

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026537.D
 Acq On : 06 Jul 2023 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Jul 07 02:33:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	733673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	640954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	303049	27.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.880%	
7) Chloroethane-d5	2.893	69	225084	24.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 98.640%	
11) 1,1-Dichloroethene-d2	4.015	65	144173	28.019	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.080%#	
21) 2-Butanone-d5	7.075	46	200832	47.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.180%	
24) Chloroform-d	7.648	84	557433	25.789	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.160%	
26) 1,2-Dichloroethane-d4	8.307	65	308384	24.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.120%	
32) Benzene-d6	8.276	84	1153749	28.232	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.920%	
36) 1,2-Dichloropropane-d6	9.270	67	357839	27.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.840%	
41) Toluene-d8	10.319	98	1016455	27.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 110.840%	
43) trans-1,3-Dichloroprop...	10.575	79	145739	27.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.320%	
47) 2-Hexanone-d5	10.922	63	130373	50.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287197	25.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.760%	
66) 1,2-Dichlorobenzene-d4	13.848	152	302001	24.557	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	233120	27.878	ug/L #	87
3) Chloromethane	2.222	50	307504	22.740	ug/L	97
5) Vinyl chloride	2.375	62	321503	24.141	ug/L	98
6) Bromomethane	2.789	94	167268	21.512	ug/L	95
8) Chloroethane	2.930	64	184514	23.000	ug/L	96
9) Trichlorofluoromethane	3.265	101	213941	24.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	257141	25.690	ug/L #	67
12) 1,1-Dichloroethene	4.039	96	243213	26.271	ug/L	92
13) Acetone	4.118	43	148524	56.743	ug/L	100
14) Carbon disulfide	4.387	76	749924	25.516	ug/L	100
15) Methyl Acetate	4.667	43	154587	23.736	ug/L	99
16) Methylene chloride	4.917	84	270872	20.717	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	260927	25.044	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	444251	24.389	ug/L	99
19) 1,1-Dichloroethane	6.216	63	531543	23.691	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	285682	23.900	ug/L	98
22) 2-Butanone	7.167	43	224405	46.063	ug/L	99
23) Bromochloromethane	7.514	128	116951	23.625	ug/L	97
25) Chloroform	7.679	83	491398	24.440	ug/L	100

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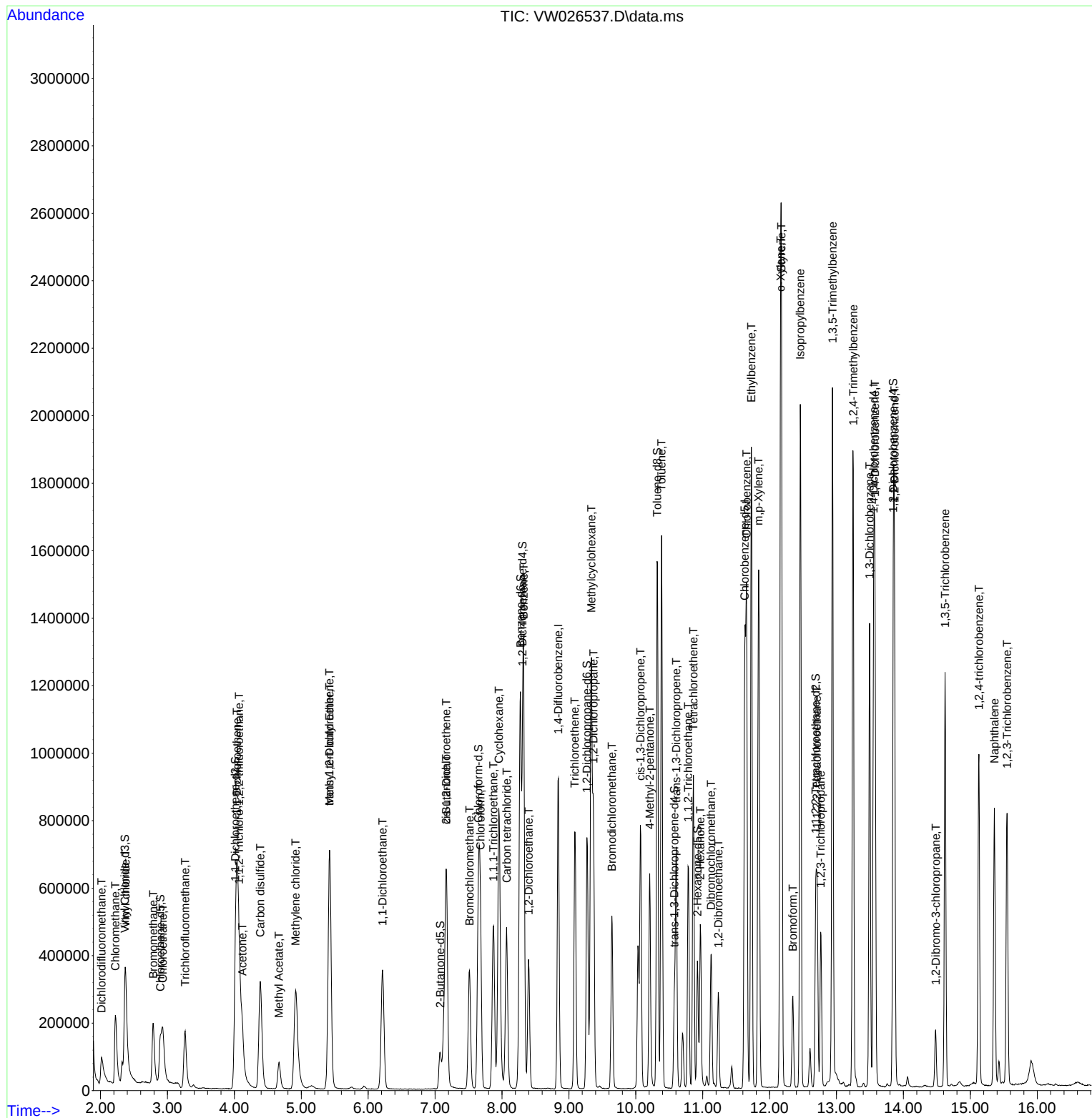
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	344745	23.269	ug/L	98
29) Cyclohexane	7.953	56	514968	28.839	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	398570	27.638	ug/L	99
31) Carbon tetrachloride	8.069	117	349989	26.919	ug/L	98
33) Benzene	8.325	78	1104273	26.603	ug/L	100
34) Trichloroethene	9.087	95	282806	26.712	ug/L	97
35) Methylcyclohexane	9.337	83	504554	27.900	ug/L	99
37) 1,2-Dichloropropane	9.367	63	300434	26.419	ug/L	100
38) Bromodichloromethane	9.642	83	342675	25.538	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	457122	27.262	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	445929	50.676	ug/L	100
42) Toluene	10.386	91	1145211	27.105	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	380076	27.047	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	207386	24.809	ug/L	98
46) Tetrachloroethene	10.861	164	190354	25.623	ug/L	94
48) 2-Hexanone	10.965	43	317610	51.761	ug/L	96
49) Dibromochloromethane	11.123	129	208983	24.952	ug/L	97
50) 1,2-Dibromoethane	11.233	107	191973	25.041	ug/L	94
51) Chlorobenzene	11.654	112	703403	25.471	ug/L	97
52) Ethylbenzene	11.727	91	1299069	26.037	ug/L	99
53) m,p-Xylene	11.837	106	477570	26.178	ug/L	100
54) o-Xylene	12.166	106	454492	25.713	ug/L	99
55) Styrene	12.178	104	765611	25.329	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	266126	24.317	ug/L	96
59) Bromoform	12.349	173	120202	24.746	ug/L #	97
60) Isopropylbenzene	12.458	105	1270862	26.759	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	200155	24.810	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1038854	26.529	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	1028737	27.310	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	501552	24.823	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	502991	24.966	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	450863	23.687	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	45365	22.299	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	347128	25.828	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	289850	26.437	ug/L	97
71) Naphthalene	15.360	128	658976	26.857	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	256564	26.191	ug/L	99

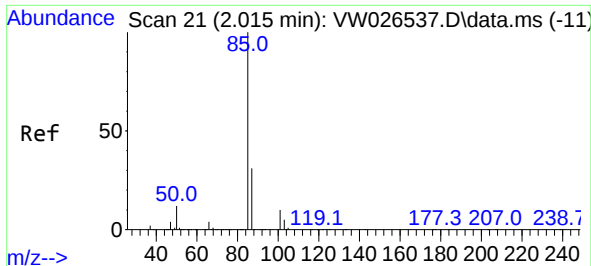
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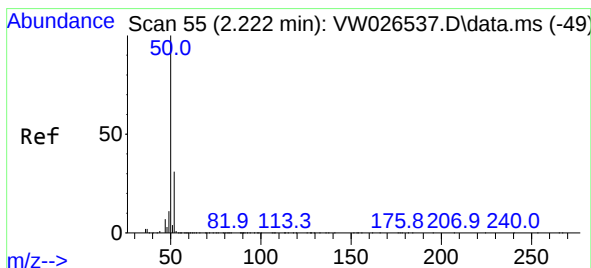
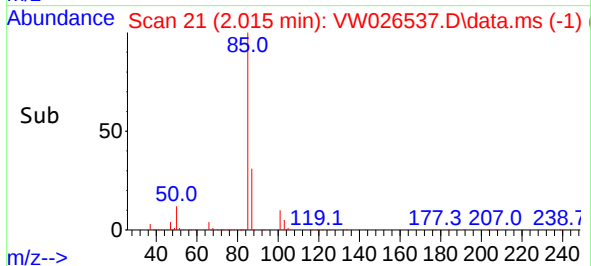
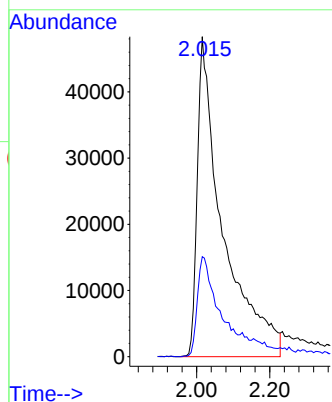
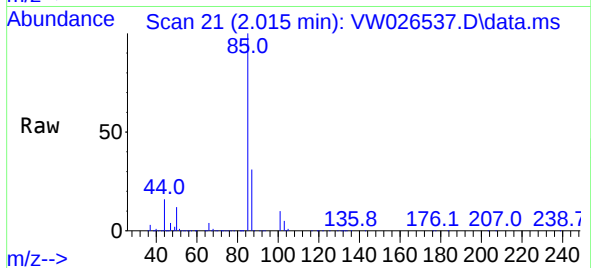




#2
Dichlorodifluoromethane
Concen: 27.878 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

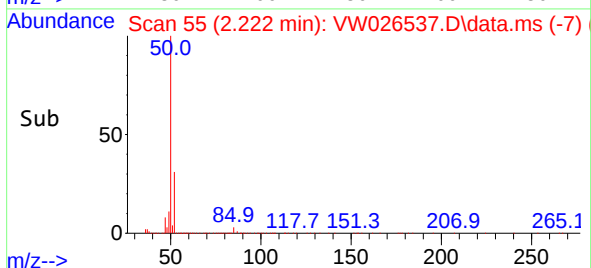
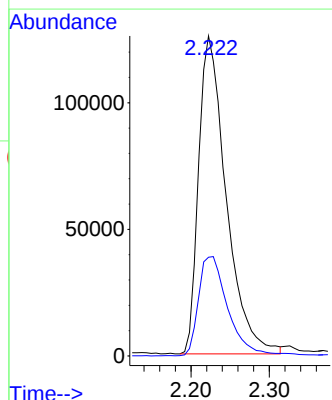
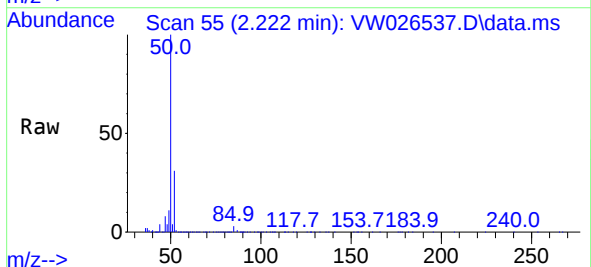
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MSVOA_W
ClientSampleId :
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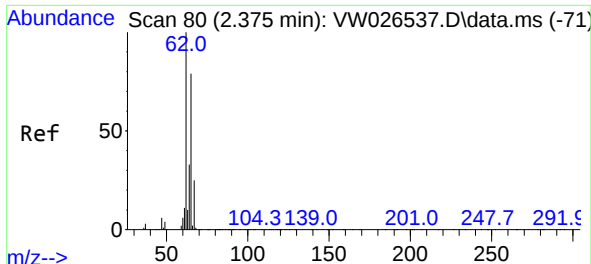
Tgt Ion: 85 Resp: 233120
Ion Ratio Lower Upper
85 100
87 22.6 23.8 35.8#



#3
Chloromethane
Concen: 22.740 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 50 Resp: 307504
Ion Ratio Lower Upper
50 100
52 30.9 22.7 42.1

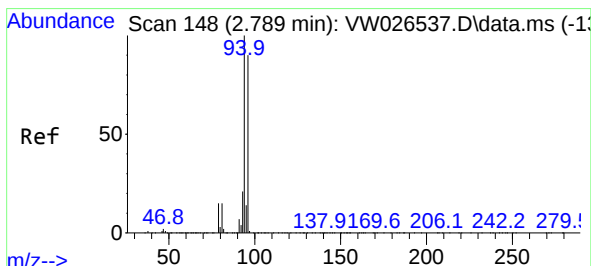
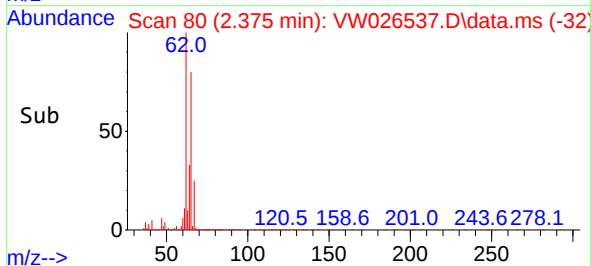
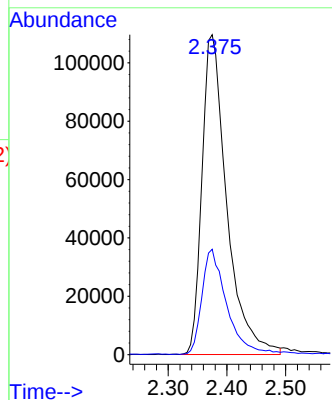
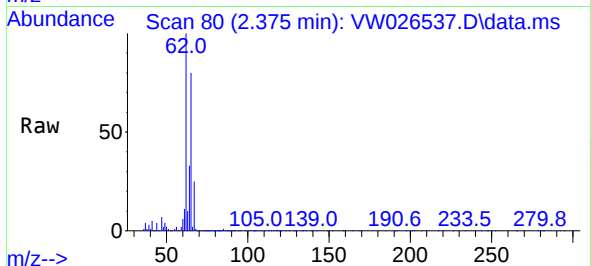




#5
 Vinyl chloride
 Concen: 24.141 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026537.D
 Acq: 06 Jul 2023 09:10

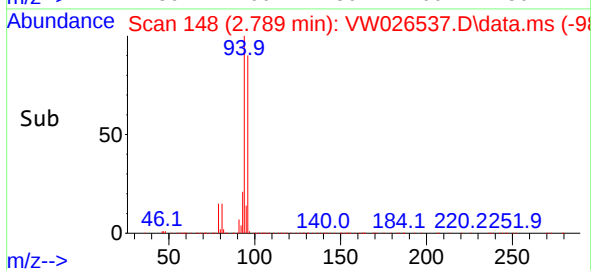
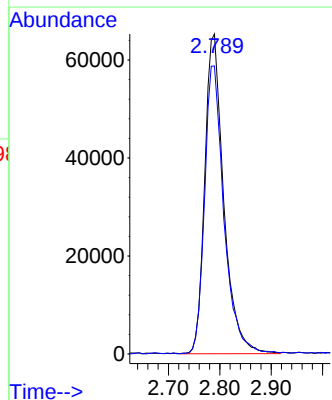
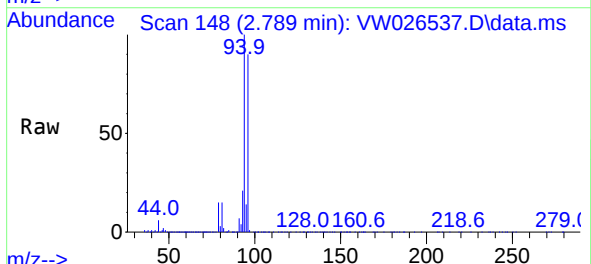
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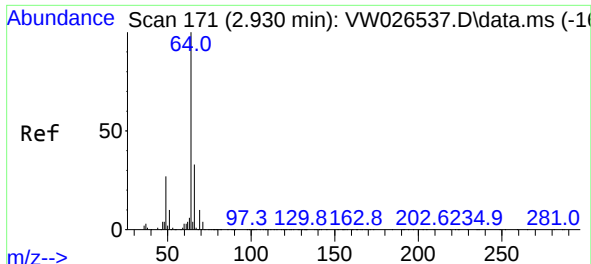
Tgt Ion: 62 Resp: 321503
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.1 41.1



