

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026511.D
 Acq On : 03 Jul 2023 16:18
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5478

Quant Time: Jul 04 01:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	725173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	636893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	315082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	17483	1.737	ug/L	0.00
7) Chloroethane-d5	2.887	69	16644	2.048	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10329	2.078	ug/L	0.00
21) 2-Butanone-d5	7.087	46	18327	4.595	ug/L	0.01
24) Chloroform-d	7.648	84	48922	2.326	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	29978	2.452	ug/L	0.00
32) Benzene-d6	8.276	84	99523	2.330	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	32965	2.419	ug/L	0.00
41) Toluene-d8	10.325	98	92948	2.429	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	12328	2.256	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	10785	4.299	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.696	84	26864	2.422	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	28989	2.430	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	12405	1.587	ug/L #	89
3) Chloromethane	2.223	50	26515	2.137	ug/L	99
5) Vinyl chloride	2.375	62	25036	2.099	ug/L	92
6) Bromomethane	2.783	94	14274	2.094	ug/L	93
8) Chloroethane	2.924	64	15869	2.262	ug/L	99
9) Trichlorofluoromethane	3.265	101	16063	1.996	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	18723	1.965	ug/L #	55
12) 1,1-Dichloroethene	4.033	96	7259	0.798	ug/L	82
13) Acetone	4.125	43	12665	5.054	ug/L	95
14) Carbon disulfide	4.393	76	67902	2.363	ug/L	97
15) Methyl Acetate	4.667	43	6469	1.013	ug/L	98
16) Methylene chloride	4.917	84	48162	3.847	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	22713	2.273	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	38290	2.236	ug/L #	86
19) 1,1-Dichloroethane	6.216	63	48112	2.277	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	25346	2.242	ug/L	94
22) 2-Butanone	7.179	43	19217	4.325	ug/L	99
23) Bromochloromethane	7.514	128	11049	2.311	ug/L	92
25) Chloroform	7.679	83	46178	2.347	ug/L	94
27) 1,2-Dichloroethane	8.404	62	33591	2.344	ug/L	100
29) Cyclohexane	7.953	56	40510	2.149	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	34847	2.336	ug/L	96
31) Carbon tetrachloride	8.069	117	30373	2.264	ug/L	96
33) Benzene	8.325	78	102464	2.367	ug/L	100
34) Trichloroethene	9.093	95	26364	2.375	ug/L	97
35) Methylcyclohexane	9.331	83	42620	2.246	ug/L	96
37) 1,2-Dichloropropane	9.368	63	27955	2.354	ug/L	98
38) Bromodichloromethane	9.648	83	30987	2.232	ug/L #	93
39) cis-1,3-Dichloropropene	10.075	75	37544	2.163	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	37202	4.146	ug/L	98
42) Toluene	10.386	91	102636	2.325	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	30236	2.071	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

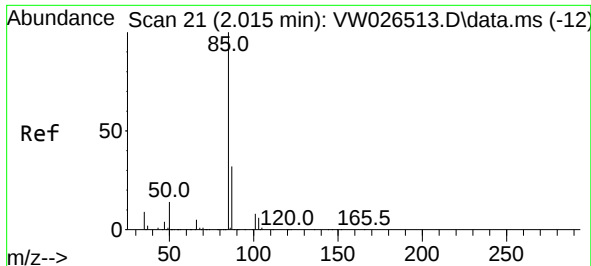
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	18744	2.276	ug/L	96
46) Tetrachloroethene	10.861	164	17711	2.370	ug/L	86
48) 2-Hexanone	10.971	43	25187	4.158	ug/L #	97
49) Dibromochloromethane	11.129	129	18490	2.189	ug/L	92
50) 1,2-Dibromoethane	11.233	107	18004	2.330	ug/L	95
51) Chlorobenzene	11.654	112	65128	2.369	ug/L	97
52) Ethylbenzene	11.727	91	113551	2.274	ug/L	99
53) m,p-Xylene	11.837	106	40611	2.203	ug/L	91
54) o-Xylene	12.166	106	40489	2.302	ug/L	95
55) Styrene	12.178	104	64052	2.139	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	25432	2.380	ug/L	97
59) Bromoform	12.349	173	10720	2.176	ug/L	97
60) Isopropylbenzene	12.465	105	108324	2.209	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	18865	2.310	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	84031	2.122	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	77354	2.026	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	47513	2.313	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	48531	2.352	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	44100	2.399	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	4893	2.504	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	32002	2.354	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	27126	2.315	ug/L	100
71) Naphthalene	15.360	128	54688	2.103	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	24880	2.381	ug/L	97

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

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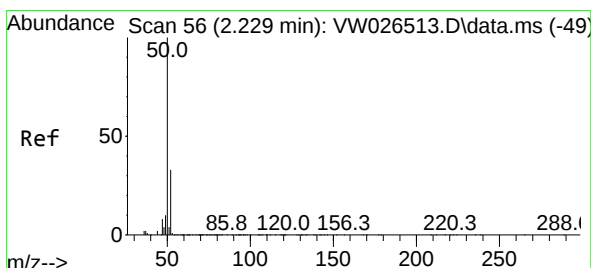
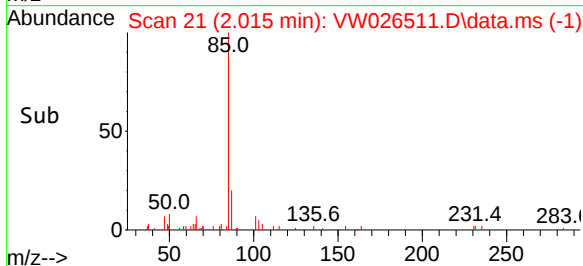
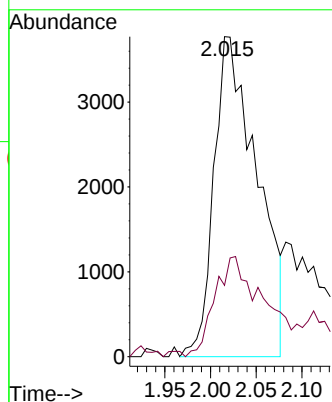
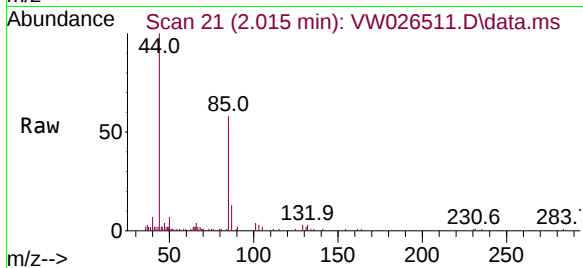




#2
Dichlorodifluoromethane
Concen: 1.587 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

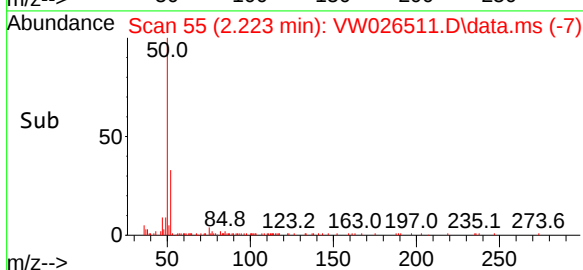
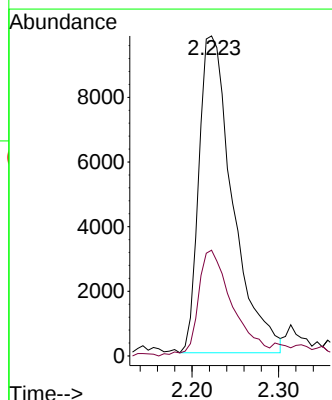
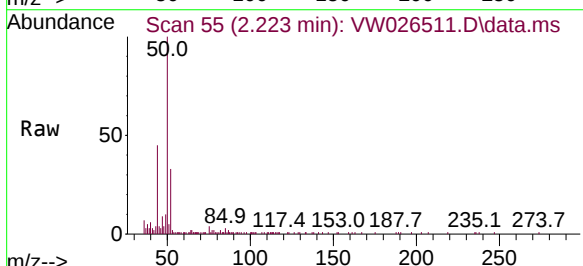
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

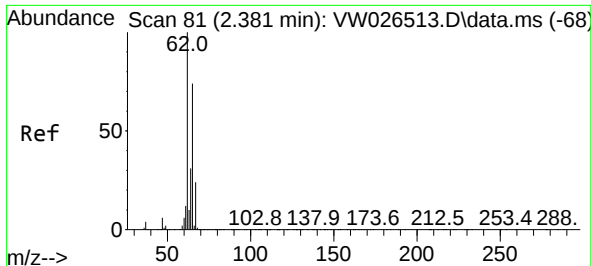
Tgt Ion: 85 Resp: 12405
Ion Ratio Lower Upper
85 100
87 23.7 23.8 35.8#



#3
Chloromethane
Concen: 2.137 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 50 Resp: 26515
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

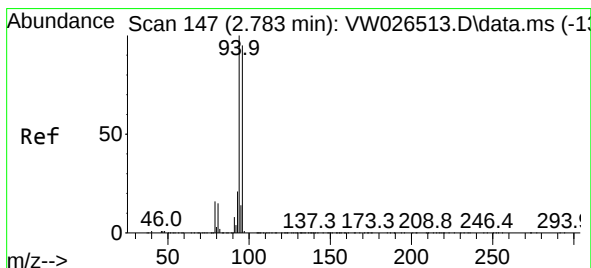
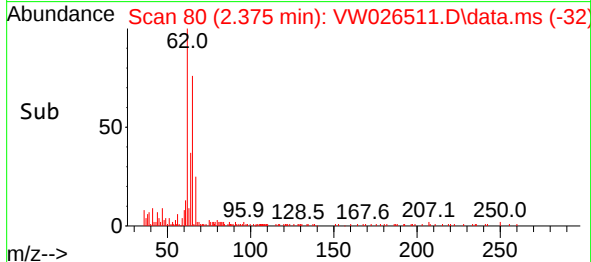
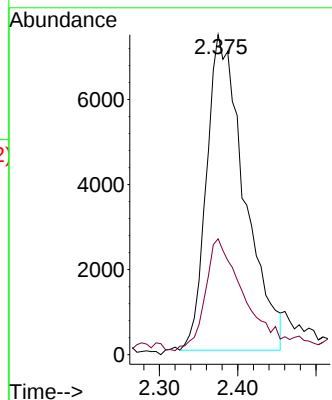
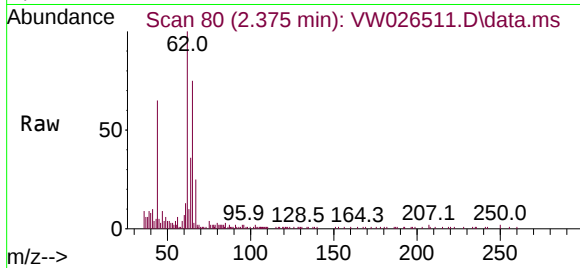




#5
 Vinyl chloride
 Concen: 2.099 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026511.D
 Acq: 03 Jul 2023 16:18

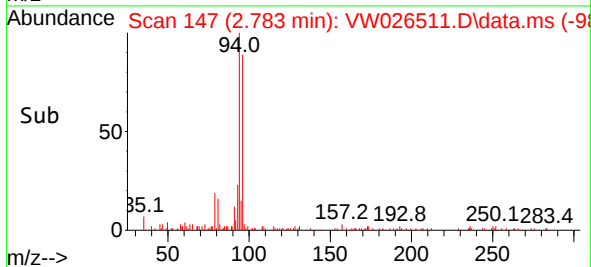
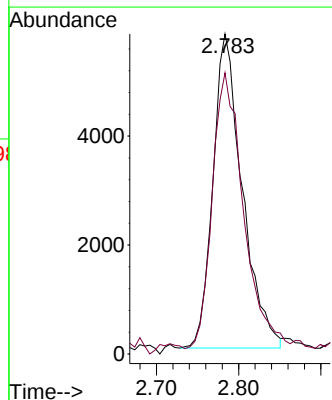
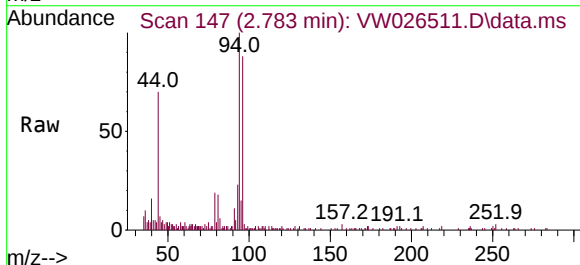
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 VSTD2.5478

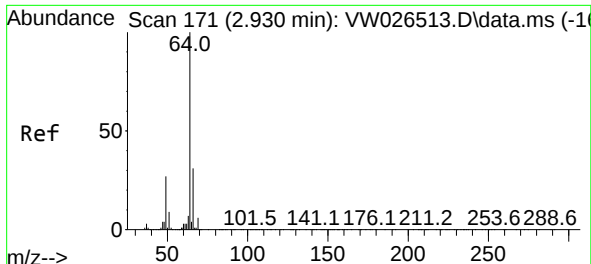
Tgt Ion: 62 Resp: 25036
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.1 41.1



#6
 Bromomethane
 Concen: 2.094 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026511.D
 Acq: 03 Jul 2023 16:18

Tgt Ion: 94 Resp: 14274
 Ion Ratio Lower Upper
 94 100
 96 87.8 66.3 123.1

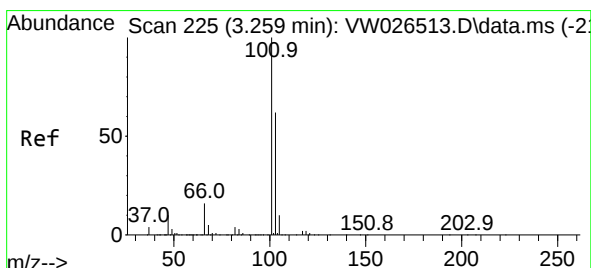
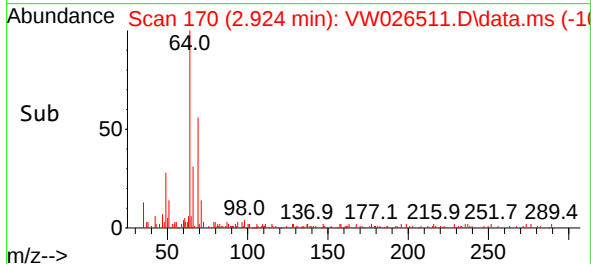
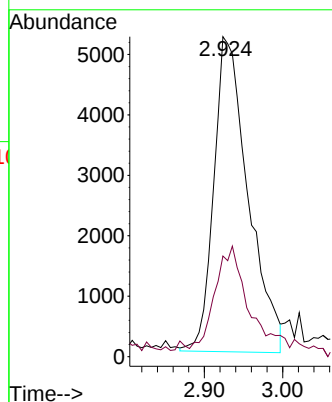
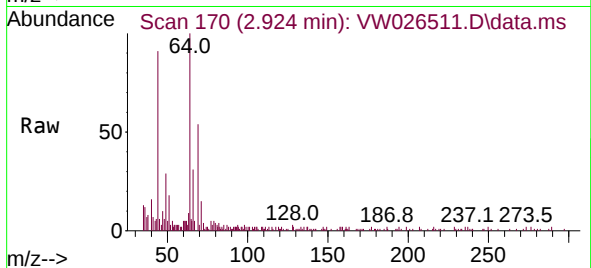




#8
Chloroethane
Concen: 2.262 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

