

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025549.D
 Acq On : 03 Apr 2023 10:54
 Operator : SY/MD
 Sample : VSTD100441
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100441

Quant Time: Apr 04 02:51:22 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	803264	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	717882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	339762	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	1189098	90.905	ug/L	0.00
7) Chloroethane-d5	2.893	69	861950	93.281	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	2511191	94.997	ug/L	0.00
21) 2-Butanone-d5	7.075	46	572026	195.437	ug/L	0.00
24) Chloroform-d	7.648	84	2128085	94.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1071014	91.279	ug/L	0.00
32) Benzene-d6	8.276	84	4369122	93.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1360431	93.863	ug/L	0.00
41) Toluene-d8	10.325	98	3937917	96.959	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	555672	102.259	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	423622	213.832	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	883373	90.301	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1114922	95.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	1155670	118.917	ug/L	99
3) Chloromethane	2.229	50	1429777	109.711	ug/L	100
5) Vinyl chloride	2.375	62	1442360	100.118	ug/L	97
6) Bromomethane	2.783	94	770788	99.459	ug/L	99
8) Chloroethane	2.930	64	804846	99.750	ug/L	100
9) Trichlorofluoromethane	3.265	101	1190191	107.236	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	1102702	99.007	ug/L	97
12) 1,1-Dichloroethene	4.045	96	1115669	100.374	ug/L	96
13) Acetone	4.119	43	440856	177.974	ug/L	99
14) Carbon disulfide	4.393	76	3891861	98.948	ug/L	100
15) Methyl Acetate	4.667	43	530099	95.604	ug/L	98
16) Methylene chloride	4.917	84	1120363	87.748	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	1183813	99.880	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1639842	100.264	ug/L	100
19) 1,1-Dichloroethane	6.216	63	2357639	99.560	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	1262525	102.378	ug/L #	99
22) 2-Butanone	7.167	43	694272	197.884	ug/L	99
23) Bromochloromethane	7.520	128	491663	97.219	ug/L	96
25) Chloroform	7.673	83	2130918	98.402	ug/L	96
27) 1,2-Dichloroethane	8.398	62	1385895	95.370	ug/L	98
29) Cyclohexane	7.959	56	2423957	104.322	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1749374	98.074	ug/L	99
31) Carbon tetrachloride	8.069	117	1593739	98.944	ug/L	100
33) Benzene	8.325	78	4836955	96.802	ug/L	100
34) Trichloroethene	9.087	95	1276987	98.252	ug/L	98
35) Methylcyclohexane	9.337	83	2364014	100.728	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1300421	98.544	ug/L	99
38) Bromodichloromethane	9.642	83	1515718	100.386	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	2021327	106.782	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1494022	200.016	ug/L	99
42) Toluene	10.386	91	5052769	99.306	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	1635445	104.774	ug/L	99

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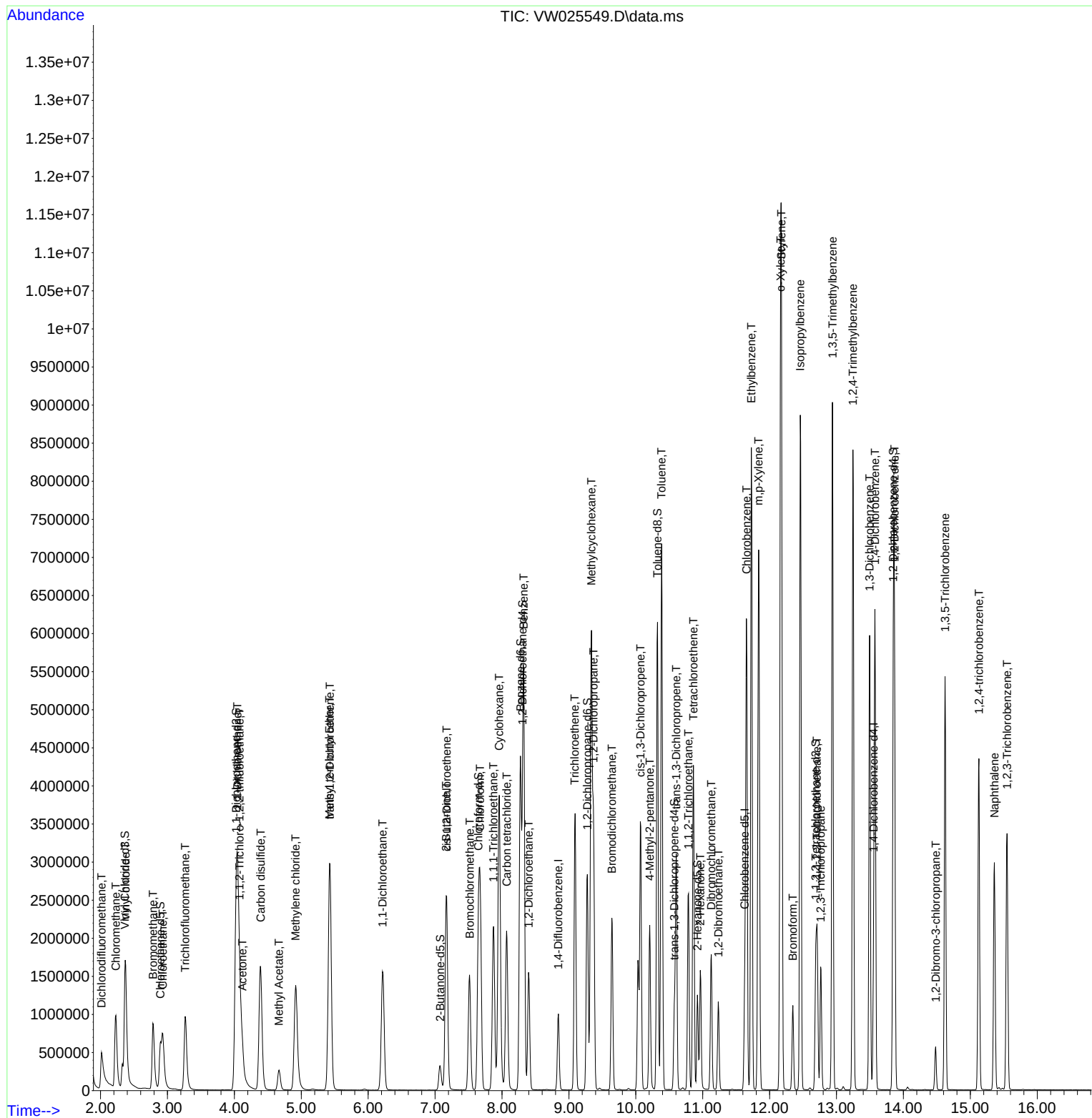
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	791081	94.014	ug/L	99
46) Tetrachloroethene	10.861	164	902812	98.765	ug/L	96
48) 2-Hexanone	10.965	43	1047840	203.033	ug/L	96
49) Dibromochloromethane	11.129	129	892758	100.770	ug/L	98
50) 1,2-Dibromoethane	11.233	107	754266	97.561	ug/L	97
51) Chlorobenzene	11.654	112	3067592	97.840	ug/L	96
52) Ethylbenzene	11.727	91	5797958	100.698	ug/L	98
53) m,p-Xylene	11.837	106	2160326	102.311	ug/L	96
54) o-Xylene	12.166	106	2061564	104.365	ug/L	91
55) Styrene	12.178	104	3387897	101.897	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	923028	91.581	ug/L	96
59) Bromoform	12.349	173	475131	102.052	ug/L	94
60) Isopropylbenzene	12.458	105	5548149	104.244	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	670748	95.253	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	4620682	109.979	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	4406765	108.928	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	2264860	102.689	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	2249844	99.884	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	1962777	101.511	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	148751	96.296	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	1506057	101.990	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1291637	107.677	ug/L	95
71) Naphthalene	15.360	128	2426175	108.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1077042	102.694	ug/L	97

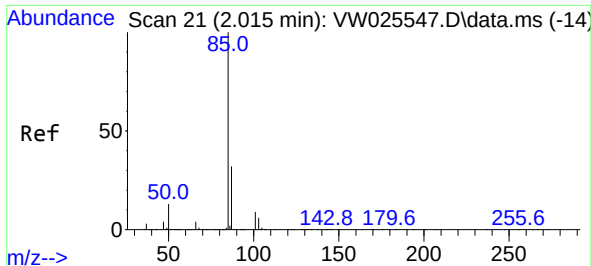
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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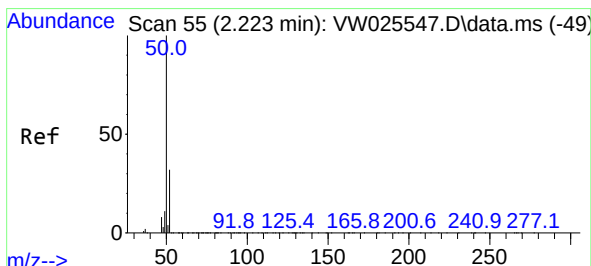
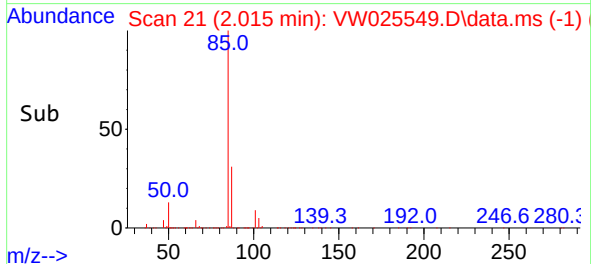
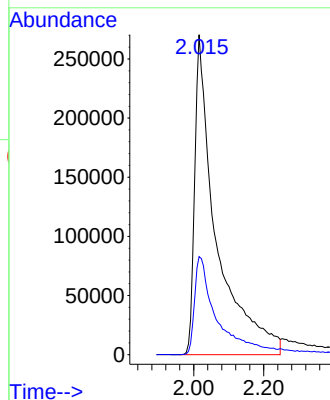
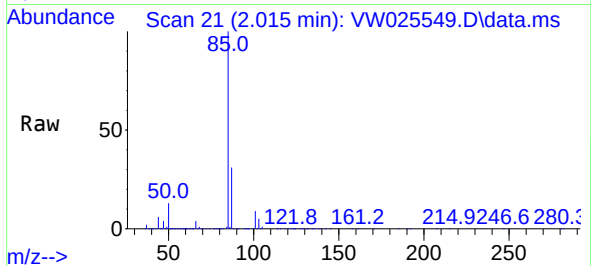




#2
 Dichlorodifluoromethane
 Concen: 118.917 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

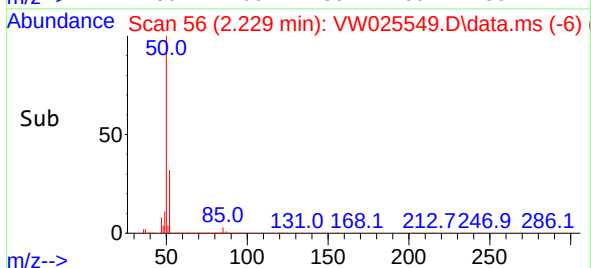
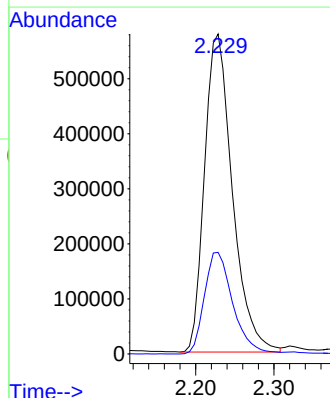
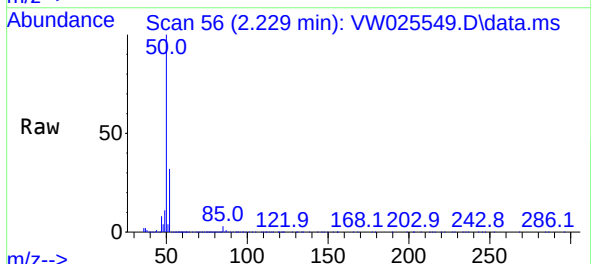
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100441

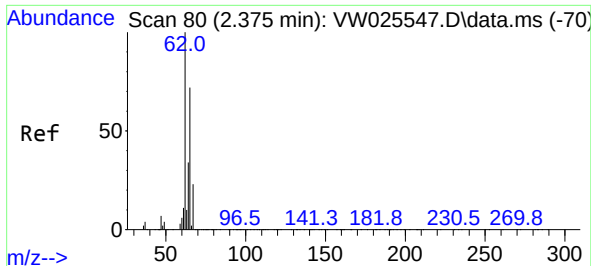
Tgt Ion: 85 Resp: 1155670
 Ion Ratio Lower Upper
 85 100
 87 31.6 24.6 37.0



#3
 Chloromethane
 Concen: 109.711 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

Tgt Ion: 50 Resp: 1429777
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.2 41.2

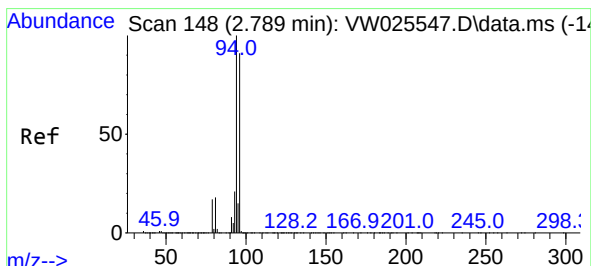
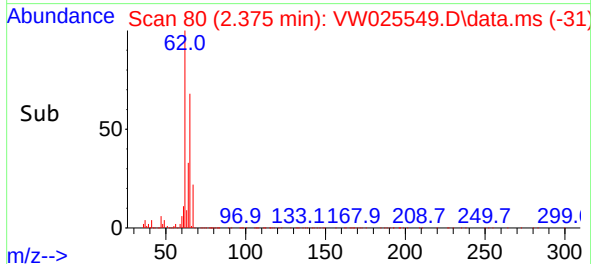
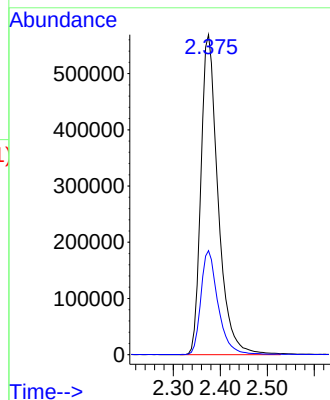
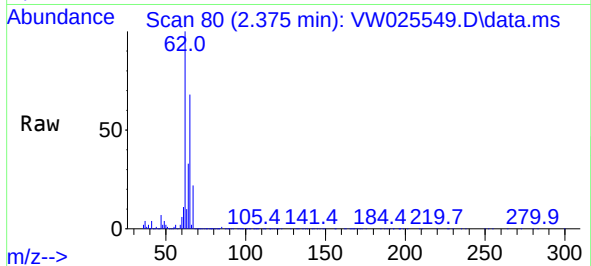




#5
 Vinyl chloride
 Concen: 100.118 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

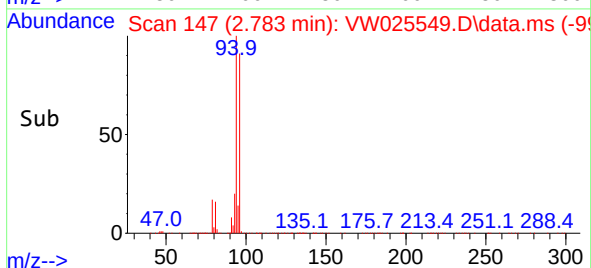
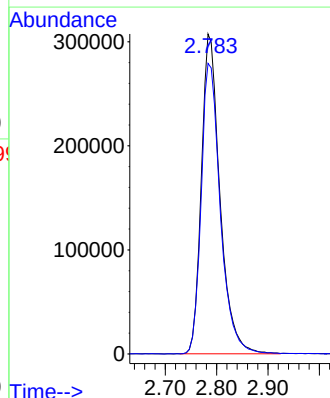
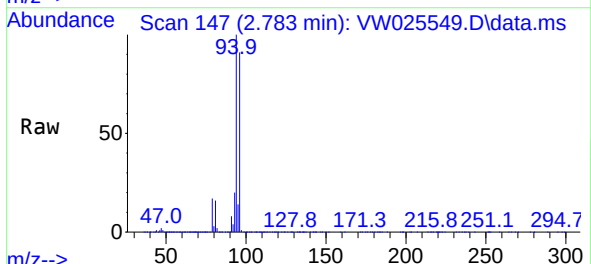
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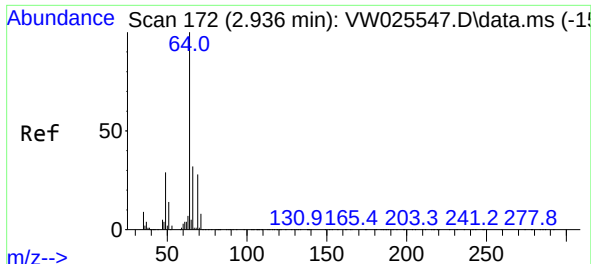
Tgt Ion: 62 Resp: 1442360
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.9 44.3



