

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027249.D
 Acq On : 05 Oct 2023 20:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 06 01:28:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	790358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	784591	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	433154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	259814	20.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.899	69	216890	22.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	4.027	65	104331	20.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.880%
21) 2-Butanone-d5	7.075	46	158021	61.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.120%
24) Chloroform-d	7.648	84	514340	22.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	8.307	65	255878	23.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.320%
32) Benzene-d6	8.276	84	1030518	21.431	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.276	67	328276	22.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.325	98	925551	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	10.575	79	127797	22.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.480%
47) 2-Hexanone-d5	10.922	63	135892	61.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	298011	27.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	318878	21.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	247972	24.146	ug/L	91
3) Chloromethane	2.229	50	387251	27.935	ug/L	98
5) Vinyl chloride	2.381	62	406702	26.871	ug/L	95
6) Bromomethane	2.789	94	258318	25.906	ug/L	93
8) Chloroethane	2.936	64	256008	27.870	ug/L	96
9) Trichlorofluoromethane	3.265	101	288969	22.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	317287	24.791	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	308215	25.207	ug/L	95
13) Acetone	4.118	43	199463	62.879	ug/L	99
14) Carbon disulfide	4.393	76	964870	23.511	ug/L	99
15) Methyl Acetate	4.673	43	175024	32.919	ug/L	98
16) Methylene chloride	4.923	84	417990	27.016	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	339089	25.774	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	471650	28.648	ug/L	99
19) 1,1-Dichloroethane	6.216	63	655497	26.717	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	386797	27.581	ug/L	94
22) 2-Butanone	7.173	43	265144	67.583	ug/L	99
23) Bromochloromethane	7.514	128	169571	26.499	ug/L	96
25) Chloroform	7.679	83	645731	26.985	ug/L	96

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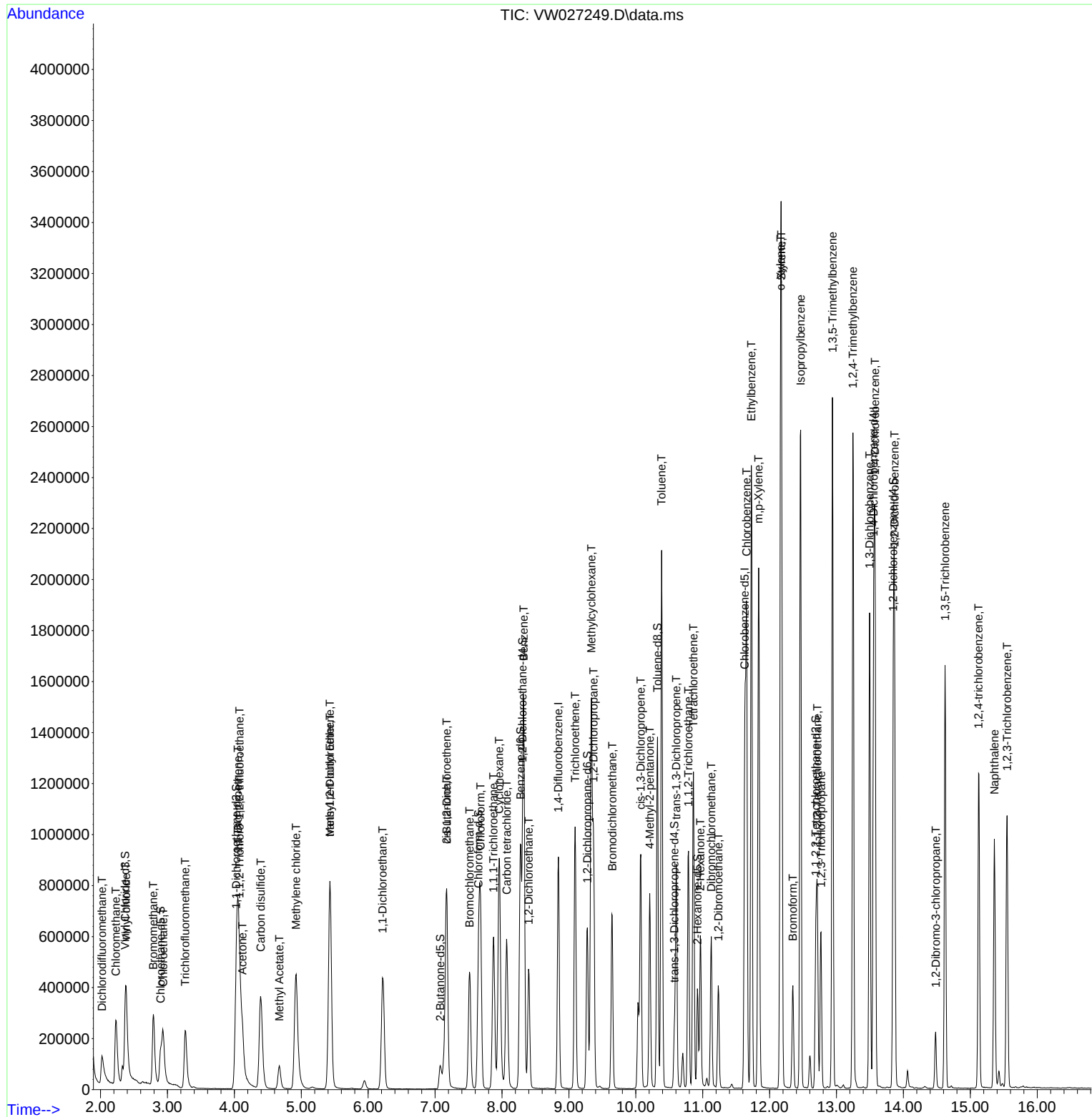
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	410702	28.017	ug/L	98
29) Cyclohexane	7.959	56	548253	26.265	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	491487	25.200	ug/L	98
31) Carbon tetrachloride	8.069	117	453482	24.617	ug/L	99
33) Benzene	8.325	78	1451291	26.171	ug/L	100
34) Trichloroethene	9.093	95	369282	25.501	ug/L	97
35) Methylcyclohexane	9.337	83	626871	25.737	ug/L	97
37) 1,2-Dichloropropane	9.367	63	394126	27.583	ug/L	100
38) Bromodichloromethane	9.648	83	464981	27.095	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	576755	27.395	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	491593	70.916	ug/L	98
42) Toluene	10.386	91	1529135	26.851	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	488376	28.304	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	302052	29.211	ug/L	95
46) Tetrachloroethene	10.861	164	277645	24.390	ug/L	86
48) 2-Hexanone	10.965	43	370520	68.180	ug/L	98
49) Dibromochloromethane	11.129	129	310502	27.688	ug/L	94
50) 1,2-Dibromoethane	11.233	107	275889	28.753	ug/L	96
51) Chlorobenzene	11.654	112	974356	25.783	ug/L	95
52) Ethylbenzene	11.727	91	1717689	26.848	ug/L	100
53) m,p-Xylene	11.837	106	652767	26.609	ug/L	97
54) o-Xylene	12.166	106	620471	27.075	ug/L	97
55) Styrene	12.178	104	1112824	28.210	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	382815	30.865	ug/L	98
59) Bromoform	12.349	173	183277	26.795	ug/L	92
60) Isopropylbenzene	12.464	105	1693231	26.547	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	271371	30.601	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1382152	27.639	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1356600	27.682	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	772494	26.241	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	795955	26.912	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	661128	25.622	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	59446	31.295	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	511261	26.971	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	405396	27.107	ug/L	97
71) Naphthalene	15.360	128	819052	31.040	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	384743	28.981	ug/L	97

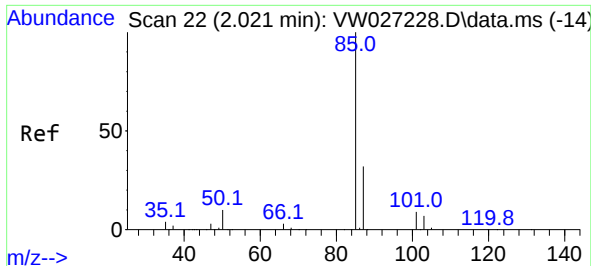
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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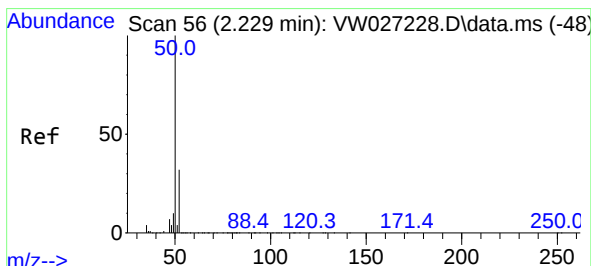
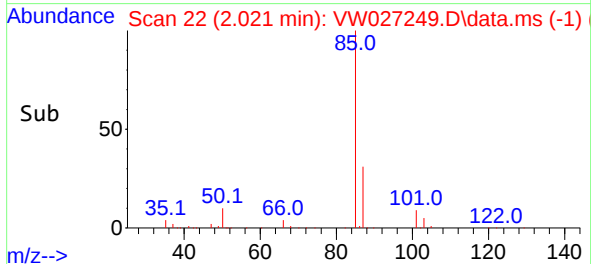
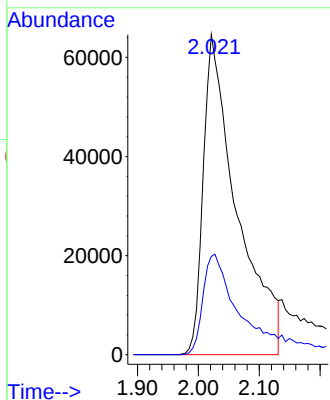
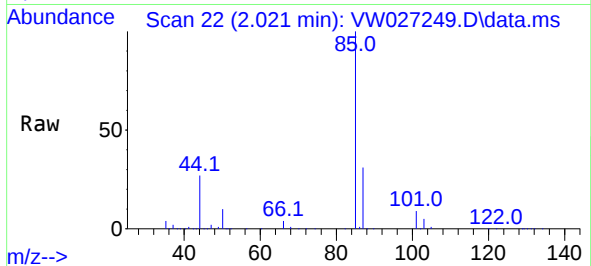




#2
 Dichlorodifluoromethane
 Concen: 24.146 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027249.D
 Acq: 05 Oct 2023 20:30

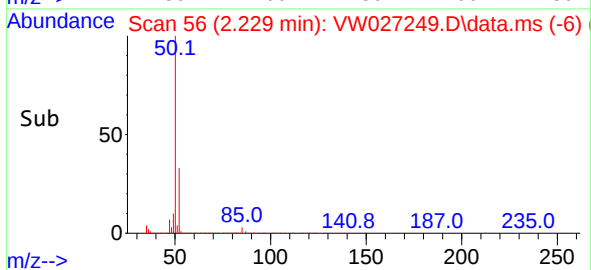
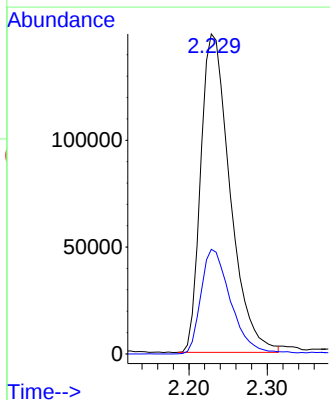
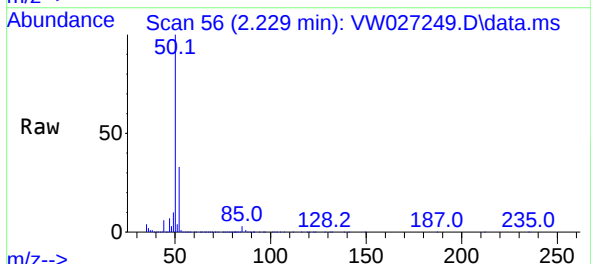
Instrument :
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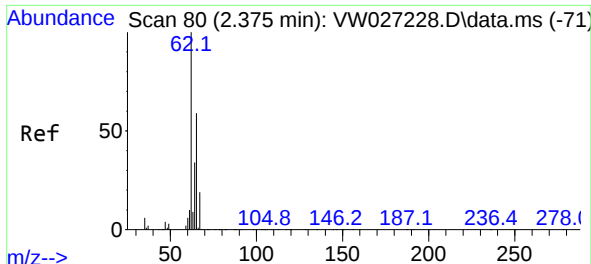
Tgt Ion: 85 Resp: 247972
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.1 33.1



#3
 Chloromethane
 Concen: 27.935 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027249.D
 Acq: 05 Oct 2023 20:30

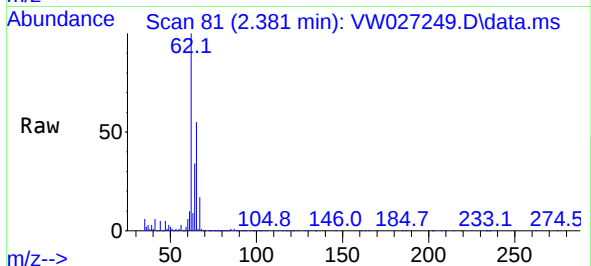
Tgt Ion: 50 Resp: 387251
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.5 43.7



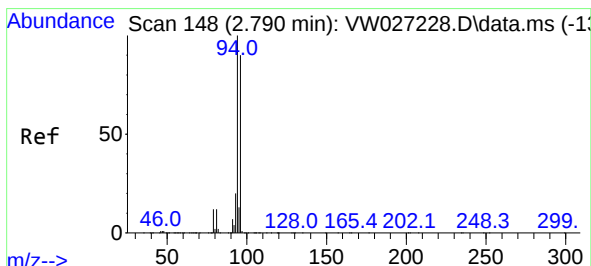
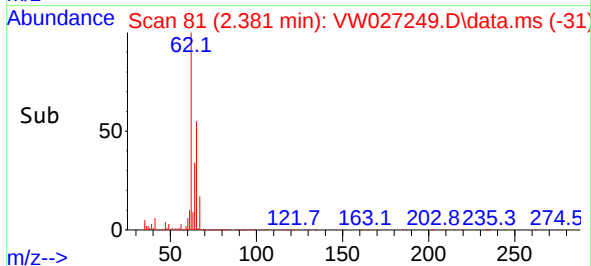
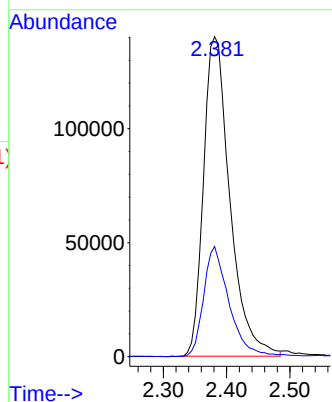


#5
Vinyl chloride
Concen: 26.871 ug/L
RT: 2.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

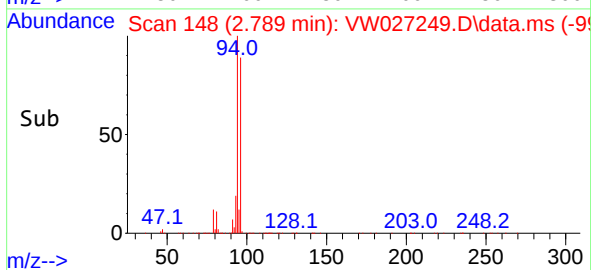
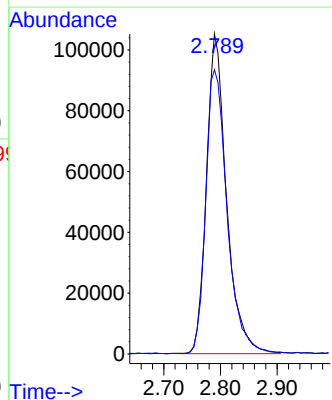
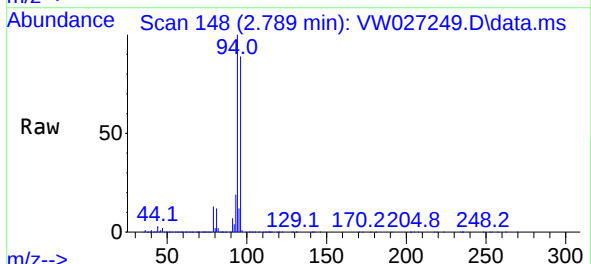


