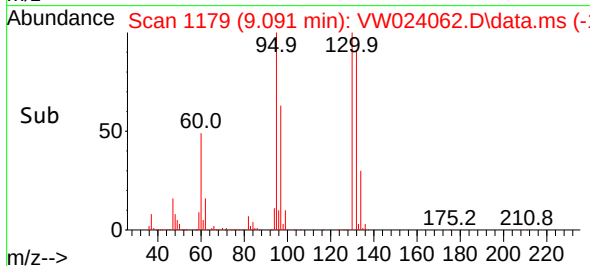
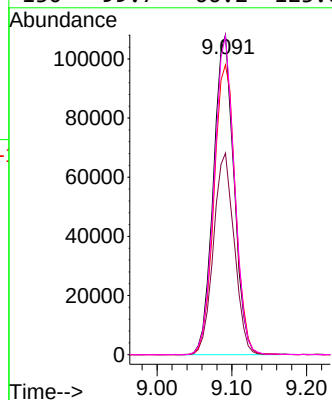
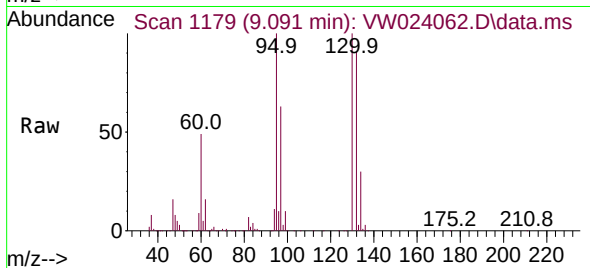
Ion Ratio Lower Upper

95 100

97 63.0 46.5 86.3

132 90.6 65.8 122.2

130 99.7 66.2 123.0



#35

Methylcyclohexane

Concen: 48.002 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

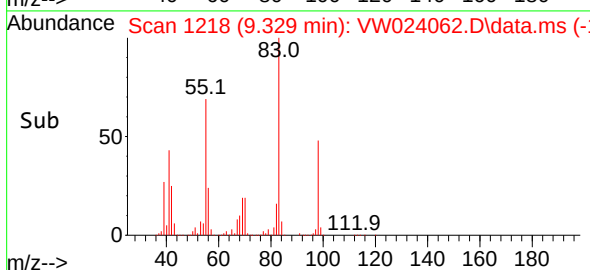
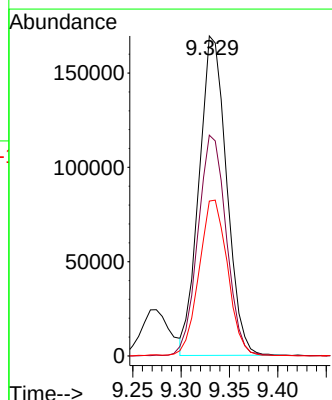
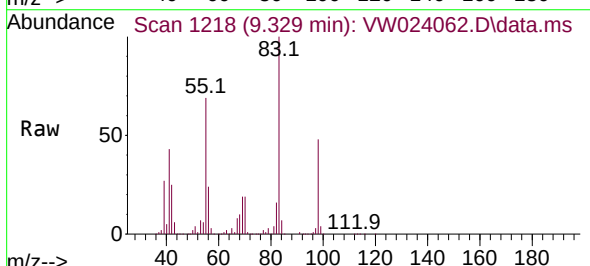
Tgt Ion: 83 Resp: 335782

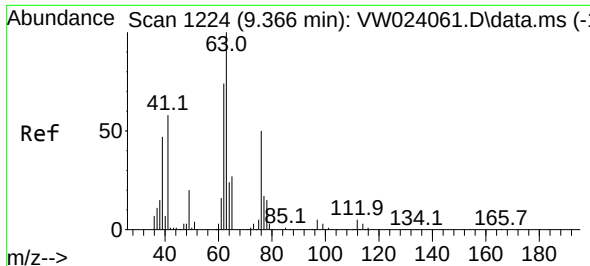
Ion Ratio Lower Upper

83 100

55 70.8 57.3 85.9

98 50.8 38.9 58.3





#37

1,2-Dichloropropane

Concen: 45.046 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

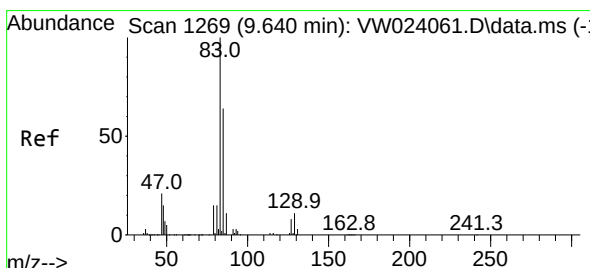
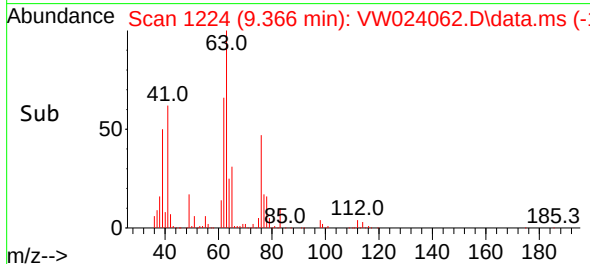
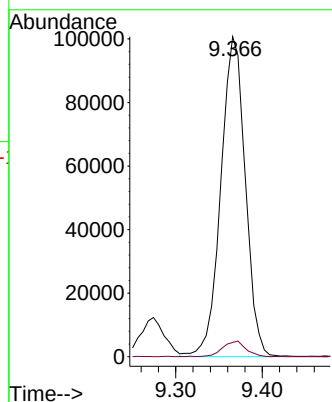
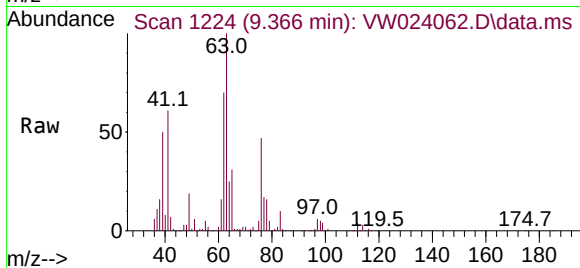
VSTD050459

Tgt Ion: 63 Resp: 197970

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 45.133 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

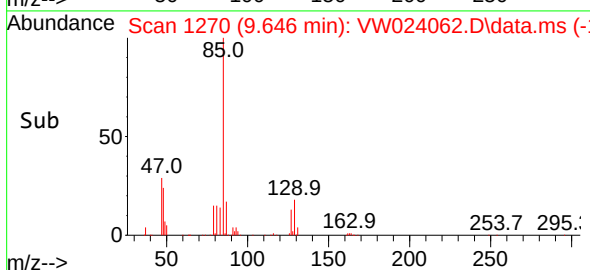
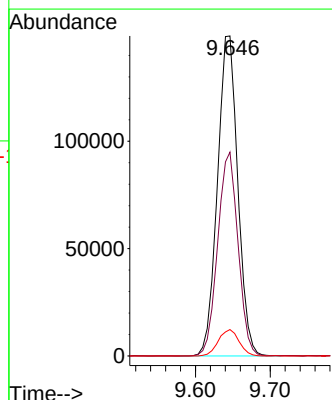
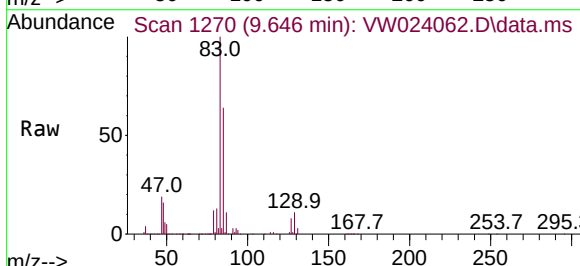
Tgt Ion: 83 Resp: 282801

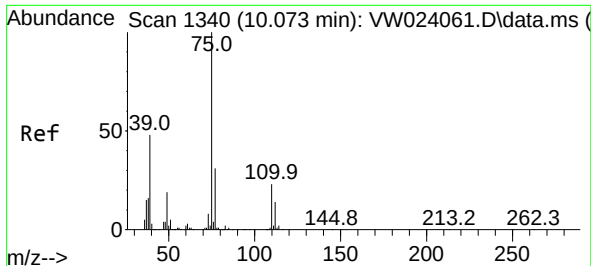
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 8.3 6.4 9.6