#6
 Bromomethane
 Concen: 99.459 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

Tgt Ion: 94 Resp: 770788
 Ion Ratio Lower Upper
 94 100
 96 90.8 64.0 118.8

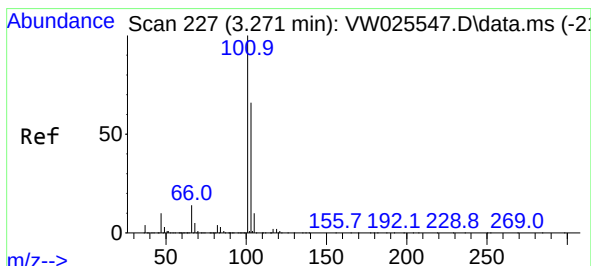
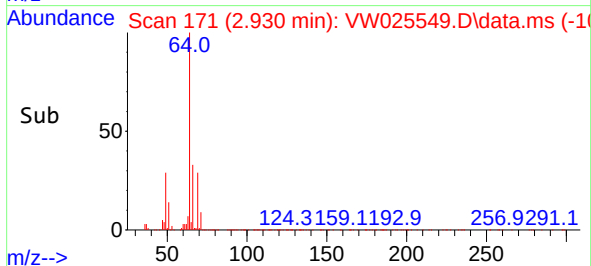
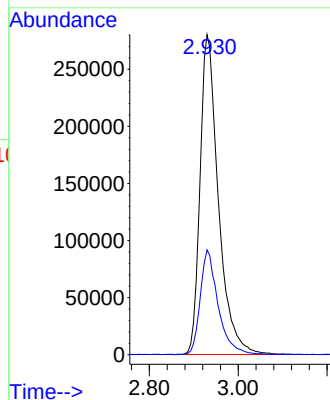
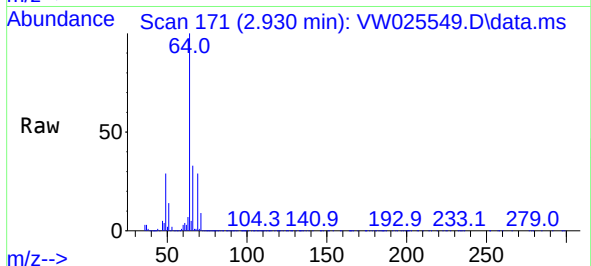




#8
Chloroethane
Concen: 99.750 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

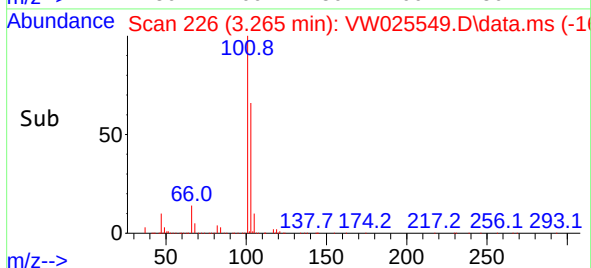
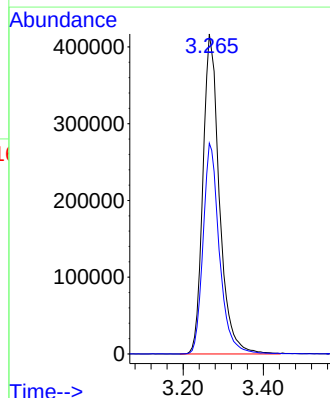
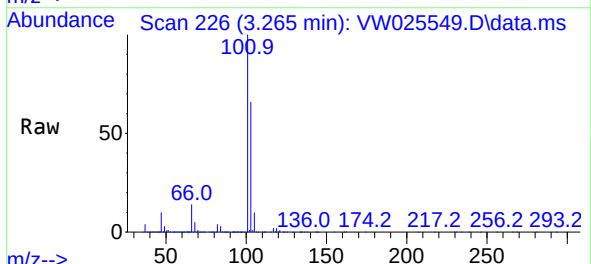
Instrument :
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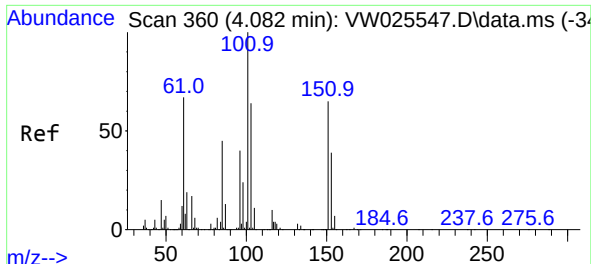
Tgt Ion: 64 Resp: 804846
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 107.236 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 101 Resp: 1190191
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

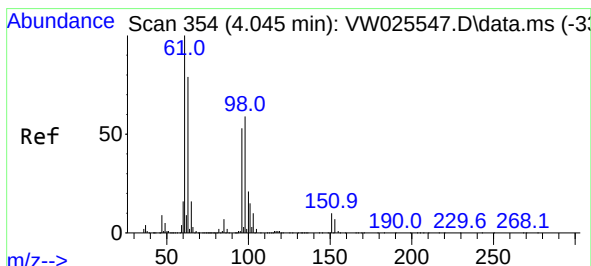
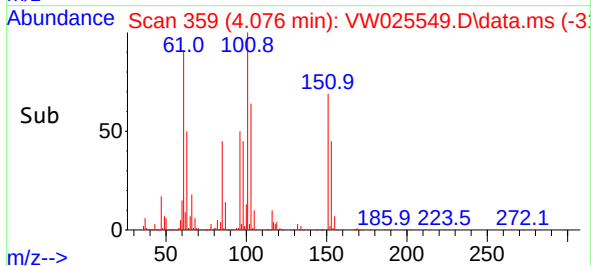
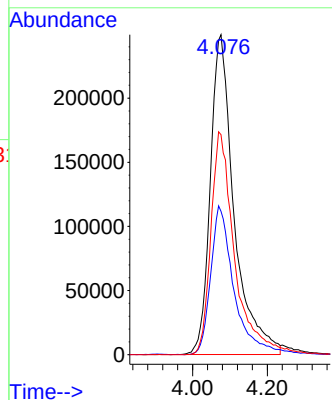
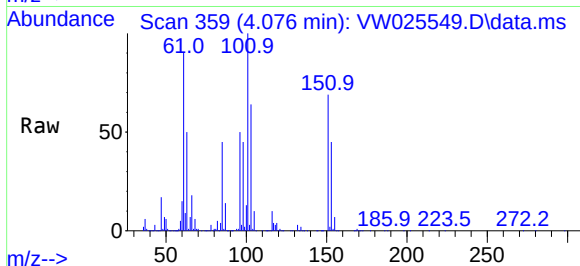




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 99.007 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

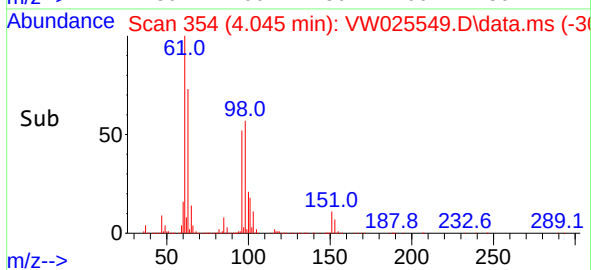
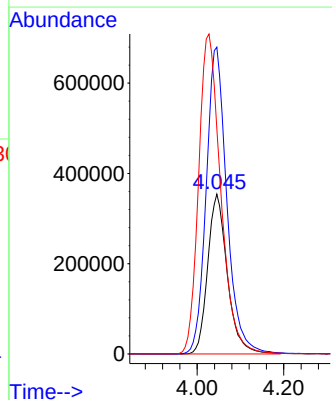
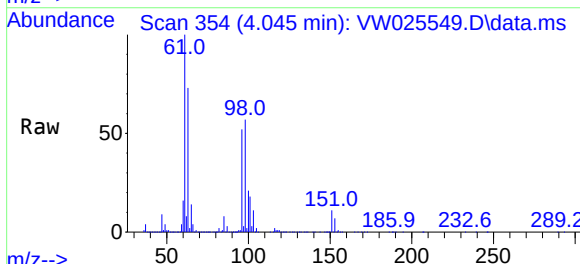
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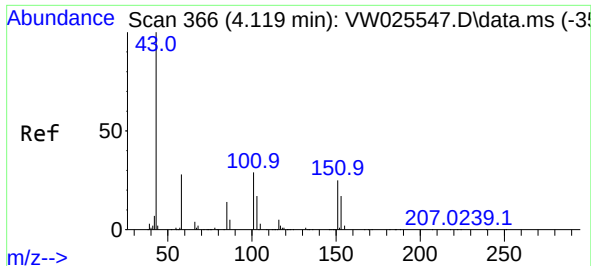
Tgt Ion:101 Resp: 1102702
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.5 51.7
 151 70.0 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 100.374 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025549.D
 Acq: 03 Apr 2023 10:54

Tgt Ion: 96 Resp: 1115669
 Ion Ratio Lower Upper
 96 100
 61 192.0 132.7 246.4
 63 140.9 105.0 195.0

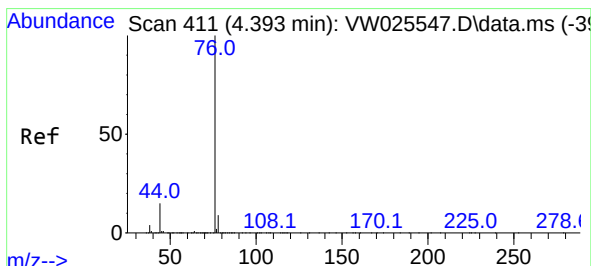
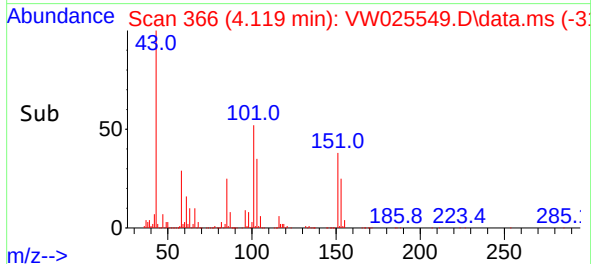
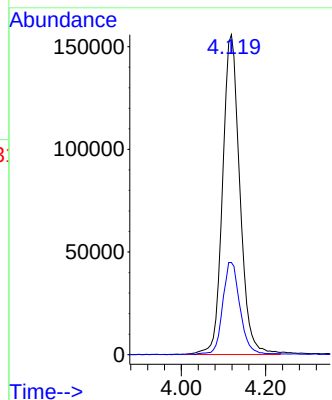
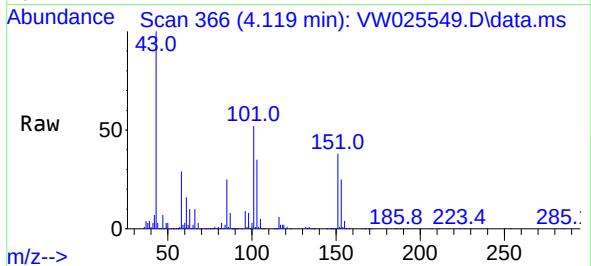




#13
Acetone
Concen: 177.974 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
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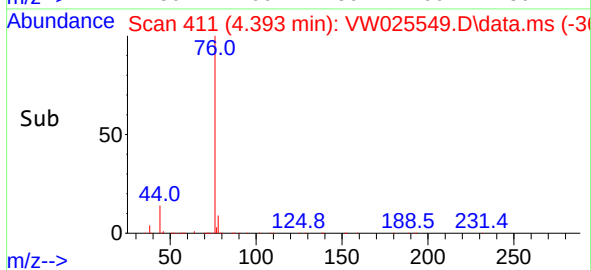
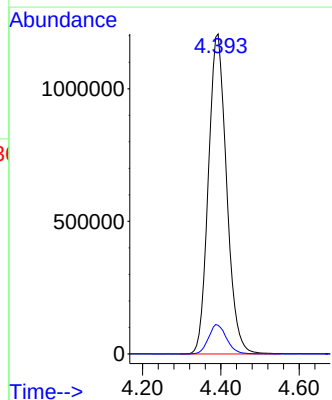
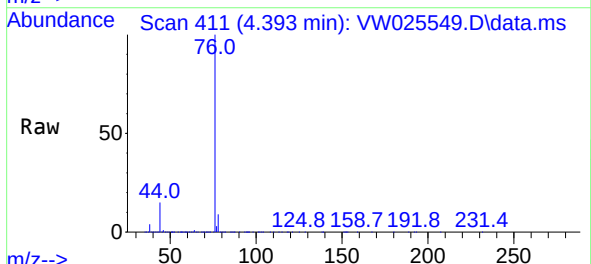
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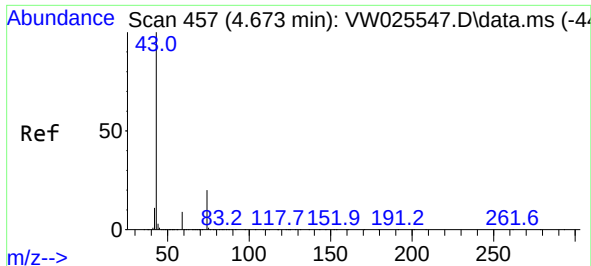
Tgt Ion: 43 Resp: 440856
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.4



#14
Carbon disulfide
Concen: 98.948 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 3891861
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

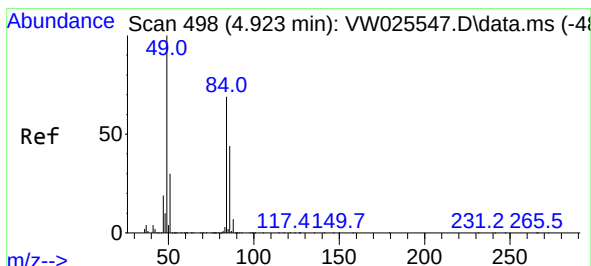
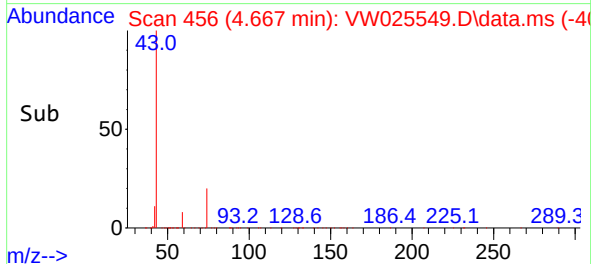
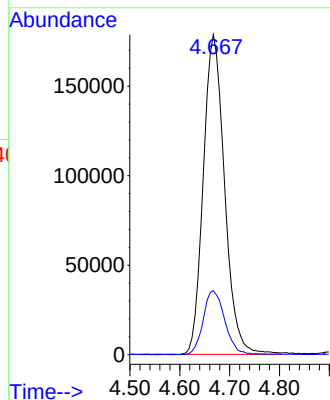
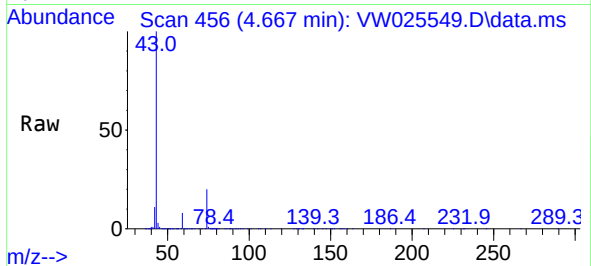




#15
Methyl Acetate
Concen: 95.604 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

