

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025545.D
 Acq On : 03 Apr 2023 09:18
 Operator : SY/MD
 Sample : VSTD2.5437
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

Quant Time: Apr 04 02:50:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 03 11:21:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	742974	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	669024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	327122	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32811	2.712	ug/L	0.00
7) Chloroethane-d5	2.899	69	22924	2.682	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	63812	2.610	ug/L	0.00
21) 2-Butanone-d5	7.191	46	434	0.160	ug/L	0.11
24) Chloroform-d	7.648	84	55163	2.644	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	30260	2.788	ug/L	0.00
32) Benzene-d6	8.276	84	110957	2.561	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	35541	2.631	ug/L	0.00
41) Toluene-d8	10.325	98	91364	2.414	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11923	2.354	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	8693	4.708	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25500	2.797	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	29856	2.657	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	18838	2.096	ug/L	93
3) Chloromethane	2.222	50	26191	2.173	ug/L	99
5) Vinyl chloride	2.375	62	31794	2.386	ug/L	98
6) Bromomethane	2.783	94	17601	2.455	ug/L	100
8) Chloroethane	2.936	64	17474	2.341	ug/L	96
9) Trichlorofluoromethane	3.271	101	22892	2.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22215	2.156	ug/L #	54
13) Acetone	4.118	43	13530	5.905	ug/L	95
14) Carbon disulfide	4.393	76	87815	2.414	ug/L	98
15) Methyl Acetate	4.679	43	14149	2.759	ug/L	99
16) Methylene chloride	4.917	84	34989	2.963	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	26971	2.460	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	36698	2.426	ug/L #	86
19) 1,1-Dichloroethane	6.216	63	53755	2.454	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	26995	2.367	ug/L #	99
22) 2-Butanone	7.173	43	16993	5.236	ug/L	93
23) Bromochloromethane	7.514	128	11744	2.511	ug/L	98
25) Chloroform	7.679	83	49143	2.453	ug/L	96
27) 1,2-Dichloroethane	8.404	62	33888	2.521	ug/L	99
29) Cyclohexane	7.959	56	46010	2.125	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	40679	2.447	ug/L	98
31) Carbon tetrachloride	8.069	117	36846	2.455	ug/L	99
33) Benzene	8.325	78	113029	2.427	ug/L	100
34) Trichloroethene	9.093	95	30071	2.483	ug/L	97
35) Methylcyclohexane	9.337	83	49932	2.283	ug/L	99
37) 1,2-Dichloropropane	9.367	63	29590	2.406	ug/L	98
38) Bromodichloromethane	9.642	83	33968	2.414	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	38278	2.170	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	35045	5.034	ug/L	95
42) Toluene	10.386	91	110173	2.323	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	33343	2.292	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	20522	2.617	ug/L	95

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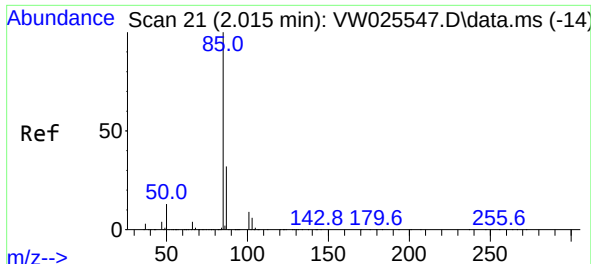
Quant Time: Apr 04 02:50:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.861	164	20783	2.440	ug/L	93
48) 2-Hexanone	10.965	43	23601	4.907	ug/L	99
49) Dibromochloromethane	11.129	129	19980	2.420	ug/L	97
50) 1,2-Dibromoethane	11.239	107	17744	2.463	ug/L #	100
51) Chlorobenzene	11.654	112	71334	2.441	ug/L	96
52) Ethylbenzene	11.727	91	121786	2.270	ug/L	99
53) m,p-Xylene	11.837	106	44100	2.241	ug/L	98
54) o-Xylene	12.166	106	39134	2.126	ug/L	97
55) Styrene	12.178	104	67617	2.182	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	25702	2.736	ug/L	95
59) Bromoform	12.349	173	11262	2.512	ug/L	95
60) Isopropylbenzene	12.465	105	111937	2.184	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	18382	2.711	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	81478	2.014	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	80111	2.057	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	50875	2.396	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	55358	2.553	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	44595	2.395	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	4659	3.133	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	34992	2.461	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	28483	2.466	ug/L	90
71) Naphthalene	15.360	128	47153	2.188	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	24557	2.432	ug/L	98

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

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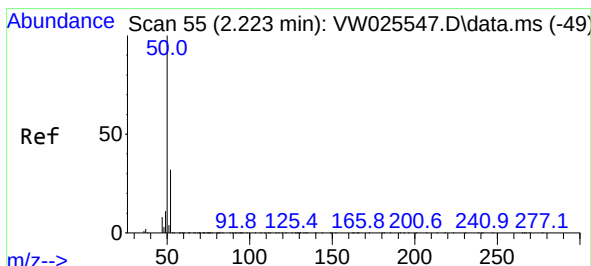
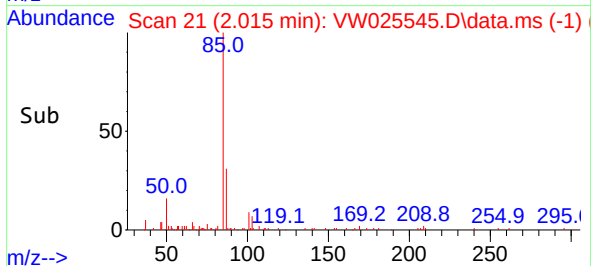
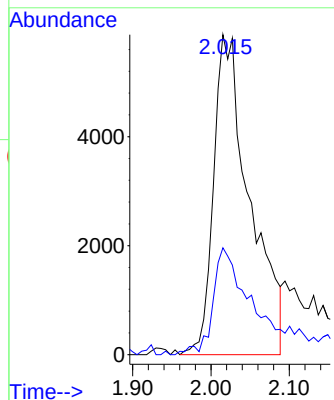
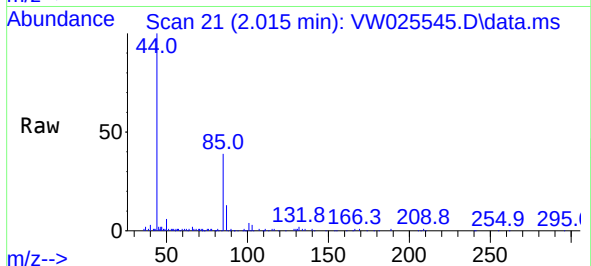




#2
Dichlorodifluoromethane
Concen: 2.096 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

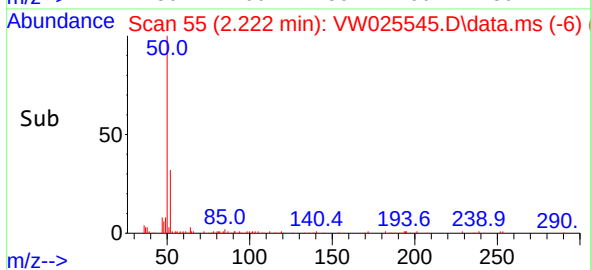
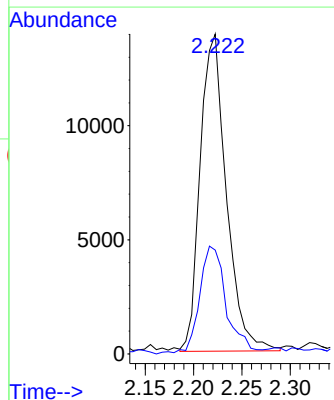
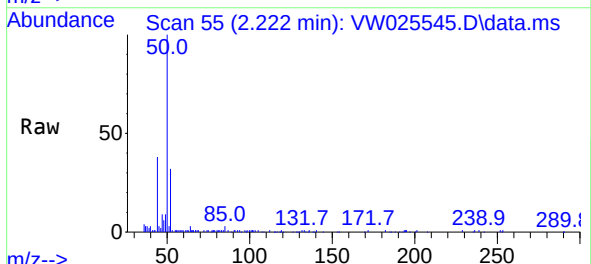
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

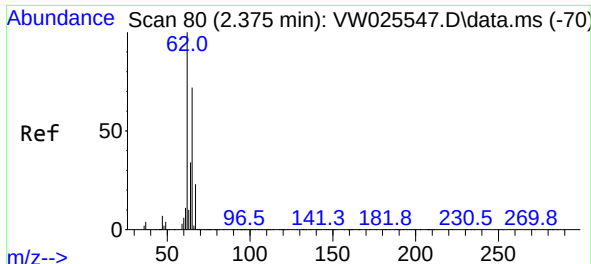
Tgt Ion: 85 Resp: 18838
Ion Ratio Lower Upper
85 100
87 27.2 24.6 37.0



#3
Chloromethane
Concen: 2.173 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 50 Resp: 26191
Ion Ratio Lower Upper
50 100
52 32.4 22.2 41.2

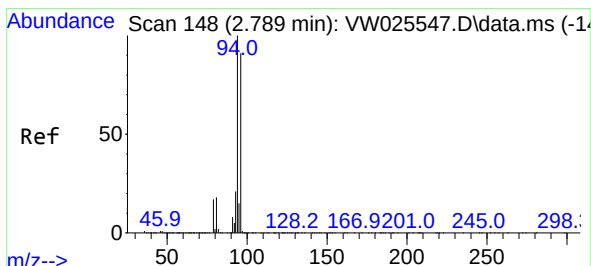
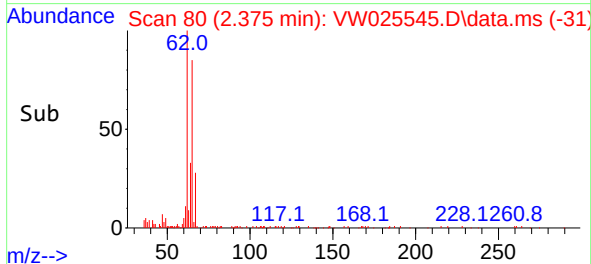
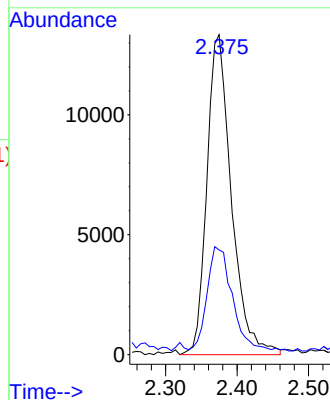
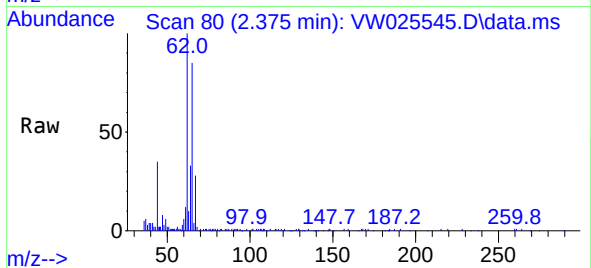




#5
 Vinyl chloride
 Concen: 2.386 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

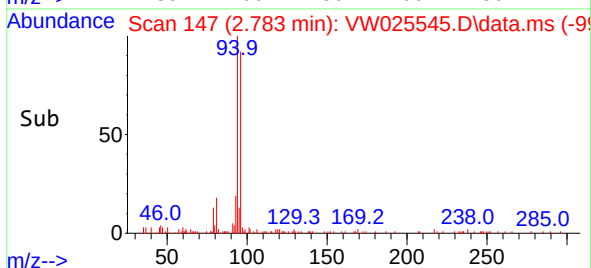
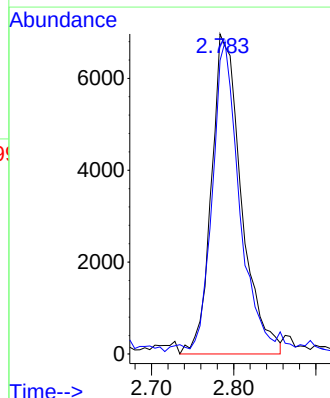
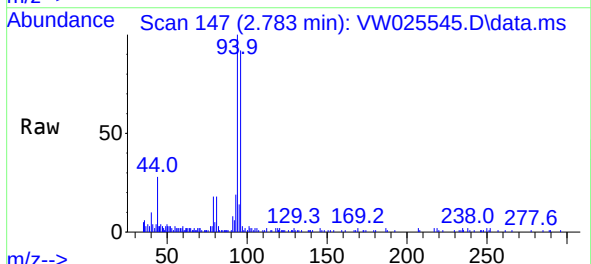
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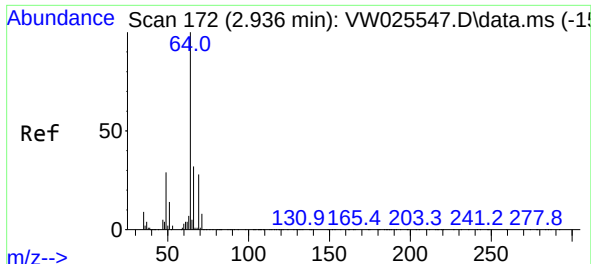
Tgt Ion: 62 Resp: 31794
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.9 44.3



#6
 Bromomethane
 Concen: 2.455 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

Tgt Ion: 94 Resp: 17601
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.0 118.8

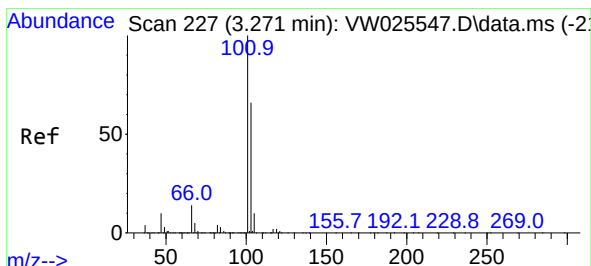
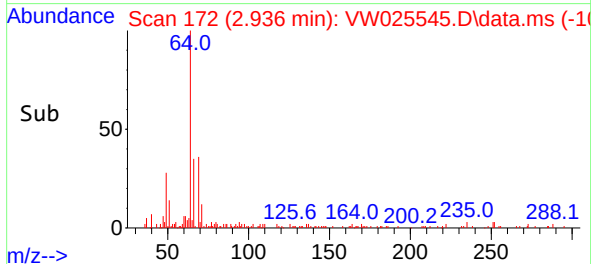
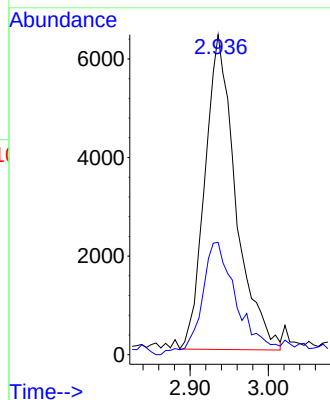
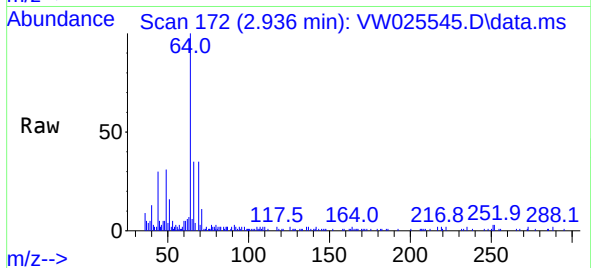




#8
Chloroethane
Concen: 2.341 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