#6
 Bromomethane
 Concen: 21.512 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026537.D
 Acq: 06 Jul 2023 09:10

Tgt Ion: 94 Resp: 167268
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.3 123.1

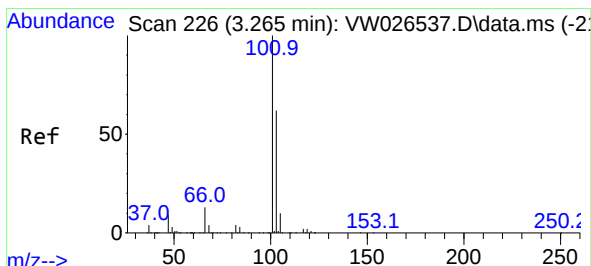
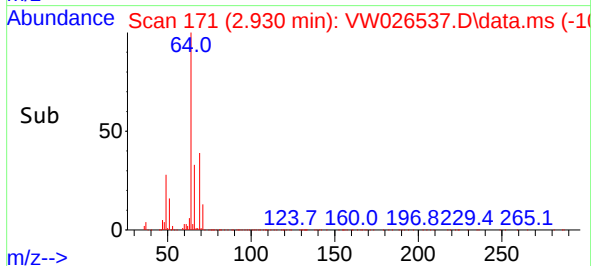
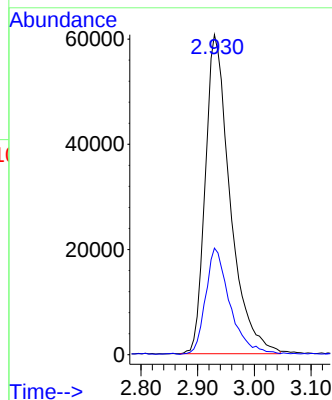
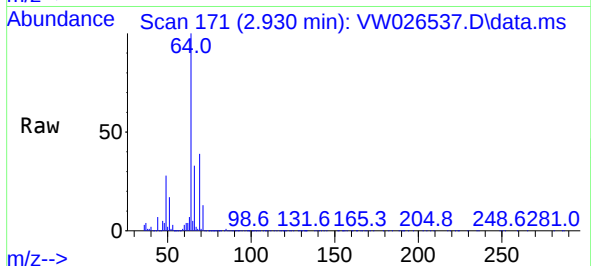




#8
Chloroethane
Concen: 23.000 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

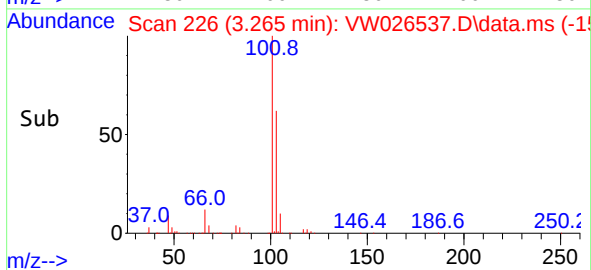
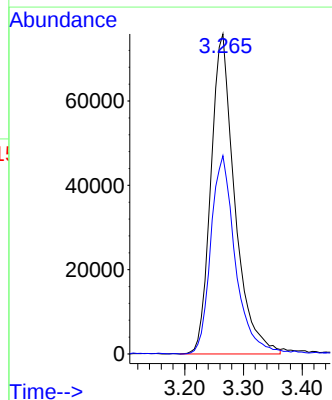
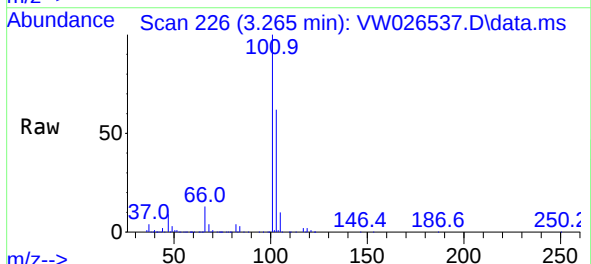
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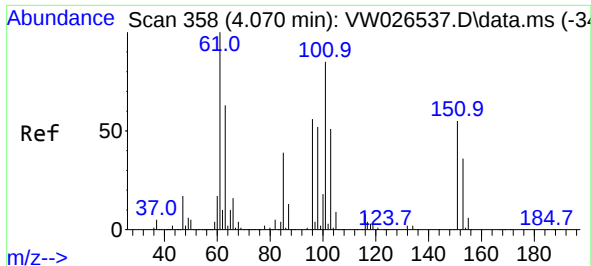
Tgt Ion: 64 Resp: 184514
Ion Ratio Lower Upper
64 100
66 33.3 21.6 40.2



#9
Trichlorofluoromethane
Concen: 24.991 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 101 Resp: 213941
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

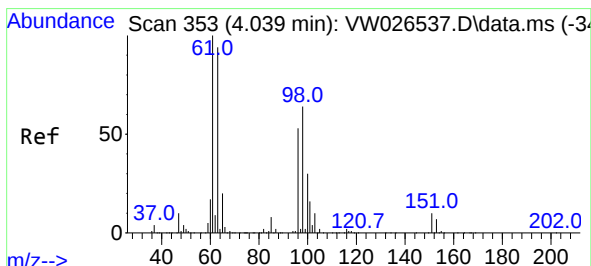
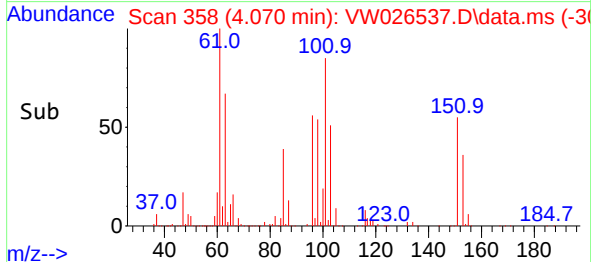
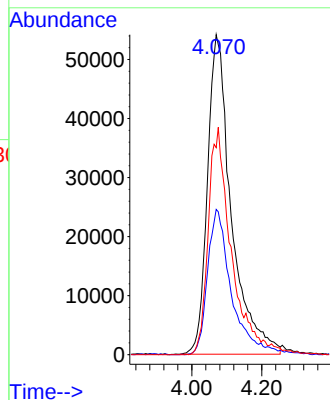
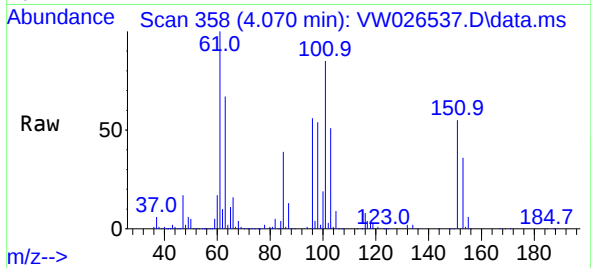




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.690 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026537.D
 Acq: 06 Jul 2023 09:10

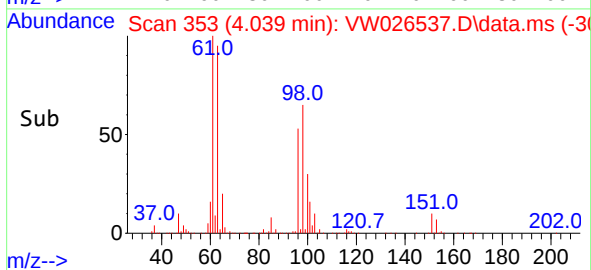
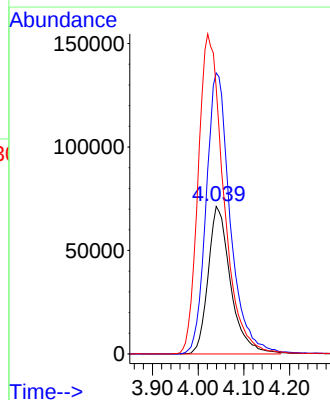
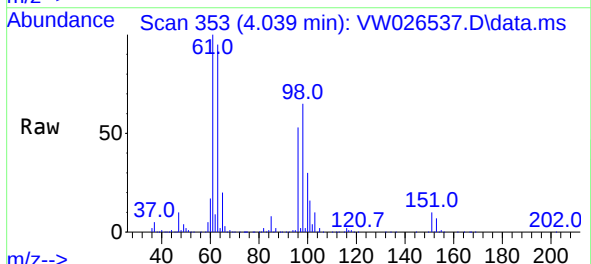
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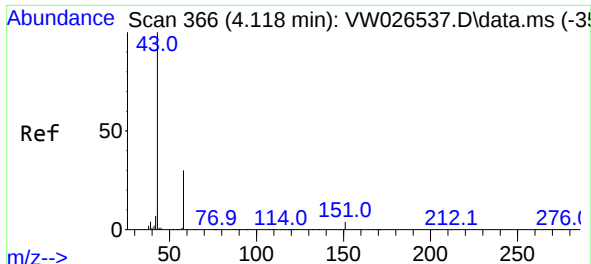
Tgt Ion:101 Resp: 257141
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.4 53.0
 151 26.0 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 26.271 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026537.D
 Acq: 06 Jul 2023 09:10

Tgt Ion: 96 Resp: 243213
 Ion Ratio Lower Upper
 96 100
 61 190.4 142.9 265.5
 63 180.3 132.7 246.5

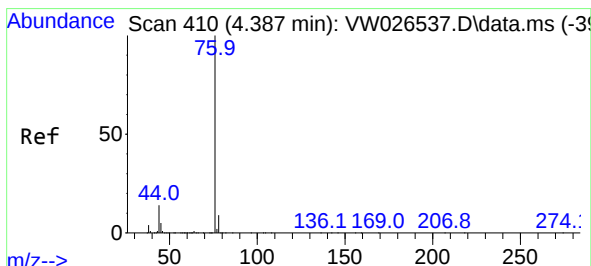
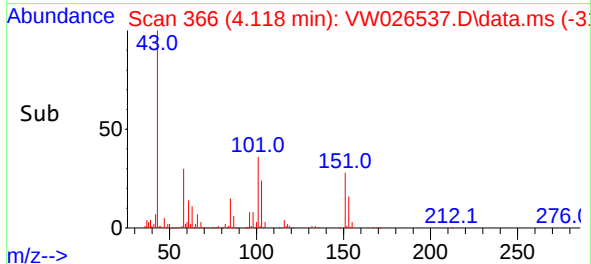
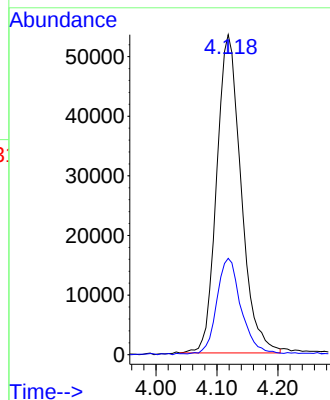
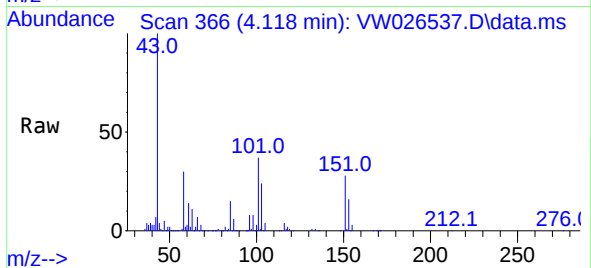




#13
Acetone
Concen: 56.743 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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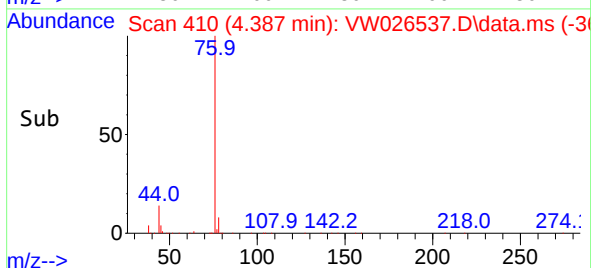
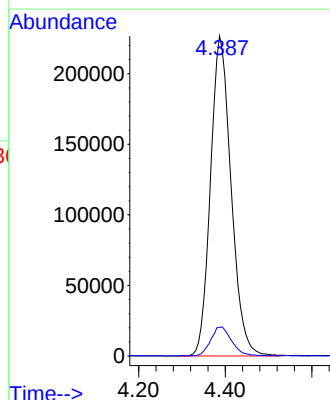
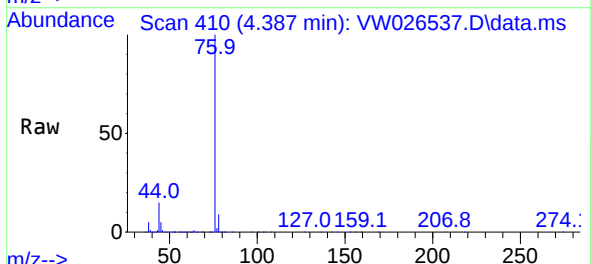
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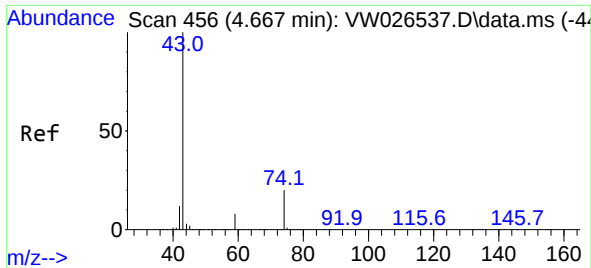
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Ion Ratio Lower Upper
43 100
58 29.6 0.0 59.6



#14
Carbon disulfide
Concen: 25.516 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 76 Resp: 749924
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

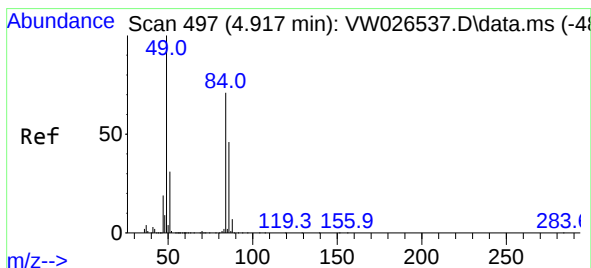
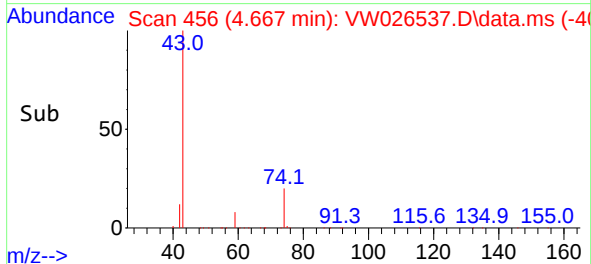
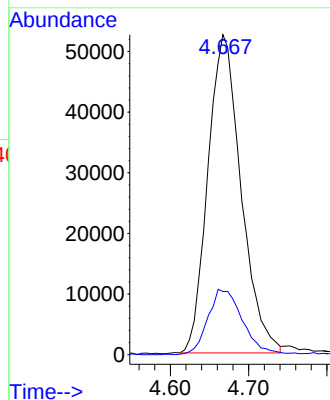
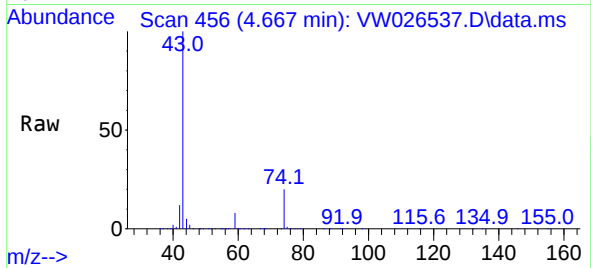




