

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024059.D
 Acq On : 25 Jul 2022 08:31
 Operator : SY/VA
 Sample : VSTD2.5456
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5456

Quant Time: Jul 26 00:18:51 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	8.842	114	215012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	210937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	107016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	10700	2.322	ug/L	0.00
7) Chloroethane-d5	3.044	69	282	0.091	ug/L	0.17
11) 1,1-Dichloroethene-d2	4.001	63	10480	2.582	ug/L	-0.01
21) 2-Butanone-d5	6.872	46	172	0.210	ug/L	-0.20
24) Chloroform-d	7.647	84	16524	2.795	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	9234	2.719	ug/L	0.00
32) Benzene-d6	8.269	84	23488	2.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	8434	2.729	ug/L	0.00
41) Toluene-d8	10.323	98	22325	2.278	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	3110	2.270	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2750	4.256	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9560	2.681	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	9070	2.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	3249	2.016	ug/L #	89
3) Chloromethane	2.209	50	10189	2.471	ug/L	98
5) Vinyl chloride	2.349	62	17414	2.710	ug/L	99
6) Bromomethane	2.763	94	10233	2.884	ug/L	76
8) Chloroethane	2.910	64	6999	2.476	ug/L	99
9) Trichlorofluoromethane	3.245	101	9029	3.018	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	7508	2.711	ug/L #	86
12) 1,1-Dichloroethene	4.025	96	6204	2.732	ug/L	69
13) Acetone	4.129	43	2079	3.605	ug/L	90
14) Carbon disulfide	4.373	76	19149	2.746	ug/L #	95
15) Methyl Acetate	4.672	43	2384	1.700	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	6949	2.501	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	6693	1.625	ug/L #	69
19) 1,1-Dichloroethane	6.214	63	14218	2.709	ug/L	95
22) 2-Butanone	7.177	43	4407	4.724	ug/L	79
23) Bromochloromethane	7.513	128	4006	2.551	ug/L	84
25) Chloroform	7.677	83	16215	2.670	ug/L	95
27) 1,2-Dichloroethane	8.397	62	11232	2.596	ug/L #	84
29) Cyclohexane	7.952	56	8531	2.195	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	12552	2.662	ug/L	96
31) Carbon tetrachloride	8.061	117	11594	2.668	ug/L	99
33) Benzene	8.323	78	30807	2.528	ug/L	100
34) Trichloroethene	9.085	95	8781	2.721	ug/L	90
35) Methylcyclohexane	9.335	83	10895	2.222	ug/L	92
37) 1,2-Dichloropropane	9.366	63	8275	2.686	ug/L	98
38) Bromodichloromethane	9.640	83	11887	2.706	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	10371	2.311	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	10065	4.695	ug/L	94
42) Toluene	10.384	91	31261	2.268	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	8925	2.100	ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	7115	2.644	ug/L	90
46) Tetrachloroethene	10.853	164	6409	2.538	ug/L	91

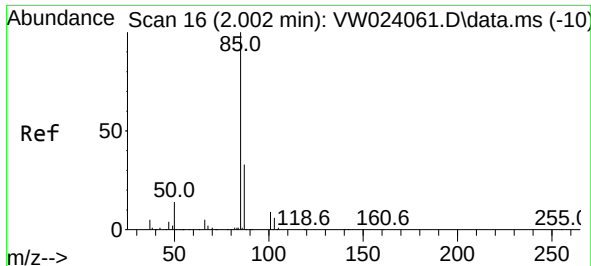
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
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Quant Time: Jul 26 00:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.969	43	6799	4.376	ug/L #	92
49) Dibromochloromethane	11.122	129	7628	2.426	ug/L	90
50) 1,2-Dibromoethane	11.238	107	6629	2.516	ug/L #	76
51) Chlorobenzene	11.658	112	22754	2.453	ug/L	96
52) Ethylbenzene	11.731	91	33345	2.195	ug/L	97
53) m,p-Xylene	11.835	106	12251	2.078	ug/L	83
54) o-Xylene	12.164	106	10857	1.926	ug/L	92
55) Styrene	12.176	104	18441	1.826	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	9778	2.621	ug/L #	97
59) Bromoform	12.347	173	4043	2.444	ug/L	95
60) Isopropylbenzene	12.463	105	28006	2.066	ug/L	96
61) 1,2,3-Trichloropropane	12.762	75	7180	2.985	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	20014	1.835	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	20358	1.844	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	15317	2.363	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	17895	2.600	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	14367	2.369	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	1582	2.943	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	9874	2.388	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	7008	2.237	ug/L	98
71) Naphthalene	15.365	128	12905	1.925	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	6550	2.223	ug/L	88

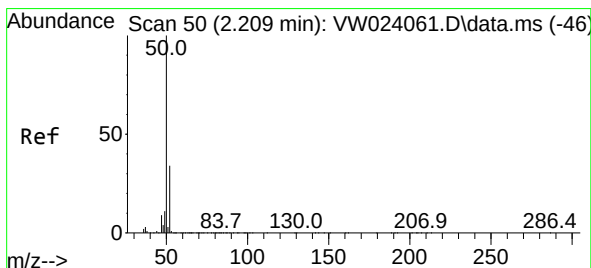
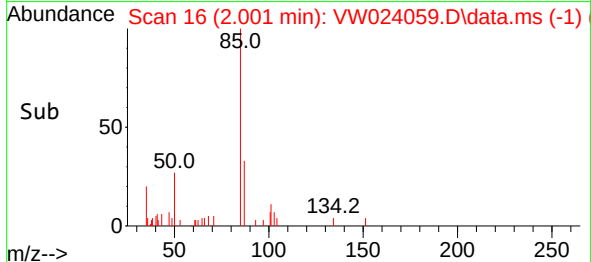
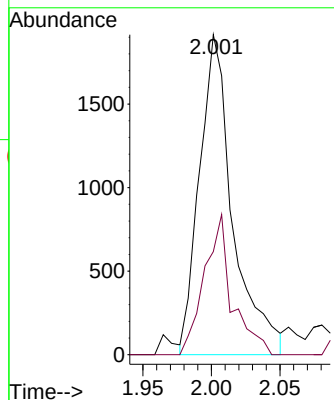
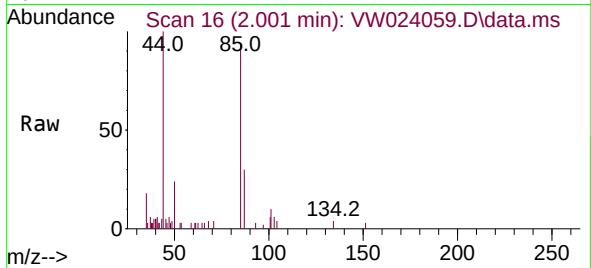
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.016 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

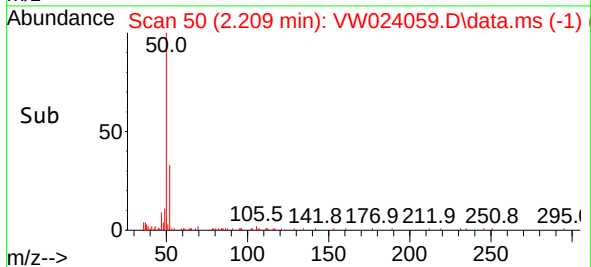
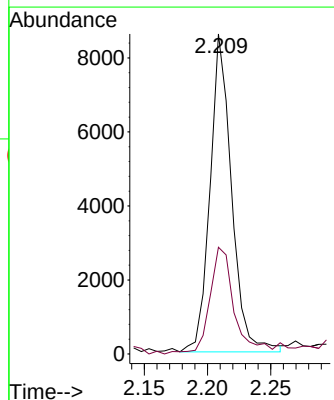
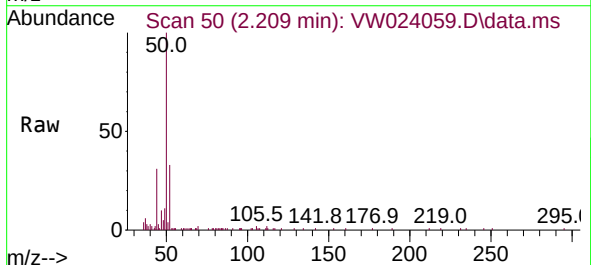
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

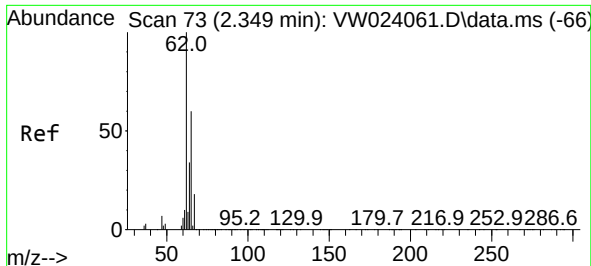
Tgt Ion: 85 Resp: 3249
Ion Ratio Lower Upper
85 100
87 36.4 24.2 36.2#



#3
Chloromethane
Concen: 2.471 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 50 Resp: 10189
Ion Ratio Lower Upper
50 100
52 33.3 23.9 44.5

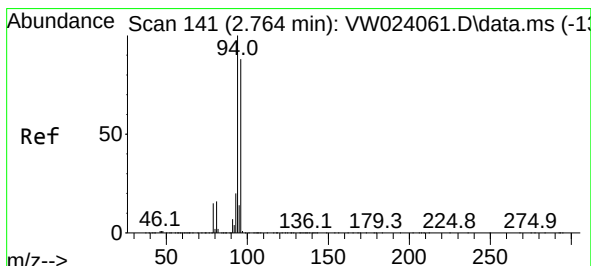
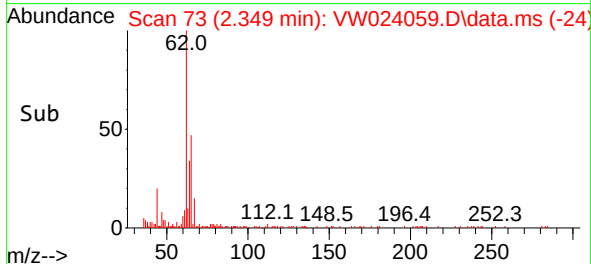
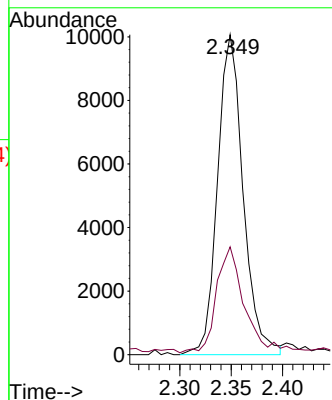
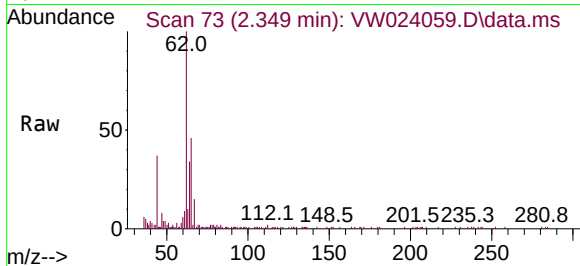




#5
 Vinyl chloride
 Concen: 2.710 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024059.D
 Acq: 25 Jul 2022 08:31

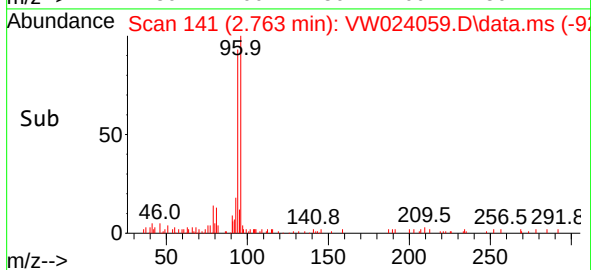
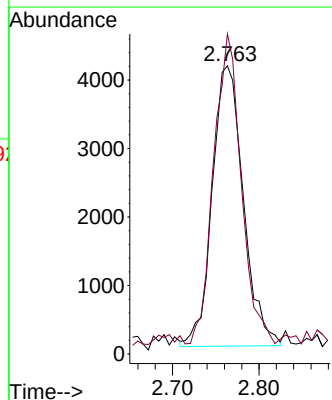
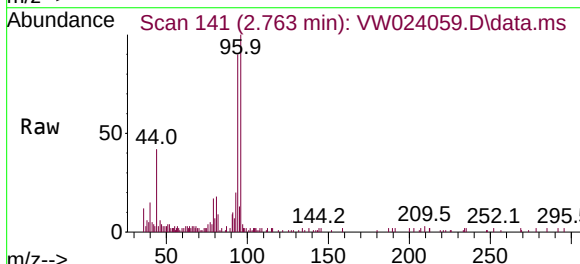
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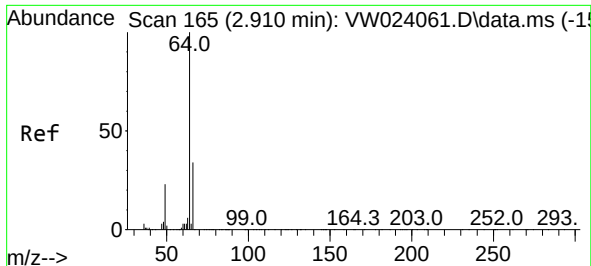
Tgt Ion: 62 Resp: 17414
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.9 44.3



#6
 Bromomethane
 Concen: 2.884 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024059.D
 Acq: 25 Jul 2022 08:31

Tgt Ion: 94 Resp: 10233
 Ion Ratio Lower Upper
 94 100
 96 111.0 61.9 114.9

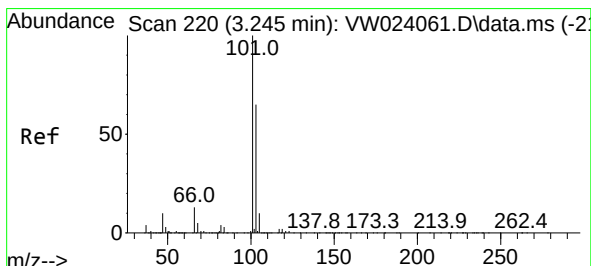
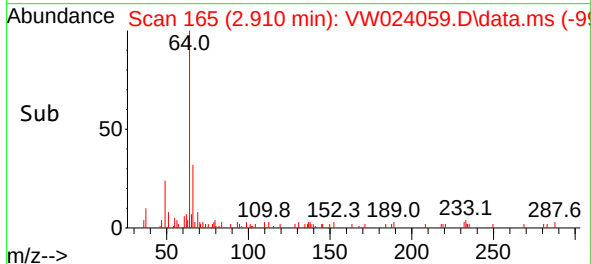
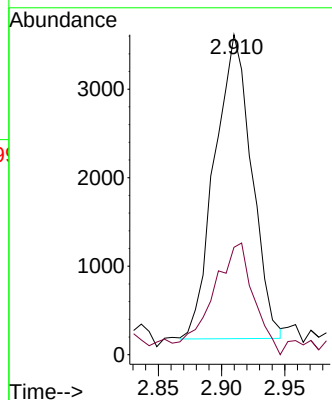
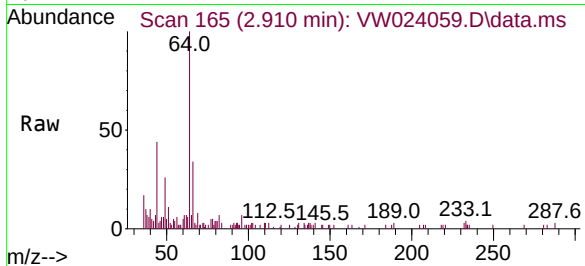