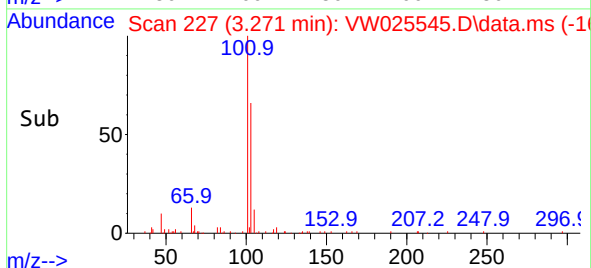
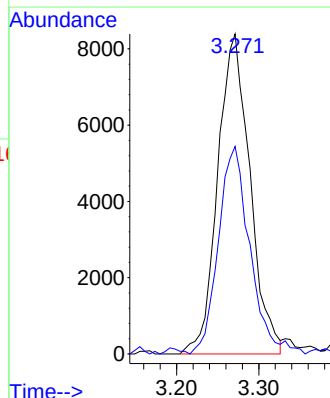
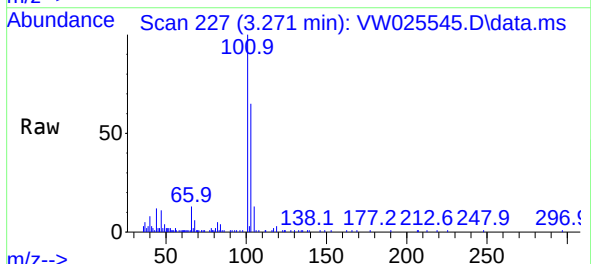
Instrument :
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ClientSampleId :
VSTD2.5437

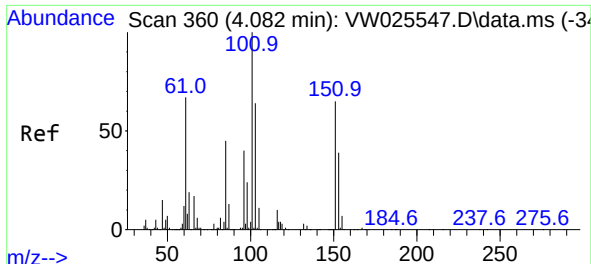
Tgt Ion: 64 Resp: 17474
Ion Ratio Lower Upper
64 100
66 35.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 2.230 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 101 Resp: 22892
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5

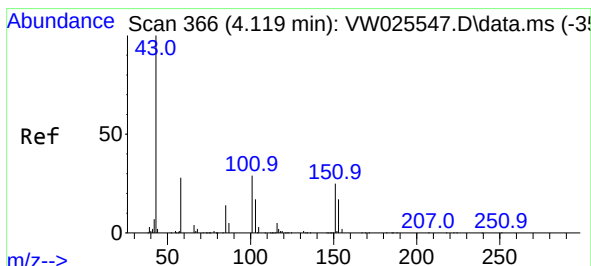
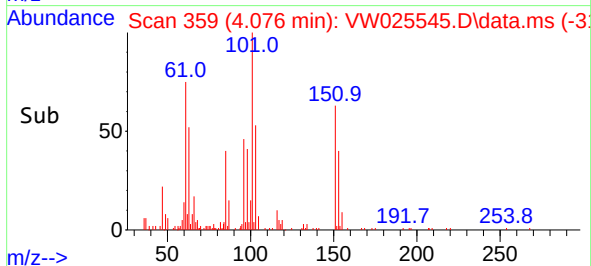
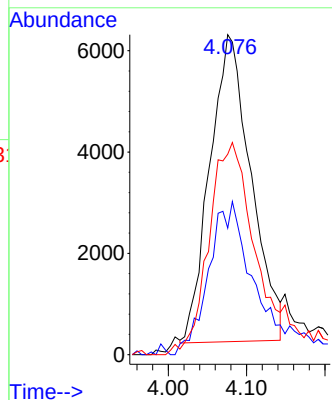
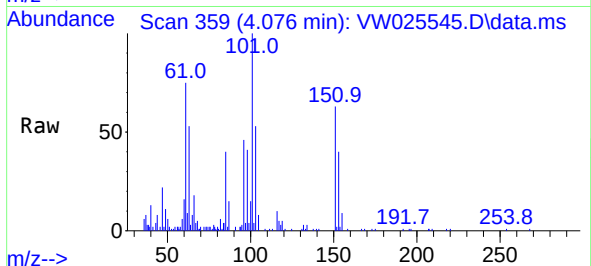




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.156 ug/L
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

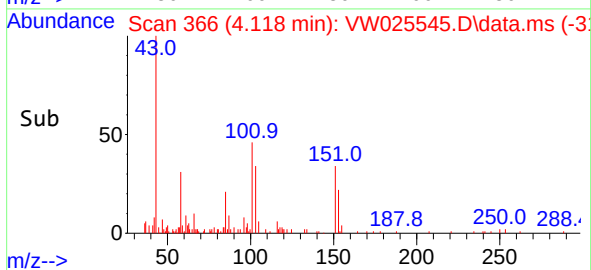
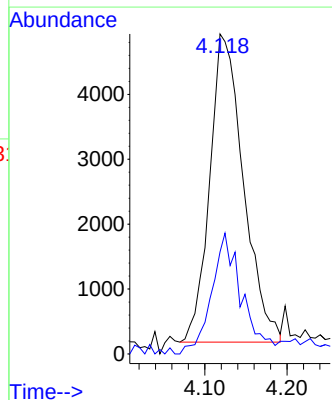
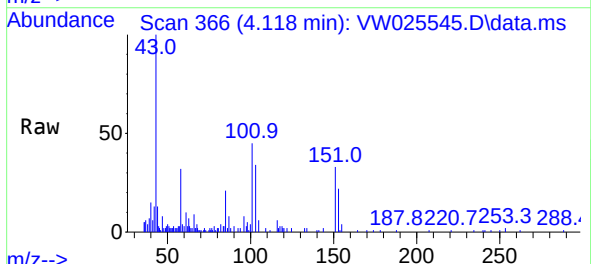
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ClientSampleId :
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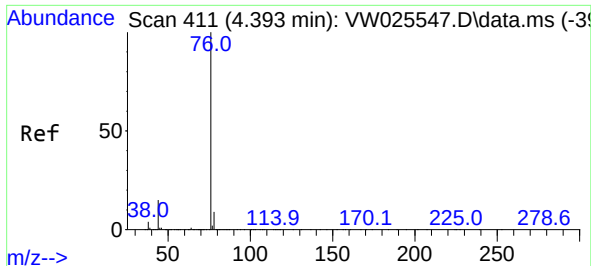
Tgt Ion:101 Resp: 22215
Ion Ratio Lower Upper
101 100
85 19.9 34.5 51.7#
151 26.1 54.8 82.2#



#13
Acetone
Concen: 5.905 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 43 Resp: 13530
Ion Ratio Lower Upper
43 100
58 31.6 0.0 57.4

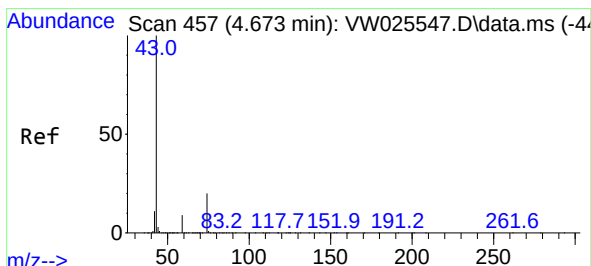
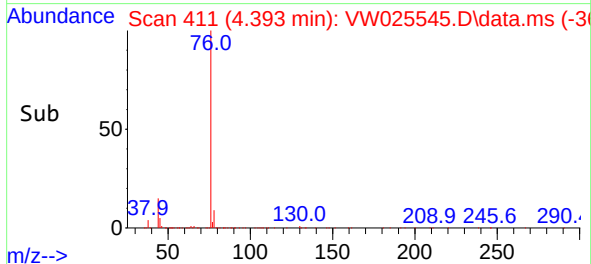
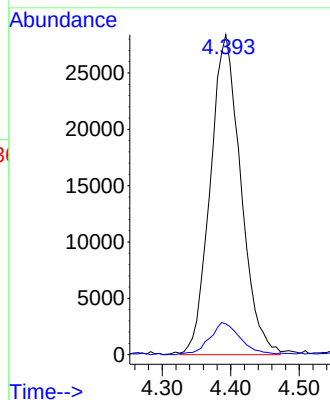
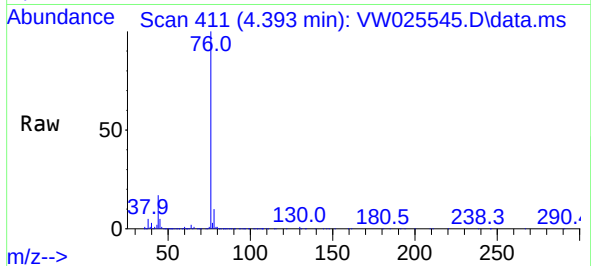




#14
Carbon disulfide
Concen: 2.414 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

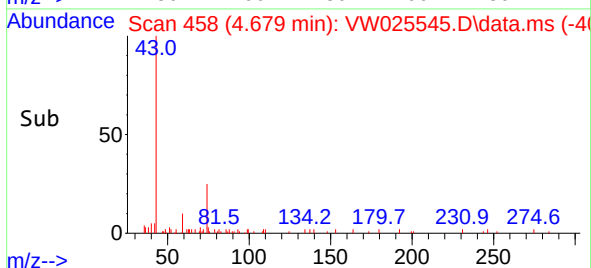
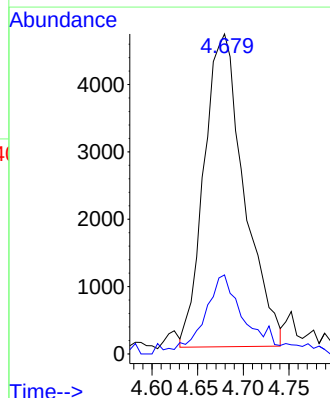
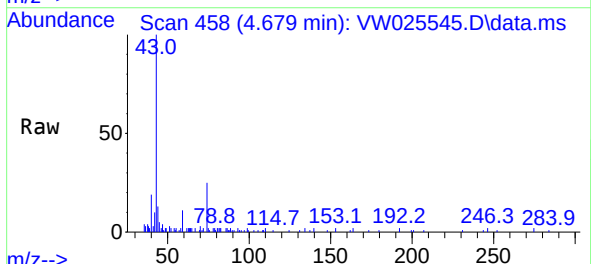
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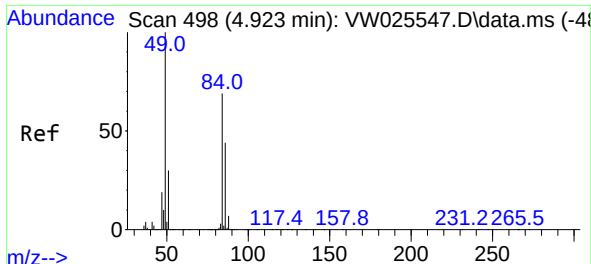
Tgt Ion: 76 Resp: 87815
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#15
Methyl Acetate
Concen: 2.759 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 43 Resp: 14149
Ion Ratio Lower Upper
43 100
74 21.7 17.0 25.4



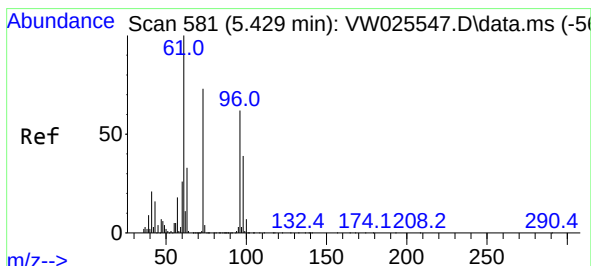
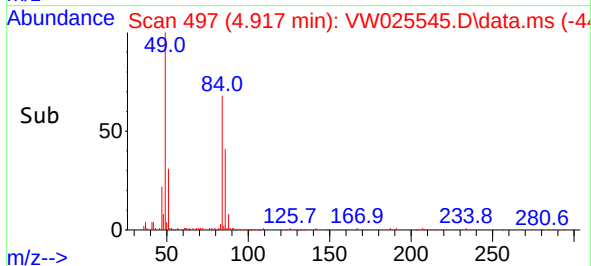
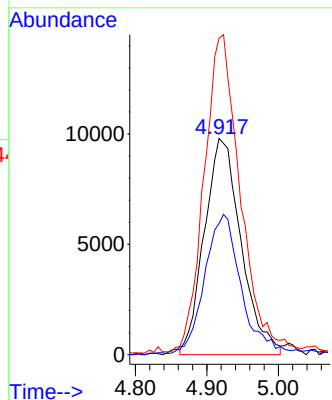
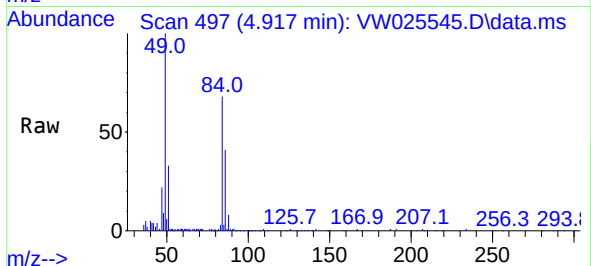


#16
Methylene chloride
Concen: 2.963 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

Tgt Ion: 84 Resp: 34989

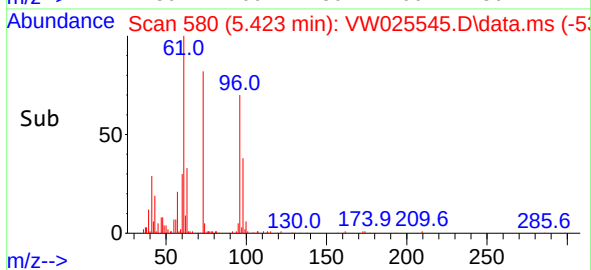
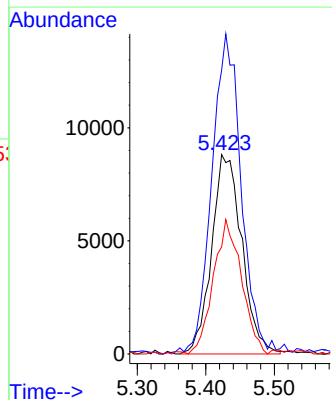
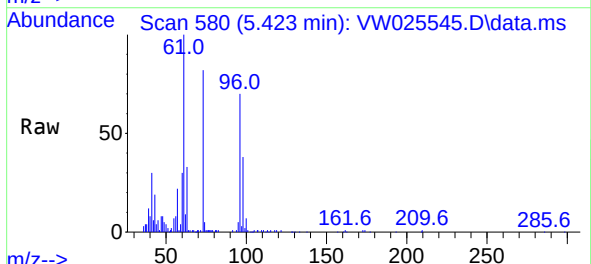
Ion	Ratio	Lower	Upper
84	100		
86	60.7	44.9	83.3
49	146.5	101.4	188.4

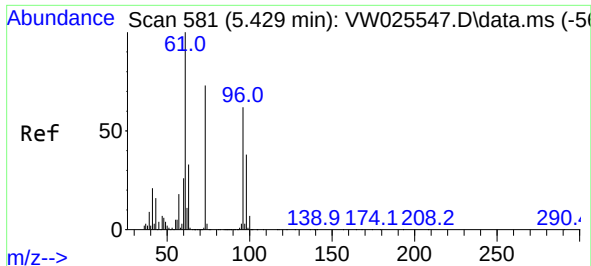


#17
trans-1,2-Dichloroethene
Concen: 2.460 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 96 Resp: 26971