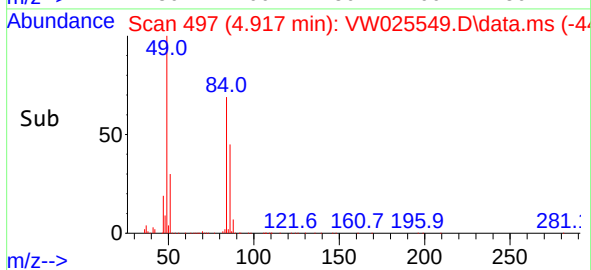
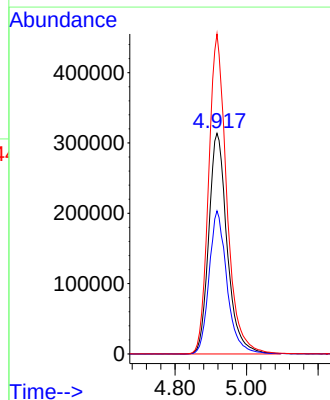
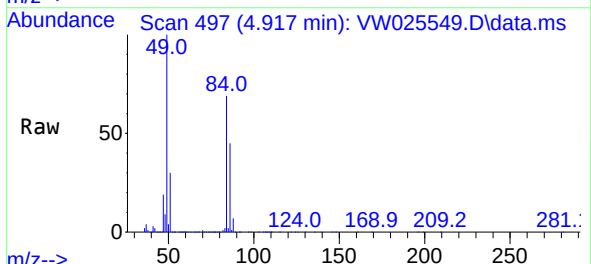
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

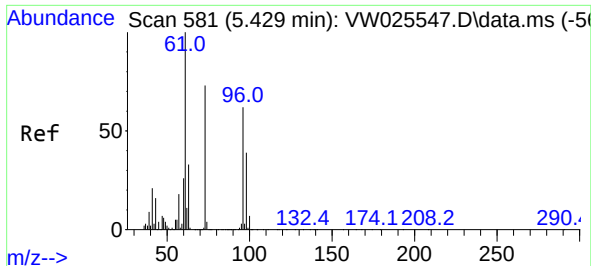
Tgt Ion: 43 Resp: 530099
Ion Ratio Lower Upper
43 100
74 20.0 17.0 25.4



#16
Methylene chloride
Concen: 87.748 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 84 Resp: 1120363
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.3
49 145.0 101.4 188.4

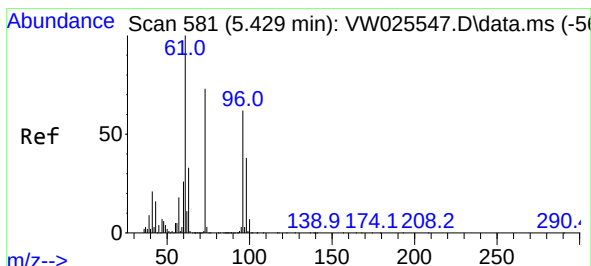
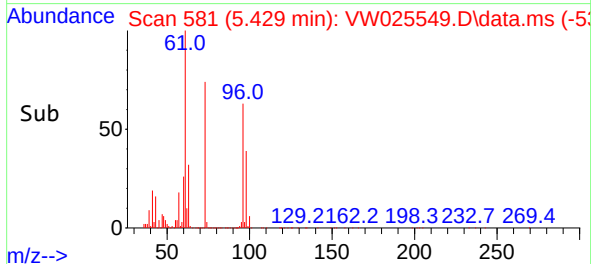
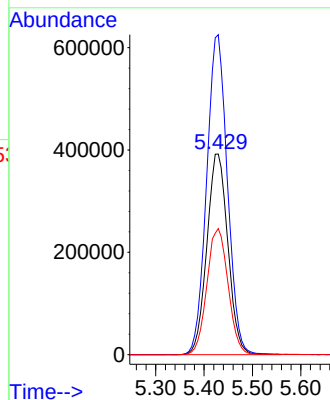
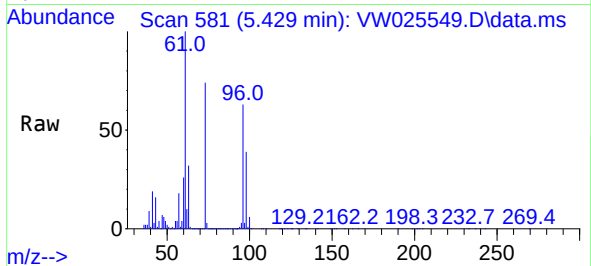




#17
trans-1,2-Dichloroethene
Concen: 99.880 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

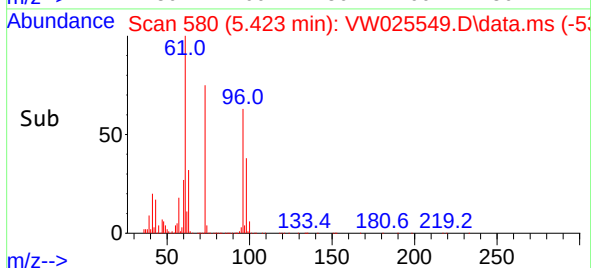
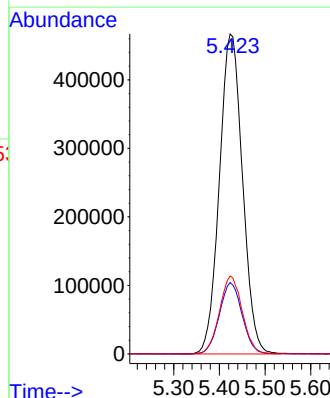
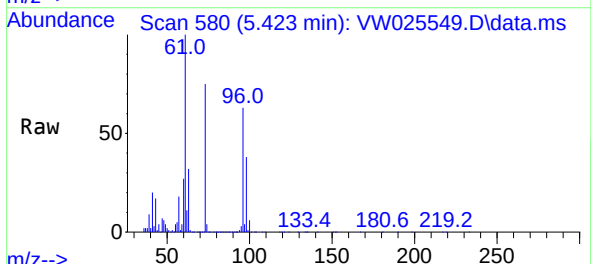
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

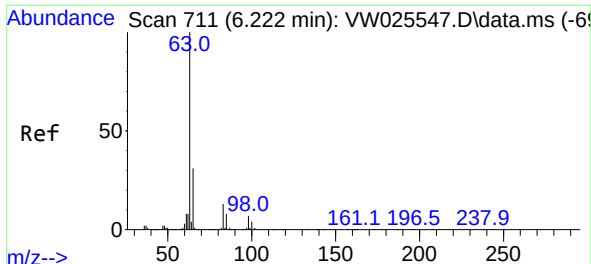
Tgt Ion: 96 Resp: 1183813
Ion Ratio Lower Upper
96 100
61 159.5 113.3 210.3
98 62.8 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 100.264 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 73 Resp: 1639842
Ion Ratio Lower Upper
73 100
43 21.9 17.8 26.6
57 23.9 19.0 28.6





#19

1,1-Dichloroethane

Concen: 99.560 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

Instrument :

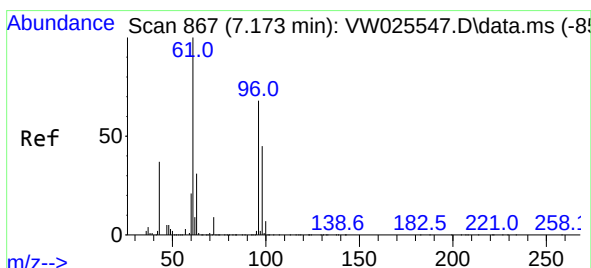
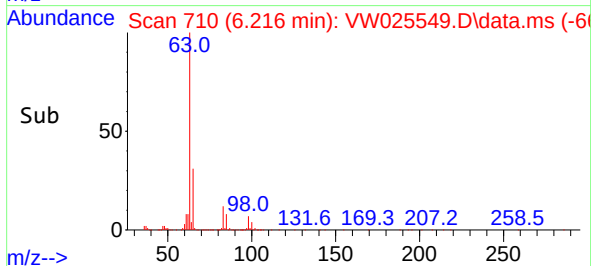
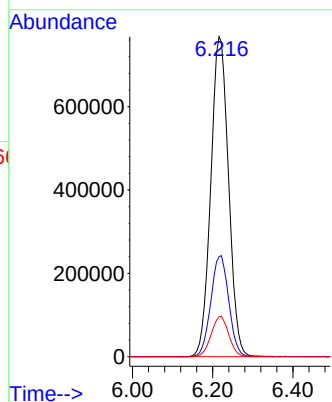
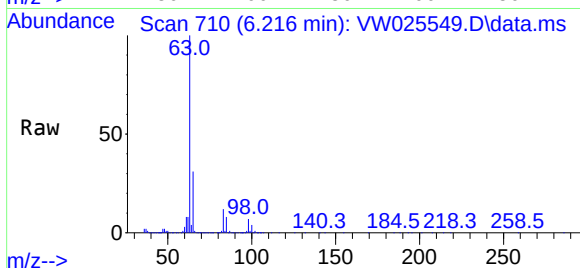
MSVOA_W

ClientSampleId :

VSTD100441

Tgt Ion: 63 Resp: 2357639

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	12.5	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 102.378 ug/L

RT: 7.173 min Scan# 867

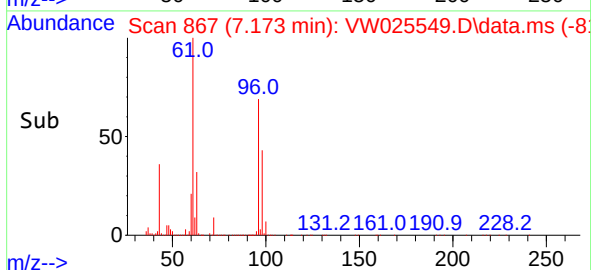
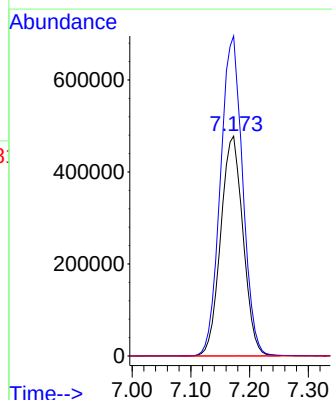
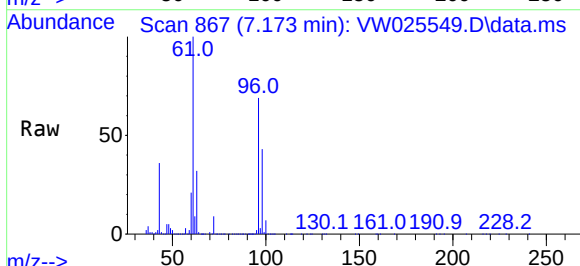
Delta R.T. -0.000 min

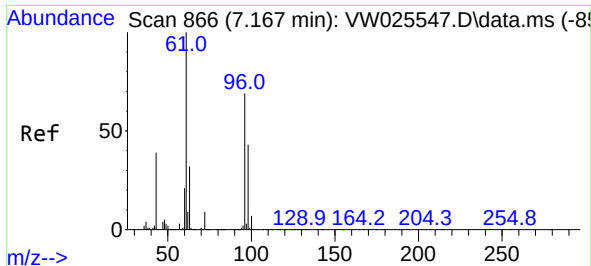
Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

Tgt Ion: 96 Resp: 1262525

Ion	Ratio	Lower	Upper
96	100		
61	145.6	102.6	190.6
68	0.0	0.1	0.1

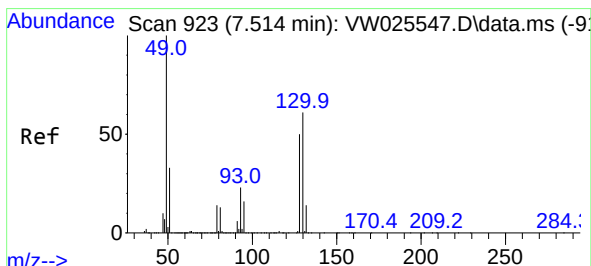
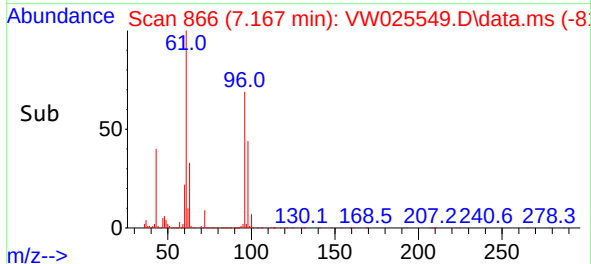
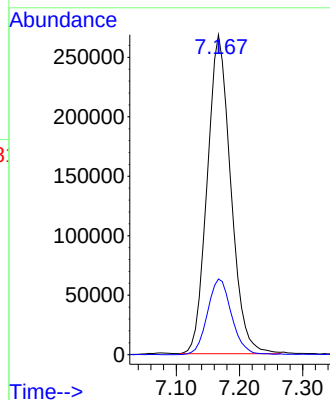
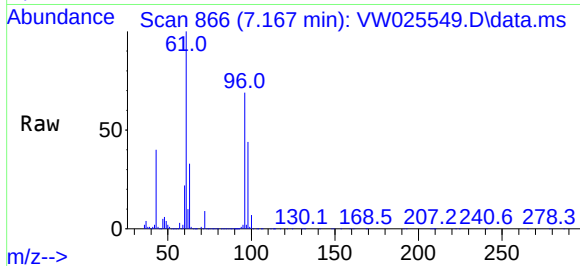




#22
2-Butanone
Concen: 197.884 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

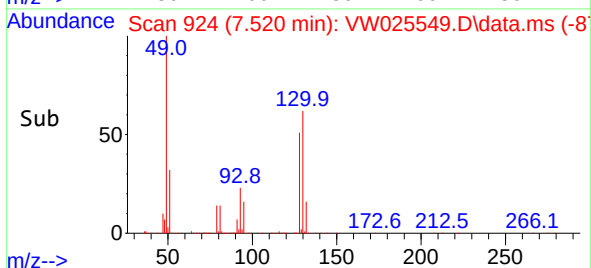
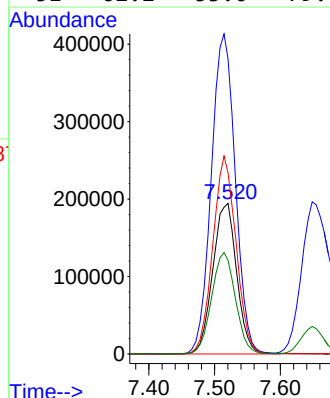
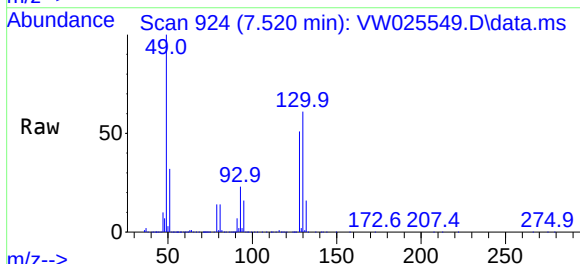
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

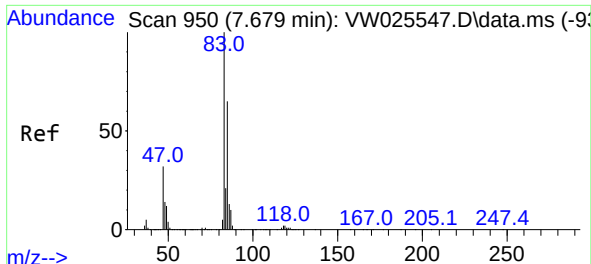
Tgt Ion: 43 Resp: 694272
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.0



#23
Bromochloromethane
Concen: 97.219 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 128 Resp: 491663
Ion Ratio Lower Upper
128 100
49 195.8 141.7 263.3
130 120.2 86.7 160.9
51 62.2 53.0 79.6