#8
Chloroethane
Concen: 2.476 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

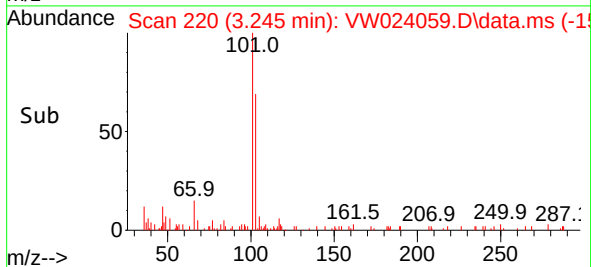
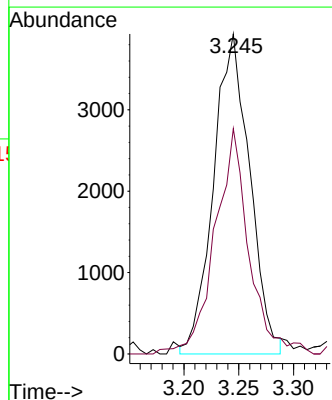
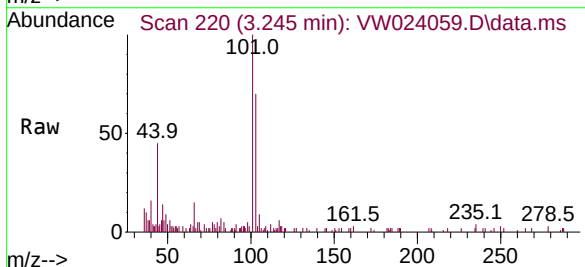
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ClientSampleId :
VSTD2.5456

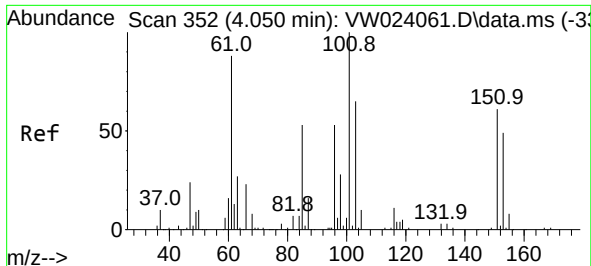
Tgt Ion: 64 Resp: 6999
Ion Ratio Lower Upper
64 100
66 33.5 23.9 44.3



#9
Trichlorofluoromethane
Concen: 3.018 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 101 Resp: 9029
Ion Ratio Lower Upper
101 100
103 61.0 52.4 78.6

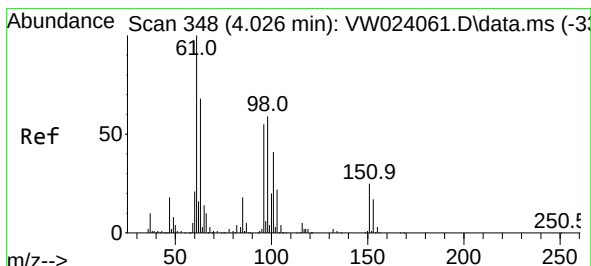
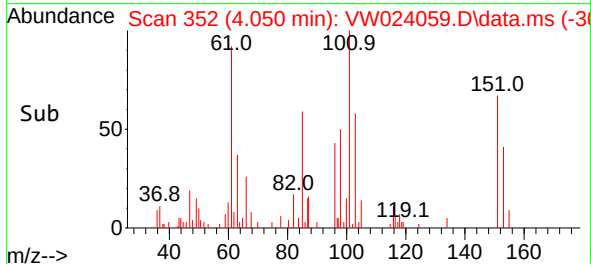
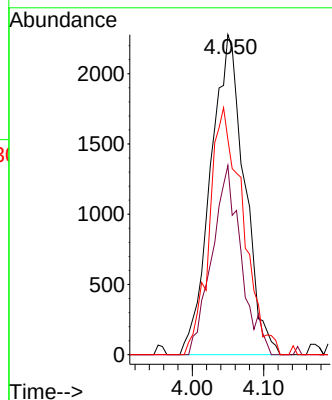
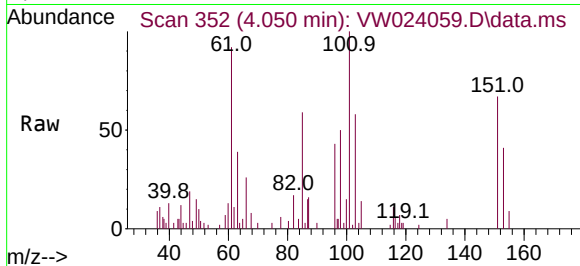




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.711 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024059.D
 Acq: 25 Jul 2022 08:31

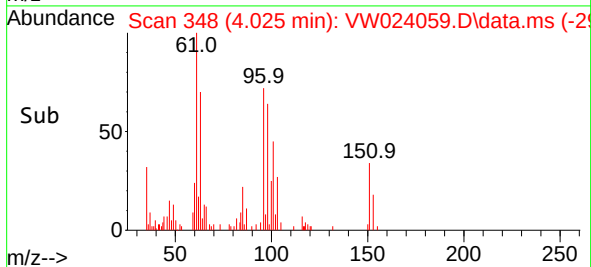
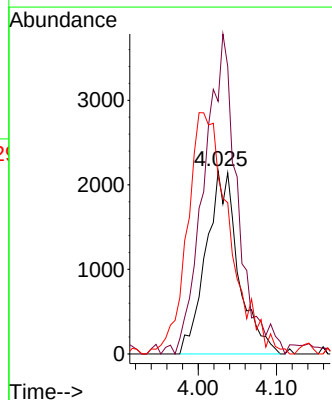
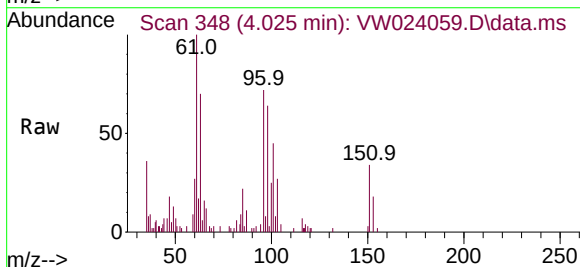
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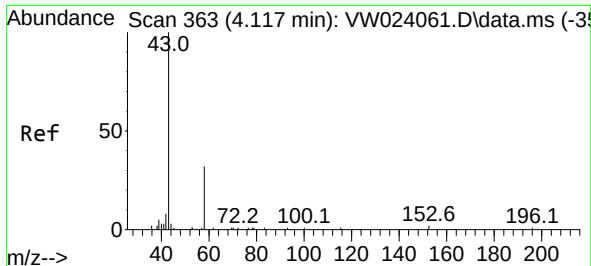
Tgt Ion:101 Resp: 7508
 Ion Ratio Lower Upper
 101 100
 85 48.3 39.8 59.8
 151 56.3 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 2.732 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.000 min
 Lab File: VW024059.D
 Acq: 25 Jul 2022 08:31

Tgt Ion: 96 Resp: 6204
 Ion Ratio Lower Upper
 96 100
 61 138.1 128.4 238.4
 63 96.9 93.1 172.9

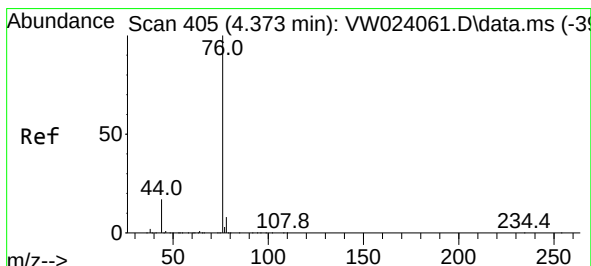
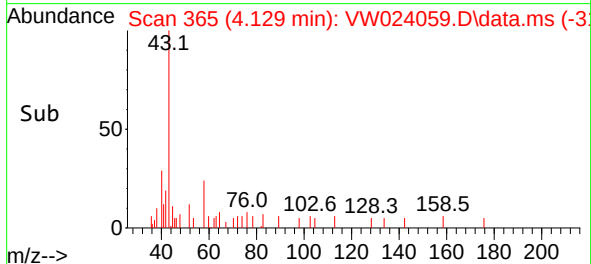
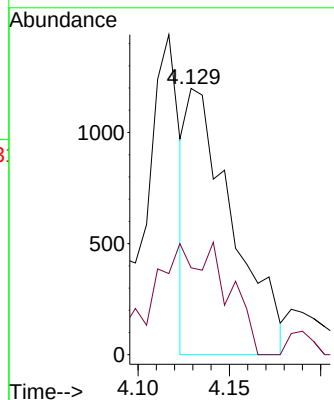
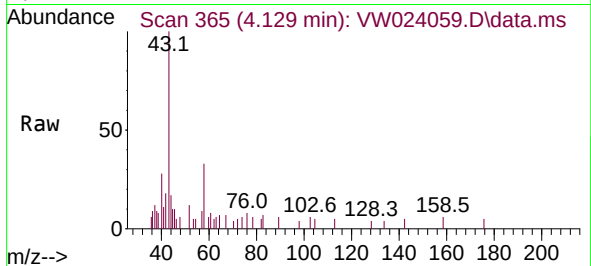




#13
Acetone
Concen: 3.605 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

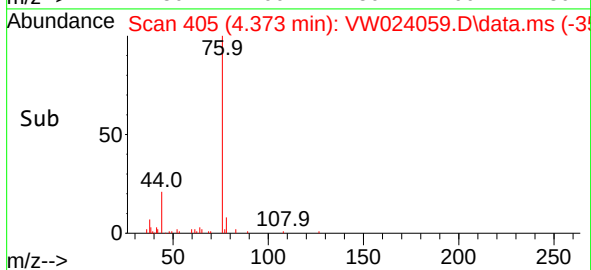
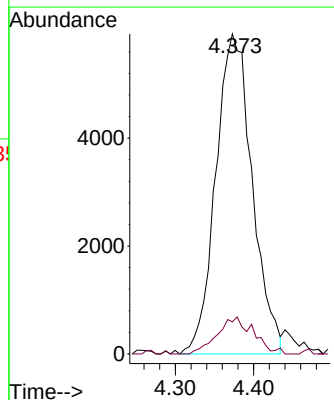
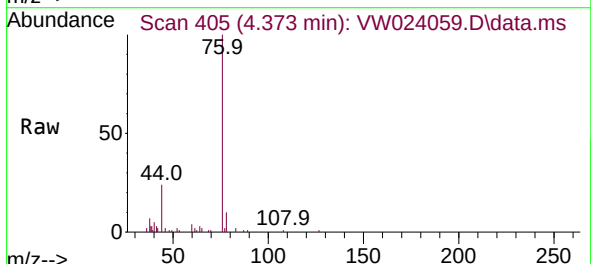
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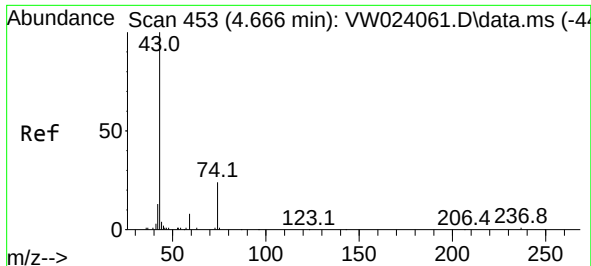
Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 35.6 0.0 60.0



#14
Carbon disulfide
Concen: 2.746 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 76 Resp: 19149
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0#

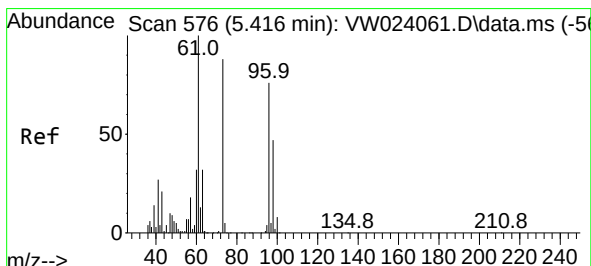
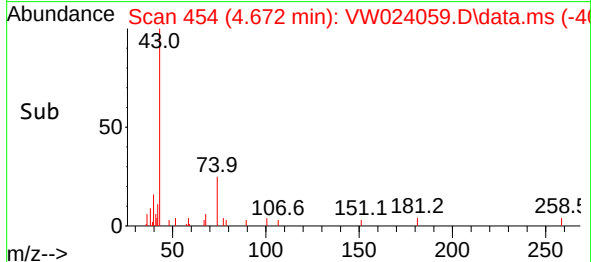
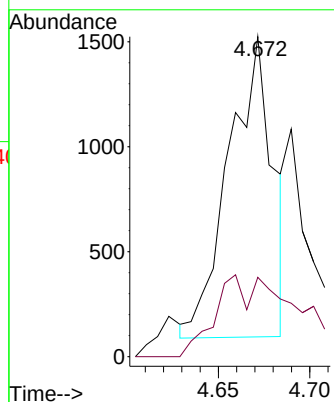
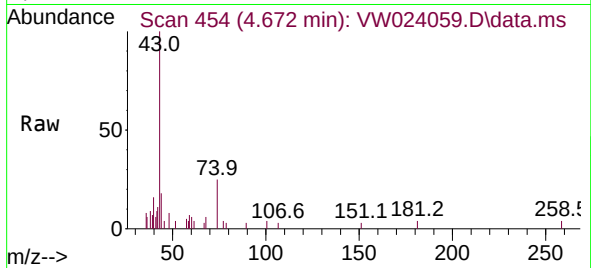




#15
Methyl Acetate
Concen: 1.700 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

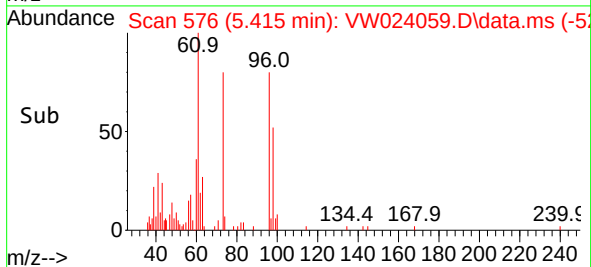
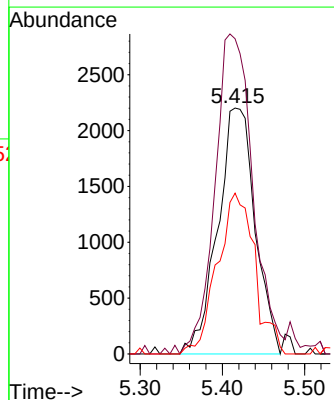
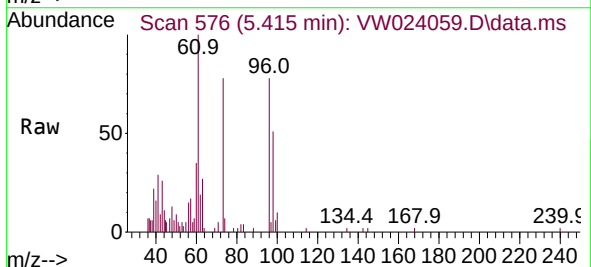
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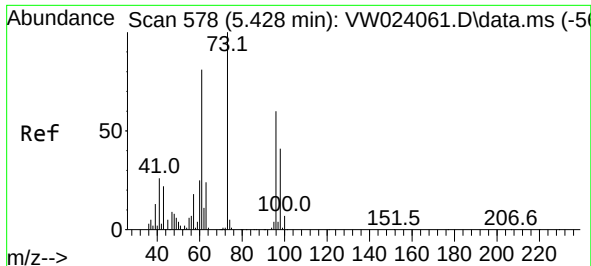
Tgt Ion: 43 Resp: 2384
Ion Ratio Lower Upper
43 100
74 22.1 21.1 31.7