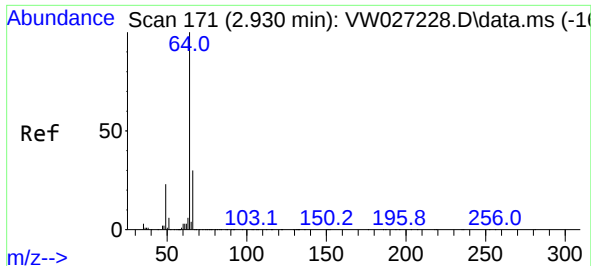
Tgt Ion: 62 Resp: 406702
Ion Ratio Lower Upper
62 100
64 34.4 22.2 41.2



#6
Bromomethane
Concen: 25.906 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 94 Resp: 258318
Ion Ratio Lower Upper
94 100
96 88.8 66.8 124.0

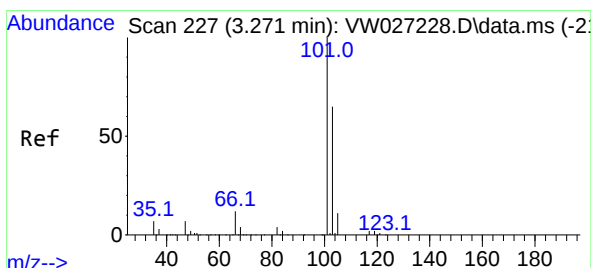
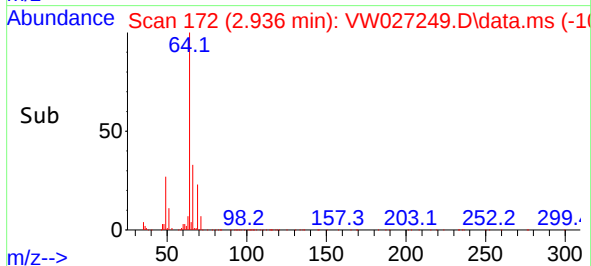
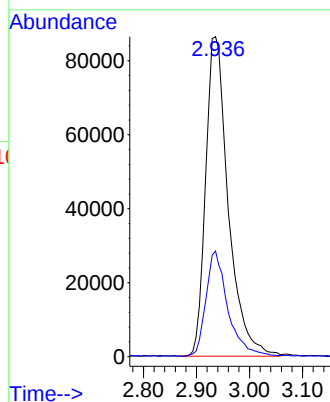
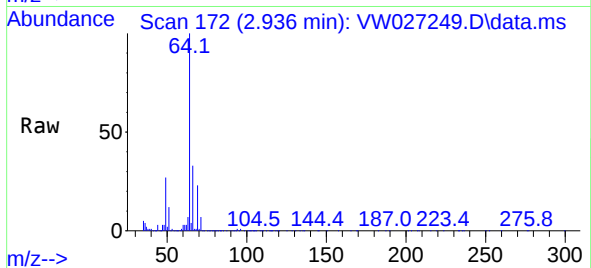




#8
Chloroethane
Concen: 27.870 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

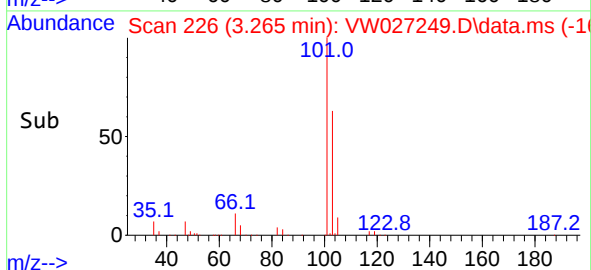
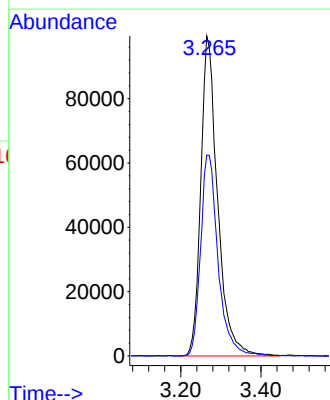
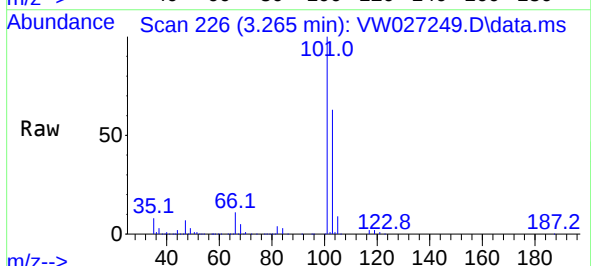
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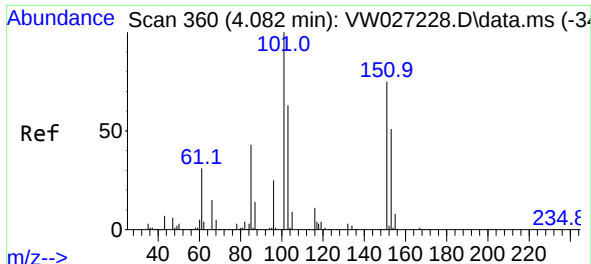
Tgt Ion: 64 Resp: 256008
Ion Ratio Lower Upper
64 100
66 33.0 21.5 39.9



#9
Trichlorofluoromethane
Concen: 22.717 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion:101 Resp: 288969
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

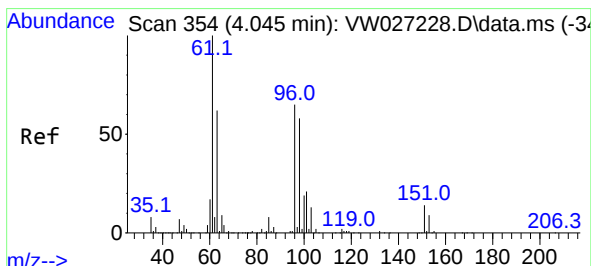
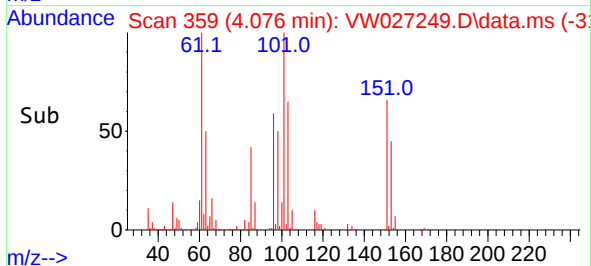
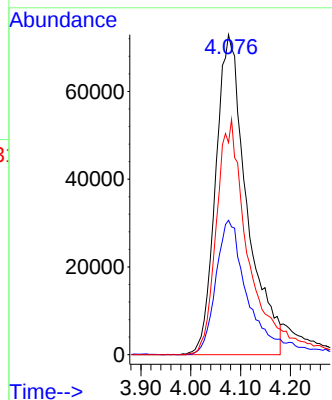
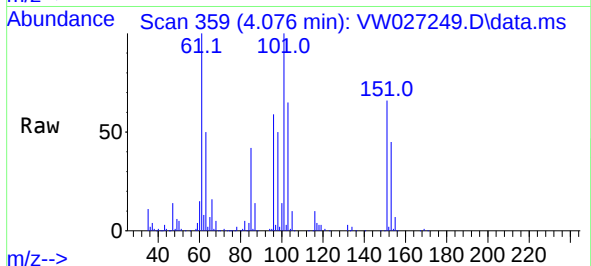




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.791 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027249.D
 Acq: 05 Oct 2023 20:30

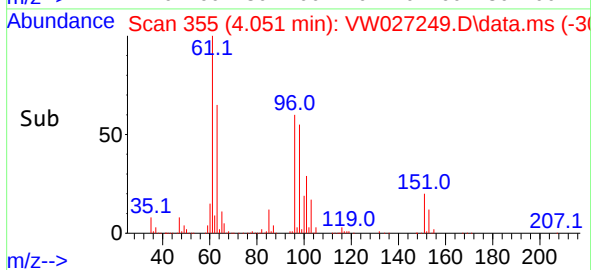
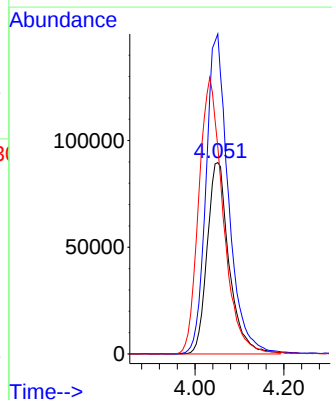
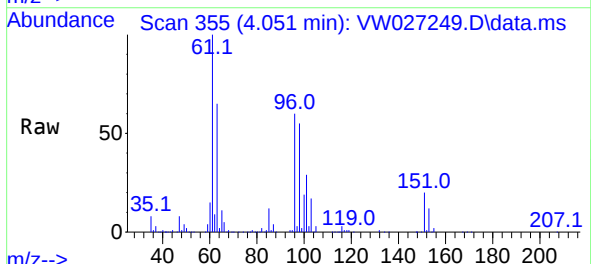
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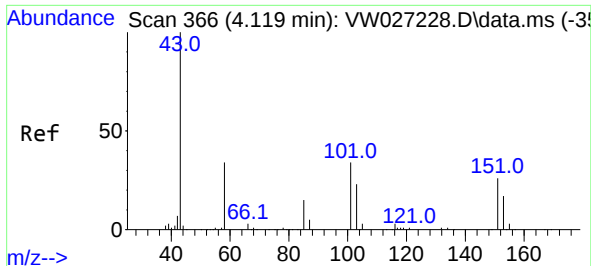
Tgt Ion:101 Resp: 317287
 Ion Ratio Lower Upper
 101 100
 85 41.0 33.1 49.7
 151 30.8 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 25.207 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027249.D
 Acq: 05 Oct 2023 20:30

Tgt Ion: 96 Resp: 308215
 Ion Ratio Lower Upper
 96 100
 61 167.2 109.8 204.0
 63 108.3 76.9 142.7

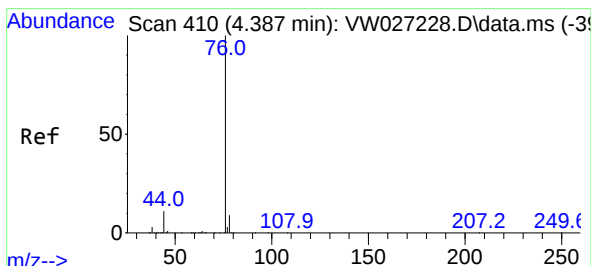
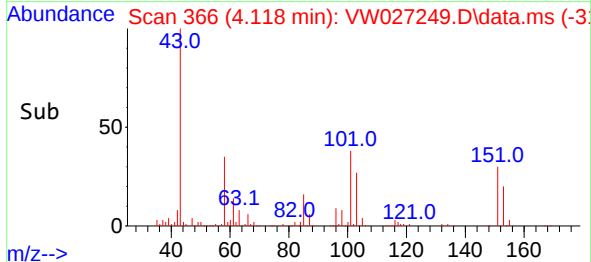
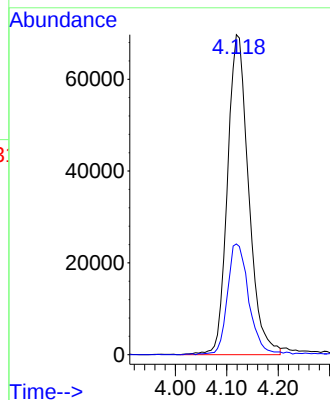
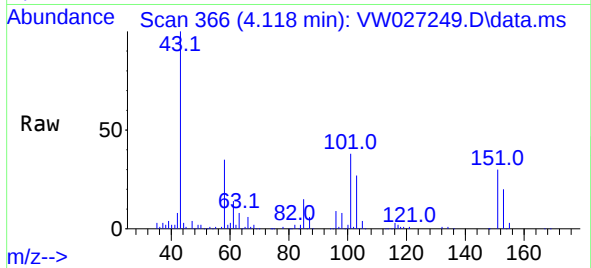




#13
Acetone
Concen: 62.879 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW027249.D
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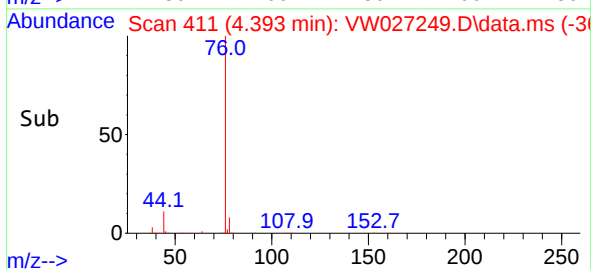
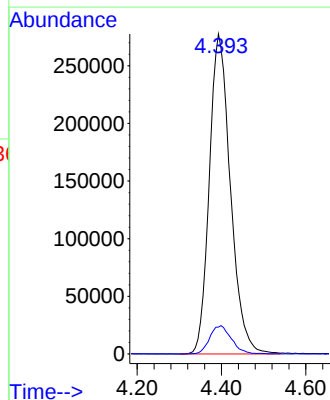
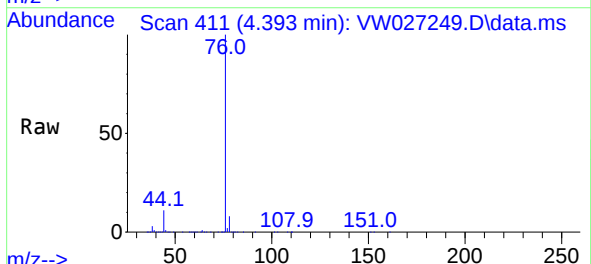
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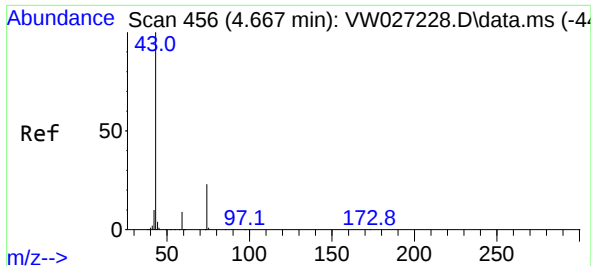
Tgt Ion: 43 Resp: 199463
Ion Ratio Lower Upper
43 100
58 34.4 0.0 70.4



#14
Carbon disulfide
Concen: 23.511 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 76 Resp: 964870
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

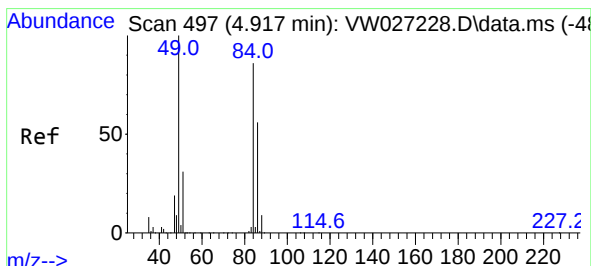
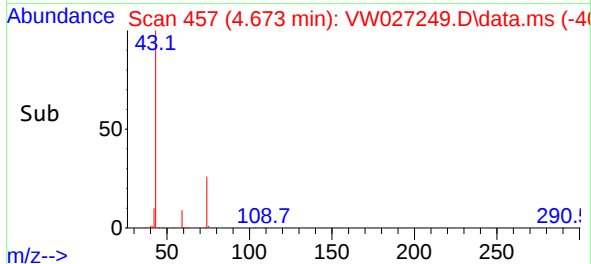
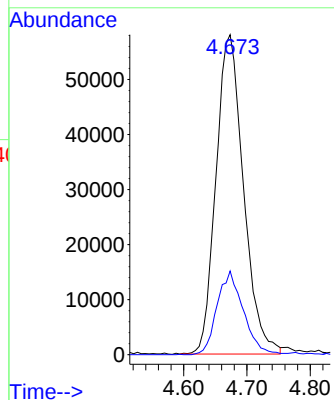
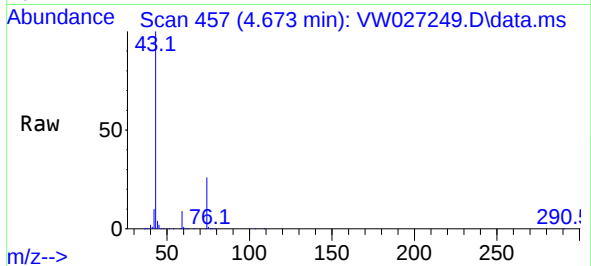




#15
Methyl Acetate
Concen: 32.919 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