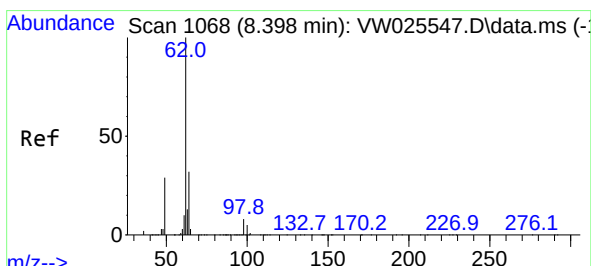
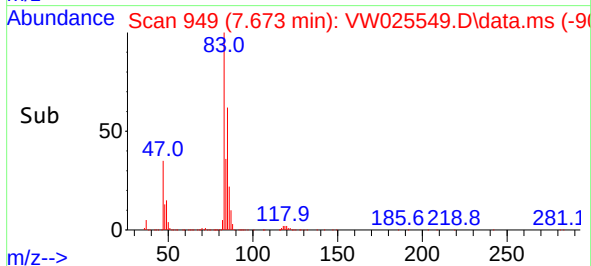
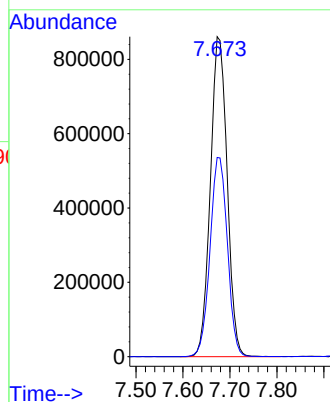
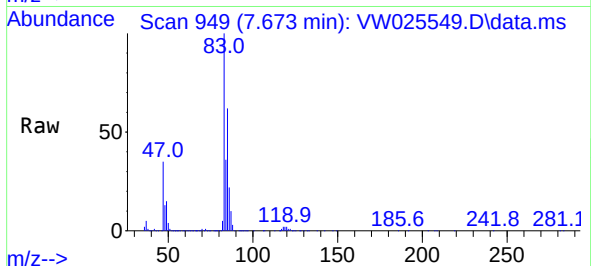




#25
Chloroform
Concen: 98.402 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

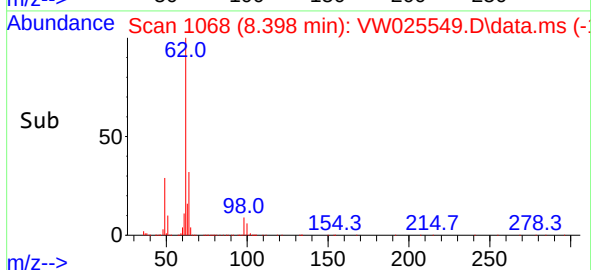
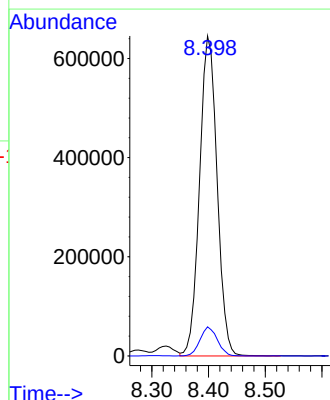
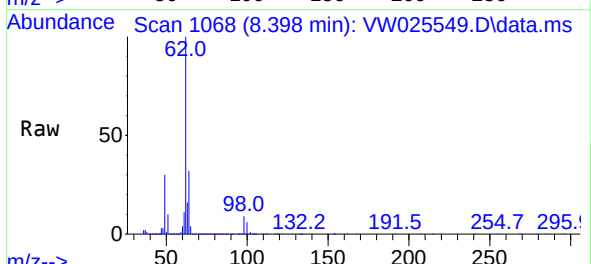
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

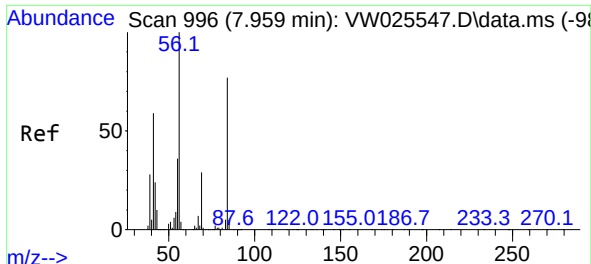
Tgt Ion: 83 Resp: 2130918
Ion Ratio Lower Upper
83 100
85 62.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 95.370 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 62 Resp: 1385895
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0



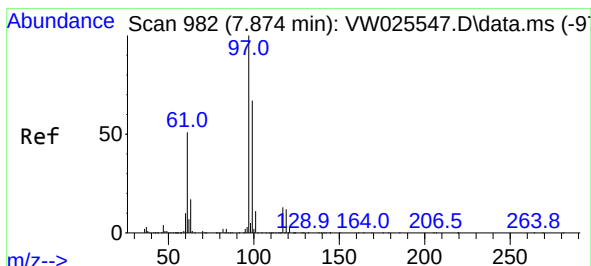
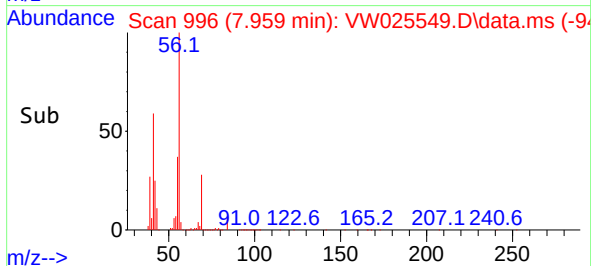
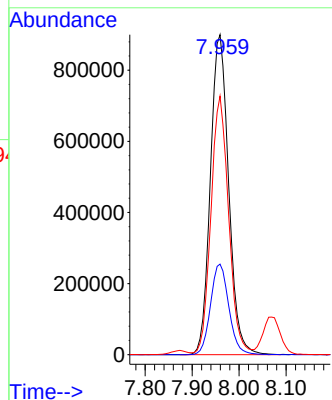
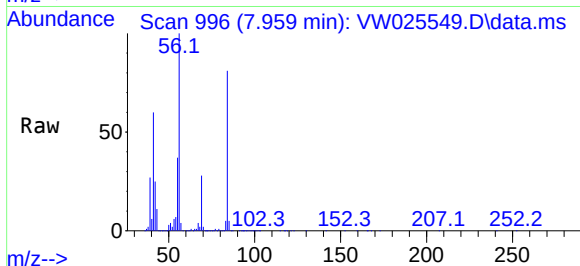


#29
Cyclohexane
Concen: 104.322 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

Tgt Ion: 56 Resp: 2423957

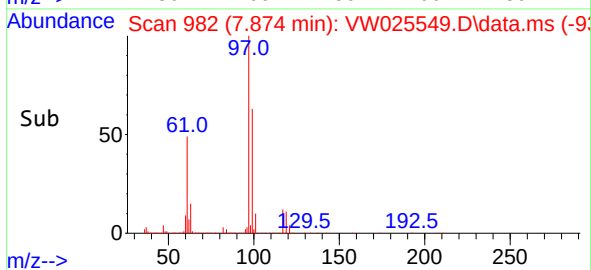
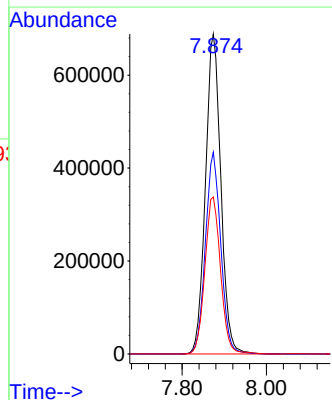
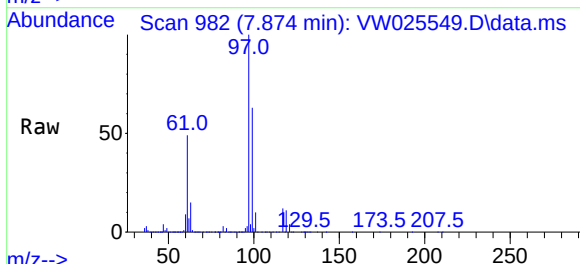
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.7	34.1
84	78.7	62.5	93.7

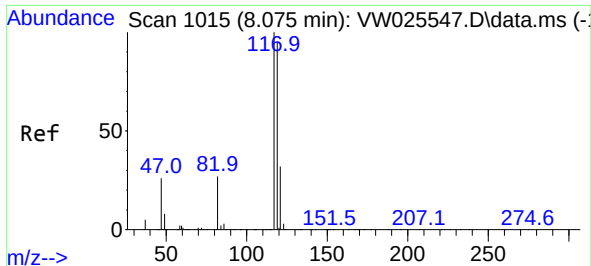


#30
1,1,1-Trichloroethane
Concen: 98.074 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 97 Resp: 1749374

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	50.2	40.5	60.7

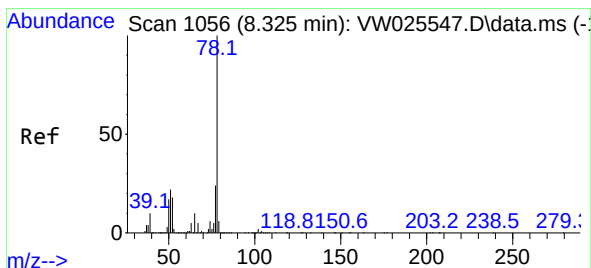
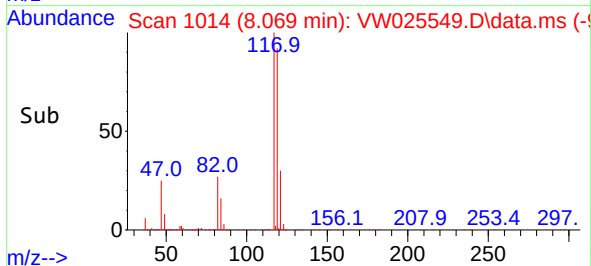
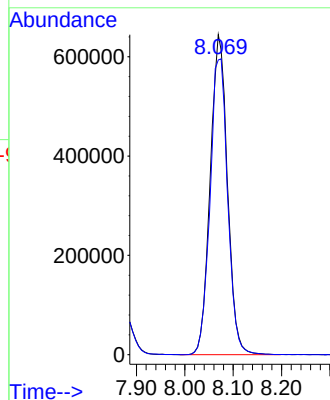
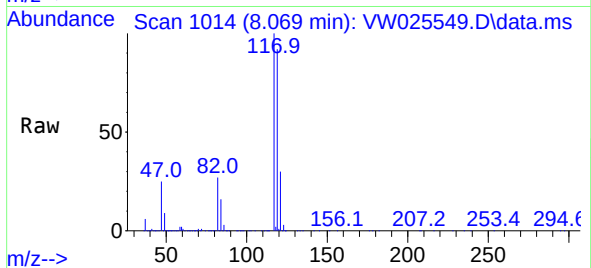




#31
Carbon tetrachloride
Concen: 98.944 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

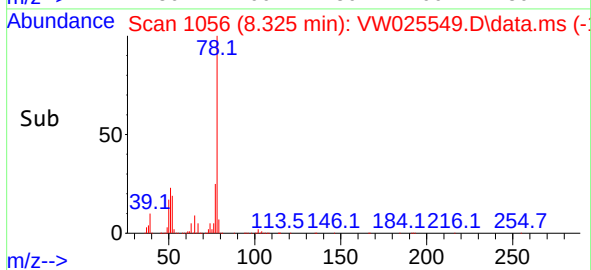
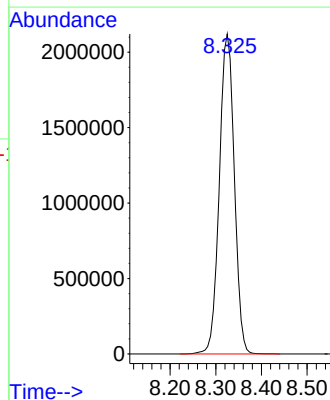
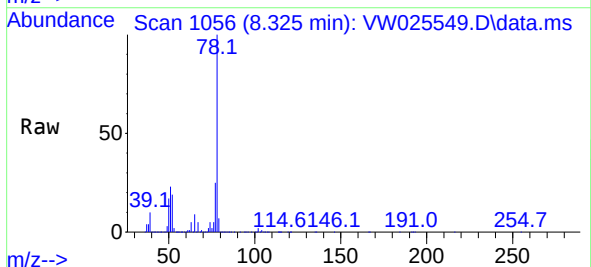
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

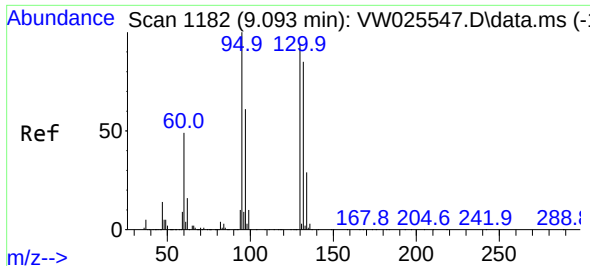
Tgt Ion:117 Resp: 1593739
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 96.802 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

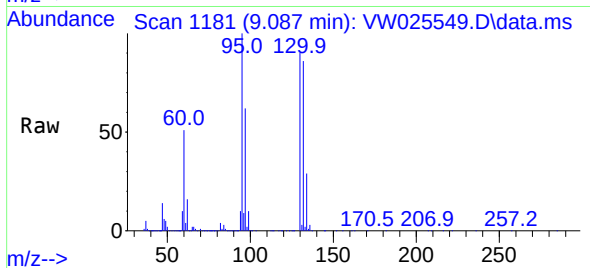
Tgt Ion: 78 Resp: 4836955





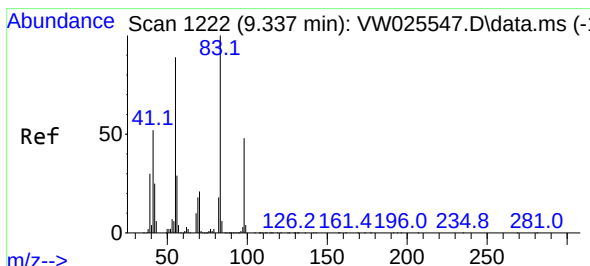
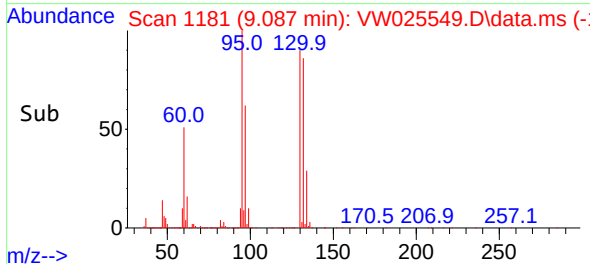
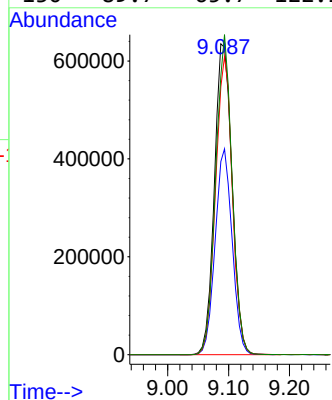
#34
Trichloroethene
Concen: 98.252 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100441



Tgt Ion: 95 Resp: 1276987

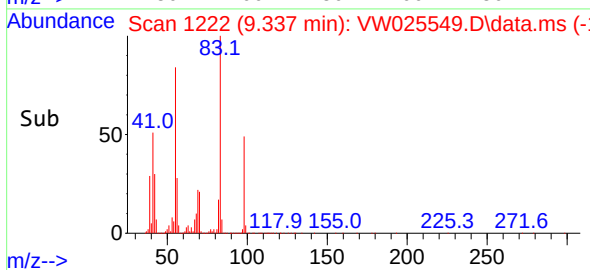
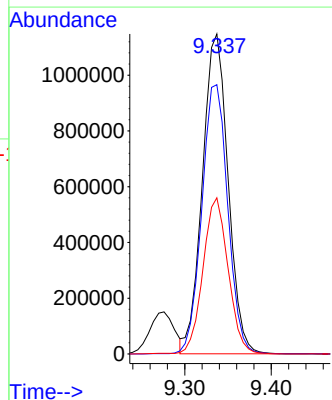
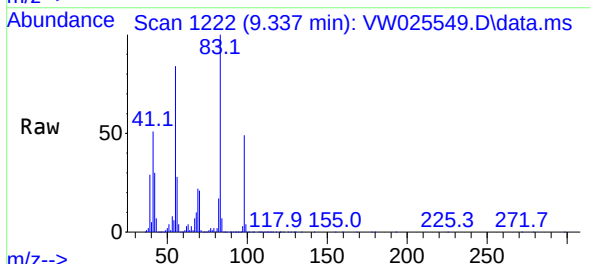
Ion	Ratio	Lower	Upper
95	100		
97	62.1	42.5	78.9
132	86.2	59.8	111.1
130	89.7	65.7	122.1