#17
trans-1,2-Dichloroethene
Concen: 2.501 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 96 Resp: 6949
Ion Ratio Lower Upper
96 100
61 128.2 92.7 172.1
98 65.4 44.1 81.9

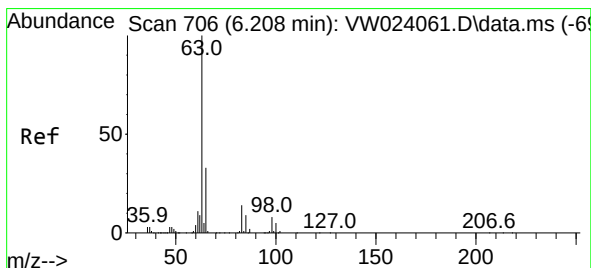
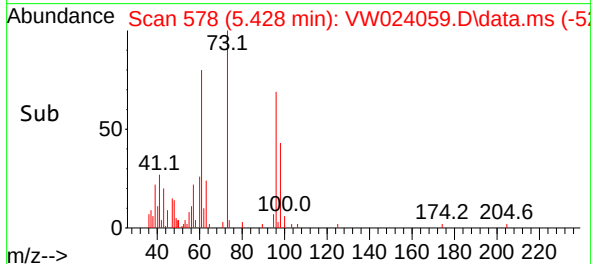
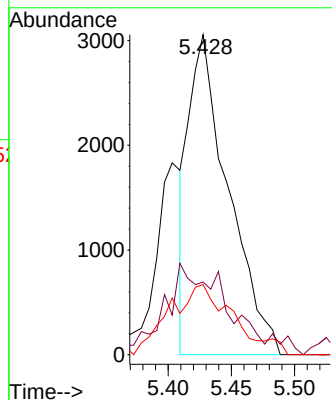
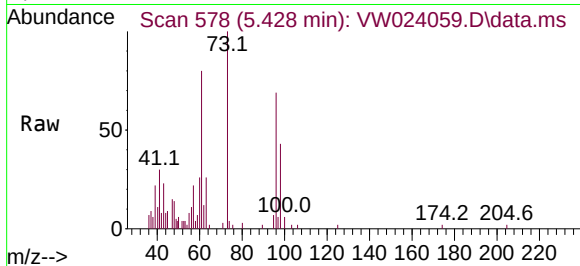




#18
Methyl tert-butyl Ether
Concen: 1.625 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

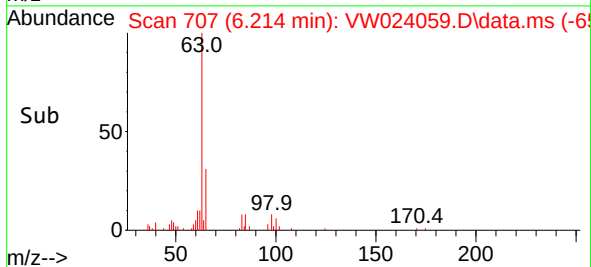
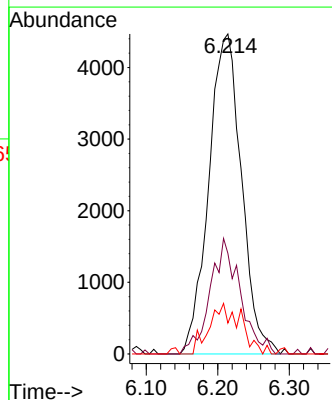
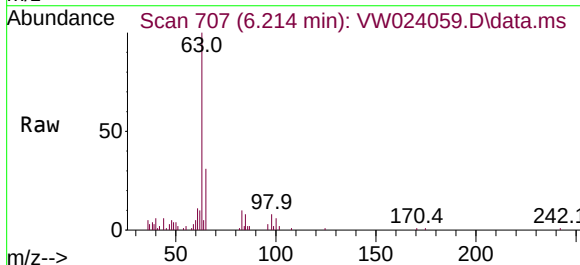
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

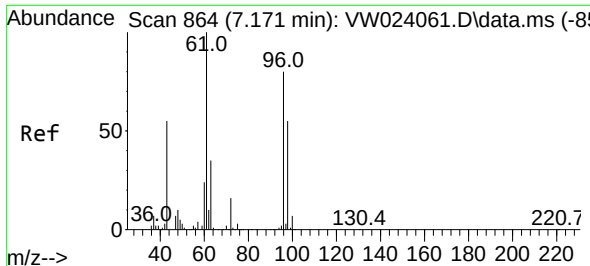
Tgt Ion: 73 Resp: 6693
Ion Ratio Lower Upper
73 100
43 8.2 17.3 25.9#
57 4.6 16.6 25.0#



#19
1,1-Dichloroethane
Concen: 2.709 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 63 Resp: 14218
Ion Ratio Lower Upper
63 100
65 31.5 23.4 43.4
83 9.7 9.7 17.9

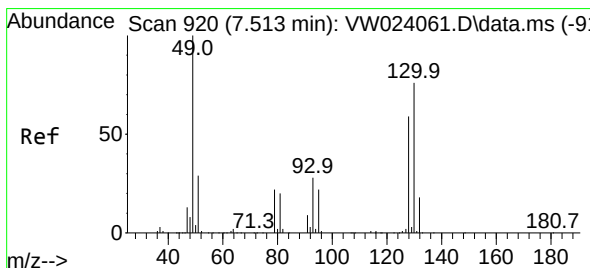
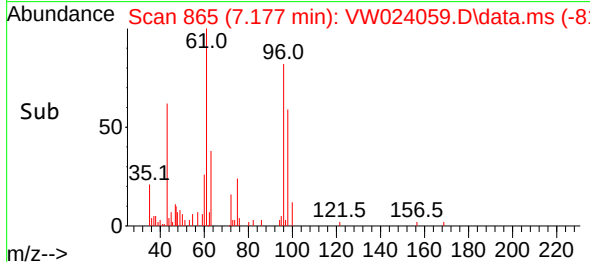
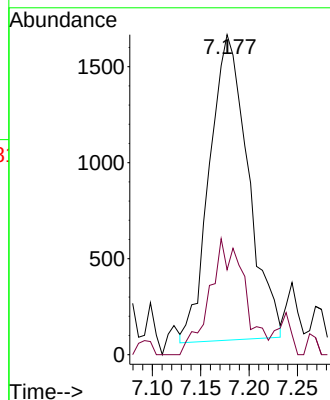
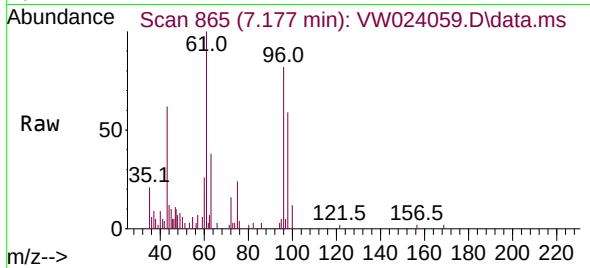




#22
2-Butanone
Concen: 4.724 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

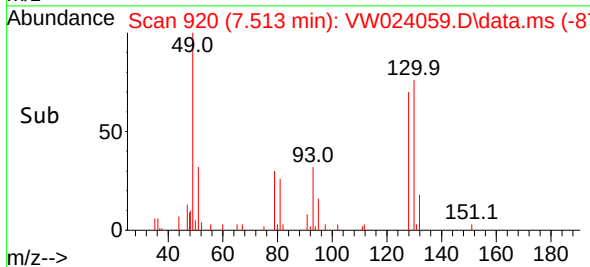
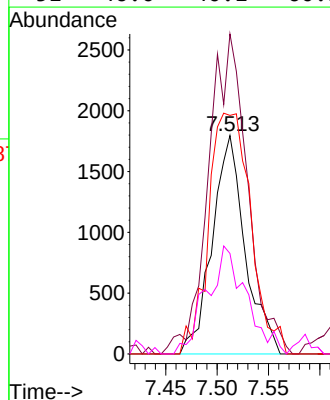
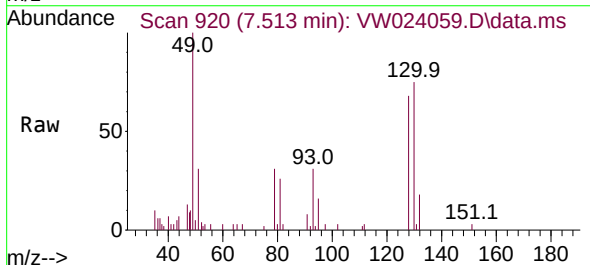
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

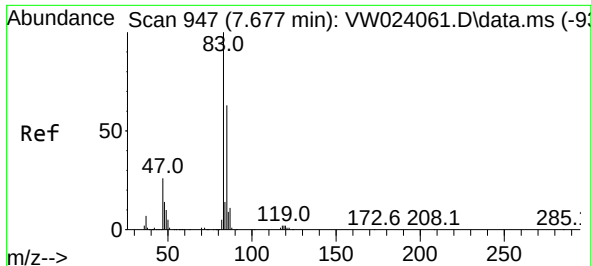
Tgt Ion: 43 Resp: 4407
Ion Ratio Lower Upper
43 100
72 18.5 15.0 45.0



#23
Bromochloromethane
Concen: 2.551 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 128 Resp: 4006
Ion Ratio Lower Upper
128 100
49 146.5 119.8 222.4
130 109.2 90.7 168.5
51 46.0 40.1 60.1

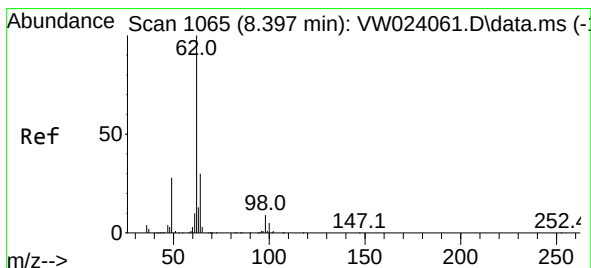
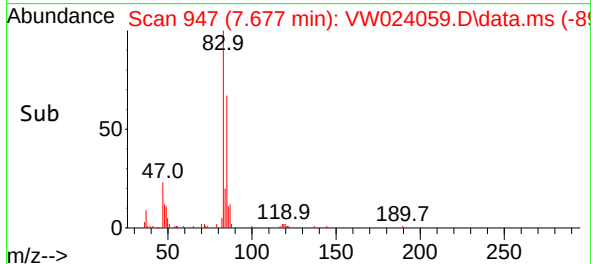
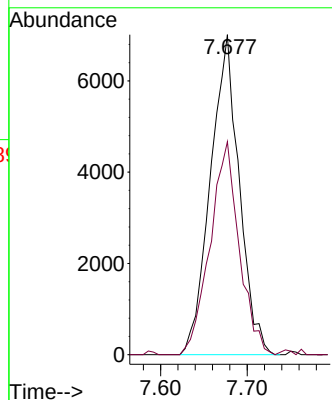
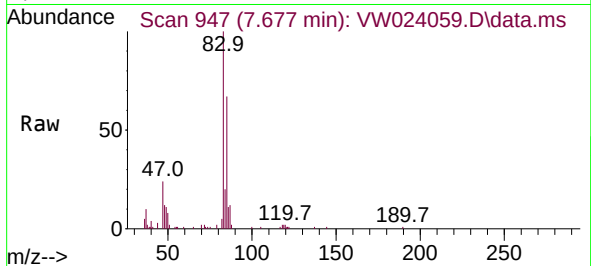




#25
Chloroform
Concen: 2.670 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

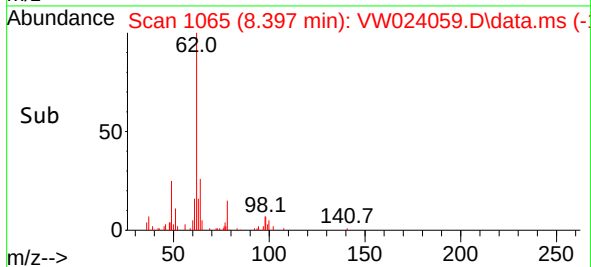
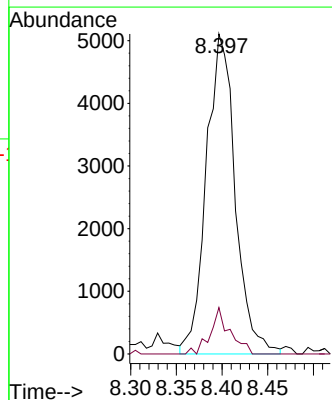
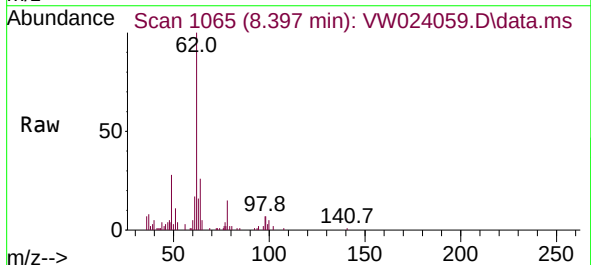
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

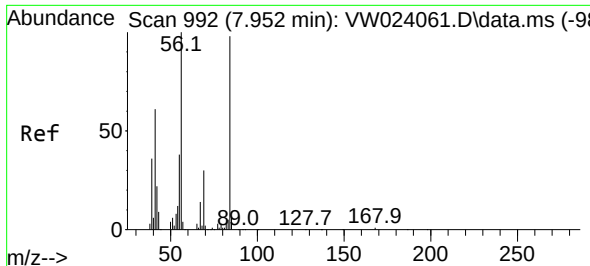
Tgt Ion: 83 Resp: 16215
Ion Ratio Lower Upper
83 100
85 66.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 2.596 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 62 Resp: 11232
Ion Ratio Lower Upper
62 100
98 14.5 7.1 10.7#





#29

Cyclohexane

Concen: 2.195 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5456

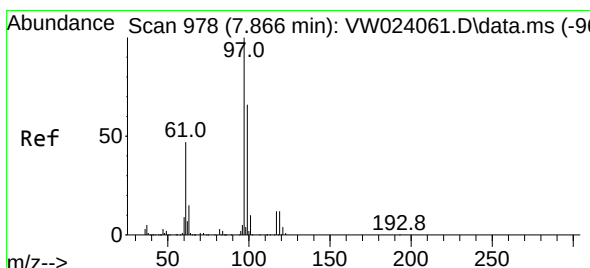
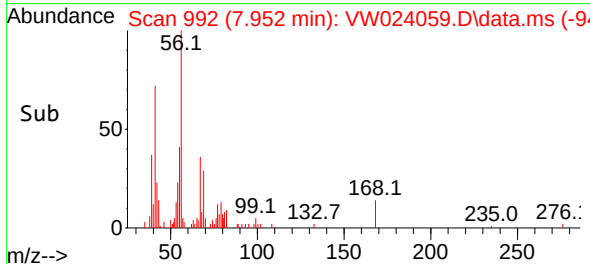
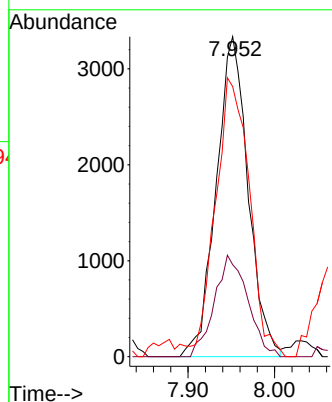
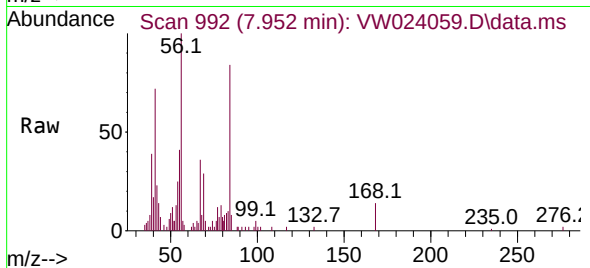
Tgt Ion: 56 Resp: 8531