Ion	Ratio	Lower	Upper
96	100		
61	142.4	113.3	210.3
98	53.7	43.6	81.0

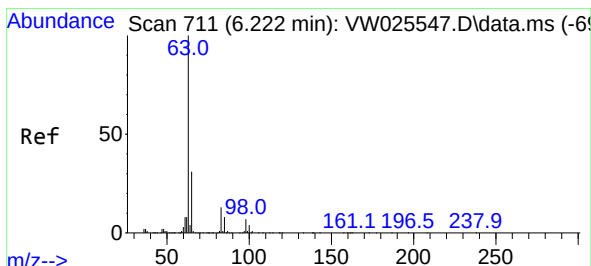
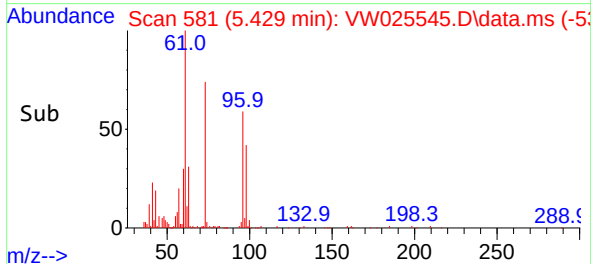
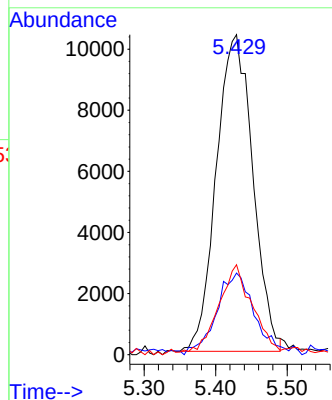
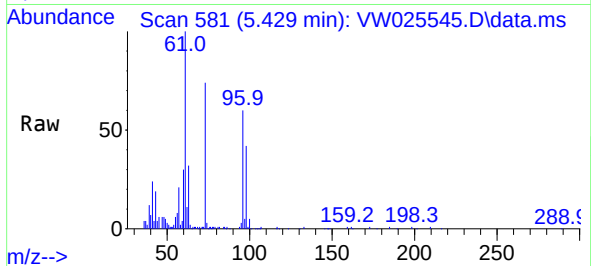




#18
Methyl tert-butyl Ether
Concen: 2.426 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

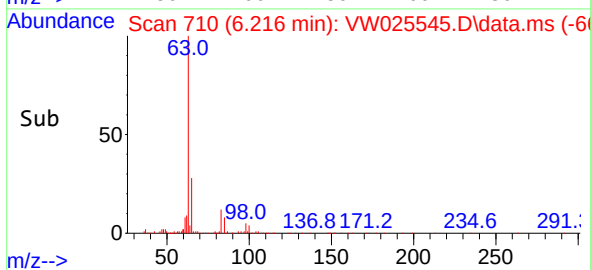
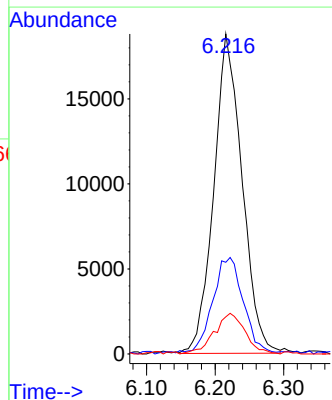
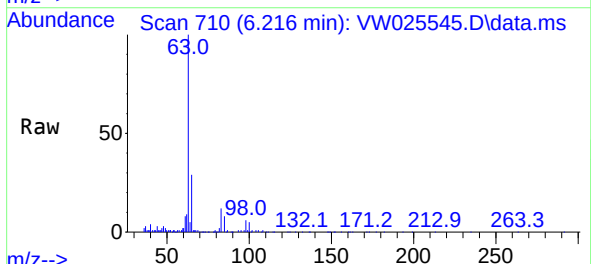
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

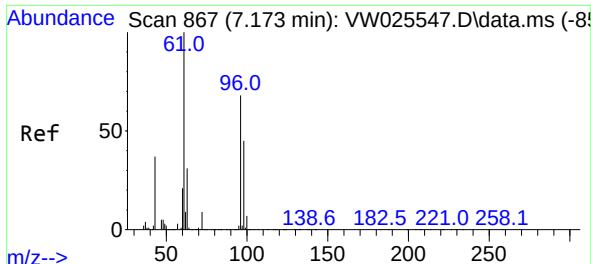
Tgt Ion: 73 Resp: 36698
Ion Ratio Lower Upper
73 100
43 10.1 17.8 26.6#
57 25.4 19.0 28.6



#19
1,1-Dichloroethane
Concen: 2.454 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 63 Resp: 53755
Ion Ratio Lower Upper
63 100
65 28.7 21.9 40.7
83 11.6 9.0 16.8

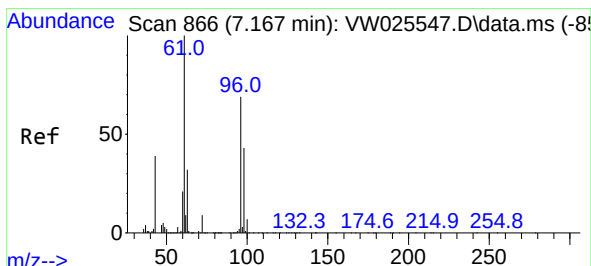
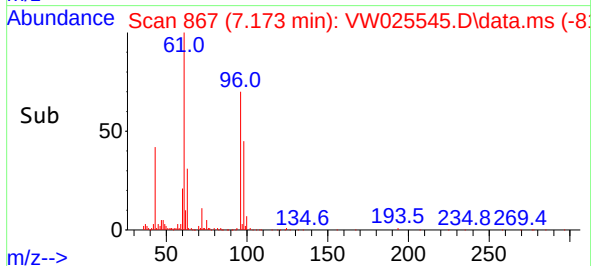
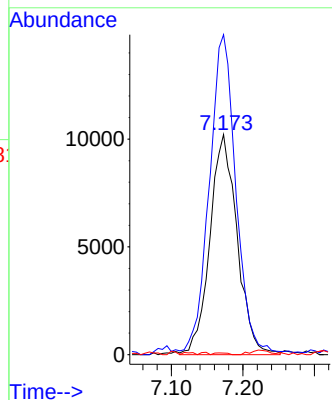
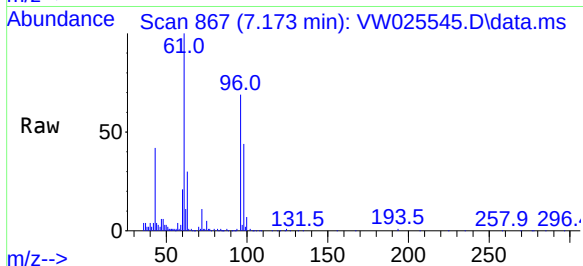




#20
 cis-1,2-Dichloroethene
 Concen: 2.367 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

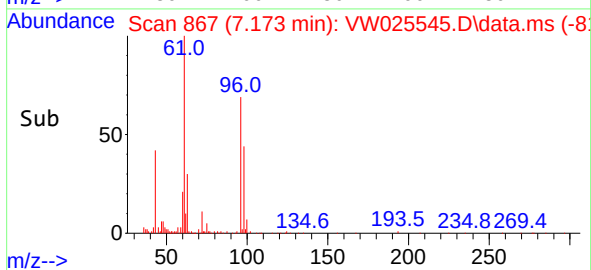
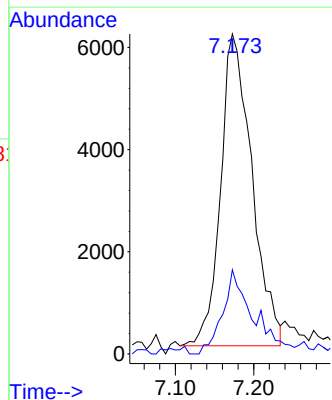
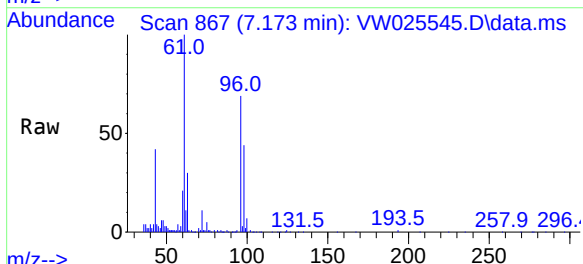
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

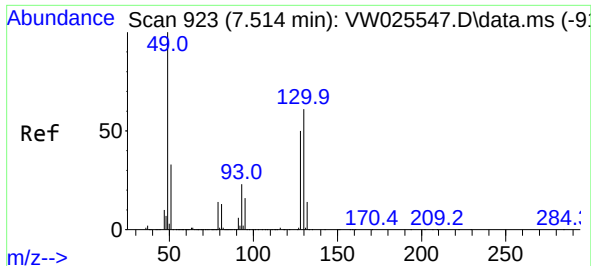
Tgt Ion: 96 Resp: 26995
 Ion Ratio Lower Upper
 96 100
 61 145.4 102.6 190.6
 68 0.7 0.1 0.1#



#22
 2-Butanone
 Concen: 5.236 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

Tgt Ion: 43 Resp: 16993
 Ion Ratio Lower Upper
 43 100
 72 20.5 12.0 36.0

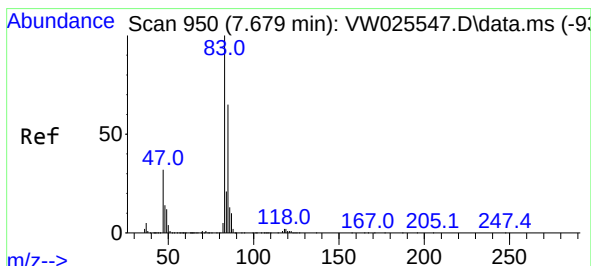
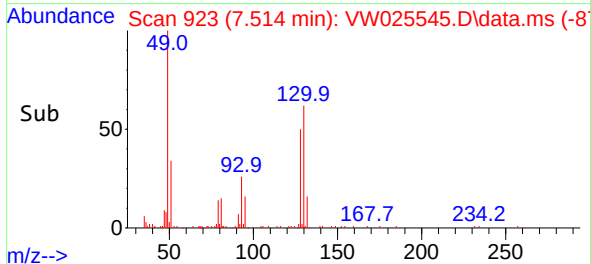
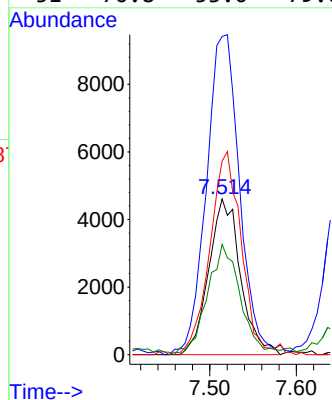
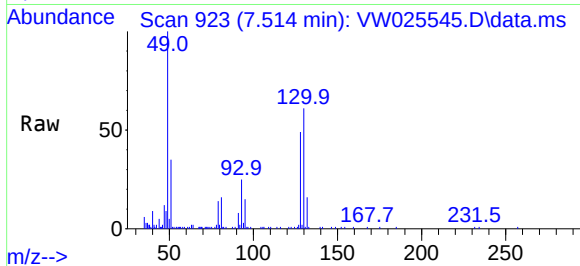




#23
Bromochloromethane
Concen: 2.511 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

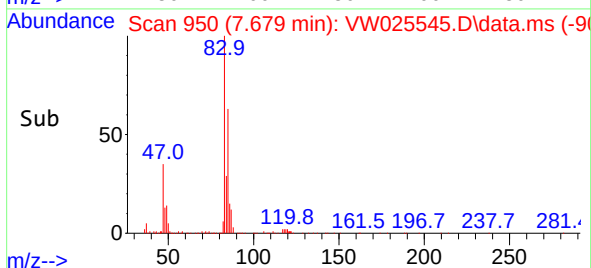
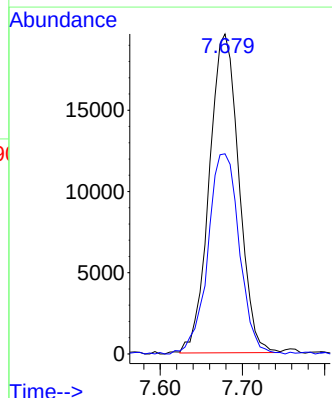
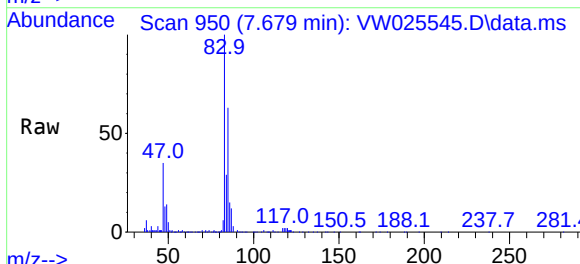
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

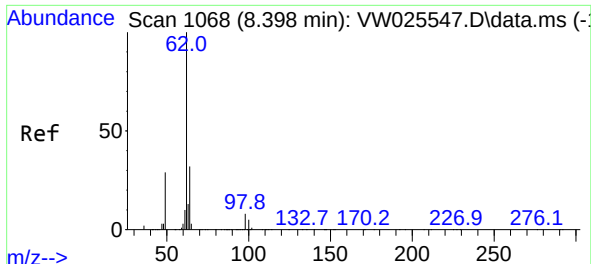
Tgt Ion:	128	Resp:	11744
Ion	Ratio	Lower	Upper
128	100		
49	204.4	141.7	263.3
130	124.3	86.7	160.9
51	70.8	53.0	79.6



#25
Chloroform
Concen: 2.453 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:	83	Resp:	49143
Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.8	85.2





#27

1,2-Dichloroethane

Concen: 2.521 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

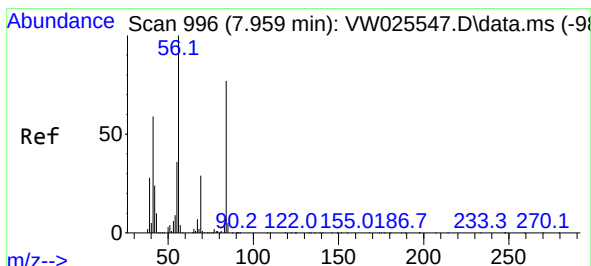
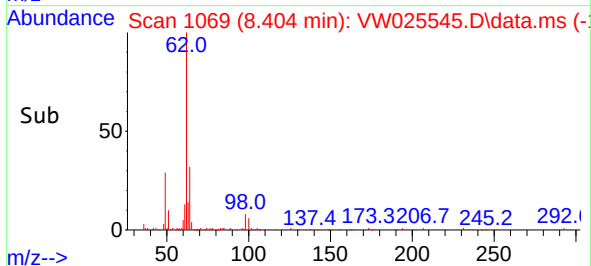
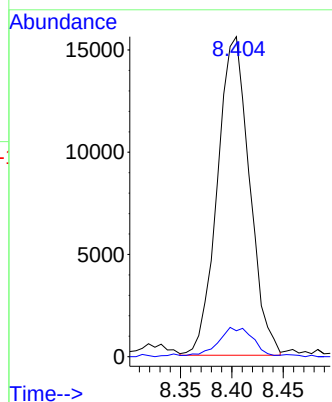
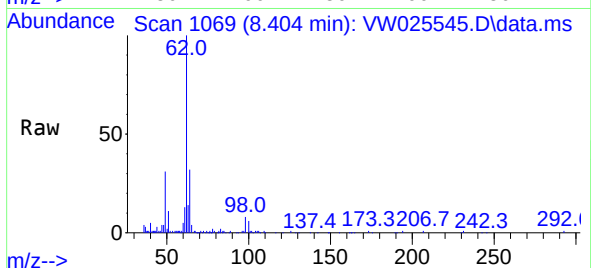
VSTD2.5437