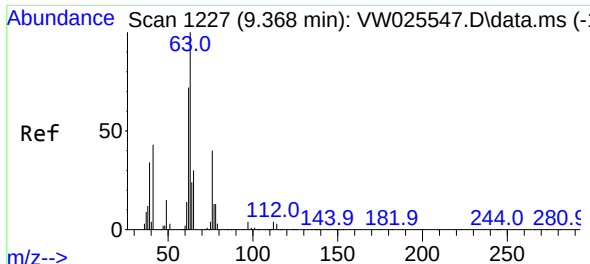


#35
Methylcyclohexane
Concen: 100.728 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 83 Resp: 2364014

Ion	Ratio	Lower	Upper
83	100		
55	85.3	68.7	103.1
98	47.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 98.544 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

Instrument :

MSVOA_W

ClientSampleId :

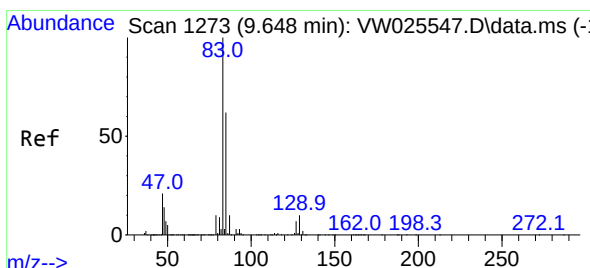
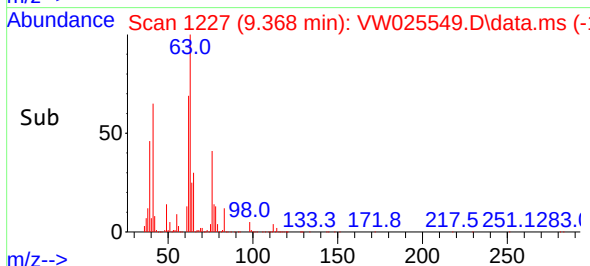
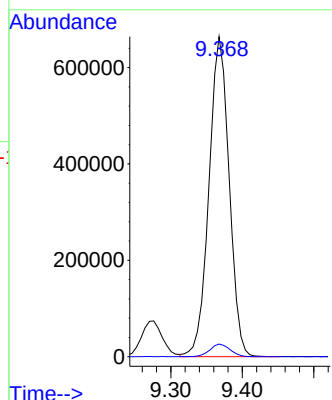
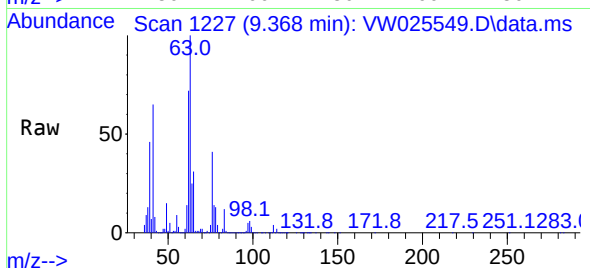
VSTD100441

Tgt Ion: 63 Resp: 1300421

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 100.386 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

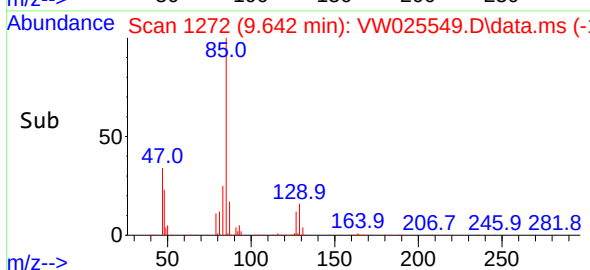
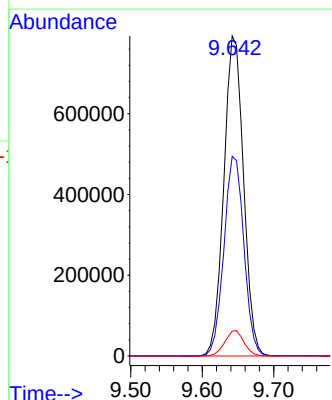
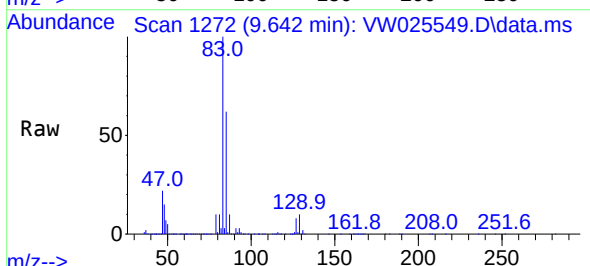
Tgt Ion: 83 Resp: 1515718

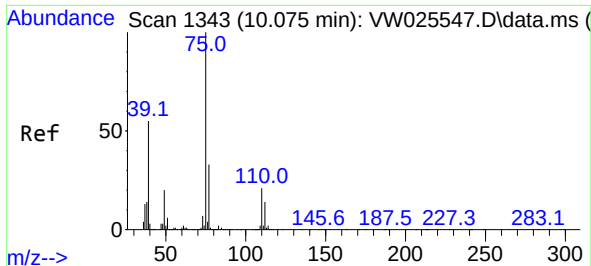
Ion Ratio Lower Upper

83 100

85 62.4 43.5 80.7

127 7.8 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 106.782 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

Instrument :

MSVOA_W

ClientSampleId :

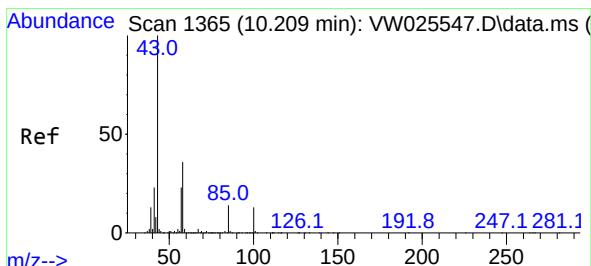
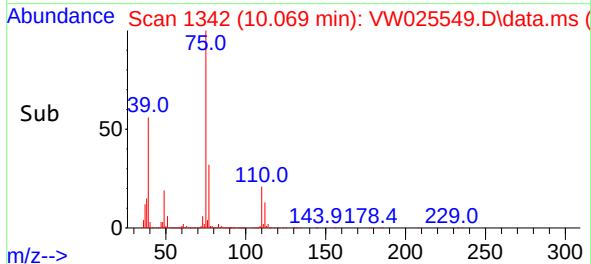
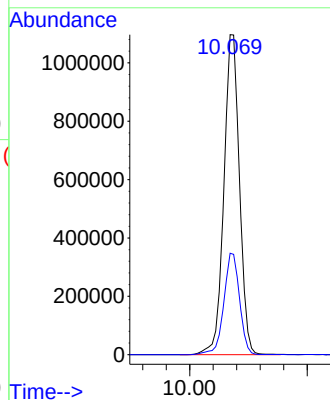
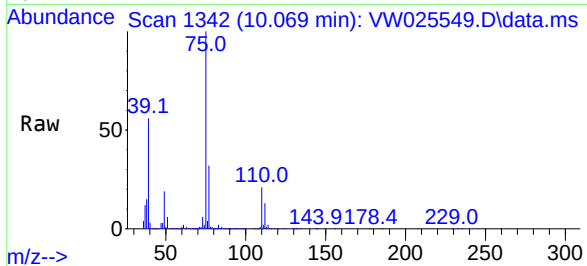
VSTD100441

Tgt Ion: 75 Resp: 2021327

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 200.016 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

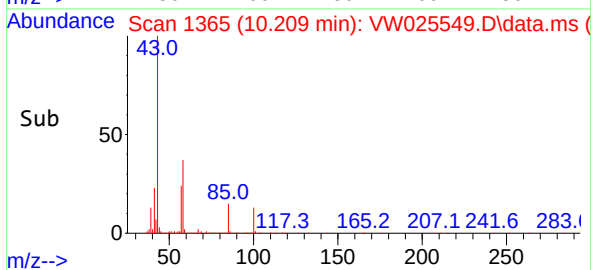
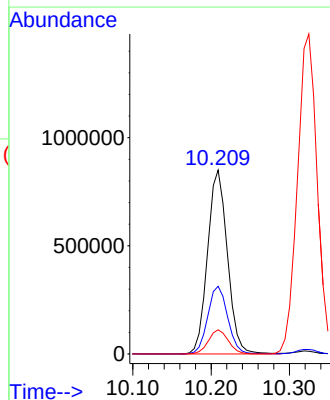
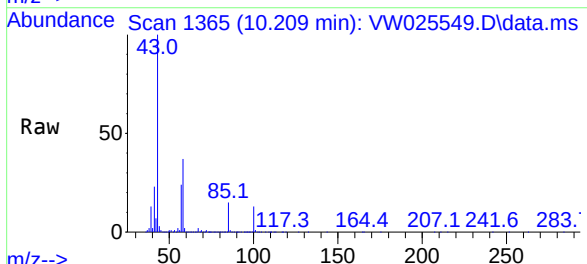
Tgt Ion: 43 Resp: 1494022

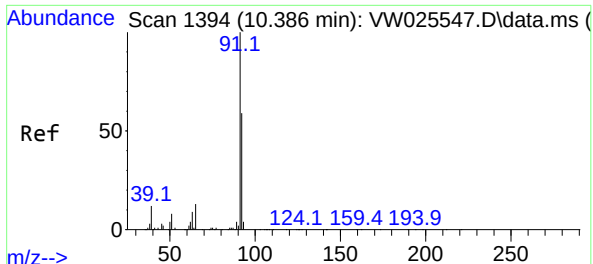
Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8

100 13.2 10.2 15.4

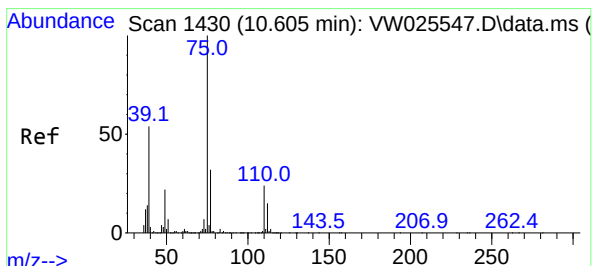
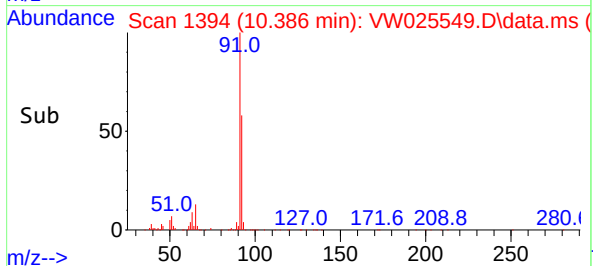
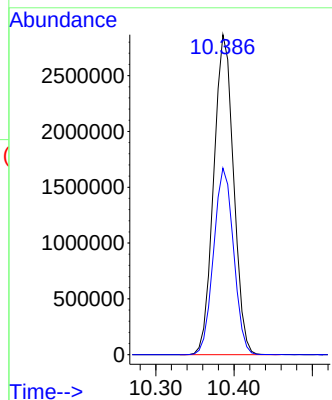
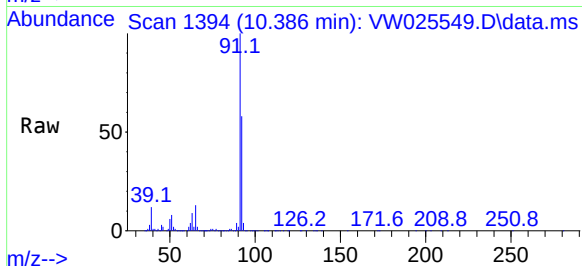




#42
Toluene
Concen: 99.306 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

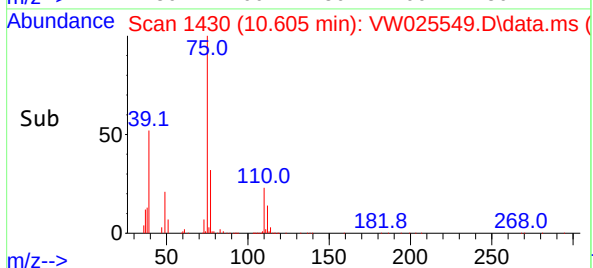
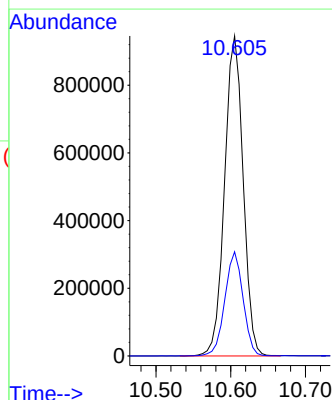
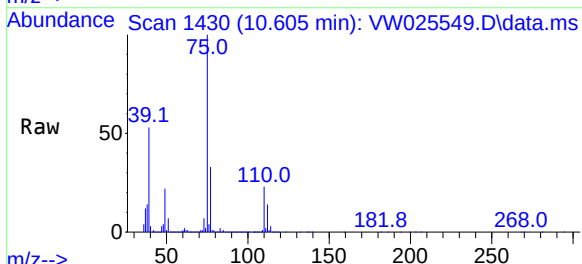
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

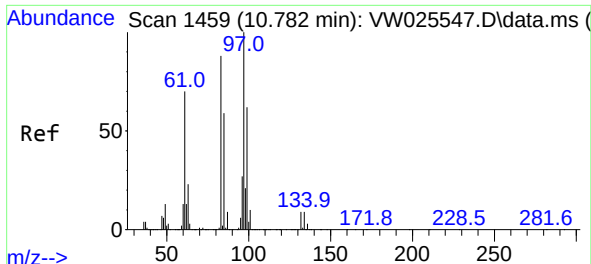
Tgt Ion: 91 Resp: 5052769
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 104.774 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 75 Resp: 1635445
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.9



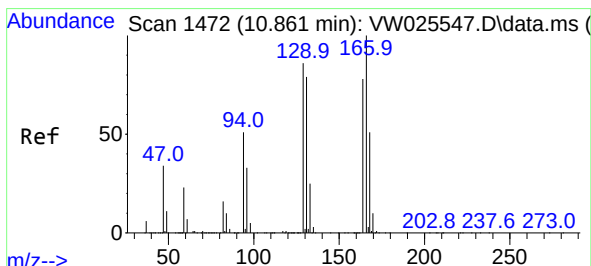
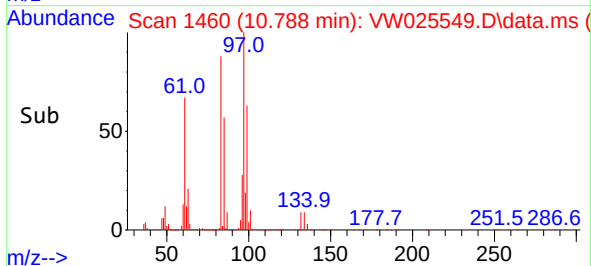
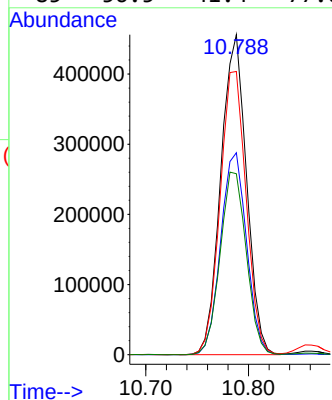
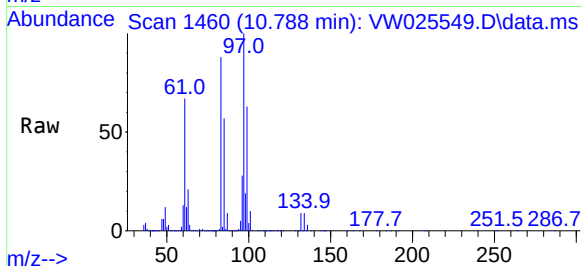


#45
1,1,2-Trichloroethane
Concen: 94.014 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