#15
Methyl Acetate
Concen: 23.736 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

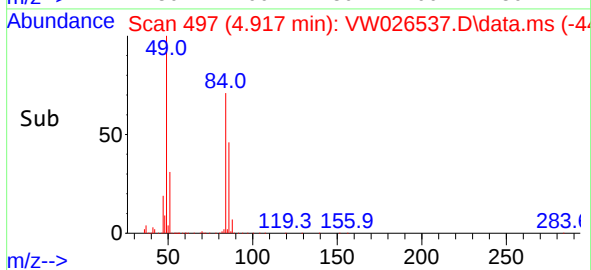
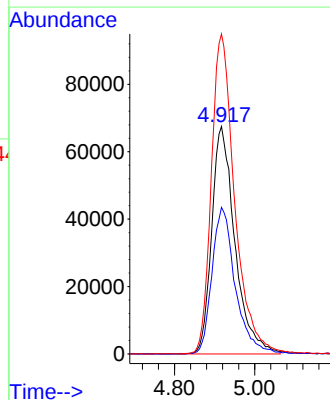
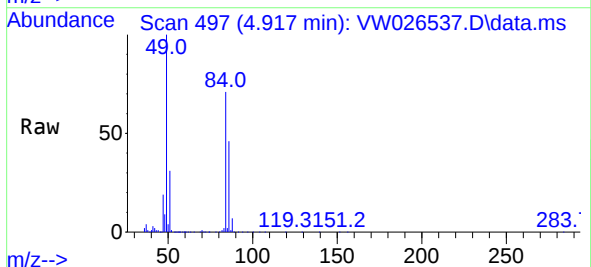
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

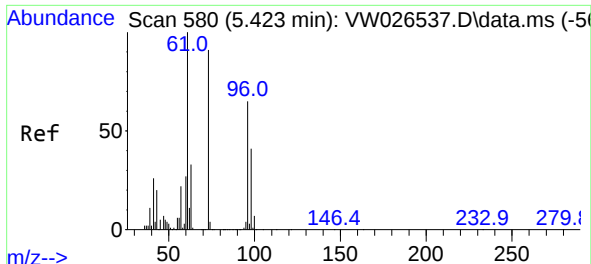
Tgt Ion: 43 Resp: 154587
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8



#16
Methylene chloride
Concen: 20.717 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 84 Resp: 270872
Ion Ratio Lower Upper
84 100
86 64.4 43.3 80.5
49 140.6 99.3 184.3

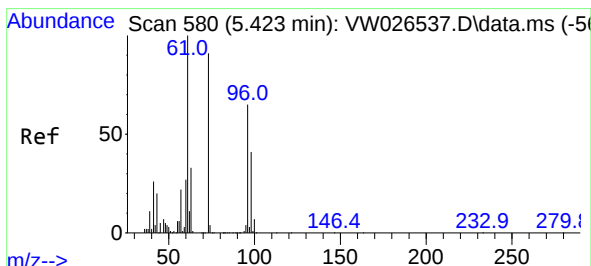
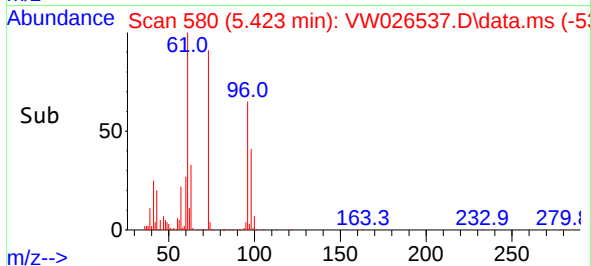
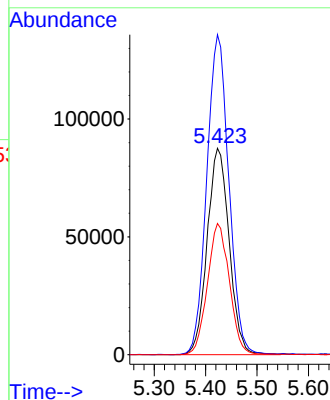
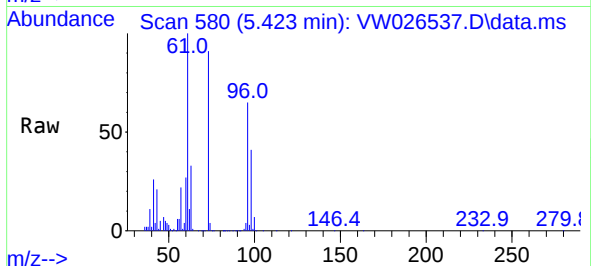




#17
trans-1,2-Dichloroethene
Concen: 25.044 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

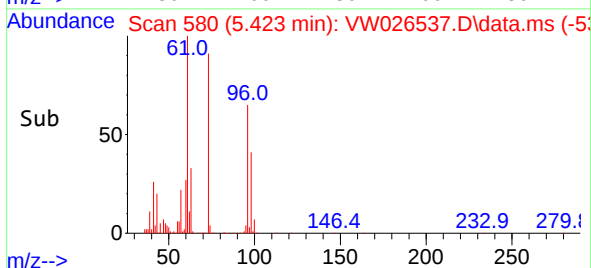
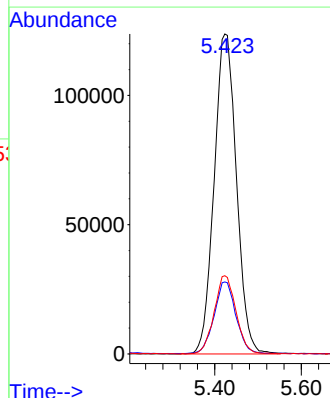
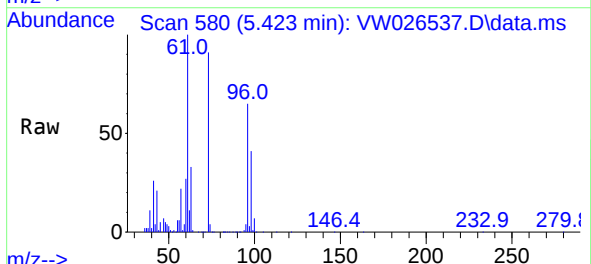
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

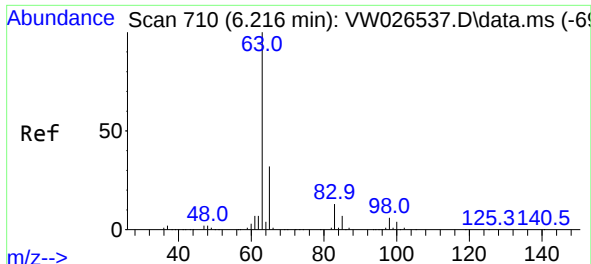
Tgt Ion: 96 Resp: 260927
Ion Ratio Lower Upper
96 100
61 155.0 109.7 203.7
98 63.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.389 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 73 Resp: 444251
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.8
57 23.7 18.8 28.2

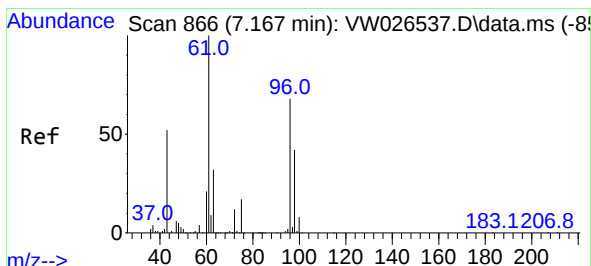
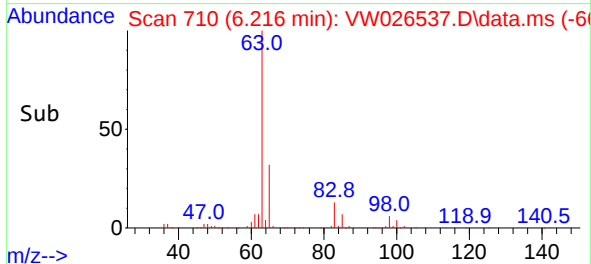
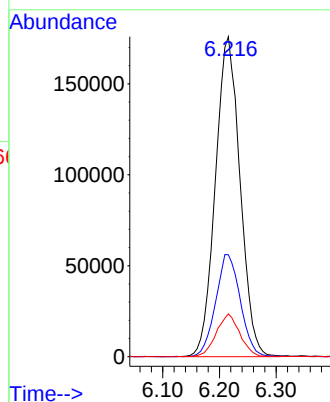
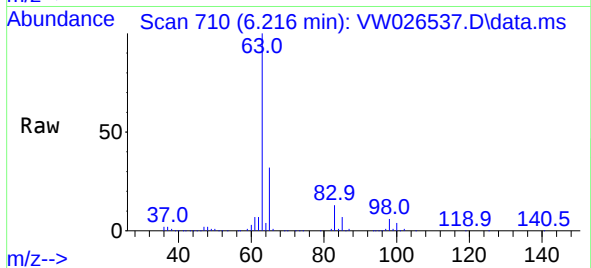




#19
1,1-Dichloroethane
Concen: 23.691 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

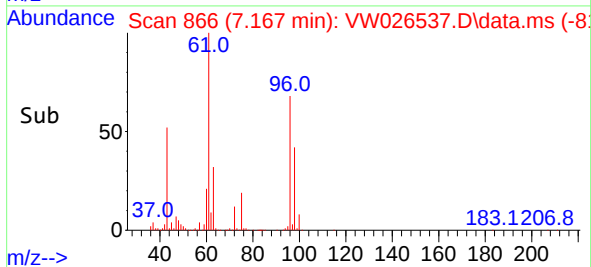
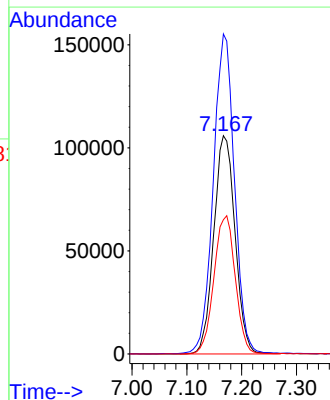
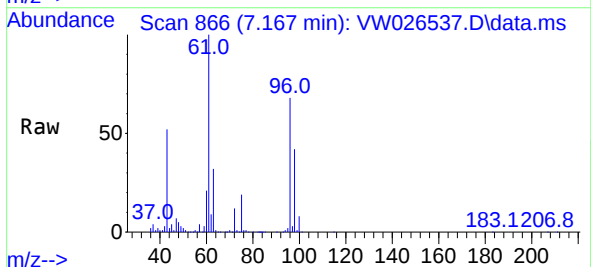
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

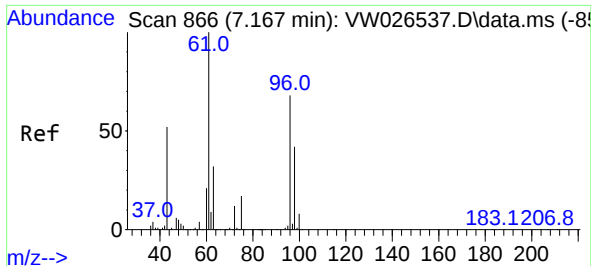
Tgt Ion: 63 Resp: 531543
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.4
83 13.4 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 23.900 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 96 Resp: 285682
Ion Ratio Lower Upper
96 100
61 146.7 101.9 189.3
98 61.5 45.9 85.3

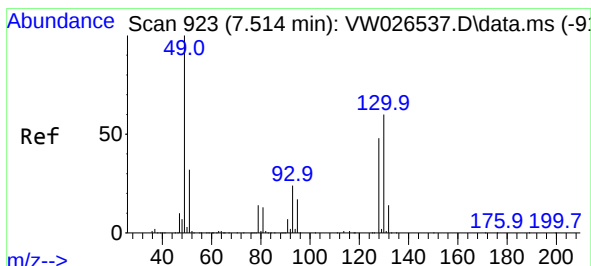
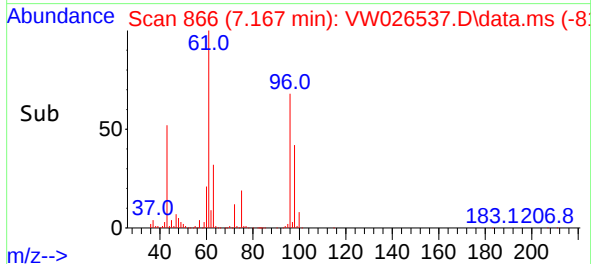
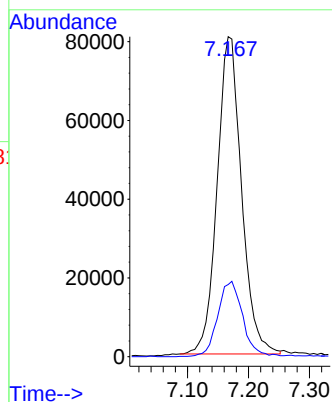
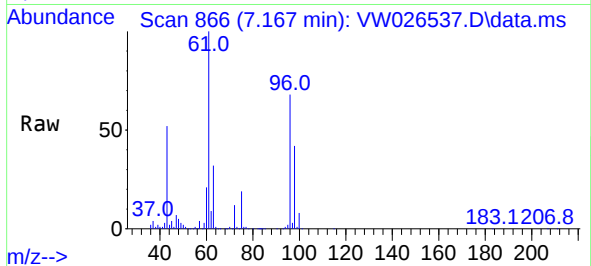




#22
2-Butanone
Concen: 46.063 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

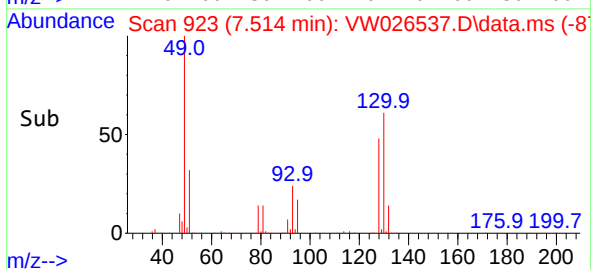
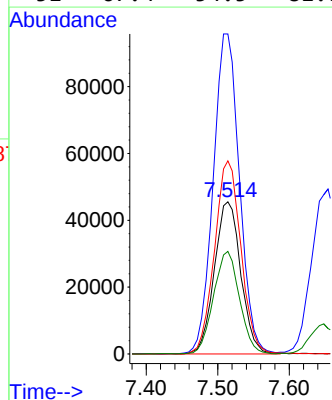
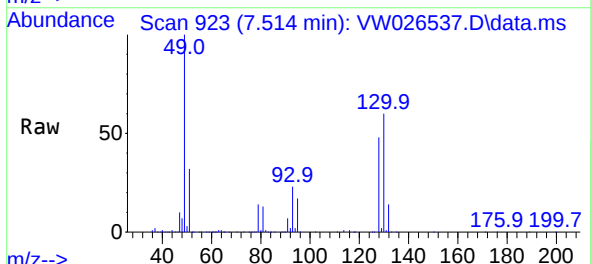
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

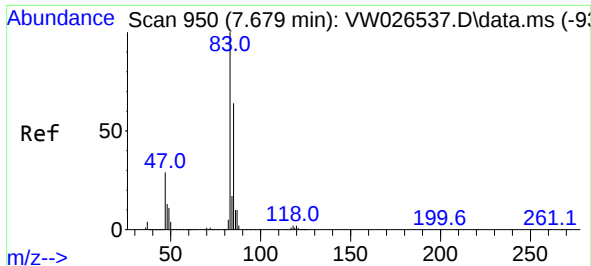
Tgt Ion: 43 Resp: 224405
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#23
Bromochloromethane
Concen: 23.625 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 128 Resp: 116951
Ion Ratio Lower Upper
128 100
49 210.3 152.2 282.7
130 126.9 89.2 165.8
51 67.4 54.5 81.7