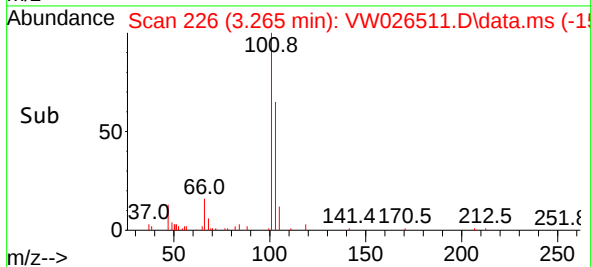
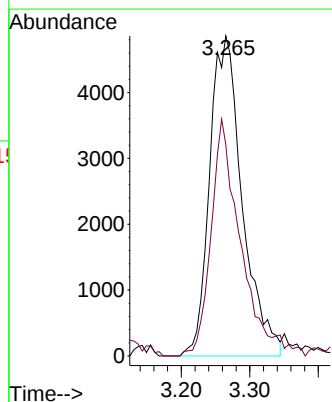
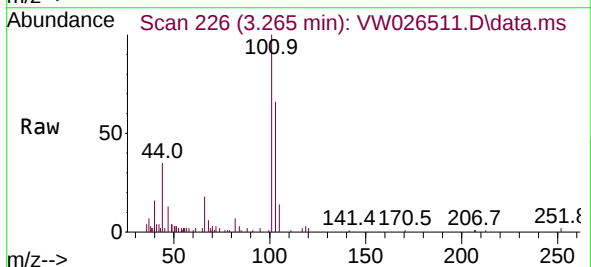
Instrument :
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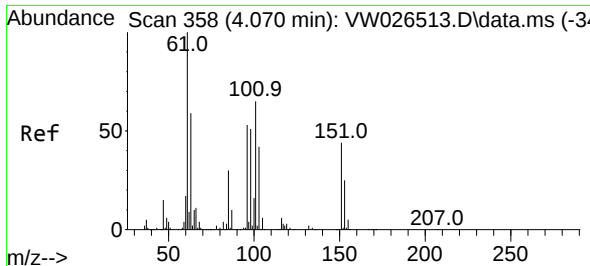
Tgt Ion: 64 Resp: 15869
Ion Ratio Lower Upper
64 100
66 31.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 1.996 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 101 Resp: 16063
Ion Ratio Lower Upper
101 100
103 61.6 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.965 ug/L

RT: 4.070 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

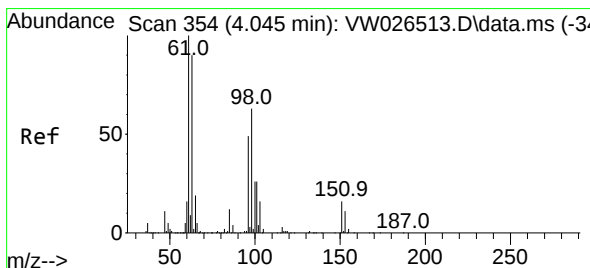
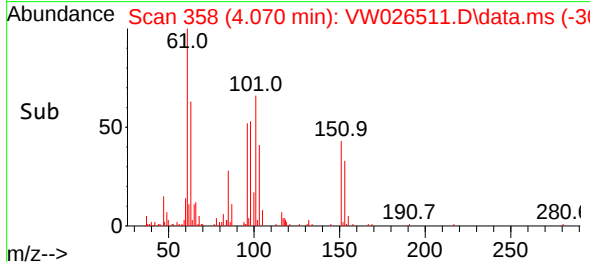
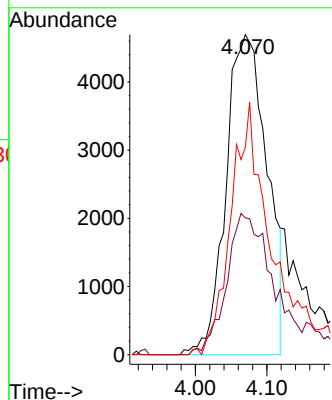
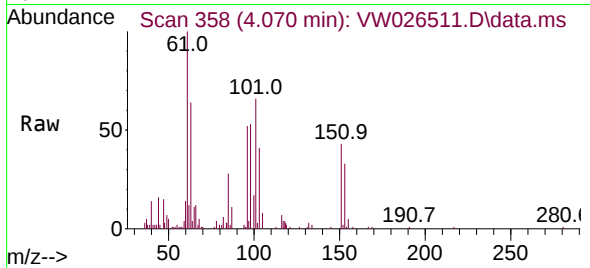
Tgt Ion:101 Resp: 18723

Ion Ratio Lower Upper

101 100

85 30.8 35.4 53.0#

151 20.3 55.2 82.8#



#12

1,1-Dichloroethene

Concen: 0.798 ug/L

RT: 4.033 min Scan# 352

Delta R.T. -0.012 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

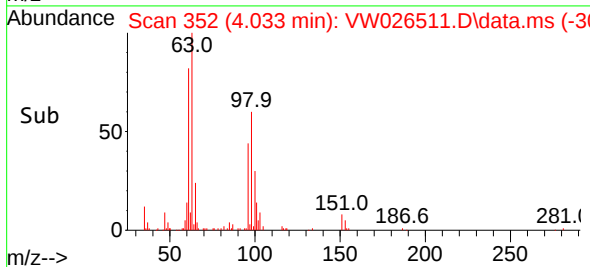
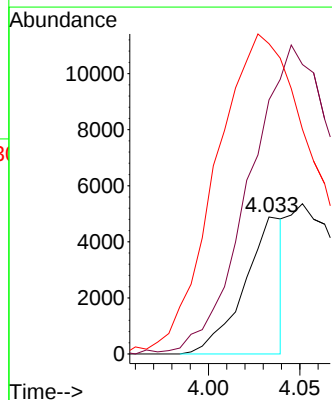
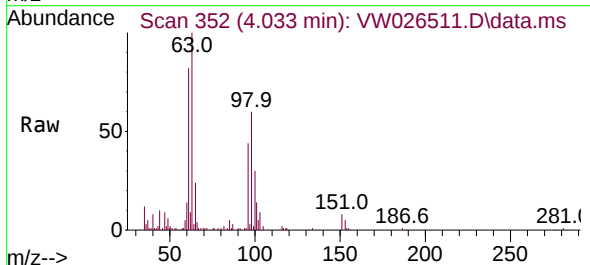
Tgt Ion: 96 Resp: 7259

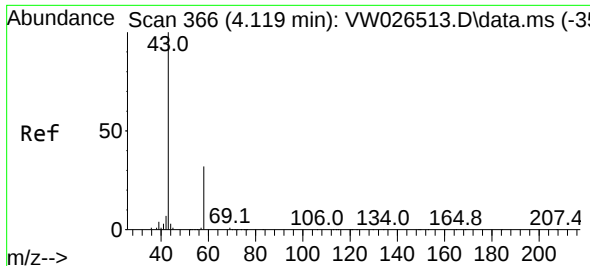
Ion Ratio Lower Upper

96 100

61 185.6 142.9 265.5

63 226.6 132.7 246.5

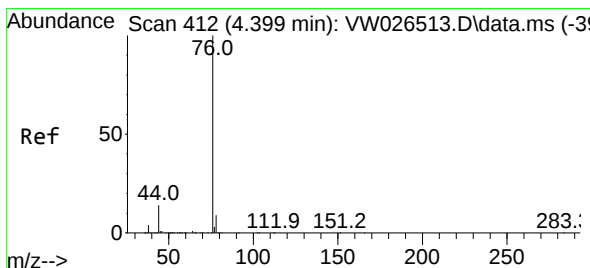
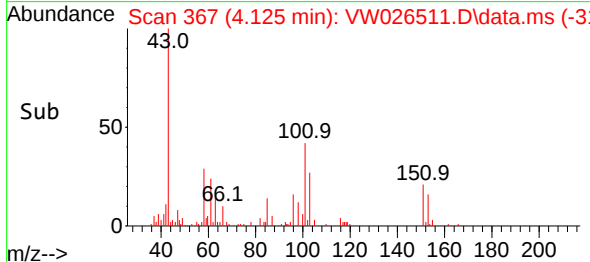
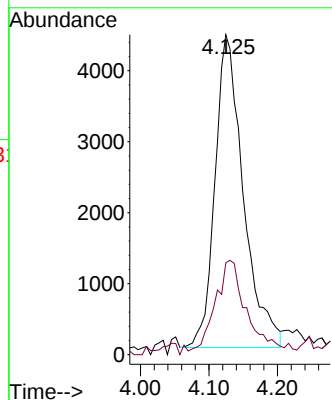
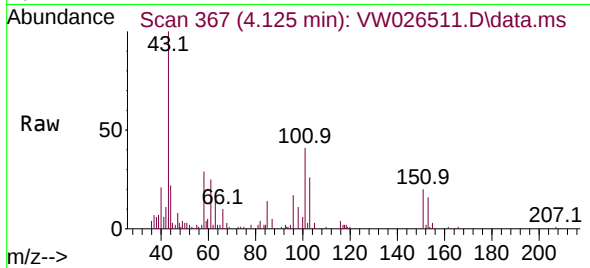




#13
Acetone
Concen: 5.054 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

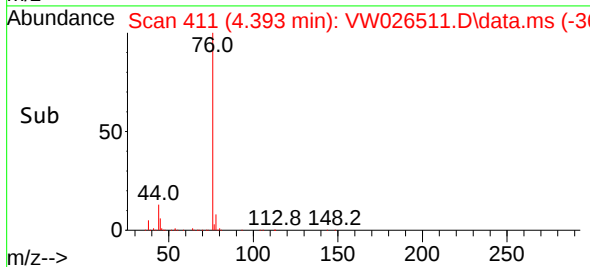
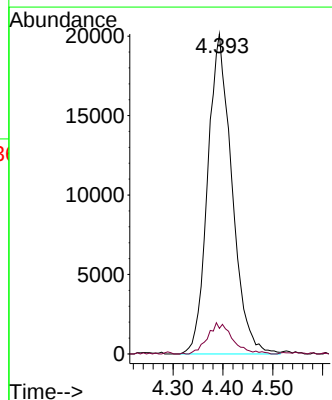
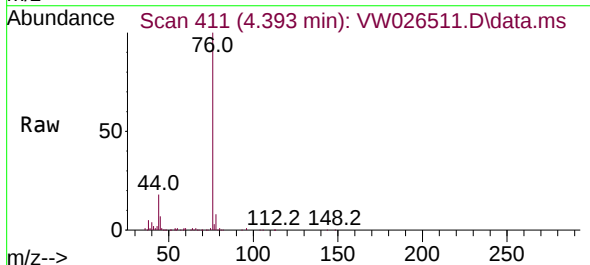
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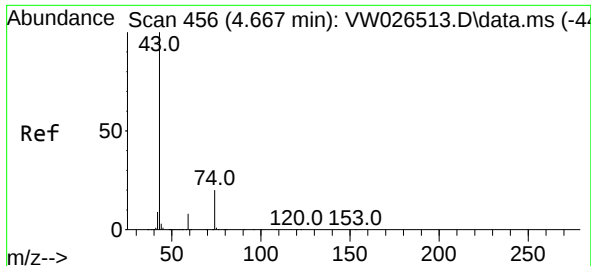
Tgt Ion: 43 Resp: 12665
Ion Ratio Lower Upper
43 100
58 32.4 0.0 59.6



#14
Carbon disulfide
Concen: 2.363 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 76 Resp: 67902
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

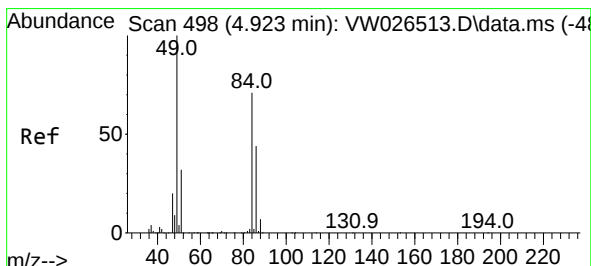
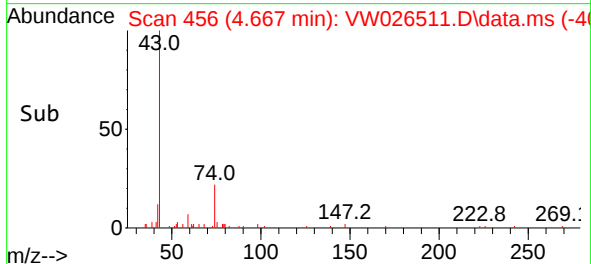
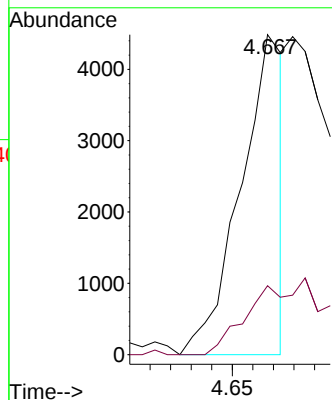
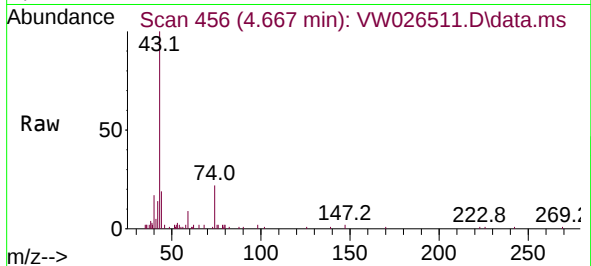




#15
Methyl Acetate
Concen: 1.013 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

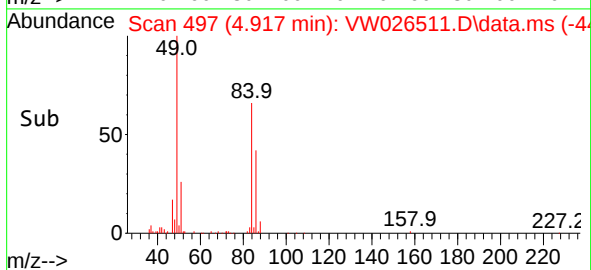
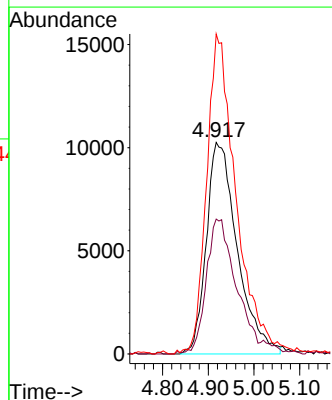
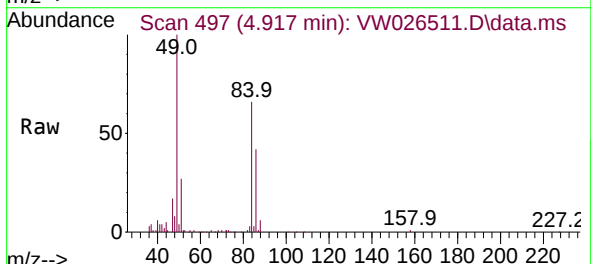
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

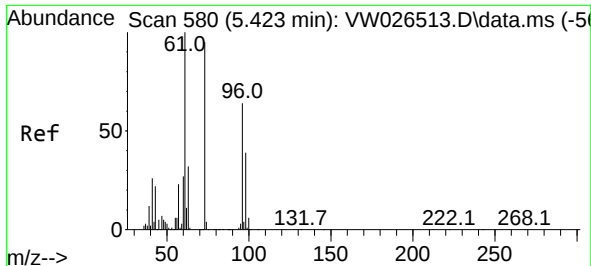
Tgt Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
74 19.6 16.6 24.8



#16
Methylene chloride
Concen: 3.847 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 84 Resp: 48162
Ion Ratio Lower Upper
84 100
86 63.8 43.3 80.5
49 151.2 99.3 184.3