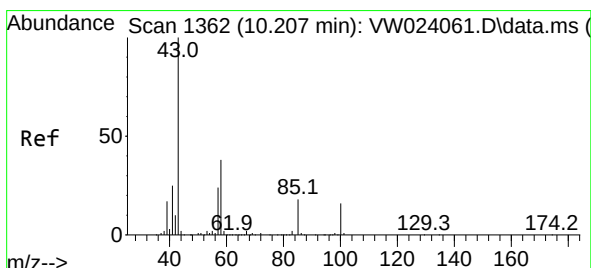
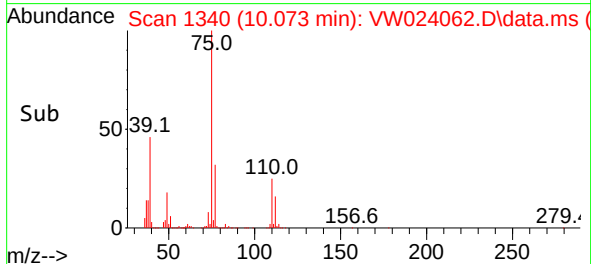
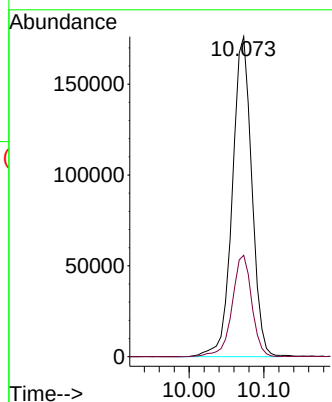
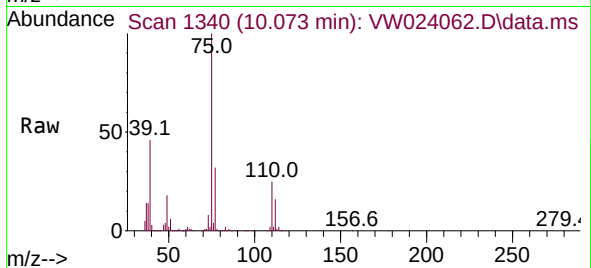




#39
 cis-1,3-Dichloropropene
 Concen: 49.796 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

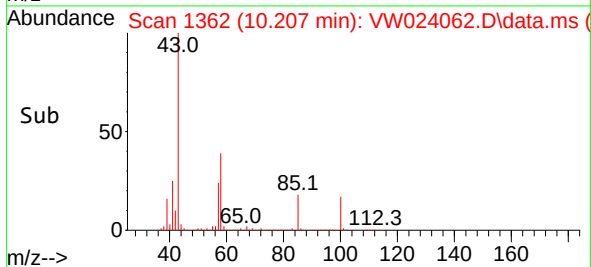
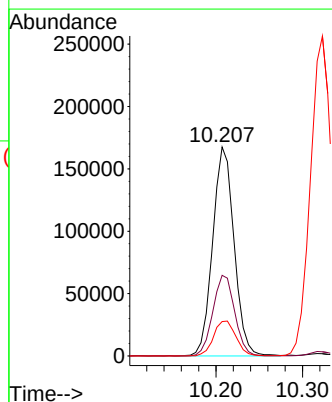
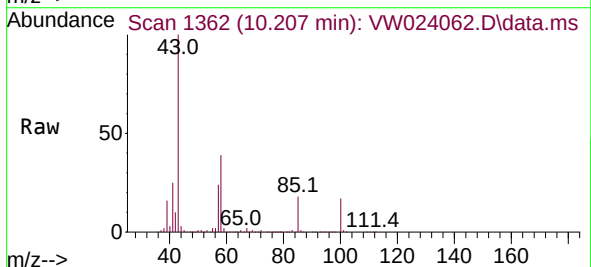
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050459

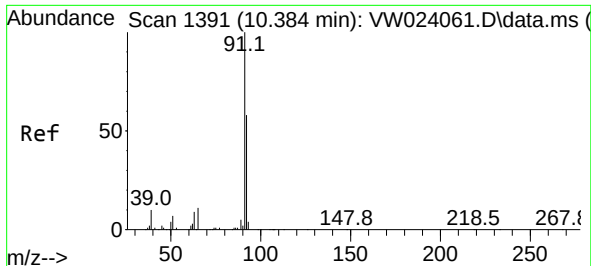
Tgt Ion: 75 Resp: 318844
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 94.213 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

Tgt Ion: 43 Resp: 288116
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.8 46.2
 100 17.3 13.0 19.6

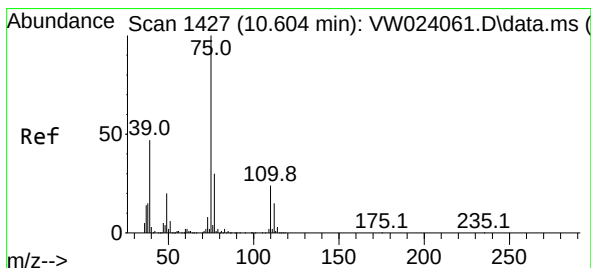
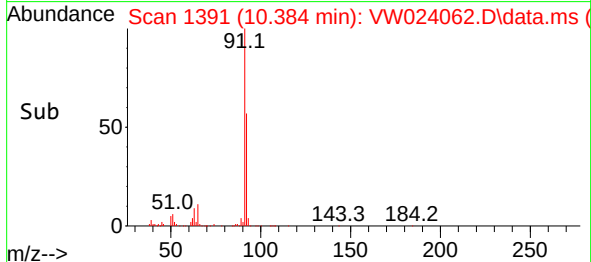
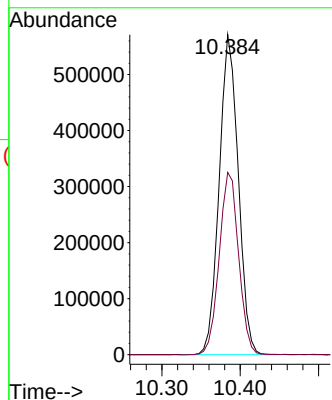
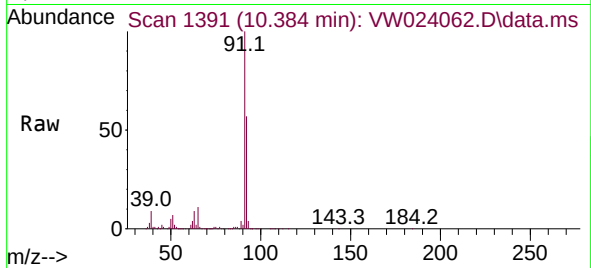




#42
Toluene
Concen: 49.145 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

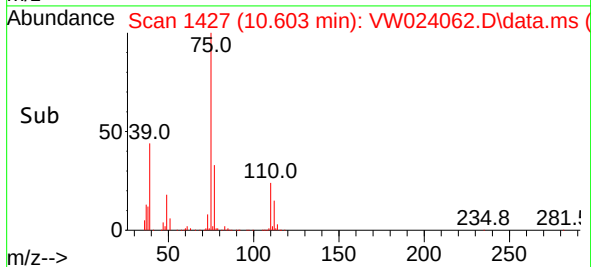
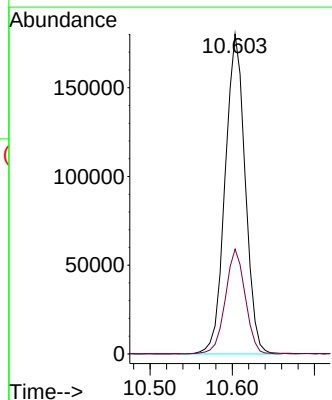
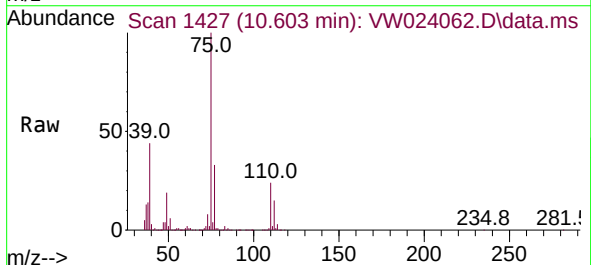
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

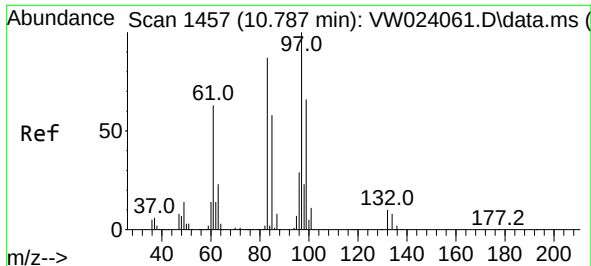
Tgt Ion: 91 Resp: 966327
Ion Ratio Lower Upper
91 100
92 56.9 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 50.447 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 75 Resp: 305897
Ion Ratio Lower Upper
75 100
77 32.8 21.3 39.6