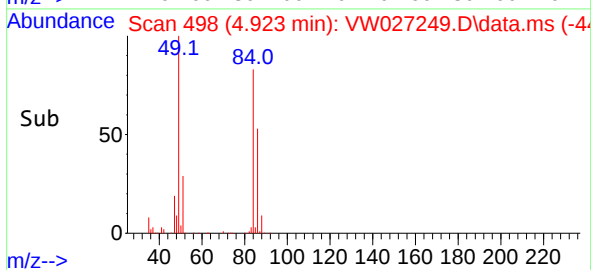
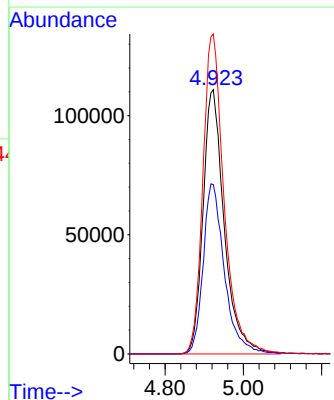
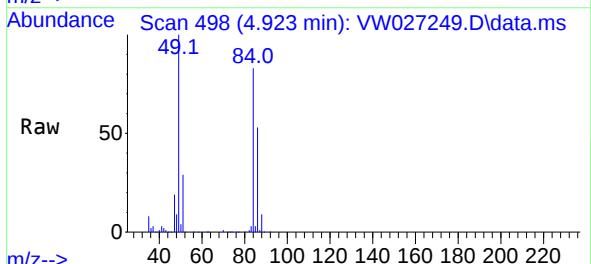
Instrument :
MSVOA_W
ClientSampleId :

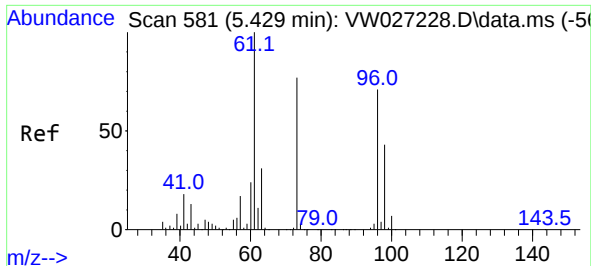
Tgt Ion: 43 Resp: 175024
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2



#16
Methylene chloride
Concen: 27.016 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 84 Resp: 417990
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.9
49 121.1 80.9 150.3

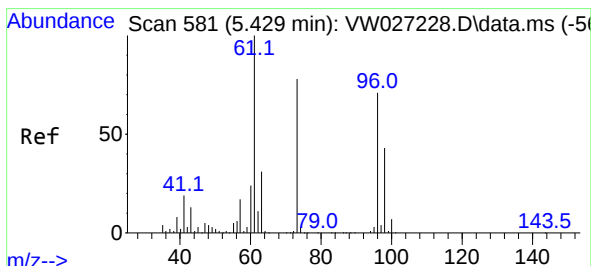
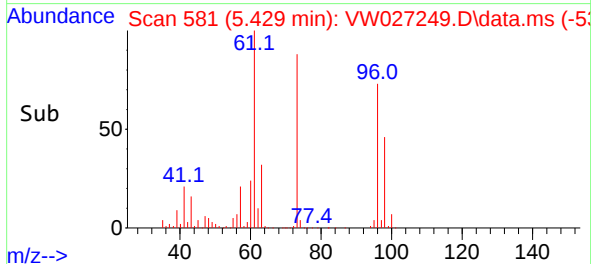
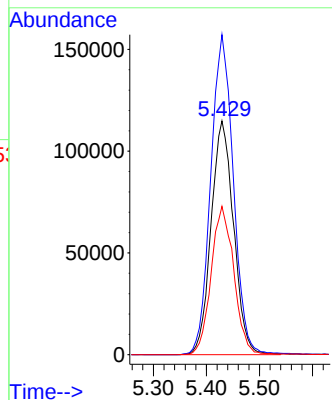
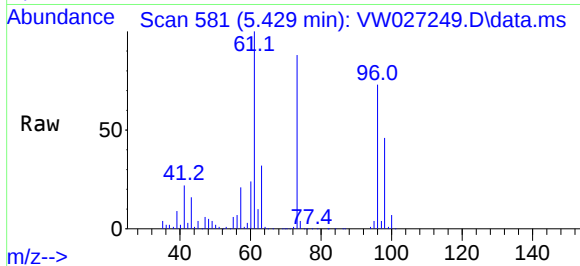




#17
trans-1,2-Dichloroethene
Concen: 25.774 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

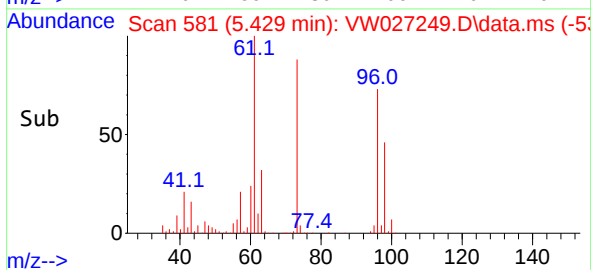
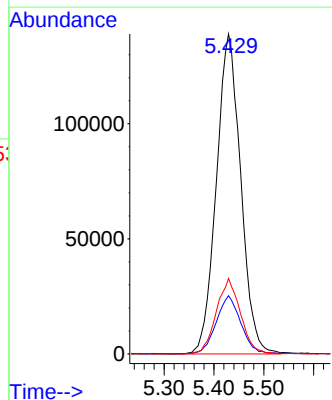
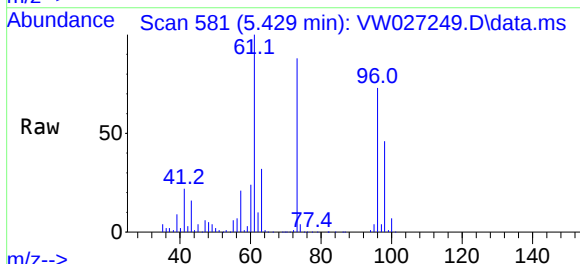
Instrument :
MSVOA_W
ClientSampleId :

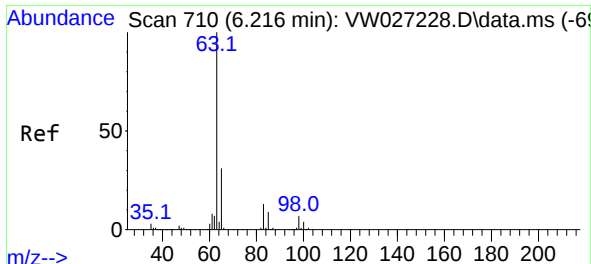
Tgt Ion: 96 Resp: 339089
Ion Ratio Lower Upper
96 100
61 136.9 93.5 173.7
98 63.5 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 28.648 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 73 Resp: 471650
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.2
57 23.2 18.3 27.5





#19

1,1-Dichloroethane

Concen: 26.717 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

Instrument :

MSVOA_W

ClientSampleId :

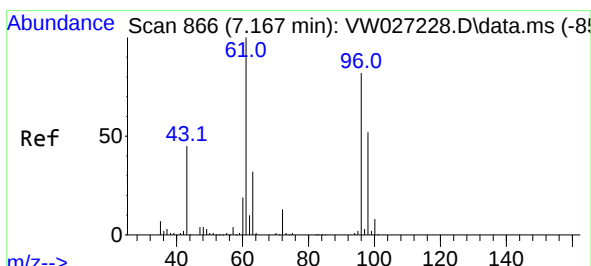
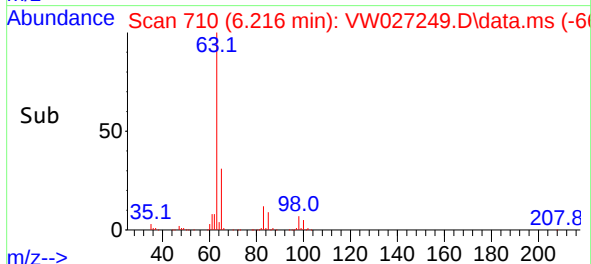
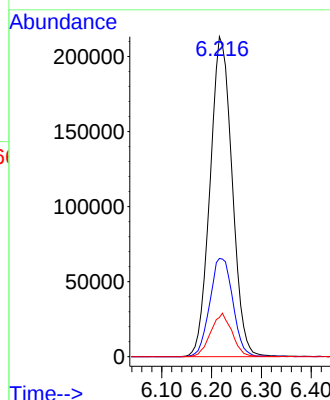
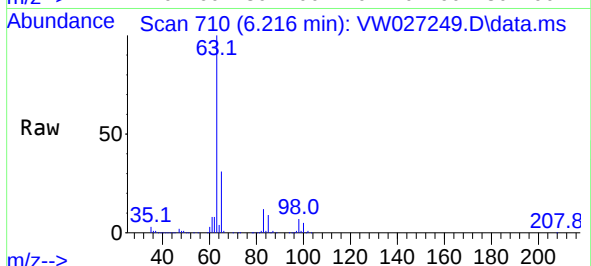
Tgt Ion: 63 Resp: 655497

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.9

83 12.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 27.581 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

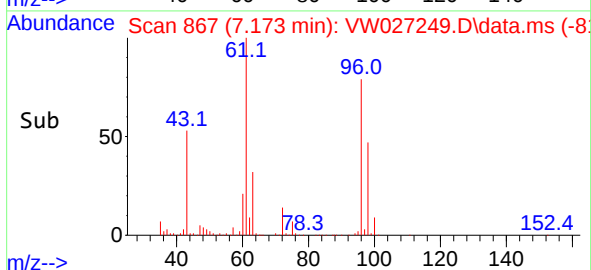
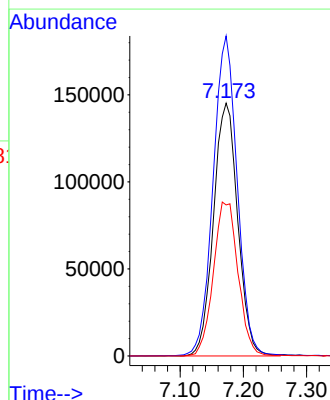
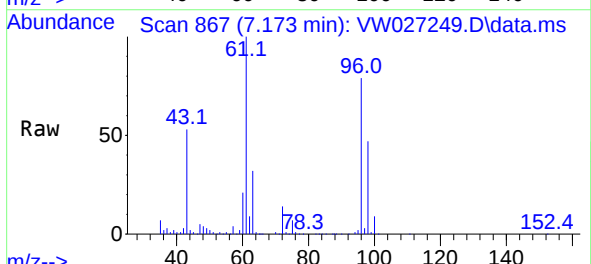
Tgt Ion: 96 Resp: 386797

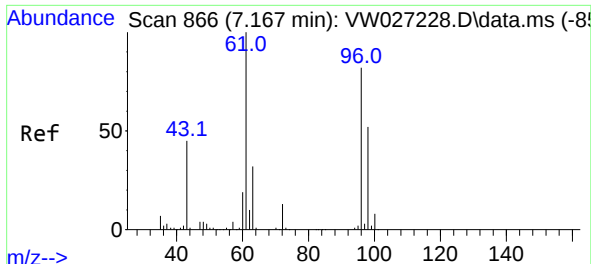
Ion Ratio Lower Upper

96 100

61 126.6 82.7 153.5

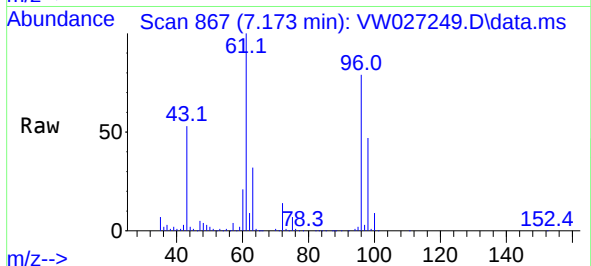
98 59.8 43.0 80.0



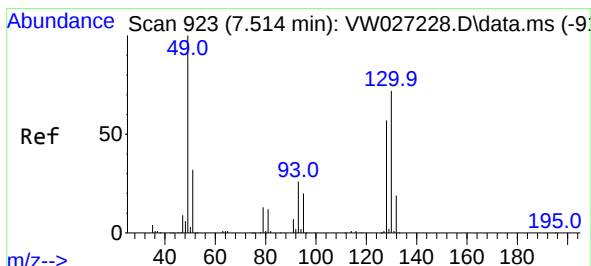
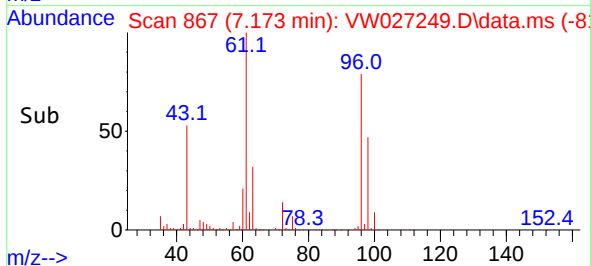
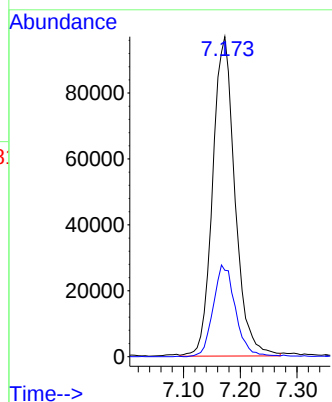


#22
2-Butanone
Concen: 67.583 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

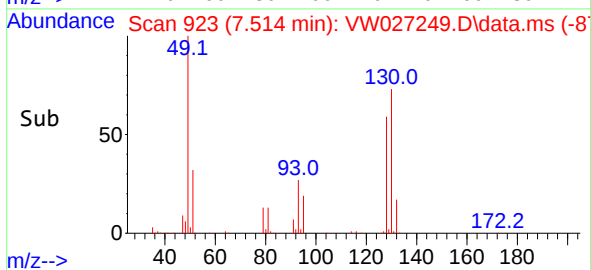
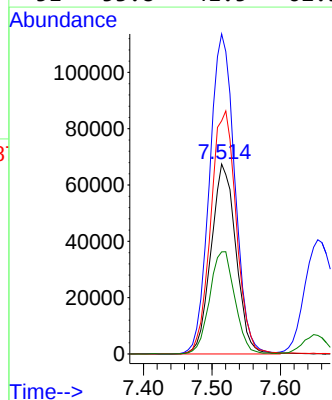
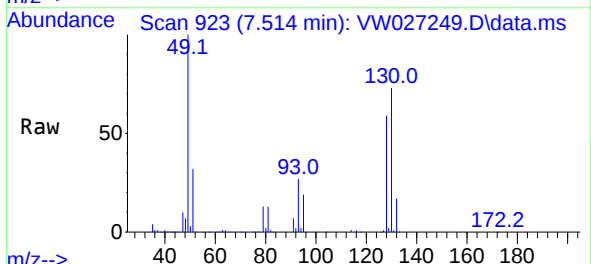


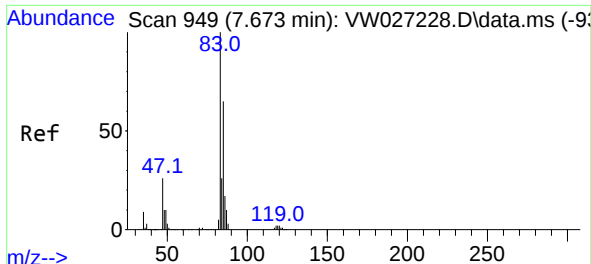
Tgt Ion: 43 Resp: 265144
Ion Ratio Lower Upper
43 100
72 28.7 14.6 44.0



#23
Bromochloromethane
Concen: 26.499 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

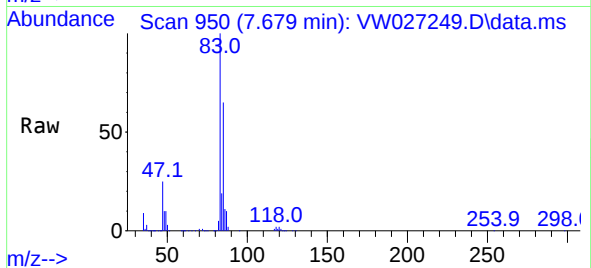
Tgt Ion:128 Resp: 169571
Ion Ratio Lower Upper
128 100
49 168.5 112.1 208.1
130 122.8 83.9 155.7
51 53.8 41.5 62.3



