

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103023\
 Data File : VW027474.D
 Acq On : 30 Oct 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 02:37:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	106474	20.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.893	69	91497	24.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
11) 1,1-Dichloroethene-d2	4.021	65	54766	21.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.240%
21) 2-Butanone-d5	7.075	46	109905	64.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.920%
24) Chloroform-d	7.648	84	266773	26.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.307	65	145482	27.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.120%
32) Benzene-d6	8.276	84	511632	24.251	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.270	67	171649	26.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	10.325	98	446075	23.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.574	79	68342	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.922	63	84094	63.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152252	31.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	150312	23.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	87424	21.859	ug/L #	78
3) Chloromethane	2.222	50	120802	26.282	ug/L	99
5) Vinyl chloride	2.375	62	135097	26.313	ug/L	98
6) Bromomethane	2.789	94	73790	25.233	ug/L	95
8) Chloroethane	2.936	64	79107	26.767	ug/L	97
9) Trichlorofluoromethane	3.265	101	99882	27.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	120983	26.674	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	113189	25.679	ug/L	89
13) Acetone	4.124	43	90366	61.360	ug/L	98
14) Carbon disulfide	4.387	76	292258	21.388	ug/L	99
15) Methyl Acetate	4.667	43	71845	28.562	ug/L	99
16) Methylene chloride	4.917	84	145928	23.716	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	120751	25.490	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	216445	26.483	ug/L	99
19) 1,1-Dichloroethane	6.215	63	267759	27.704	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	143597	26.842	ug/L	95
22) 2-Butanone	7.167	43	113332	51.412	ug/L	100
23) Bromochloromethane	7.514	128	57714	26.130	ug/L	88
25) Chloroform	7.673	83	253507	28.025	ug/L	98

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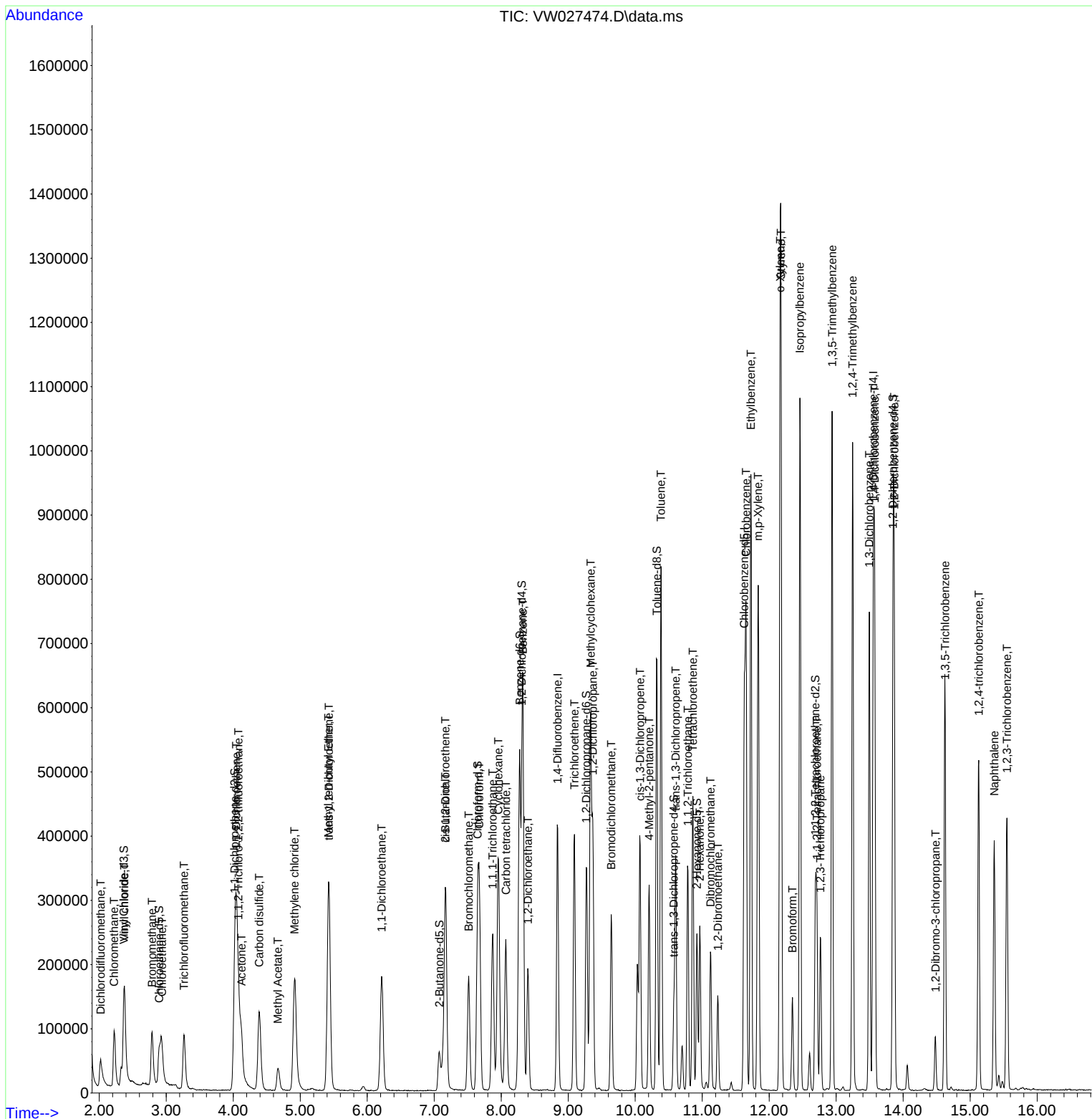
Instrument :
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 ClientSampleId :

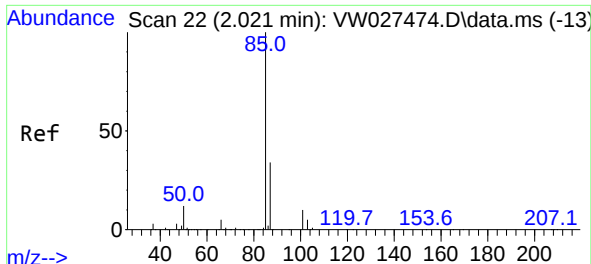
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170485	27.745	ug/L	99
29) Cyclohexane	7.959	56	228617	24.146	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	203401	26.740	ug/L	99
31) Carbon tetrachloride	8.069	117	174304	25.413	ug/L	100
33) Benzene	8.325	78	544936	26.740	ug/L	100
34) Trichloroethene	9.093	95	142605	26.491	ug/L	97
35) Methylcyclohexane	9.337	83	234915	24.403	ug/L	99
37) 1,2-Dichloropropane	9.367	63	154716	28.078	ug/L	99
38) Bromodichloromethane	9.642	83	184751	27.267	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	236093	25.937	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	219314	57.874	ug/L	98
42) Toluene	10.385	91	568526	26.593	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	199073	25.920	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	108590	28.638	ug/L	98
46) Tetrachloroethene	10.861	164	97479	26.225	ug/L	90
48) 2-Hexanone	10.965	43	165082	58.857	ug/L	98
49) Dibromochloromethane	11.123	129	112674	26.756	ug/L	94
50) 1,2-Dibromoethane	11.233	107	99259	26.999	ug/L	98
51) Chlorobenzene	11.654	112	363251	27.134	ug/L	96
52) Ethylbenzene	11.727	91	668114	26.893	ug/L	94
53) m,p-Xylene	11.836	106	246132	26.121	ug/L	98
54) o-Xylene	12.166	106	239029	26.490	ug/L	98
55) Styrene	12.178	104	418347	27.147	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	139639	30.167	ug/L	97
59) Bromoform	12.349	173	60837	23.541	ug/L	99
60) Isopropylbenzene	12.458	105	669948	24.555	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	100855	26.595	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	555838	24.423	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	542097	24.345	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	282010	25.489	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	282343	25.553	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	255945	26.070	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	22637	23.884	ug/L	91
69) 1,3,5-Trichlorobenzene	14.629	180	181583	25.282	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	153114	25.047	ug/L	98
71) Naphthalene	15.360	128	316982	25.214	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	131211	26.102	ug/L	95

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

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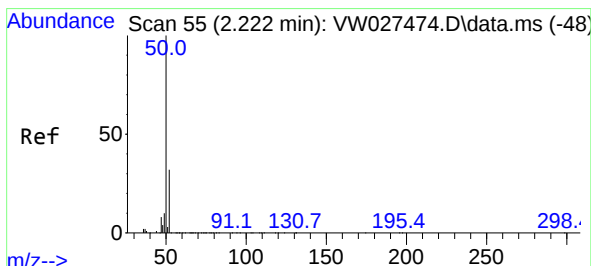
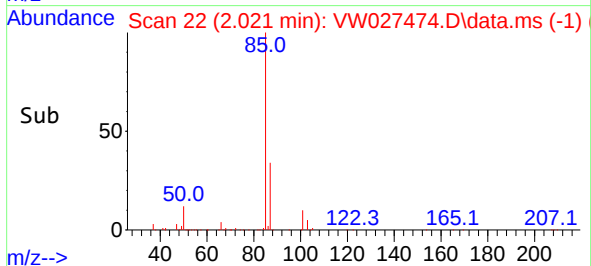
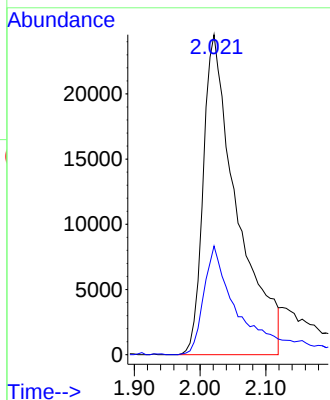
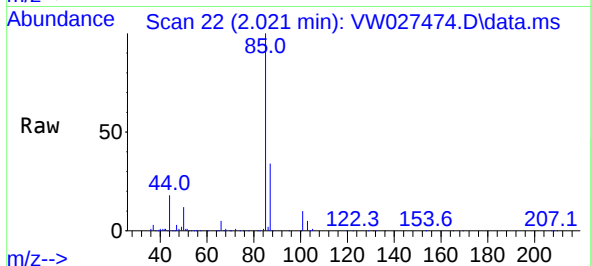