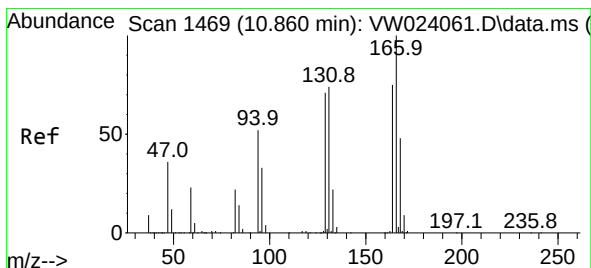
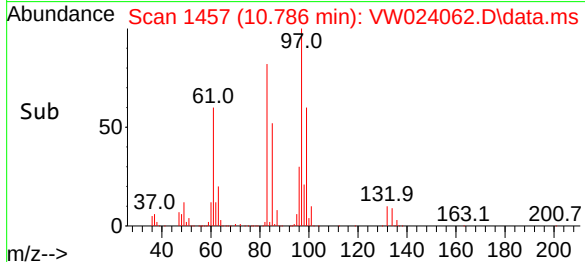
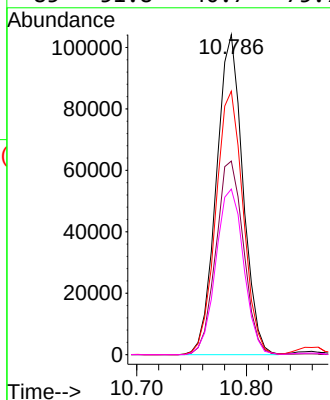
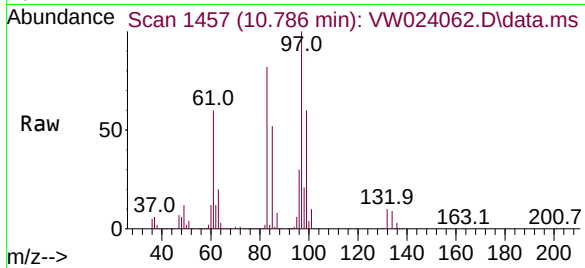


#45
1,1,2-Trichloroethane
Concen: 45.676 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

Tgt Ion: 97 Resp: 175362

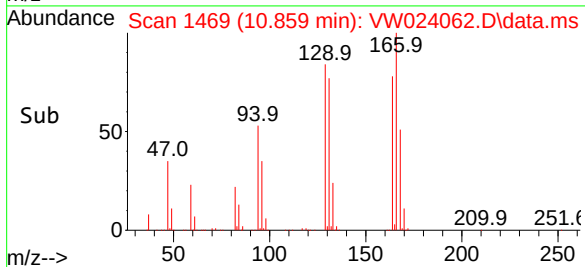
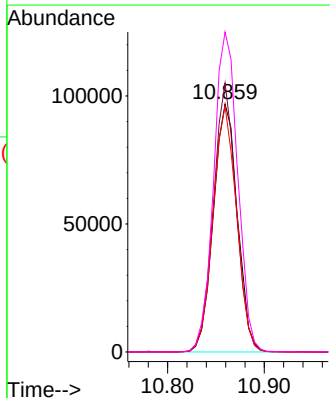
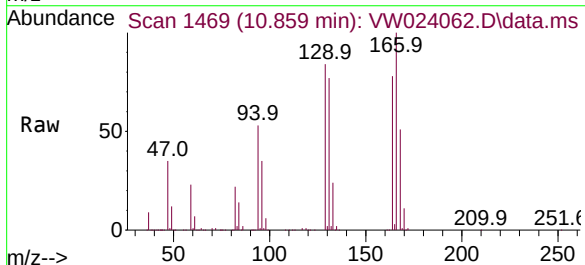
Ion	Ratio	Lower	Upper
97	100		
99	60.5	46.2	85.8
83	82.4	61.2	113.6
85	51.8	40.7	75.7

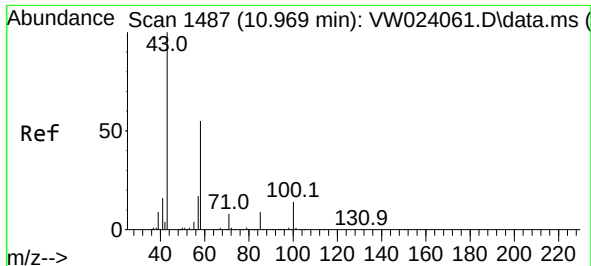


#46
Tetrachloroethene
Concen: 46.357 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 164 Resp: 167015

Ion	Ratio	Lower	Upper
164	100		
129	108.5	65.7	122.1
131	99.0	69.2	128.4
166	129.0	92.8	172.4

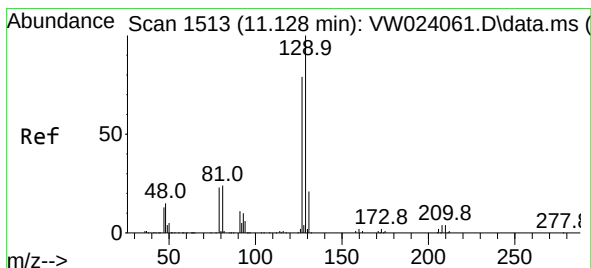
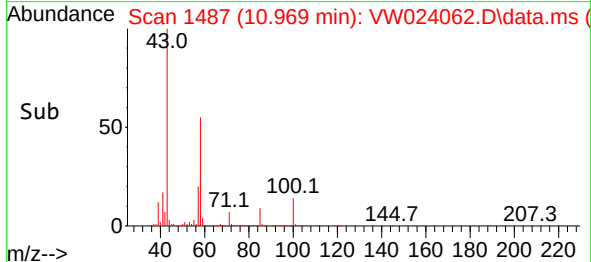
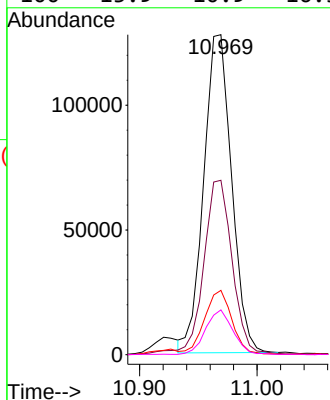
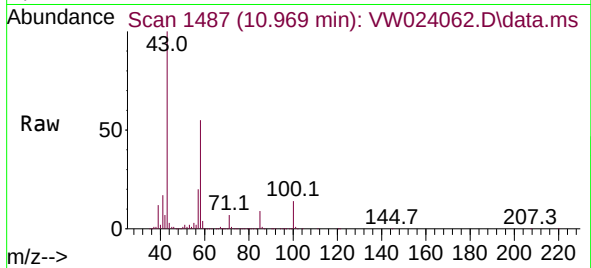




#48
2-Hexanone
Concen: 95.045 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

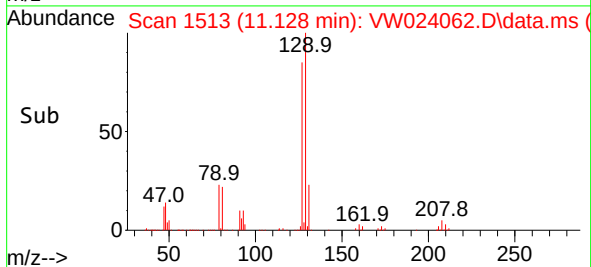
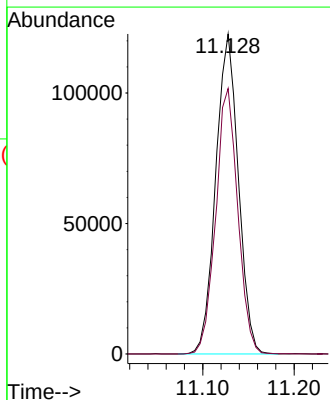
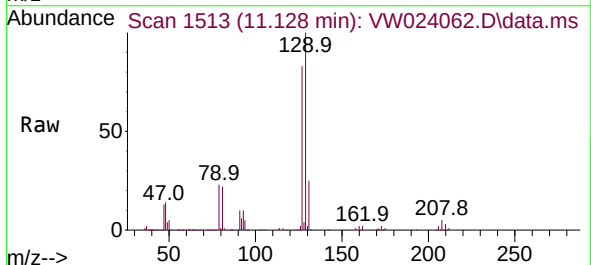
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

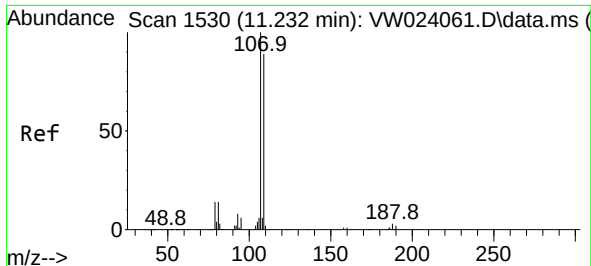
Tgt Ion: 43 Resp: 210639
Ion Ratio Lower Upper
43 100
58 54.9 41.0 61.6
57 20.0 14.5 21.7
100 13.9 10.9 16.3