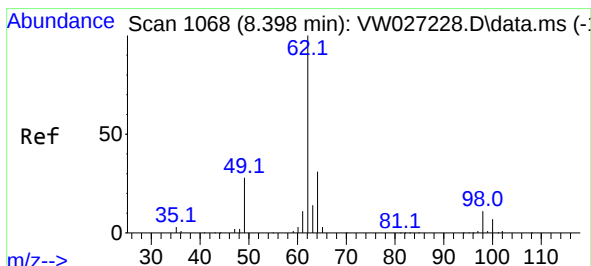
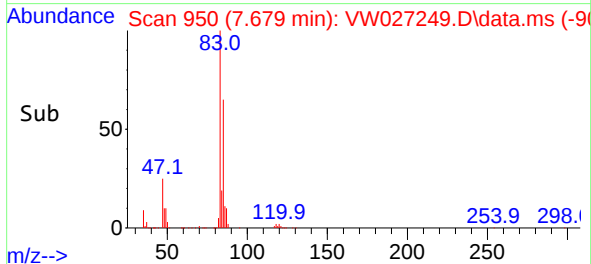
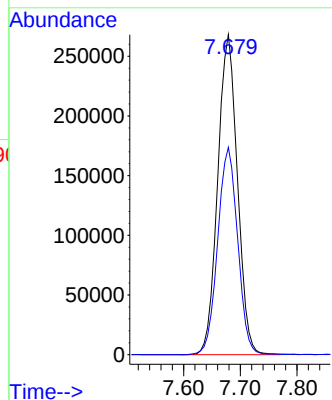


#25
Chloroform
Concen: 26.985 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

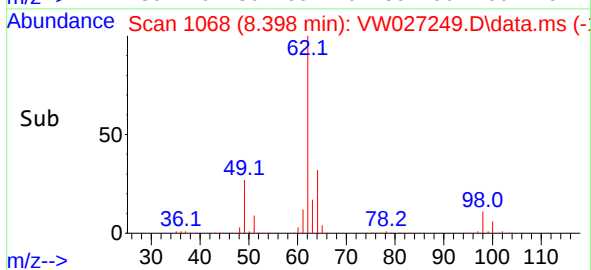
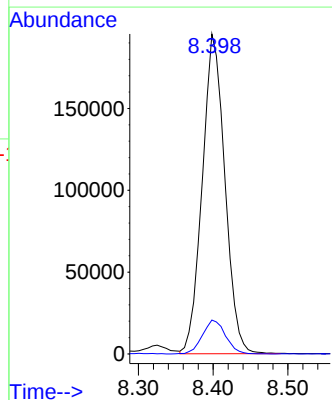
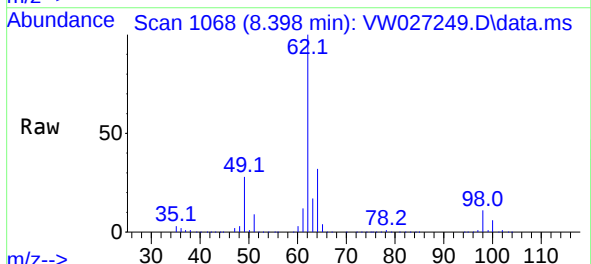


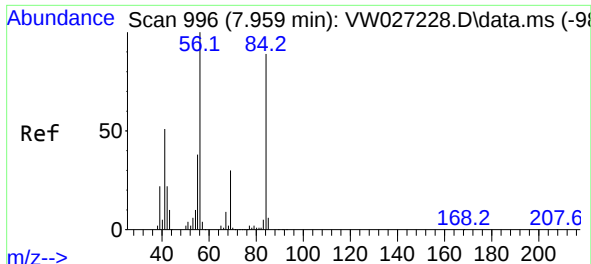
Tgt Ion: 83 Resp: 645731
Ion Ratio Lower Upper
83 100
85 64.8 47.7 88.5



#27
1,2-Dichloroethane
Concen: 28.017 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

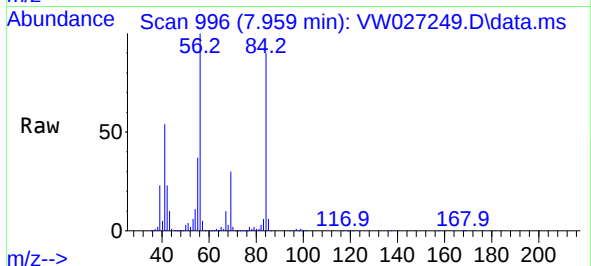
Tgt Ion: 62 Resp: 410702
Ion Ratio Lower Upper
62 100
98 10.6 7.9 11.9



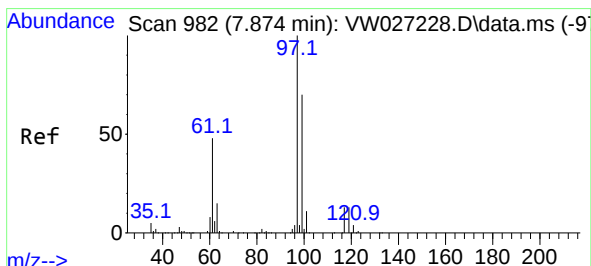
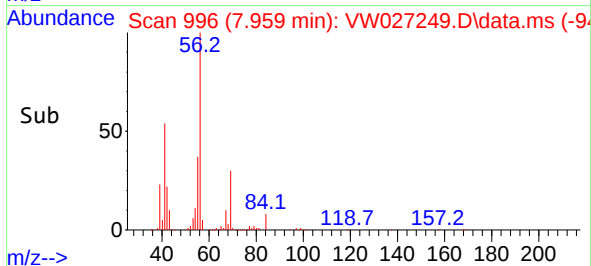
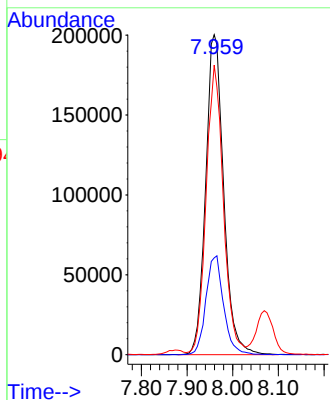


#29
Cyclohexane
Concen: 26.265 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

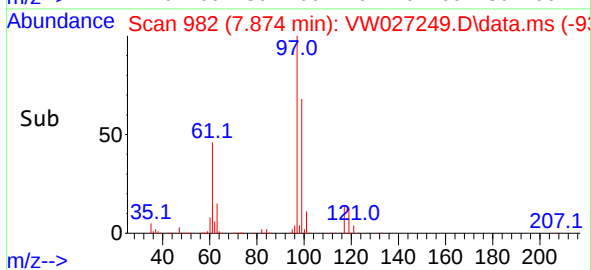
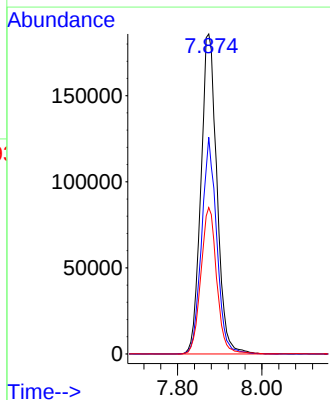
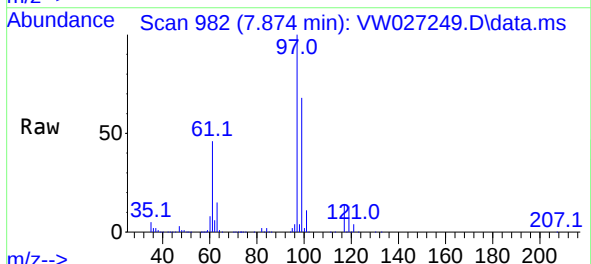


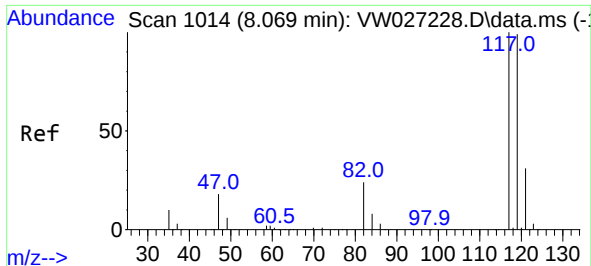
Tgt Ion: 56 Resp: 548253
Ion Ratio Lower Upper
56 100
69 30.3 25.0 37.4
84 86.8 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 25.200 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 97 Resp: 491487
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 45.2 34.6 52.0

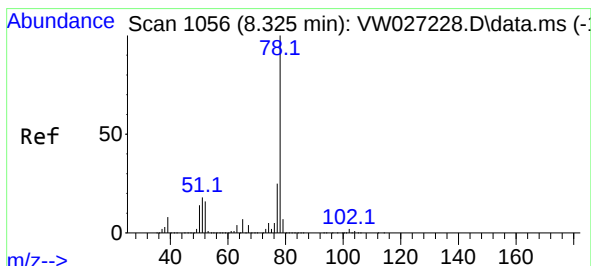
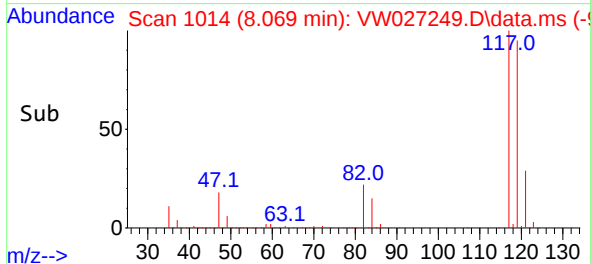
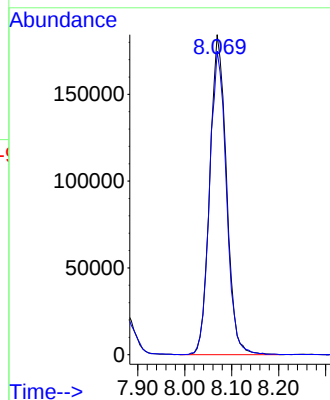
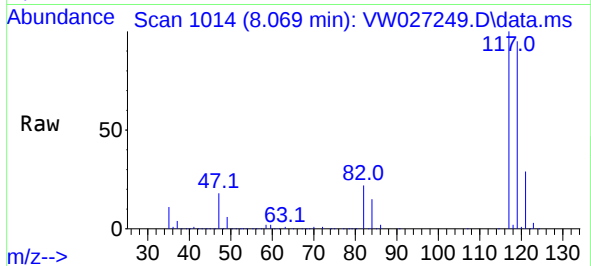




#31
Carbon tetrachloride
Concen: 24.617 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

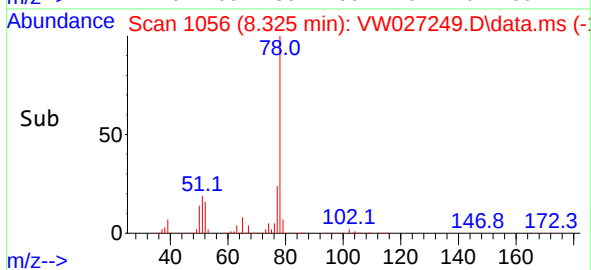
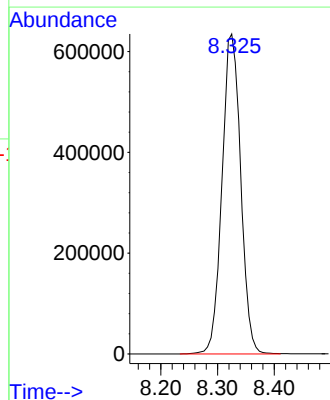
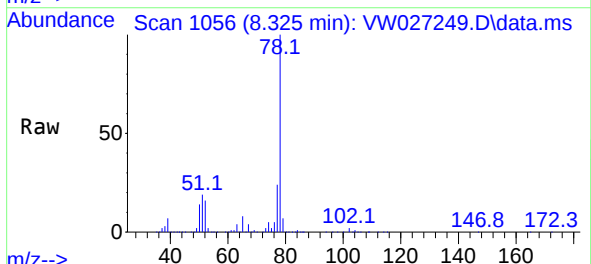
Instrument :
MSVOA_W
ClientSampleId :

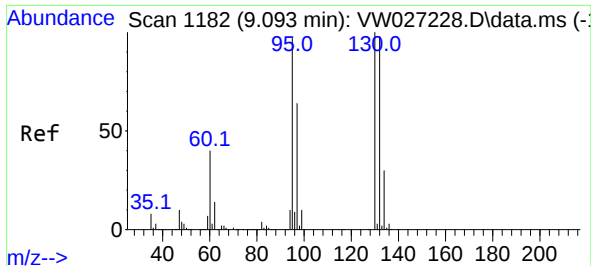
Tgt Ion:117 Resp: 453482
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



#33
Benzene
Concen: 26.171 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 78 Resp: 1451291

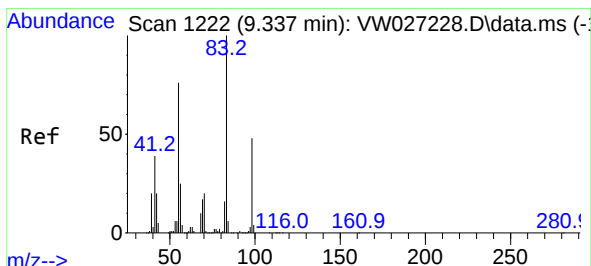
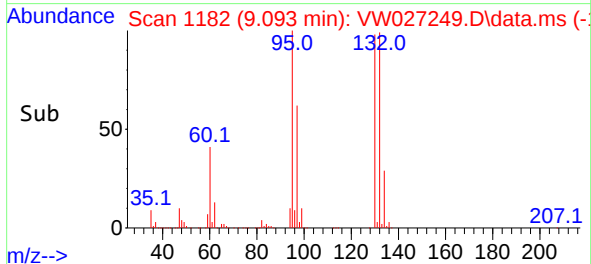
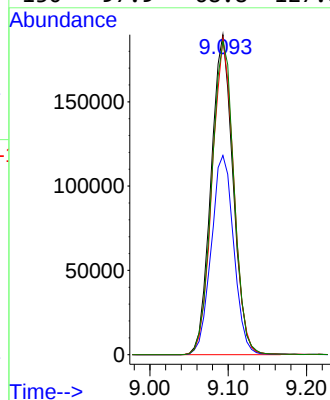
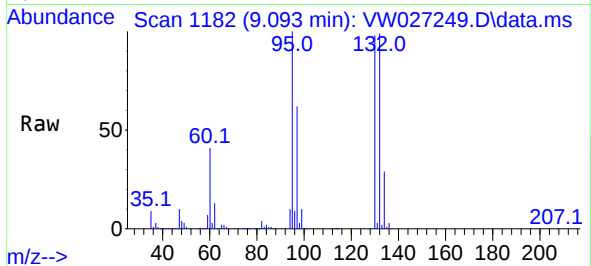




#34
Trichloroethene
Concen: 25.501 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

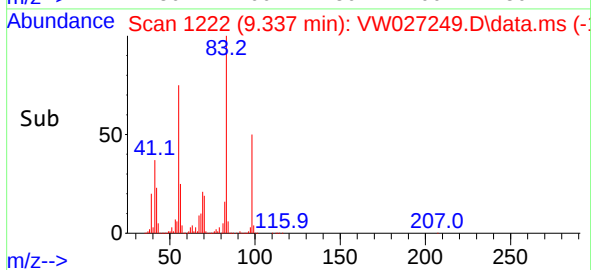
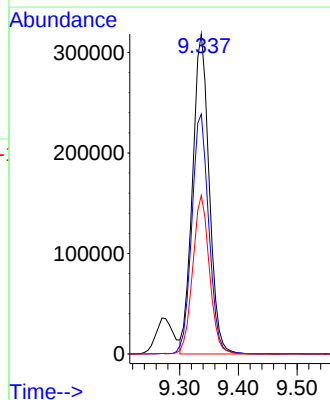
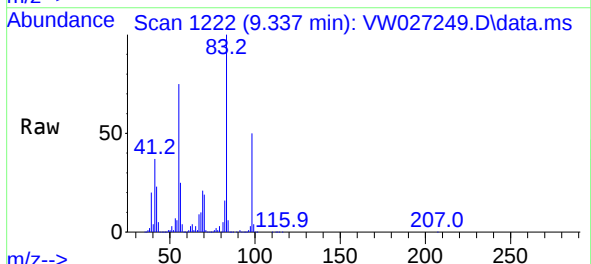
Instrument :
MSVOA_W
ClientSampleId :