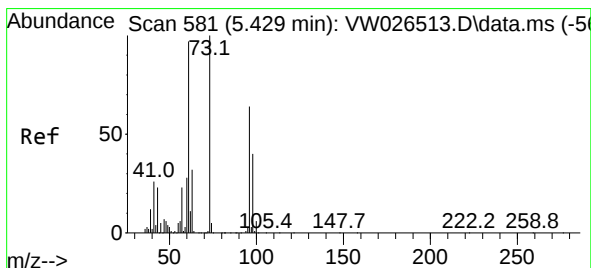
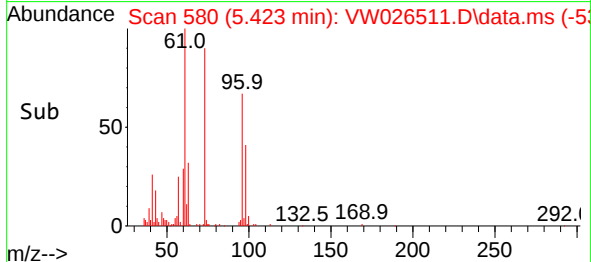
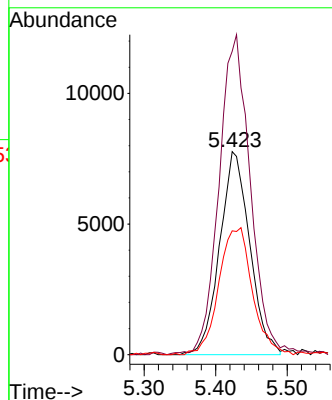
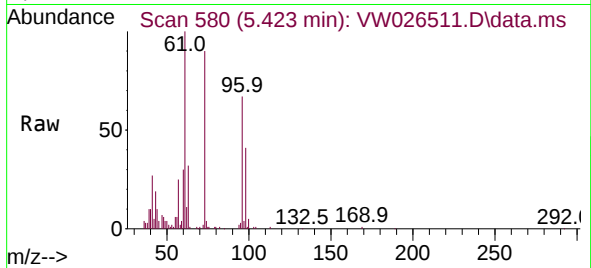




#17
trans-1,2-Dichloroethene
Concen: 2.273 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

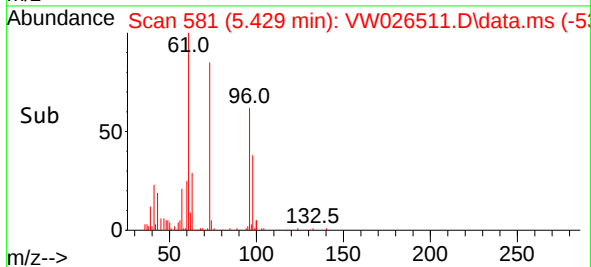
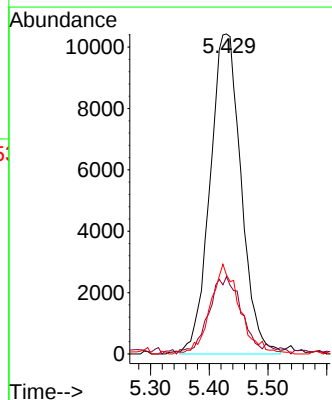
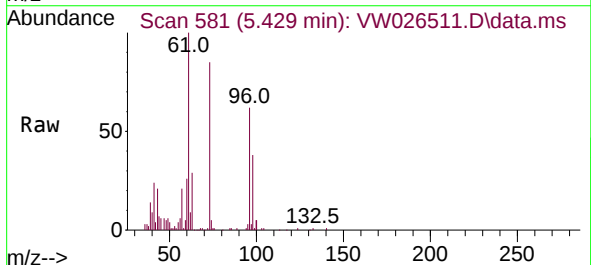
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

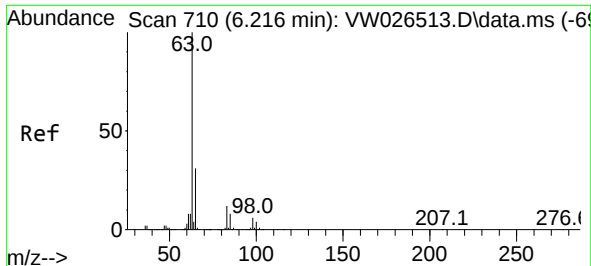
Tgt Ion: 96 Resp: 22713
Ion Ratio Lower Upper
96 100
61 149.4 109.7 203.7
98 61.0 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 2.236 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 73 Resp: 38290
Ion Ratio Lower Upper
73 100
43 10.4 17.8 26.8
57 25.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 2.277 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

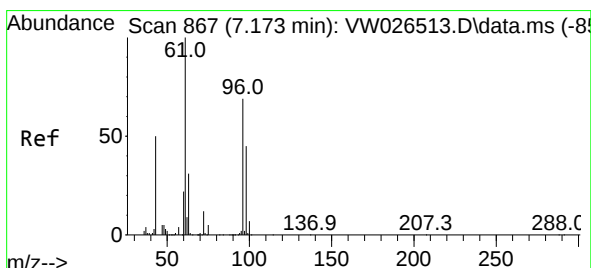
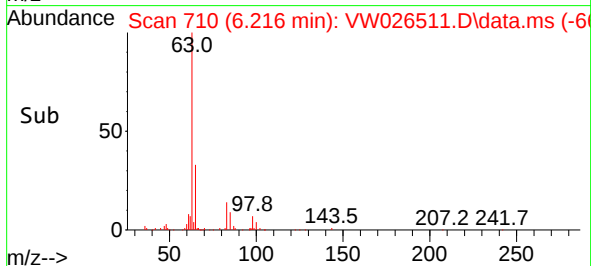
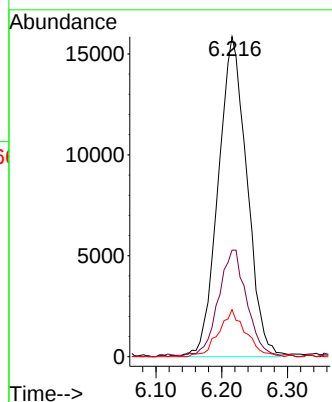
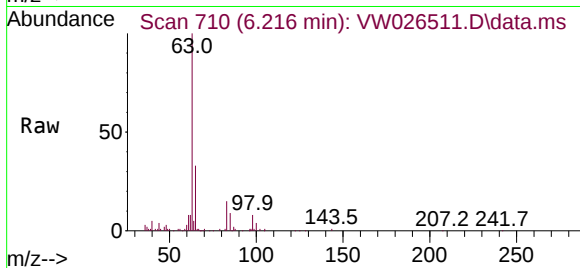
Tgt Ion: 63 Resp: 48112

Ion Ratio Lower Upper

63 100

65 33.3 21.8 40.4

83 14.7 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 2.242 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

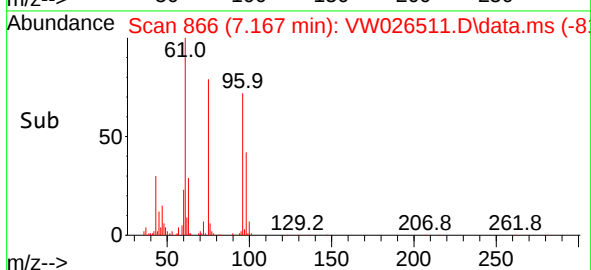
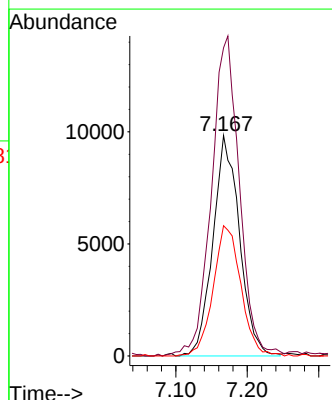
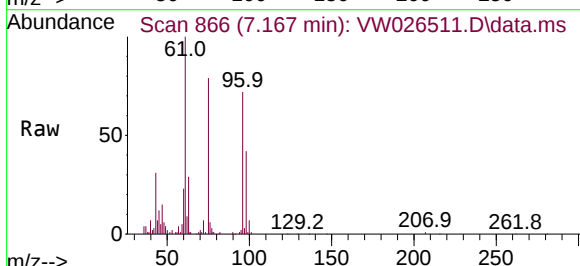
Tgt Ion: 96 Resp: 25346

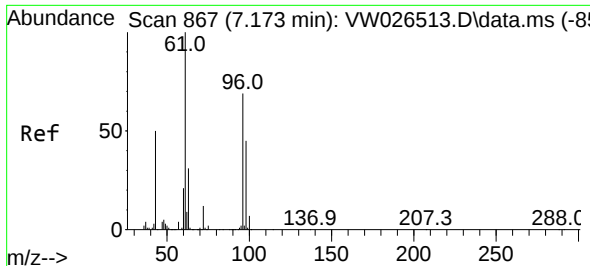
Ion Ratio Lower Upper

96 100

61 139.7 101.9 189.3

98 59.0 45.9 85.3

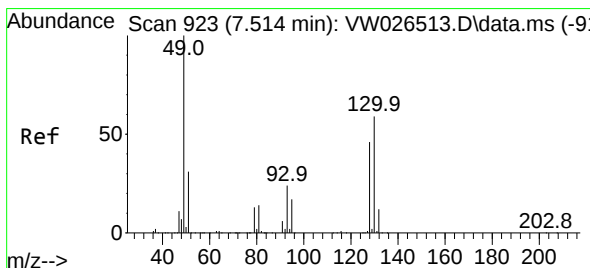
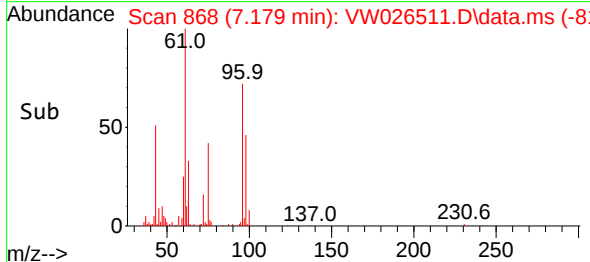
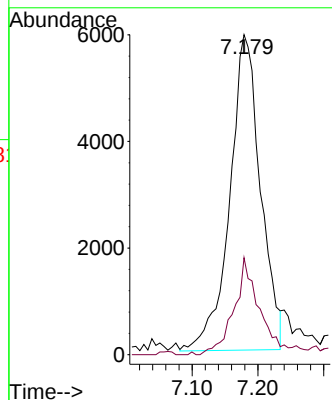
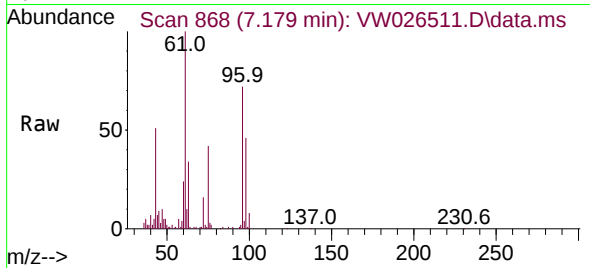




#22
2-Butanone
Concen: 4.325 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

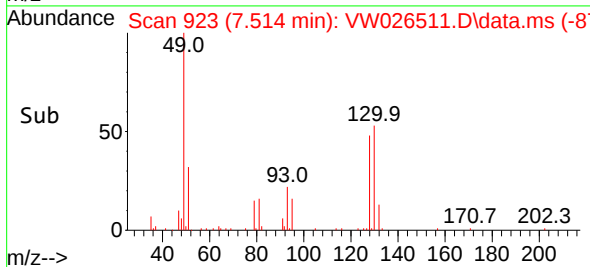
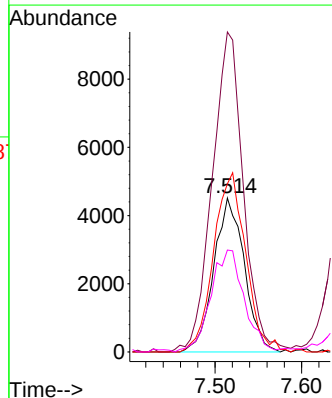
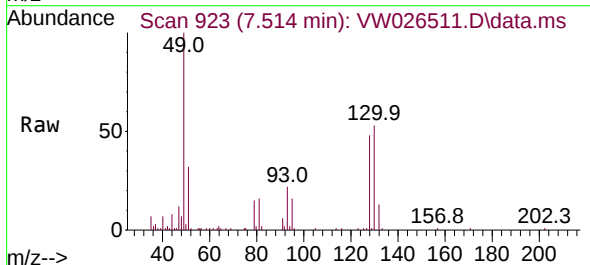
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

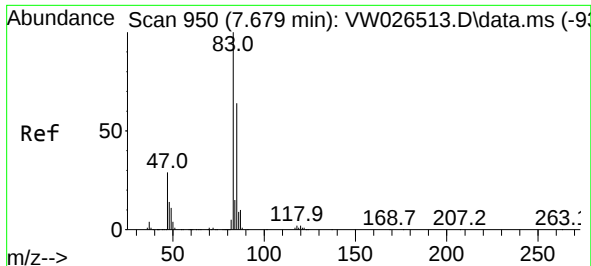
Tgt Ion: 43 Resp: 19217
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.1



#23
Bromochloromethane
Concen: 2.311 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 128 Resp: 11049
Ion Ratio Lower Upper
128 100
49 208.0 152.2 282.7
130 109.3 89.2 165.8
51 66.3 54.5 81.7

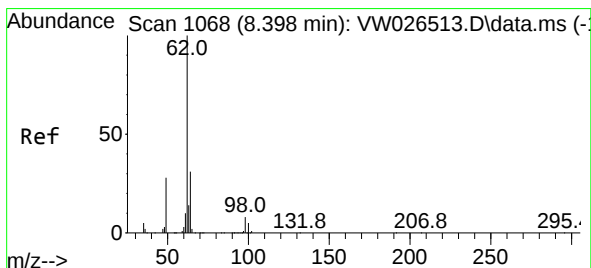
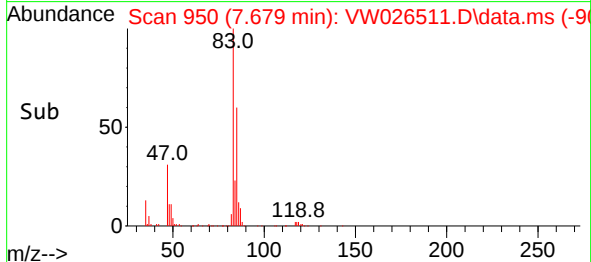
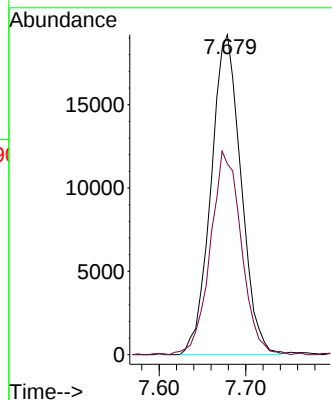
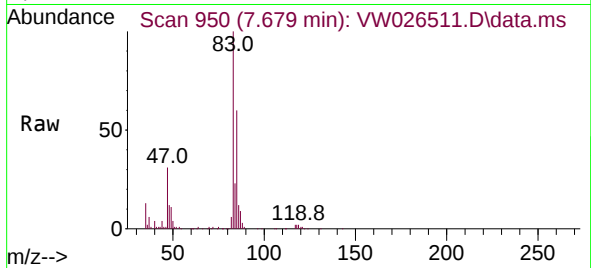




#25
Chloroform
Concen: 2.347 ug/L
RT: 7.679 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

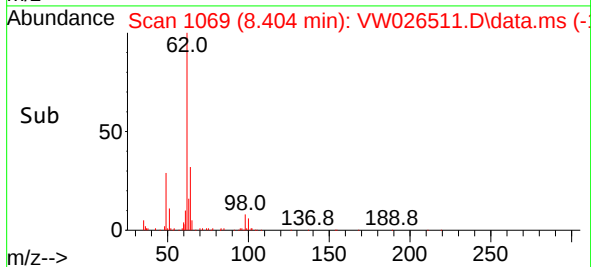
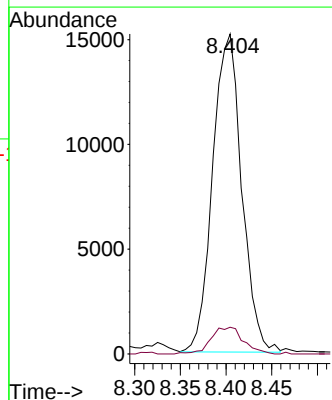
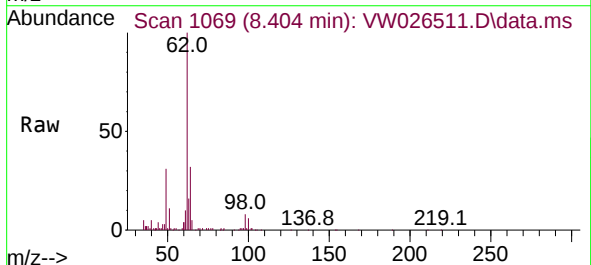
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