#49
Dibromochloromethane
Concen: 47.023 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion: 129 Resp: 210946
Ion Ratio Lower Upper
129 100
127 82.9 55.0 102.2





#50

1,2-Dibromoethane

Concen: 45.977 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

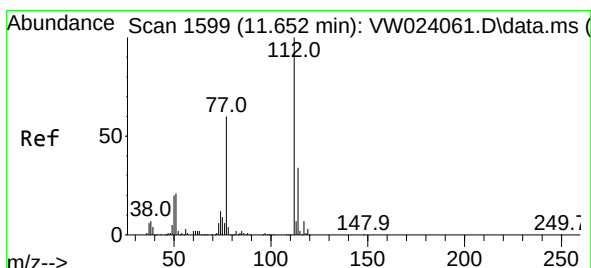
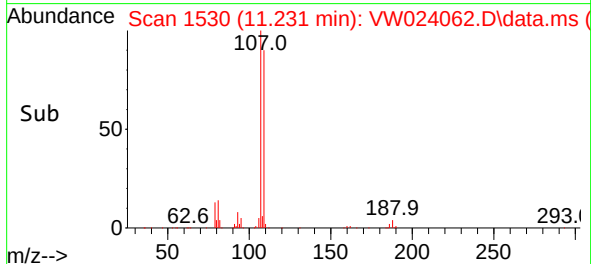
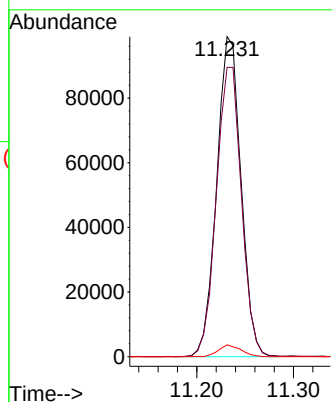
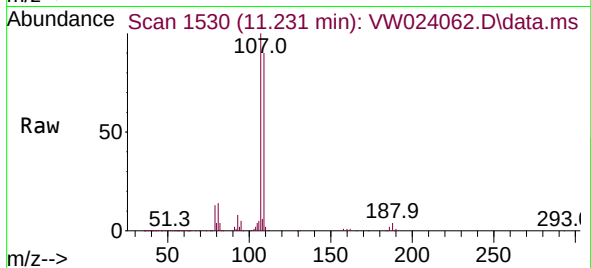
Tgt Ion:107 Resp: 172826

Ion Ratio Lower Upper

107 100

109 90.4 62.2 115.6

188 3.7 2.2 3.2#



#51

Chlorobenzene

Concen: 47.751 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

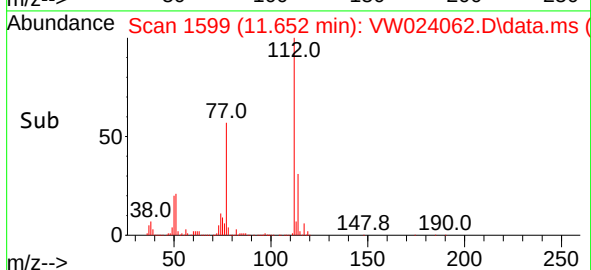
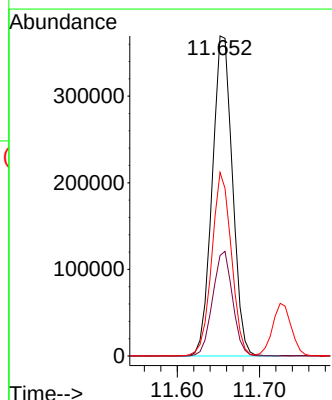
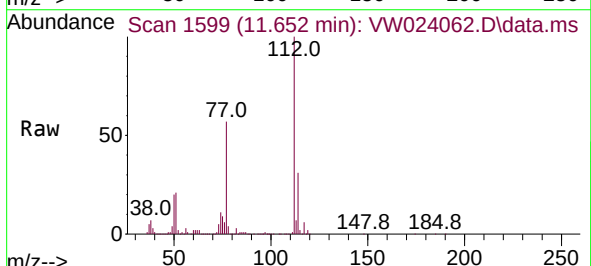
Tgt Ion:112 Resp: 631900

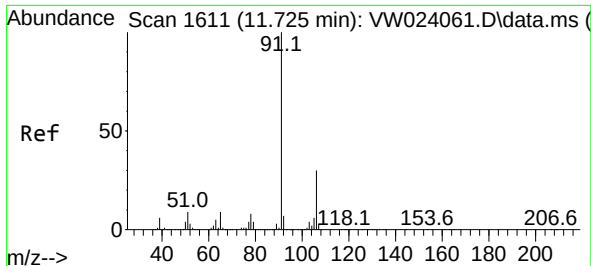
Ion Ratio Lower Upper

112 100

114 31.4 23.7 43.9

77 57.4 48.2 72.2





#52

Ethylbenzene

Concen: 49.865 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

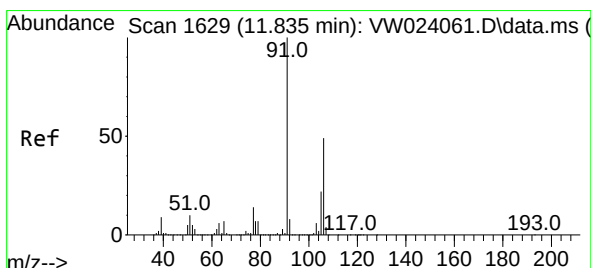
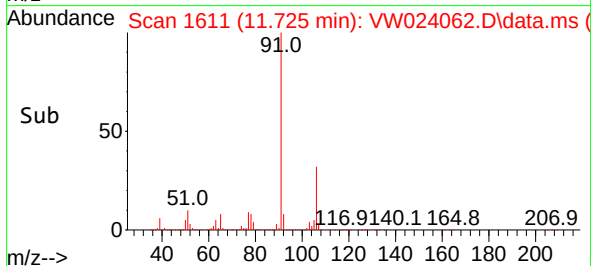
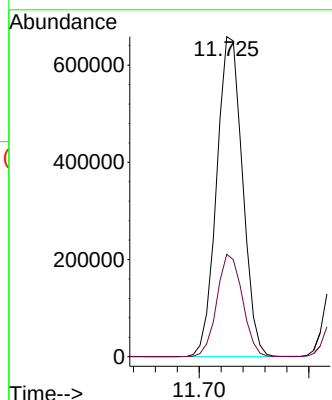
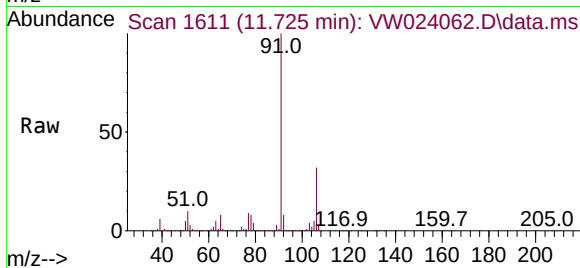
VSTD050459

Tgt Ion: 91 Resp: 1080537

Ion Ratio Lower Upper

91 100

106 32.0 21.0 39.0



#53

m,p-Xylene

Concen: 50.690 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024062.D

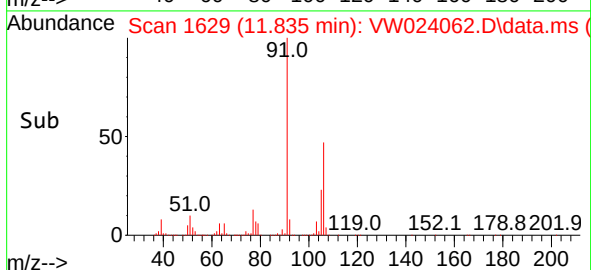
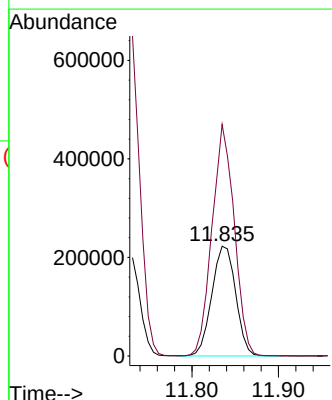
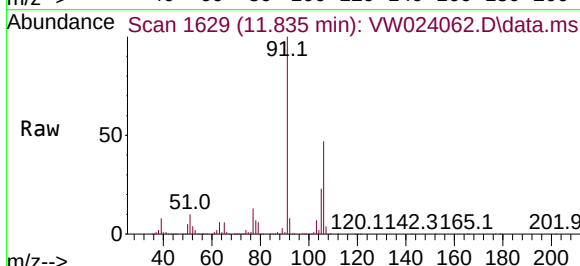
Acq: 25 Jul 2022 09:45