Ion Ratio Lower Upper

56 100

69 33.0 24.1 36.1

84 92.2 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 2.662 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

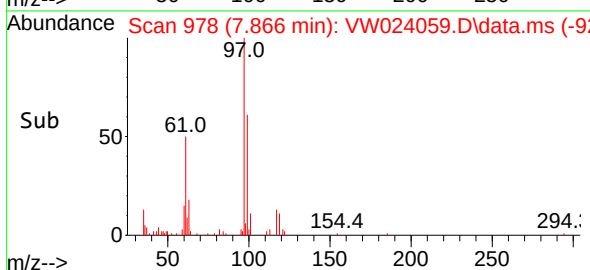
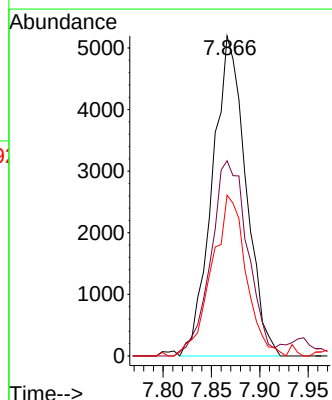
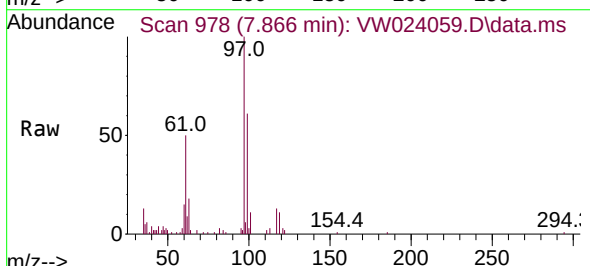
Tgt Ion: 97 Resp: 12552

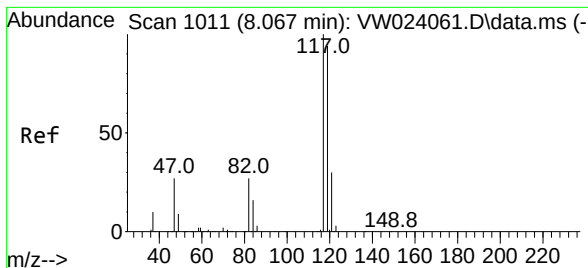
Ion Ratio Lower Upper

97 100

99 66.4 51.7 77.5

61 51.1 37.8 56.6

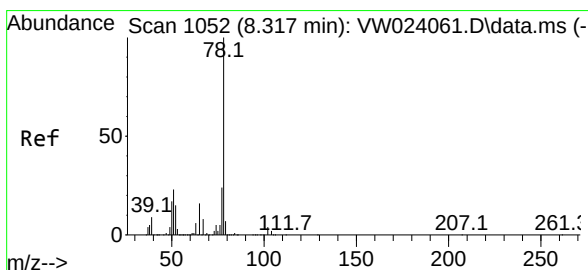
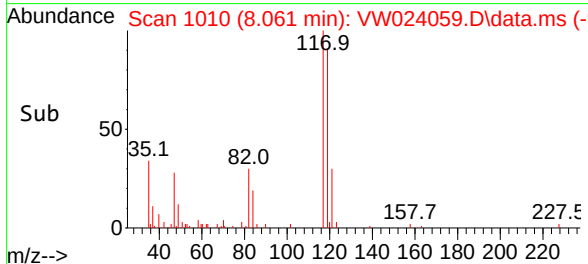
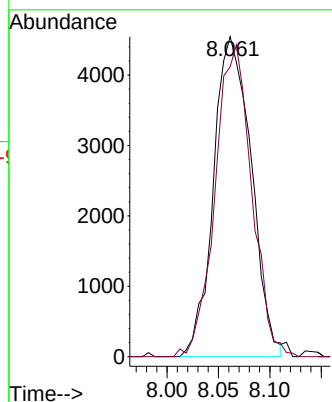
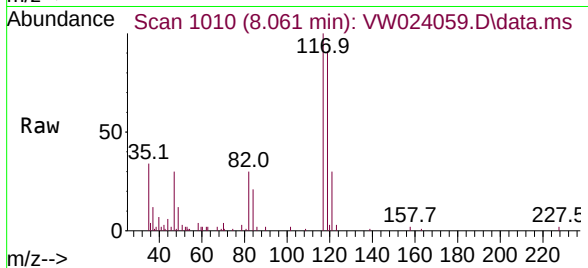




#31
Carbon tetrachloride
Concen: 2.668 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

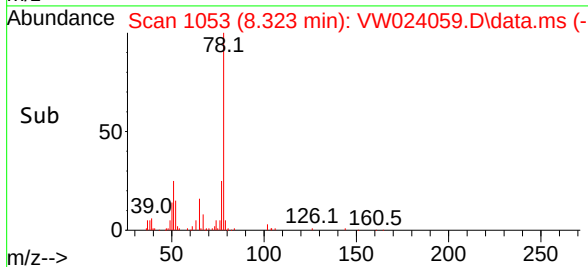
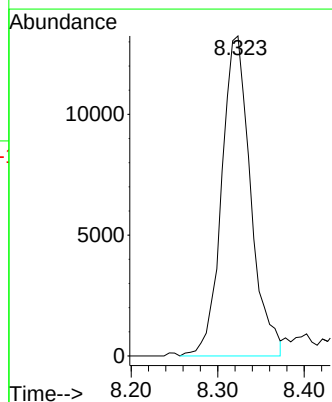
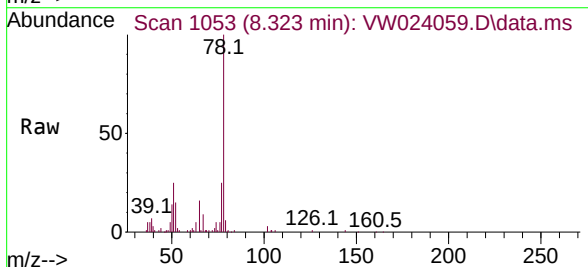
Instrument : MSVOA_W
ClientSampleId : VSTD2.5456

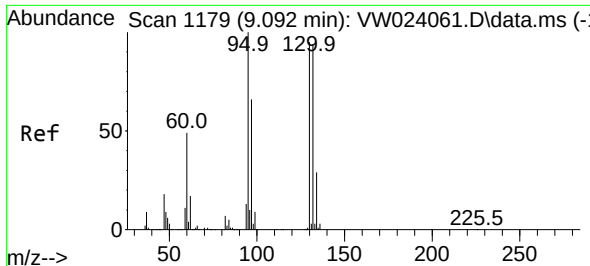
Tgt Ion:117 Resp: 11594
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.4



#33
Benzene
Concen: 2.528 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 78 Resp: 30807

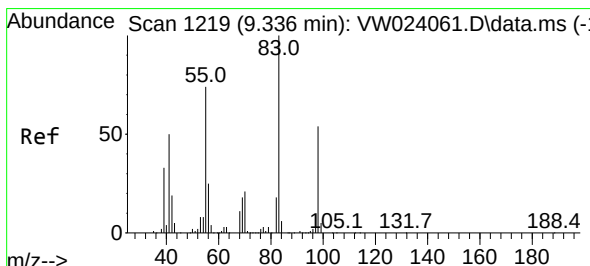
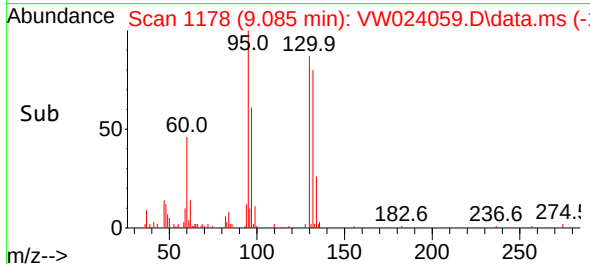
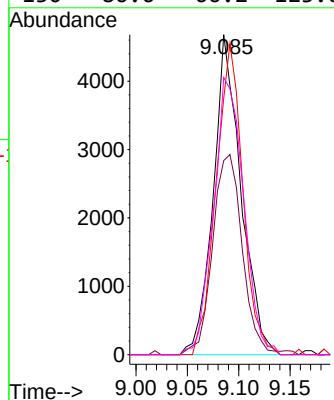
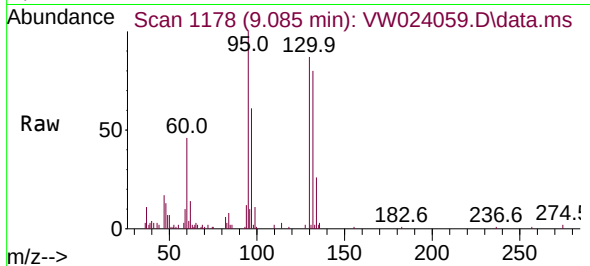




#34
Trichloroethene
Concen: 2.721 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

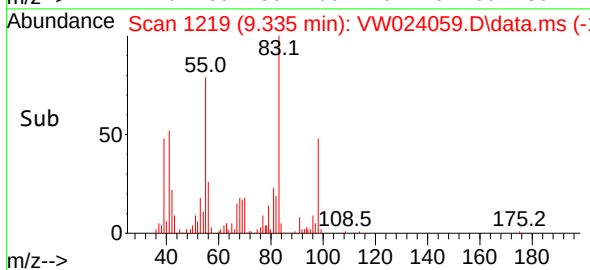
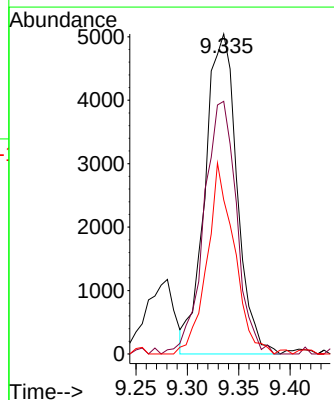
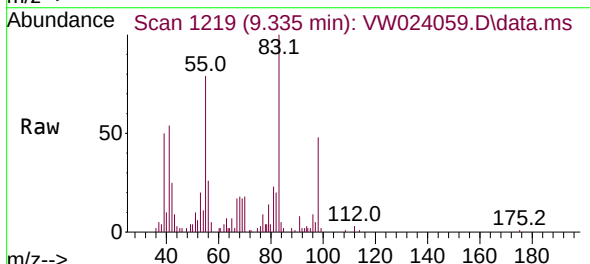
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

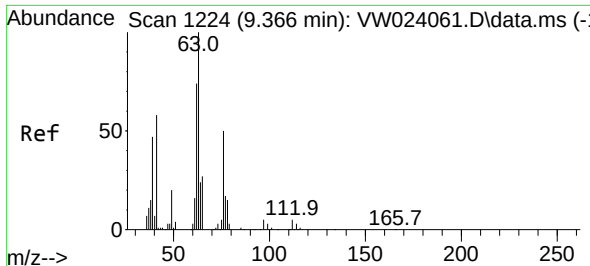
Tgt Ion:	95	Resp:	8781
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.5	86.3
132	80.1	65.8	122.2
130	86.6	66.2	123.0



#35
Methylcyclohexane
Concen: 2.222 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:	83	Resp:	10895
Ion	Ratio	Lower	Upper
83	100		
55	80.6	57.3	85.9
98	50.9	38.9	58.3





#37

1,2-Dichloropropane

Concen: 2.686 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

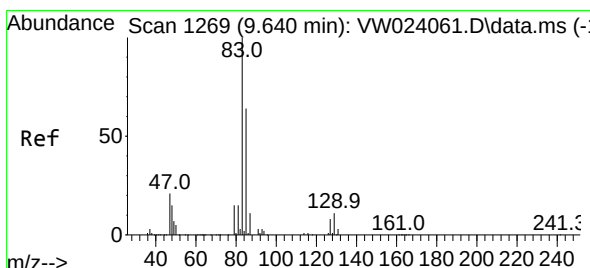
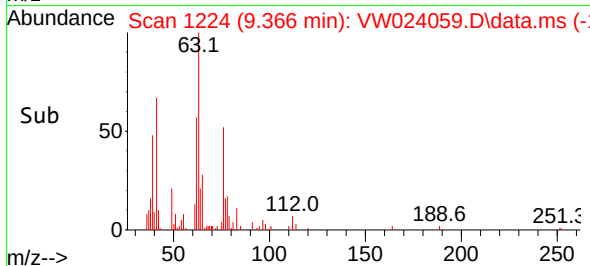
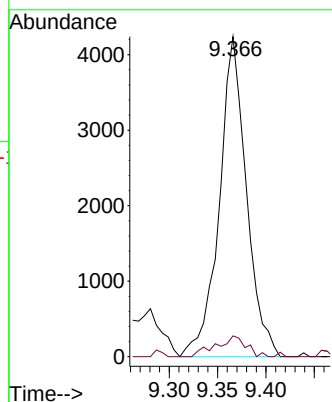
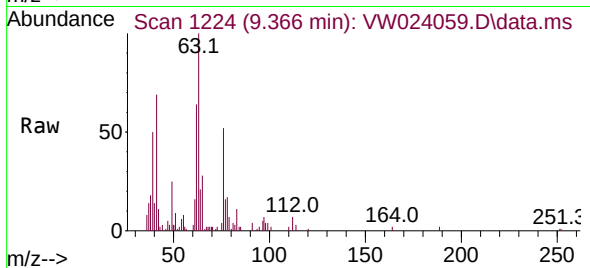
VSTD2.5456

Tgt Ion: 63 Resp: 8275

Ion Ratio Lower Upper

63 100

112 4.3 3.9 5.9



#38

Bromodichloromethane

Concen: 2.706 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

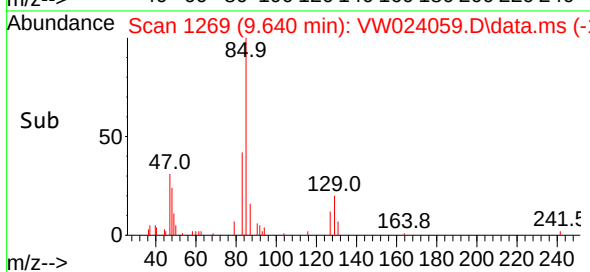
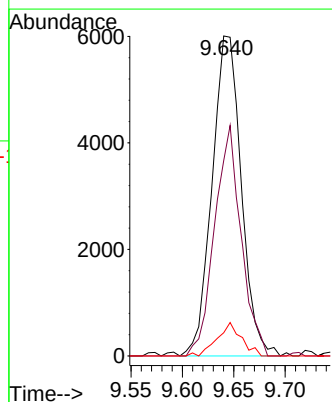
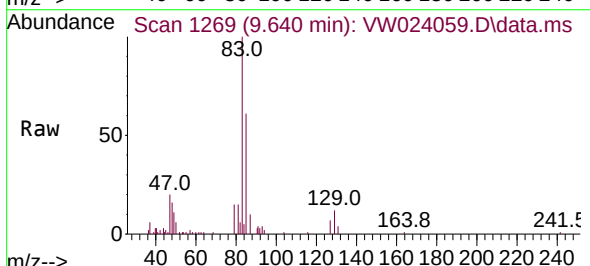
Tgt Ion: 83 Resp: 11887