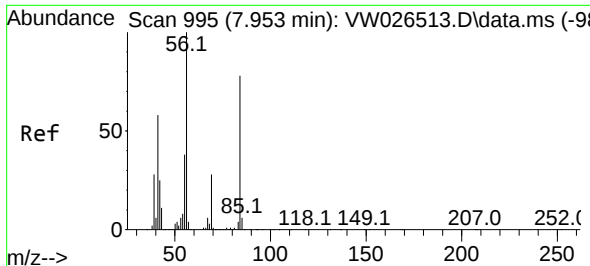
Tgt Ion: 83 Resp: 46178
Ion Ratio Lower Upper
83 100
85 59.6 44.8 83.2



#27
1,2-Dichloroethane
Concen: 2.344 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 62 Resp: 33591
Ion Ratio Lower Upper
62 100
98 8.3 6.8 10.2

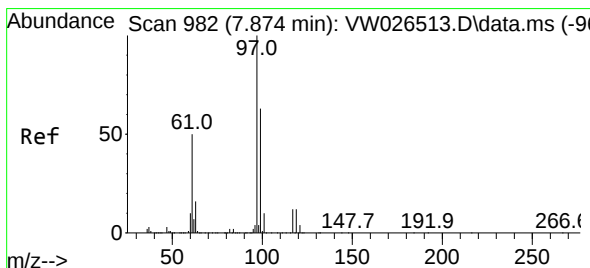
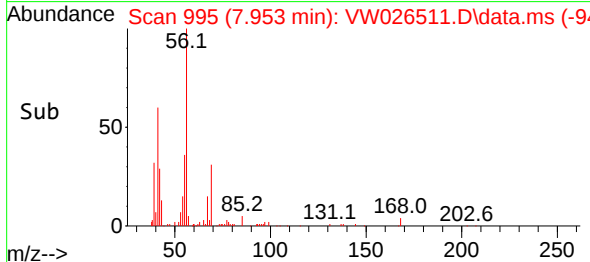
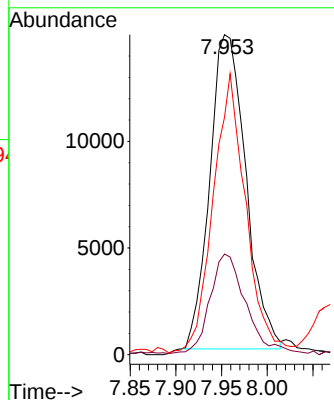
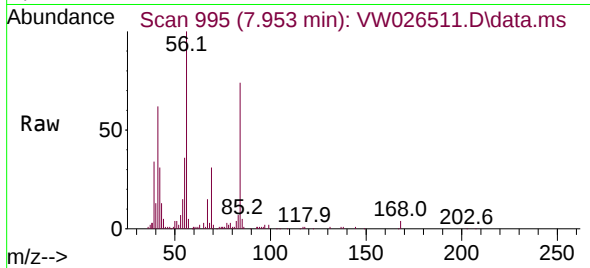




#29
Cyclohexane
Concen: 2.149 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

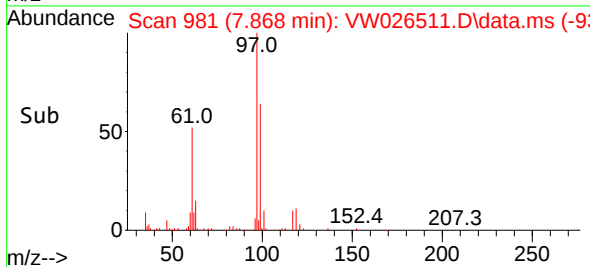
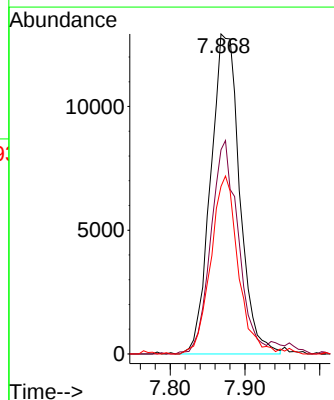
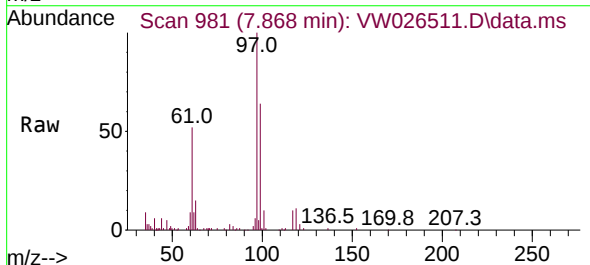
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

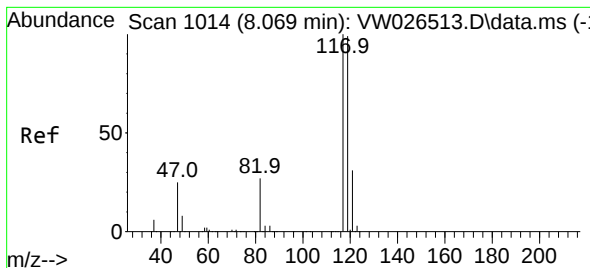
Tgt Ion: 56 Resp: 40510
Ion Ratio Lower Upper
56 100
69 29.9 22.9 34.3
84 81.6 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 2.336 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 97 Resp: 34847
Ion Ratio Lower Upper
97 100
99 61.5 52.2 78.2
61 51.7 40.2 60.2

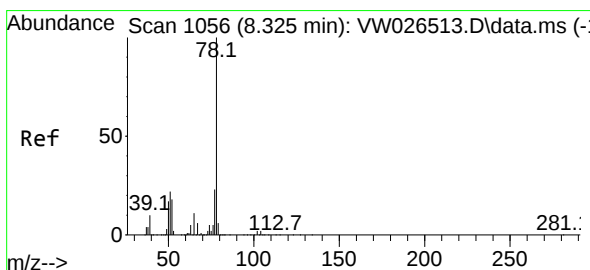
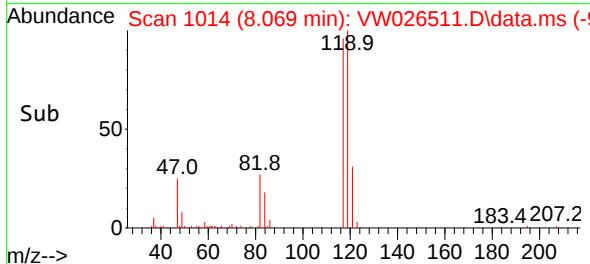
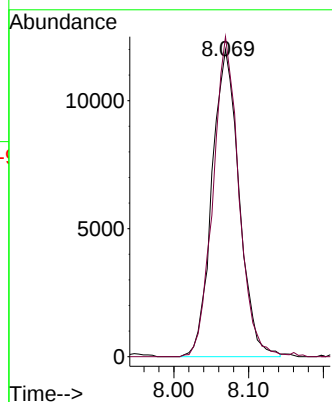
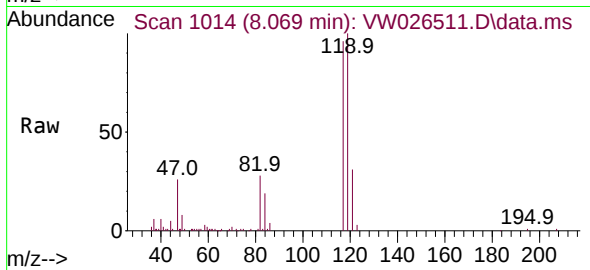




#31
Carbon tetrachloride
Concen: 2.264 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

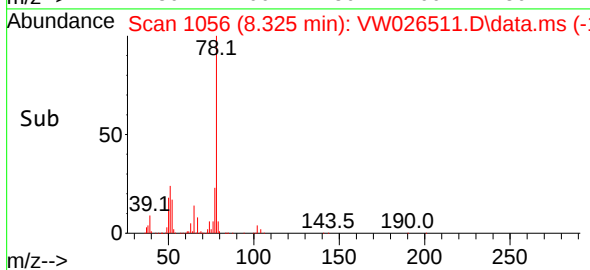
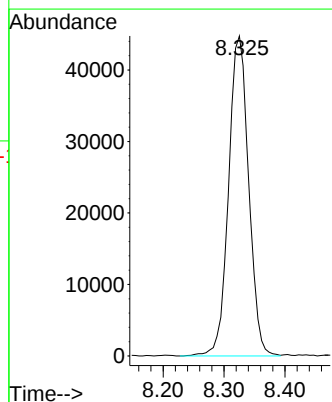
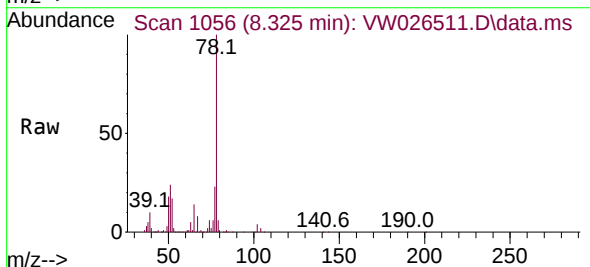
Instrument : MSVOA_W
ClientSampleId : VSTD2.5478

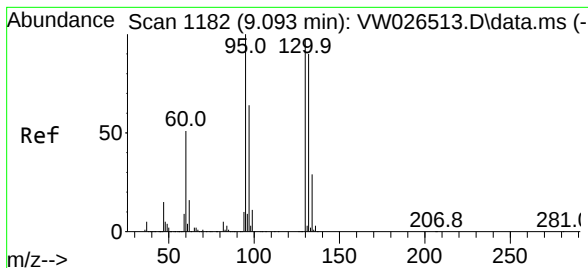
Tgt Ion:117 Resp: 30373
Ion Ratio Lower Upper
117 100
119 98.8 76.3 114.5



#33
Benzene
Concen: 2.367 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 78 Resp: 102464





#34

Trichloroethene

Concen: 2.375 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

Tgt Ion: 95 Resp: 26364

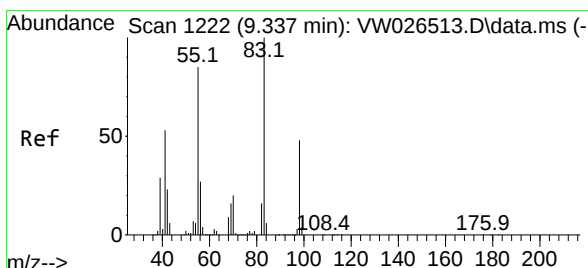
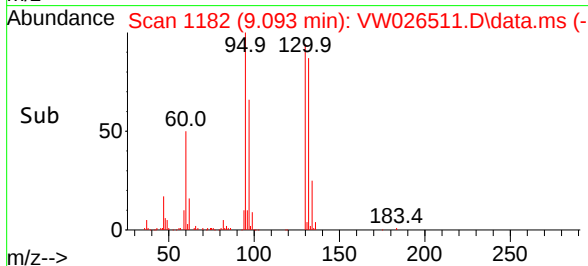
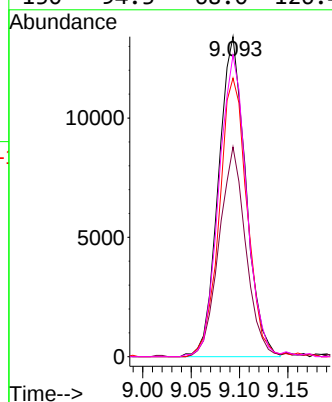
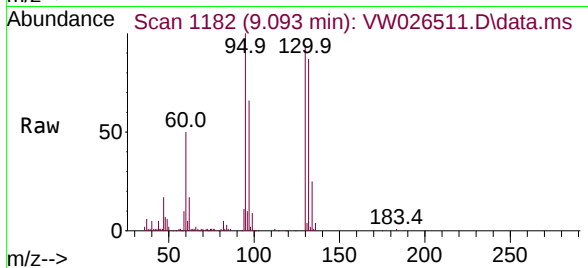
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.7

132 87.0 63.2 117.4

130 94.3 68.0 126.4



#35

Methylcyclohexane

Concen: 2.246 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

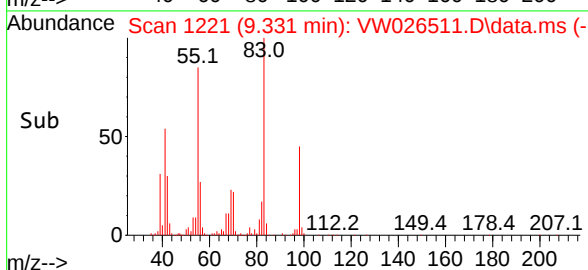
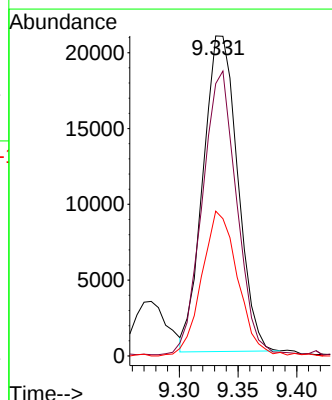
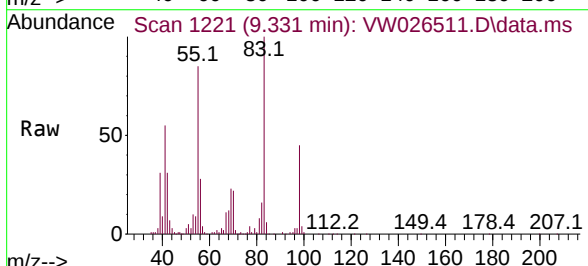
Tgt Ion: 83 Resp: 42620

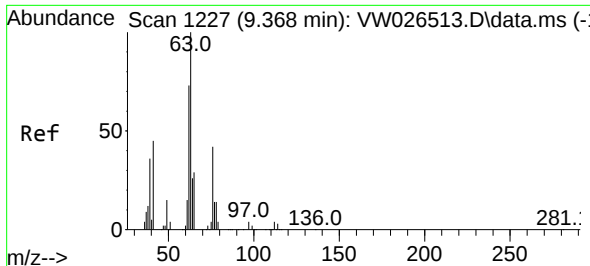
Ion Ratio Lower Upper

83 100

55 89.3 67.5 101.3

98 47.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 2.354 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

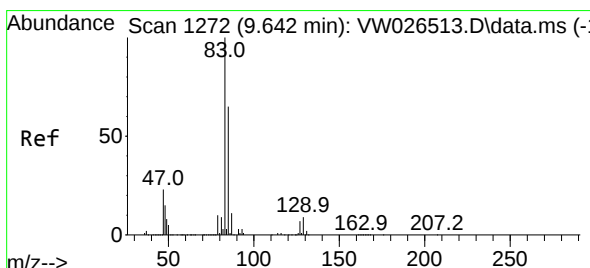
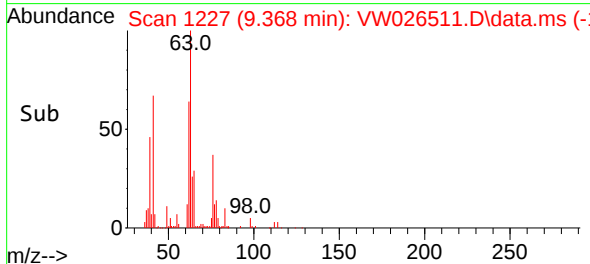
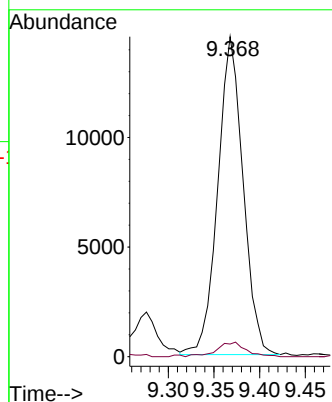
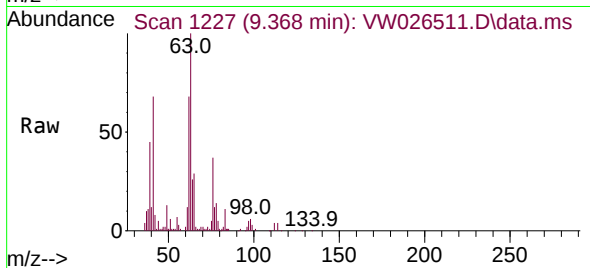
VSTD2.5478