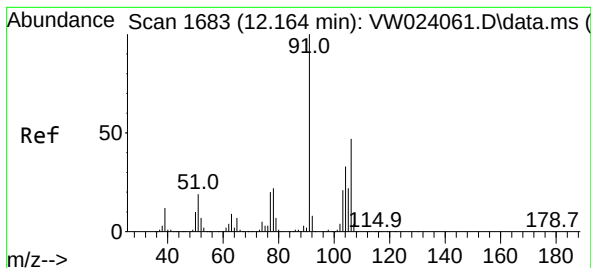
Tgt Ion:106 Resp: 426343

Ion Ratio Lower Upper

106 100

91 210.9 142.9 265.3





#54

o-Xylene

Concen: 53.004 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

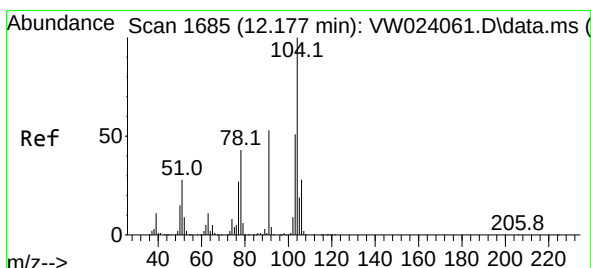
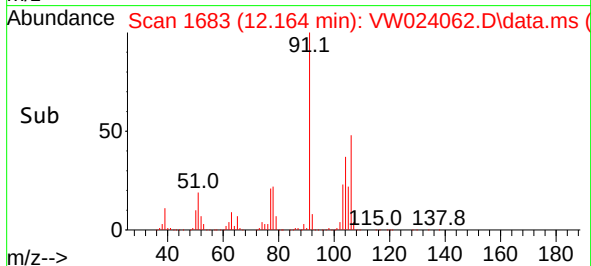
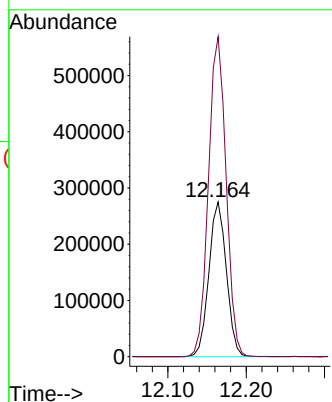
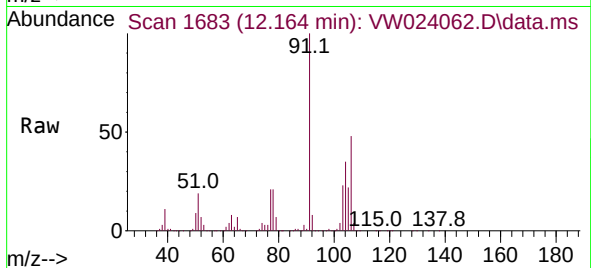
VSTD050459

Tgt Ion:106 Resp: 426332

Ion Ratio Lower Upper

106 100

91 206.8 150.6 279.6



#55

Styrene

Concen: 52.204 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024062.D

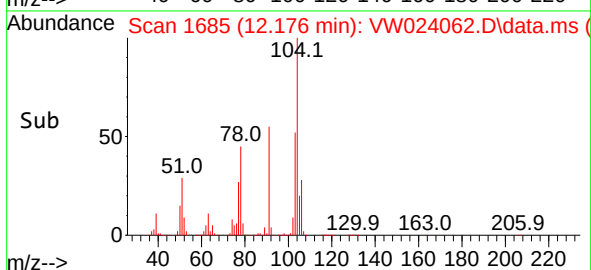
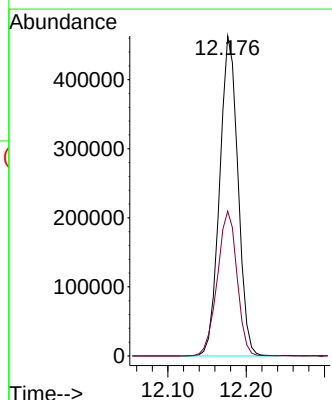
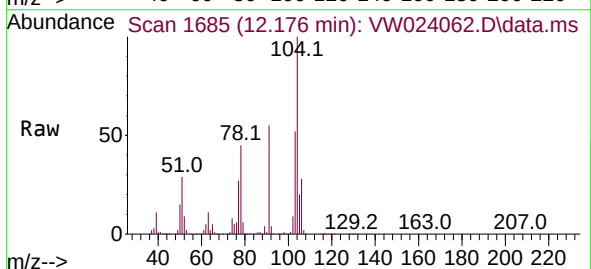
Acq: 25 Jul 2022 09:45

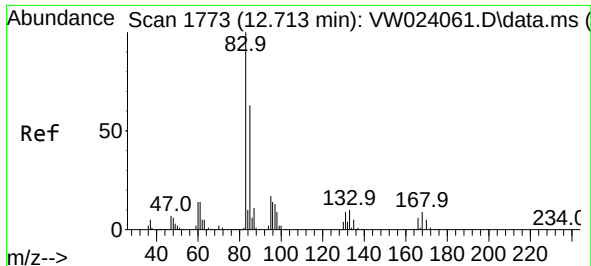
Tgt Ion:104 Resp: 752239

Ion Ratio Lower Upper

104 100

78 45.3 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 44.543 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

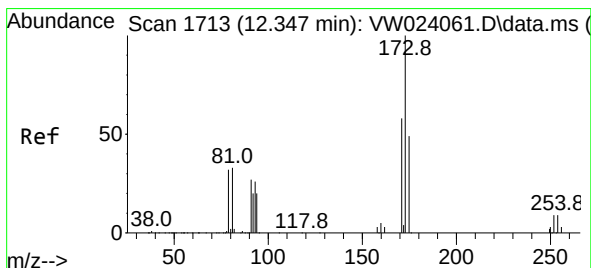
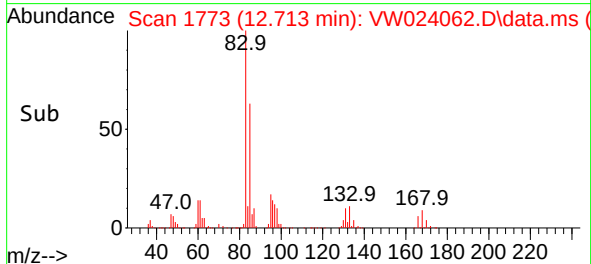
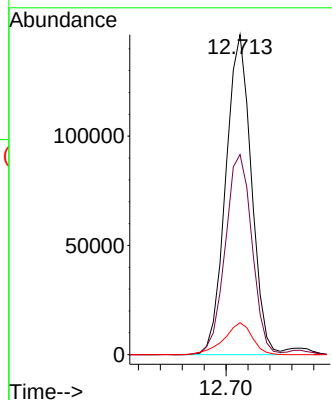
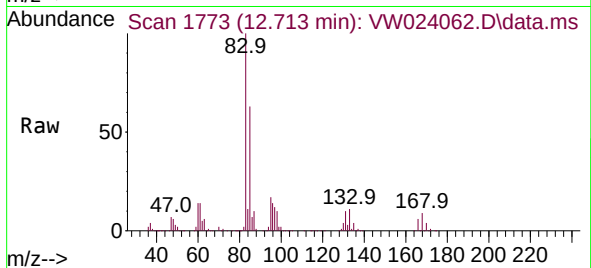
Tgt Ion: 83 Resp: 237013

Ion Ratio Lower Upper

83 100

85 62.5 44.4 82.5

131 10.0 7.5 11.3



#59

Bromoform

Concen: 46.701 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

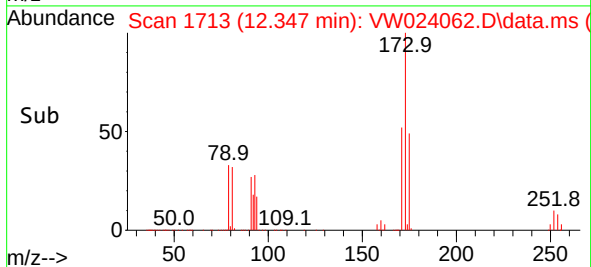
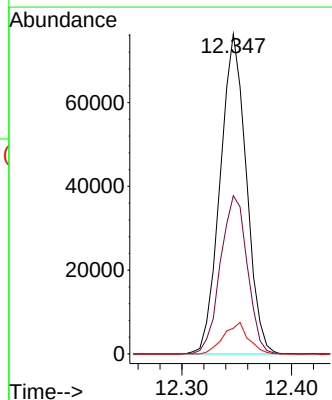
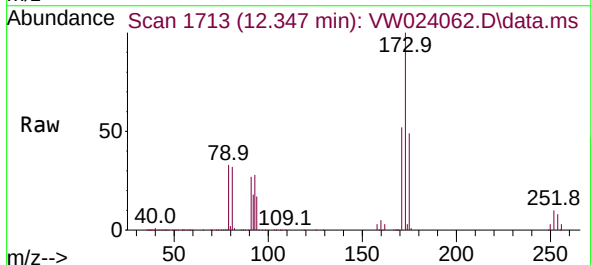
Tgt Ion:173 Resp: 126427