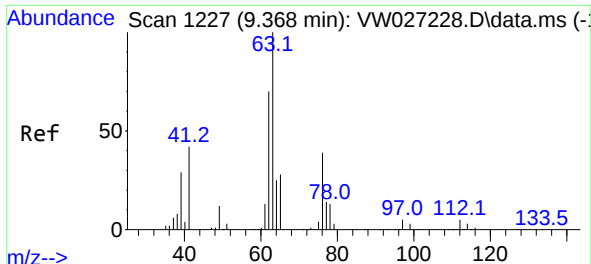
Tgt Ion: 95 Resp: 369282
Ion Ratio Lower Upper
95 100
97 62.2 46.1 85.7
132 98.8 71.5 132.9
130 97.9 68.8 127.8



#35
Methylcyclohexane
Concen: 25.737 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 83 Resp: 626871
Ion Ratio Lower Upper
83 100
55 76.6 59.1 88.7
98 49.7 38.6 58.0





#37

1,2-Dichloropropane

Concen: 27.583 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

Instrument :

MSVOA_W

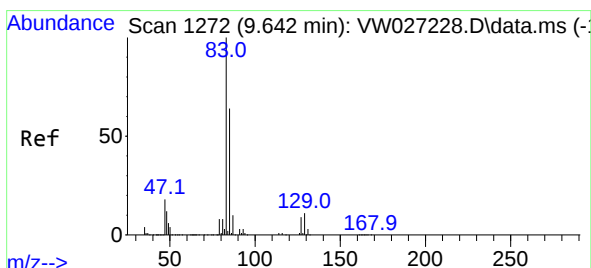
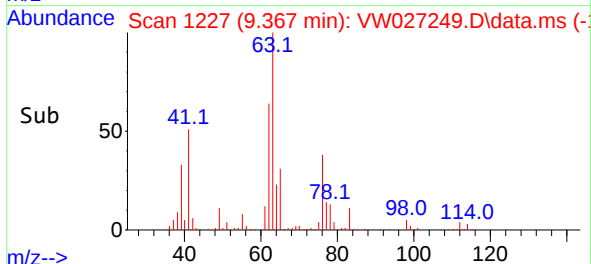
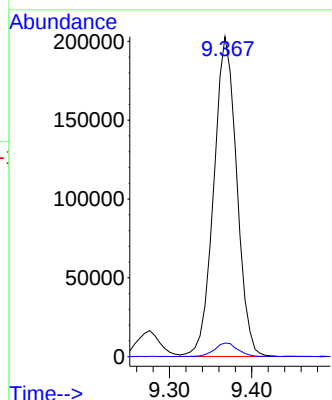
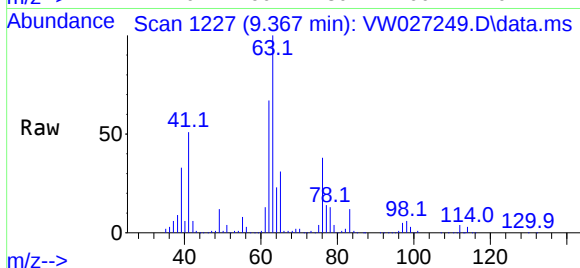
ClientSampleId :

Tgt Ion: 63 Resp: 394126

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 27.095 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

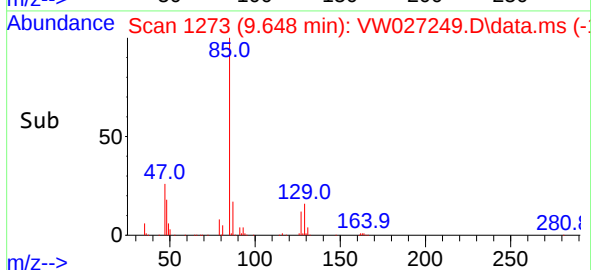
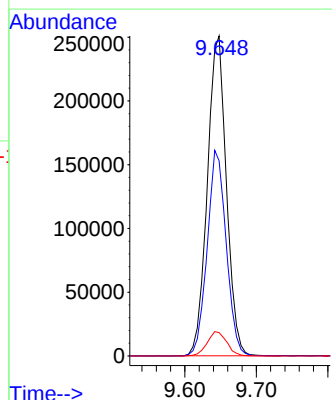
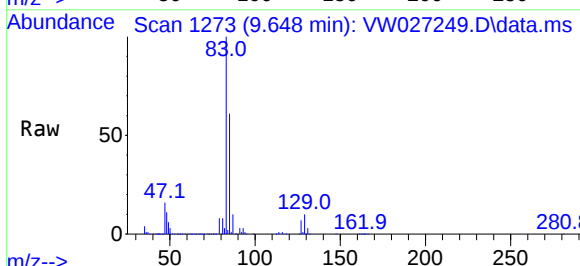
Tgt Ion: 83 Resp: 464981

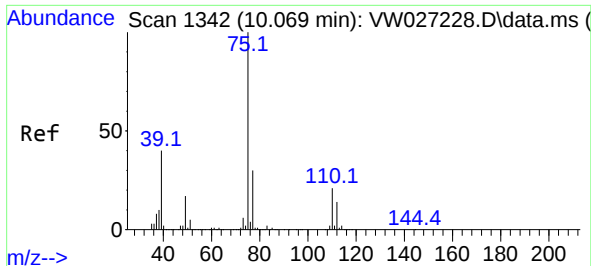
Ion Ratio Lower Upper

83 100

85 61.0 44.7 82.9

127 7.3 7.0 10.6

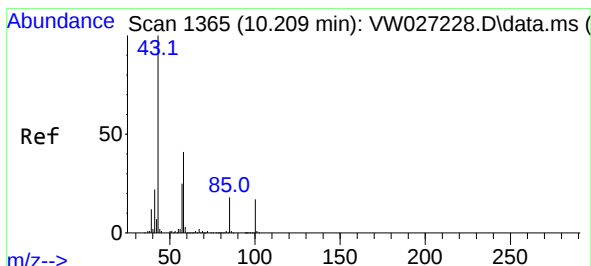
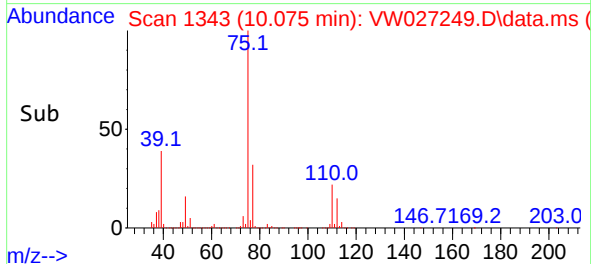
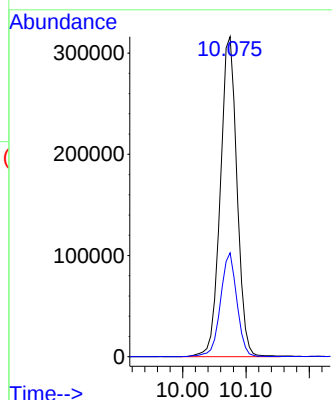
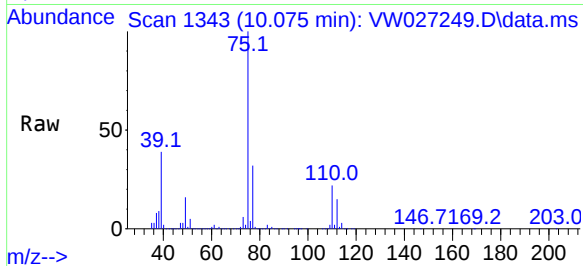




#39
cis-1,3-Dichloropropene
Concen: 27.395 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

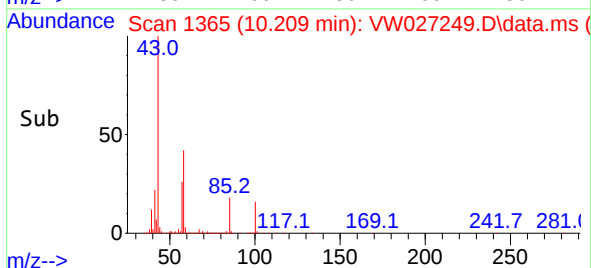
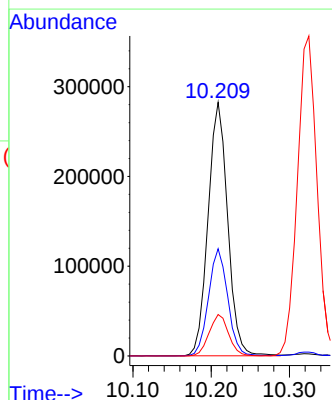
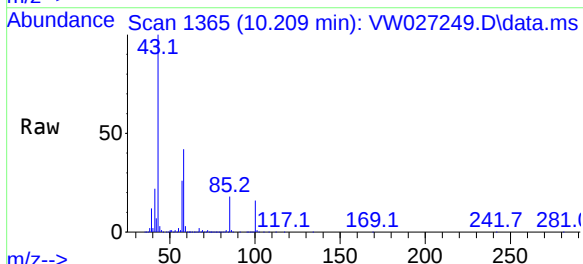
Instrument :
MSVOA_W
ClientSampleId :

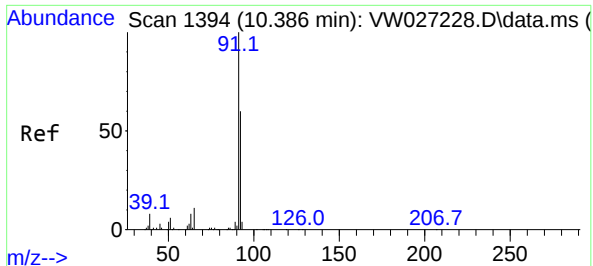
Tgt Ion: 75 Resp: 576755
Ion Ratio Lower Upper
75 100
77 32.4 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 70.916 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 43 Resp: 491593
Ion Ratio Lower Upper
43 100
58 41.3 33.8 50.6
100 16.2 13.7 20.5

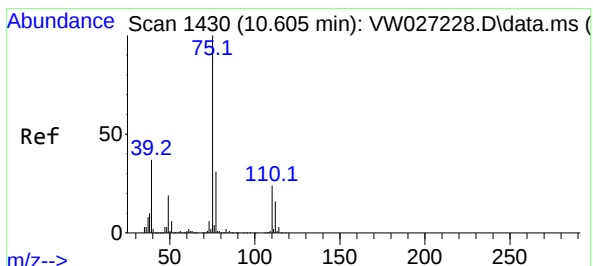
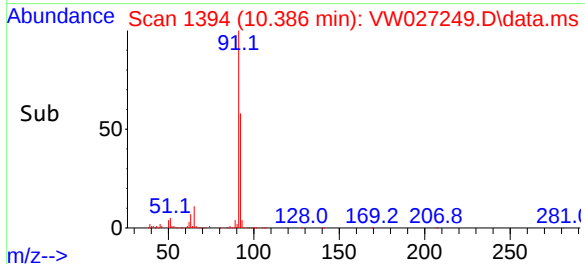
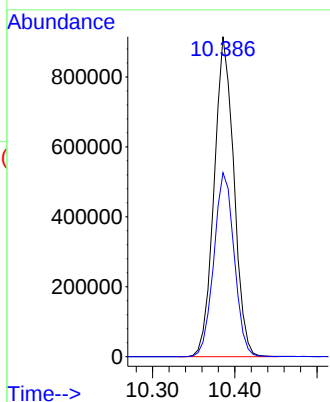
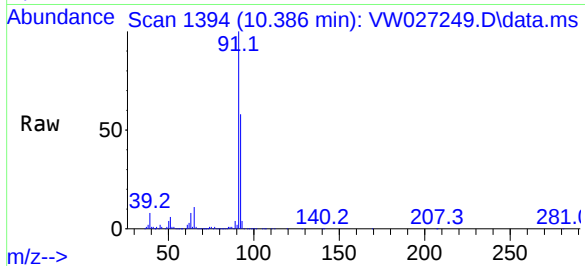




#42
Toluene
Concen: 26.851 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

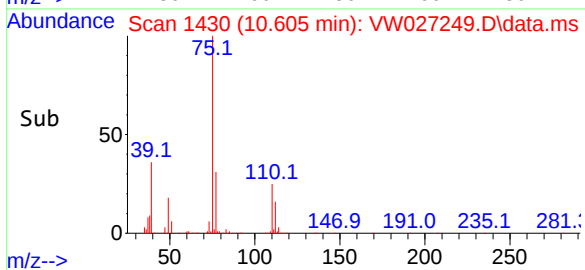
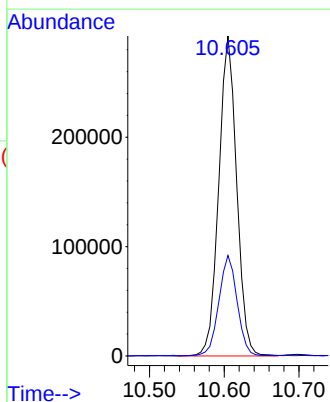
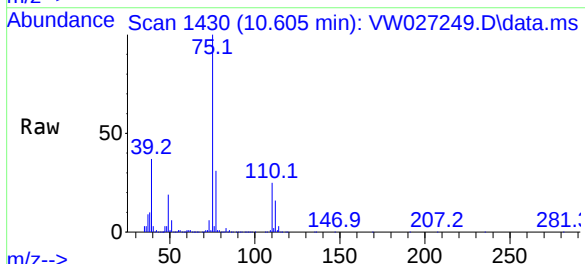
Instrument :
MSVOA_W
ClientSampleId :

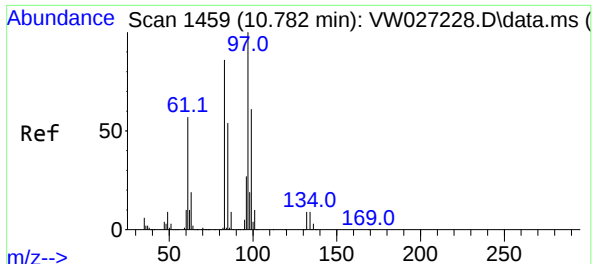
Tgt Ion: 91 Resp: 1529135
Ion Ratio Lower Upper
91 100
92 57.5 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 28.304 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

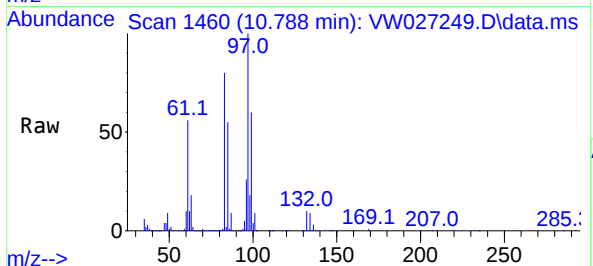
Tgt Ion: 75 Resp: 488376
Ion Ratio Lower Upper
75 100
77 31.4 21.6 40.2





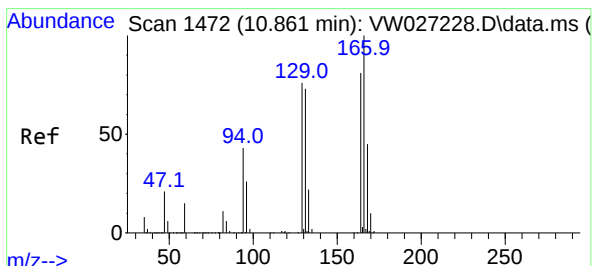
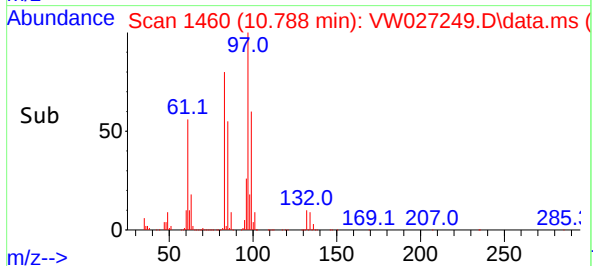
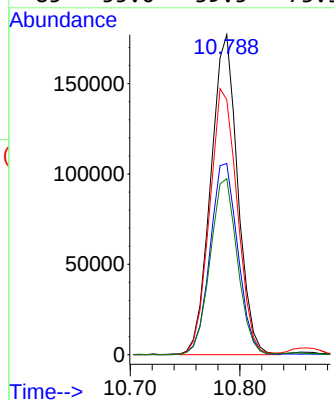
#45
1,1,2-Trichloroethane
Concen: 29.211 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 302052