Tgt Ion: 63 Resp: 27955

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9



#38

Bromodichloromethane

Concen: 2.232 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

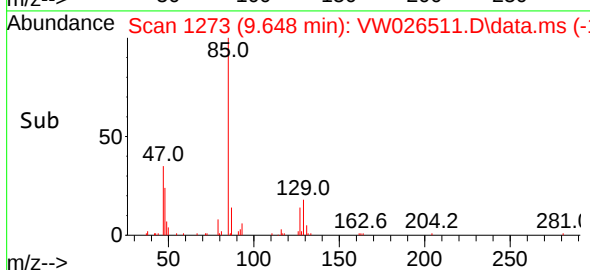
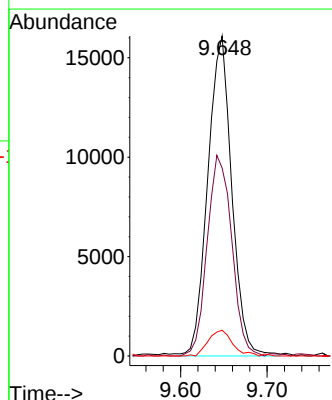
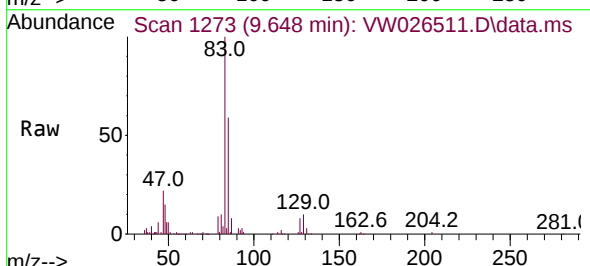
Tgt Ion: 83 Resp: 30987

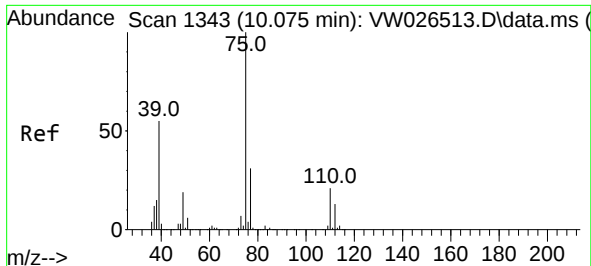
Ion Ratio Lower Upper

83 100

85 58.8 45.4 84.2

127 8.1 5.2 7.8#

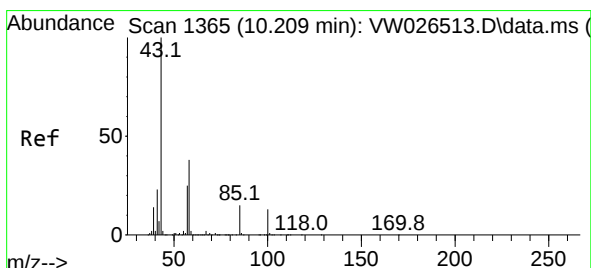
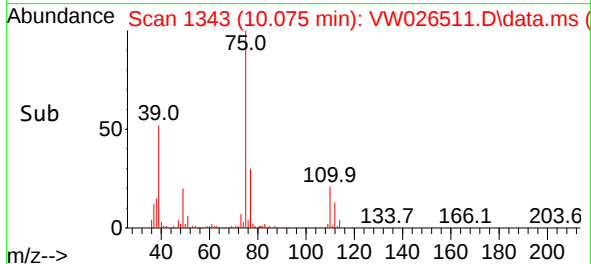
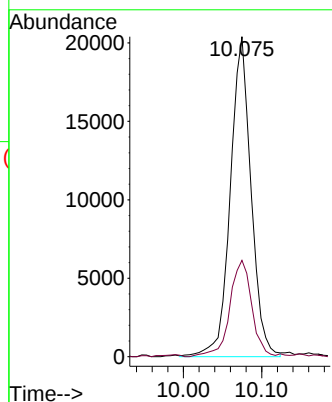
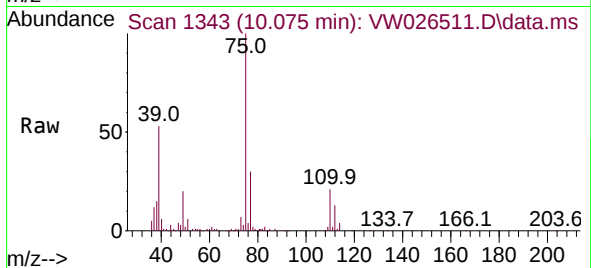




#39
 cis-1,3-Dichloropropene
 Concen: 2.163 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026511.D
 Acq: 03 Jul 2023 16:18

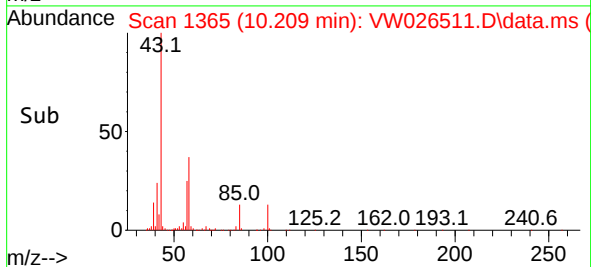
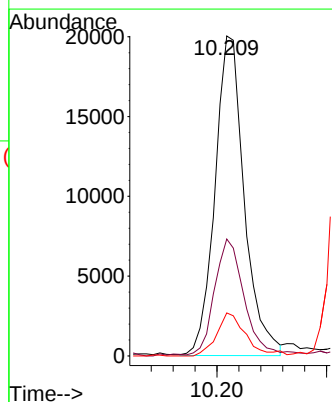
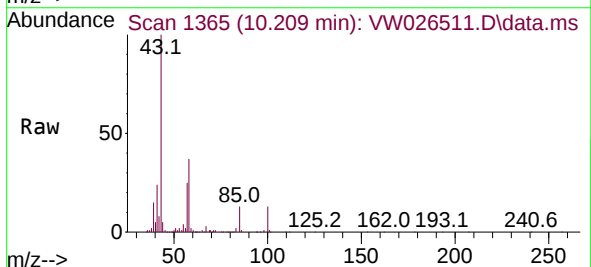
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5478

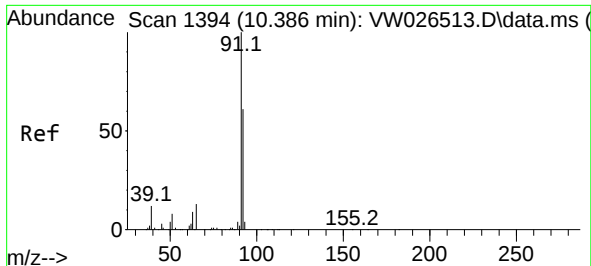
Tgt Ion: 75 Resp: 37544
 Ion Ratio Lower Upper
 75 100
 77 30.1 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 4.146 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026511.D
 Acq: 03 Jul 2023 16:18

Tgt Ion: 43 Resp: 37202
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.8 44.8
 100 12.8 10.6 15.8

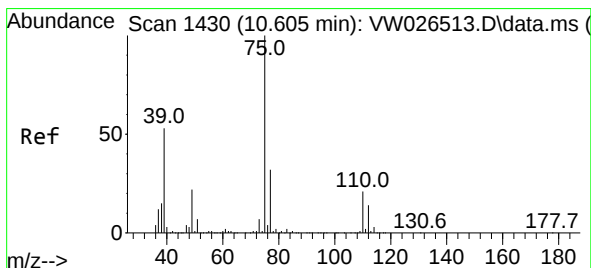
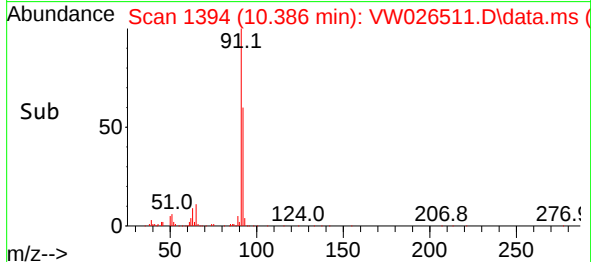
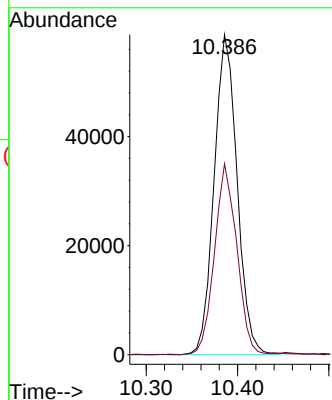
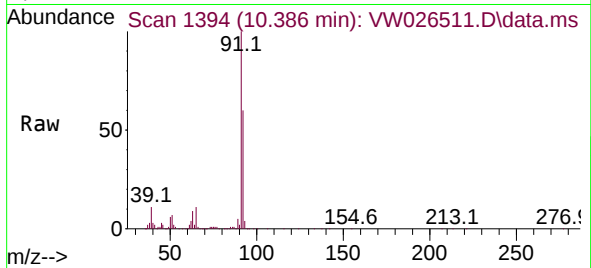




#42
Toluene
Concen: 2.325 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

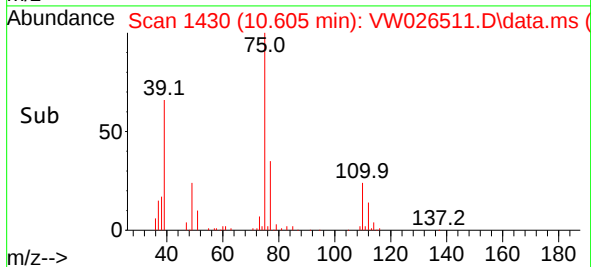
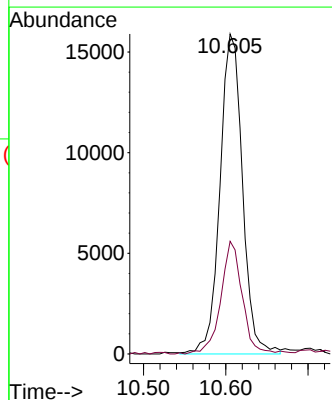
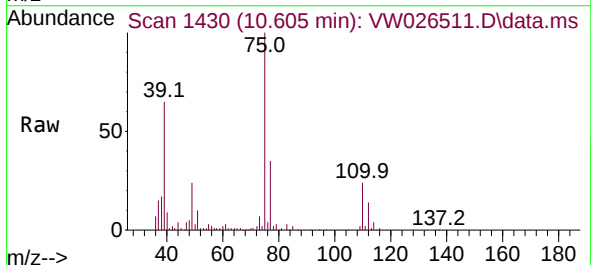
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

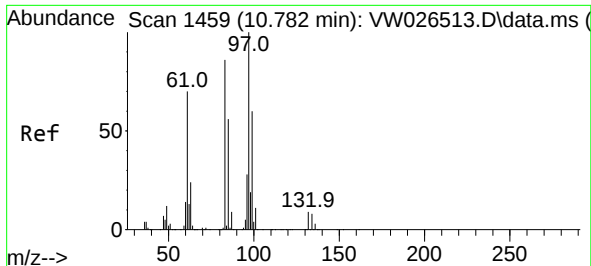
Tgt Ion: 91 Resp: 102636
Ion Ratio Lower Upper
91 100
92 59.7 42.4 78.8



#44
trans-1,3-Dichloropropene
Concen: 2.071 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 75 Resp: 30236
Ion Ratio Lower Upper
75 100
77 35.2 22.6 42.0

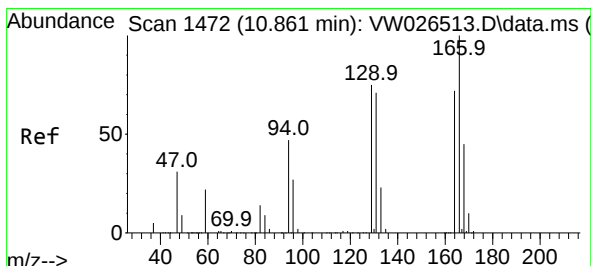
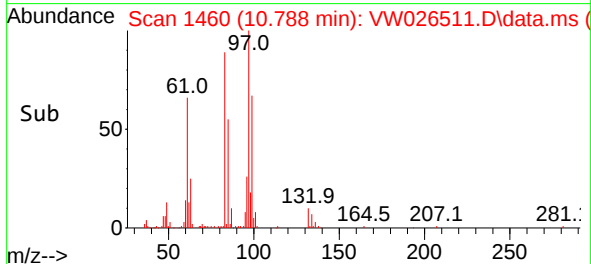
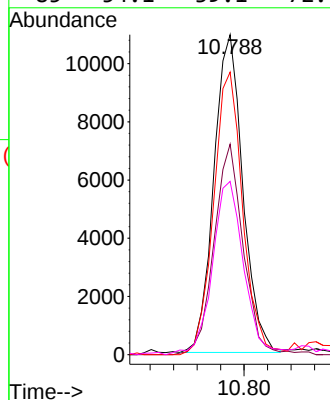
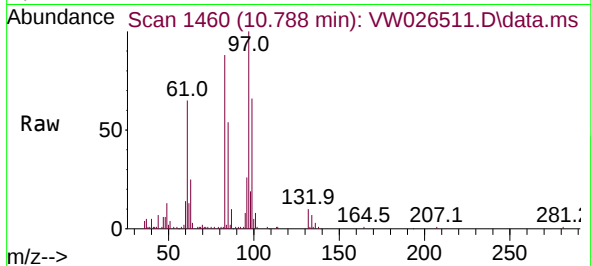




#45
1,1,2-Trichloroethane
Concen: 2.276 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

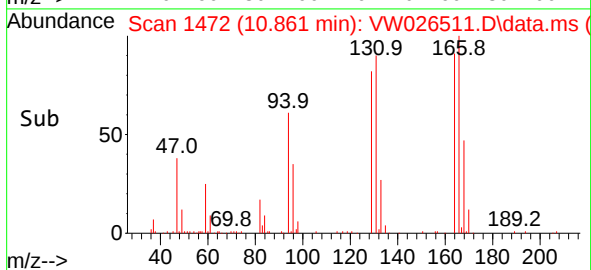
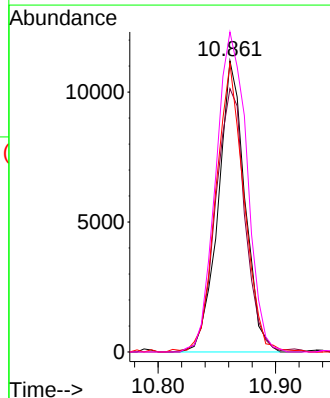
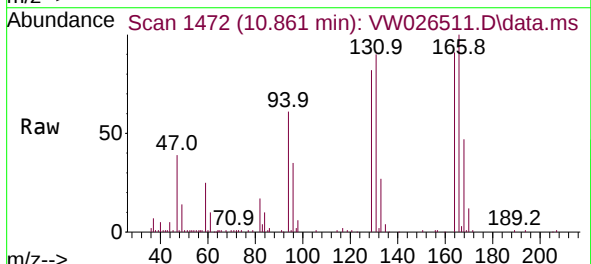
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