#2
 Dichlorodifluoromethane
 Concen: 21.859 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027474.D
 Acq: 30 Oct 2023 10:30

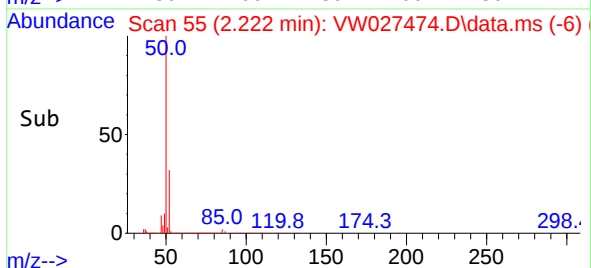
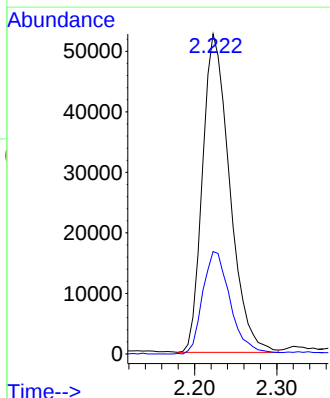
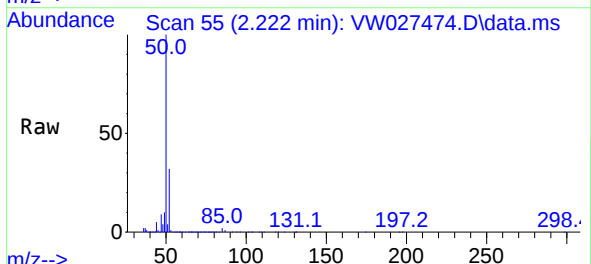
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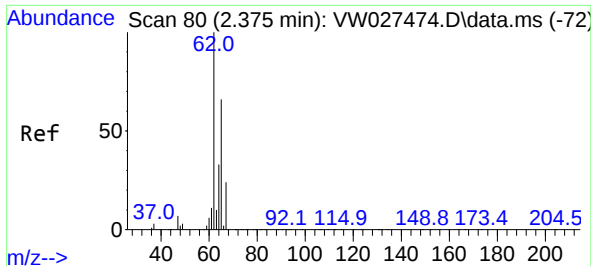
Tgt Ion: 85 Resp: 87424
 Ion Ratio Lower Upper
 85 100
 87 33.3 18.3 27.5#



#3
 Chloromethane
 Concen: 26.282 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027474.D
 Acq: 30 Oct 2023 10:30

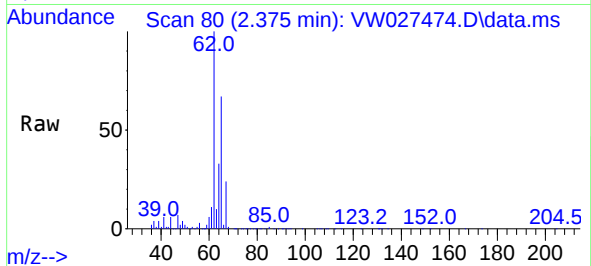
Tgt Ion: 50 Resp: 120802
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.7 42.3



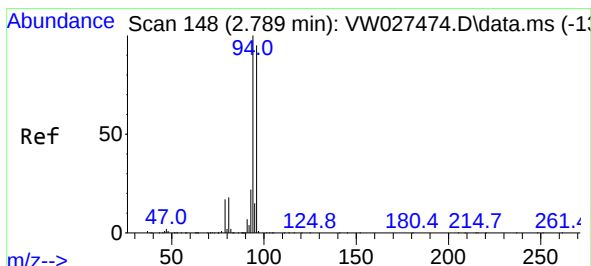
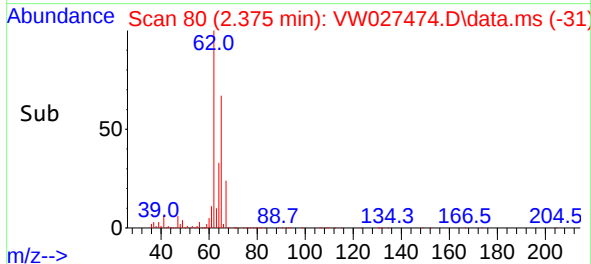
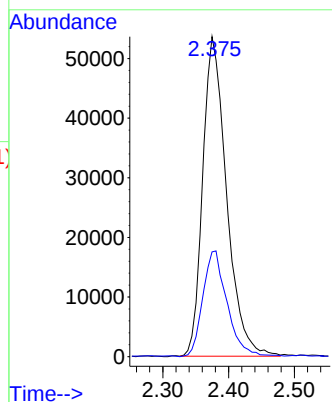


#5
 Vinyl chloride
 Concen: 26.313 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027474.D
 Acq: 30 Oct 2023 10:30

Instrument :
 MSVOA_W
 ClientSampleId :

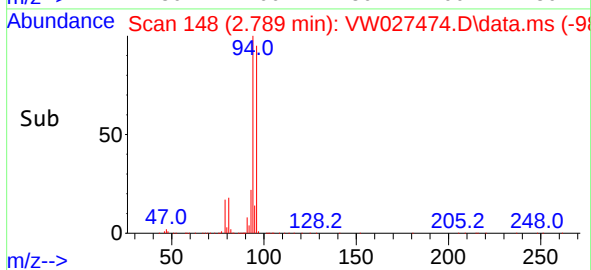
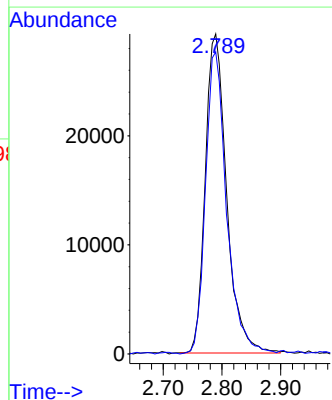
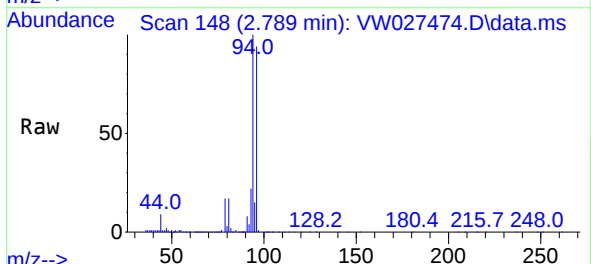


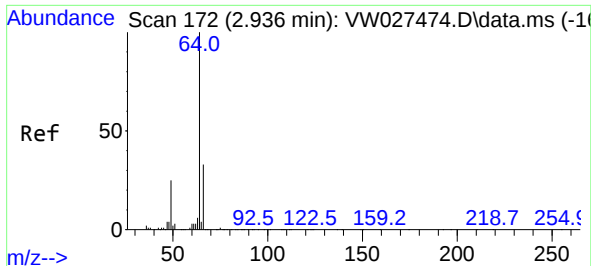
Tgt Ion: 62 Resp: 135097
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#6
 Bromomethane
 Concen: 25.233 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027474.D
 Acq: 30 Oct 2023 10:30

Tgt Ion: 94 Resp: 73790
 Ion Ratio Lower Upper
 94 100
 96 94.4 62.9 116.9

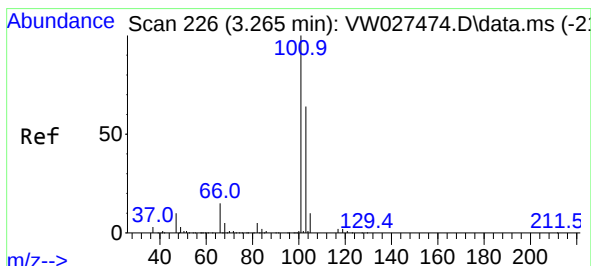
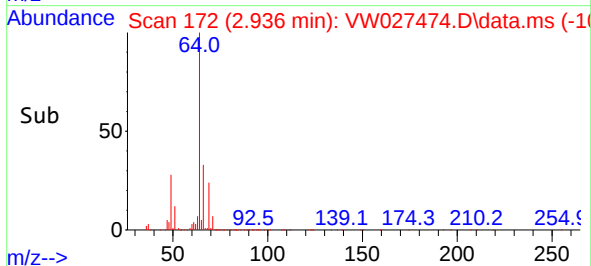
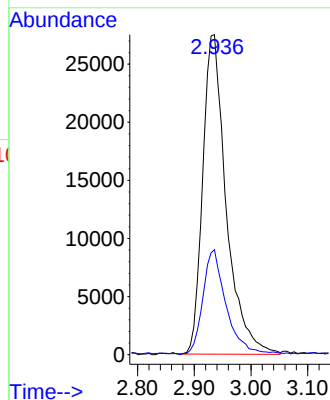
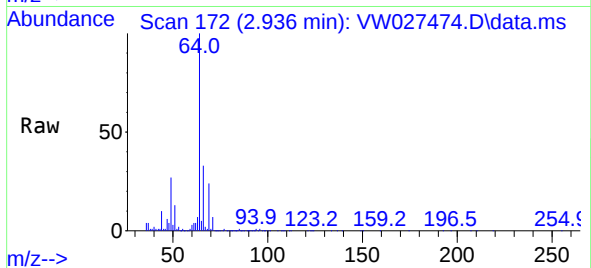