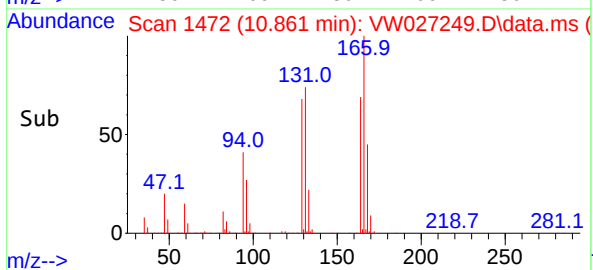
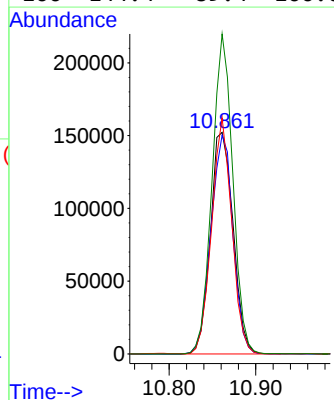
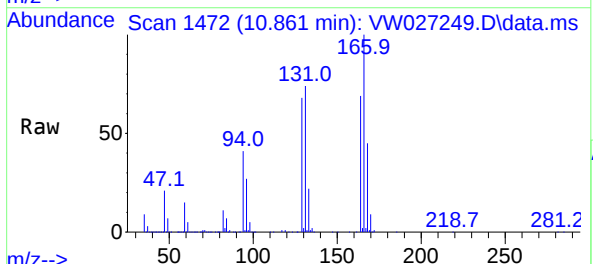
Ion	Ratio	Lower	Upper
97	100		
99	59.8	45.3	84.1
83	79.7	59.5	110.5
85	55.0	39.5	73.3

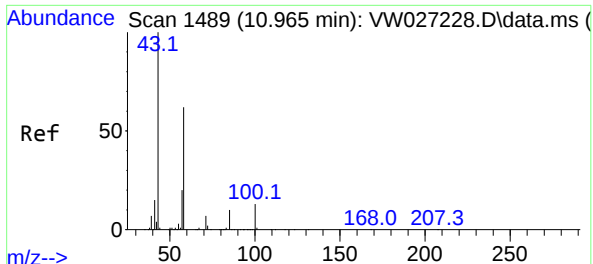


#46
Tetrachloroethene
Concen: 24.390 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 164 Resp: 277645

Ion	Ratio	Lower	Upper
164	100		
129	98.8	60.3	112.1
131	106.6	66.1	122.7
166	144.4	89.4	166.0



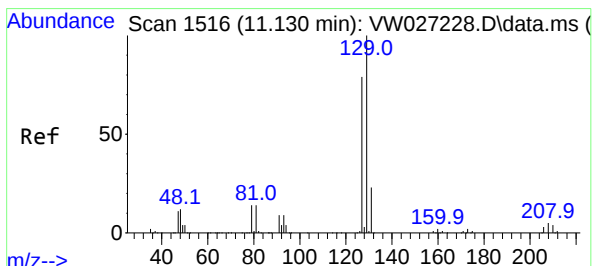
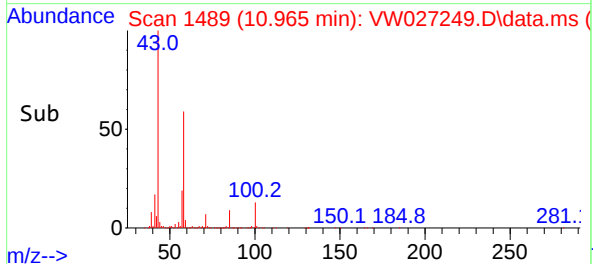
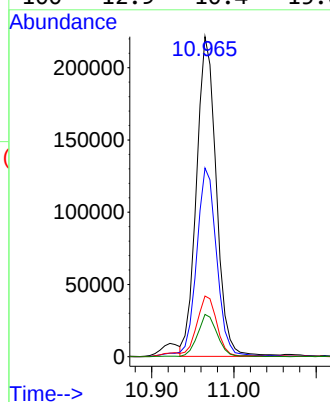
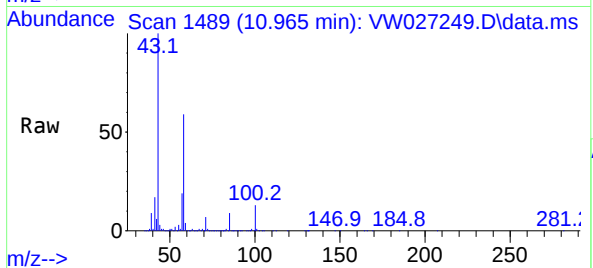


#48
2-Hexanone
Concen: 68.180 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 370520

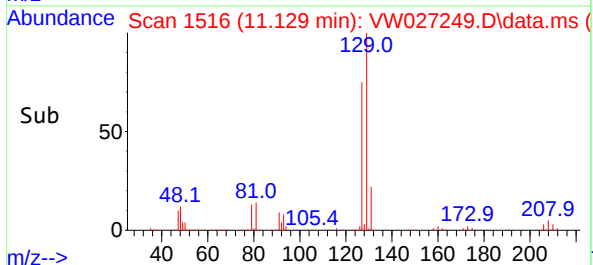
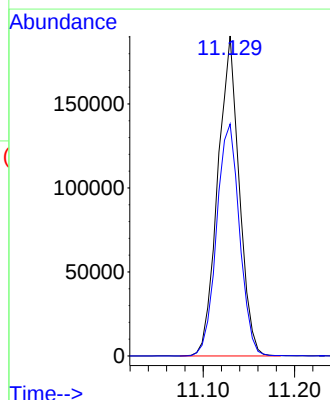
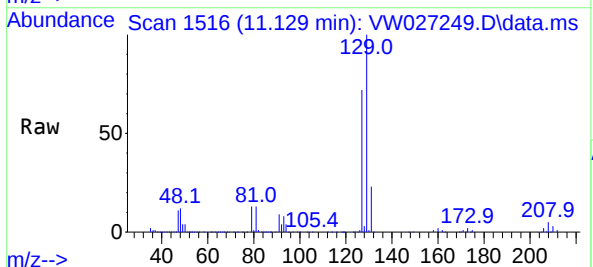
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.2	70.8
57	19.0	15.9	23.9
100	12.9	10.4	15.6

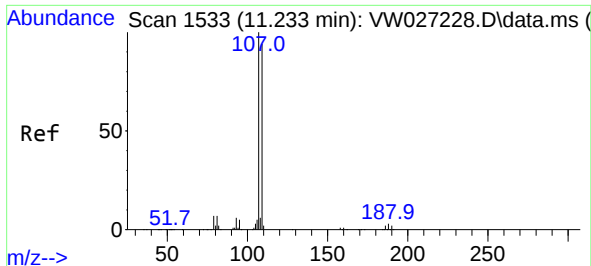


#49
Dibromochloromethane
Concen: 27.688 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 129 Resp: 310502

Ion	Ratio	Lower	Upper
129	100		
127	72.5	54.2	100.6

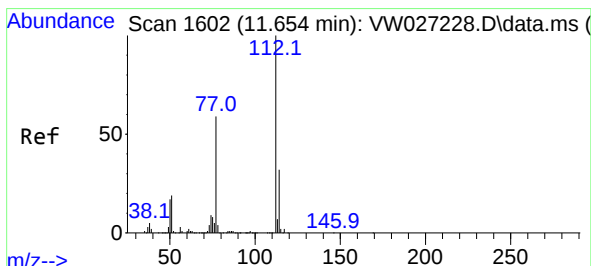
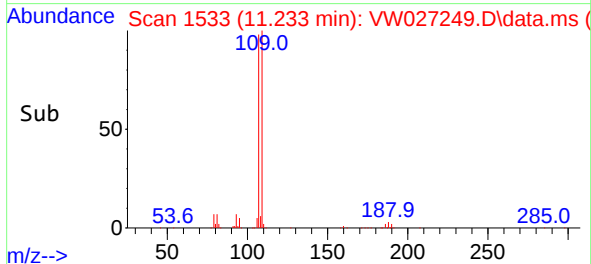
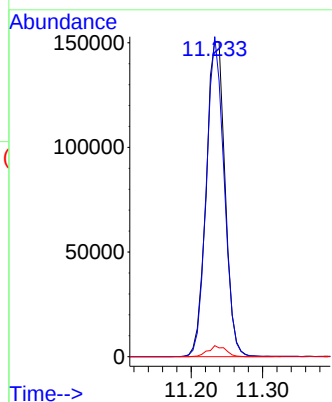
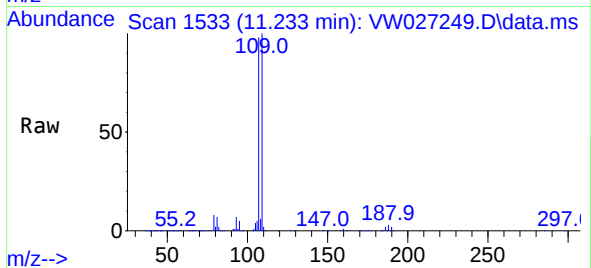




#50
1,2-Dibromoethane
Concen: 28.753 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

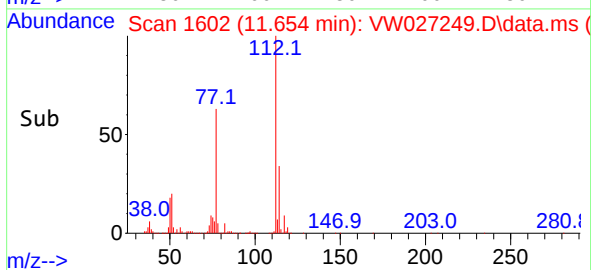
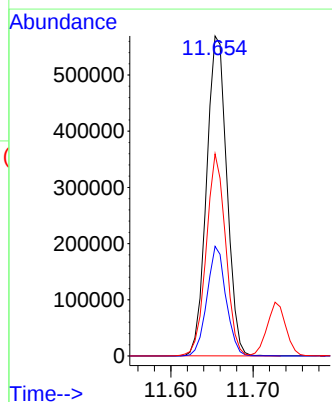
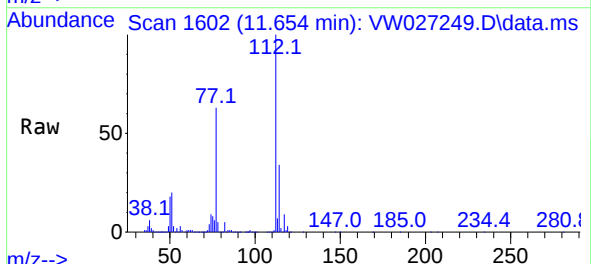
Instrument :
MSVOA_W
ClientSampleId :

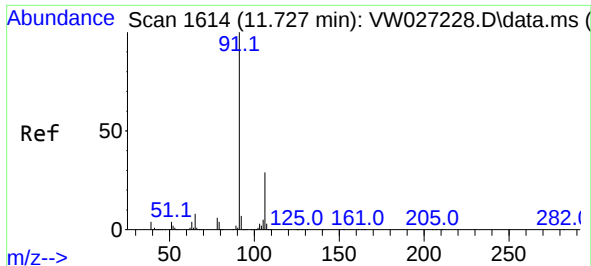
Tgt Ion:107 Resp: 275889
Ion Ratio Lower Upper
107 100
109 101.6 68.2 126.6
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 25.783 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion:112 Resp: 974356
Ion Ratio Lower Upper
112 100
114 34.3 21.9 40.7
77 63.2 47.4 71.0

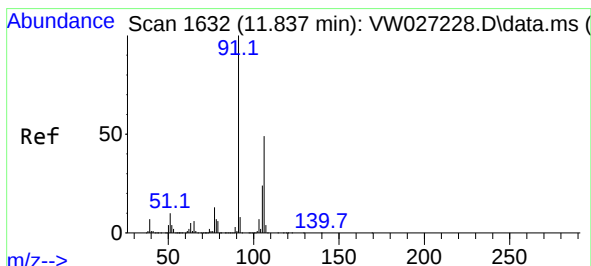
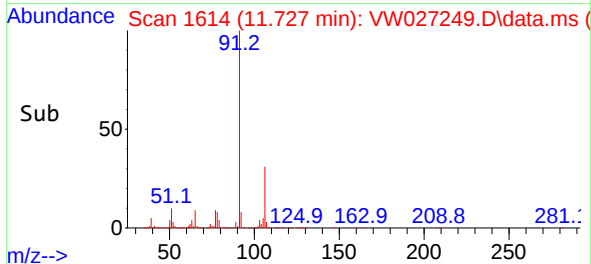
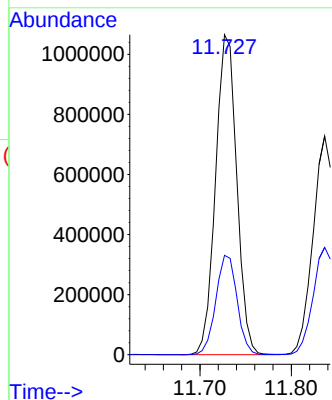
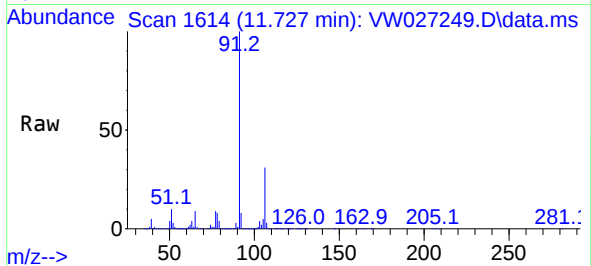




#52
Ethylbenzene
Concen: 26.848 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

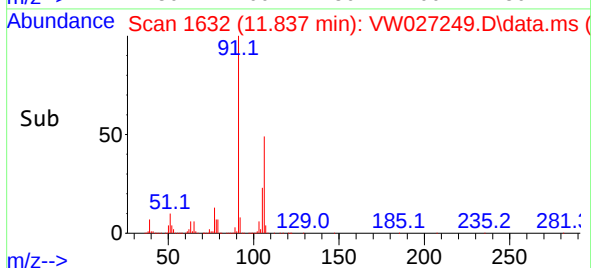
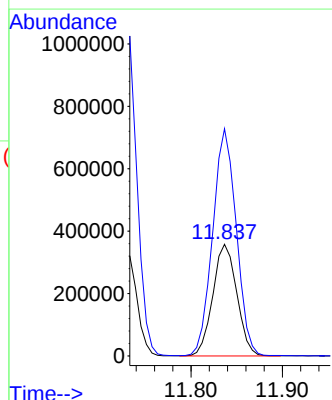
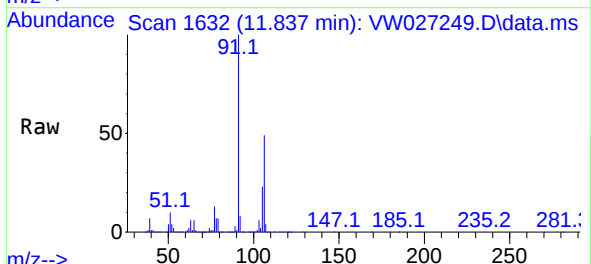
Instrument :
MSVOA_W
ClientSampleId :

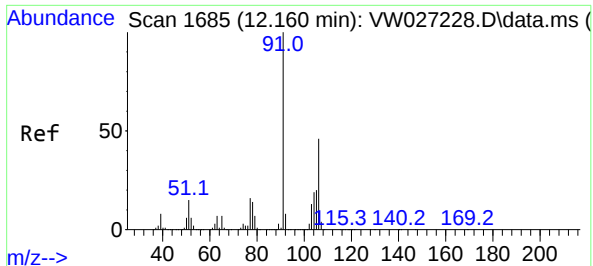
Tgt Ion: 91 Resp: 1717689
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 26.609 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion:106 Resp: 652767
Ion Ratio Lower Upper
106 100
91 203.6 145.9 270.9