Tgt Ion: 97 Resp: 791081

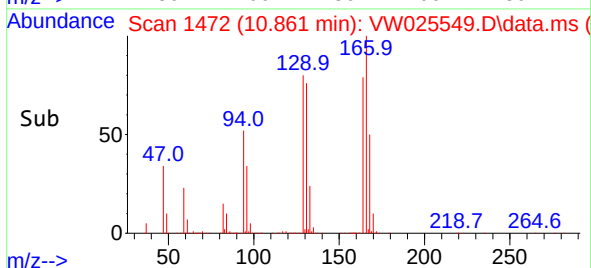
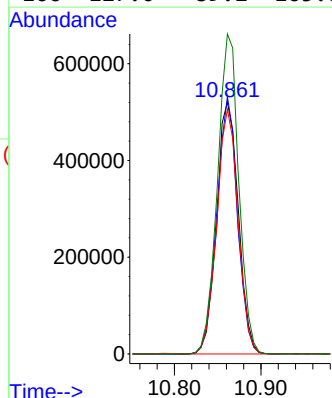
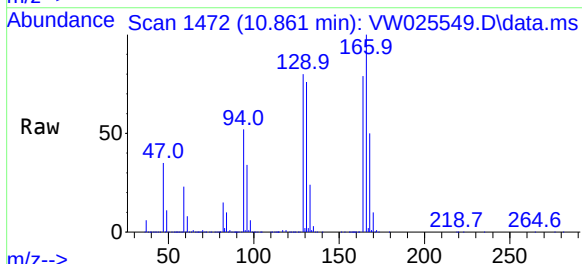
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	88.5	61.8	114.8
85	56.5	41.4	77.0

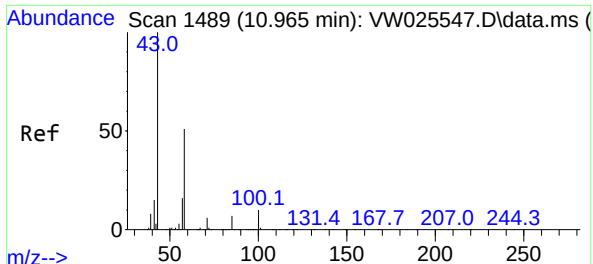


#46
Tetrachloroethene
Concen: 98.765 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 164 Resp: 902812

Ion	Ratio	Lower	Upper
164	100		
129	102.1	76.9	142.9
131	97.0	70.5	130.9
166	127.0	89.2	165.8

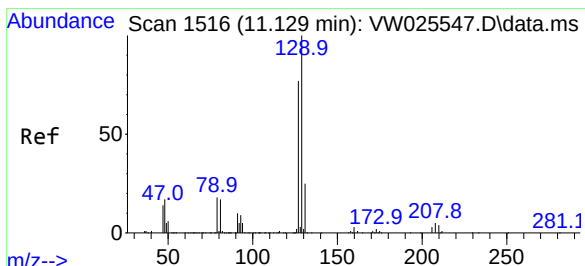
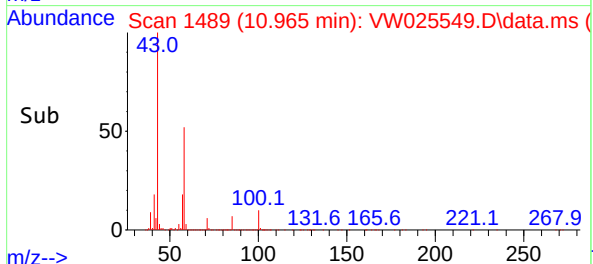
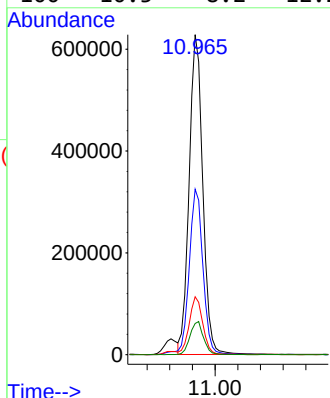
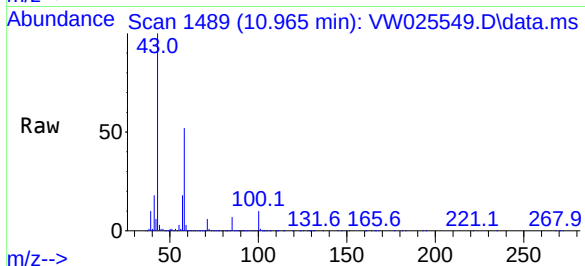




#48
2-Hexanone
Concen: 203.033 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

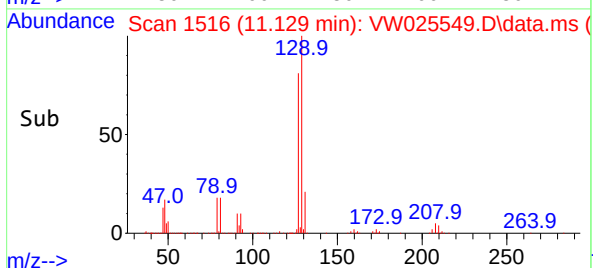
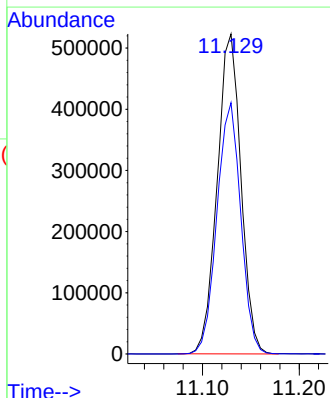
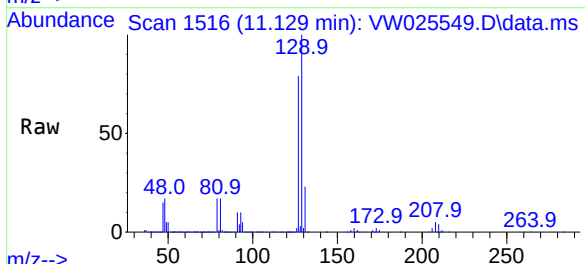
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

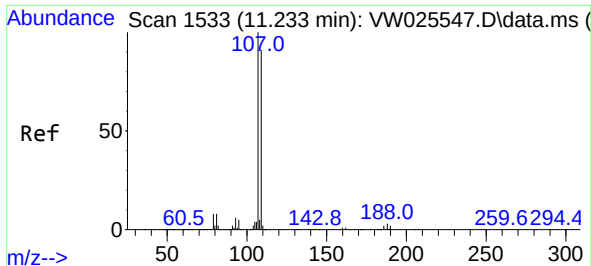
Tgt Ion: 43 Resp: 1047840
Ion Ratio Lower Upper
43 100
58 51.8 38.6 57.8
57 18.0 13.9 20.9
100 10.3 8.2 12.2



#49
Dibromochloromethane
Concen: 100.770 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:129 Resp: 892758
Ion Ratio Lower Upper
129 100
127 78.5 54.0 100.2

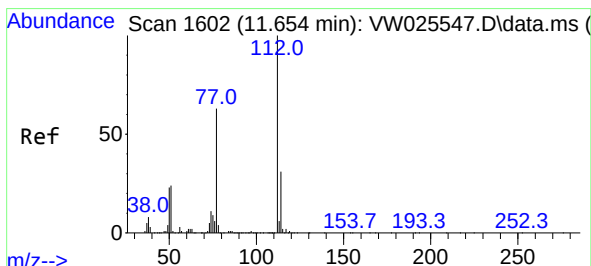
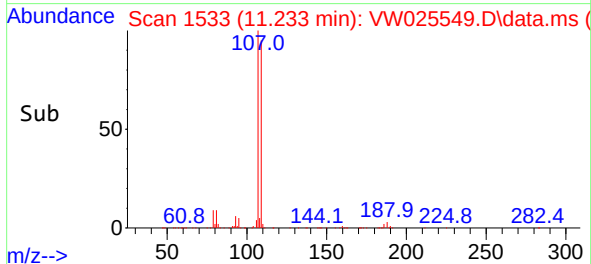
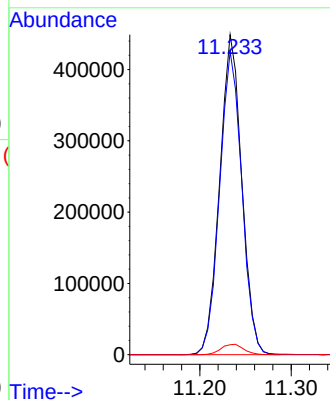
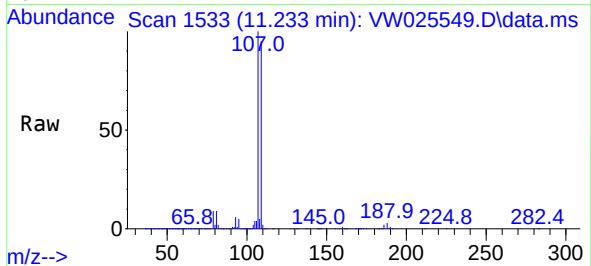




#50
1,2-Dibromoethane
Concen: 97.561 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

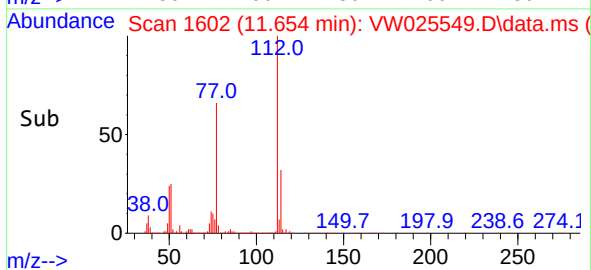
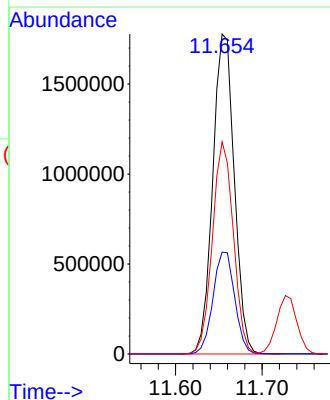
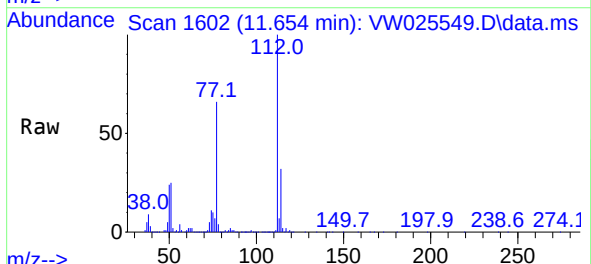
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

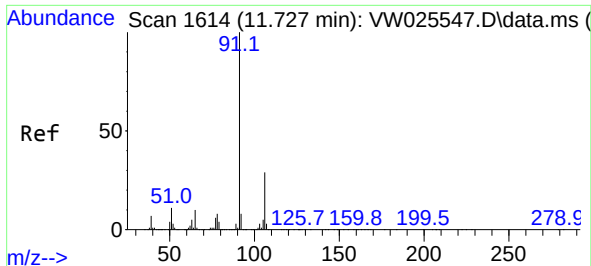
Tgt Ion:107 Resp: 754266
Ion Ratio Lower Upper
107 100
109 94.8 64.1 119.1
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 97.840 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:112 Resp: 3067592
Ion Ratio Lower Upper
112 100
114 31.9 21.6 40.2
77 66.3 50.2 75.2

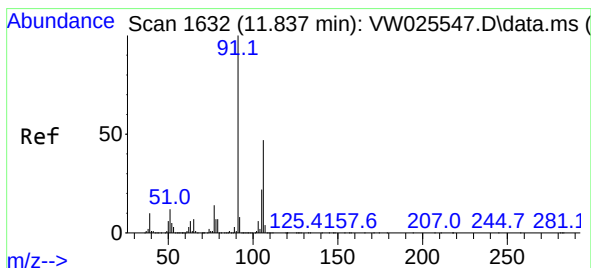
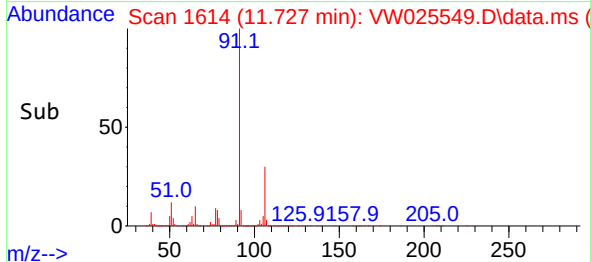
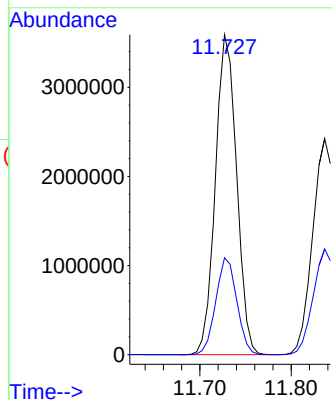
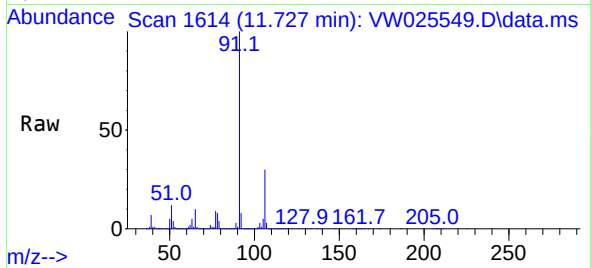




#52
Ethylbenzene
Concen: 100.698 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

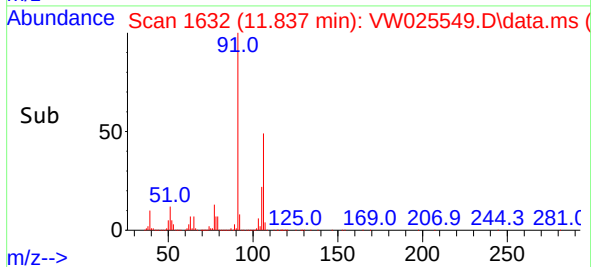
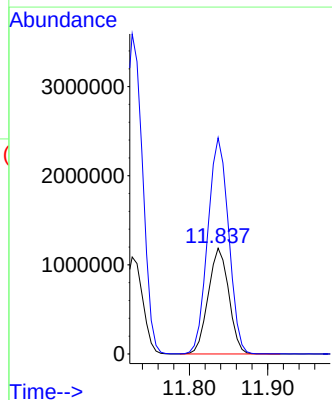
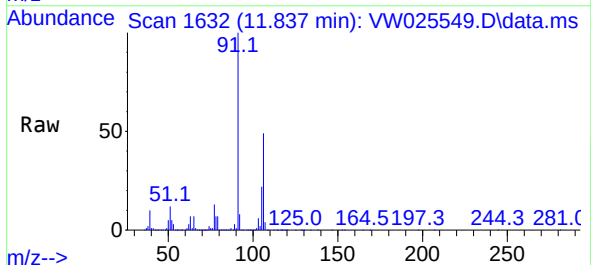
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

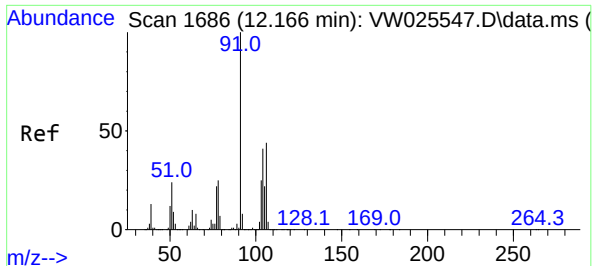
Tgt Ion: 91 Resp: 5797958
Ion Ratio Lower Upper
91 100
106 30.3 20.3 37.7



#53
m,p-Xylene
Concen: 102.311 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:106 Resp: 2160326
Ion Ratio Lower Upper
106 100
91 204.4 148.0 274.8

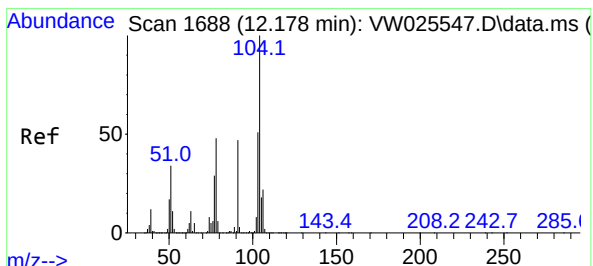
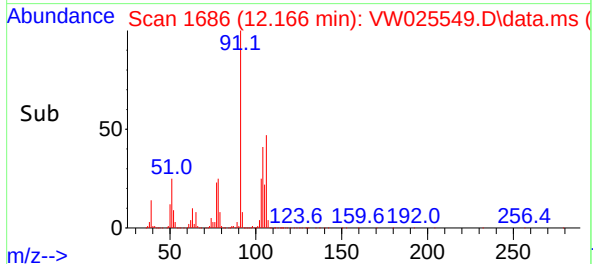
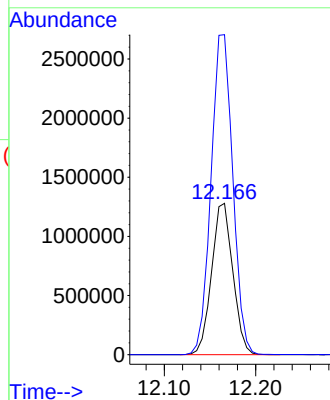
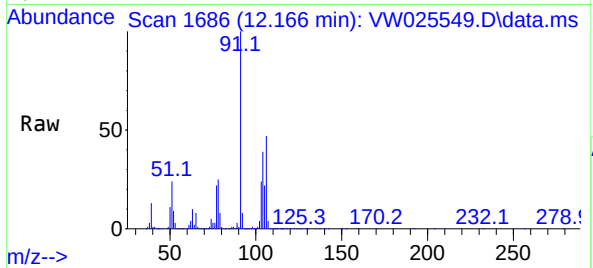