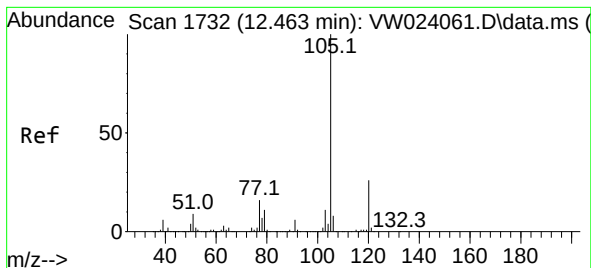
Ion Ratio Lower Upper

173 100

175 50.9 38.4 57.6

254 9.3 7.0 10.4





#60

Isopropylbenzene

Concen: 50.639 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

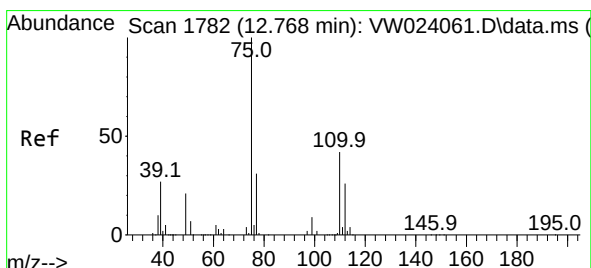
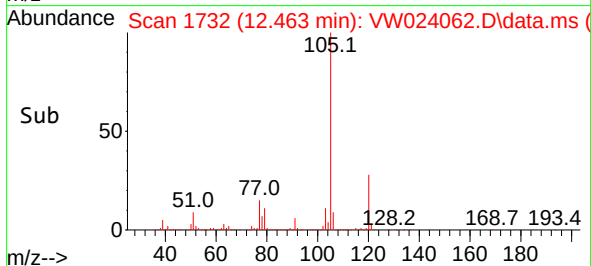
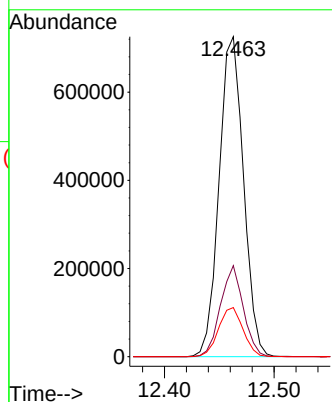
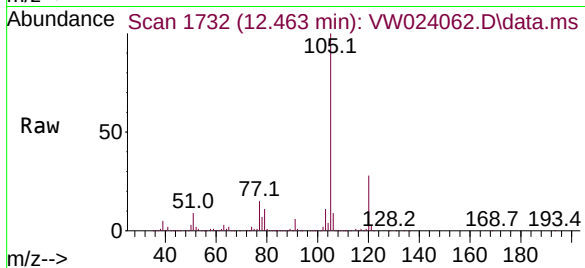
Tgt Ion:105 Resp: 1123356

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 42.530 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

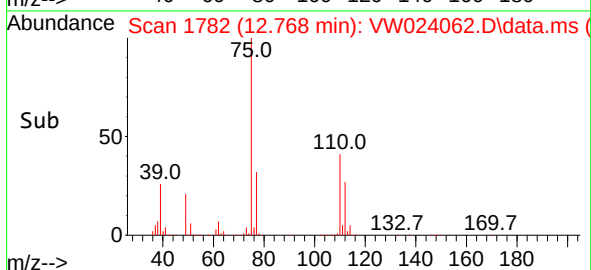
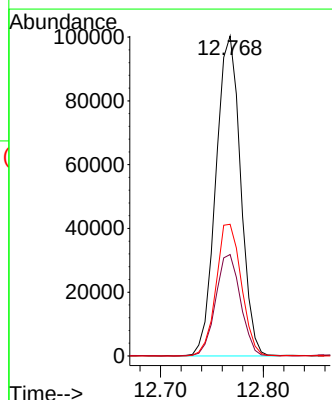
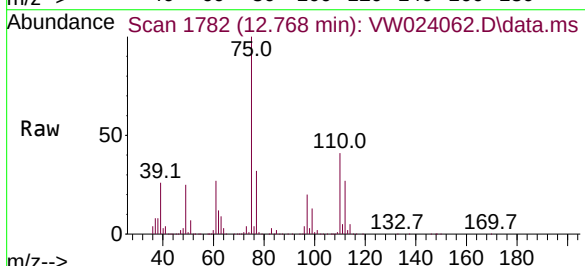
Tgt Ion: 75 Resp: 167423

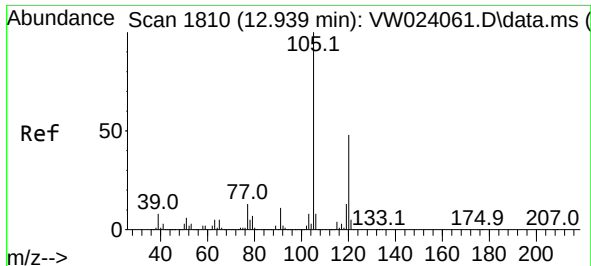
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 42.0 33.0 49.4

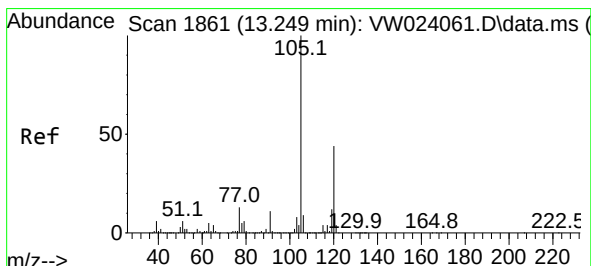
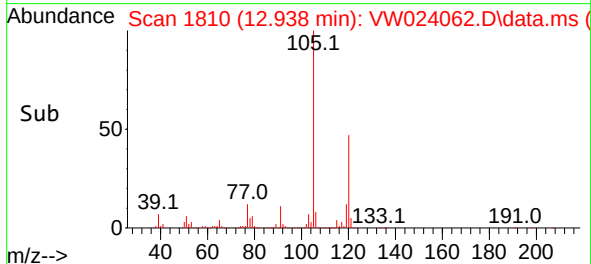
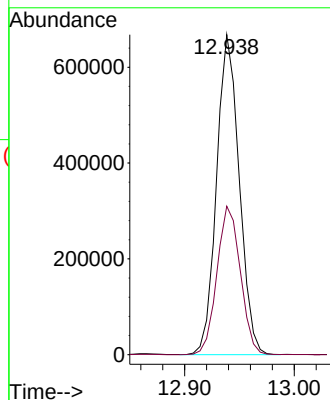
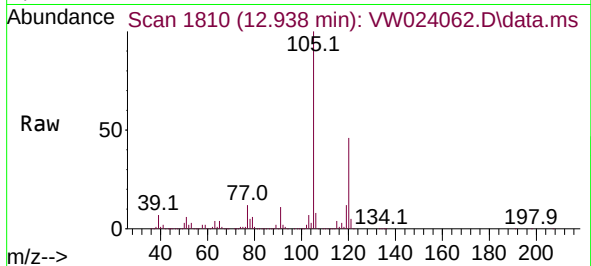




#62
1,3,5-Trimethylbenzene
Concen: 53.816 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

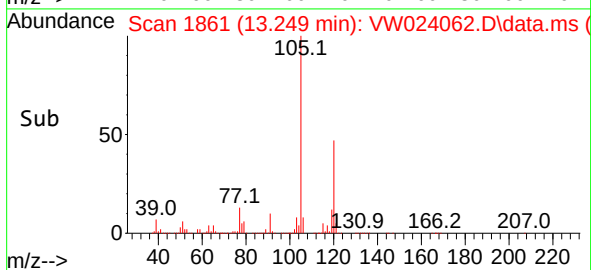
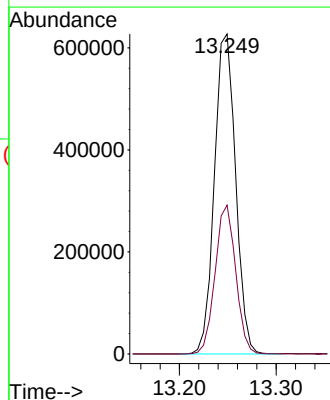
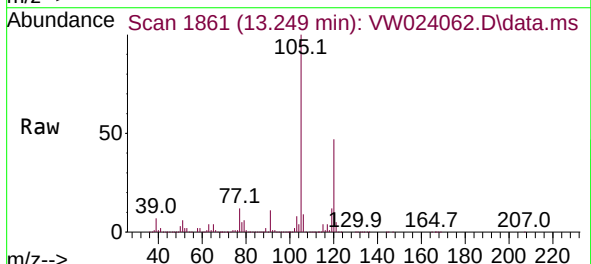
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