#8
Chloroethane
Concen: 26.767 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

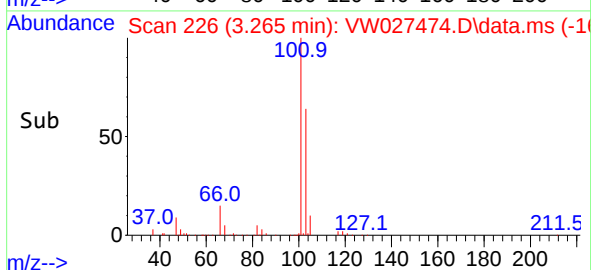
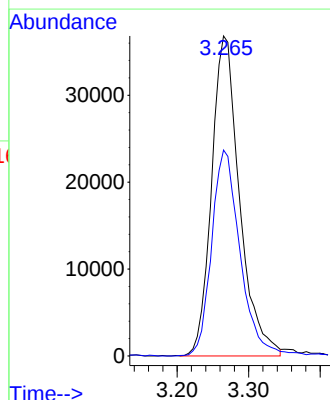
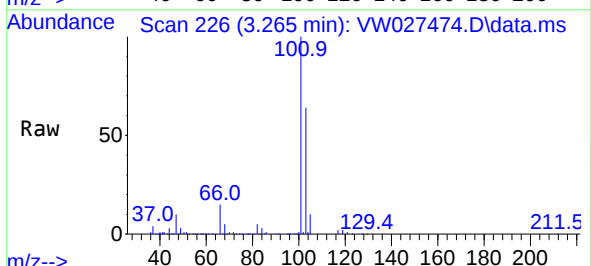
Instrument :
MSVOA_W
ClientSampleId :

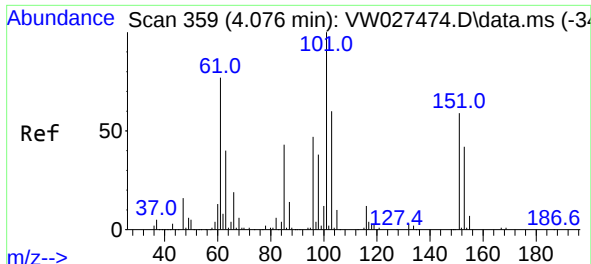
Tgt Ion: 64 Resp: 79107
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.575 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:101 Resp: 99882
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

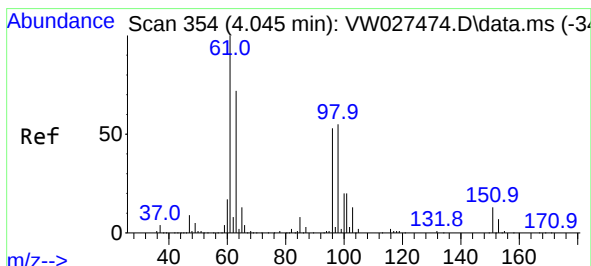
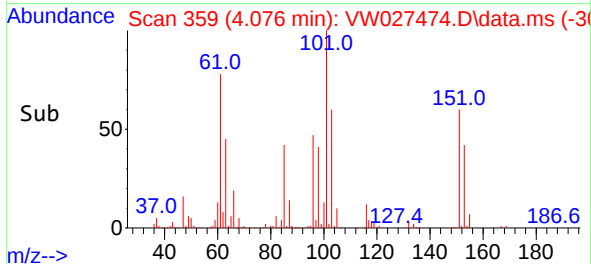
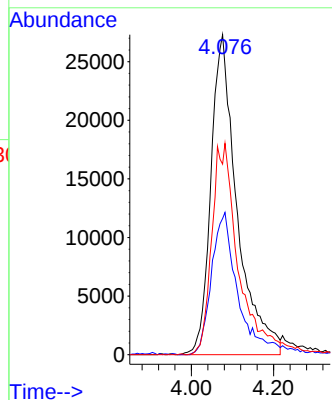
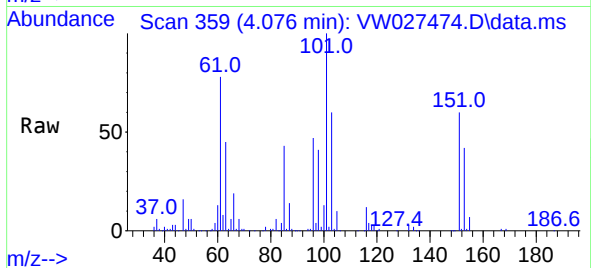




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.674 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

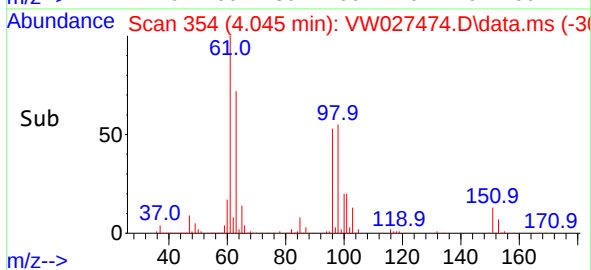
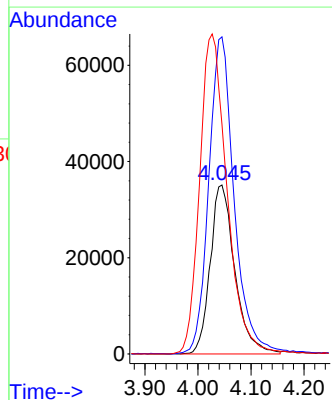
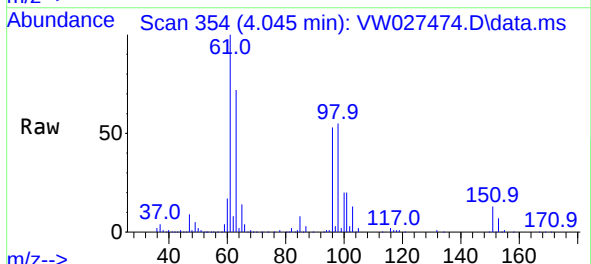
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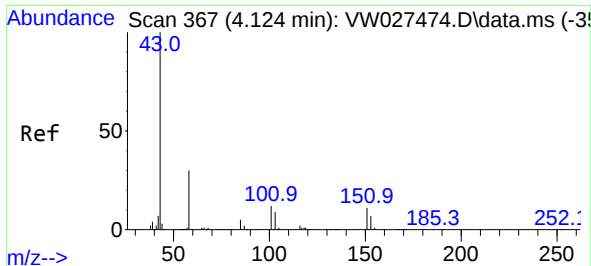
Tgt Ion:101 Resp: 120983
Ion Ratio Lower Upper
101 100
85 42.8 34.1 51.1
151 28.9 49.5 74.3#



#12
1,1-Dichloroethene
Concen: 25.679 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 96 Resp: 113189
Ion Ratio Lower Upper
96 100
61 187.7 133.3 247.5
63 135.9 115.8 215.2

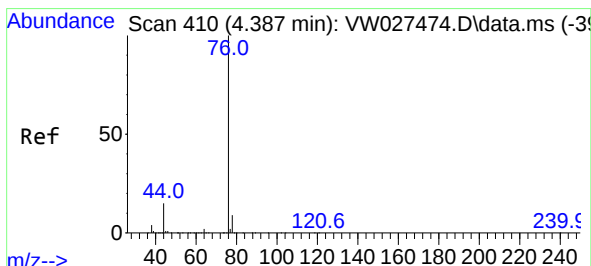
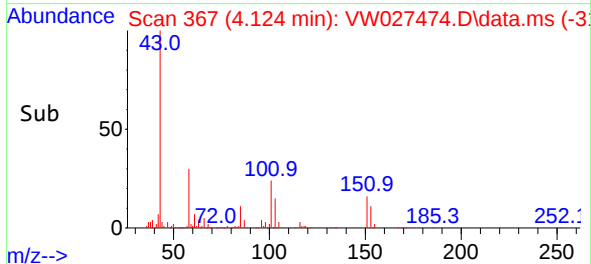
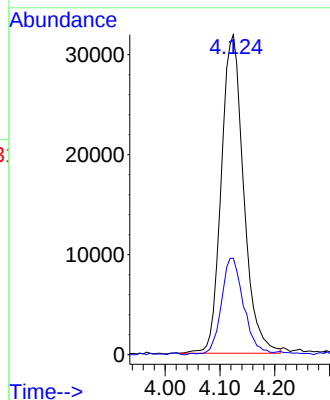
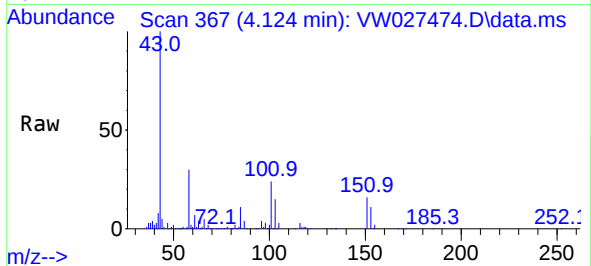