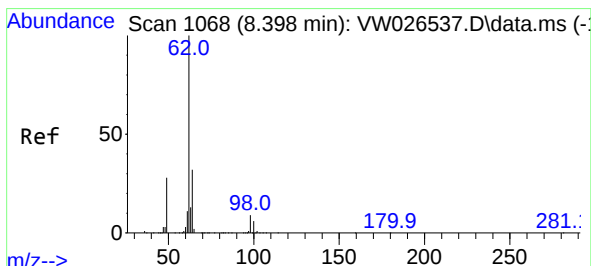
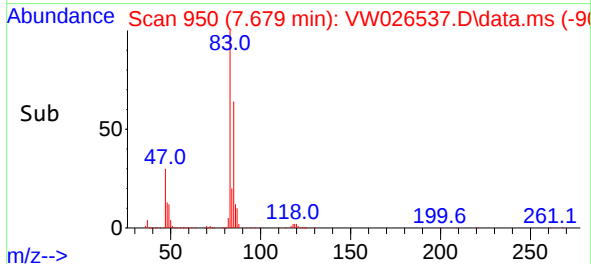
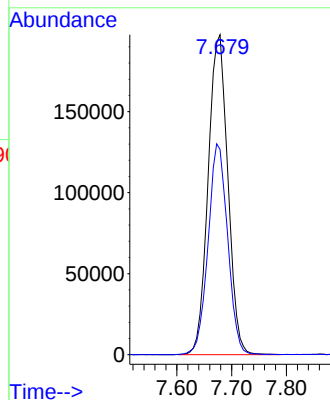
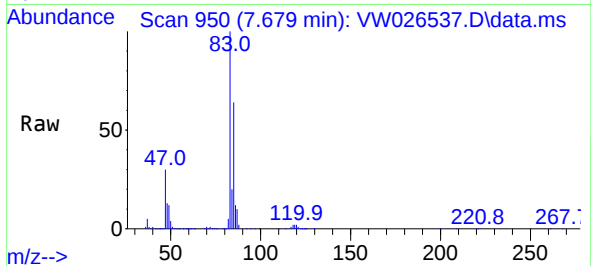




#25
Chloroform
Concen: 24.440 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

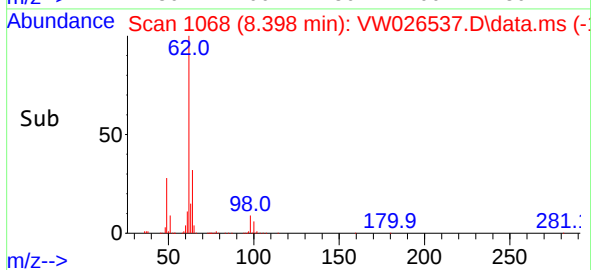
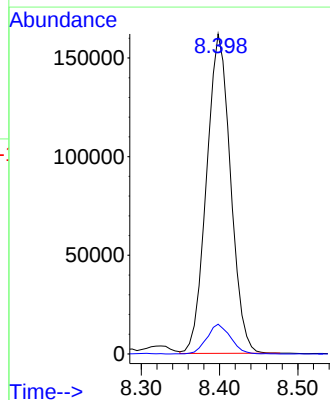
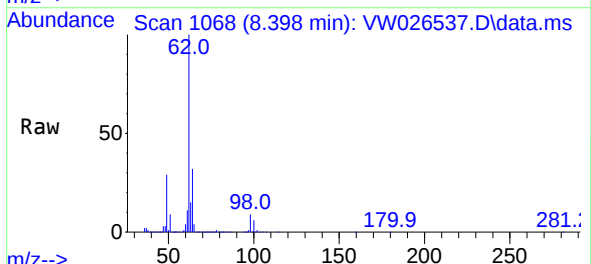
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

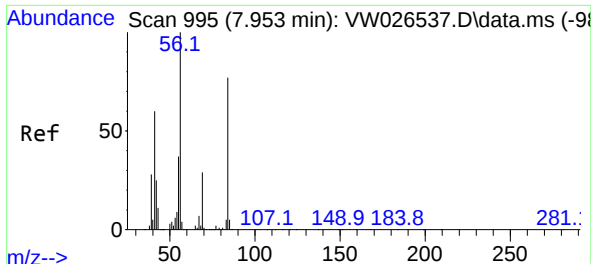
Tgt Ion: 83 Resp: 491398
Ion Ratio Lower Upper
83 100
85 64.1 44.8 83.2



#27
1,2-Dichloroethane
Concen: 23.269 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 62 Resp: 344745
Ion Ratio Lower Upper
62 100
98 9.3 6.8 10.2





#29

Cyclohexane

Concen: 28.839 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW026537.D

Acq: 06 Jul 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

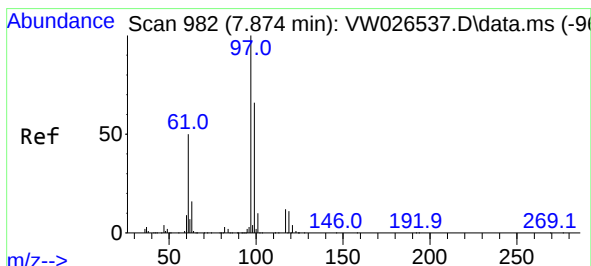
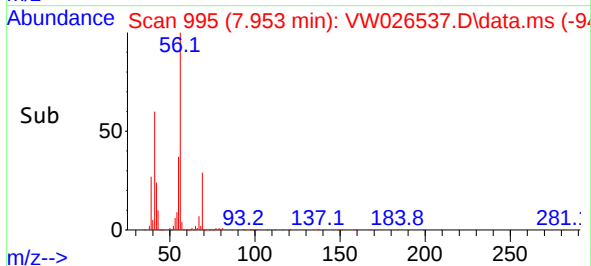
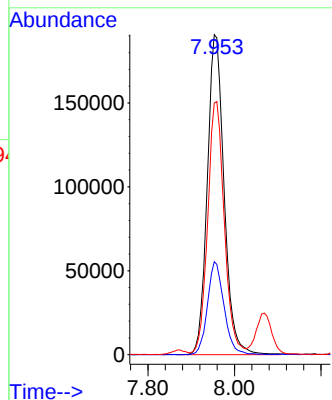
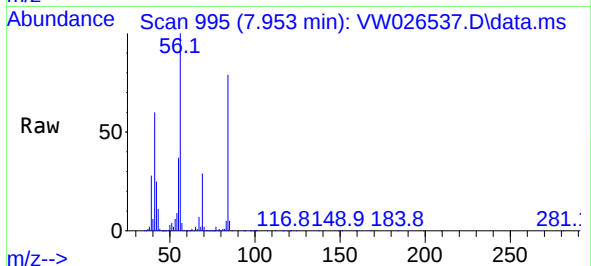
Tgt Ion: 56 Resp: 514968

Ion Ratio Lower Upper

56 100

69 28.4 22.9 34.3

84 77.7 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 27.638 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026537.D

Acq: 06 Jul 2023 09:10

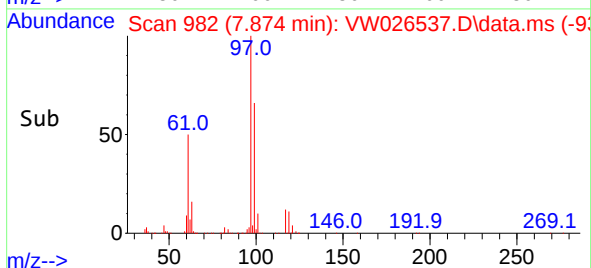
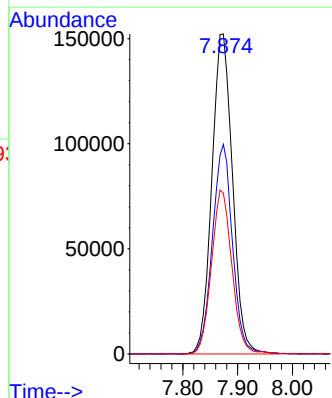
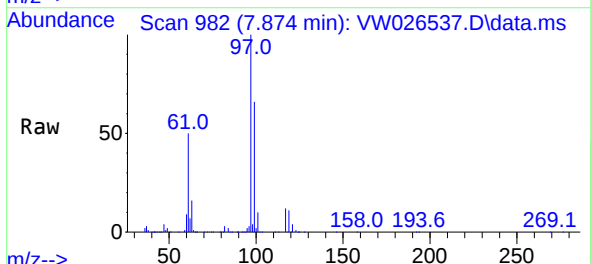
Tgt Ion: 97 Resp: 398570

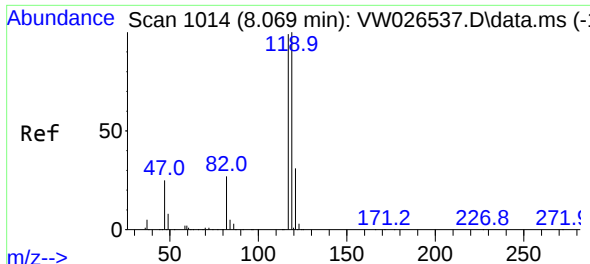
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 50.4 40.2 60.2

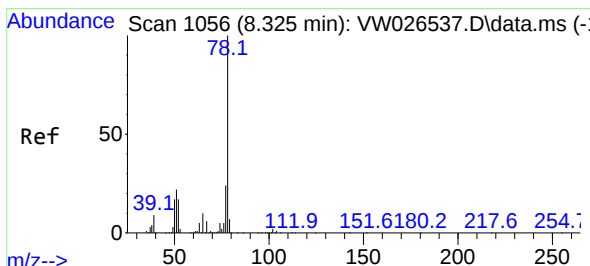
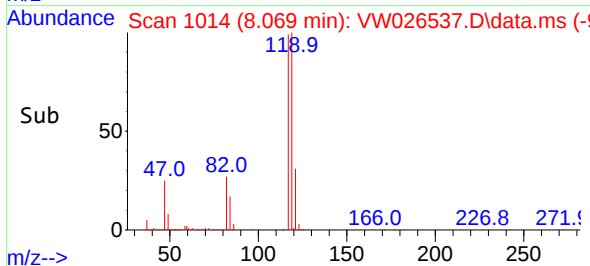
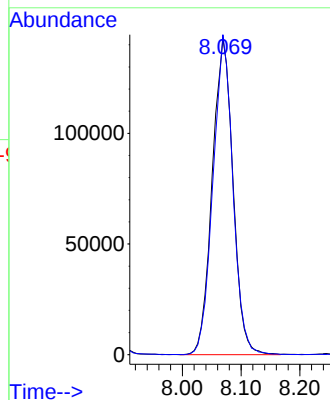
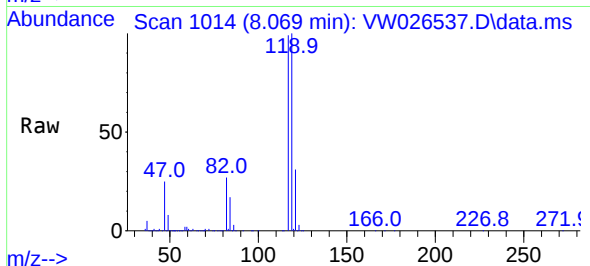




#31
Carbon tetrachloride
Concen: 26.919 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

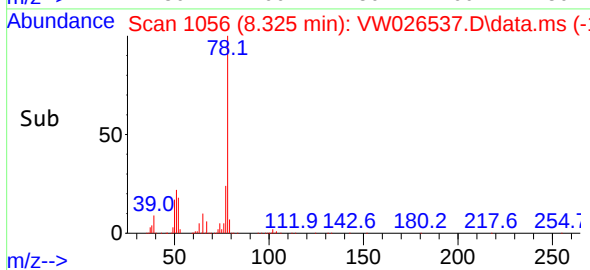
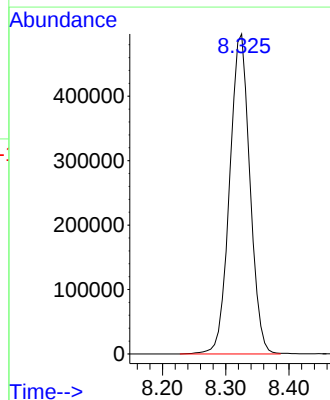
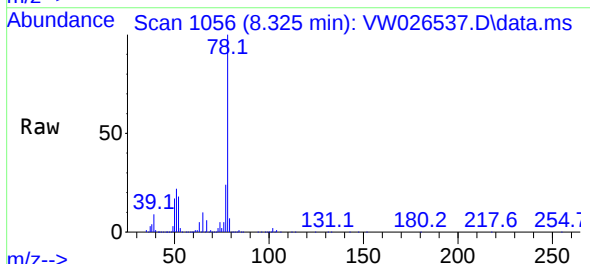
Instrument : MSVOA_W
ClientSampleId : VSTD025550

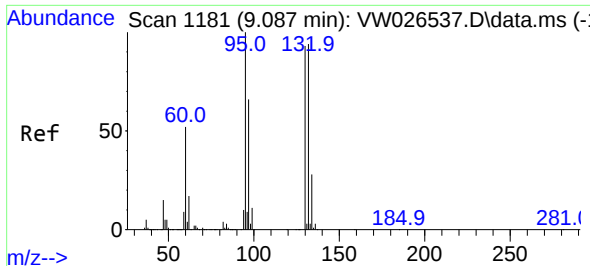
Tgt Ion:117 Resp: 349989
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5



#33
Benzene
Concen: 26.603 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 78 Resp: 1104273



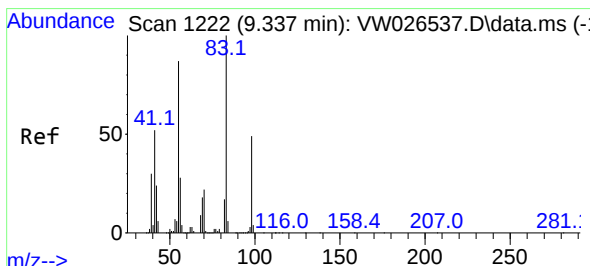
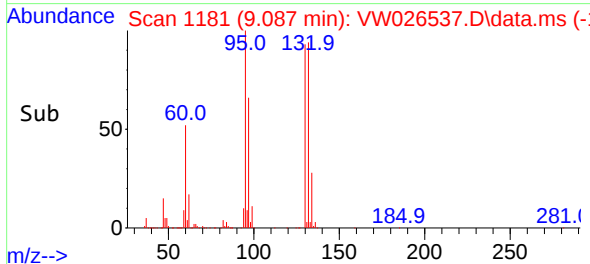
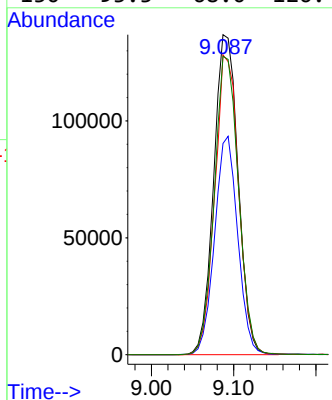
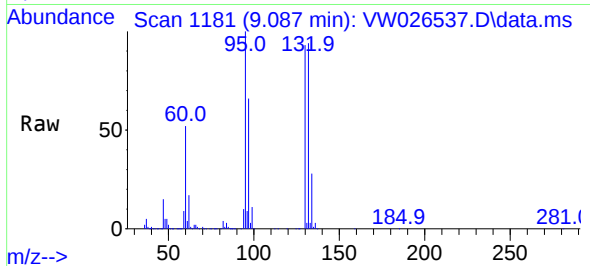


#34
Trichloroethene
Concen: 26.712 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion: 95 Resp: 282806

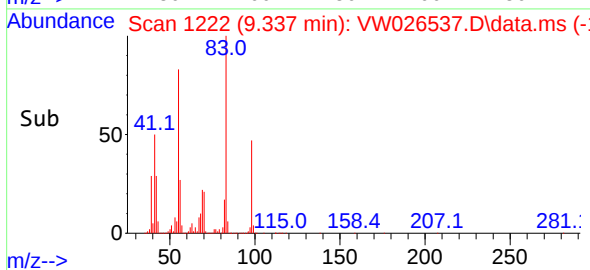
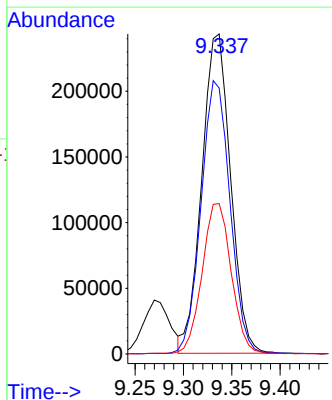
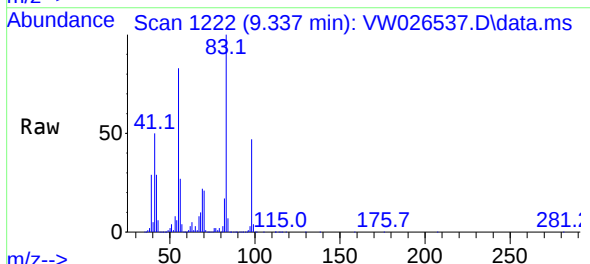
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.1	83.7
132	93.7	63.2	117.4
130	93.3	68.0	126.4