Tgt Ion: 62 Resp: 33888

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0



#29

Cyclohexane

Concen: 2.125 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

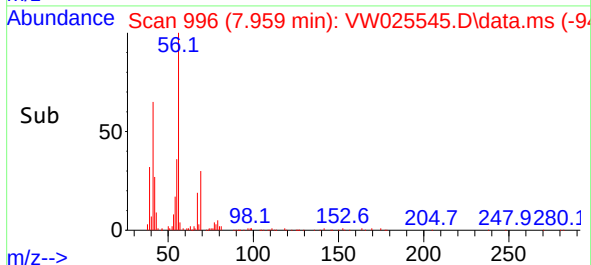
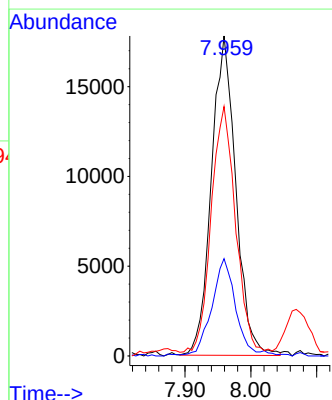
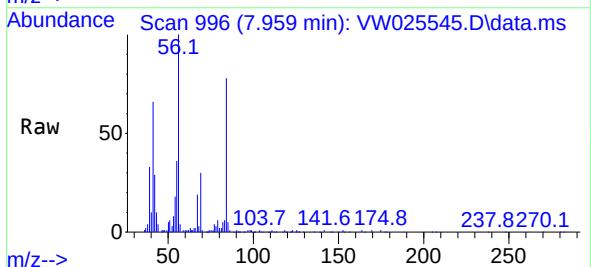
Tgt Ion: 56 Resp: 46010

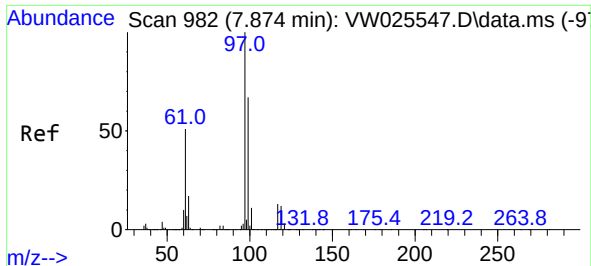
Ion Ratio Lower Upper

56 100

69 29.4 22.7 34.1

84 79.0 62.5 93.7



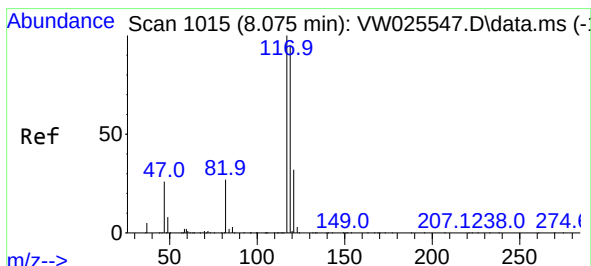
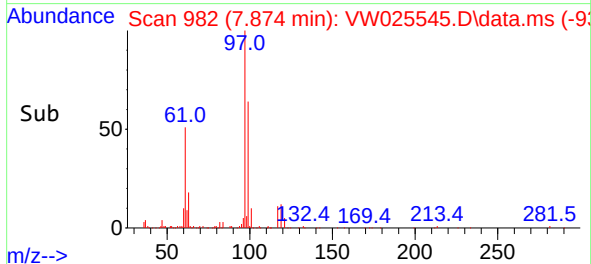
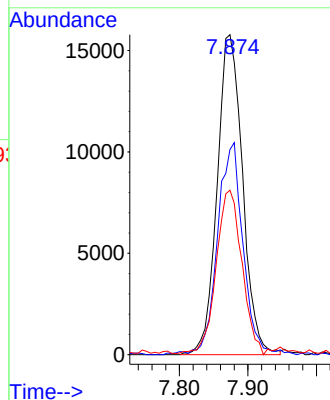
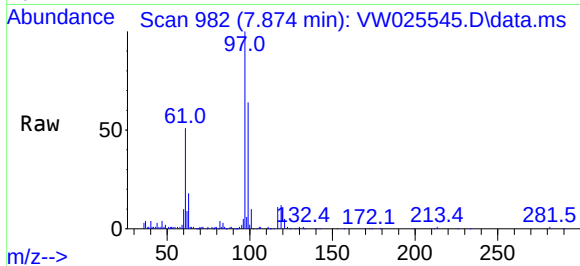


#30
 1,1,1-Trichloroethane
 Concen: 2.447 ug/L
 RT: 7.874 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

Tgt Ion: 97 Resp: 40679

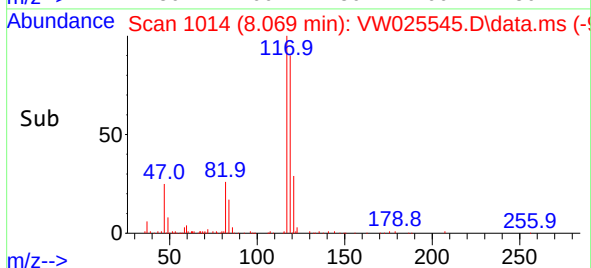
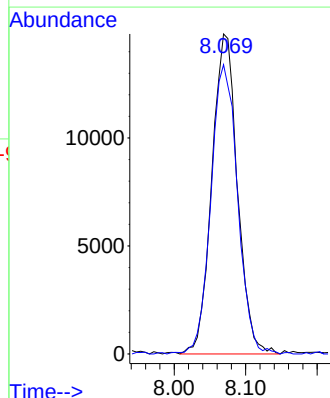
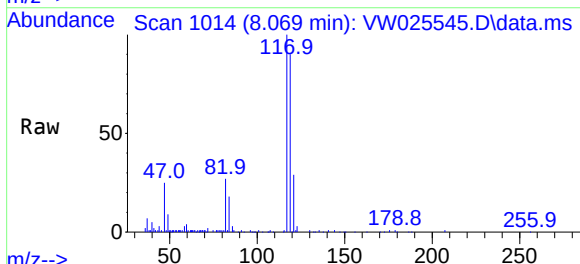
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.6
61	52.3	40.5	60.7

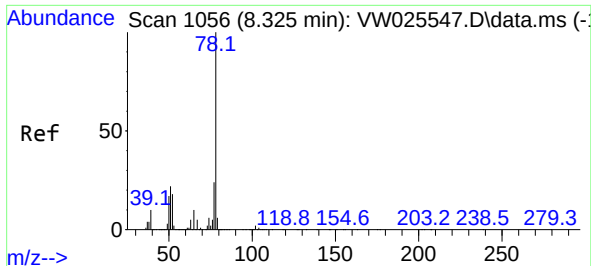


#31
 Carbon tetrachloride
 Concen: 2.455 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

Tgt Ion: 117 Resp: 36846

Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.7	113.5

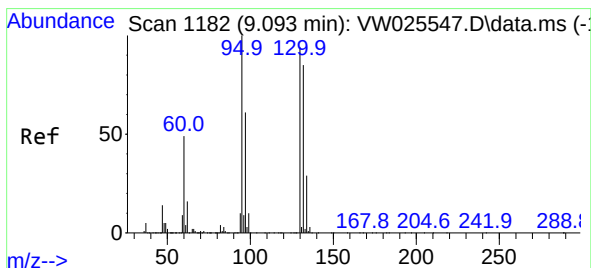
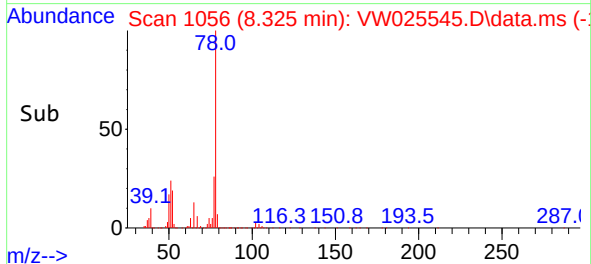
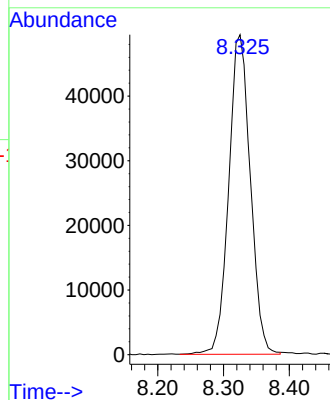
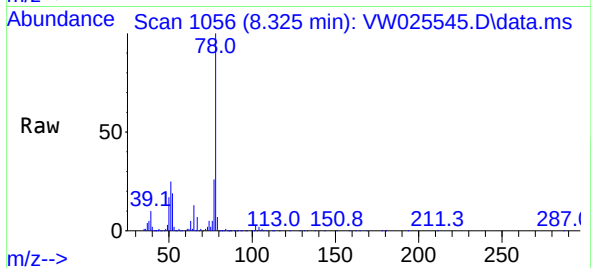




#33
Benzene
Concen: 2.427 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Instrument : MSVOA_W
ClientSampleId : VSTD2.5437

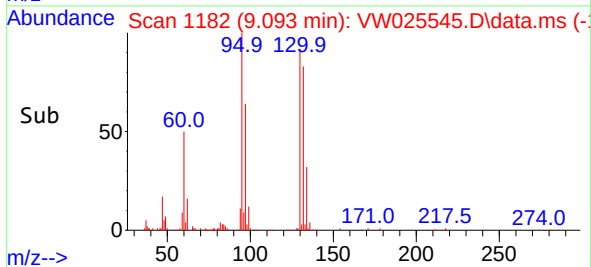
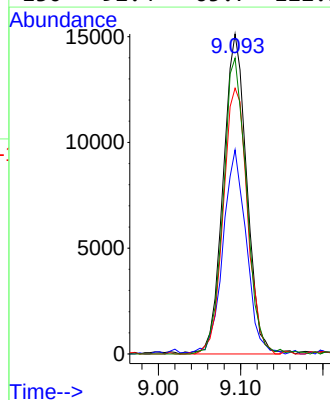
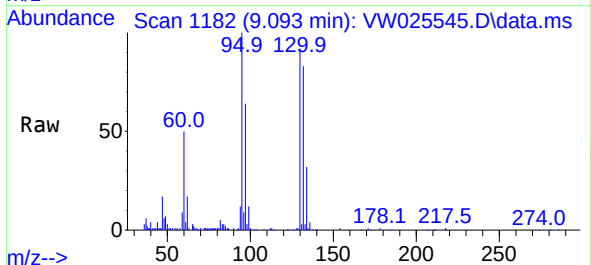
Tgt Ion: 78 Resp: 113029

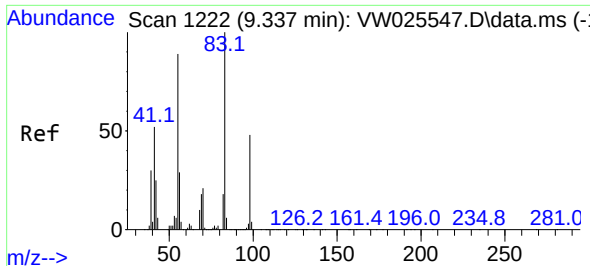


#34
Trichloroethene
Concen: 2.483 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 95 Resp: 30071

Ion	Ratio	Lower	Upper
95	100		
97	63.8	42.5	78.9
132	83.1	59.8	111.1
130	92.4	65.7	122.1

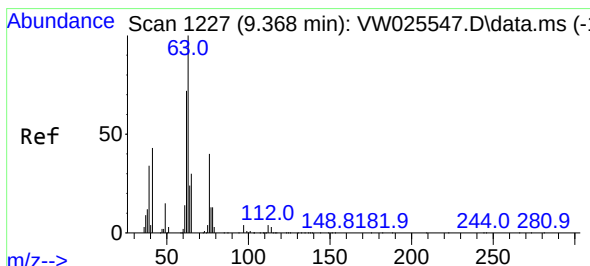
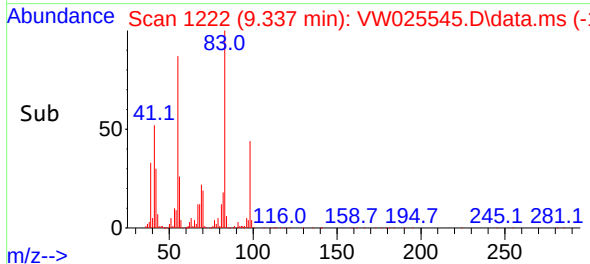
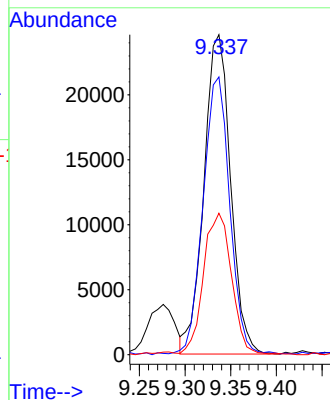
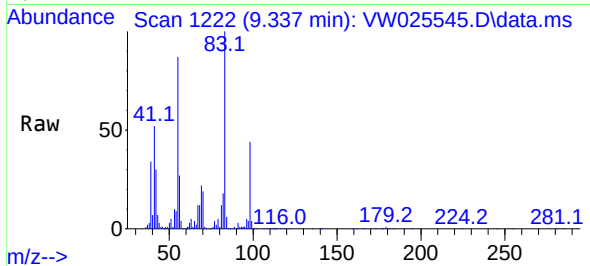




#35
Methylcyclohexane
Concen: 2.283 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

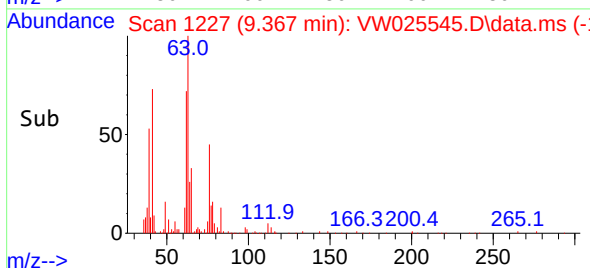
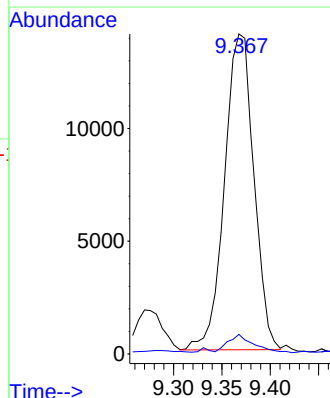
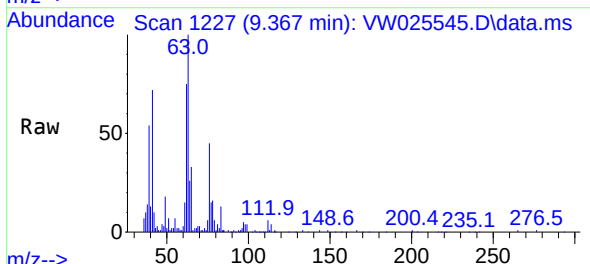
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

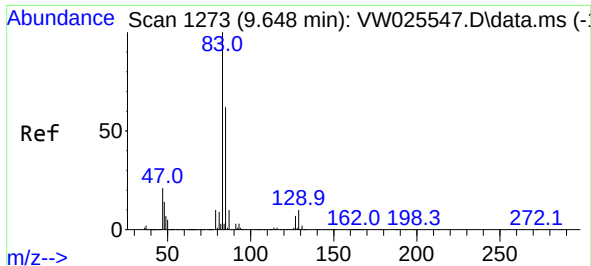
Tgt Ion:	83	Resp:	49932
Ion	Ratio	Lower	Upper
83	100		
55	87.0	68.7	103.1
98	46.4	37.7	56.5



#37
1,2-Dichloropropane
Concen: 2.406 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:	63	Resp:	29590
Ion	Ratio	Lower	Upper
63	100		
112	5.0	3.4	5.0