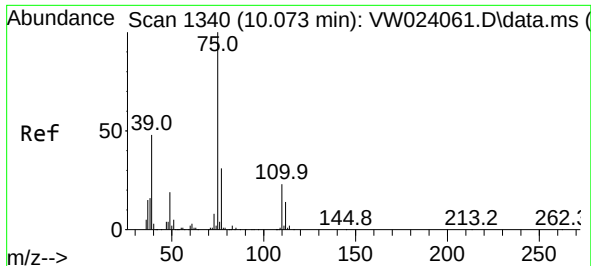
Ion Ratio Lower Upper

83 100

85 61.1 45.1 83.7

127 7.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 2.311 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

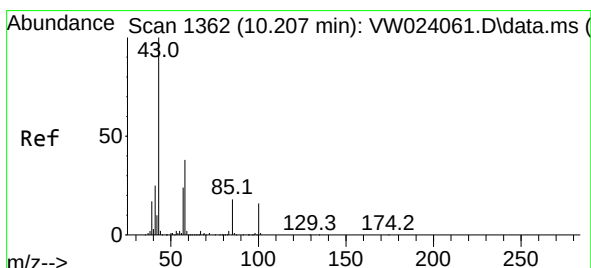
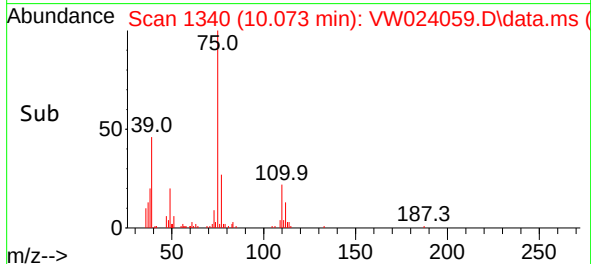
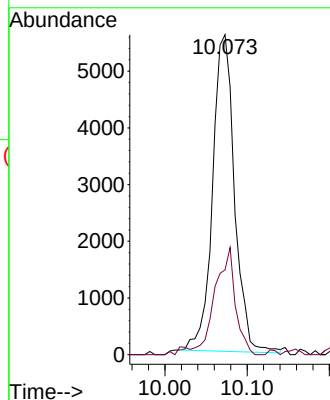
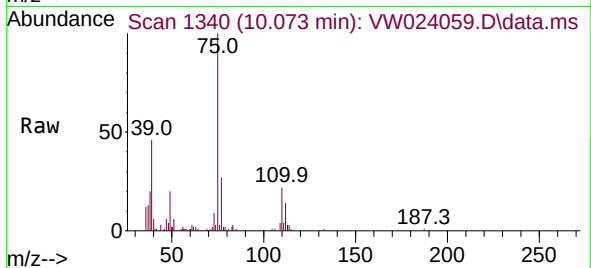
VSTD2.5456

Tgt Ion: 75 Resp: 10371

Ion Ratio Lower Upper

75 100

77 26.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 4.695 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

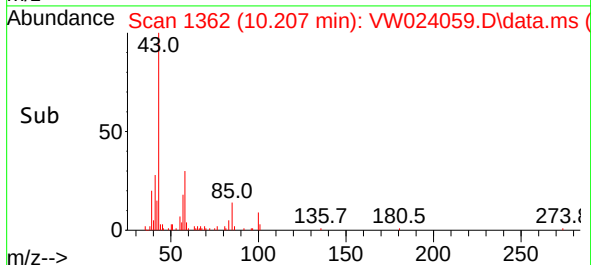
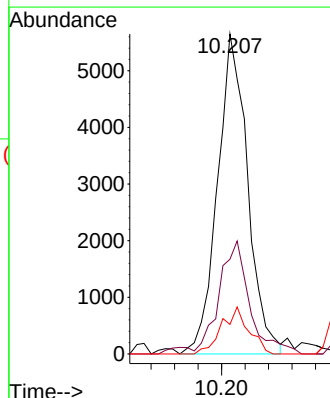
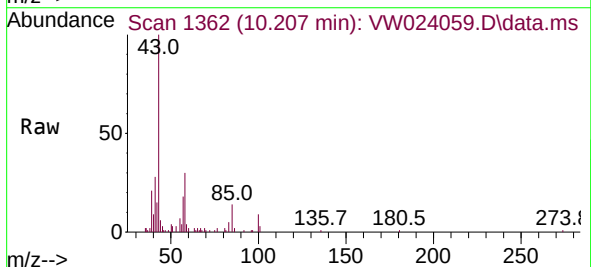
Tgt Ion: 43 Resp: 10065

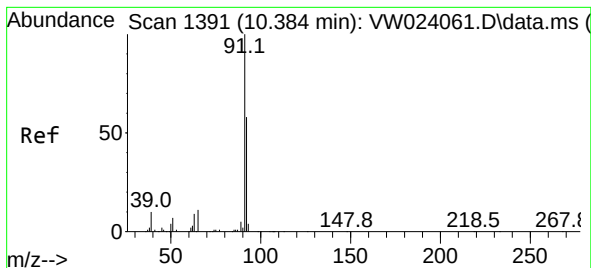
Ion Ratio Lower Upper

43 100

58 35.5 30.8 46.2

100 13.2 13.0 19.6





#42

Toluene

Concen: 2.268 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

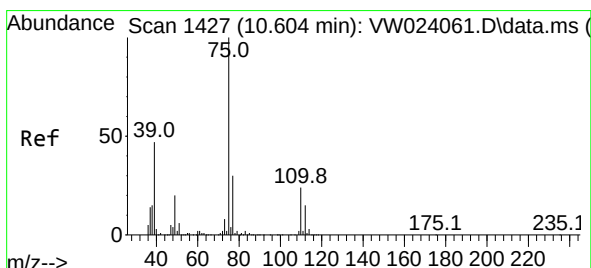
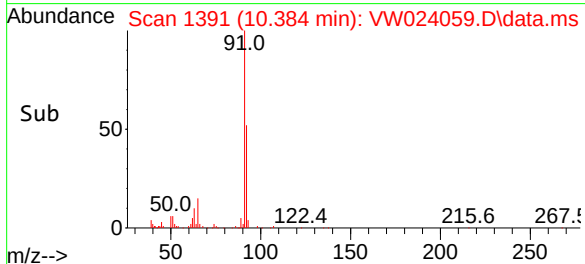
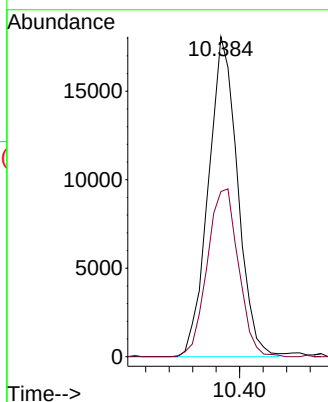
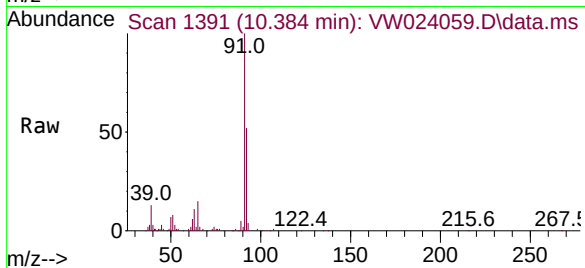
VSTD2.5456

Tgt Ion: 91 Resp: 31261

Ion Ratio Lower Upper

91 100

92 51.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 2.100 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024059.D

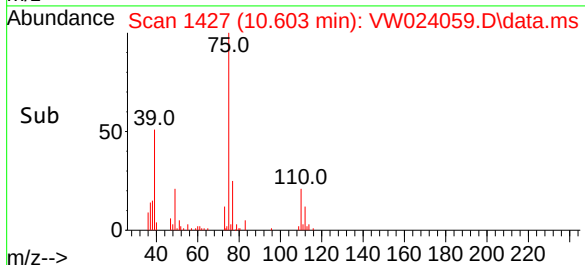
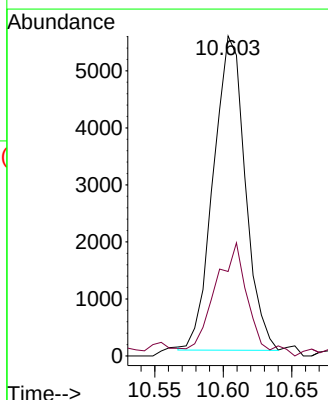
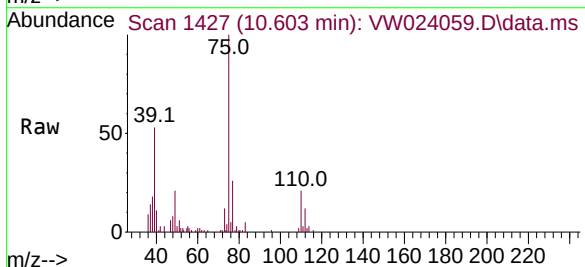
Acq: 25 Jul 2022 08:31

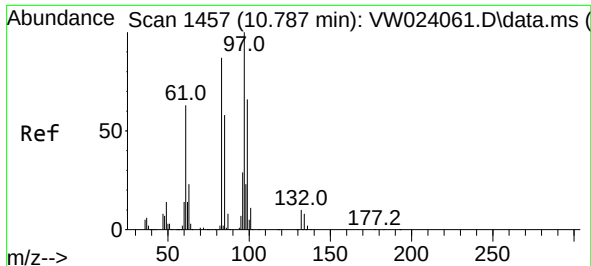
Tgt Ion: 75 Resp: 8925

Ion Ratio Lower Upper

75 100

77 26.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 2.644 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5456

Tgt Ion: 97 Resp: 7115

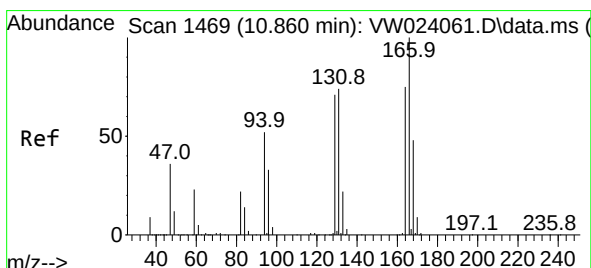
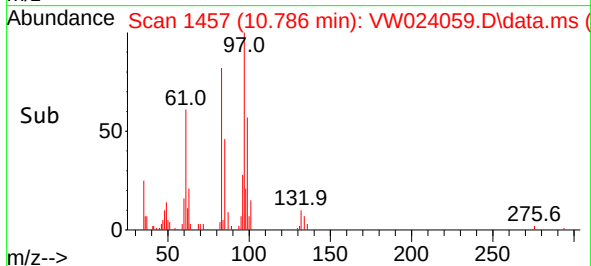
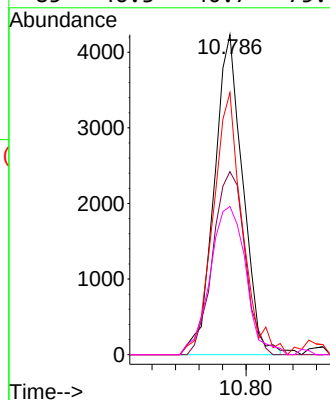
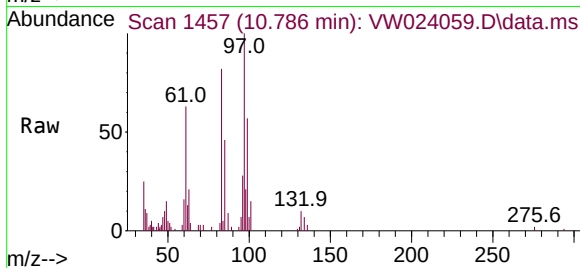
Ion Ratio Lower Upper

97 100

99 57.2 46.2 85.8

83 81.9 61.2 113.6

85 46.3 40.7 75.7



#46

Tetrachloroethene

Concen: 2.538 ug/L

RT: 10.853 min Scan# 1468

Delta R.T. -0.006 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Tgt Ion:164 Resp: 6409

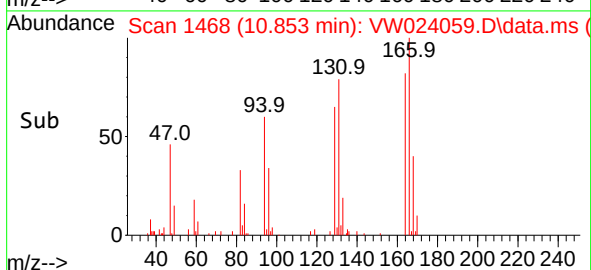
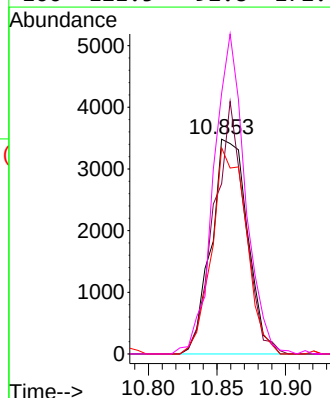
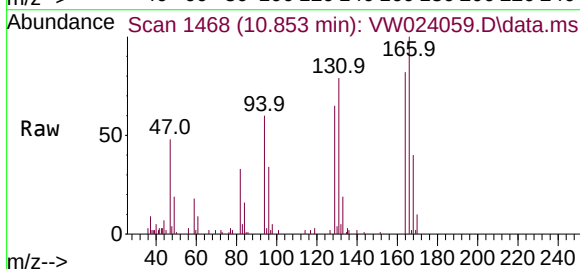
Ion Ratio Lower Upper

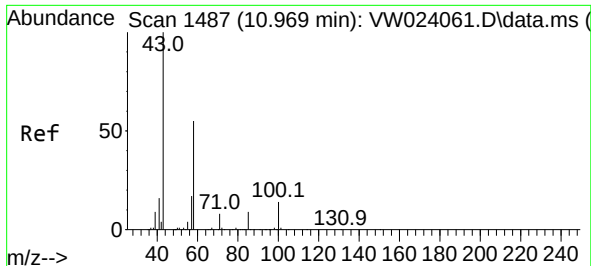
164 100

129 79.3 65.7 122.1

131 96.0 69.2 128.4

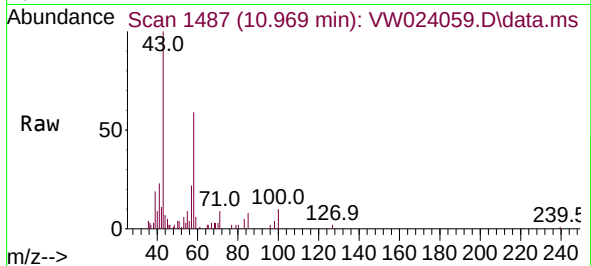
166 121.5 92.8 172.4



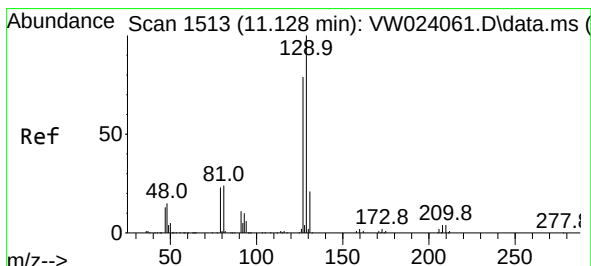
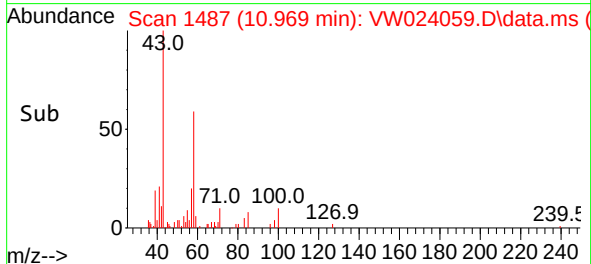
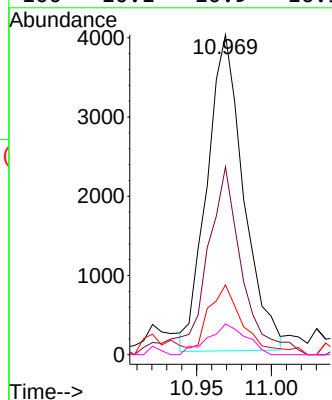