#13
Acetone
Concen: 61.360 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

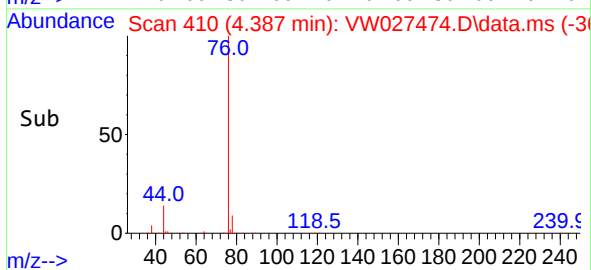
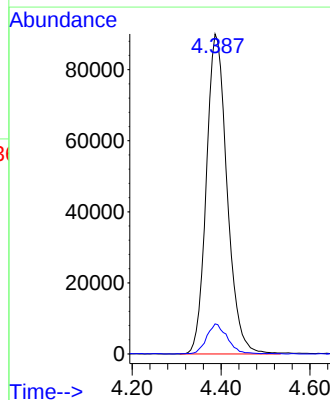
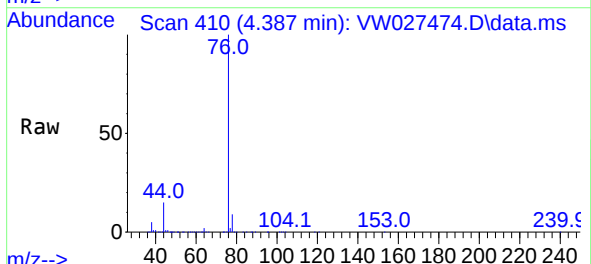
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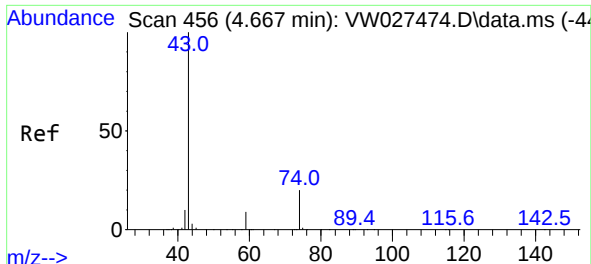
Tgt Ion: 43 Resp: 90366
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.8



#14
Carbon disulfide
Concen: 21.388 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 76 Resp: 292258
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

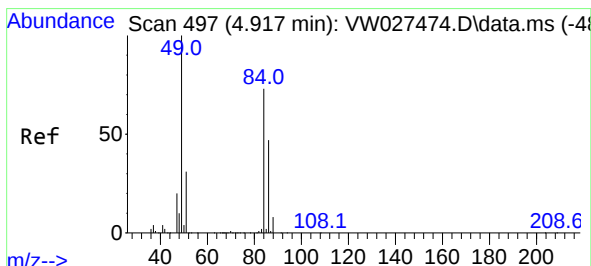
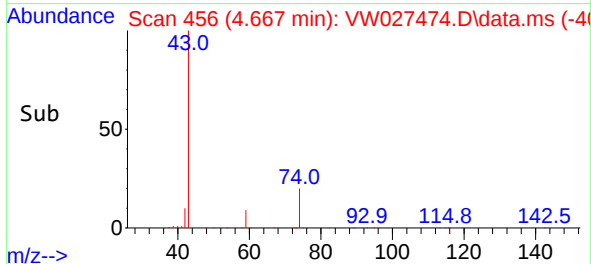
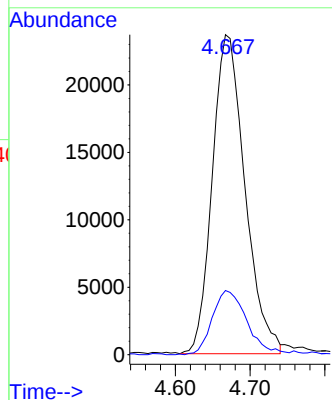
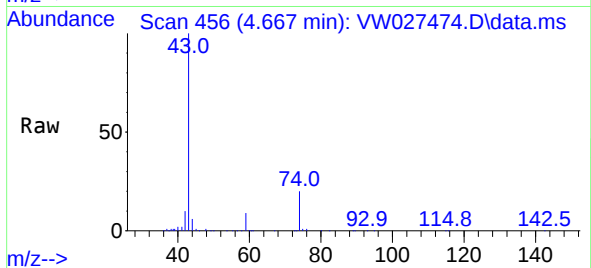




#15
Methyl Acetate
Concen: 28.562 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

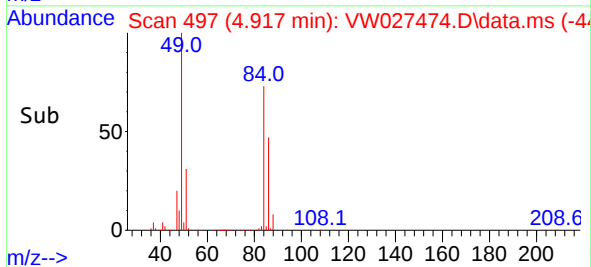
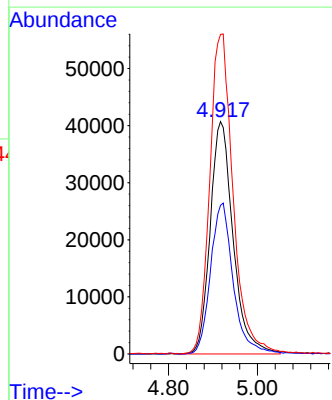
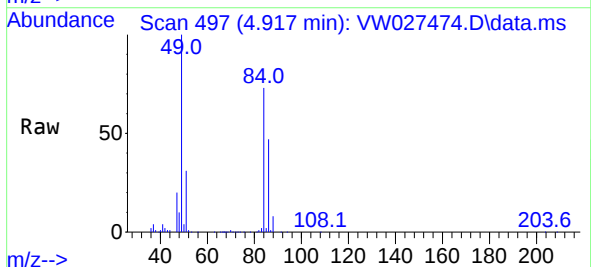
Instrument :
MSVOA_W
ClientSampleId :

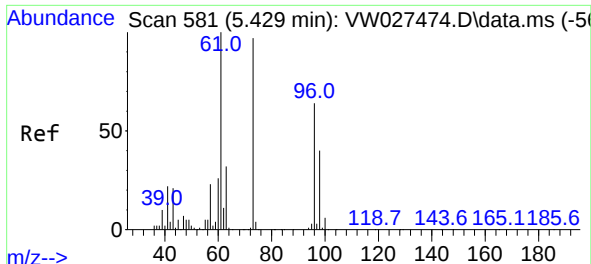
Tgt Ion: 43 Resp: 71845
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3



#16
Methylene chloride
Concen: 23.716 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

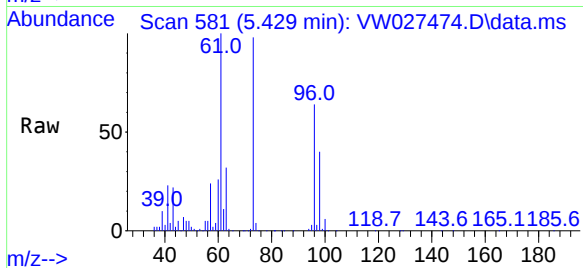
Tgt Ion: 84 Resp: 145928
Ion Ratio Lower Upper
84 100
86 64.0 41.3 76.7
49 137.5 92.8 172.4



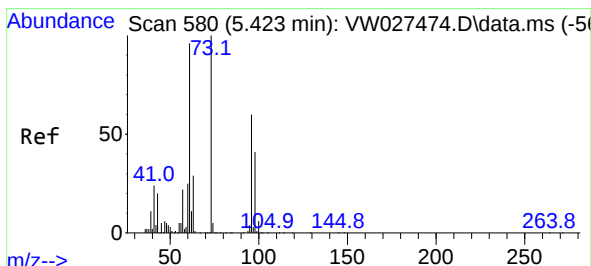
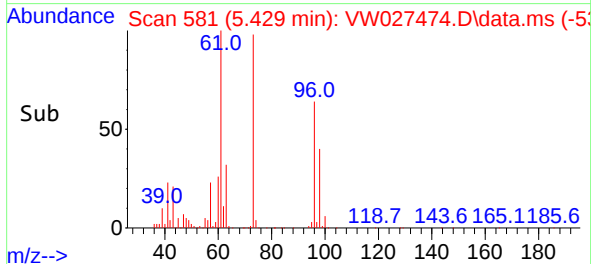
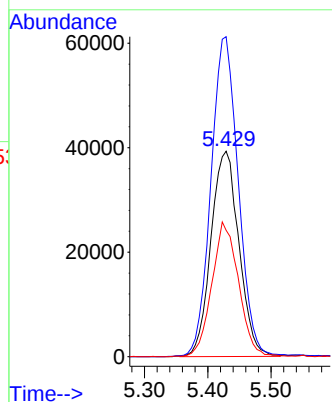


#17
trans-1,2-Dichloroethene
Concen: 25.490 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