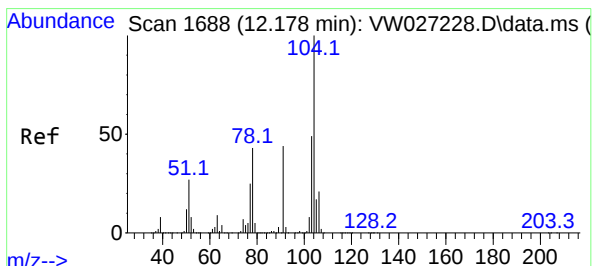
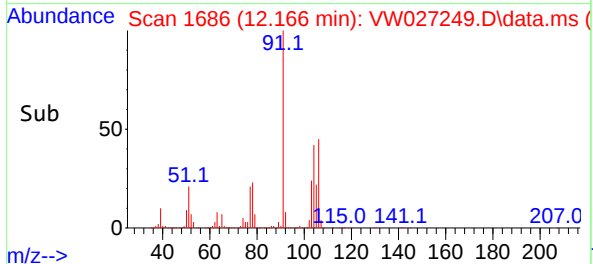
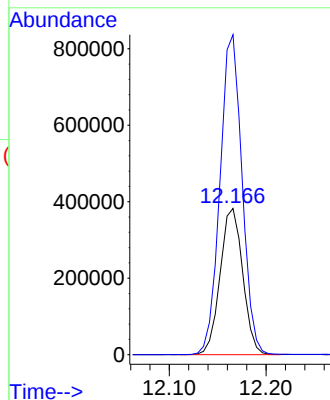
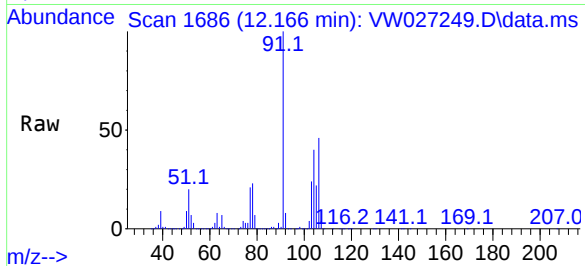




#54
o-Xylene
Concen: 27.075 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

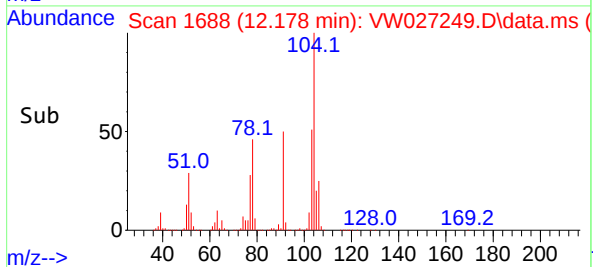
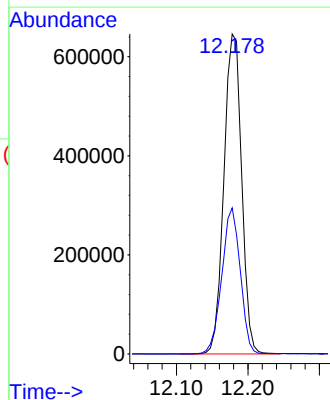
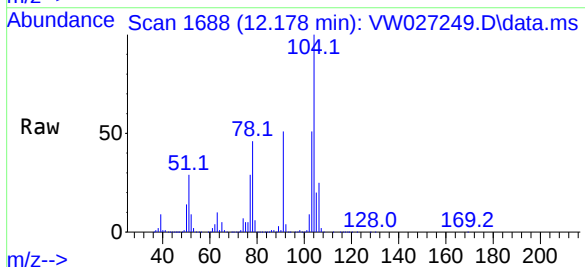
Instrument :
MSVOA_W
ClientSampleId :

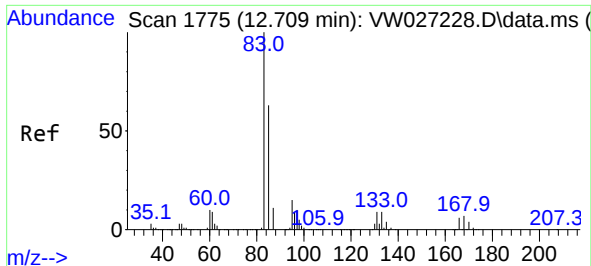
Tgt Ion:106 Resp: 620471
Ion Ratio Lower Upper
106 100
91 218.8 149.5 277.7



#55
Styrene
Concen: 28.210 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion:104 Resp: 1112824
Ion Ratio Lower Upper
104 100
78 45.7 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 30.865 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

Instrument :

MSVOA_W

ClientSampleId :

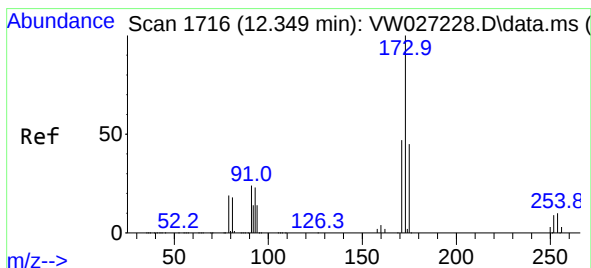
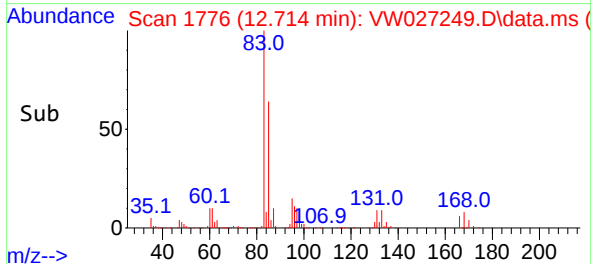
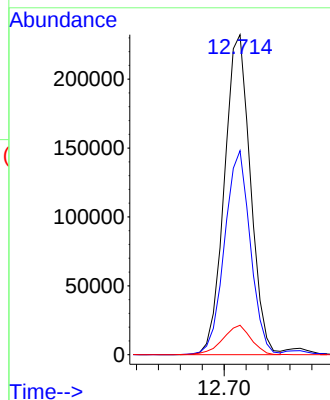
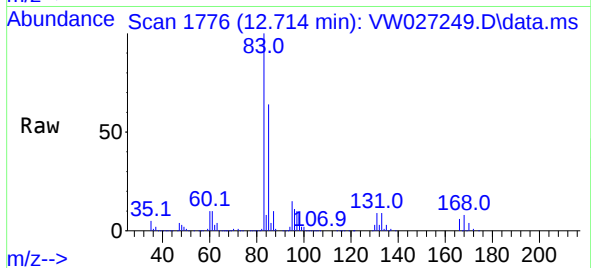
Tgt Ion: 83 Resp: 382815

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

131 9.2 7.6 11.4



#59

Bromoform

Concen: 26.795 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

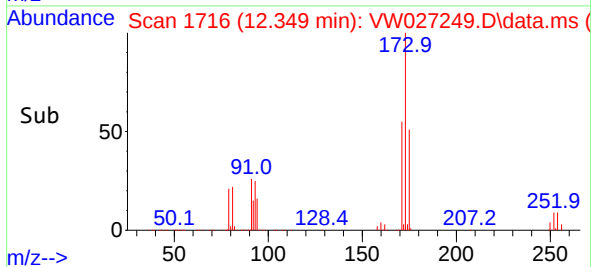
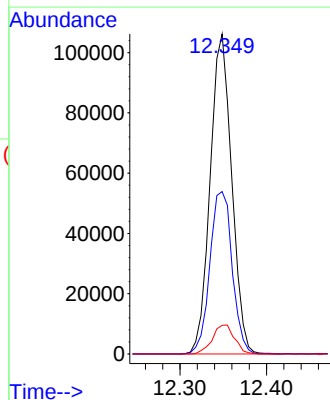
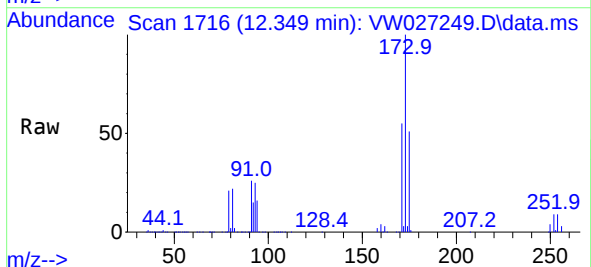
Tgt Ion:173 Resp: 183277

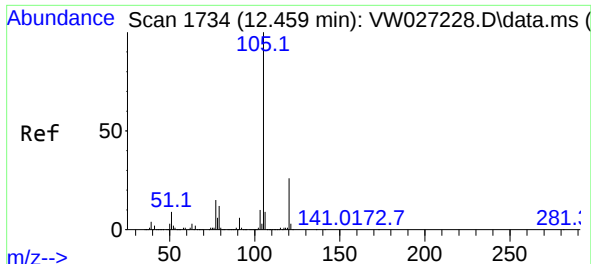
Ion Ratio Lower Upper

173 100

175 52.6 37.1 55.7

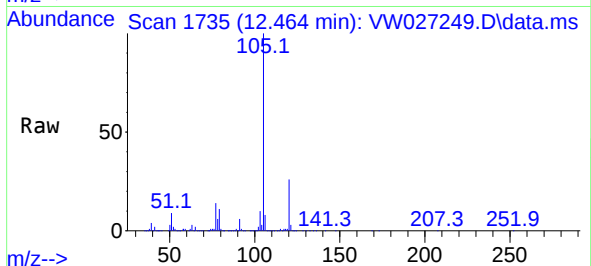
254 9.3 7.2 10.8



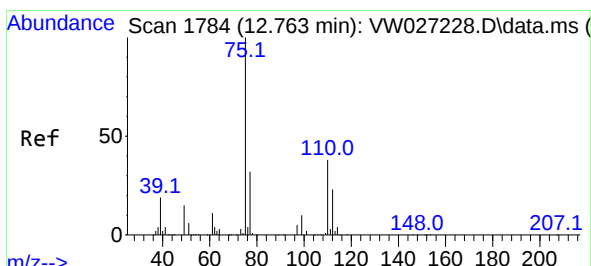
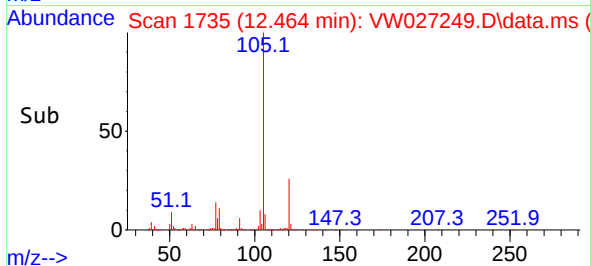
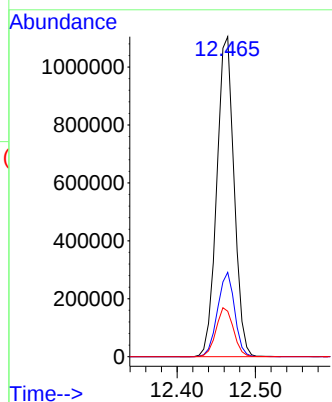


#60
Isopropylbenzene
Concen: 26.547 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

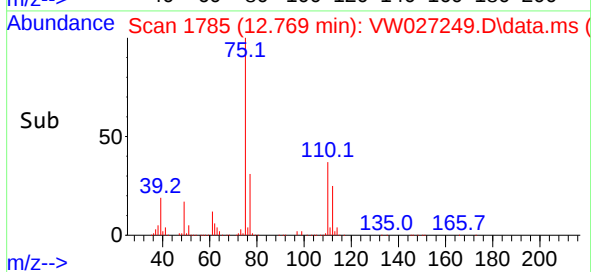
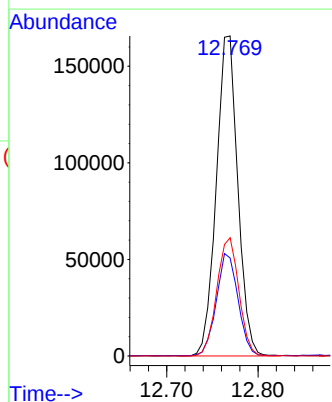
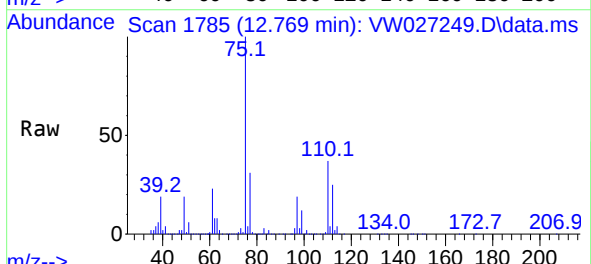


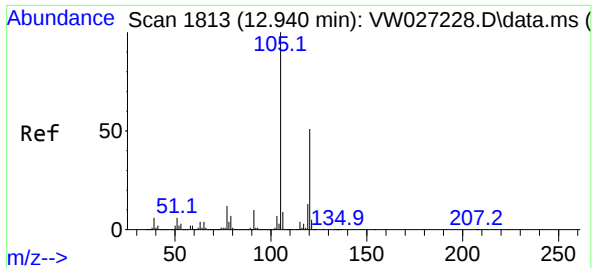
Tgt Ion:105 Resp: 1693231
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 30.601 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 75 Resp: 271371
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 37.8 31.2 46.8

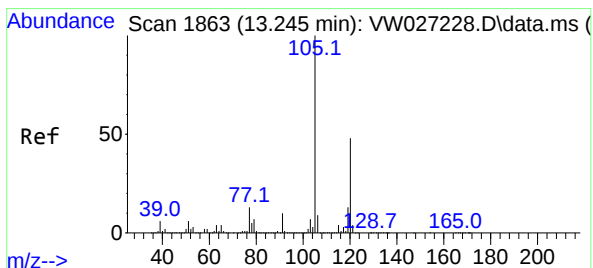
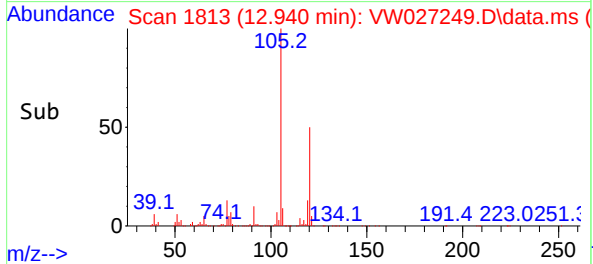
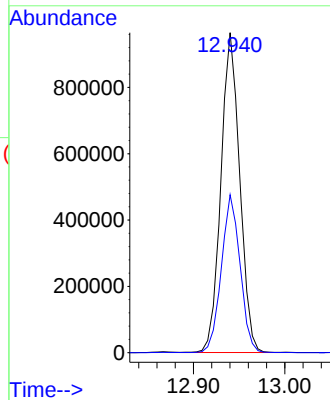
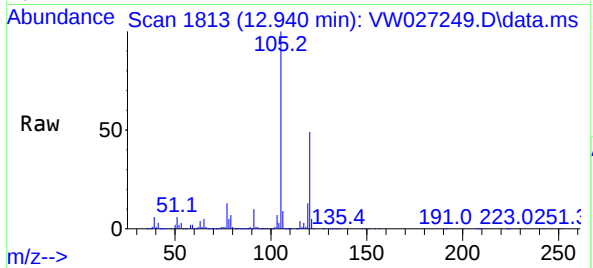




#62
1,3,5-Trimethylbenzene
Concen: 27.639 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

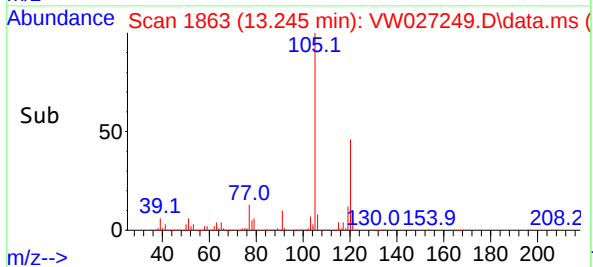
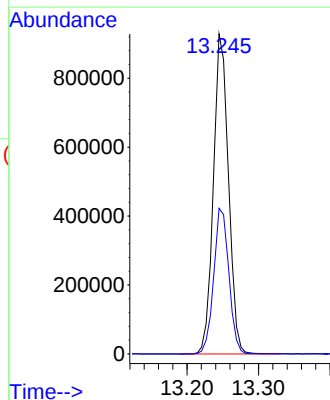
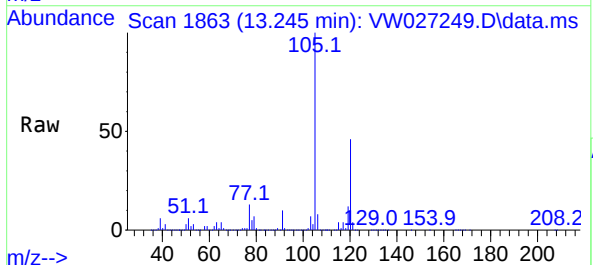
Instrument :
MSVOA_W
ClientSampleId :

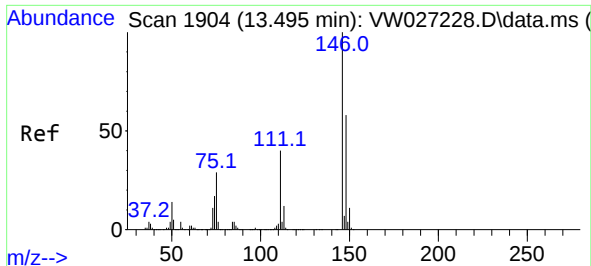
Tgt Ion:105 Resp: 1382152
Ion Ratio Lower Upper
105 100
120 49.1 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 27.682 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