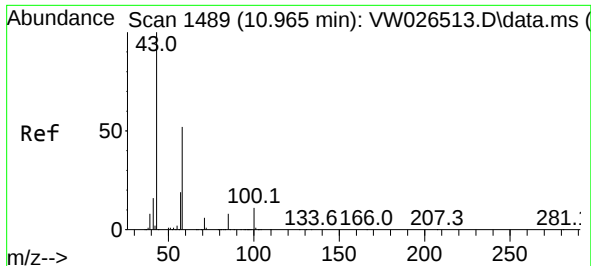
Tgt Ion: 97	Resp:	18744	
Ion	Ratio	Lower	Upper
97	100		
99	65.8	42.1	78.1
83	88.3	59.9	111.3
85	54.1	39.1	72.7



#46
Tetrachloroethene
Concen: 2.370 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt	Ion:164	Resp:	17711
Ion	Ratio	Lower	Upper
164	100		
129	90.5	73.0	135.6
131	99.2	69.2	128.6
166	110.0	97.8	181.6

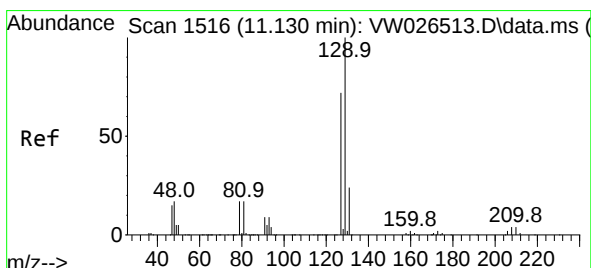
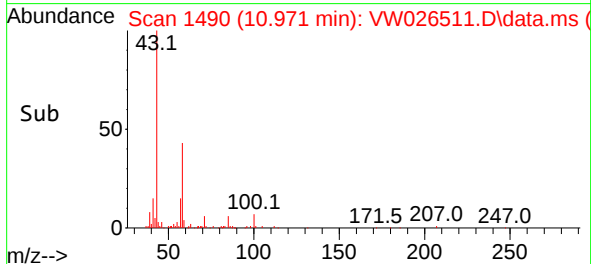
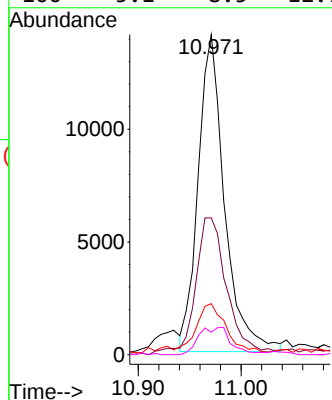
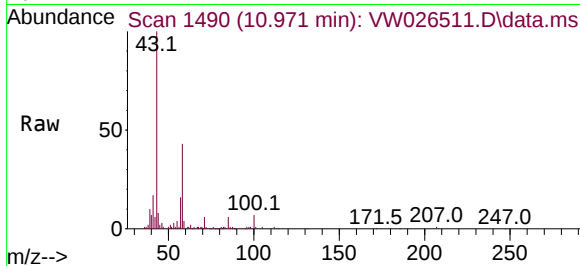




#48
2-Hexanone
Concen: 4.158 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

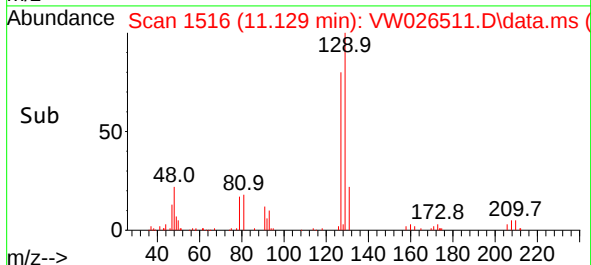
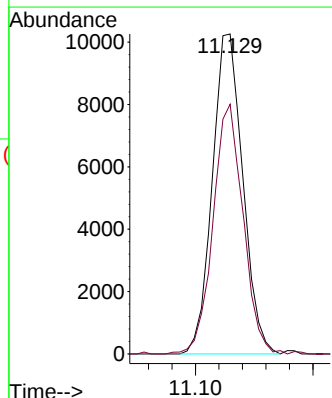
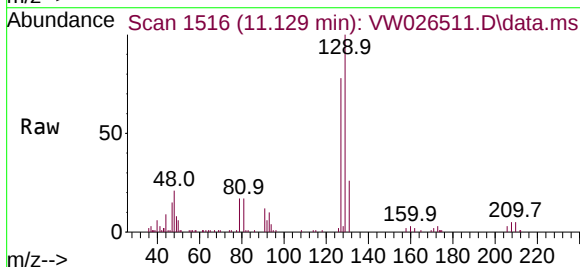
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

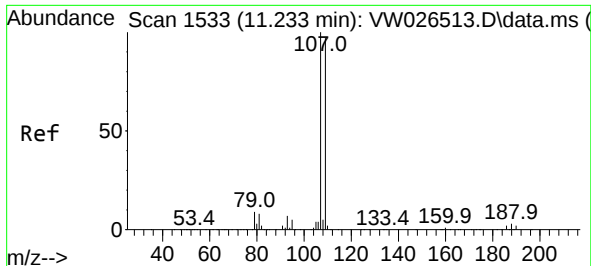
Tgt Ion: 43	Resp: 25187
Ion Ratio	Lower Upper
43 100	
58 48.7	39.9 59.9
57 18.1	14.1 21.1
100 5.1	8.5 12.7



#49
Dibromochloromethane
Concen: 2.189 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 129	Resp: 18490
Ion Ratio	Lower Upper
129 100	
127 78.1	50.0 93.0





#50

1,2-Dibromoethane

Concen: 2.330 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

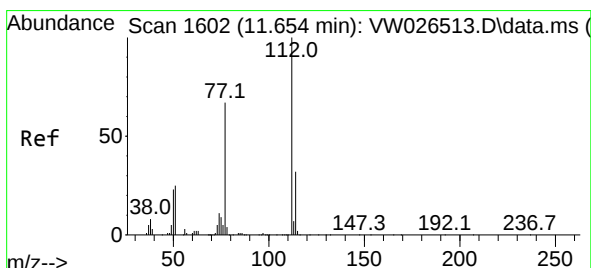
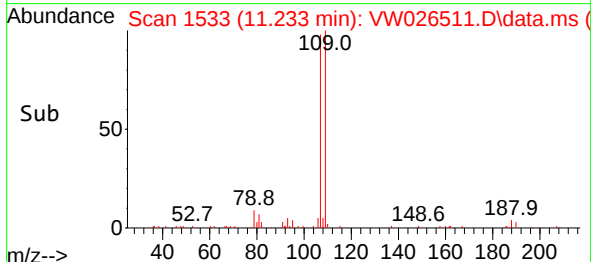
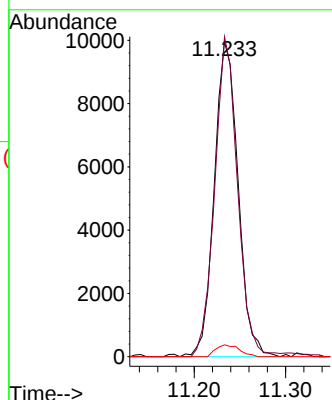
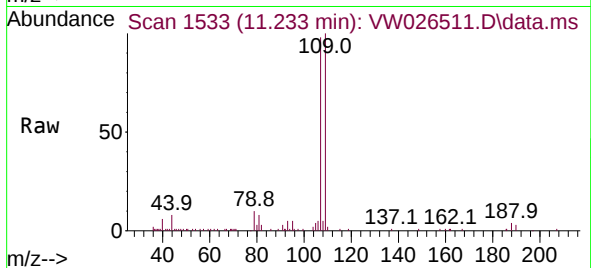
Tgt Ion:107 Resp: 18004

Ion Ratio Lower Upper

107 100

109 101.6 67.7 125.7

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 2.369 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

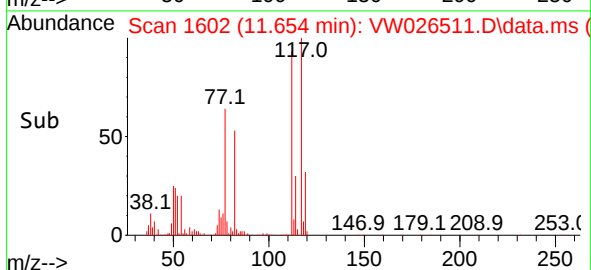
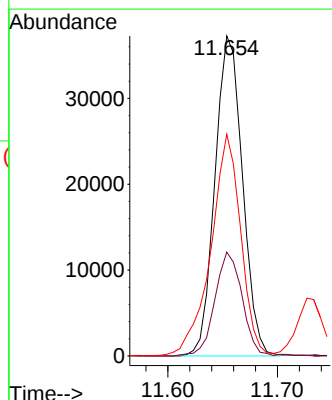
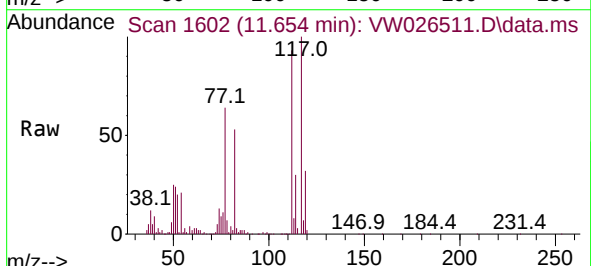
Tgt Ion:112 Resp: 65128

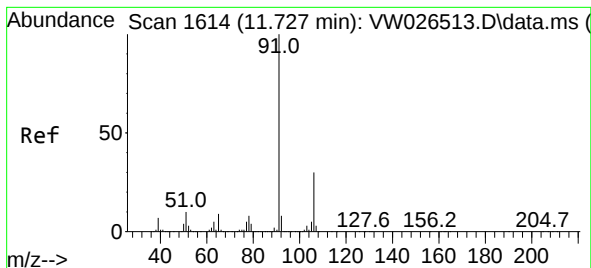
Ion Ratio Lower Upper

112 100

114 32.4 22.2 41.2

77 69.3 53.4 80.2

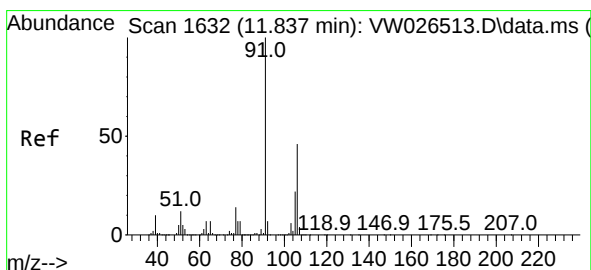
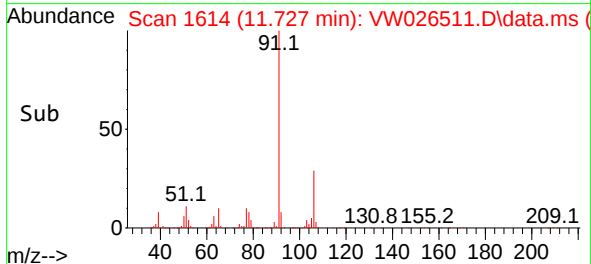
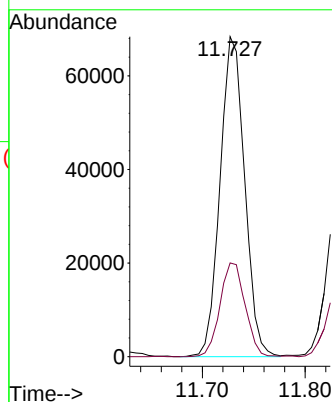
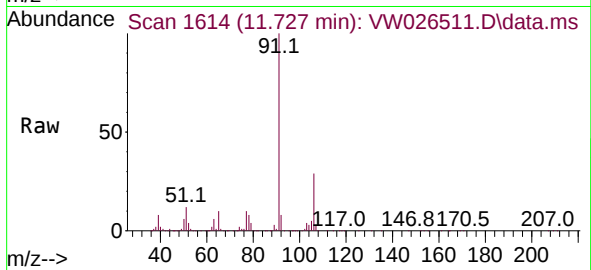




#52
Ethylbenzene
Concen: 2.274 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

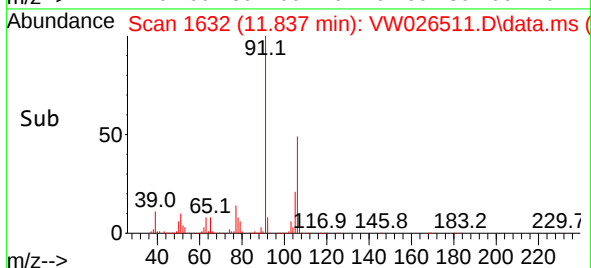
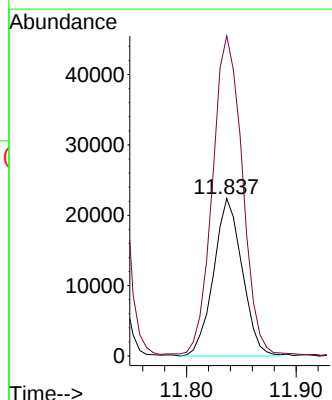
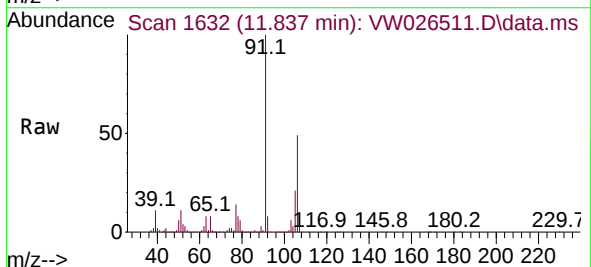
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

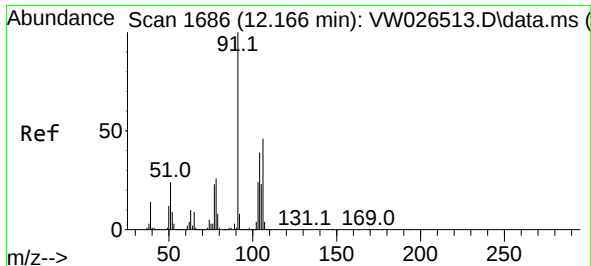
Tgt Ion: 91 Resp: 113551
Ion Ratio Lower Upper
91 100
106 29.3 20.7 38.5



#53
m,p-Xylene
Concen: 2.203 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 106 Resp: 40611
Ion Ratio Lower Upper
106 100
91 203.1 152.7 283.7

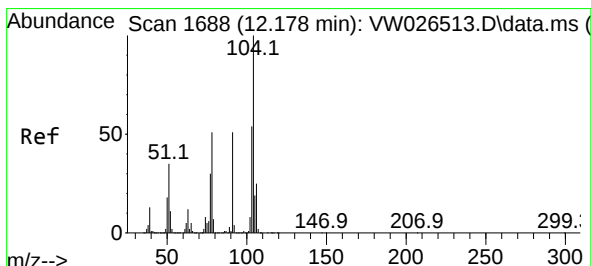
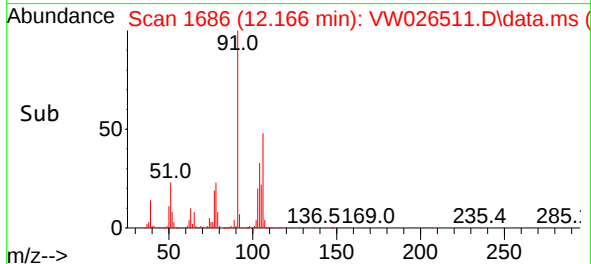
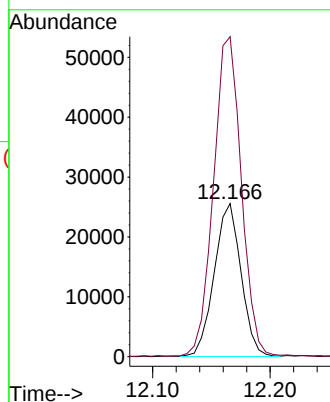
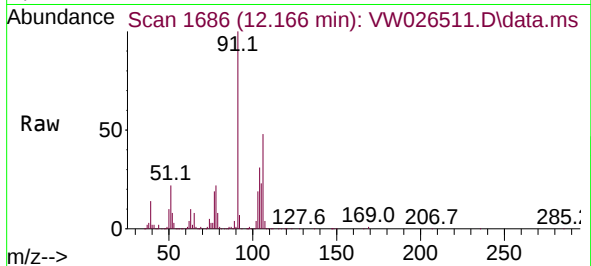