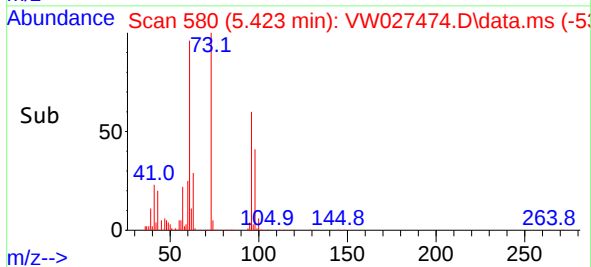
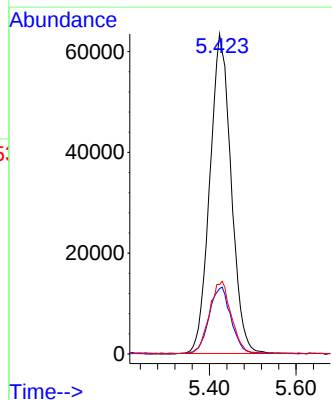
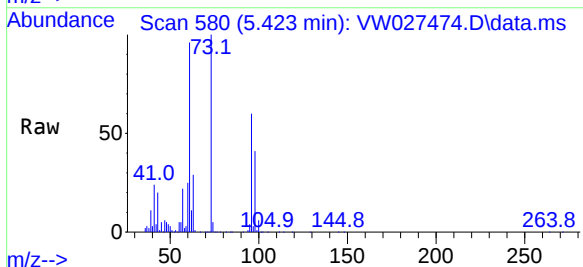


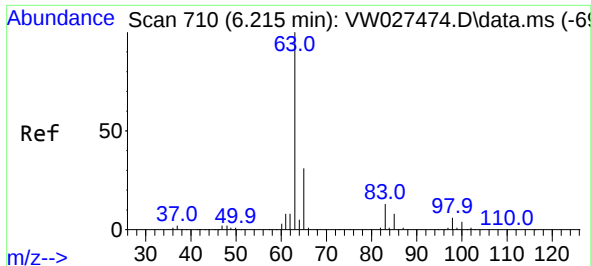
Tgt Ion: 96 Resp: 120751
Ion Ratio Lower Upper
96 100
61 155.8 105.6 196.0
98 61.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.483 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 73 Resp: 216445
Ion Ratio Lower Upper
73 100
43 21.1 17.7 26.5
57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 27.704 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

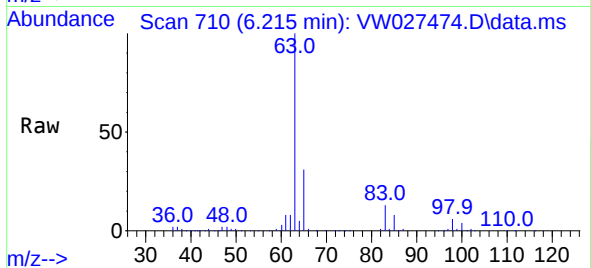
Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :



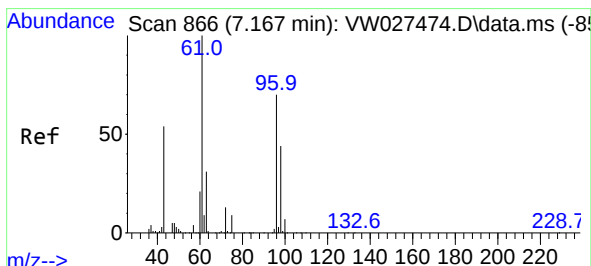
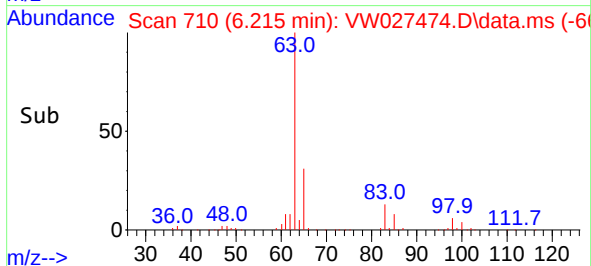
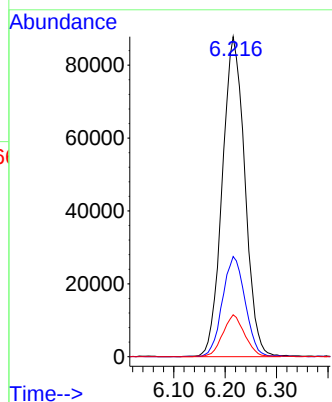
Tgt Ion: 63 Resp: 267759

Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.842 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

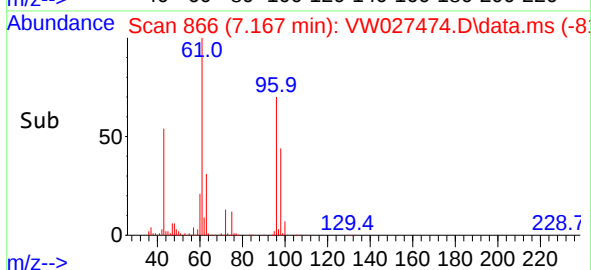
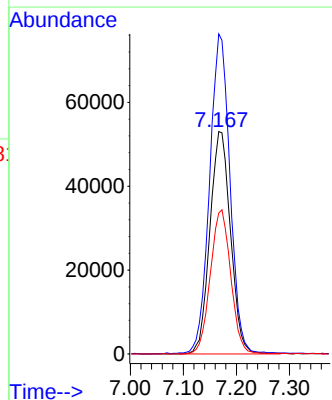
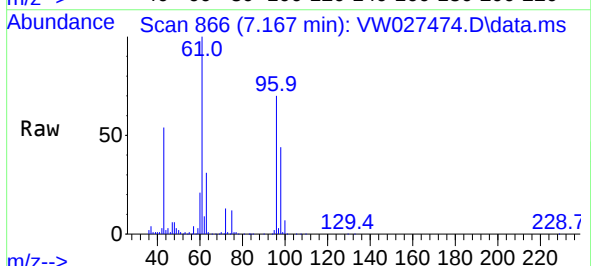
Tgt Ion: 96 Resp: 143597

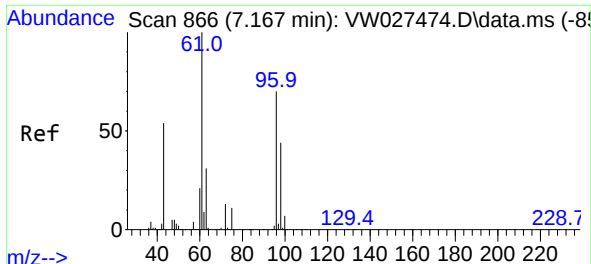
Ion Ratio Lower Upper

96 100

61 143.8 96.2 178.8

98 63.4 46.0 85.4

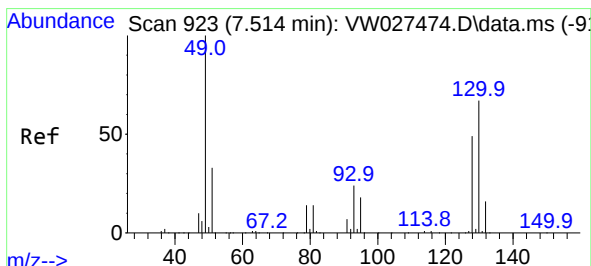
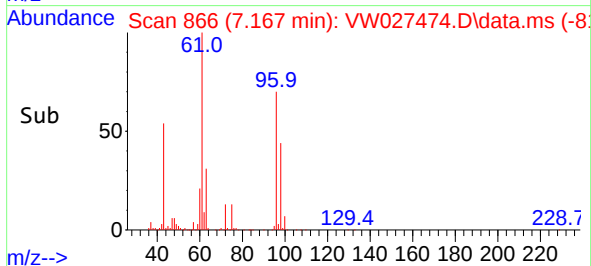
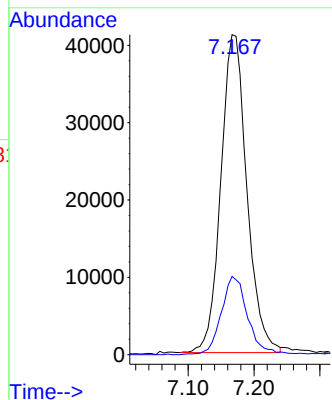
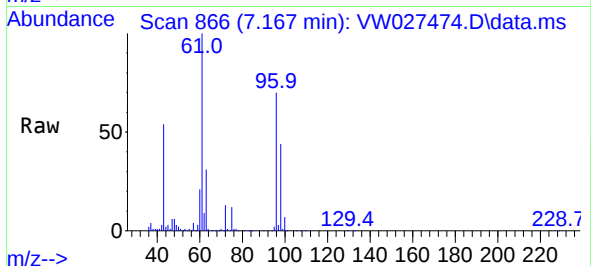




#22
2-Butanone
Concen: 51.412 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