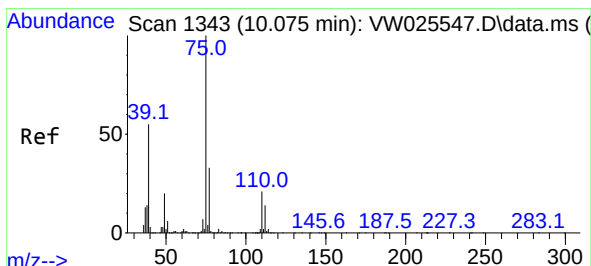
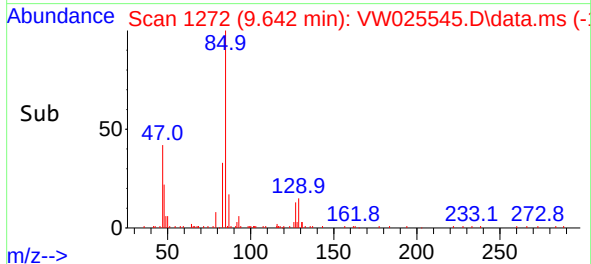
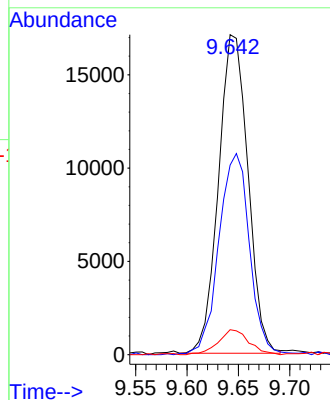
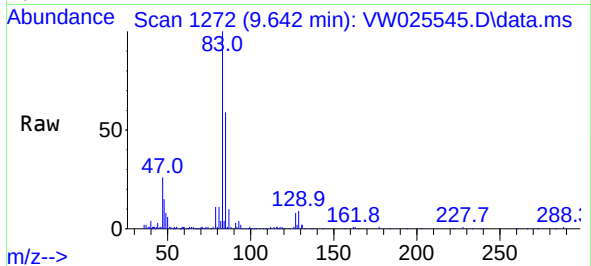




#38
Bromodichloromethane
Concen: 2.414 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

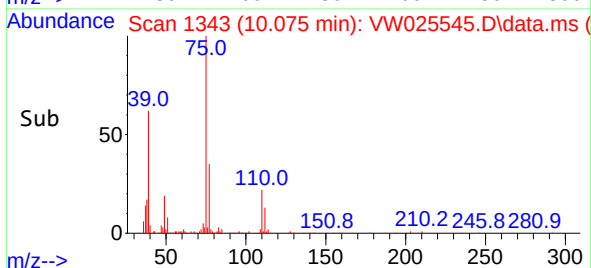
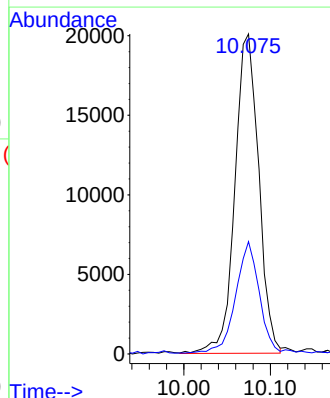
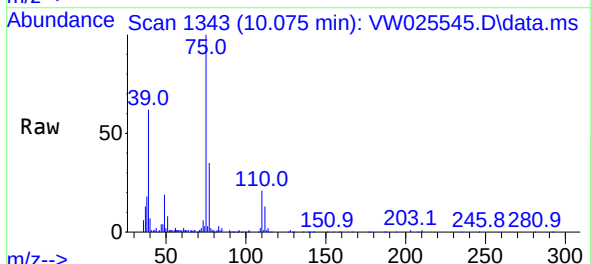
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

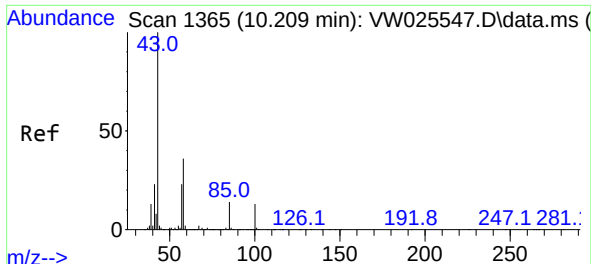
Tgt Ion: 83 Resp: 33968
Ion Ratio Lower Upper
83 100
85 59.3 43.5 80.7
127 7.8 5.8 8.8



#39
cis-1,3-Dichloropropene
Concen: 2.170 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 75 Resp: 38278
Ion Ratio Lower Upper
75 100
77 35.1 22.8 42.4

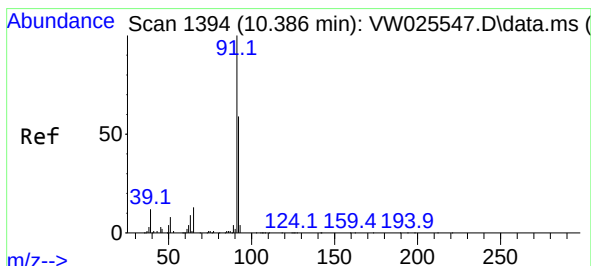
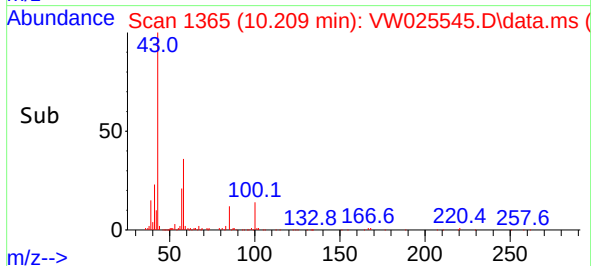
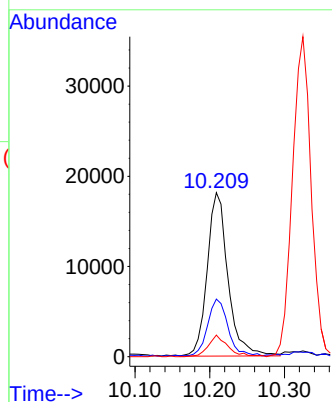
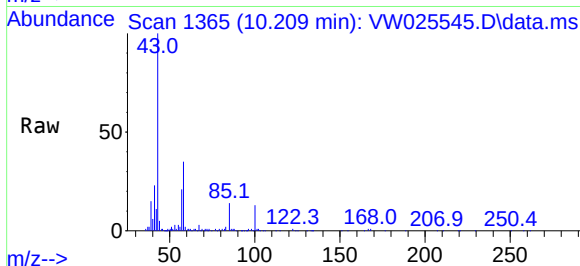




#40
4-Methyl-2-pentanone
Concen: 5.034 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

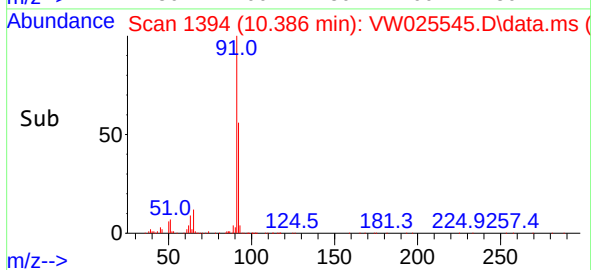
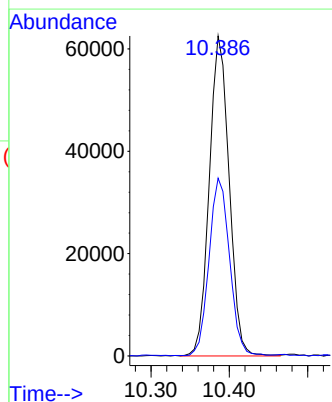
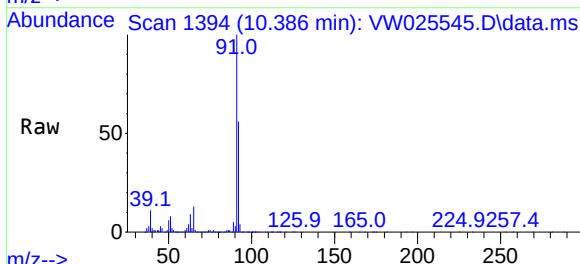
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

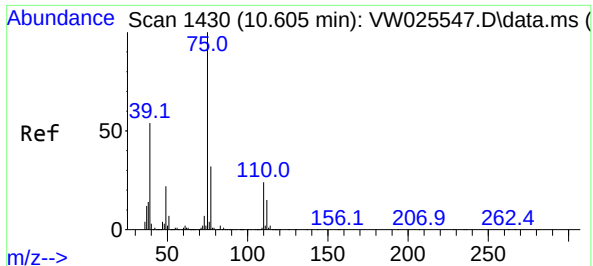
Tgt Ion:	43	Resp:	35045
Ion	Ratio	Lower	Upper
43	100		
58	33.3	29.2	43.8
100	11.6	10.2	15.4



#42
Toluene
Concen: 2.323 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:	91	Resp:	110173
Ion	Ratio	Lower	Upper
91	100		
92	55.5	41.1	76.3

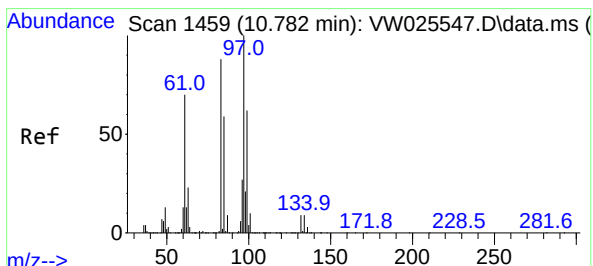
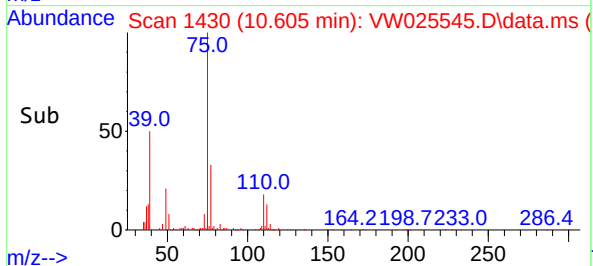
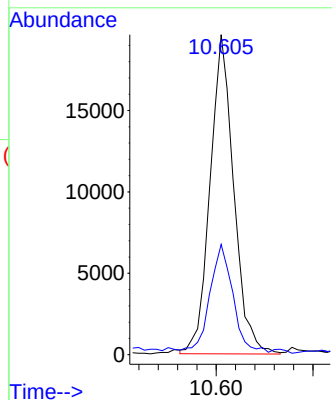
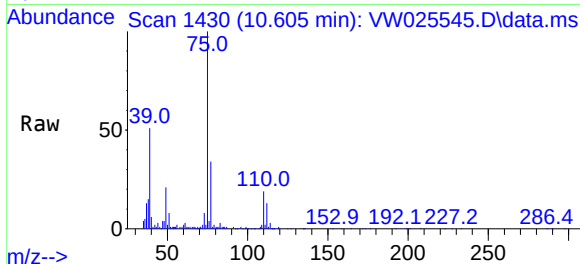




#44
trans-1,3-Dichloropropene
Concen: 2.292 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

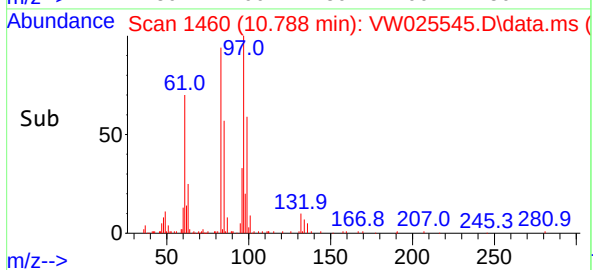
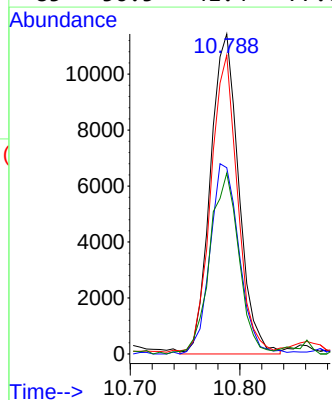
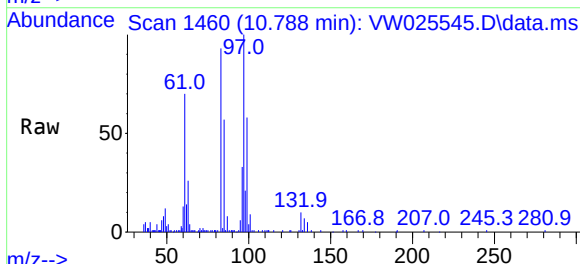
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

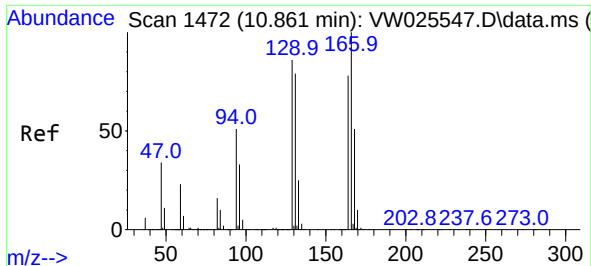
Tgt Ion: 75 Resp: 33343
Ion Ratio Lower Upper
75 100
77 34.4 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 2.617 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 97 Resp: 20522
Ion Ratio Lower Upper
97 100
99 58.2 43.8 81.3
83 93.4 61.8 114.8
85 56.5 41.4 77.0



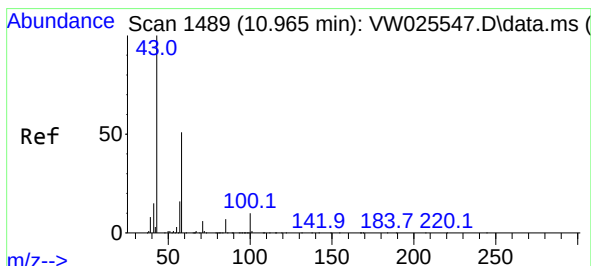
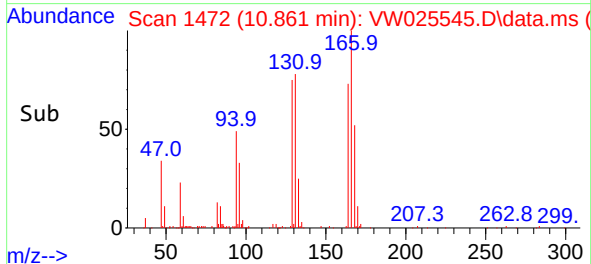
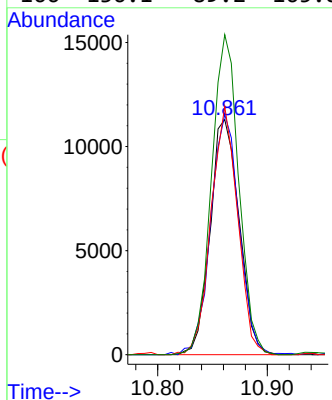
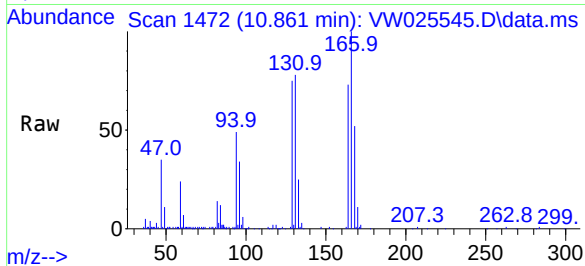


#46
Tetrachloroethene
Concen: 2.440 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