#54
o-Xylene
Concen: 2.302 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

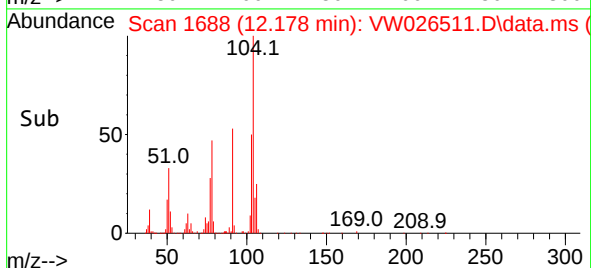
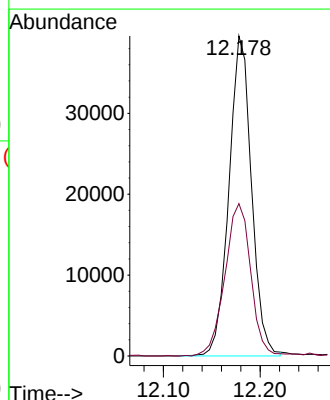
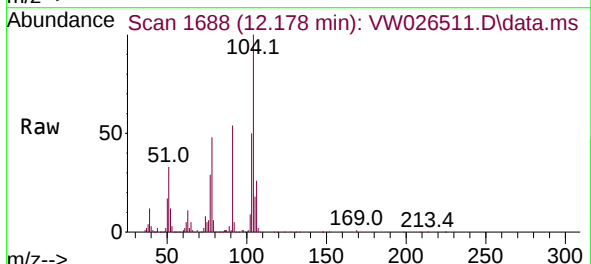
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

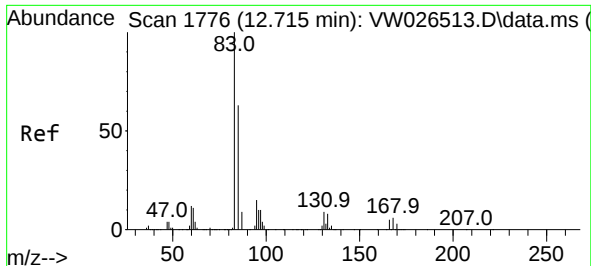
Tgt Ion:106 Resp: 40489
Ion Ratio Lower Upper
106 100
91 208.9 151.8 282.0



#55
Styrene
Concen: 2.139 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion:104 Resp: 64052
Ion Ratio Lower Upper
104 100
78 47.6 35.6 66.2





#57

1,1,2-Tetrachloroethane

Concen: 2.380 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

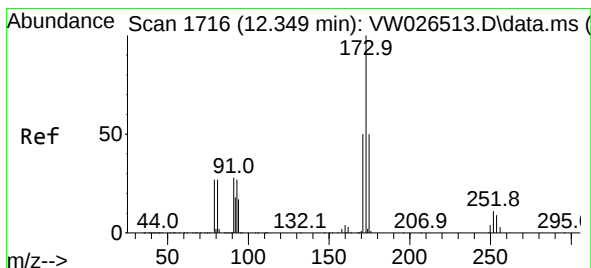
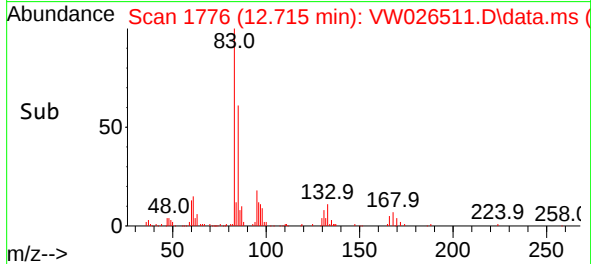
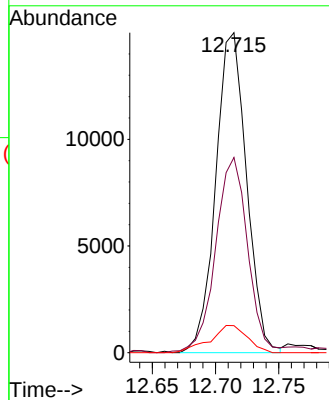
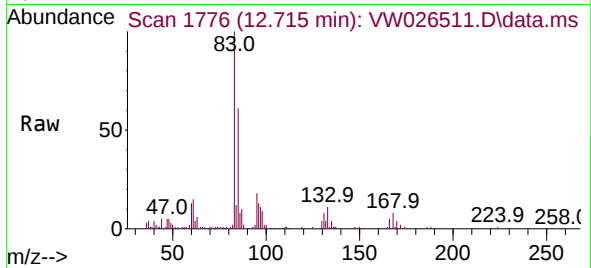
Tgt Ion: 83 Resp: 25432

Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.5

131 8.4 7.2 10.8



#59

Bromoform

Concen: 2.176 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

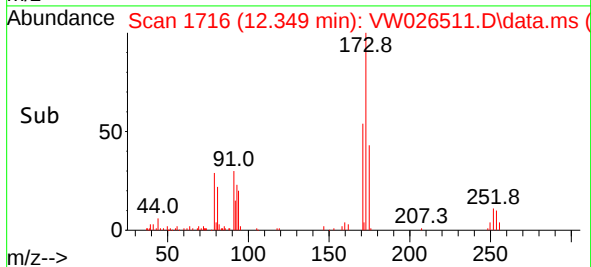
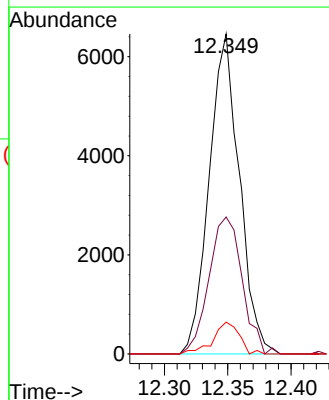
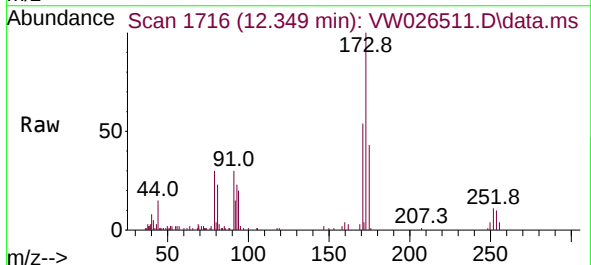
Tgt Ion: 173 Resp: 10720

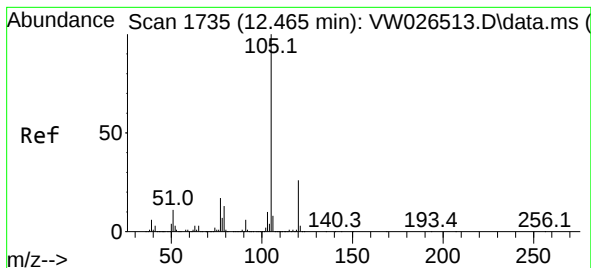
Ion Ratio Lower Upper

173 100

175 46.6 39.0 58.4

254 8.4 7.0 10.6

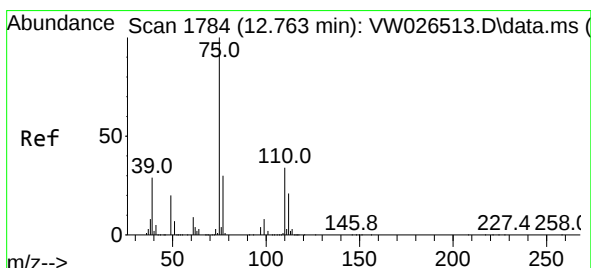
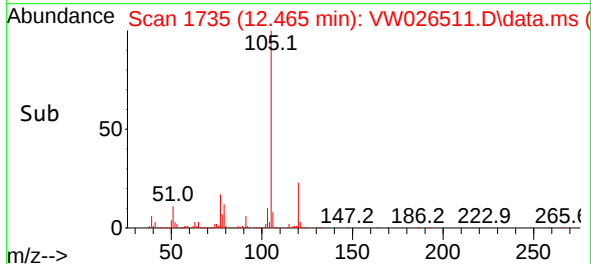
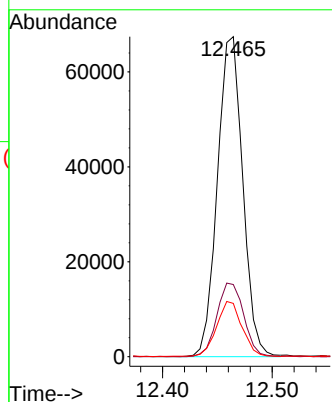
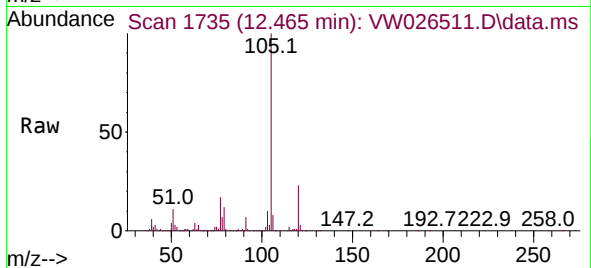




#60
Isopropylbenzene
Concen: 2.209 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

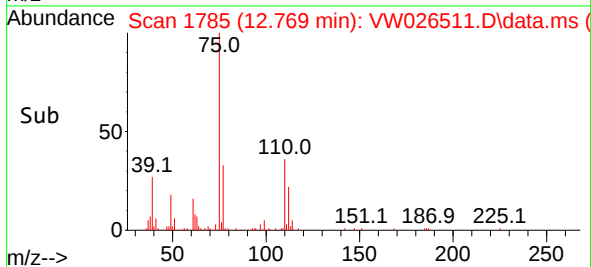
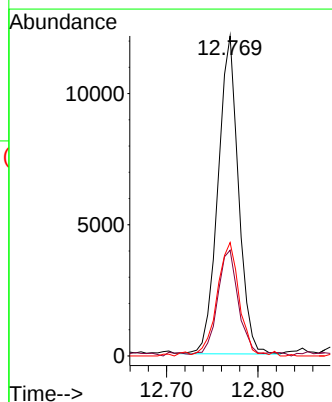
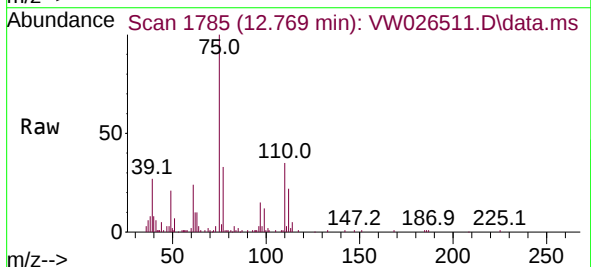
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

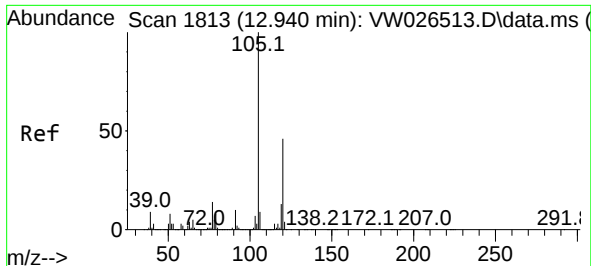
Tgt Ion:105 Resp: 108324
Ion Ratio Lower Upper
105 100
120 24.3 20.3 30.5
77 17.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 2.310 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion: 75 Resp: 18865
Ion Ratio Lower Upper
75 100
77 34.4 25.1 37.7
110 38.5 28.3 42.5

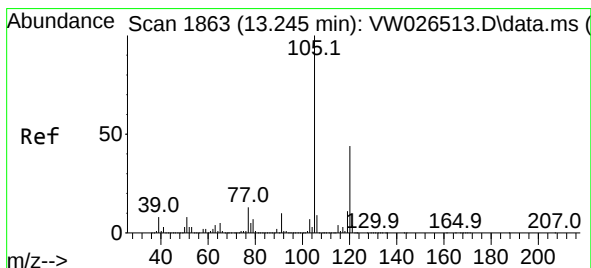
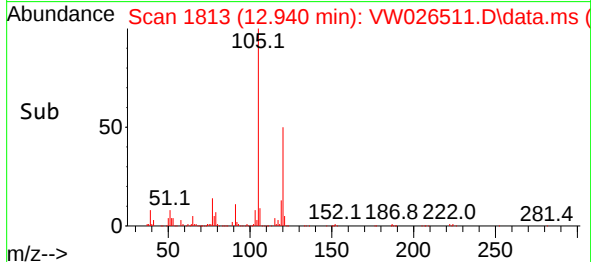
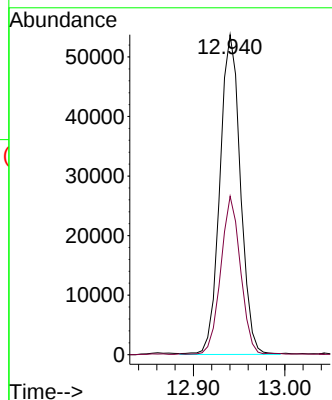
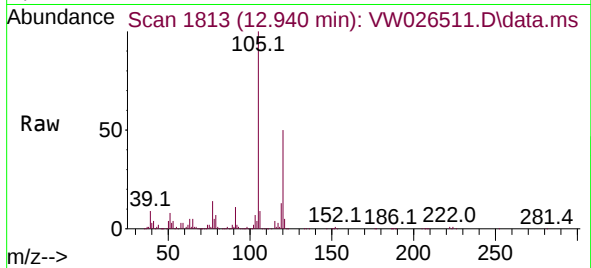




#62
1,3,5-Trimethylbenzene
Concen: 2.122 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

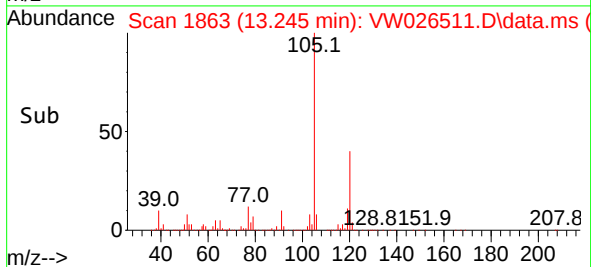
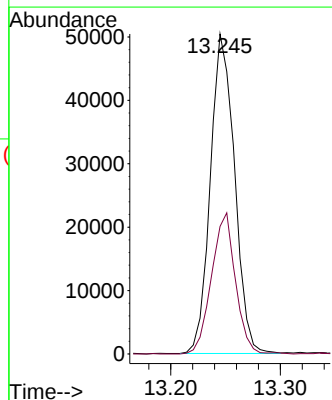
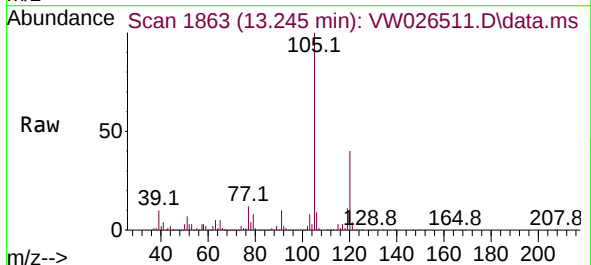
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

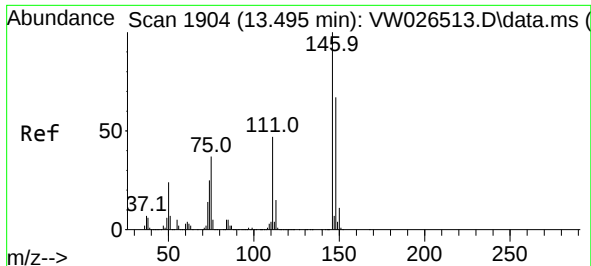
Tgt Ion:105 Resp: 84031
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.026 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion:105 Resp: 77354
Ion Ratio Lower Upper
105 100
120 43.4 35.5 53.3