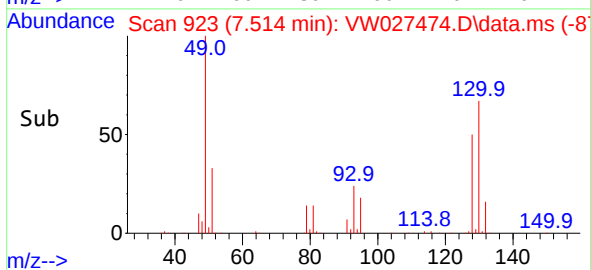
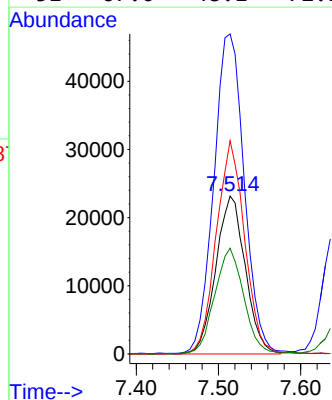
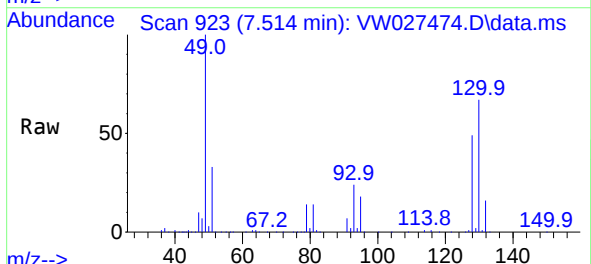
Instrument :
MSVOA_W
ClientSampleId :

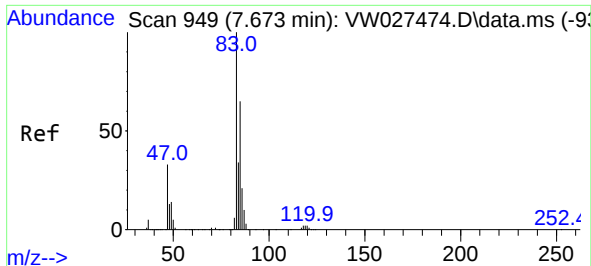
Tgt Ion: 43 Resp: 113332
Ion Ratio Lower Upper
43 100
72 24.6 12.3 36.8



#23
Bromochloromethane
Concen: 26.130 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 128 Resp: 57714
Ion Ratio Lower Upper
128 100
49 202.7 128.9 239.5
130 135.1 85.0 157.8
51 67.0 48.1 72.1

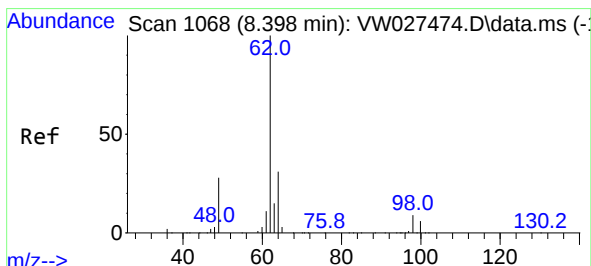
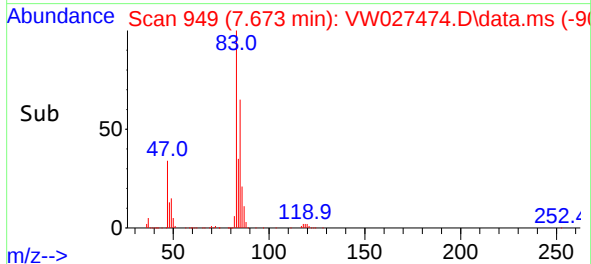
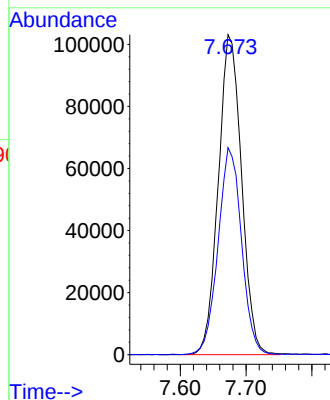
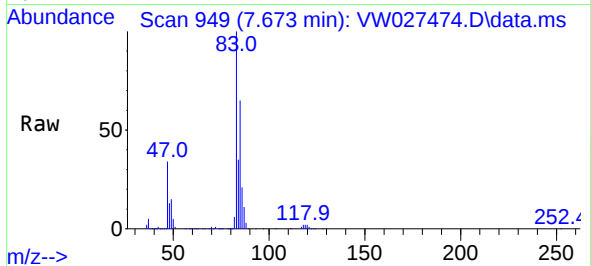




#25
Chloroform
Concen: 28.025 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

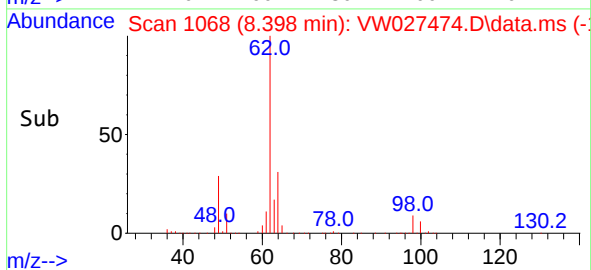
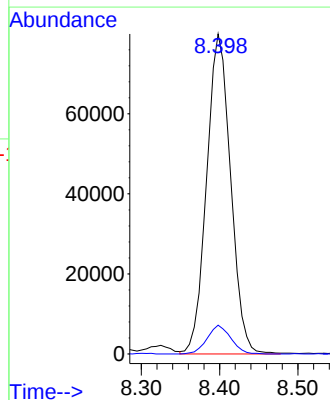
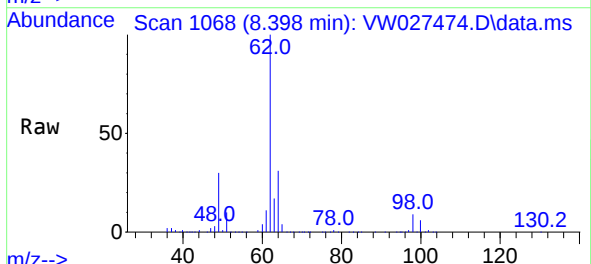
Instrument :
MSVOA_W
ClientSampleId :

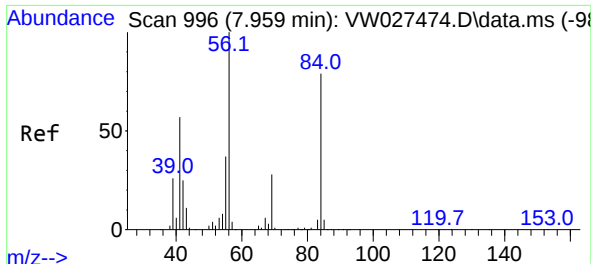
Tgt Ion: 83 Resp: 253507
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.745 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 62 Resp: 170485
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3





#29

Cyclohexane

Concen: 24.146 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

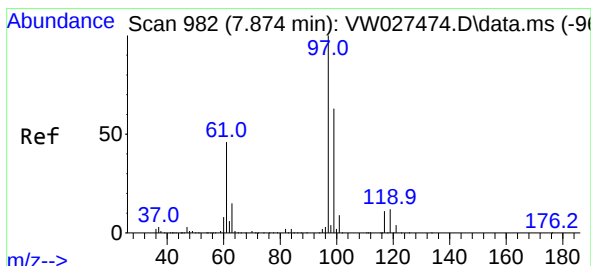
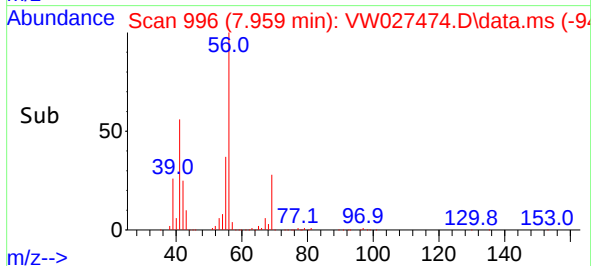
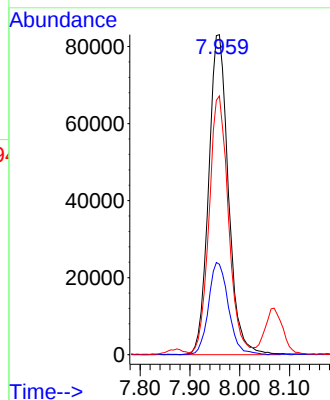
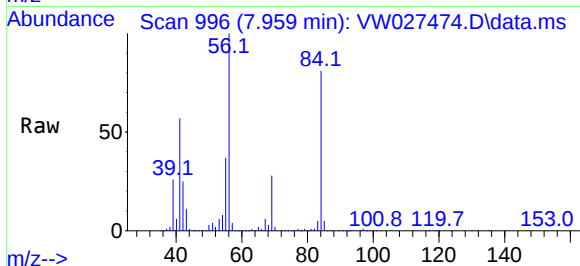
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 228617

Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.2	36.4
84	79.5	65.1	97.7



#30

1,1,1-Trichloroethane

Concen: 26.740 ug/L

RT: 7.874 min Scan# 982

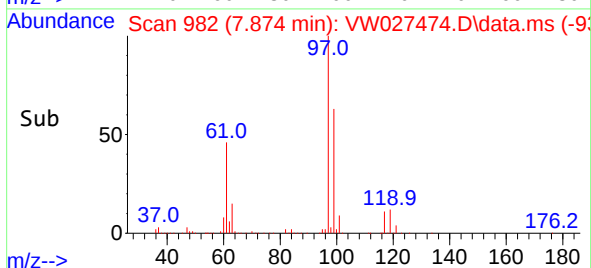
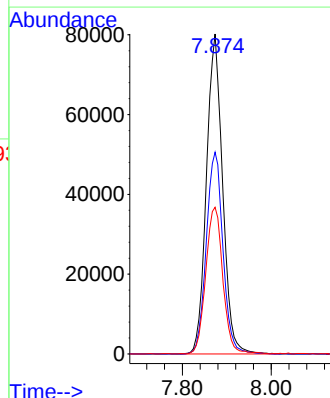
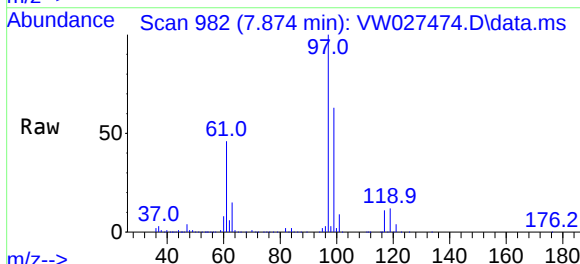
Delta R.T. -0.000 min