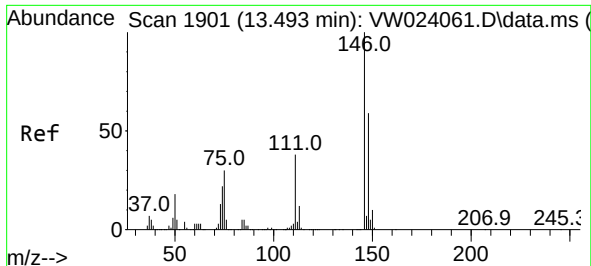
Tgt Ion:105 Resp: 960468
Ion Ratio Lower Upper
105 100
120 47.8 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 52.813 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion:105 Resp: 954002
Ion Ratio Lower Upper
105 100
120 45.2 36.1 54.1

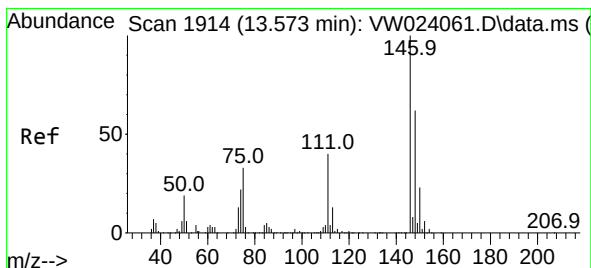
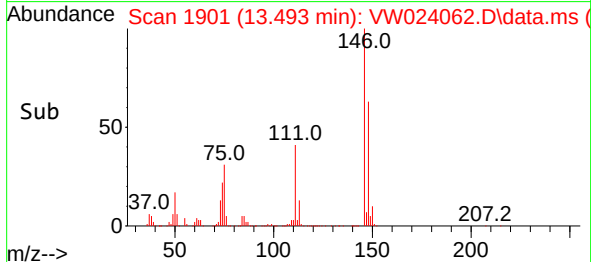
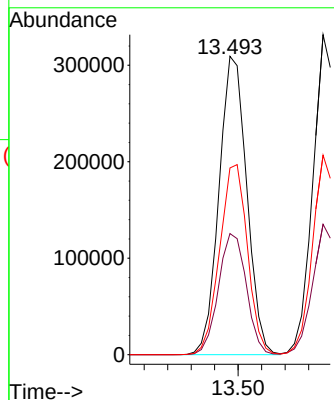
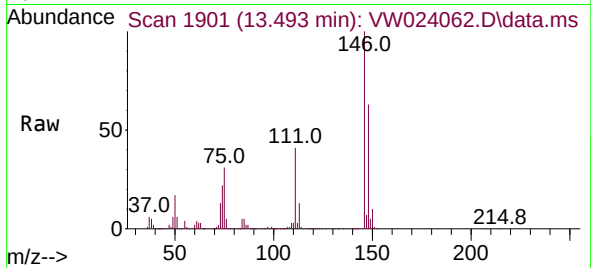




#64
1,3-Dichlorobenzene
Concen: 47.831 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

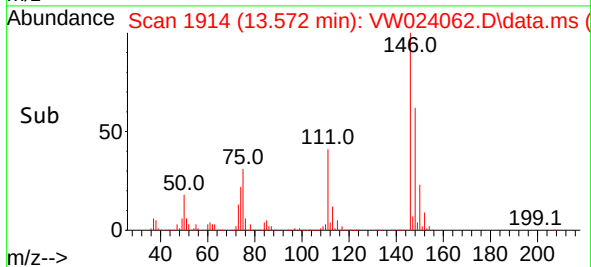
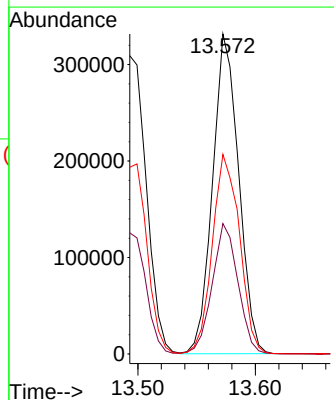
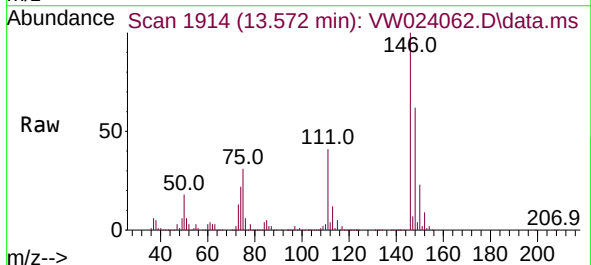
Instrument :
MSVOA_W
ClientSampleId :
VSTD050459

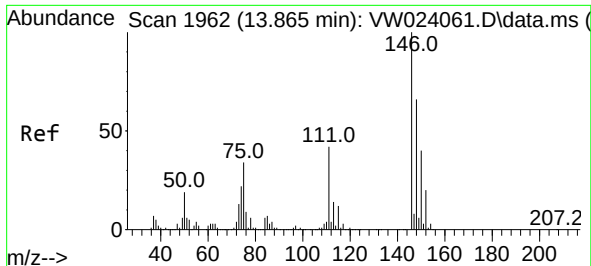
Tgt Ion:146 Resp: 507484
Ion Ratio Lower Upper
146 100
111 40.6 26.4 49.0
148 62.6 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 45.383 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024062.D
Acq: 25 Jul 2022 09:45

Tgt Ion:146 Resp: 511153
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.9
148 62.4 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 48.163 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

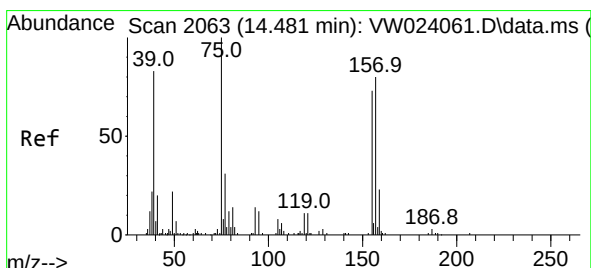
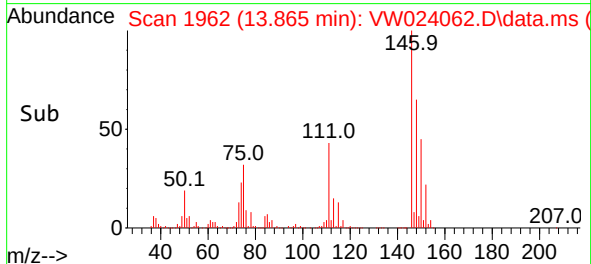
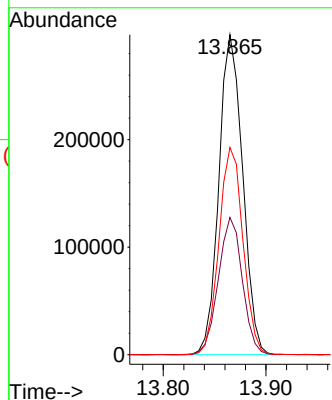
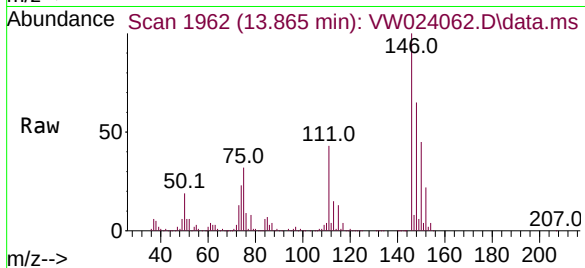
Tgt Ion:146 Resp: 477991

Ion Ratio Lower Upper

146 100

111 42.9 33.9 50.9

148 64.8 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 43.538 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