#54
o-Xylene
Concen: 104.365 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

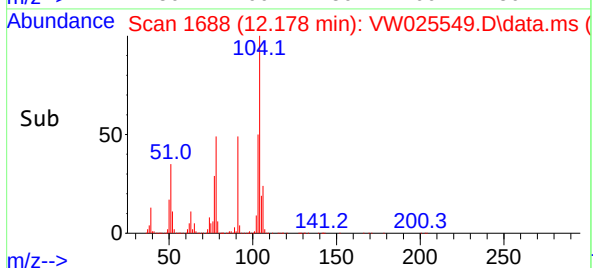
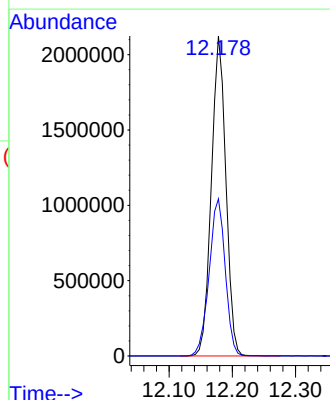
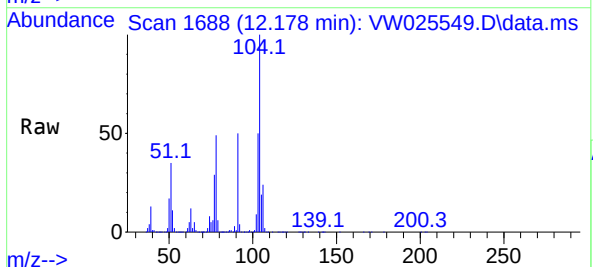
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

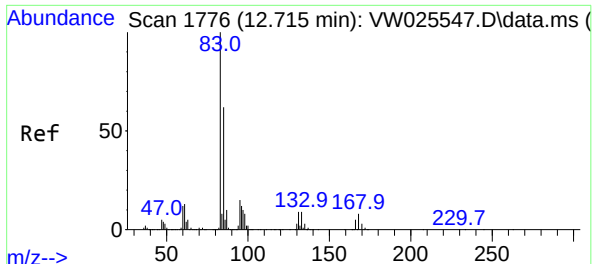
Tgt Ion:106 Resp: 2061564
Ion Ratio Lower Upper
106 100
91 211.4 158.2 293.8



#55
Styrene
Concen: 101.897 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:104 Resp: 3387897
Ion Ratio Lower Upper
104 100
78 49.1 33.3 61.9

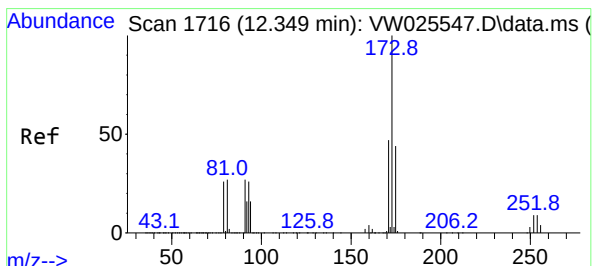
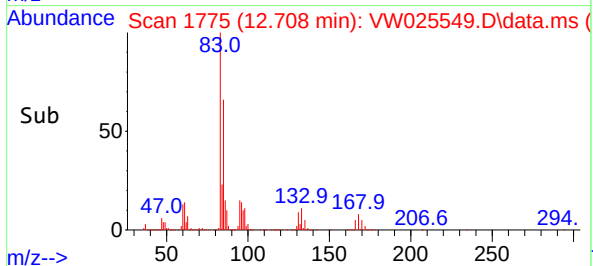
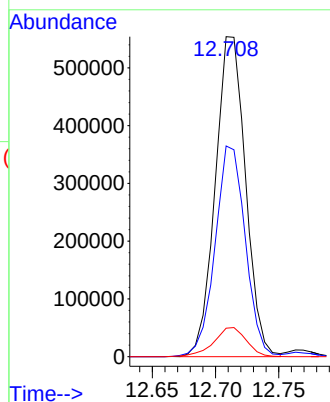
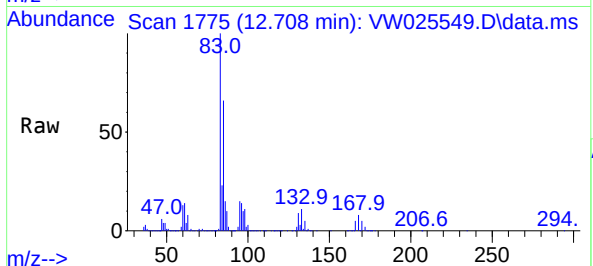




#57
1,1,2,2-Tetrachloroethane
Concen: 91.581 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

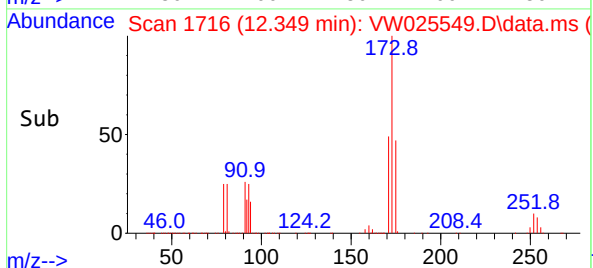
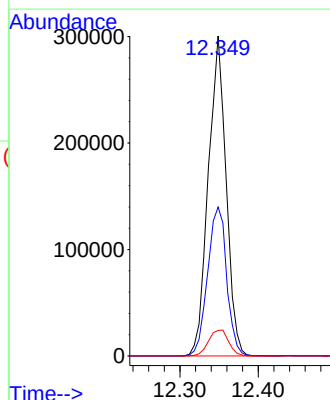
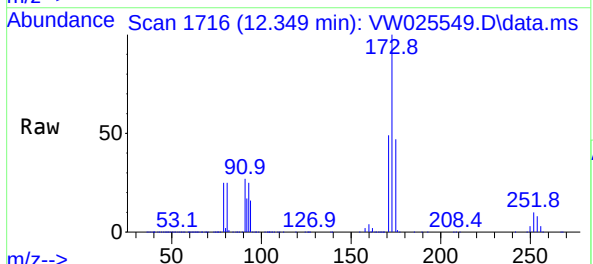
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

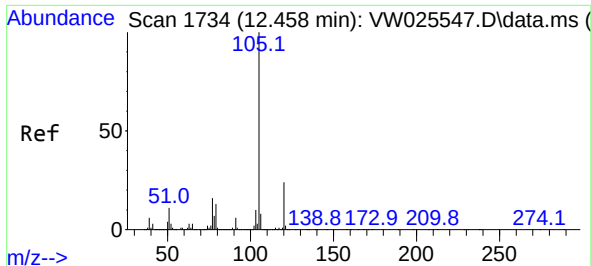
Tgt Ion: 83 Resp: 923028
Ion Ratio Lower Upper
83 100
85 65.9 43.5 80.7
131 8.9 7.0 10.4



#59
Bromoform
Concen: 102.052 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:173 Resp: 475131
Ion Ratio Lower Upper
173 100
175 49.7 36.1 54.1
254 9.2 7.0 10.6

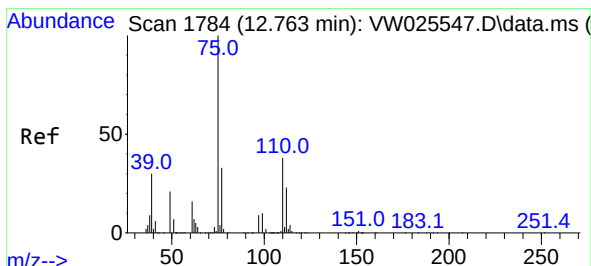
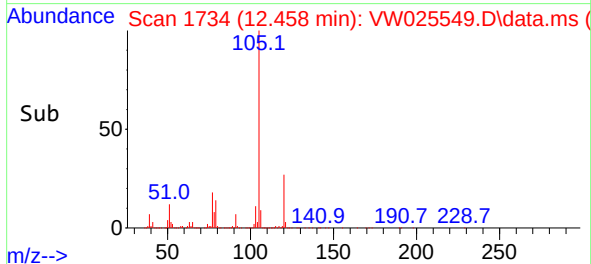
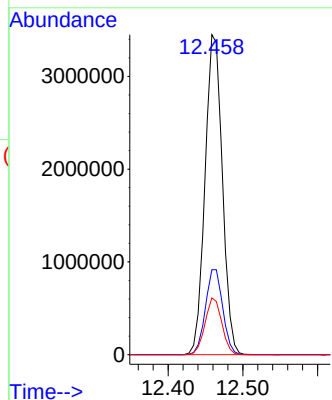
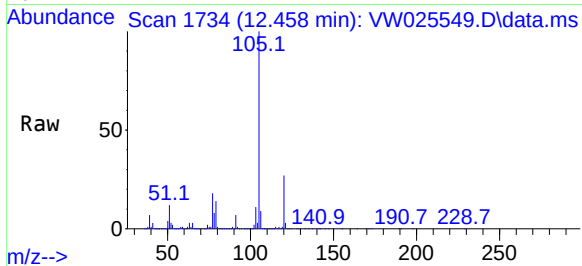




#60
Isopropylbenzene
Concen: 104.244 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

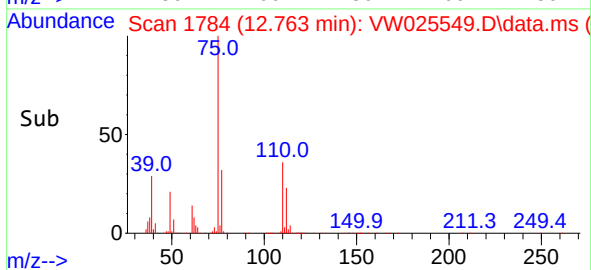
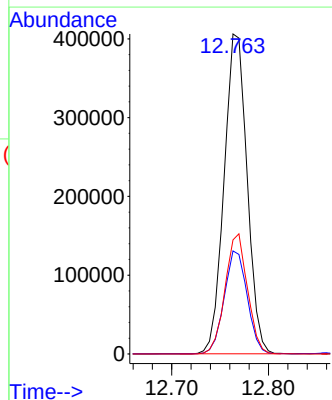
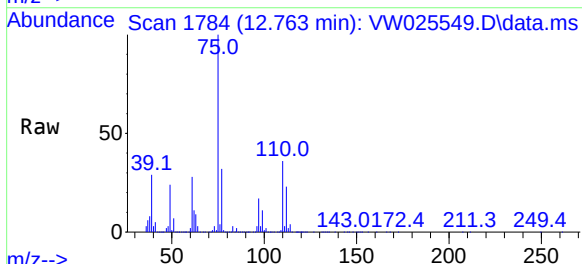
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

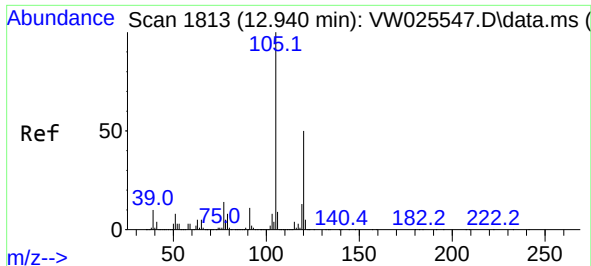
Tgt Ion:105 Resp: 5548149
Ion Ratio Lower Upper
105 100
120 26.5 20.1 30.1
77 17.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 95.253 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion: 75 Resp: 670748
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 36.5 29.0 43.6

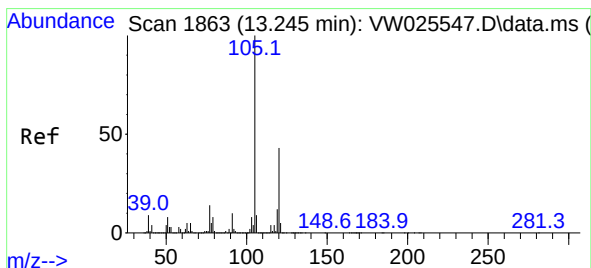
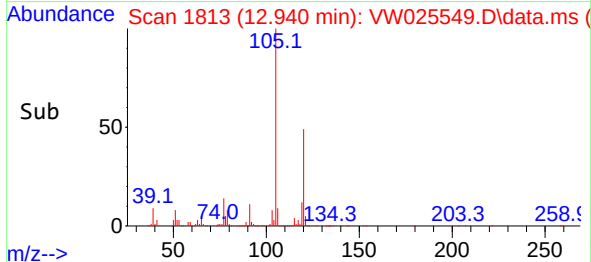
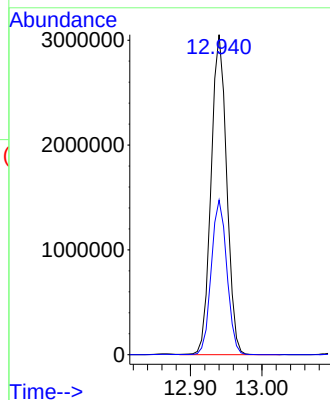
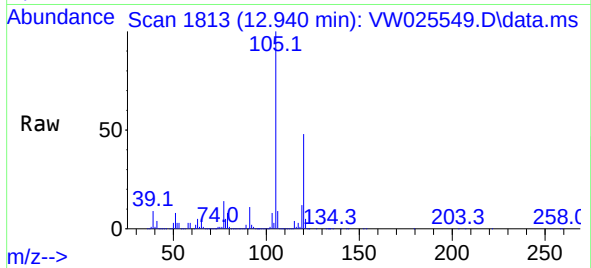




#62
1,3,5-Trimethylbenzene
Concen: 109.979 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

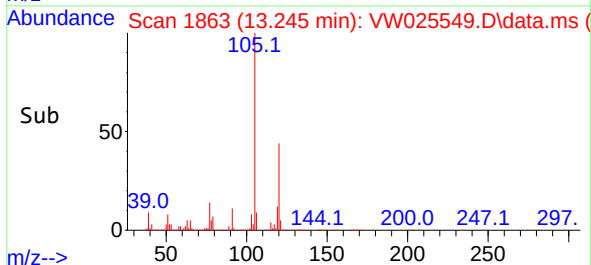
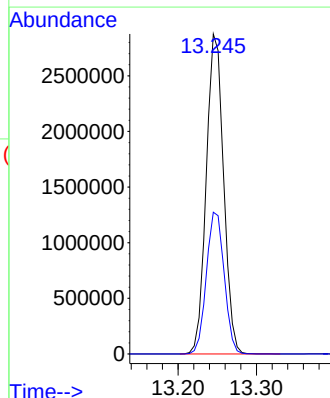
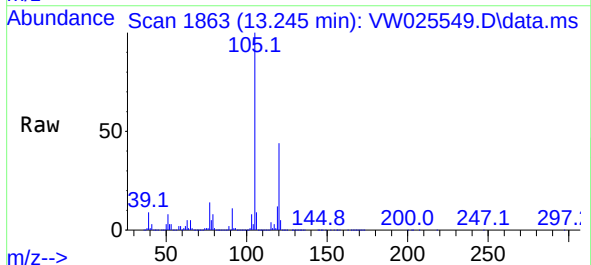
Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