Tgt Ion:164 Resp: 20783

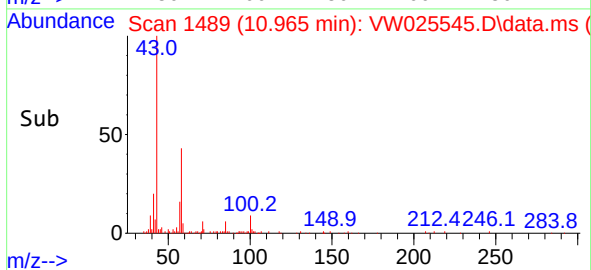
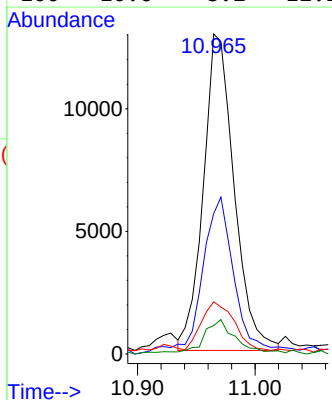
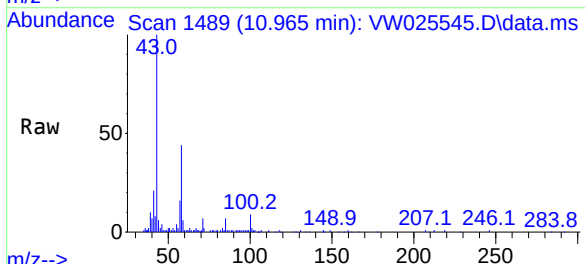
Ion	Ratio	Lower	Upper
164	100		
129	102.1	76.9	142.9
131	105.5	70.5	130.9
166	136.1	89.2	165.8

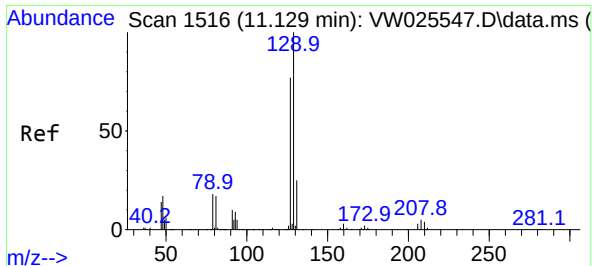


#48
2-Hexanone
Concen: 4.907 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 43 Resp: 23601

Ion	Ratio	Lower	Upper
43	100		
58	47.7	38.6	57.8
57	17.3	13.9	20.9
100	10.6	8.2	12.2





#49

Dibromochloromethane

Concen: 2.420 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

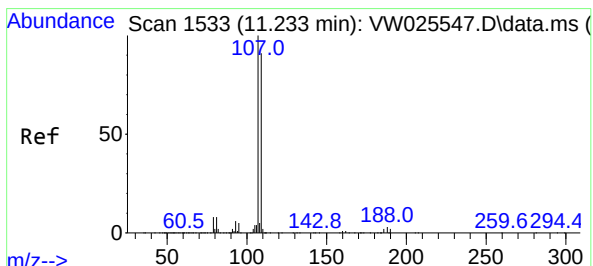
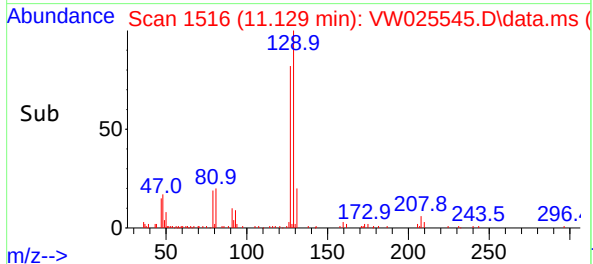
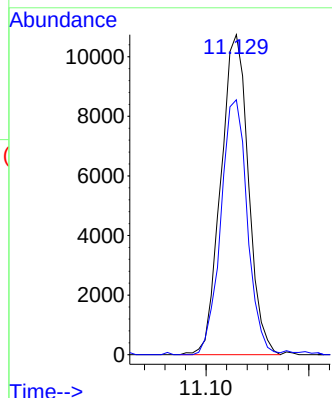
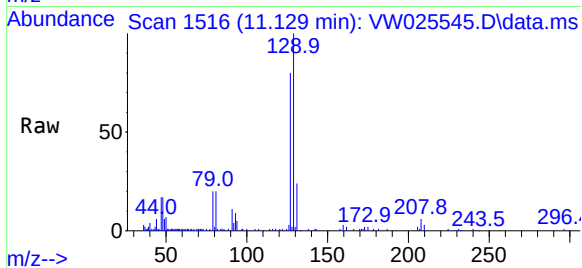
VSTD2.5437

Tgt Ion:129 Resp: 19980

Ion Ratio Lower Upper

129 100

127 79.7 54.0 100.2



#50

1,2-Dibromoethane

Concen: 2.463 ug/L

RT: 11.239 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

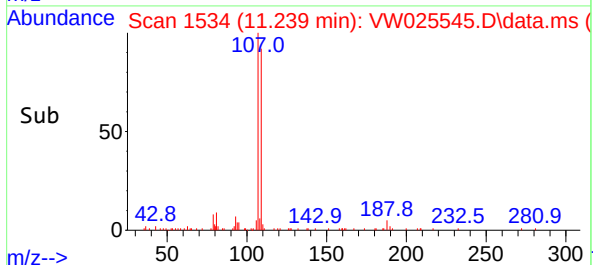
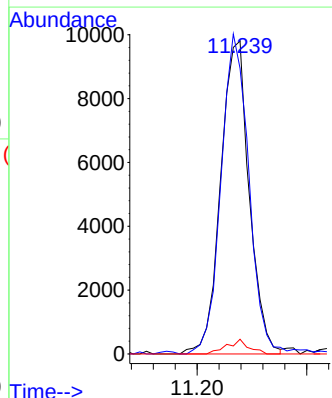
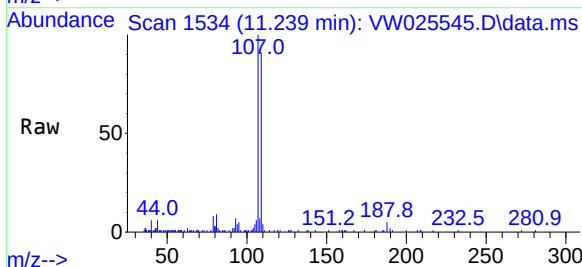
Tgt Ion:107 Resp: 17744

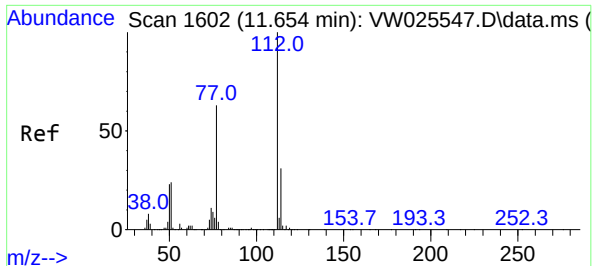
Ion Ratio Lower Upper

107 100

109 91.3 64.1 119.1

188 4.7 2.8 4.2#

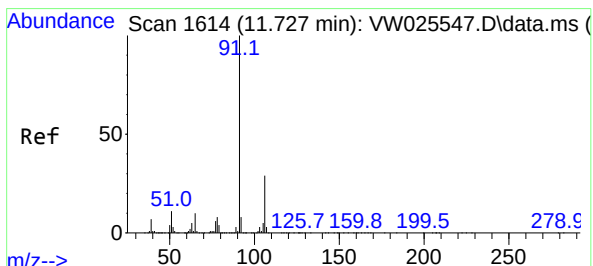
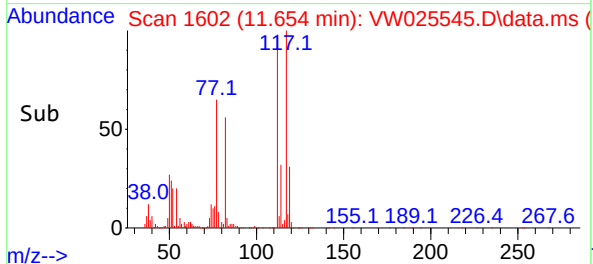
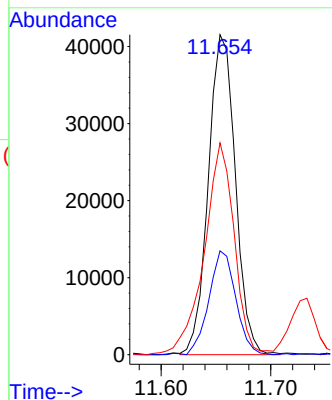
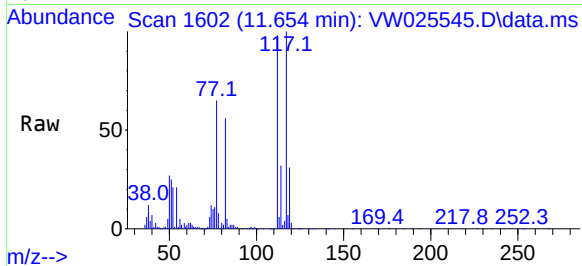




#51
Chlorobenzene
Concen: 2.441 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

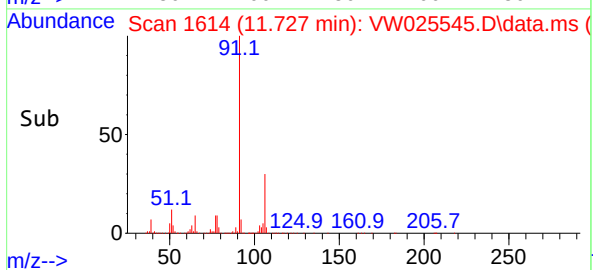
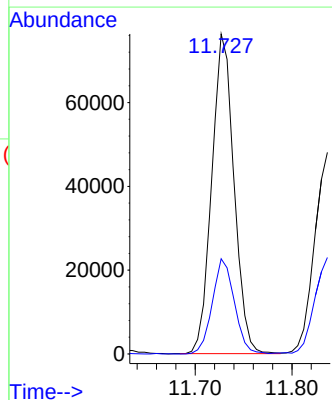
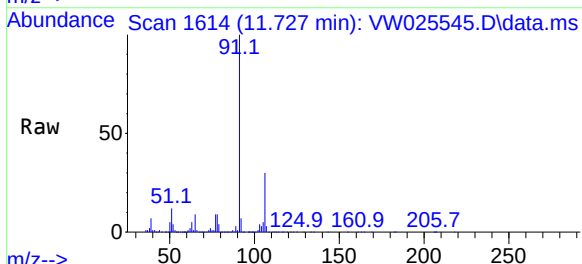
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

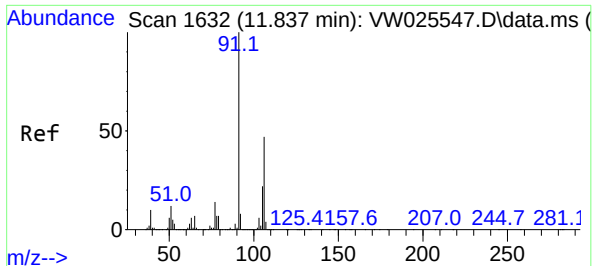
Tgt Ion:	112	Resp:	71334
Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.6	40.2
77	66.2	50.2	75.2



#52
Ethylbenzene
Concen: 2.270 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:	91	Resp:	121786
Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.3	37.7

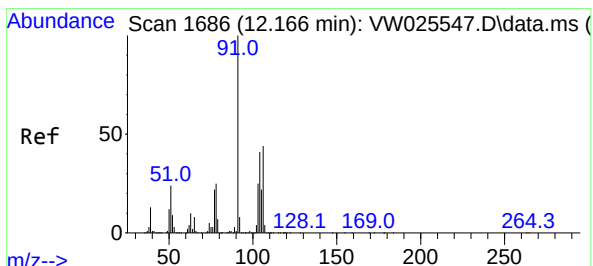
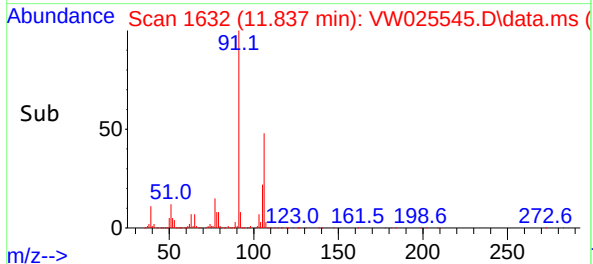
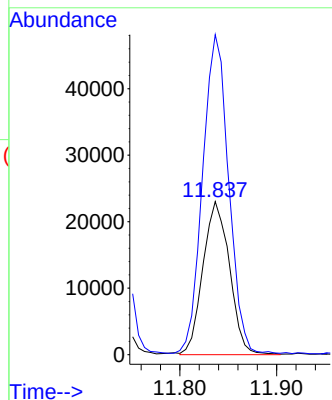
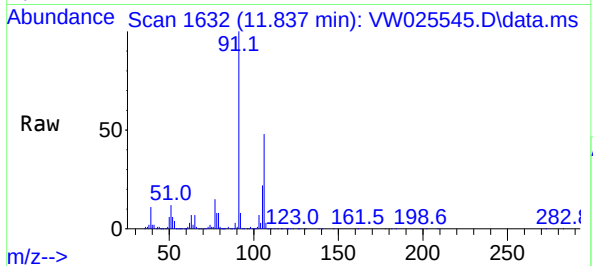




#53
m,p-Xylene
Concen: 2.241 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

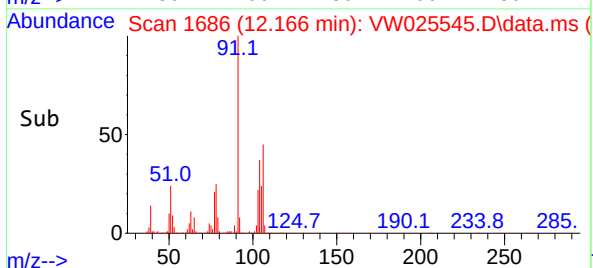
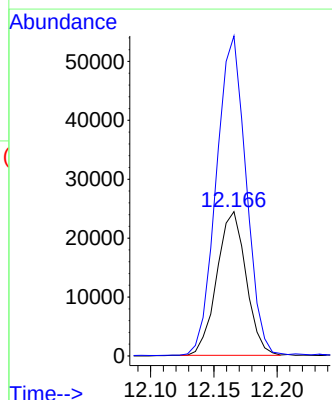
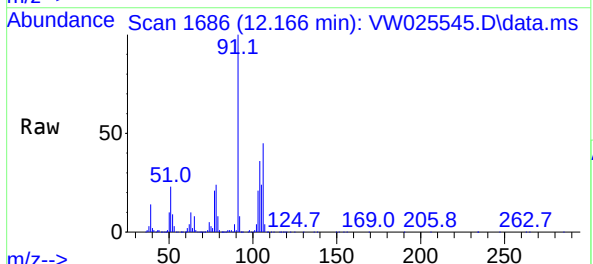
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

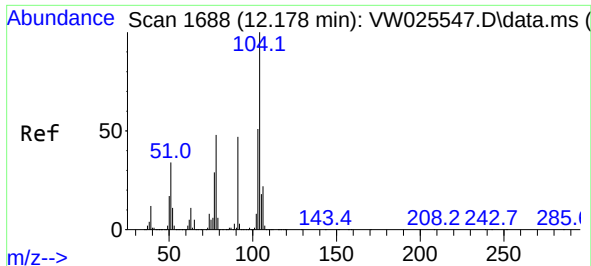
Tgt Ion:106 Resp: 44100
Ion Ratio Lower Upper
106 100
91 209.0 148.0 274.8



#54
o-Xylene
Concen: 2.126 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:106 Resp: 39134
Ion Ratio Lower Upper
106 100
91 221.8 158.2 293.8