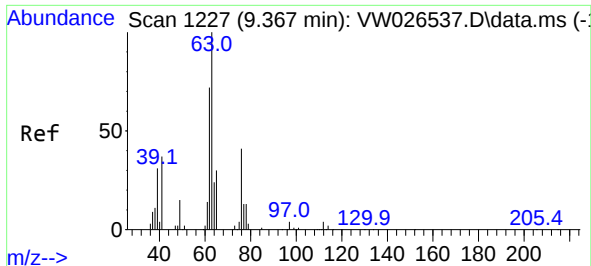


#35
Methylcyclohexane
Concen: 27.900 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 83 Resp: 504554

Ion	Ratio	Lower	Upper
83	100		
55	85.6	67.5	101.3
98	47.7	37.3	55.9





#37

1,2-Dichloropropane

Concen: 26.419 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026537.D

Acq: 06 Jul 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

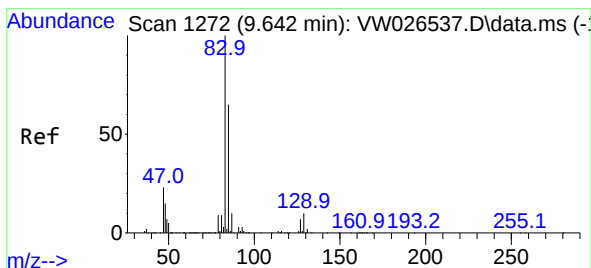
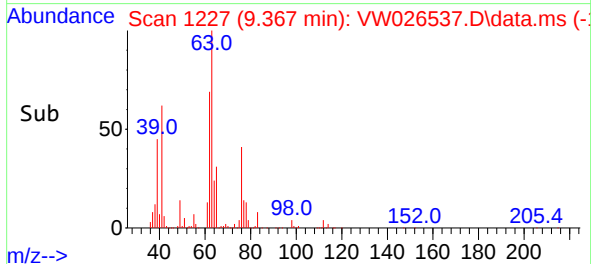
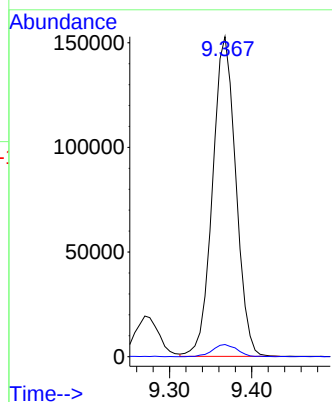
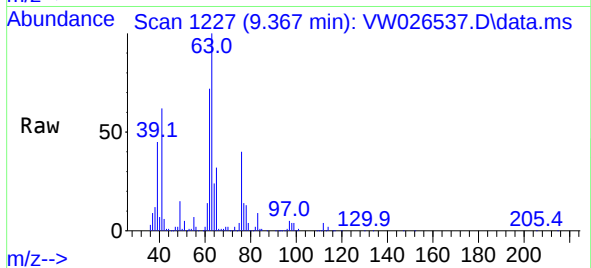
VSTD025550

Tgt Ion: 63 Resp: 300434

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.538 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026537.D

Acq: 06 Jul 2023 09:10

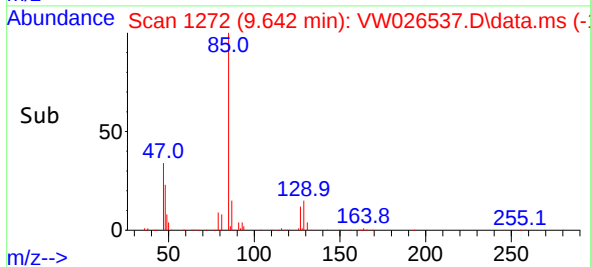
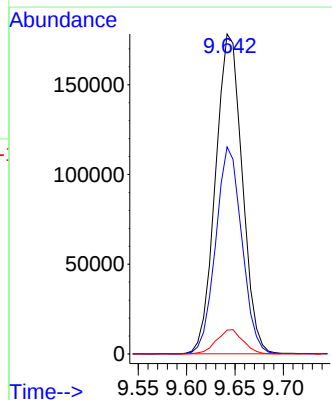
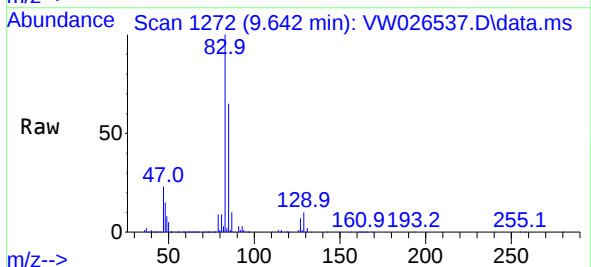
Tgt Ion: 83 Resp: 342675

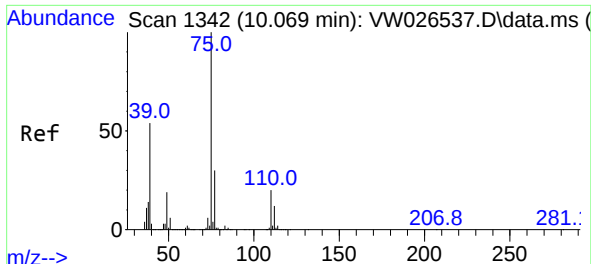
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

127 7.4 5.2 7.8

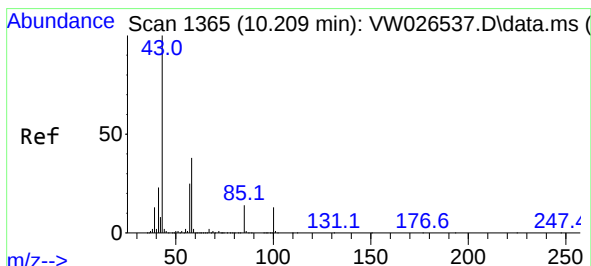
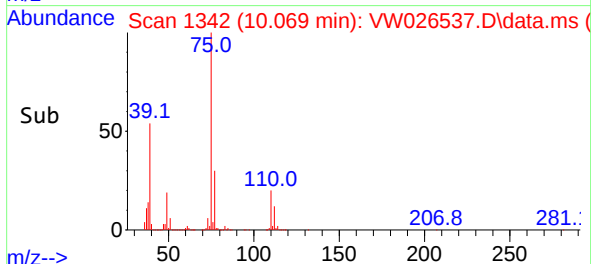
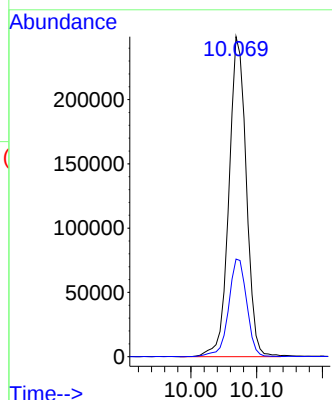
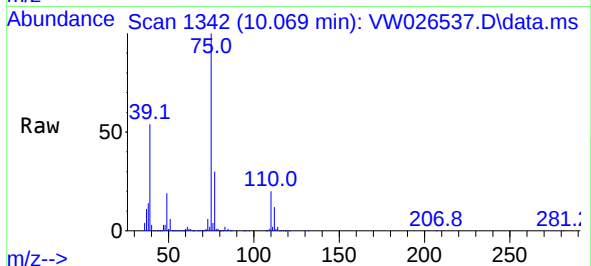




#39
cis-1,3-Dichloropropene
Concen: 27.262 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

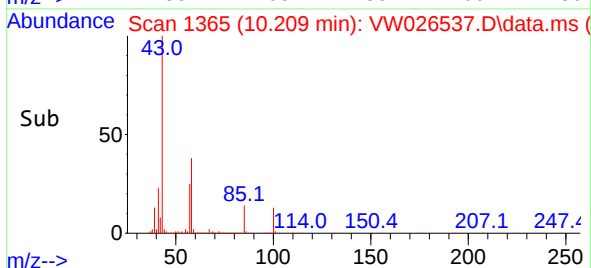
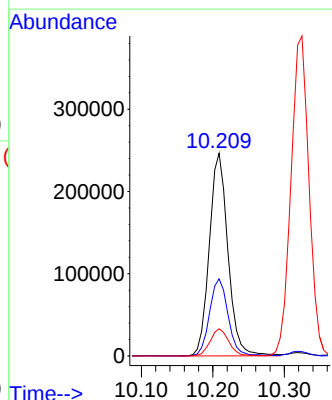
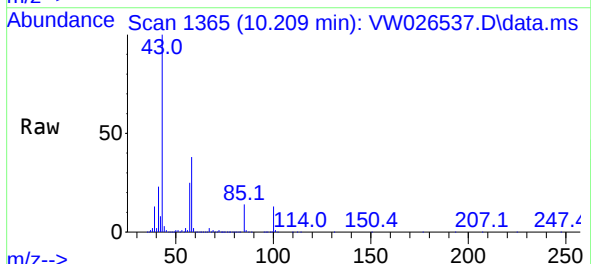
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

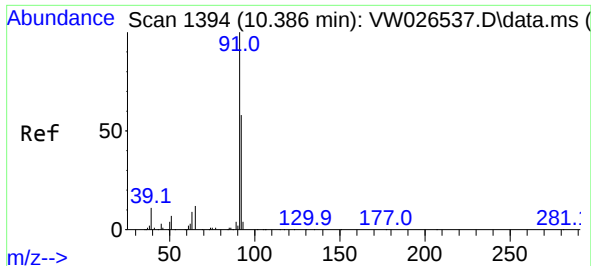
Tgt Ion: 75 Resp: 457122
Ion Ratio Lower Upper
75 100
77 30.5 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 50.676 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 43 Resp: 445929
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.8
100 13.3 10.6 15.8

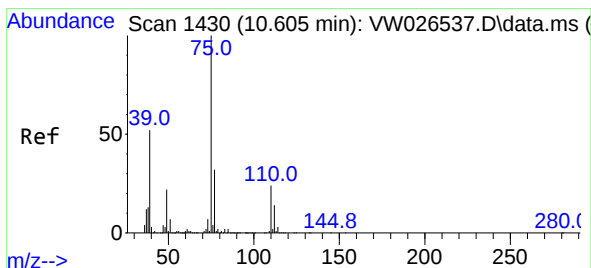
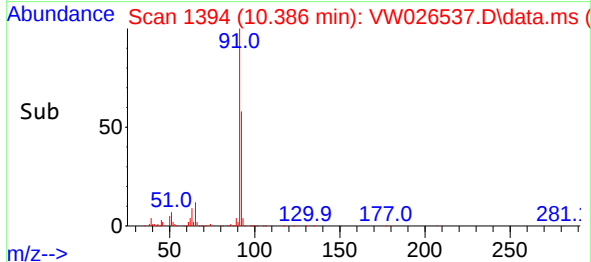
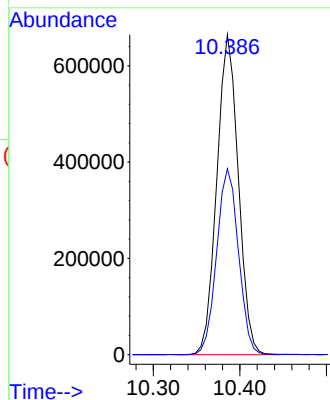
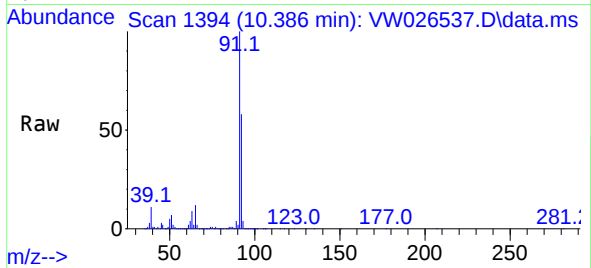




#42
Toluene
Concen: 27.105 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

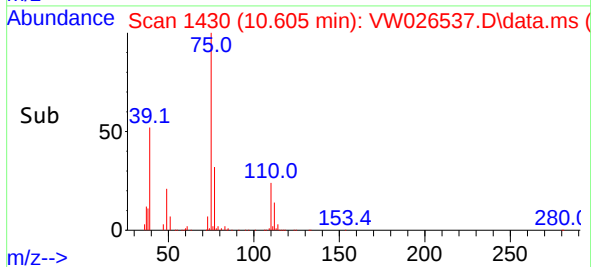
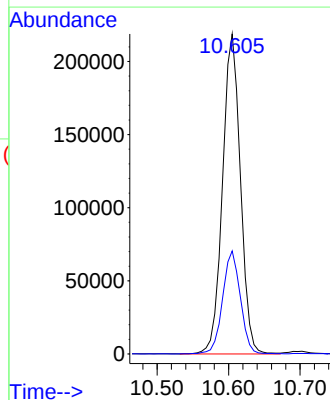
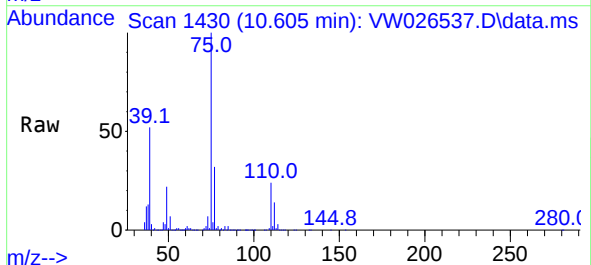
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

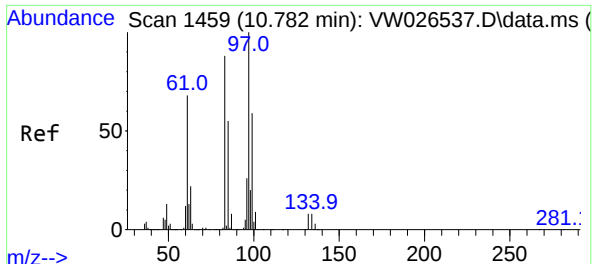
Tgt Ion: 91 Resp: 1145211
Ion Ratio Lower Upper
91 100
92 58.1 42.4 78.8



#44
trans-1,3-Dichloropropene
Concen: 27.047 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 75 Resp: 380076
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



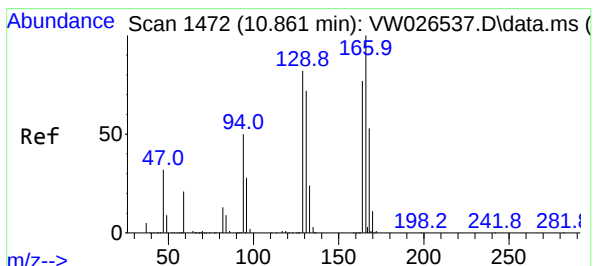
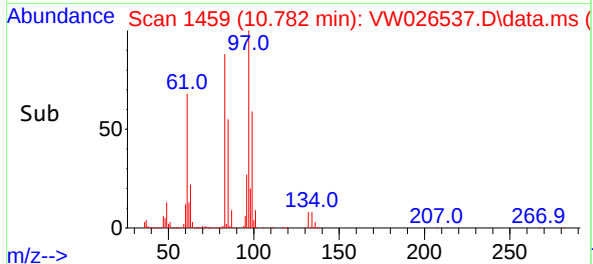
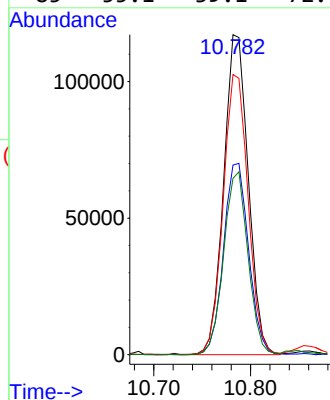
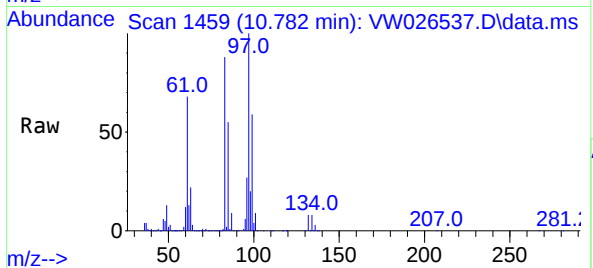


#45
1,1,2-Trichloroethane
Concen: 24.809 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion: 97 Resp: 207386