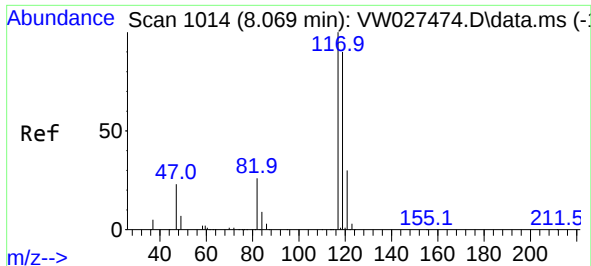
Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Tgt Ion: 97 Resp: 203401

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	47.8	37.4	56.0

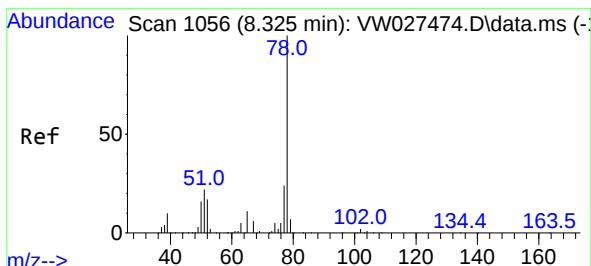
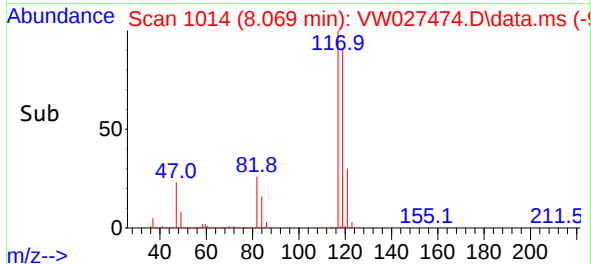
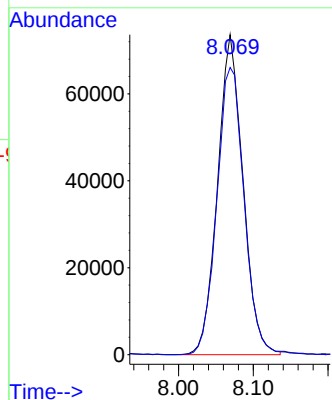
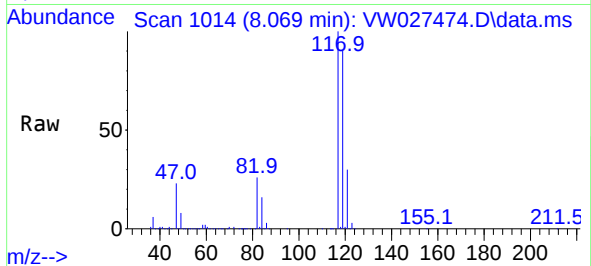




#31
Carbon tetrachloride
Concen: 25.413 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

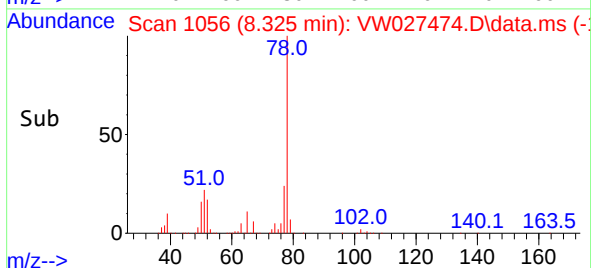
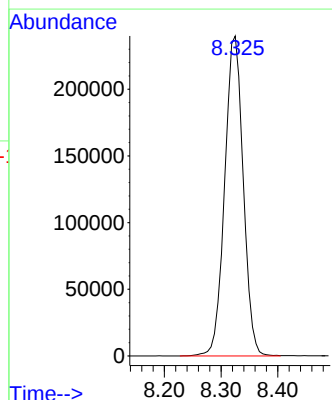
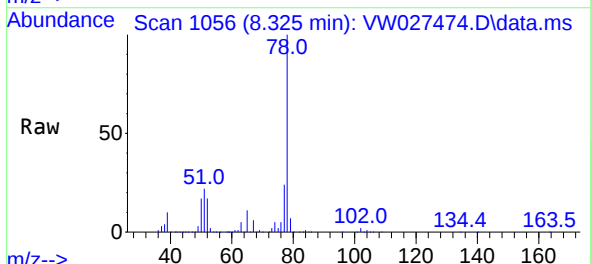
Instrument :
MSVOA_W
ClientSampleId :

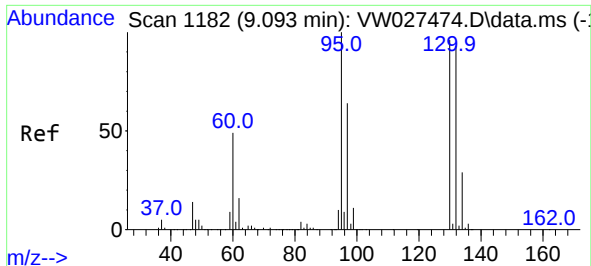
Tgt Ion:117 Resp: 174304
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 26.740 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

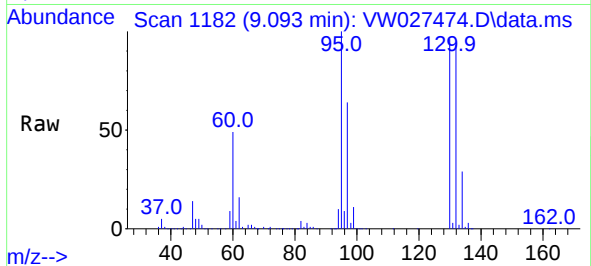
Tgt Ion: 78 Resp: 544936



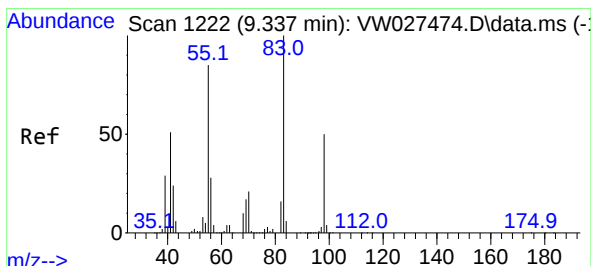
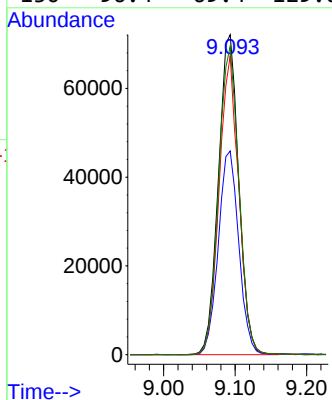


#34
Trichloroethene
Concen: 26.491 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

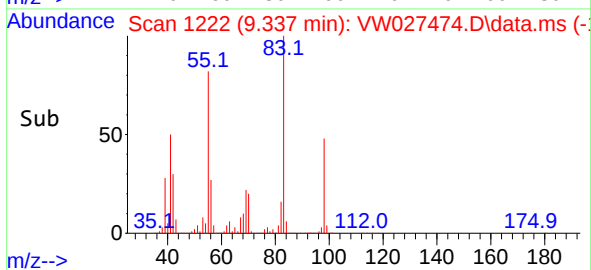
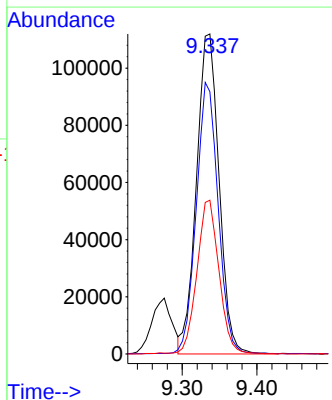
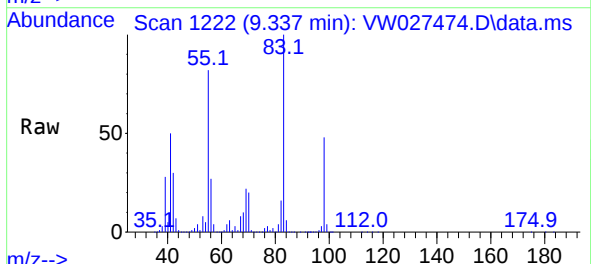