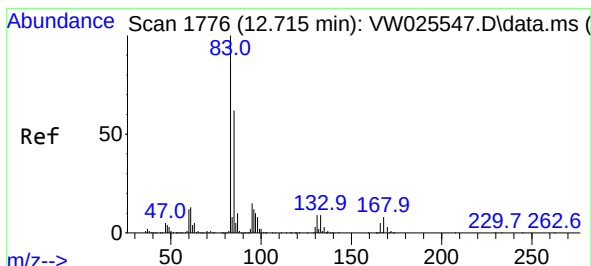
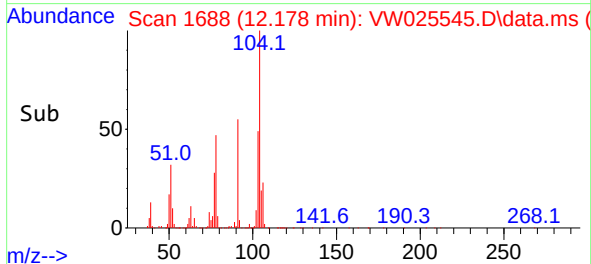
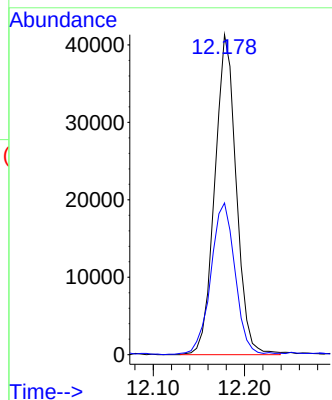
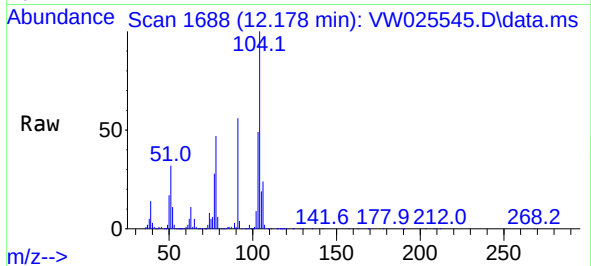




#55
Styrene
Concen: 2.182 ug/L
RT: 12.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

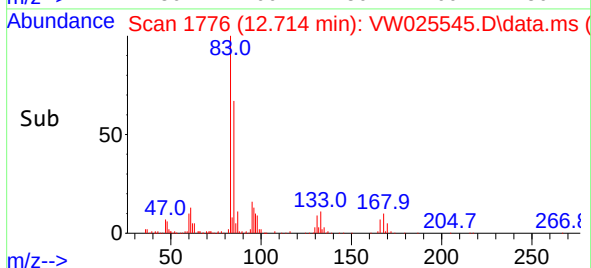
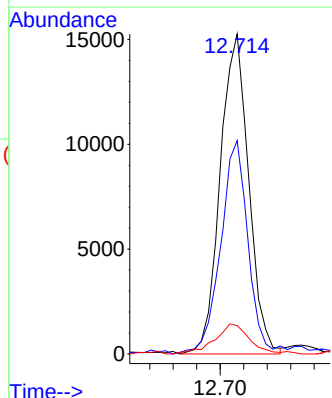
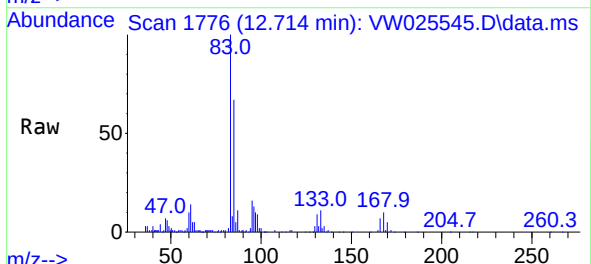
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

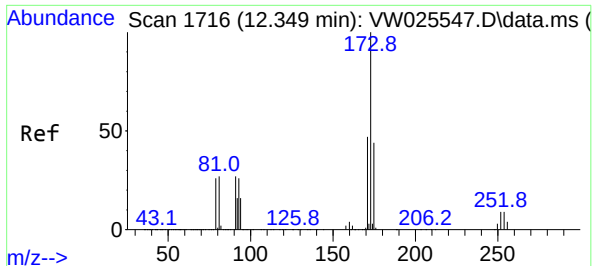
Tgt Ion:104 Resp: 67617
Ion Ratio Lower Upper
104 100
78 47.4 33.3 61.9



#57
1,1,2,2-Tetrachloroethane
Concen: 2.736 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion: 83 Resp: 25702
Ion Ratio Lower Upper
83 100
85 66.7 43.5 80.7
131 8.9 7.0 10.4

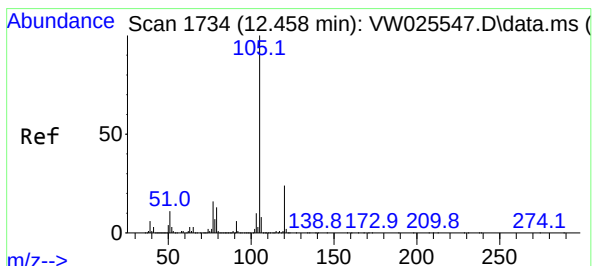
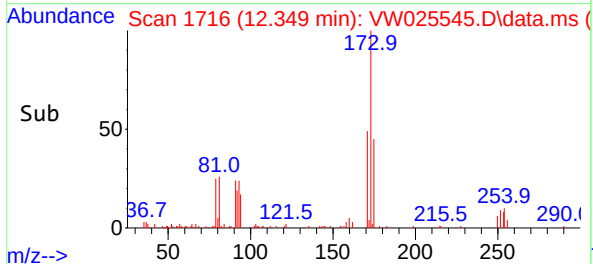
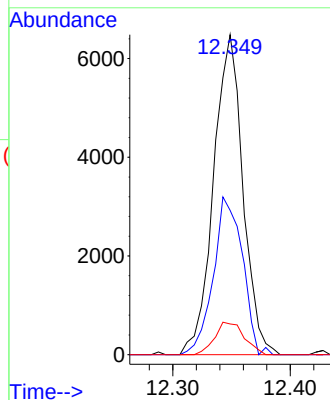
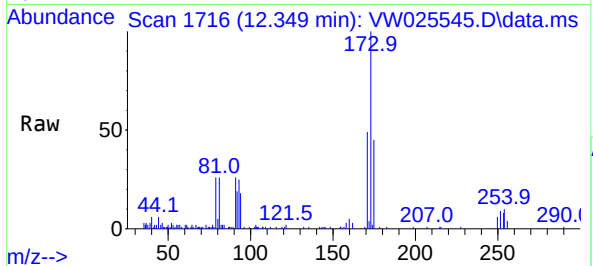




#59
Bromoform
Concen: 2.512 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

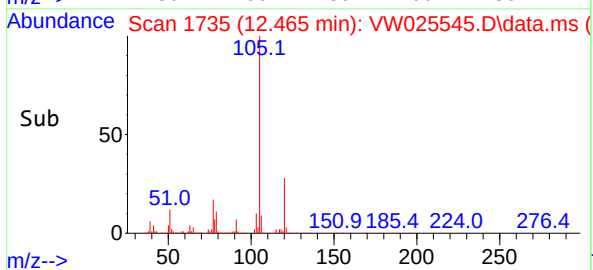
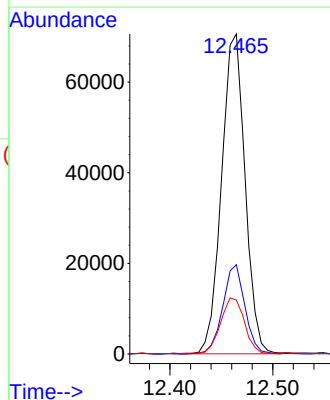
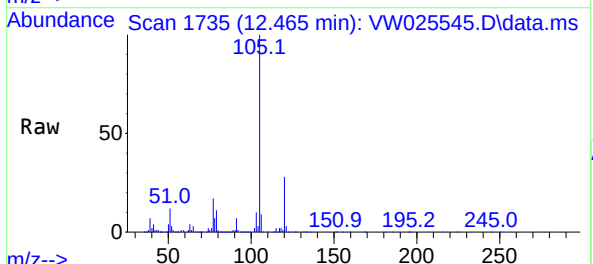
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

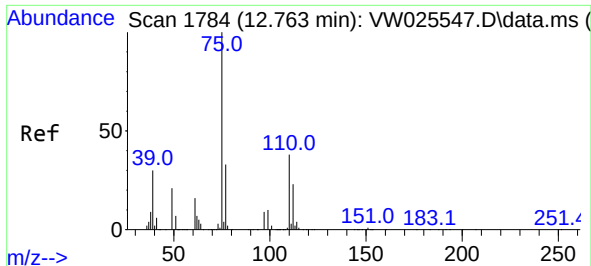
Tgt Ion:173 Resp: 11262
Ion Ratio Lower Upper
173 100
175 48.3 36.1 54.1
254 10.2 7.0 10.6



#60
Isopropylbenzene
Concen: 2.184 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:105 Resp: 111937
Ion Ratio Lower Upper
105 100
120 26.3 20.1 30.1
77 17.6 13.2 19.8





#61

1,2,3-Trichloropropane

Concen: 2.711 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

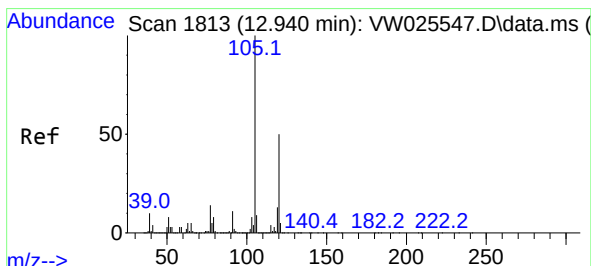
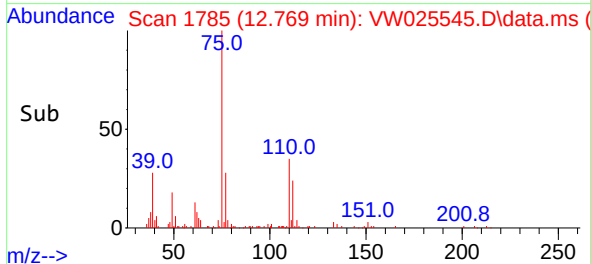
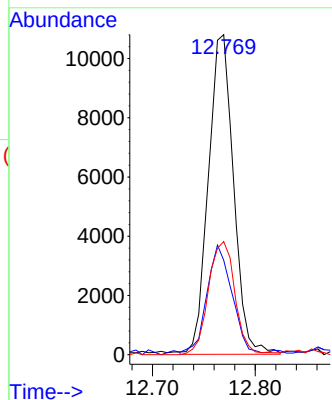
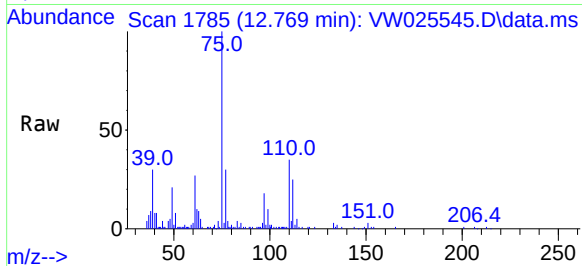
Tgt Ion: 75 Resp: 18382

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.2

110 37.0 29.0 43.6



#62

1,3,5-Trimethylbenzene

Concen: 2.014 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025545.D

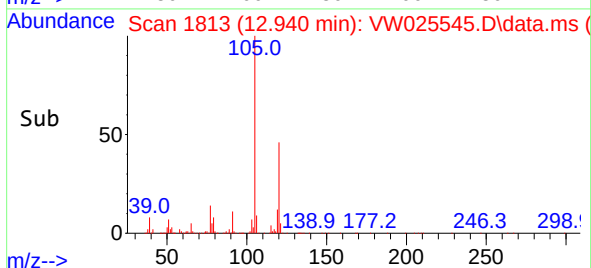
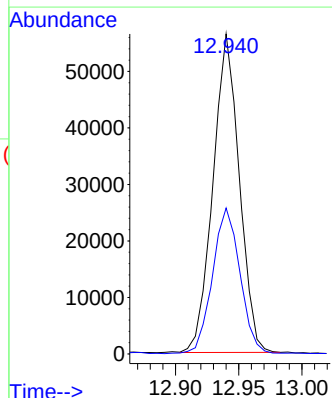
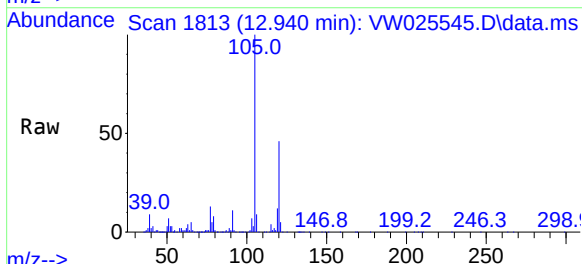
Acq: 03 Apr 2023 09:18

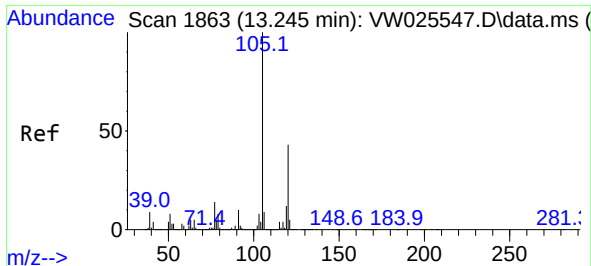
Tgt Ion:105 Resp: 81478

Ion Ratio Lower Upper

105 100

120 47.8 38.4 57.6

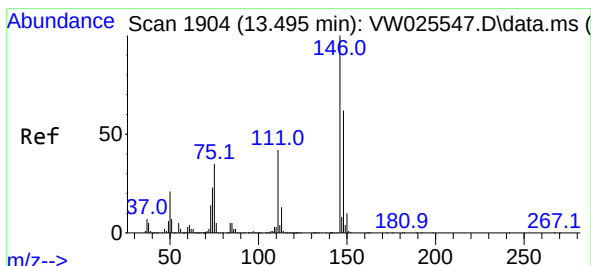
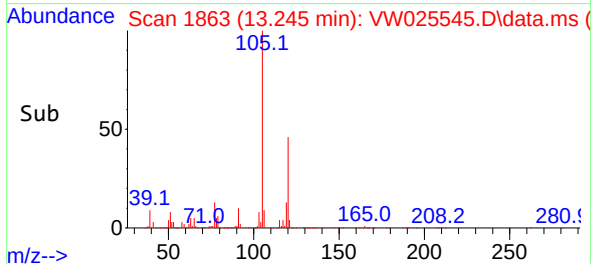
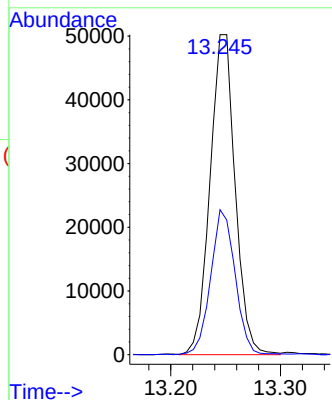
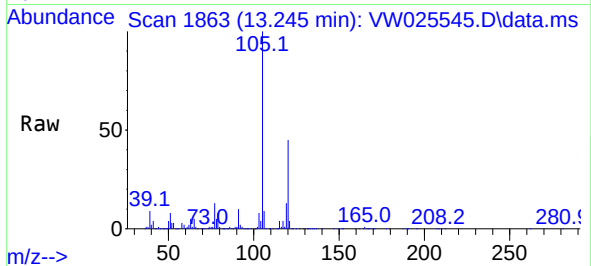




#63
1,2,4-Trimethylbenzene
Concen: 2.057 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