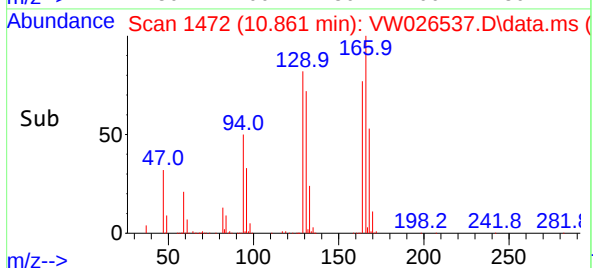
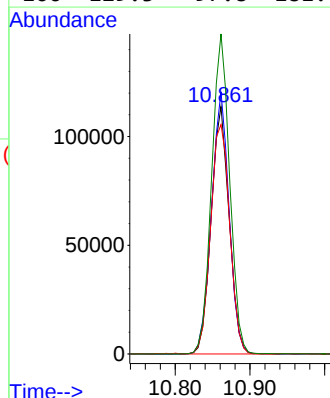
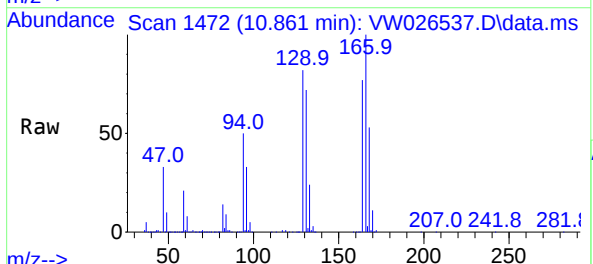
Ion	Ratio	Lower	Upper
97	100		
99	59.3	42.1	78.1
83	87.5	59.9	111.3
85	55.1	39.1	72.7

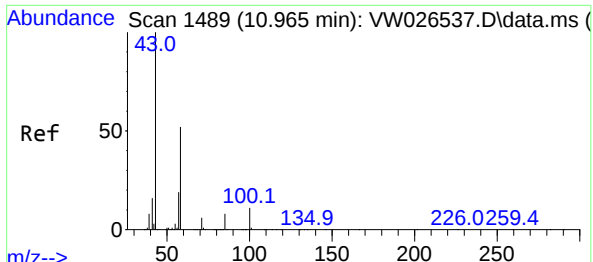


#46
Tetrachloroethene
Concen: 25.623 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 164 Resp: 190354

Ion	Ratio	Lower	Upper
164	100		
129	105.9	73.0	135.6
131	92.7	69.2	128.6
166	129.3	97.8	181.6



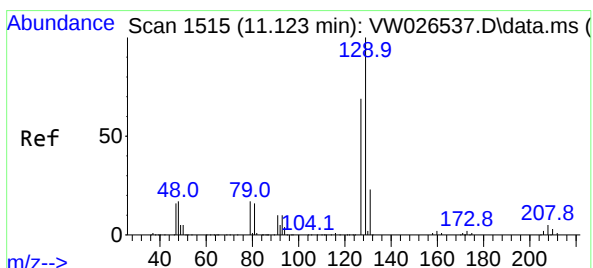
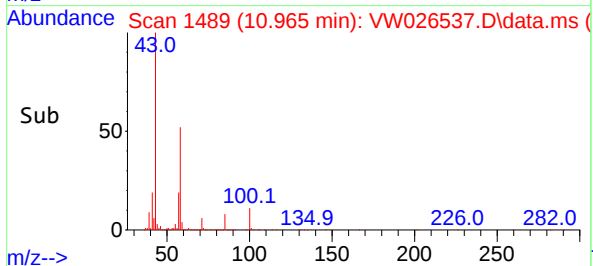
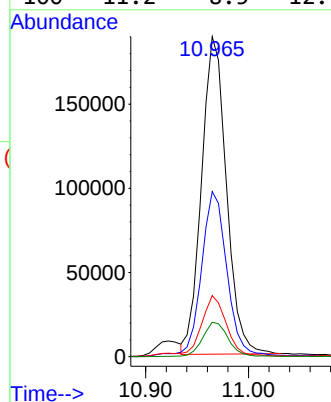
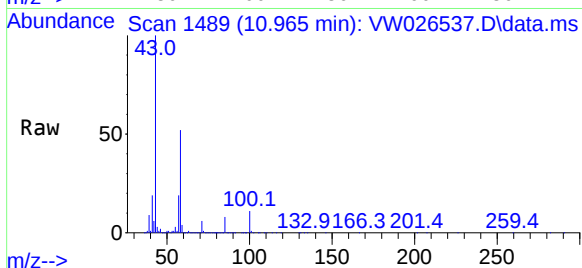


#48
2-Hexanone
Concen: 51.761 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion: 43 Resp: 317610

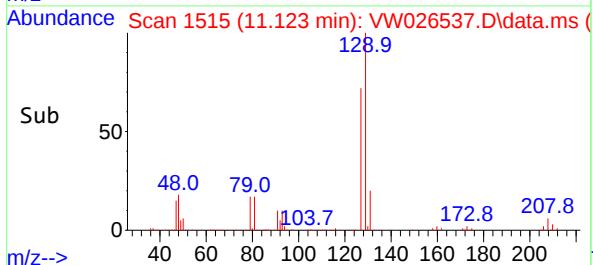
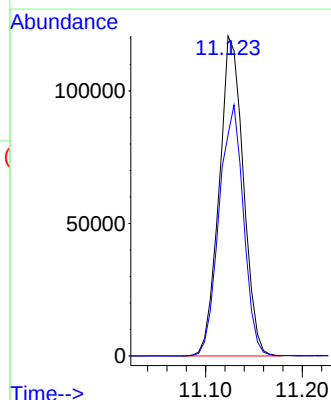
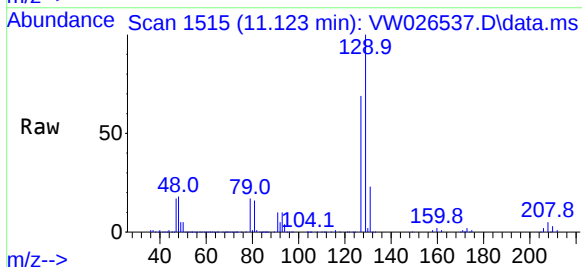
Ion	Ratio	Lower	Upper
43	100		
58	52.9	39.9	59.9
57	19.2	14.1	21.1
100	11.2	8.5	12.7

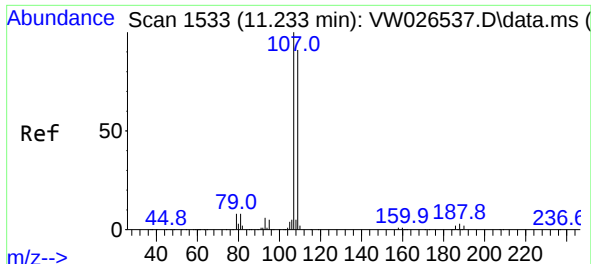


#49
Dibromochloromethane
Concen: 24.952 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 129 Resp: 208983

Ion	Ratio	Lower	Upper
129	100		
127	69.1	50.0	93.0

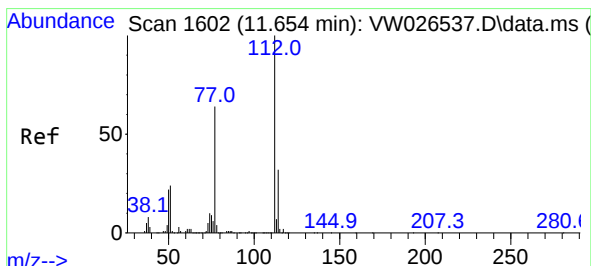
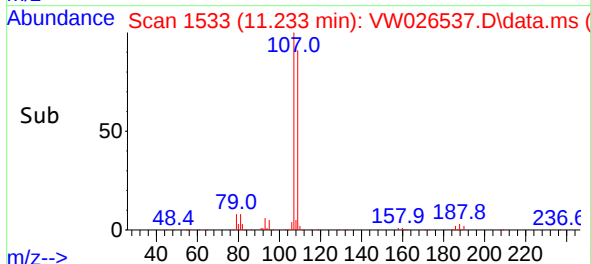
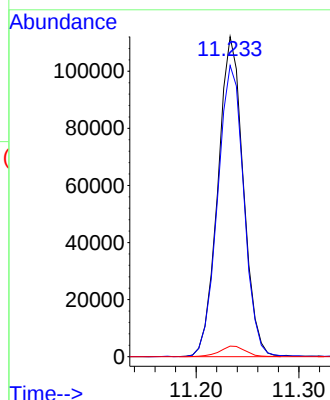
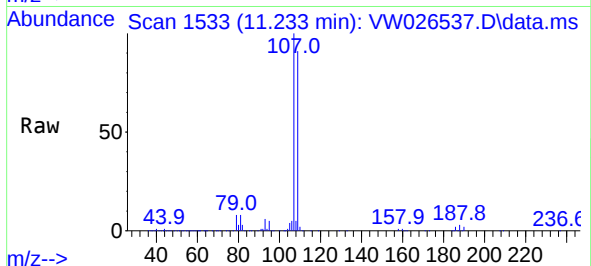




#50
1,2-Dibromoethane
Concen: 25.041 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

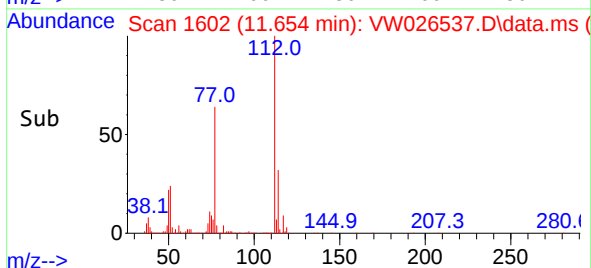
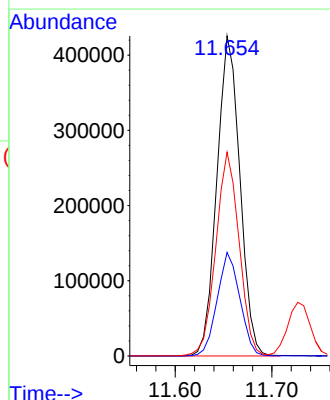
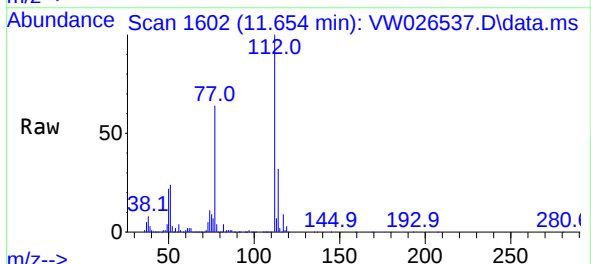
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

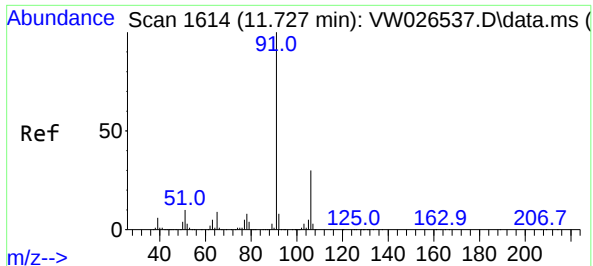
Tgt Ion:107 Resp: 191973
Ion Ratio Lower Upper
107 100
109 91.0 67.7 125.7
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 25.471 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:112 Resp: 703403
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 63.7 53.4 80.2

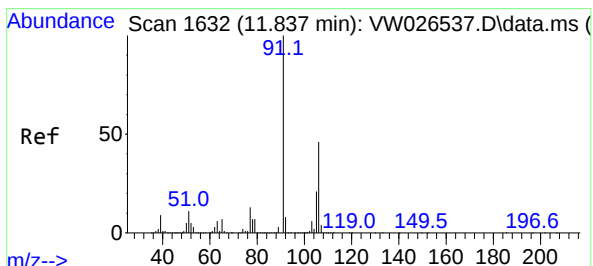
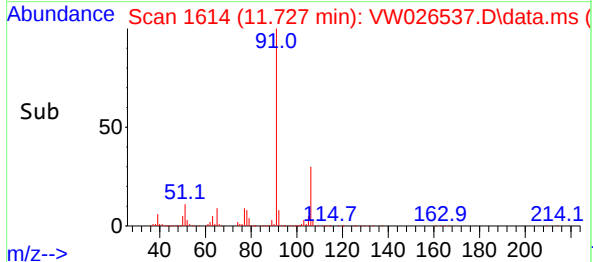
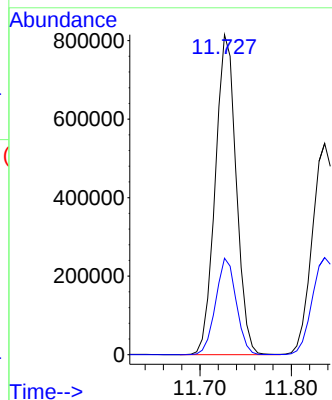
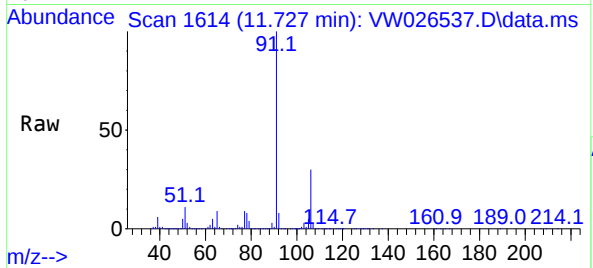




#52
Ethylbenzene
Concen: 26.037 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

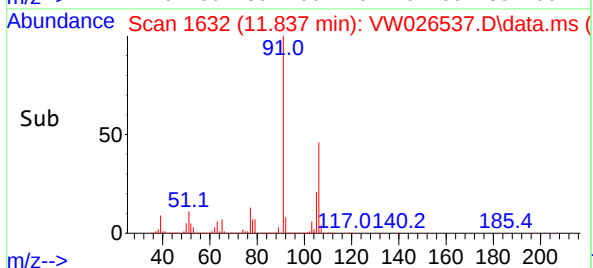
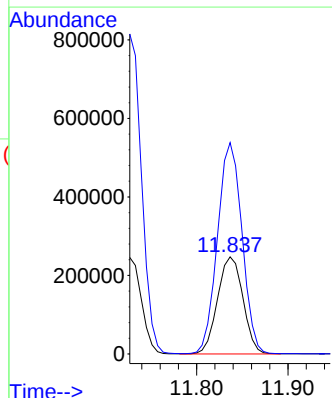
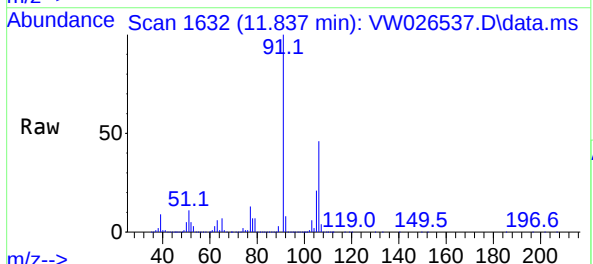
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

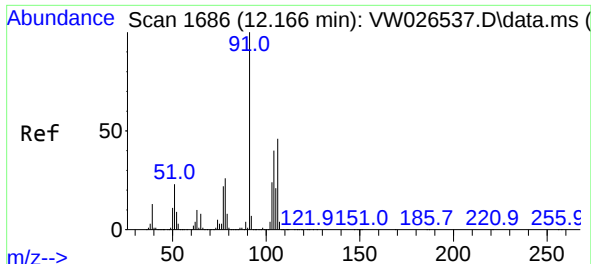
Tgt Ion: 91 Resp: 1299069
Ion Ratio Lower Upper
91 100
106 30.2 20.7 38.5



#53
m,p-Xylene
Concen: 26.178 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:106 Resp: 477570
Ion Ratio Lower Upper
106 100
91 217.6 152.7 283.7