#48
2-Hexanone
Concen: 4.376 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

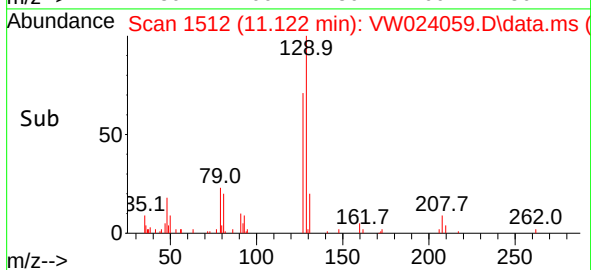
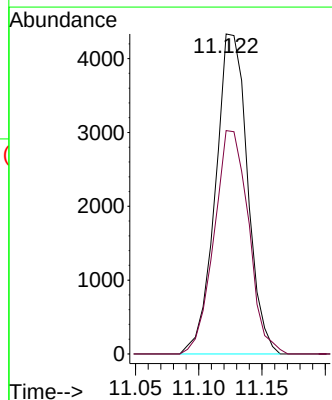
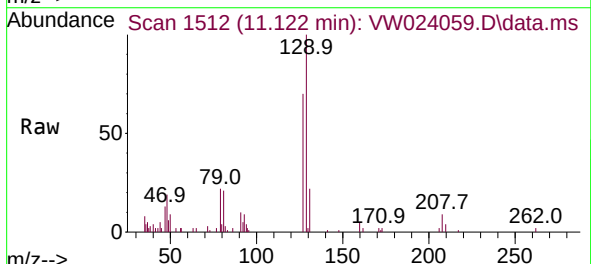


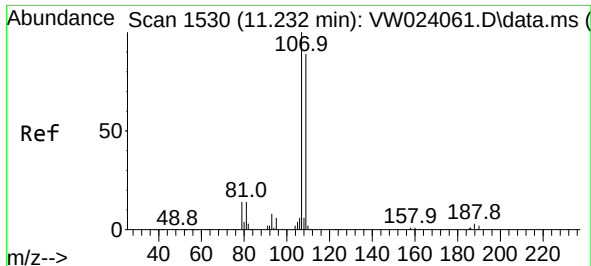
Tgt Ion: 43 Resp: 6799
Ion Ratio Lower Upper
43 100
58 58.8 41.0 61.6
57 18.0 14.5 21.7
100 10.1 10.9 16.3#



#49
Dibromochloromethane
Concen: 2.426 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 129 Resp: 7628
Ion Ratio Lower Upper
129 100
127 69.8 55.0 102.2

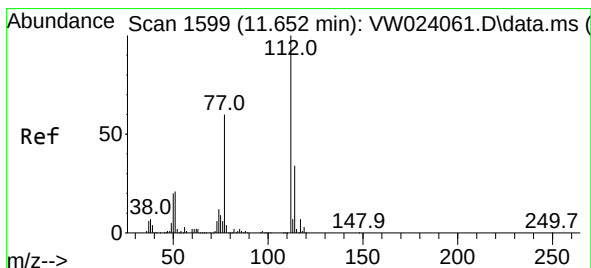
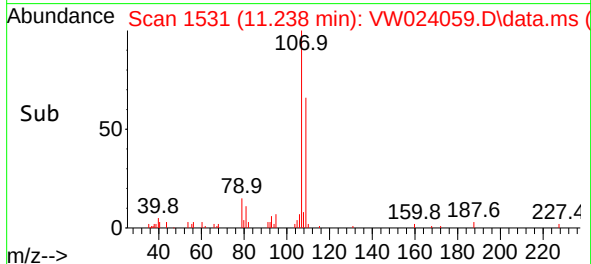
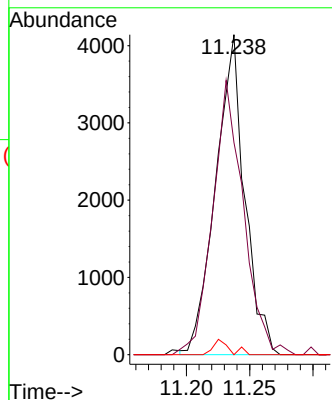
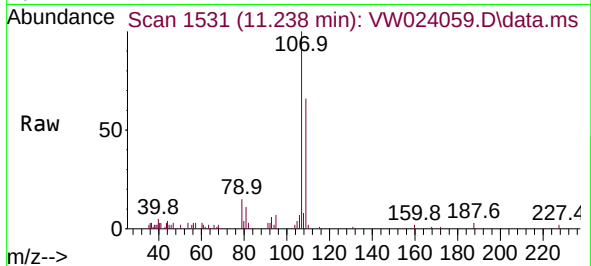




#50
1,2-Dibromoethane
Concen: 2.516 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

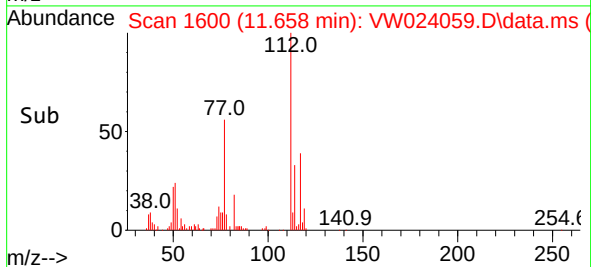
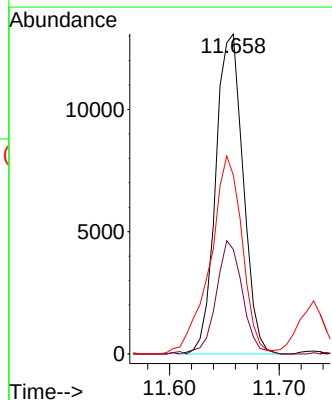
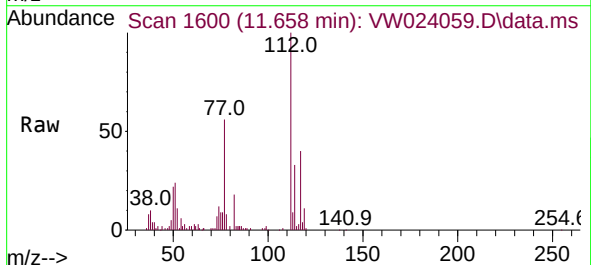
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

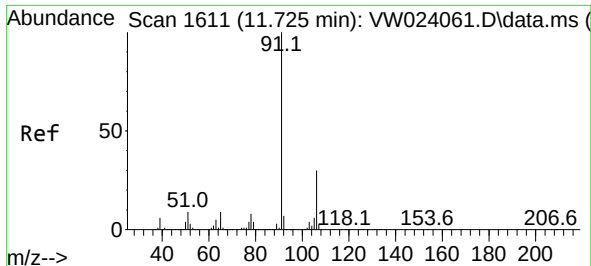
Tgt Ion:107 Resp: 6629
Ion Ratio Lower Upper
107 100
109 66.3 62.2 115.6
188 0.0 2.2 3.2#



#51
Chlorobenzene
Concen: 2.453 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:112 Resp: 22754
Ion Ratio Lower Upper
112 100
114 32.7 23.7 43.9
77 55.9 48.2 72.2

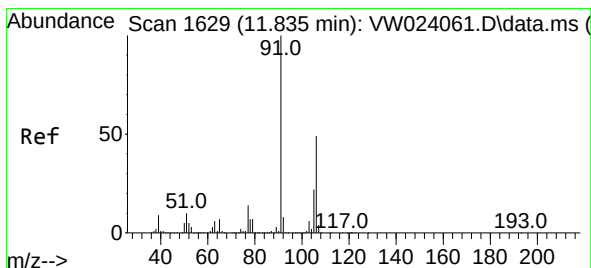
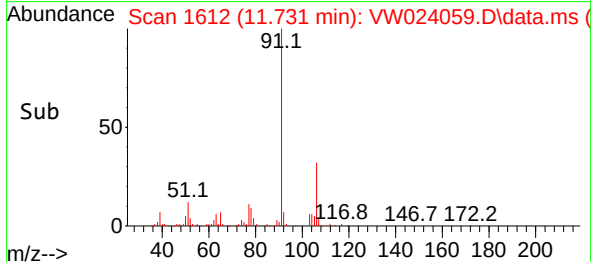
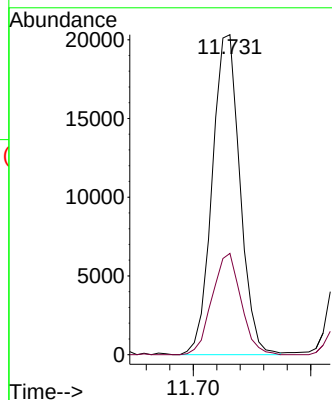
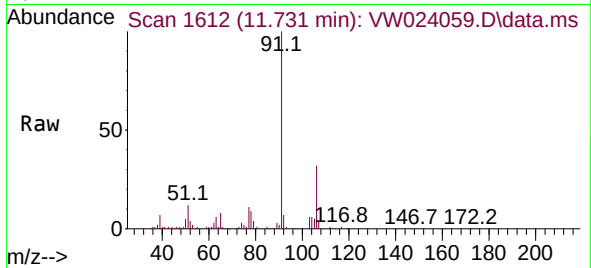




#52
Ethylbenzene
Concen: 2.195 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

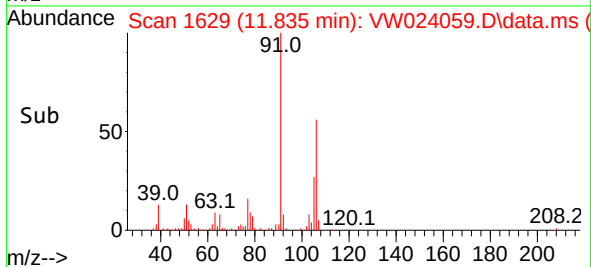
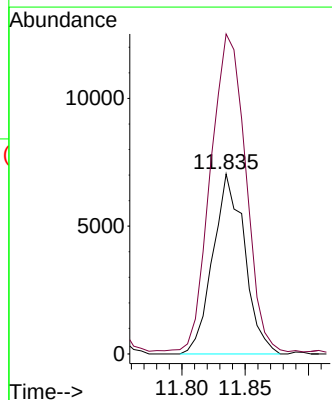
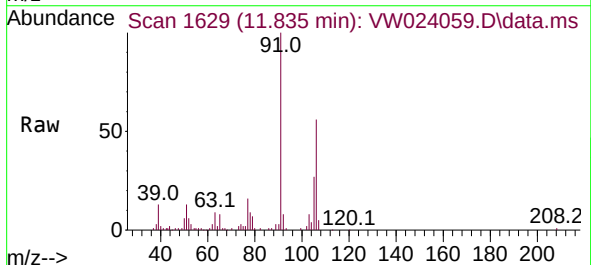
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

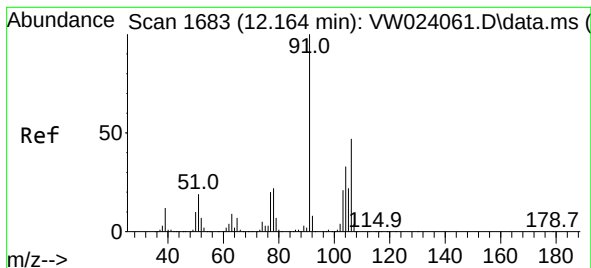
Tgt Ion: 91 Resp: 33345
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 2.078 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:106 Resp: 12251
Ion Ratio Lower Upper
106 100
91 177.7 142.9 265.3

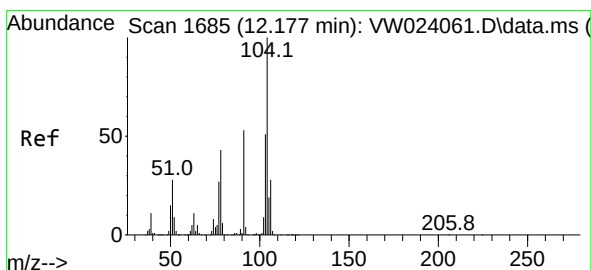
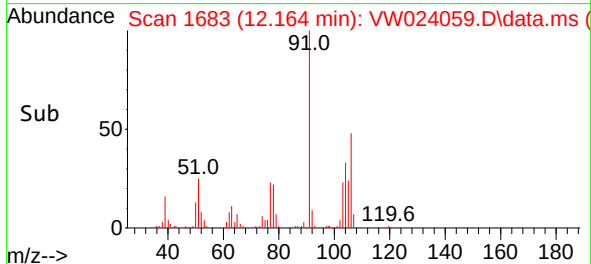
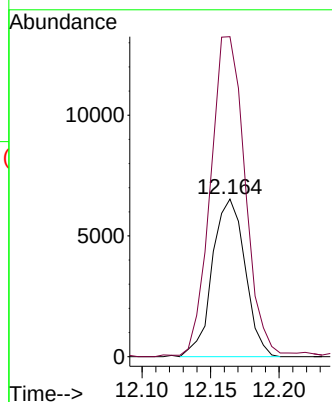
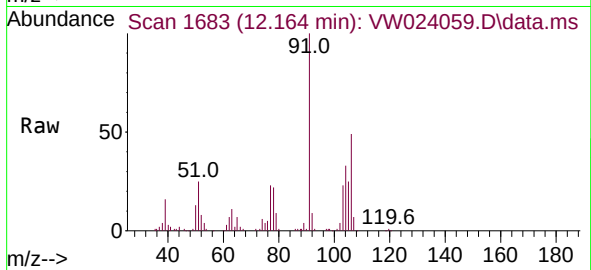