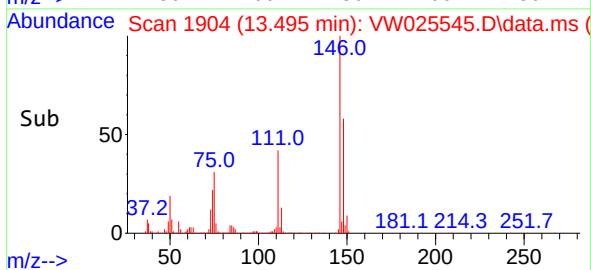
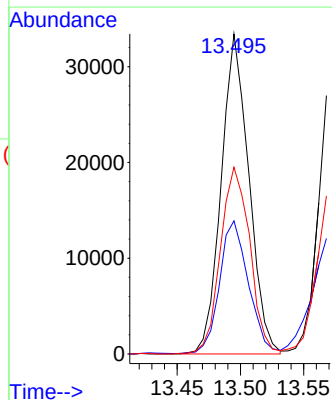
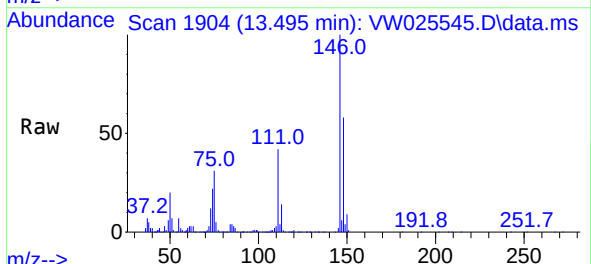
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

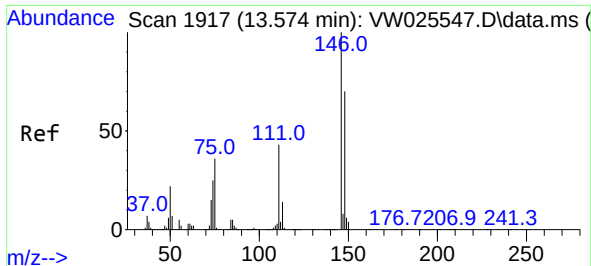
Tgt Ion:105 Resp: 80111
Ion Ratio Lower Upper
105 100
120 44.1 34.8 52.2



#64
1,3-Dichlorobenzene
Concen: 2.396 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:146 Resp: 50875
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 58.3 43.4 80.6

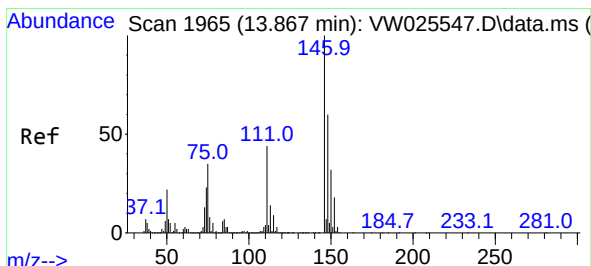
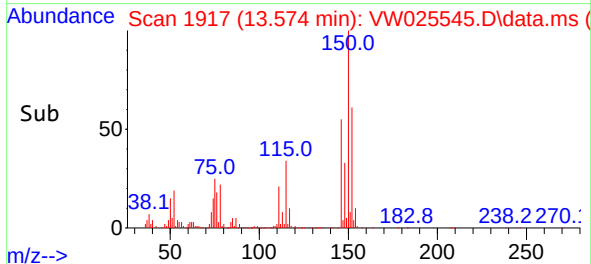
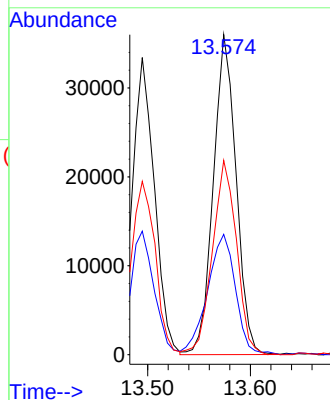
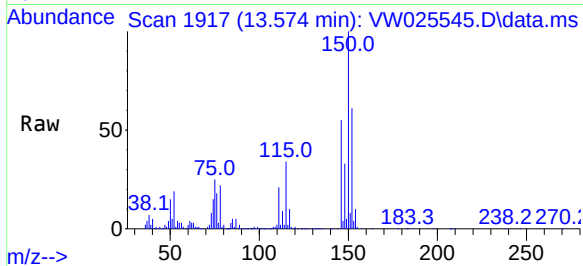




#65
1,4-Dichlorobenzene
Concen: 2.553 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

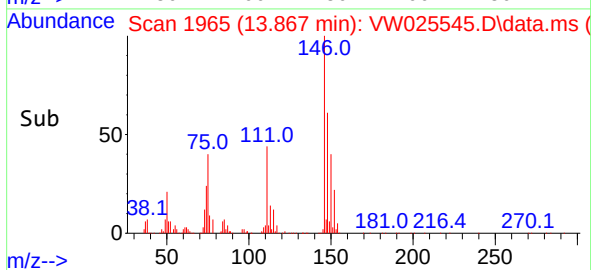
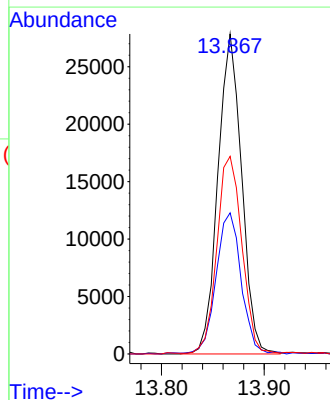
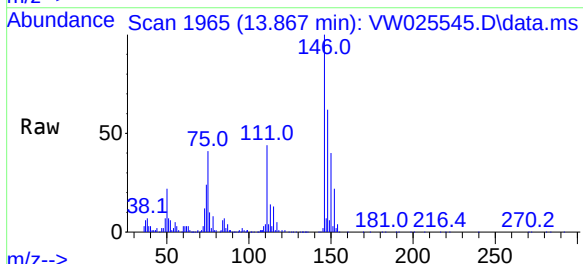
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

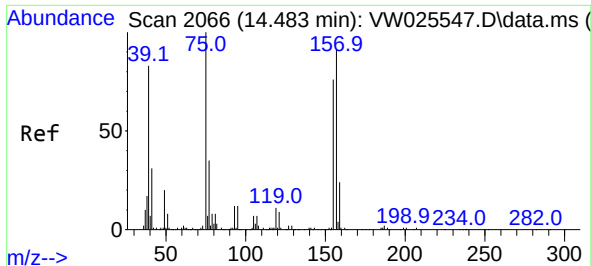
Tgt Ion:	146	Resp:	55358
Ion	Ratio	Lower	Upper
146	100		
111	37.6	30.4	56.5
148	60.7	48.6	90.3



#67
1,2-Dichlorobenzene
Concen: 2.395 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025545.D
Acq: 03 Apr 2023 09:18

Tgt Ion:	146	Resp:	44595
Ion	Ratio	Lower	Upper
146	100		
111	44.1	35.3	52.9
148	61.8	47.9	71.9





#68

1,2-Dibromo-3-chloropropane

Concen: 3.133 ug/L

RT: 14.476 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

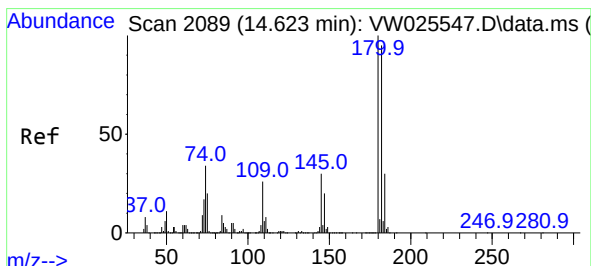
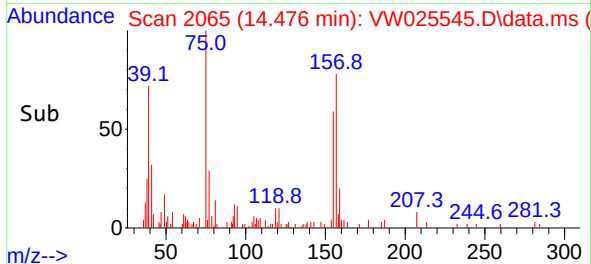
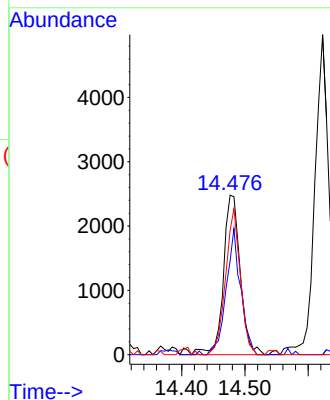
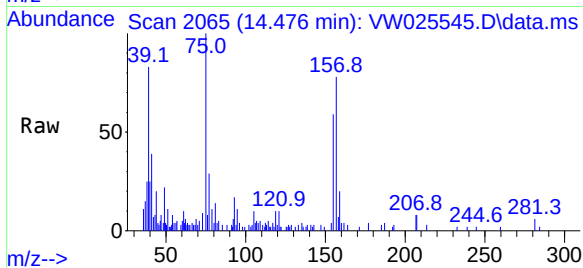
Tgt Ion: 75 Resp: 4659

Ion Ratio Lower Upper

75 100

155 58.9 61.1 91.7#

157 77.9 72.8 109.2



#69

1,3,5-Trichlorobenzene

Concen: 2.461 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Tgt Ion:180 Resp: 34992

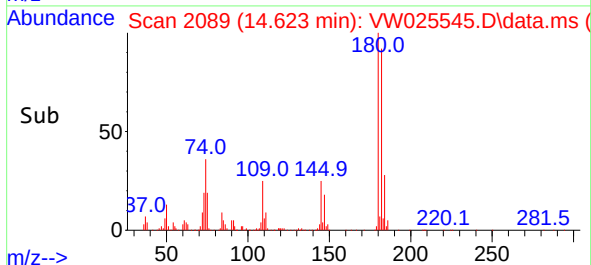
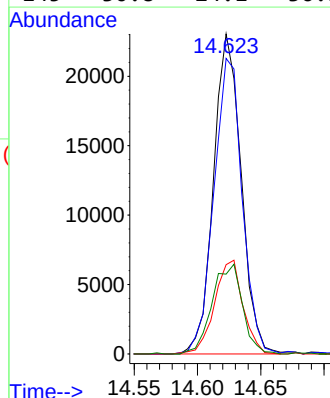
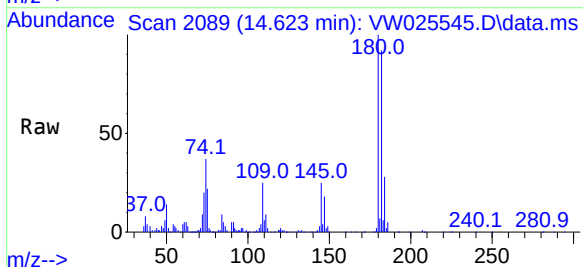
Ion Ratio Lower Upper

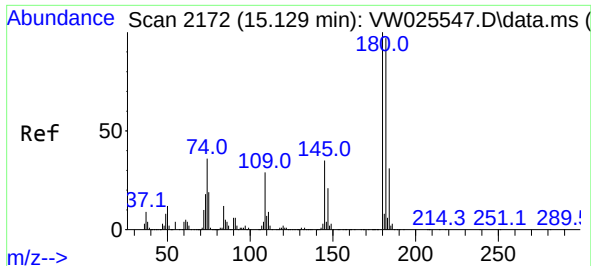
180 100

182 94.8 76.4 114.6

184 30.1 24.1 36.1

145 30.8 24.1 36.1





#70

1,2,4-trichlorobenzene

Concen: 2.466 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

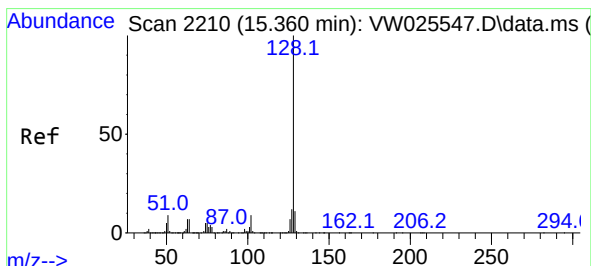
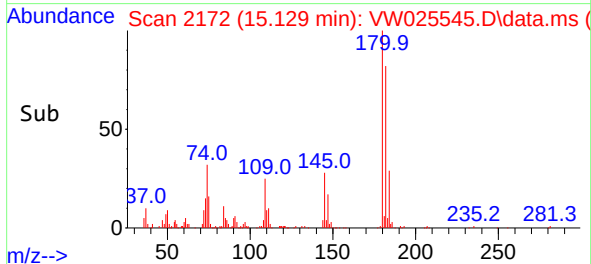
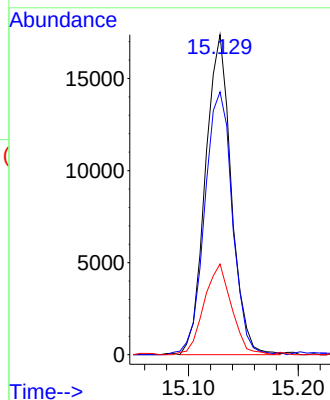
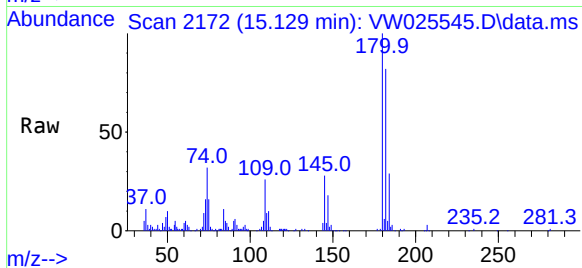
Tgt Ion:180 Resp: 28483

Ion Ratio Lower Upper

180 100

182 88.2 79.5 119.3

145 30.0 27.4 41.0



#71

Naphthalene

Concen: 2.188 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025545.D

Acq: 03 Apr 2023 09:18

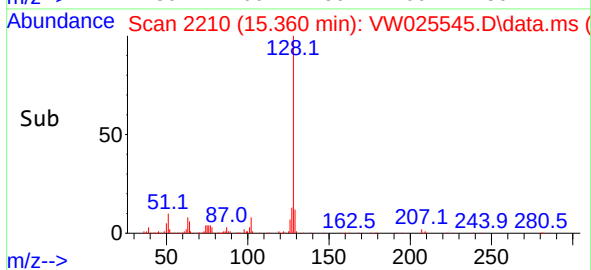
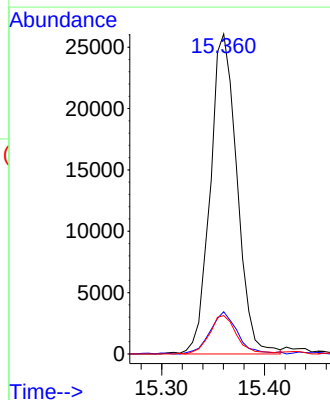
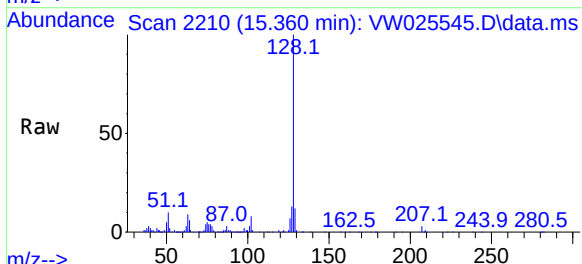
Tgt Ion:128 Resp: 47153

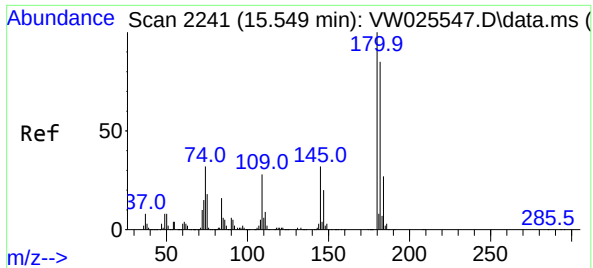
Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 12.2 8.7 13.1





1,2,3-Trichlorobenzene
 Concen: 2.432 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025545.D
 Acq: 03 Apr 2023 09:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

Tgt Ion:	180	Resp:	24557
Ion	Ratio	Lower	Upper
180	100		
182	93.9	72.9	109.3
145	33.4	27.0	40.6