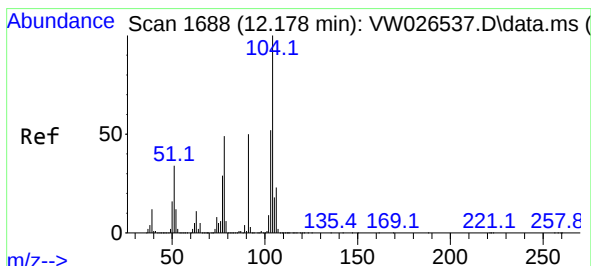
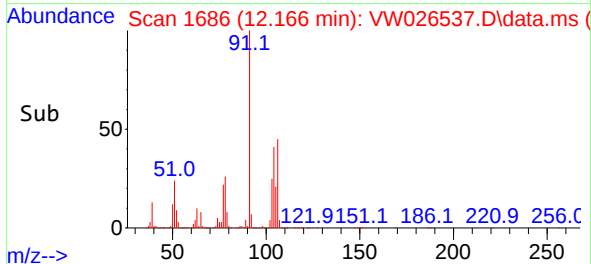
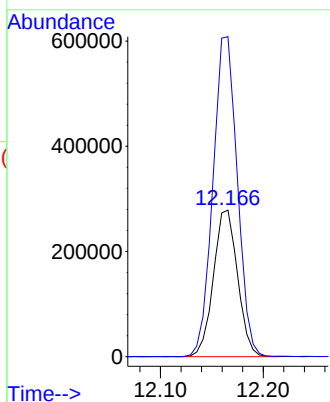
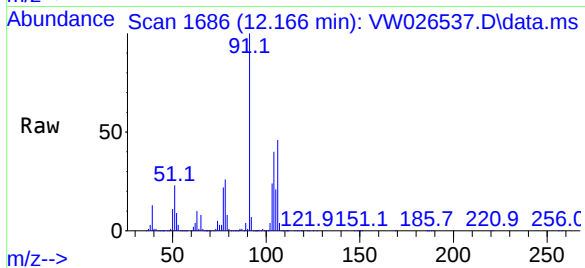




#54
o-Xylene
Concen: 25.713 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

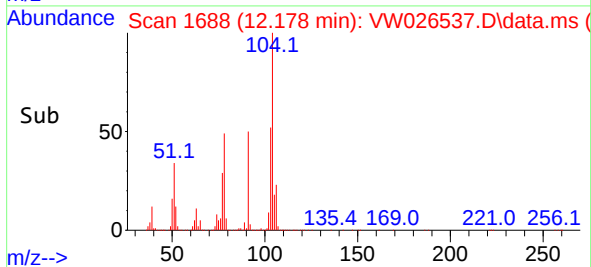
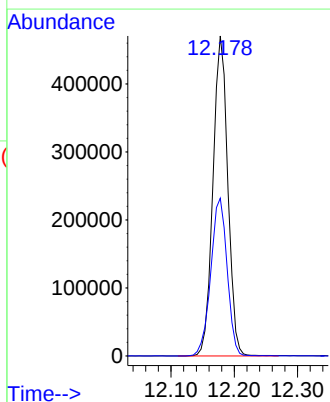
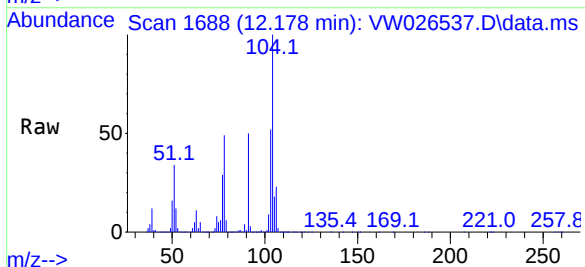
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

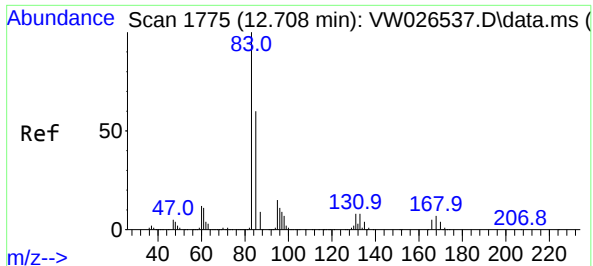
Tgt Ion:106 Resp: 454492
Ion Ratio Lower Upper
106 100
91 218.3 151.8 282.0



#55
Styrene
Concen: 25.329 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:104 Resp: 765611
Ion Ratio Lower Upper
104 100
78 49.3 35.6 66.2



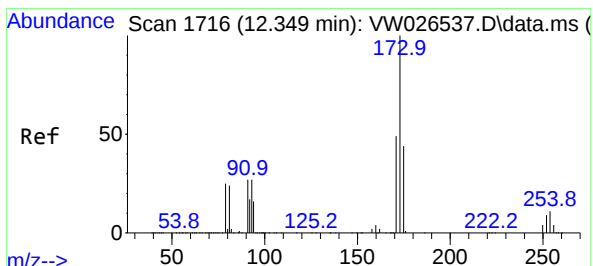
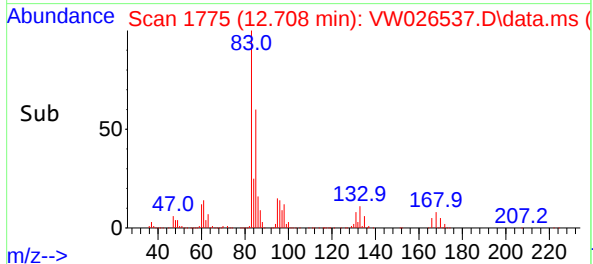
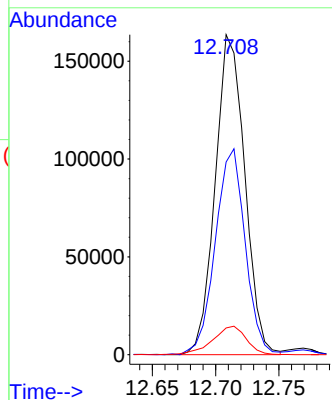
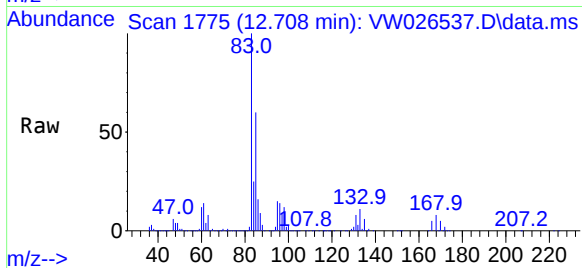


#57
1,1,2,2-Tetrachloroethane
Concen: 24.317 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion: 83 Resp: 266126

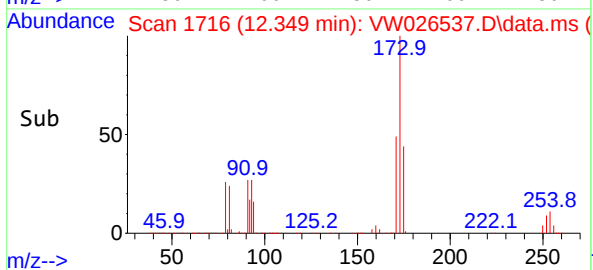
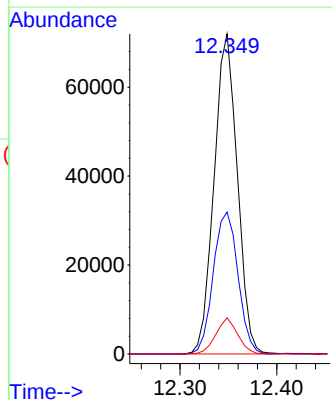
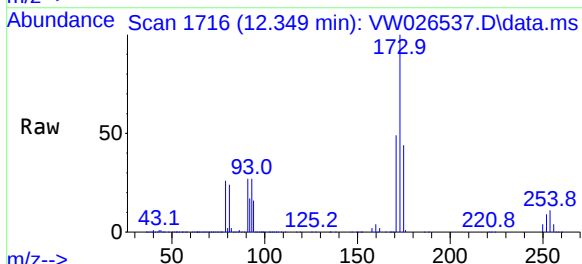
Ion	Ratio	Lower	Upper
83	100		
85	60.2	44.4	82.5
131	8.3	7.2	10.8

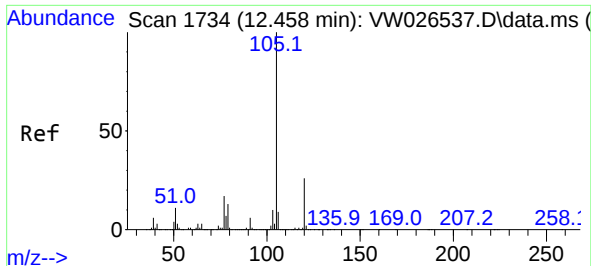


#59
Bromoform
Concen: 24.746 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 173 Resp: 120202

Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.0	58.4
254	10.6	7.0	10.6

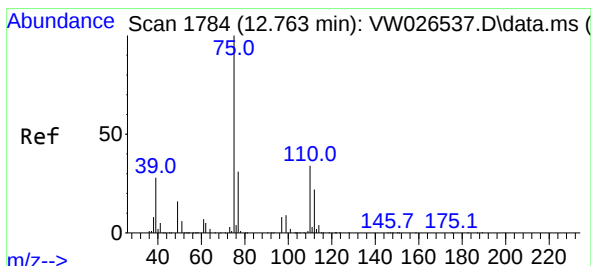
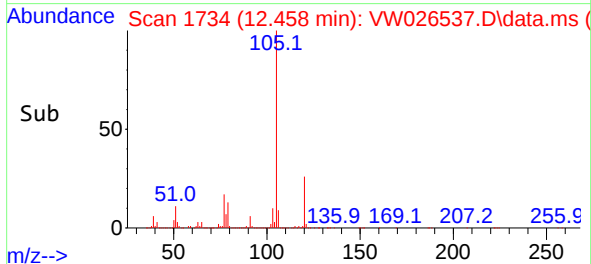
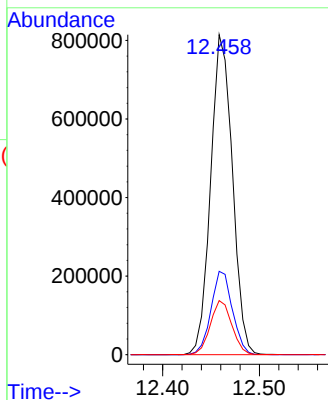
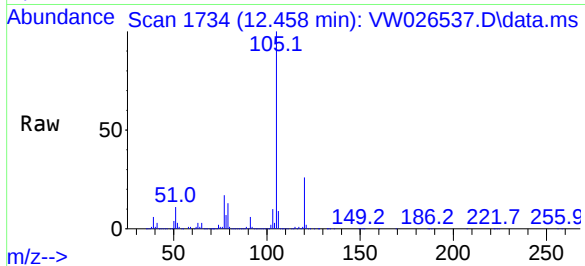




#60
Isopropylbenzene
Concen: 26.759 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

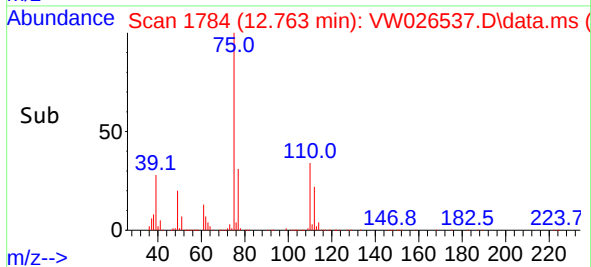
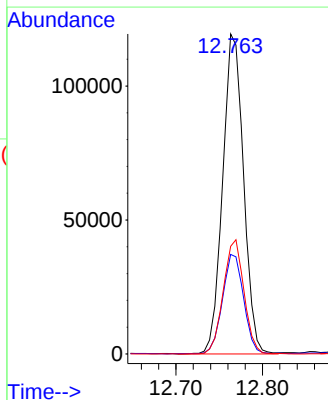
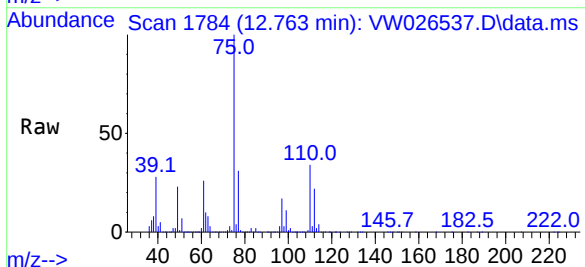
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

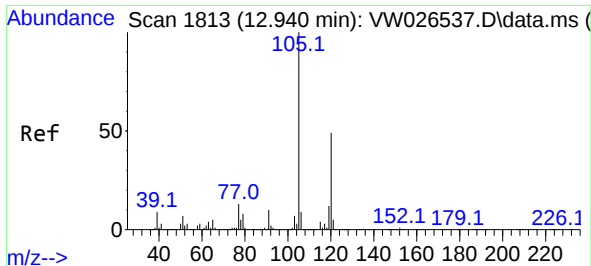
Tgt Ion:105 Resp: 1270862
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 24.810 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 75 Resp: 200155
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
110 35.1 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 26.529 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026537.D

Acq: 06 Jul 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

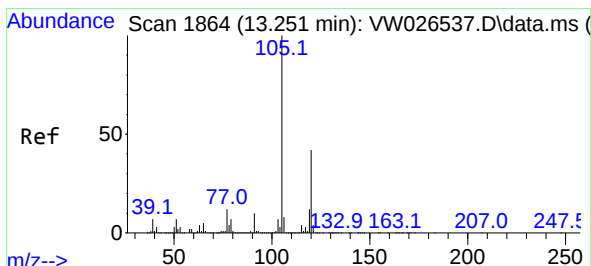
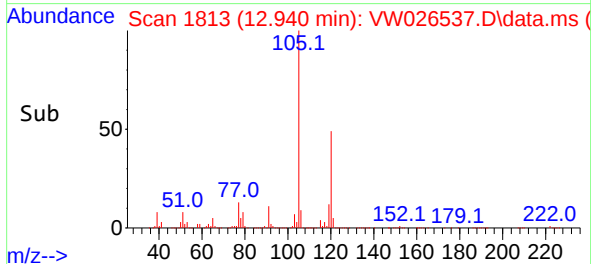
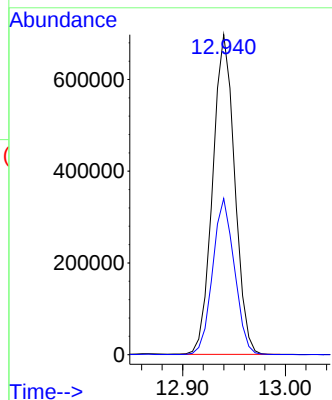
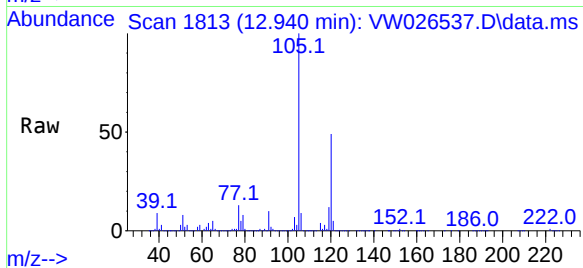
VSTD025550

Tgt Ion:105 Resp: 1038854

Ion Ratio Lower Upper

105 100

120 48.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.310 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026537.D

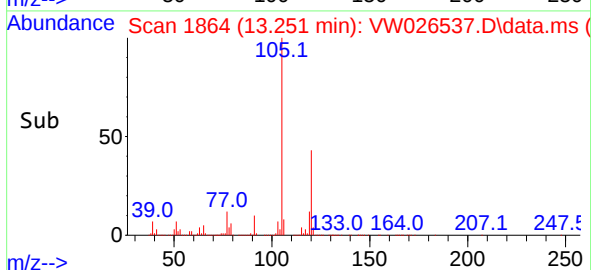
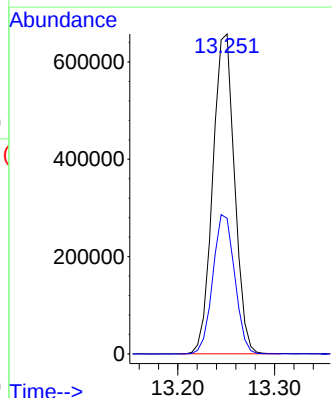
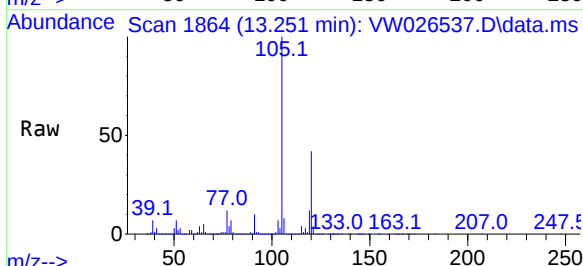
Acq: 06 Jul 2023 09:10