#54
o-Xylene
Concen: 1.926 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

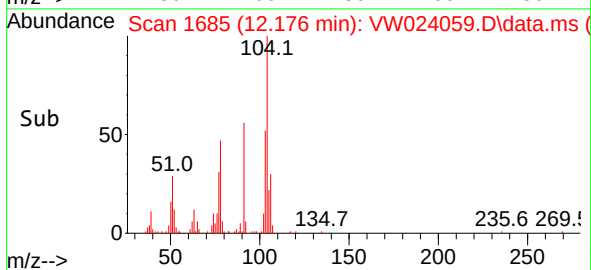
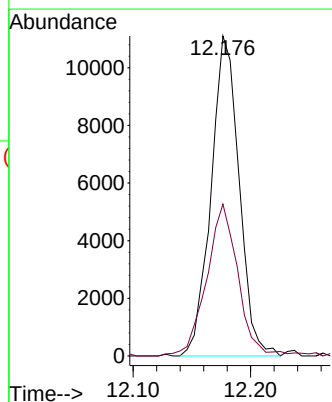
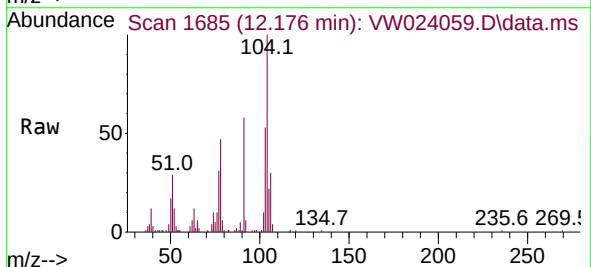
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

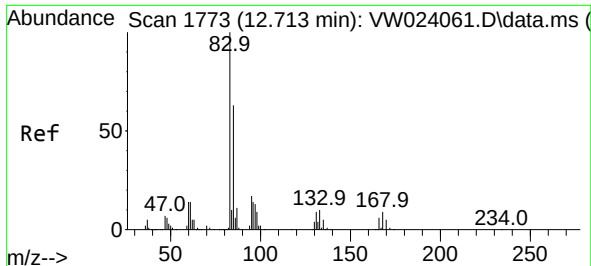
Tgt Ion:106 Resp: 10857
Ion Ratio Lower Upper
106 100
91 203.1 150.6 279.6



#55
Styrene
Concen: 1.826 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:104 Resp: 18441
Ion Ratio Lower Upper
104 100
78 47.5 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.621 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5456

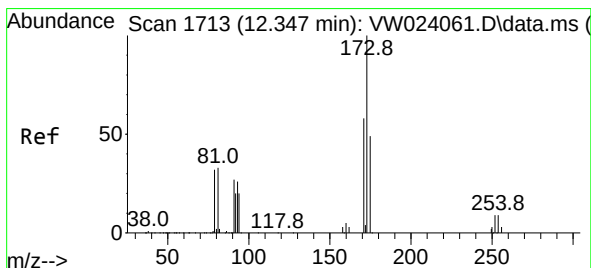
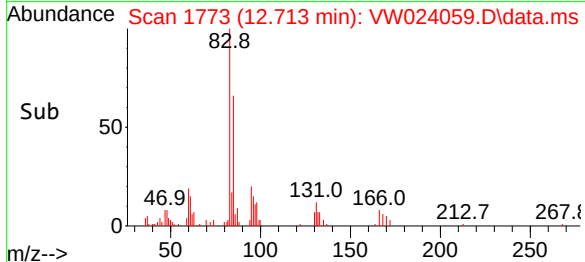
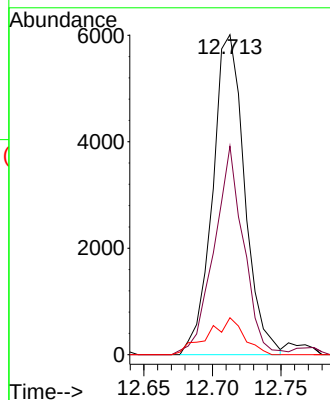
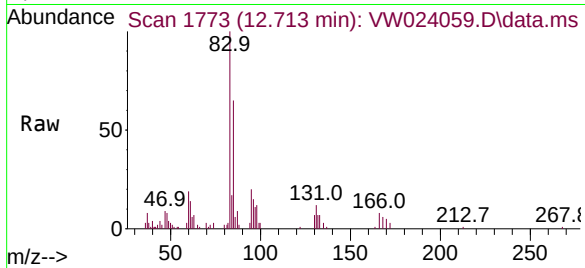
Tgt Ion: 83 Resp: 9778

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.5

131 11.5 7.5 11.3#



#59

Bromoform

Concen: 2.444 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

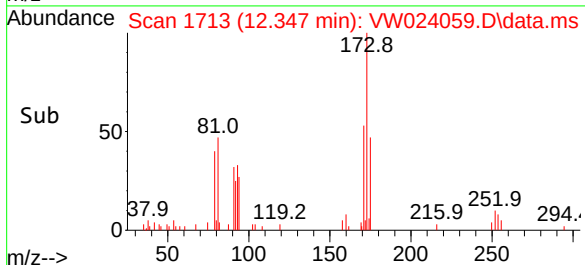
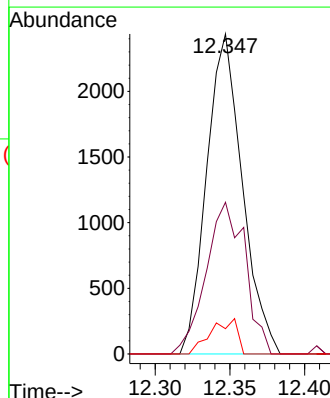
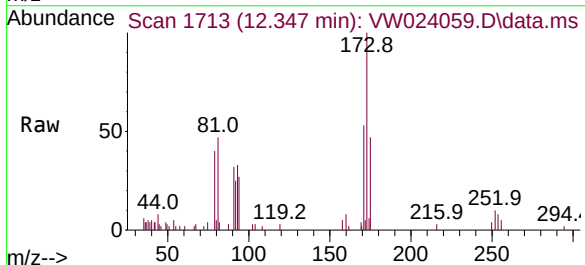
Tgt Ion:173 Resp: 4043

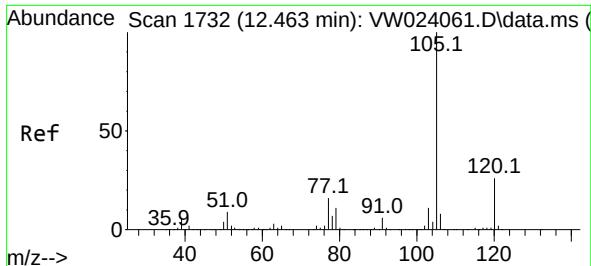
Ion Ratio Lower Upper

173 100

175 51.9 38.4 57.6

254 8.2 7.0 10.4

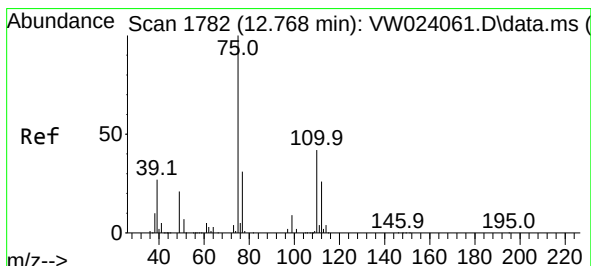
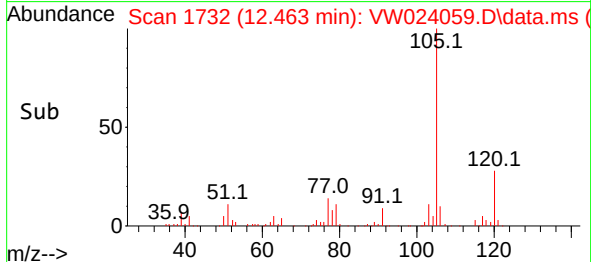
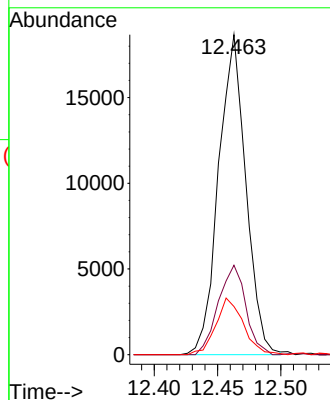
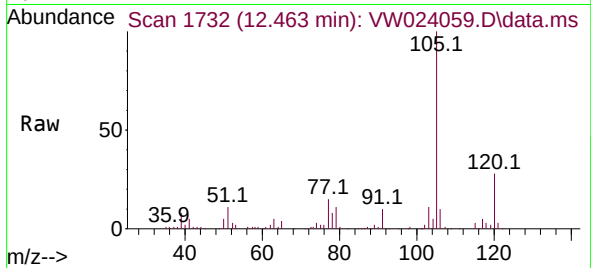




#60
Isopropylbenzene
Concen: 2.066 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

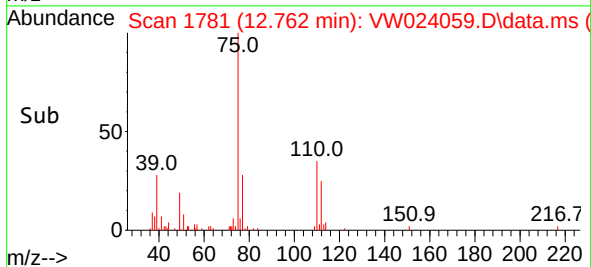
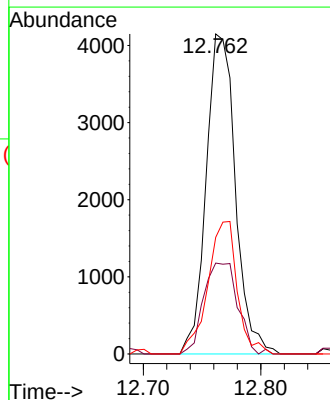
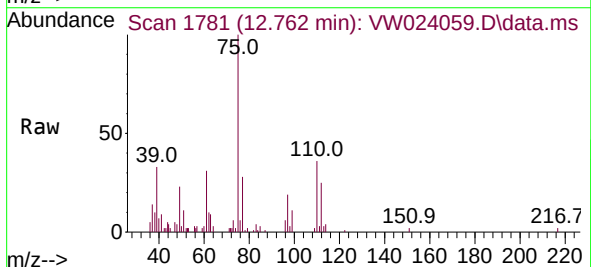
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

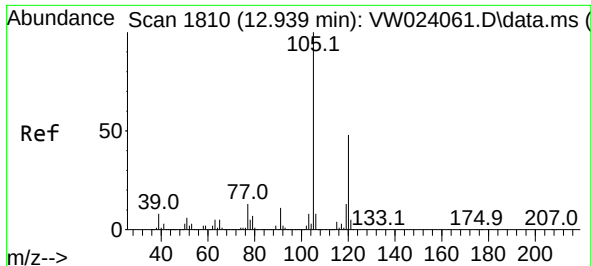
Tgt Ion:105 Resp: 28006
Ion Ratio Lower Upper
105 100
120 28.1 21.1 31.7
77 17.8 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 2.985 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion: 75 Resp: 7180
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
110 41.7 33.0 49.4

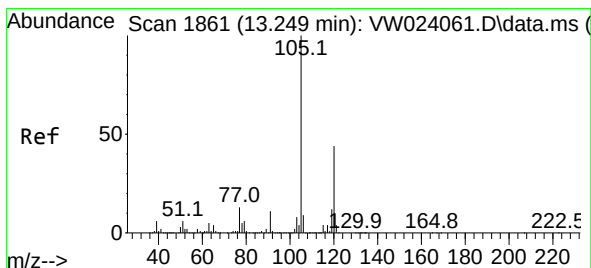
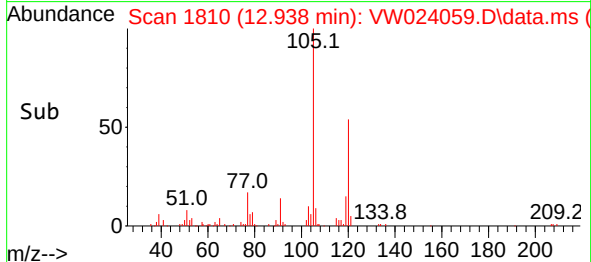
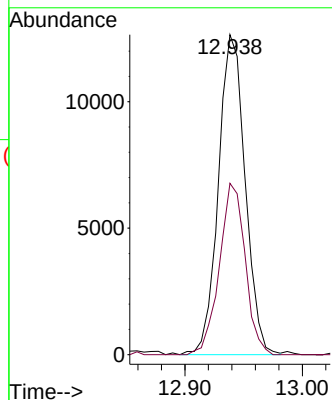
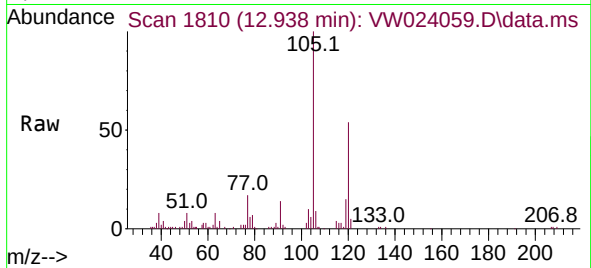




#62
1,3,5-Trimethylbenzene
Concen: 1.835 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

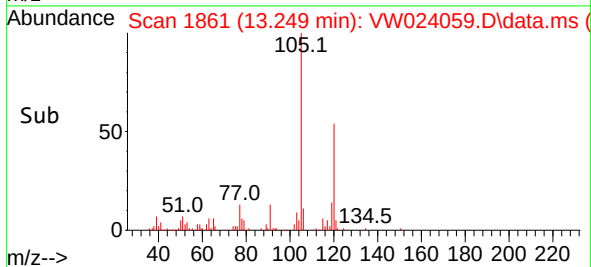
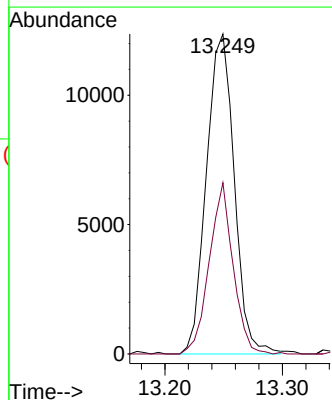
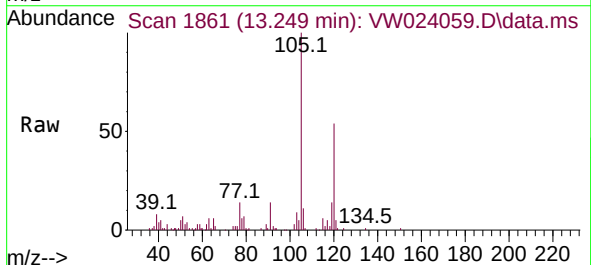
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

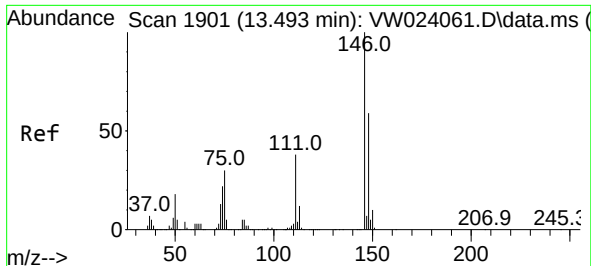
Tgt Ion:105 Resp: 20014
Ion Ratio Lower Upper
105 100
120 51.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 1.844 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:105 Resp: 20358
Ion Ratio Lower Upper
105 100
120 45.9 36.1 54.1