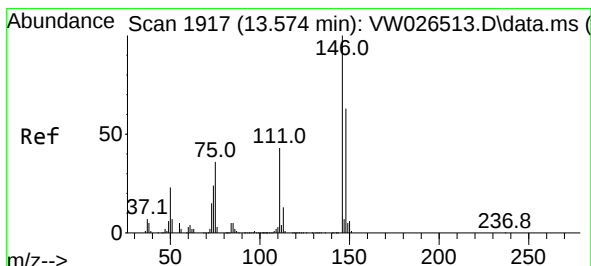
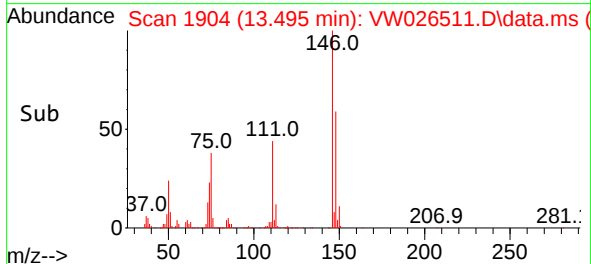
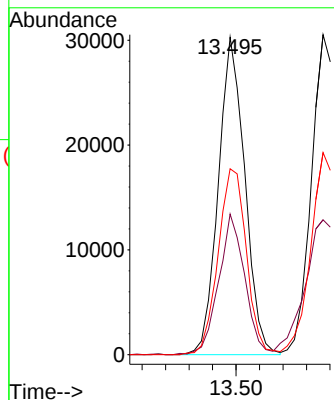
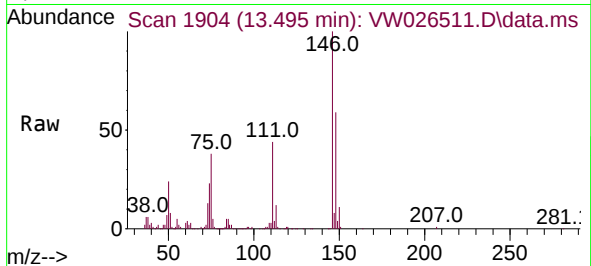




#64
1,3-Dichlorobenzene
Concen: 2.313 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

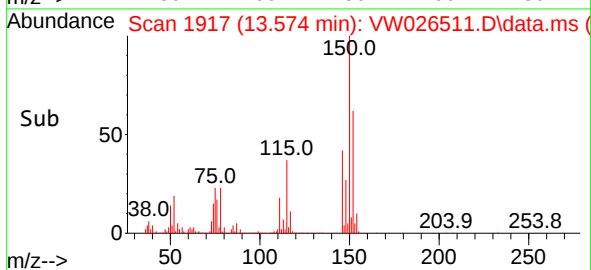
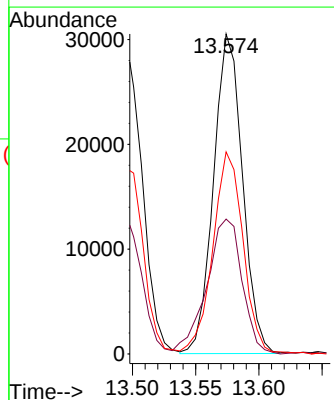
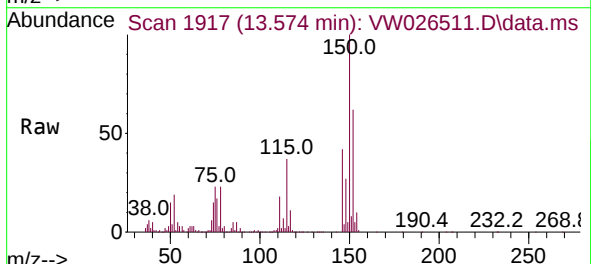
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

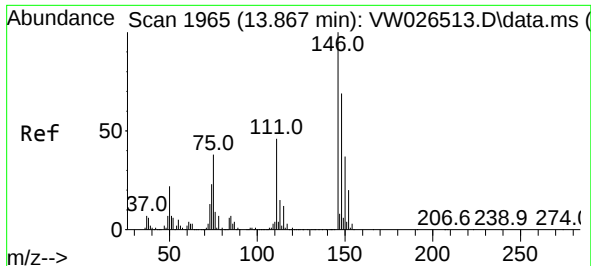
Tgt Ion:146 Resp: 47513
Ion Ratio Lower Upper
146 100
111 44.3 32.7 60.7
148 58.6 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 2.352 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion:146 Resp: 48531
Ion Ratio Lower Upper
146 100
111 42.2 30.2 56.0
148 63.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 2.399 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

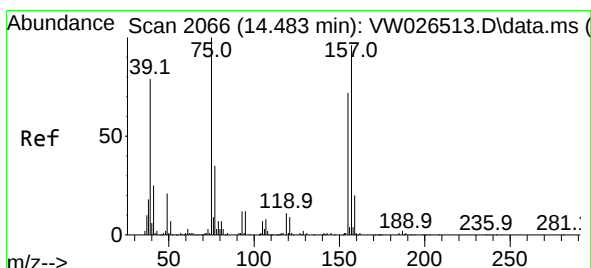
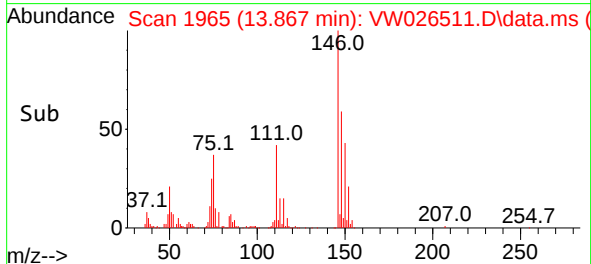
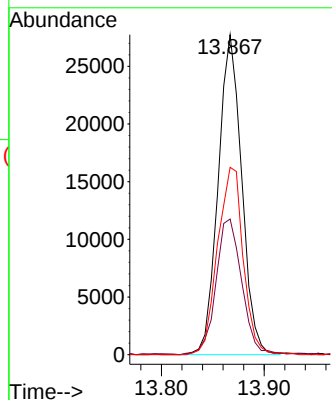
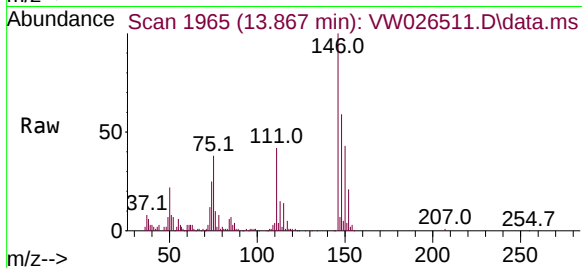
Tgt Ion:146 Resp: 44100

Ion Ratio Lower Upper

146 100

111 42.4 36.6 55.0

148 58.6 55.1 82.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.504 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

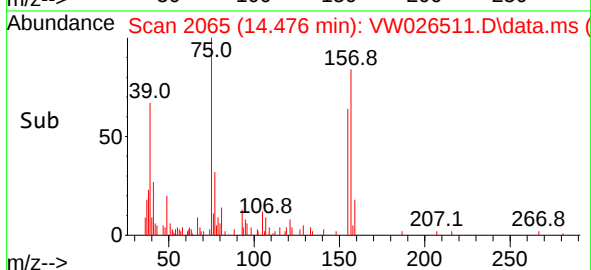
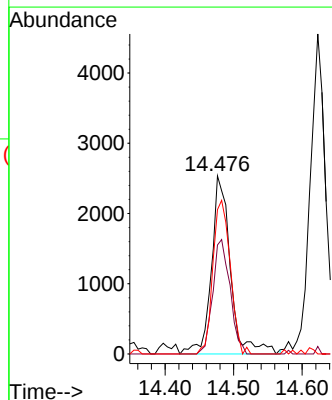
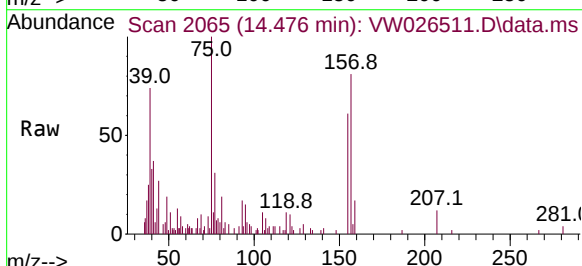
Tgt Ion: 75 Resp: 4893

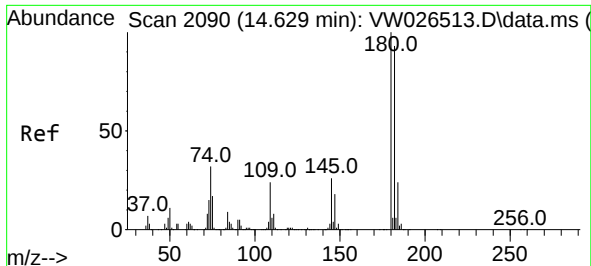
Ion Ratio Lower Upper

75 100

155 61.1 57.3 85.9

157 81.0 76.9 115.3

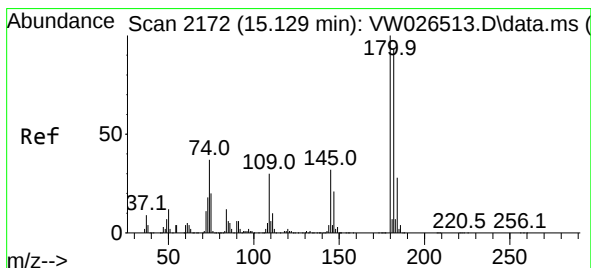
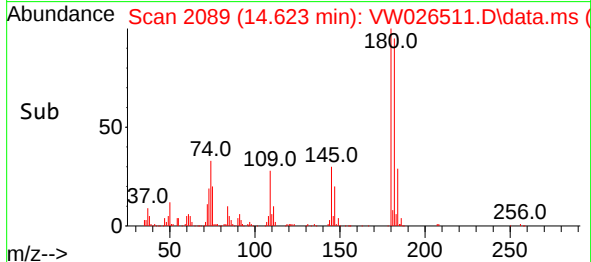
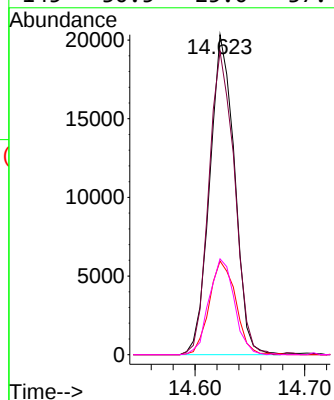
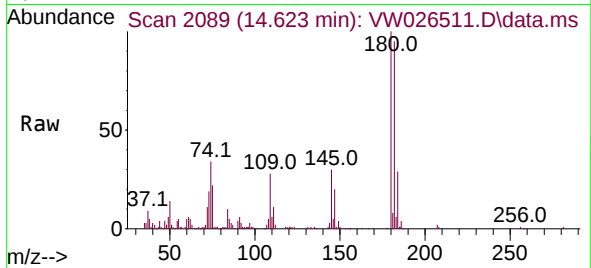




#69
1,3,5-Trichlorobenzene
Concen: 2.354 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

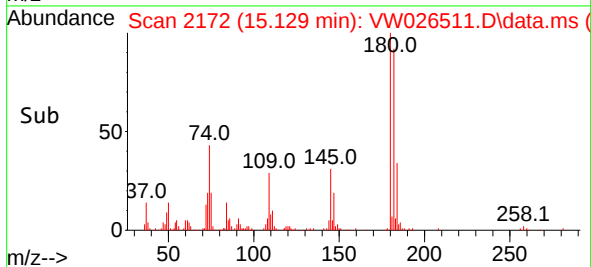
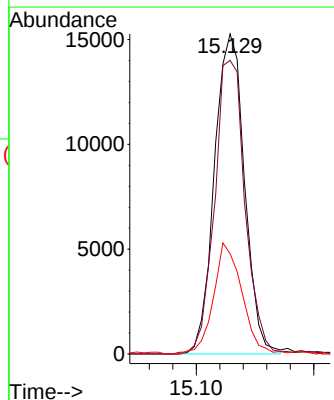
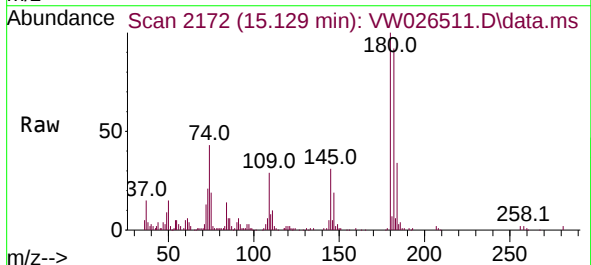
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

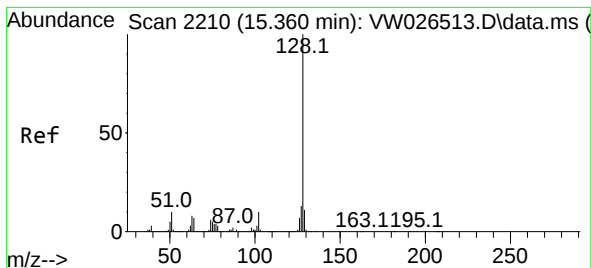
Tgt Ion:180	Resp:	32002
Ion Ratio	Lower	Upper
180	100	
182	97.8	75.5 113.3
184	31.3	23.8 35.8
145	30.5	25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 2.315 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026511.D
Acq: 03 Jul 2023 16:18

Tgt Ion:180	Resp:	27126
Ion Ratio	Lower	Upper
180	100	
182	93.0	74.5 111.7
145	32.8	25.9 38.9





#71

Naphthalene

Concen: 2.103 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5478

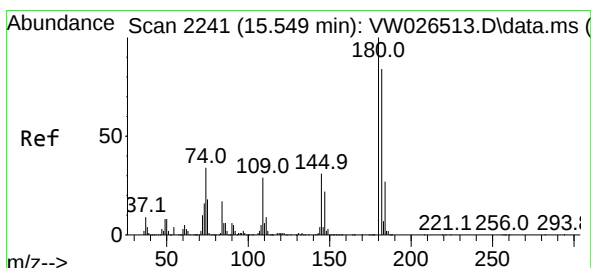
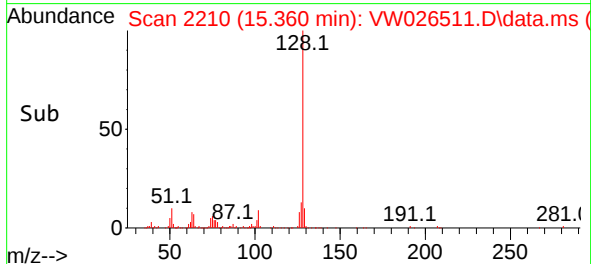
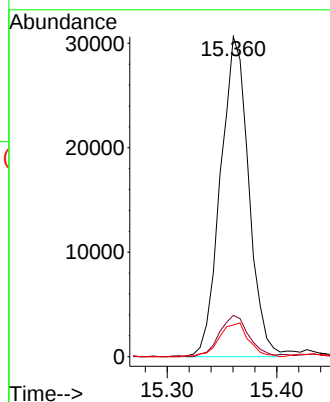
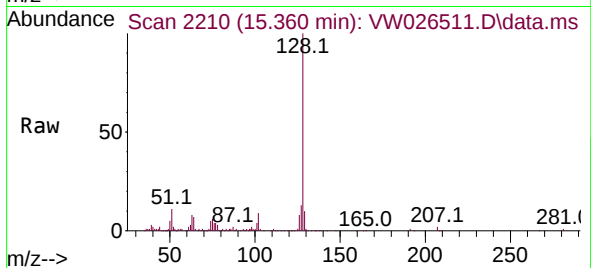
Tgt Ion:128 Resp: 54688

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.381 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026511.D

Acq: 03 Jul 2023 16:18

Tgt Ion:180 Resp: 24880

Ion Ratio Lower Upper

180 100

182 91.6 75.3 112.9

145 33.6 29.0 43.6