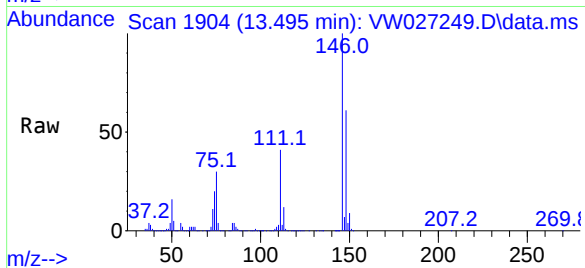
Tgt Ion:105 Resp: 1356600
Ion Ratio Lower Upper
105 100
120 45.9 36.8 55.2



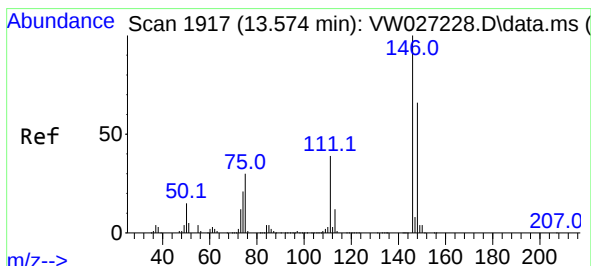
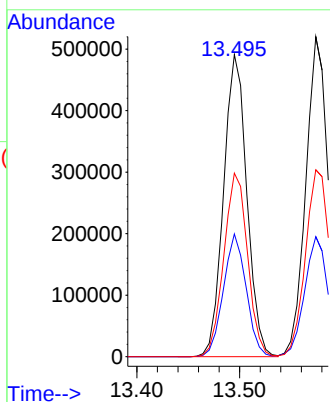
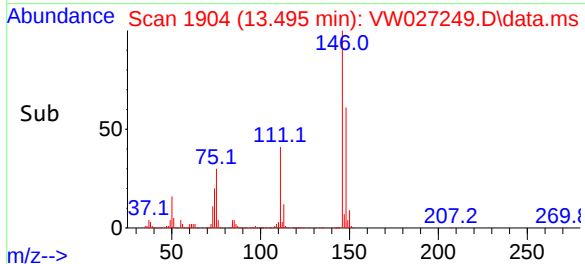


#64
1,3-Dichlorobenzene
Concen: 26.241 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

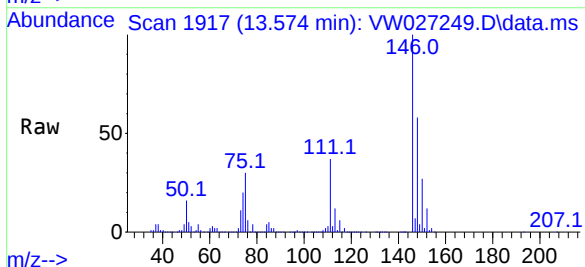
Instrument :
MSVOA_W
ClientSampleId :



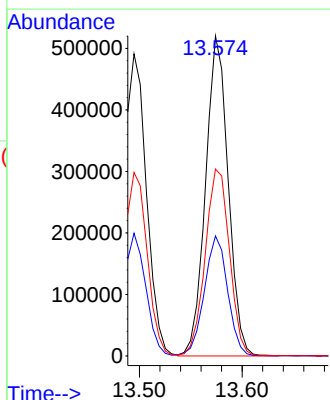
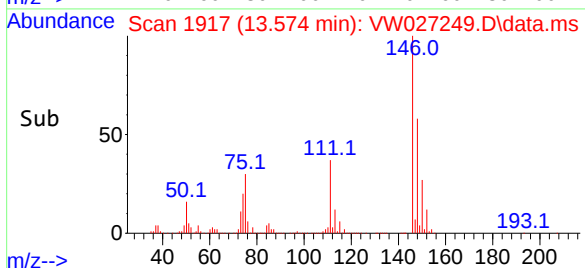
Tgt Ion:146 Resp: 772494
Ion Ratio Lower Upper
146 100
111 40.6 26.9 50.1
148 60.7 43.3 80.5

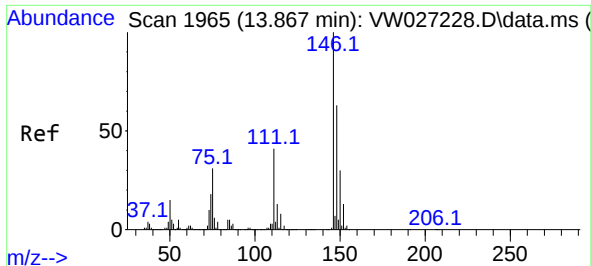


#65
1,4-Dichlorobenzene
Concen: 26.912 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30



Tgt Ion:146 Resp: 795955
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 58.4 43.9 81.5

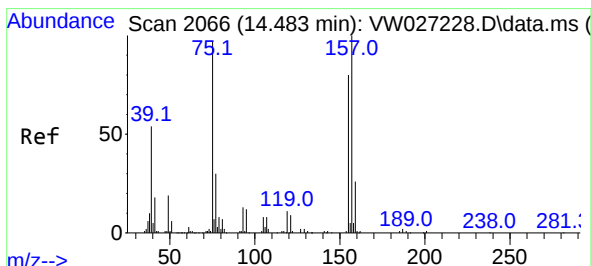
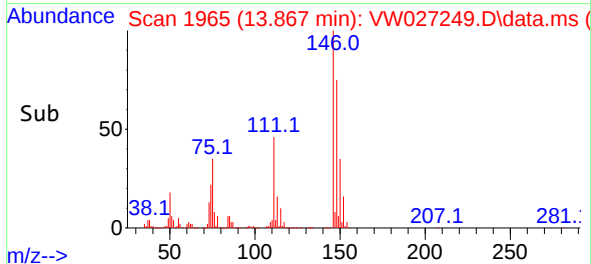
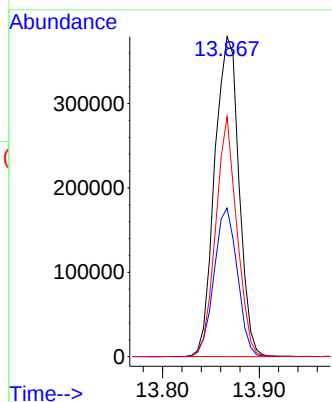
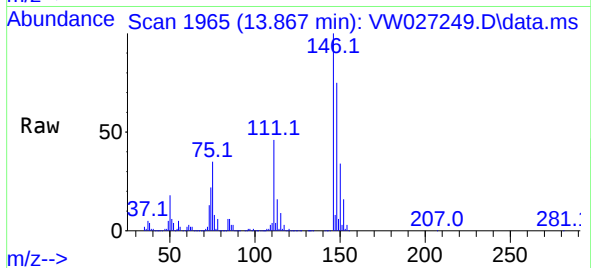




#67
1,2-Dichlorobenzene
Concen: 25.622 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

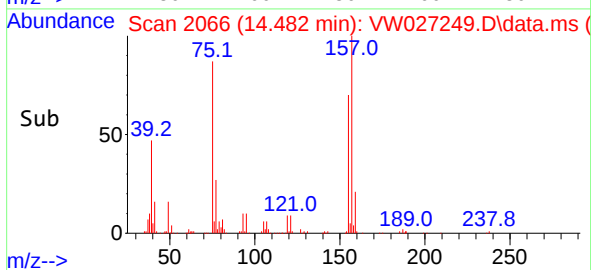
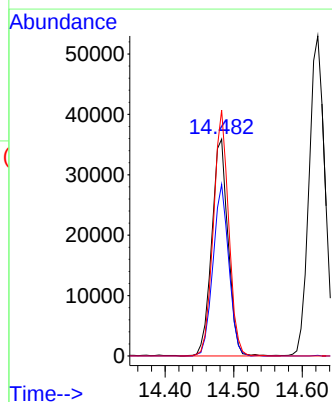
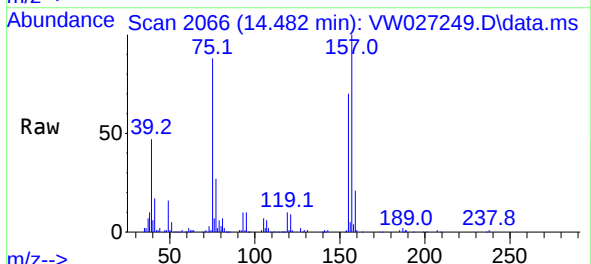
Instrument :
MSVOA_W
ClientSampleId :

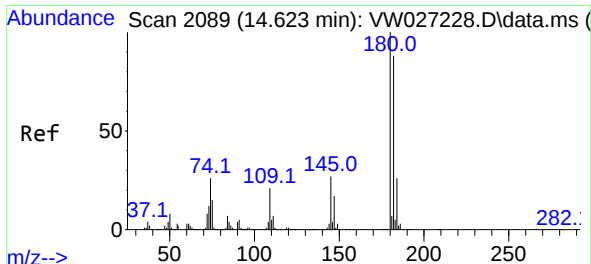
Tgt Ion:146 Resp: 661128
Ion Ratio Lower Upper
146 100
111 46.5 35.6 53.4
148 75.0 58.4 87.6



#68
1,2-Dibromo-3-chloropropane
Concen: 31.295 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion: 75 Resp: 59446
Ion Ratio Lower Upper
75 100
155 79.1 56.5 84.7
157 113.4 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 26.971 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.006 min

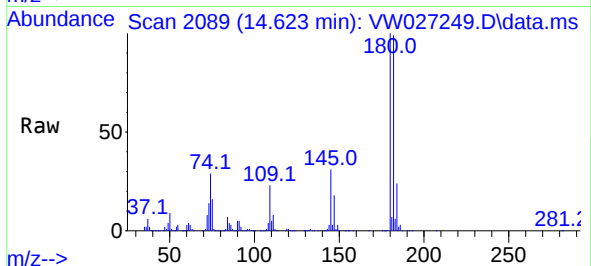
Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 511261

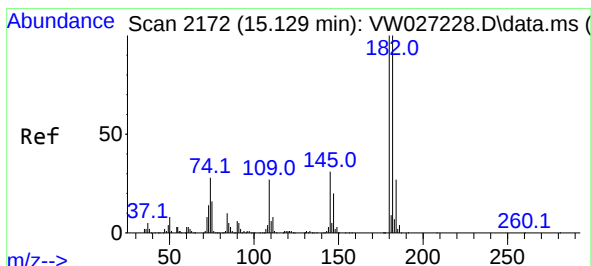
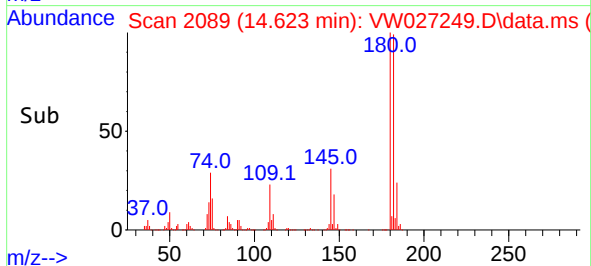
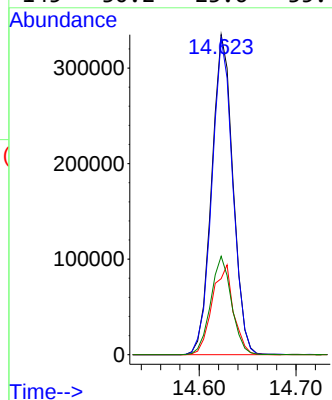
Ion Ratio Lower Upper

180 100

182 97.2 70.2 105.2

184 28.0 24.6 37.0

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 27.107 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027249.D

Acq: 05 Oct 2023 20:30

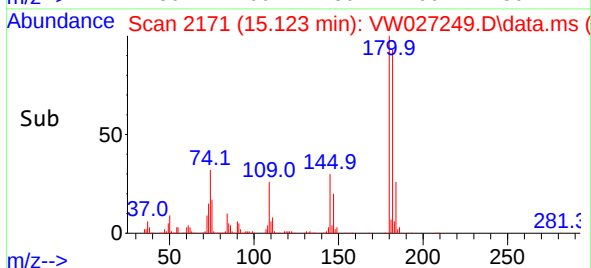
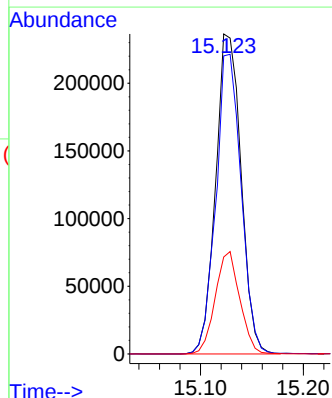
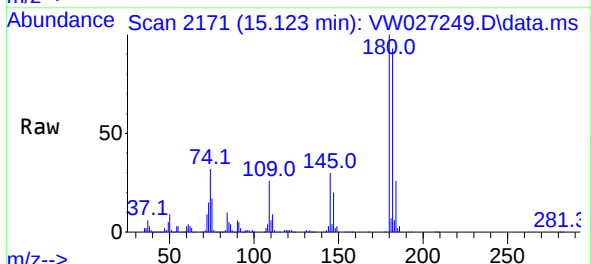
Tgt Ion:180 Resp: 405396

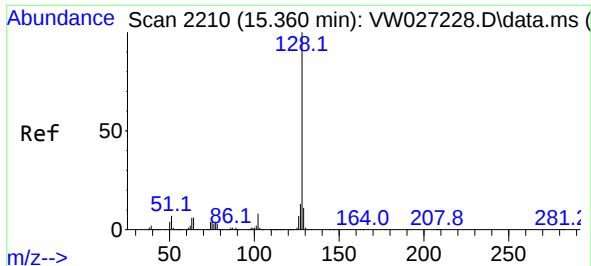
Ion Ratio Lower Upper

180 100

182 93.1 77.4 116.2

145 30.9 24.3 36.5



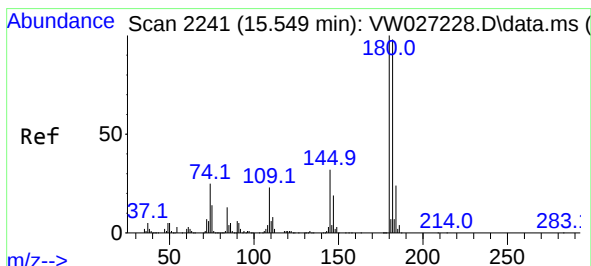
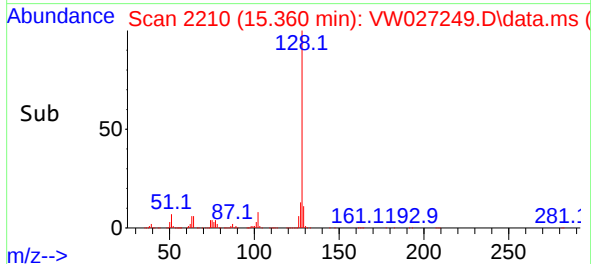
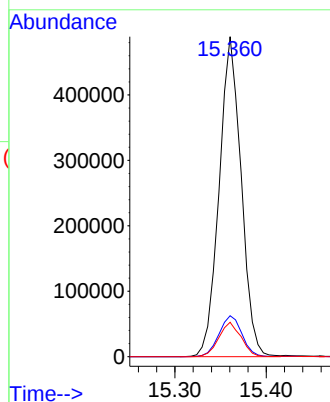
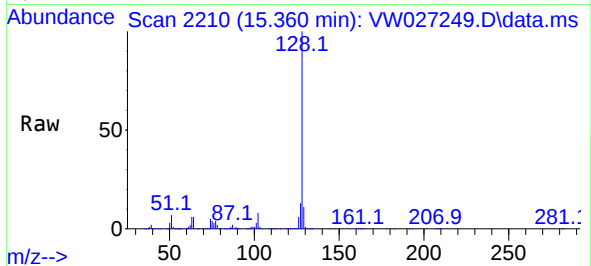


#71
Naphthalene
Concen: 31.040 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 819052

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 28.981 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027249.D
Acq: 05 Oct 2023 20:30

Tgt Ion:180 Resp: 384743

Ion	Ratio	Lower	Upper
180	100		
182	90.2	74.7	112.1
145	31.7	26.4	39.6