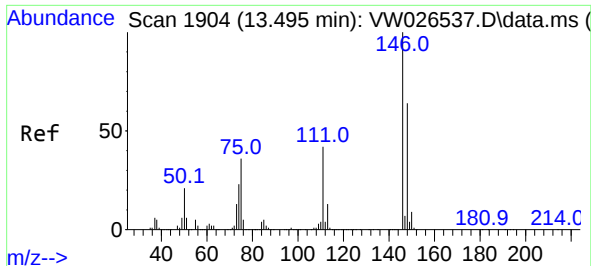
Tgt Ion:105 Resp: 1028737

Ion Ratio Lower Upper

105 100

120 43.8 35.5 53.3

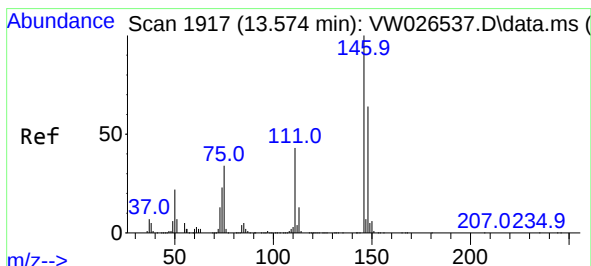
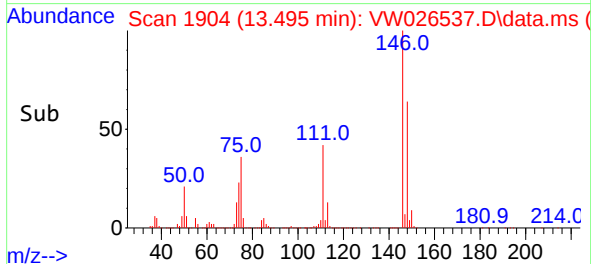
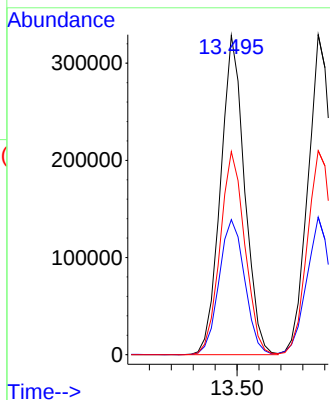
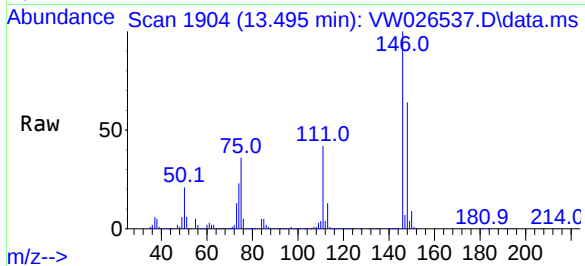




#64
1,3-Dichlorobenzene
Concen: 24.823 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

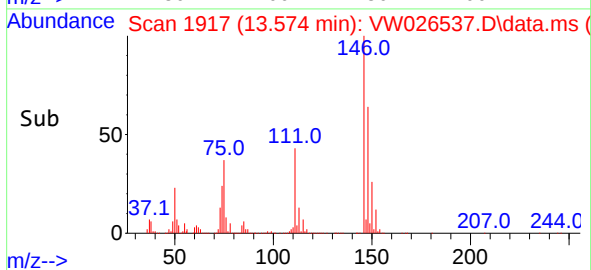
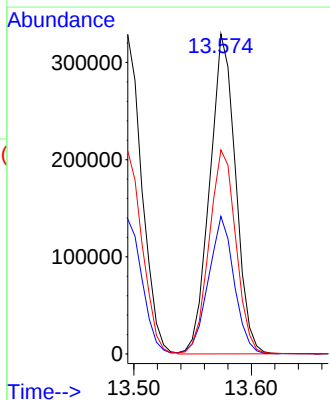
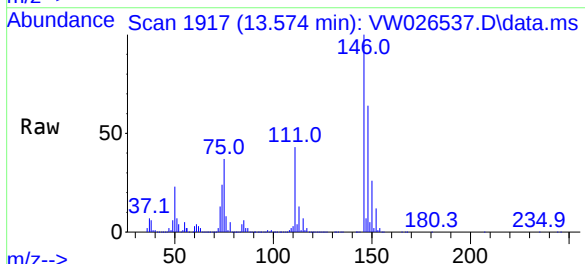
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

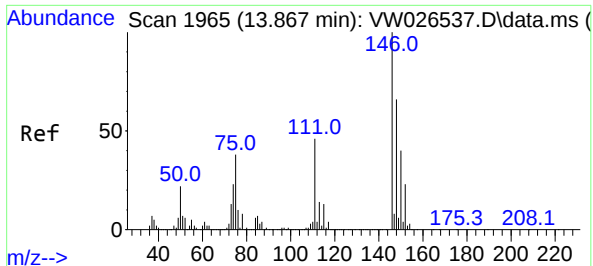
Tgt Ion:146 Resp: 501552
Ion Ratio Lower Upper
146 100
111 42.3 32.7 60.7
148 63.6 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 24.966 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:146 Resp: 502991
Ion Ratio Lower Upper
146 100
111 43.0 30.2 56.0
148 63.7 44.0 81.6



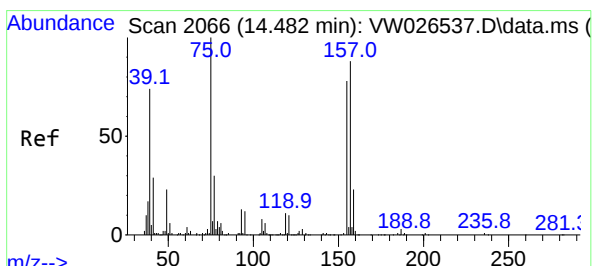
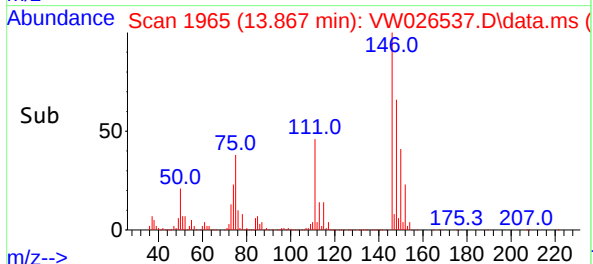
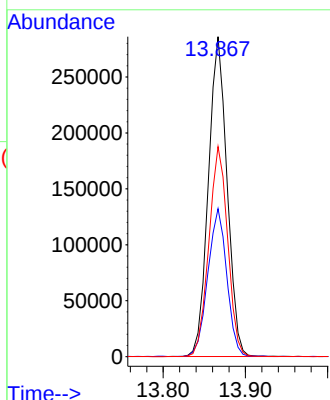
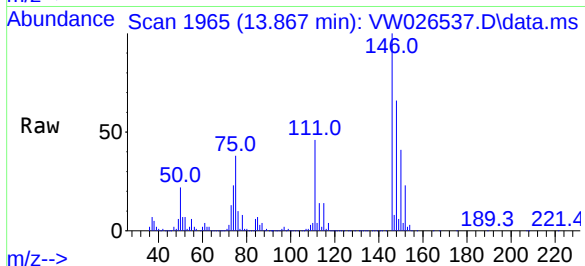


#67
1,2-Dichlorobenzene
Concen: 23.687 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion:146 Resp: 450863

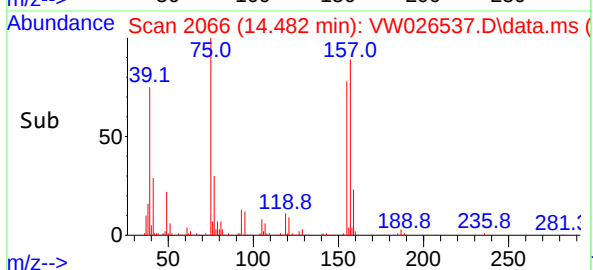
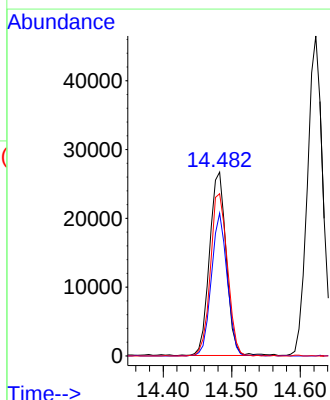
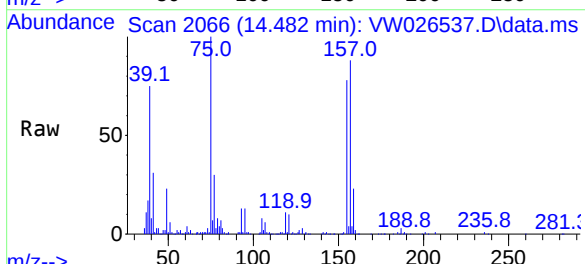
Ion	Ratio	Lower	Upper
146	100		
111	46.3	36.6	55.0
148	65.7	55.1	82.7

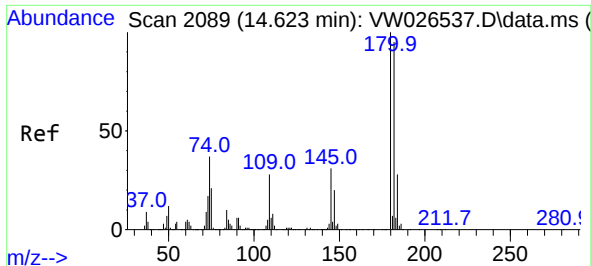


#68
1,2-Dibromo-3-chloropropane
Concen: 22.299 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion: 75 Resp: 45365

Ion	Ratio	Lower	Upper
75	100		
155	77.6	57.3	85.9
157	88.3	76.9	115.3



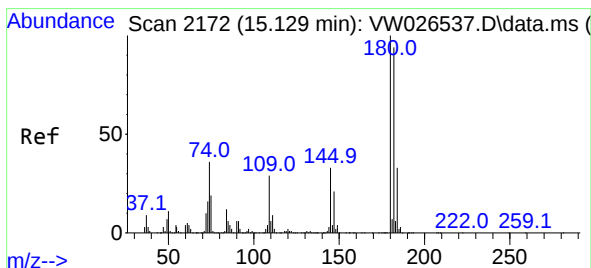
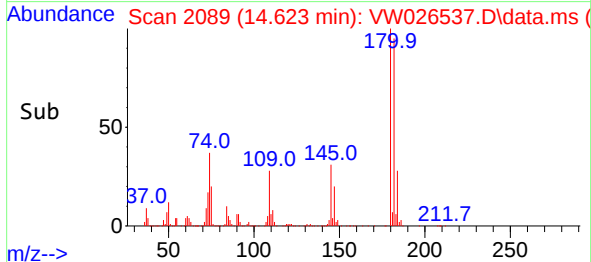
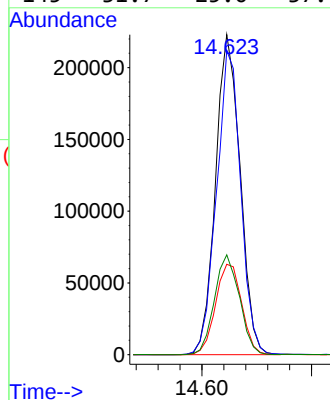
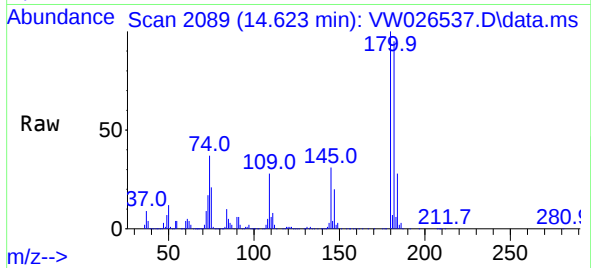


#69
1,3,5-Trichlorobenzene
Concen: 25.828 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.006 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion:180 Resp: 347128

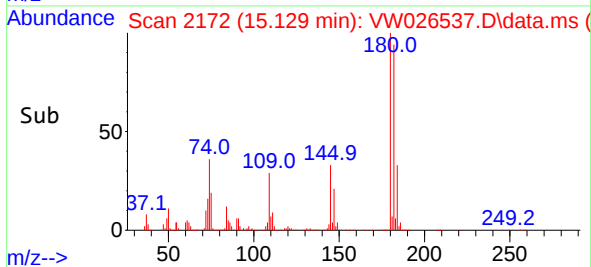
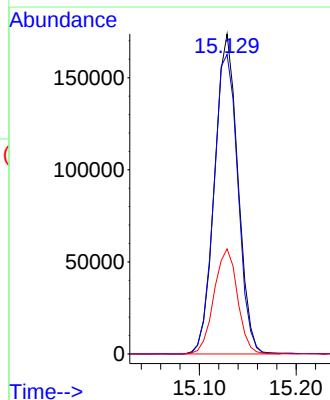
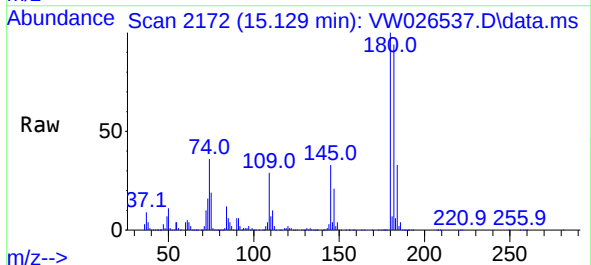
Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
184	30.1	23.8	35.8
145	31.7	25.0	37.4

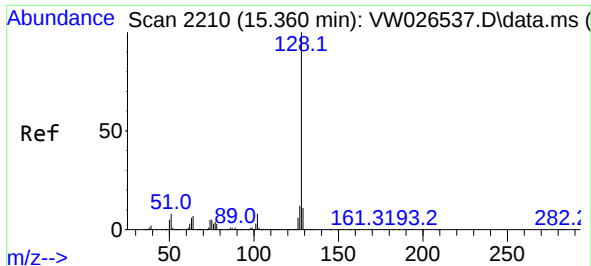


#70
1,2,4-trichlorobenzene
Concen: 26.437 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:180 Resp: 289850

Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.5	111.7
145	33.1	25.9	38.9

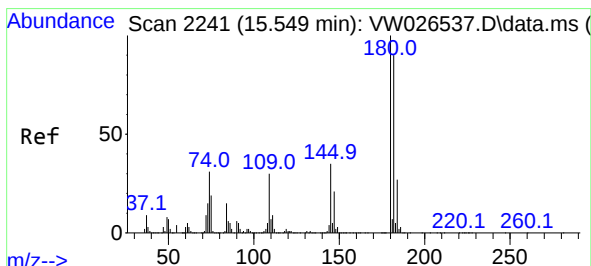
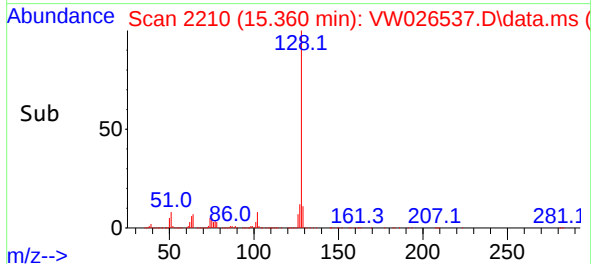
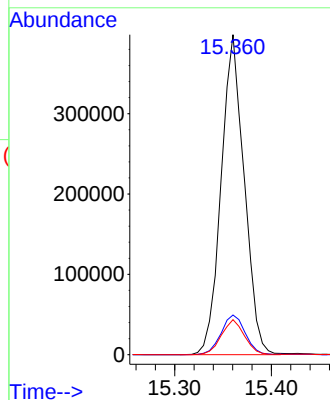
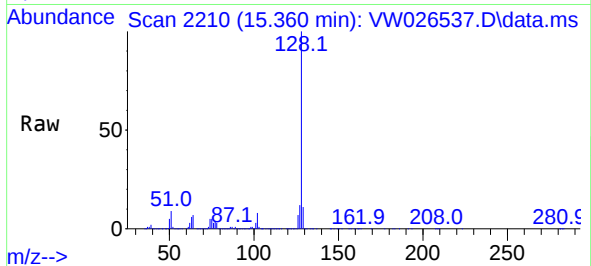




#71
Naphthalene
Concen: 26.857 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Tgt Ion:128 Resp: 658976
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.191 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026537.D
Acq: 06 Jul 2023 09:10

Tgt Ion:180 Resp: 256564
Ion Ratio Lower Upper
180 100
182 94.0 75.3 112.9
145 34.7 29.0 43.6