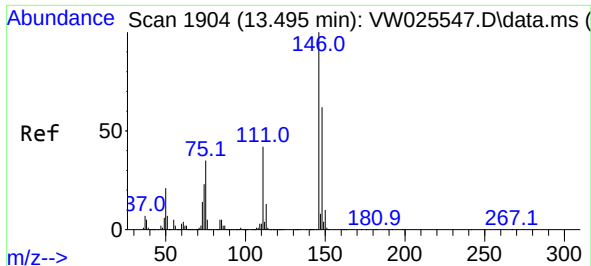
Tgt Ion:105 Resp: 4620682
Ion Ratio Lower Upper
105 100
120 48.3 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 108.928 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:105 Resp: 4406765
Ion Ratio Lower Upper
105 100
120 45.6 34.8 52.2

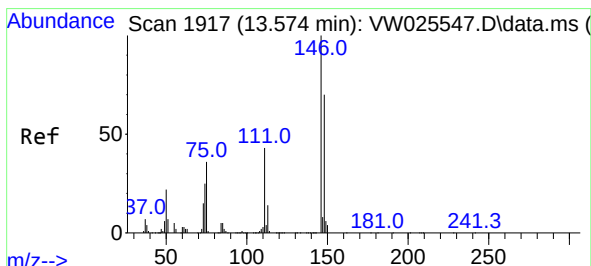
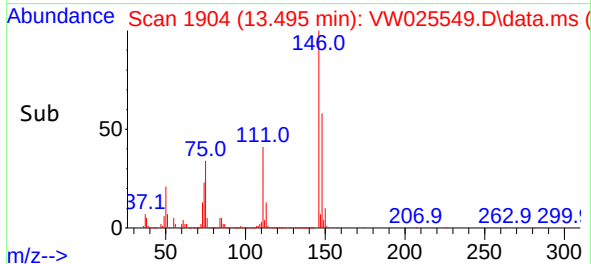
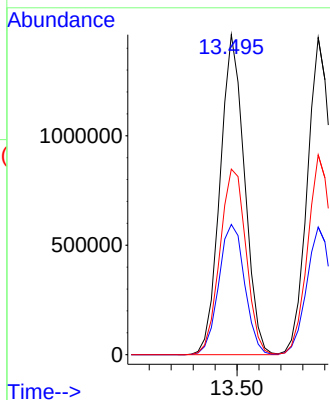
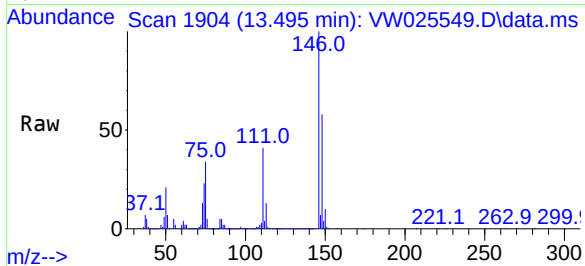




#64
1,3-Dichlorobenzene
Concen: 102.689 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

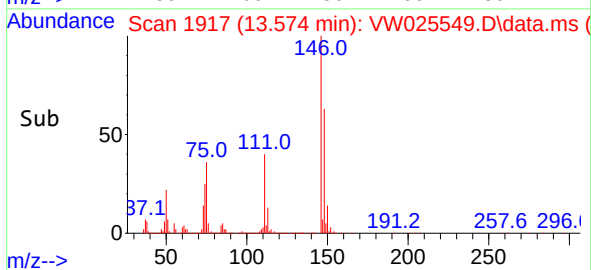
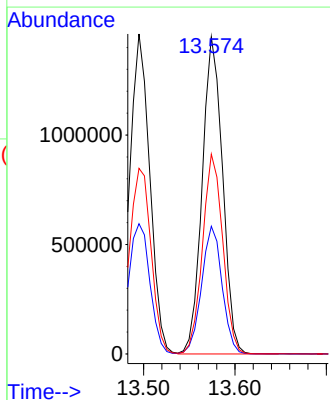
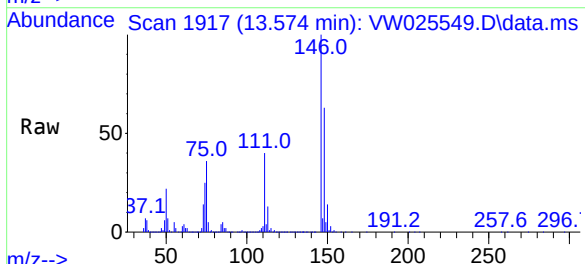
Instrument : MSVOA_W
ClientSampleId : VSTD100441

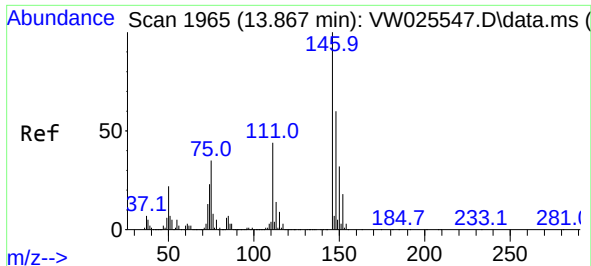
Tgt Ion:146 Resp: 2264860
Ion Ratio Lower Upper
146 100
111 40.7 29.7 55.1
148 58.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 99.884 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:146 Resp: 2249844
Ion Ratio Lower Upper
146 100
111 40.2 30.4 56.5
148 63.0 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 101.511 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD100441

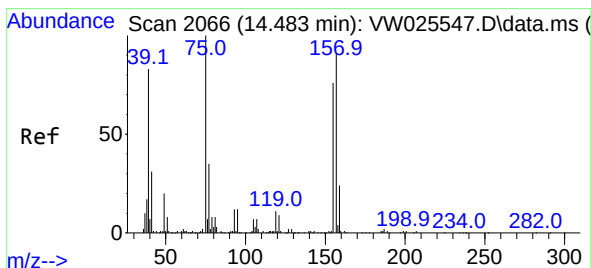
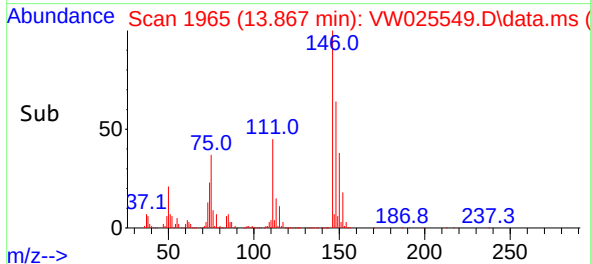
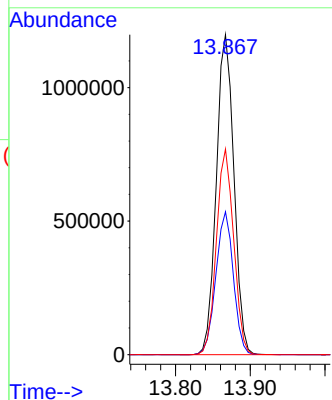
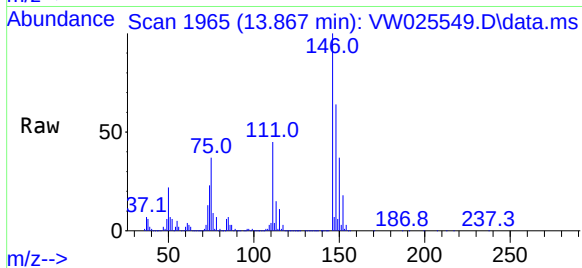
Tgt Ion:146 Resp: 1962777

Ion Ratio Lower Upper

146 100

111 44.6 35.3 52.9

148 64.2 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 96.296 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

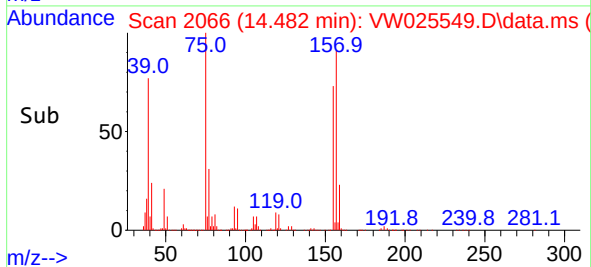
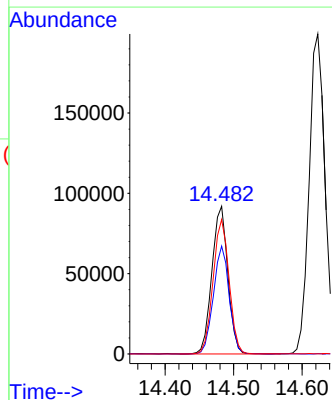
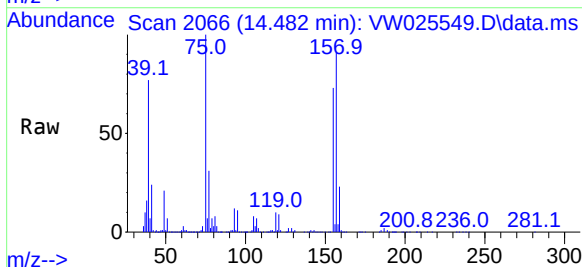
Tgt Ion: 75 Resp: 148751

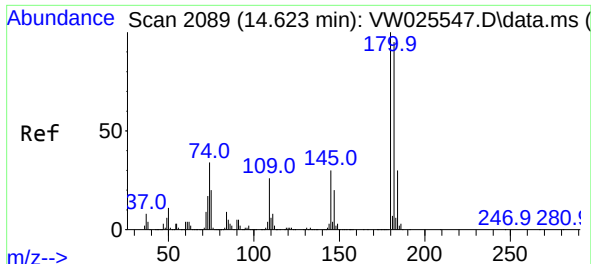
Ion Ratio Lower Upper

75 100

155 73.0 61.1 91.7

157 91.0 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 101.990 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025549.D

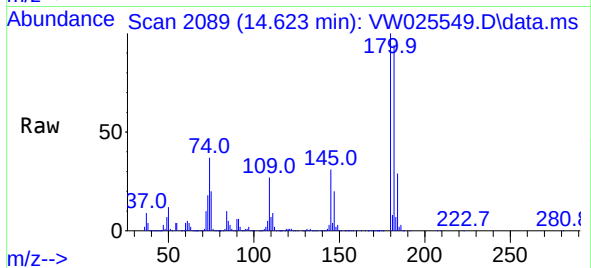
Acq: 03 Apr 2023 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD100441



Tgt Ion:180 Resp: 1506057

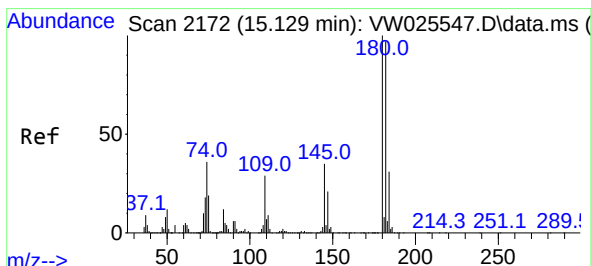
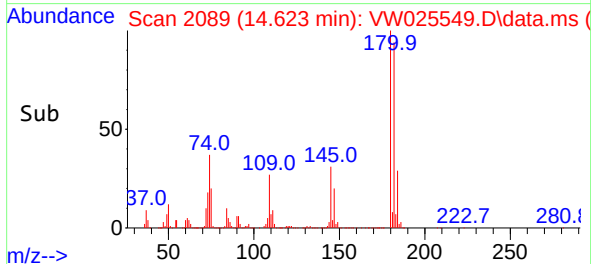
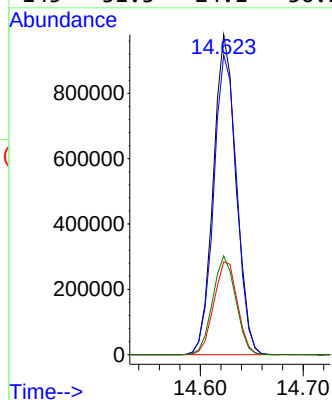
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

184 30.1 24.1 36.1

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 107.677 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025549.D

Acq: 03 Apr 2023 10:54

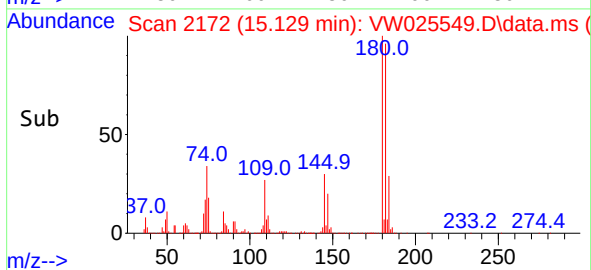
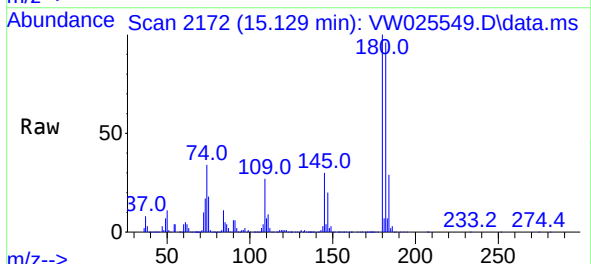
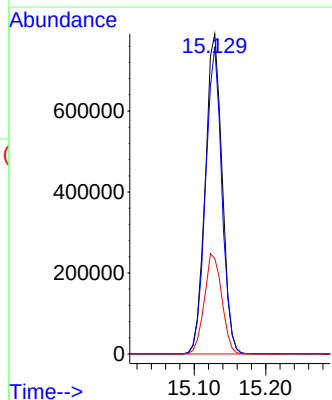
Tgt Ion:180 Resp: 1291637

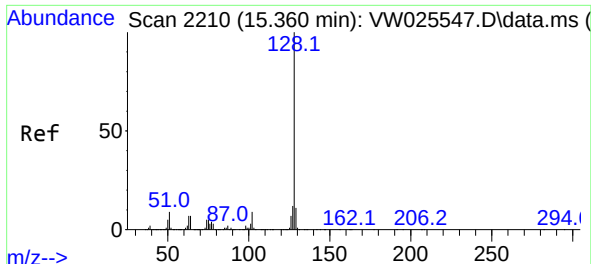
Ion Ratio Lower Upper

180 100

182 93.2 79.5 119.3

145 32.5 27.4 41.0

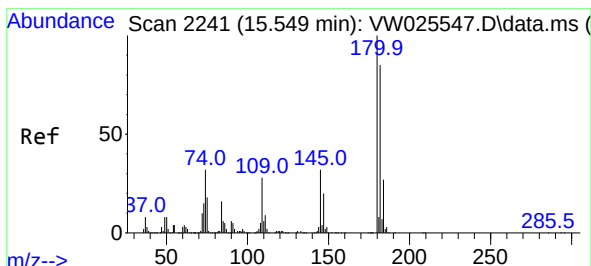
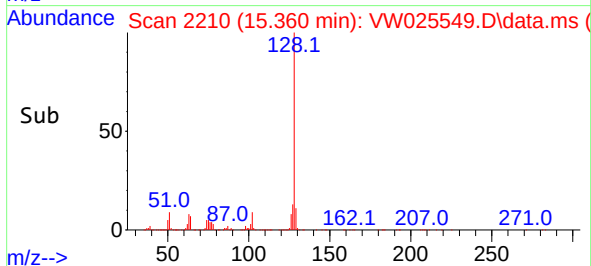
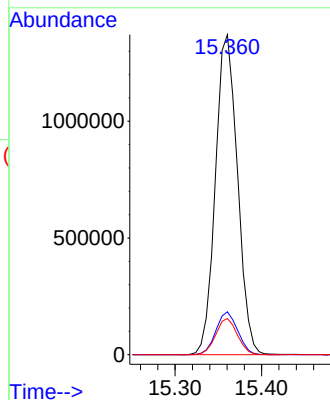
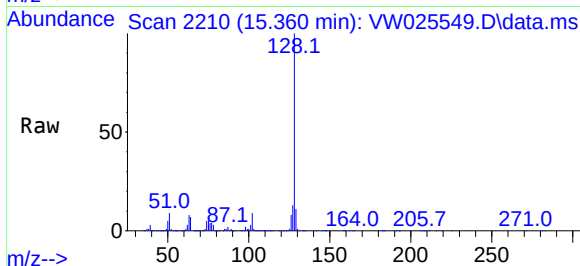




#71
Naphthalene
Concen: 108.393 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100441

Tgt Ion:128 Resp: 2426175
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 102.694 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025549.D
Acq: 03 Apr 2023 10:54

Tgt Ion:180 Resp: 1077042
Ion Ratio Lower Upper
180 100
182 94.9 72.9 109.3
145 34.9 27.0 40.6