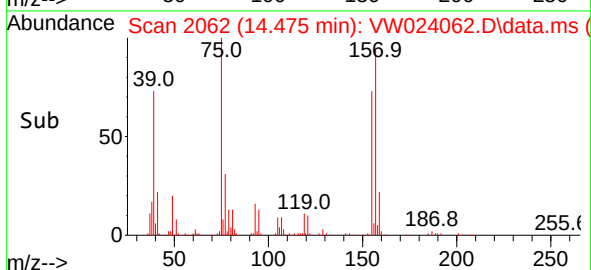
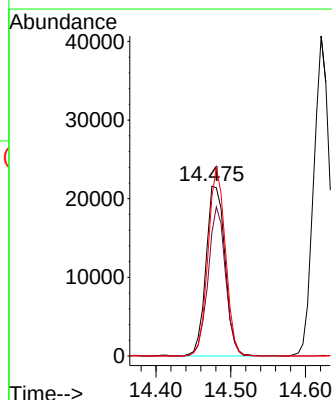
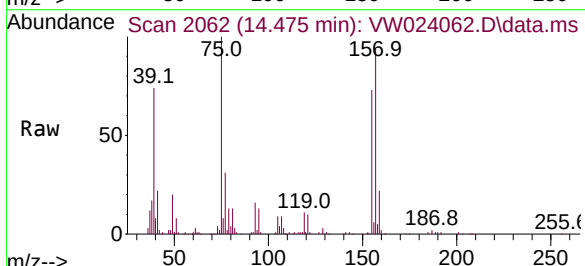
Tgt Ion: 75 Resp: 38296

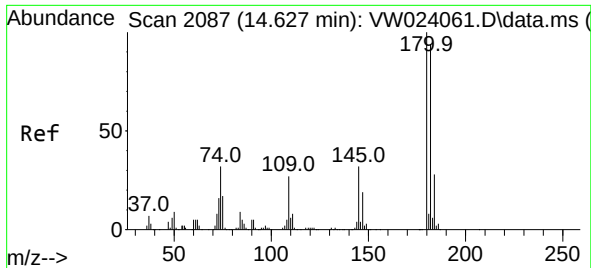
Ion Ratio Lower Upper

75 100

155 72.5 58.6 88.0

157 93.6 64.0 96.0

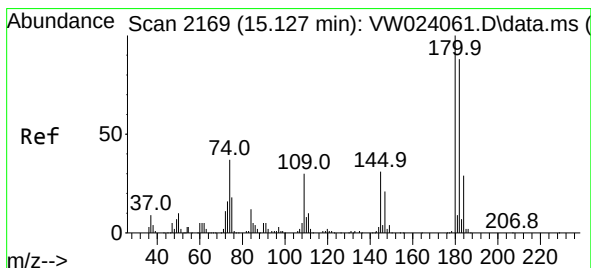
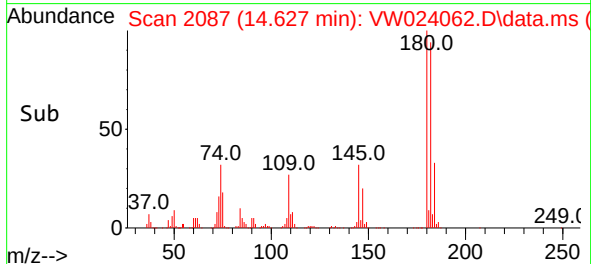
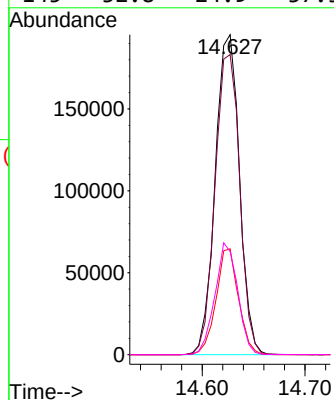
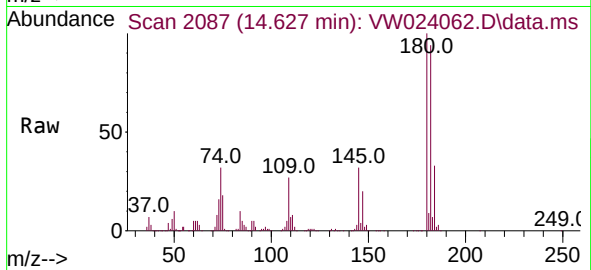




#69
 1,3,5-Trichlorobenzene
 Concen: 47.268 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

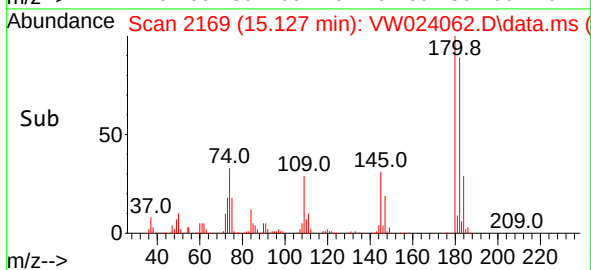
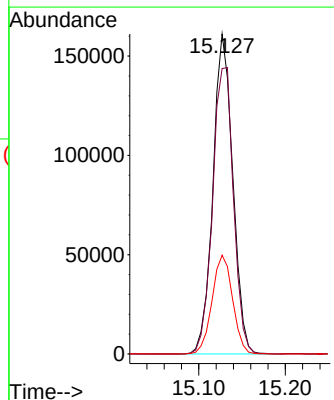
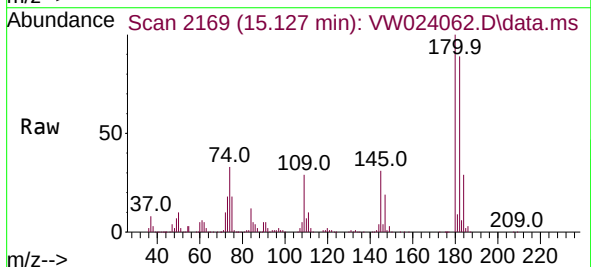
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050459

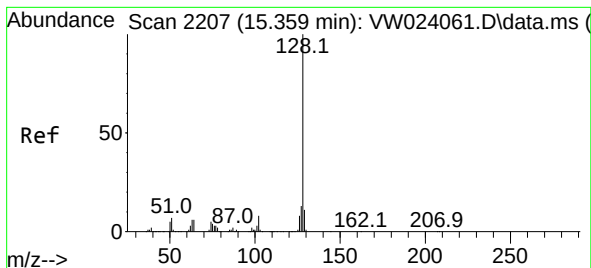
Tgt Ion:180 Resp: 319815
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.9 110.9
 184 30.6 23.5 35.3
 145 32.8 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 50.013 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024062.D
 Acq: 25 Jul 2022 09:45

Tgt Ion:180 Resp: 256401
 Ion Ratio Lower Upper
 180 100
 182 94.3 72.0 108.0
 145 31.9 24.9 37.3





#71

Naphthalene

Concen: 54.974 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Instrument :

MSVOA_W

ClientSampleId :

VSTD050459

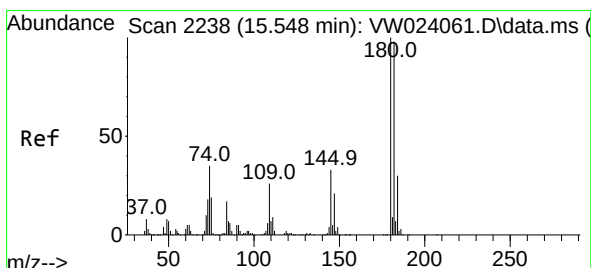
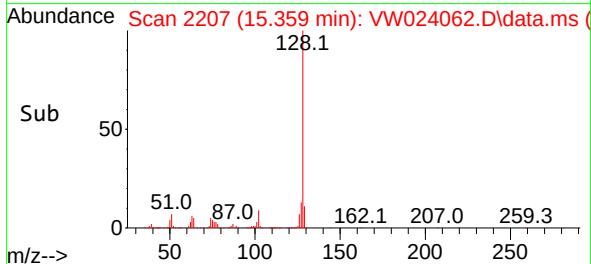
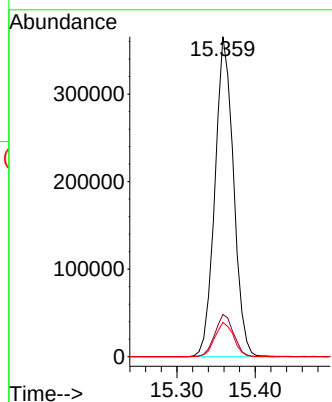
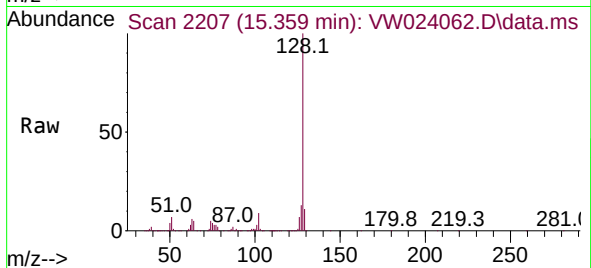
Tgt Ion:128 Resp: 603075

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.9 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 50.127 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024062.D

Acq: 25 Jul 2022 09:45

Tgt Ion:180 Resp: 241730

Ion Ratio Lower Upper

180 100

182 93.3 77.8 116.8

145 32.3 27.6 41.4