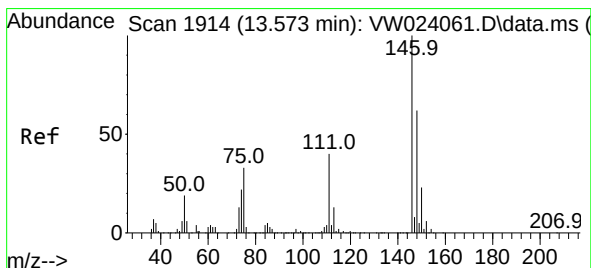
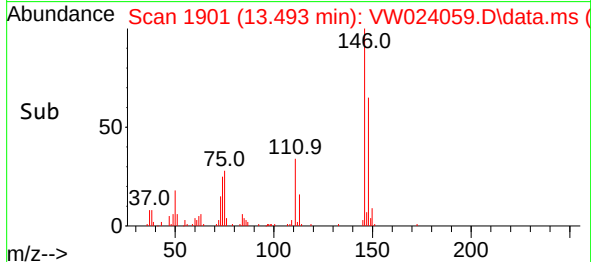
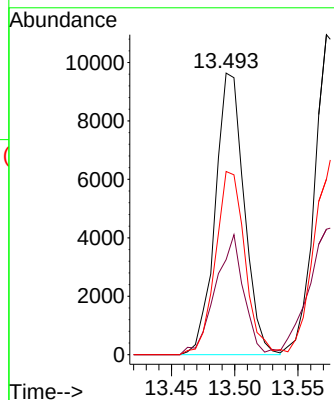
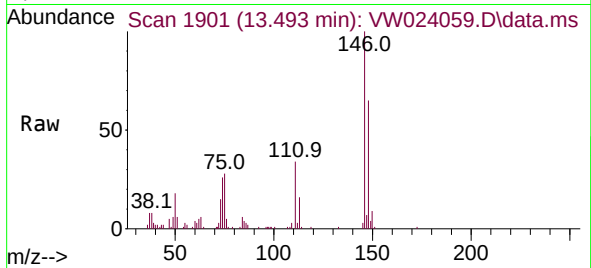




#64
1,3-Dichlorobenzene
Concen: 2.363 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

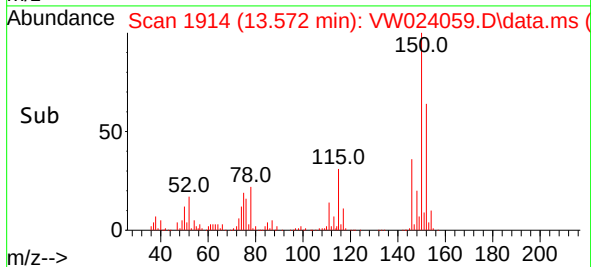
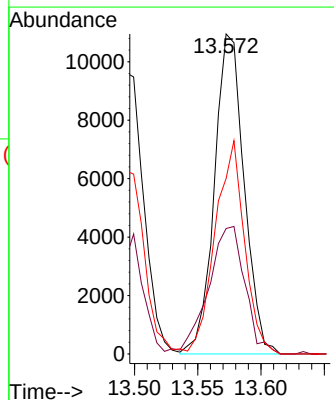
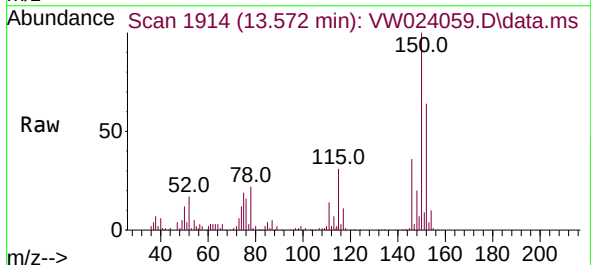
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

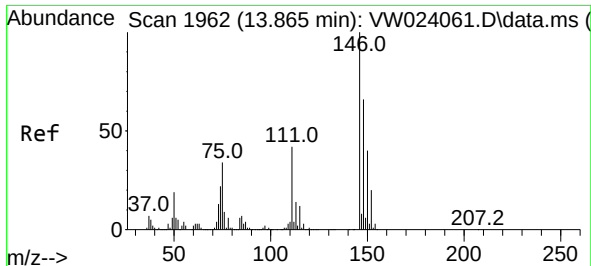
Tgt Ion:146 Resp: 15317
Ion Ratio Lower Upper
146 100
111 33.7 26.4 49.0
148 65.0 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 2.600 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:146 Resp: 17895
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.9
148 54.8 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 2.369 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5456

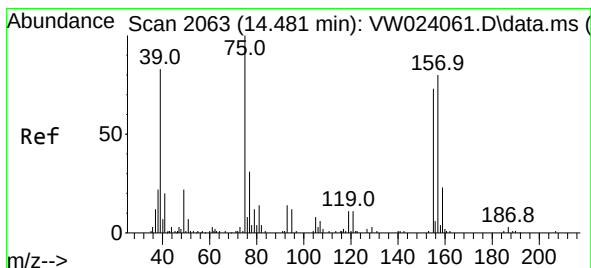
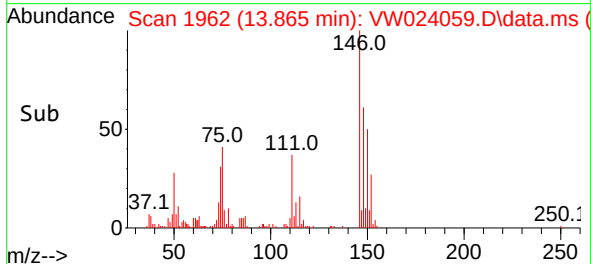
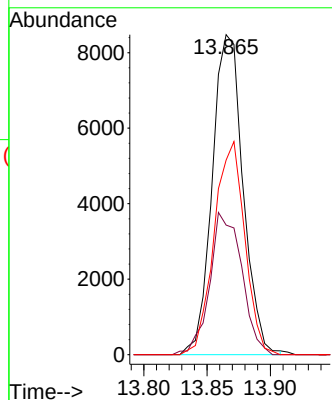
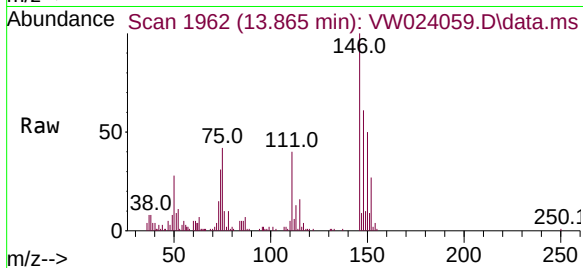
Tgt Ion:146 Resp: 14367

Ion Ratio Lower Upper

146 100

111 40.5 33.9 50.9

148 60.8 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.943 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

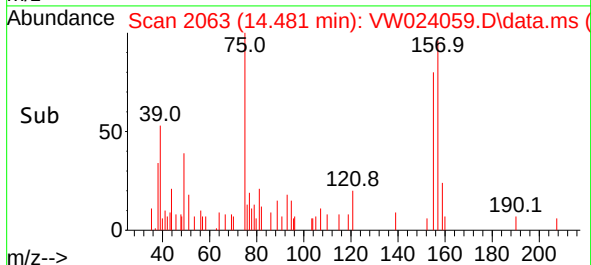
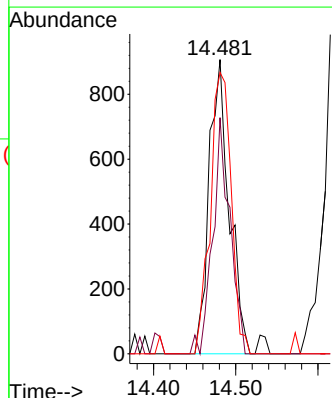
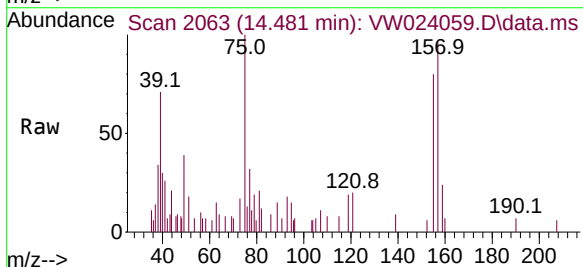
Tgt Ion: 75 Resp: 1582

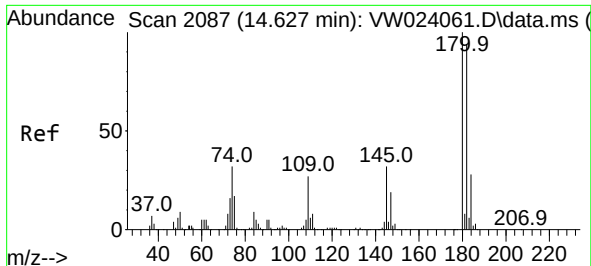
Ion Ratio Lower Upper

75 100

155 80.3 58.6 88.0

157 95.6 64.0 96.0

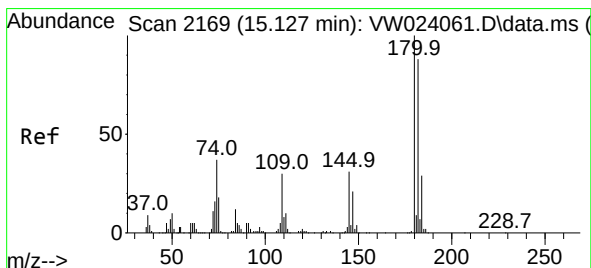
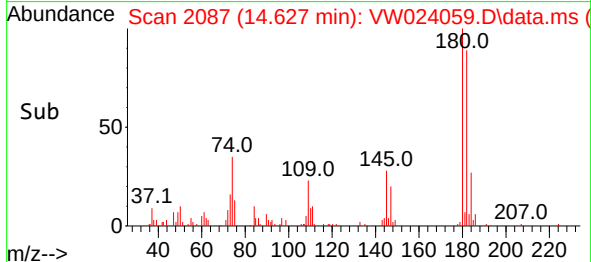
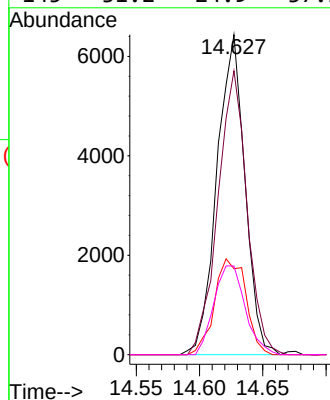
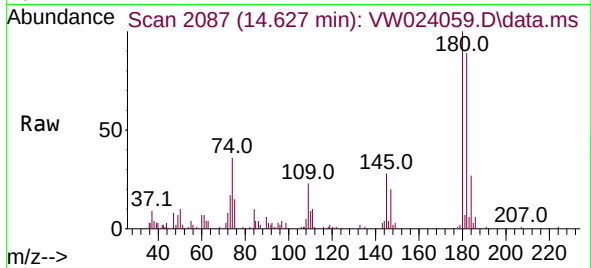




#69
1,3,5-Trichlorobenzene
Concen: 2.388 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

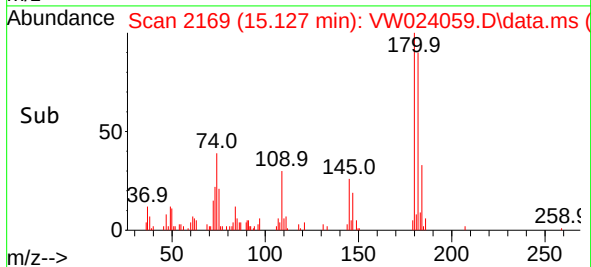
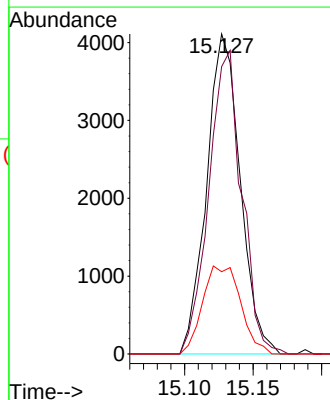
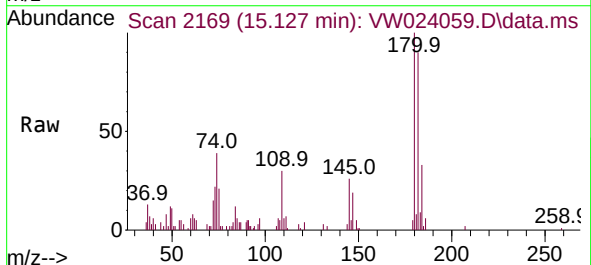
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5456

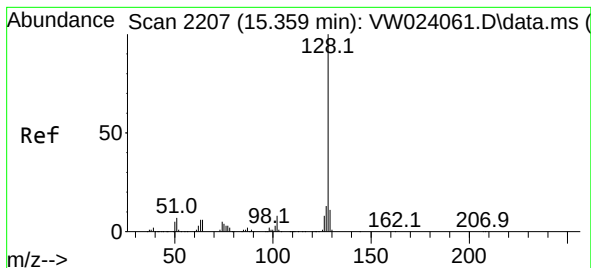
Tgt Ion:	180	Resp:	9874
Ion Ratio	Lower	Upper	
180	100		
182	92.3	73.9	110.9
184	33.7	23.5	35.3
145	31.2	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 2.237 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024059.D
Acq: 25 Jul 2022 08:31

Tgt Ion:	180	Resp:	7008
Ion Ratio	Lower	Upper	
180	100		
182	92.8	72.0	108.0
145	31.1	24.9	37.3





#71

Naphthalene

Concen: 1.925 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5456

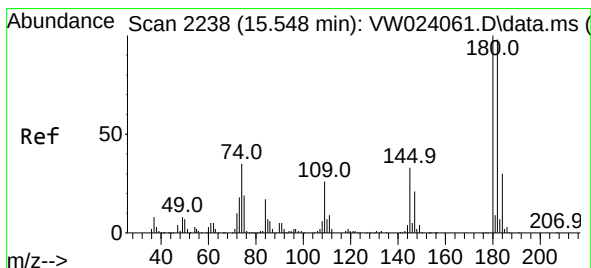
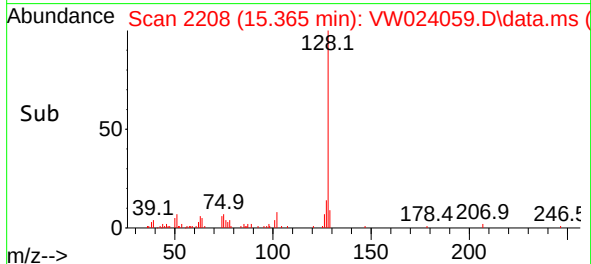
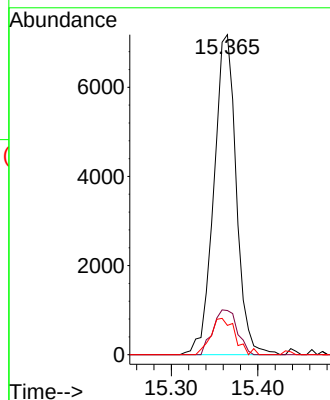
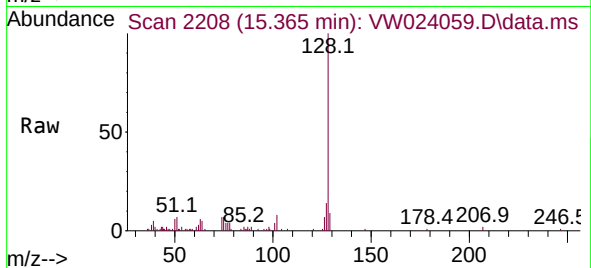
Tgt Ion:128 Resp: 12905

Ion Ratio Lower Upper

128 100

127 15.2 11.0 16.4

129 12.0 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 2.223 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024059.D

Acq: 25 Jul 2022 08:31

Tgt Ion:180 Resp: 6550

Ion Ratio Lower Upper

180 100

182 82.1 77.8 116.8

145 33.0 27.6 41.4