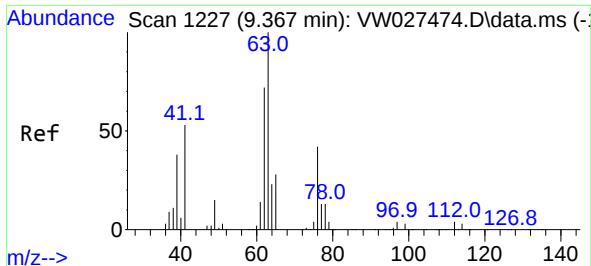
Tgt Ion: 95 Resp: 142605
Ion Ratio Lower Upper
95 100
97 63.6 43.4 80.6
132 93.4 67.6 125.6
130 96.4 69.4 129.0



#35
Methylcyclohexane
Concen: 24.403 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 83 Resp: 234915
Ion Ratio Lower Upper
83 100
55 82.4 65.8 98.8
98 46.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 28.078 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

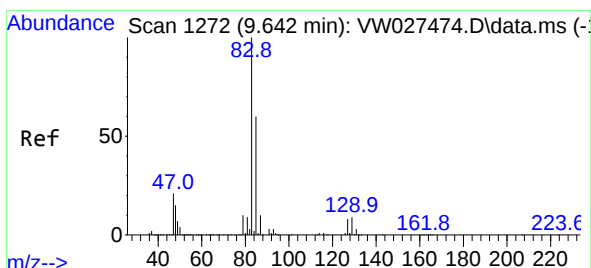
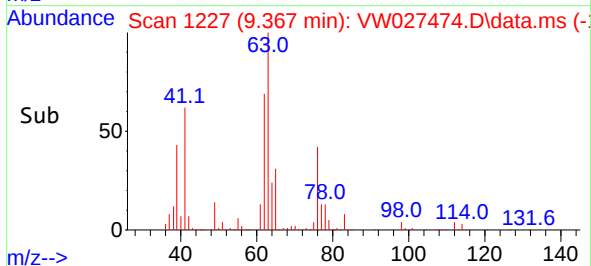
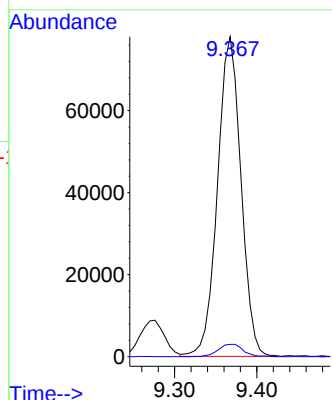
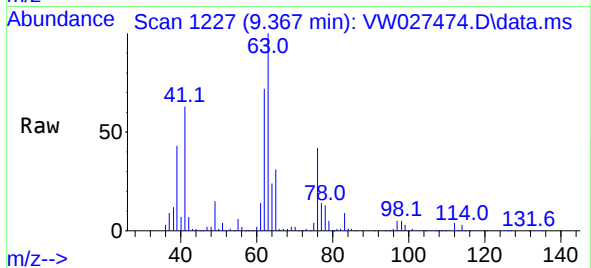
ClientSampleId :

Tgt Ion: 63 Resp: 154716

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 27.267 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

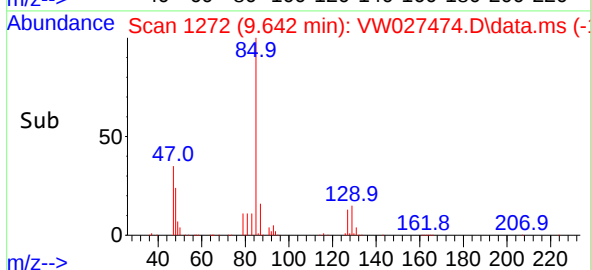
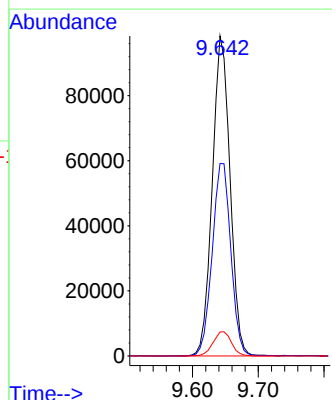
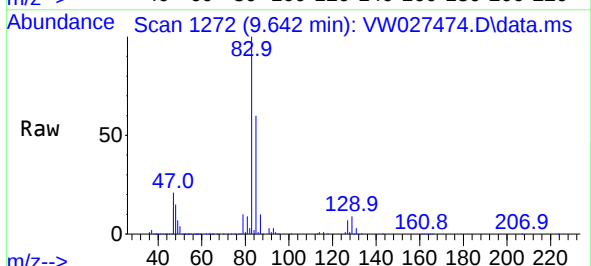
Tgt Ion: 83 Resp: 184751

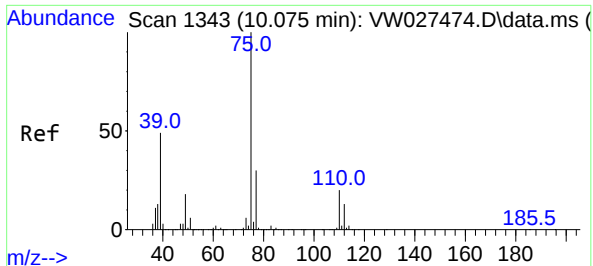
Ion Ratio Lower Upper

83 100

85 60.1 43.9 81.5

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.937 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

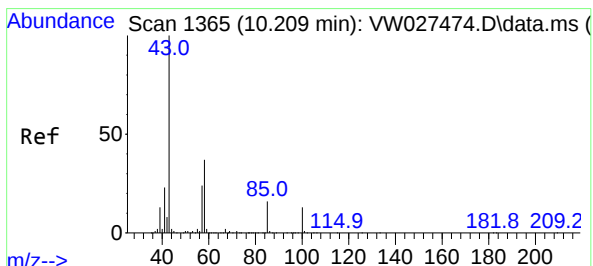
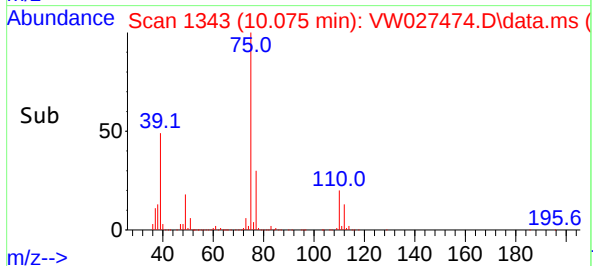
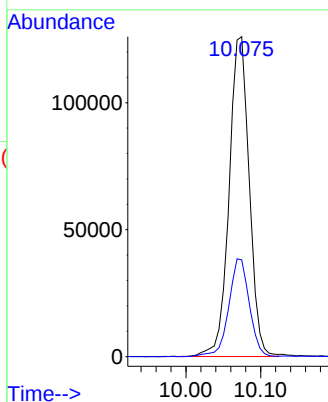
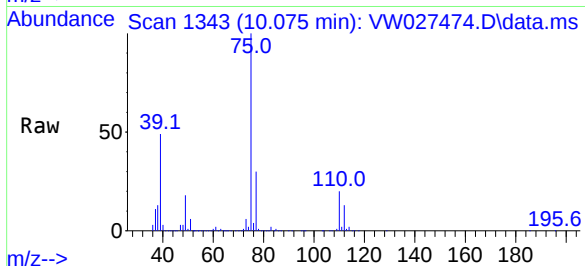
ClientSampleId :

Tgt Ion: 75 Resp: 236093

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.874 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

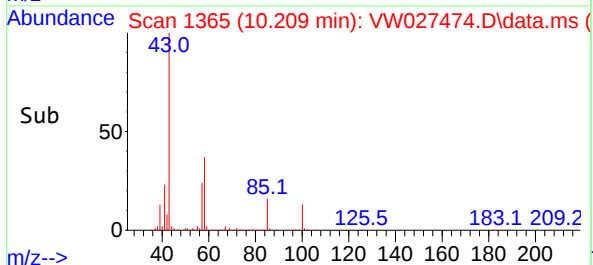
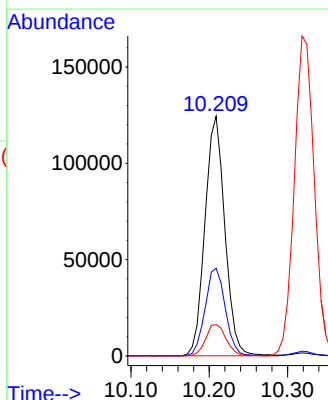
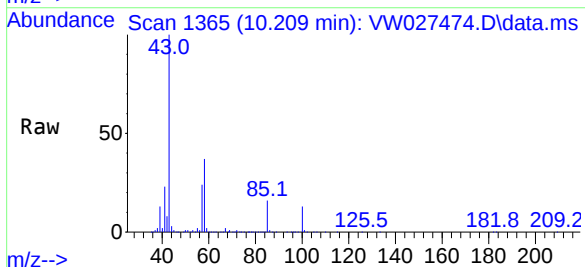
Tgt Ion: 43 Resp: 219314

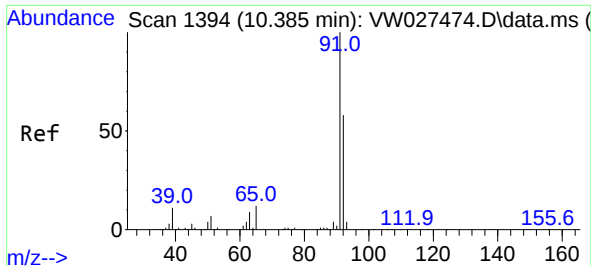
Ion Ratio Lower Upper

43 100

58 37.2 30.5 45.7

100 13.6 11.5 17.3

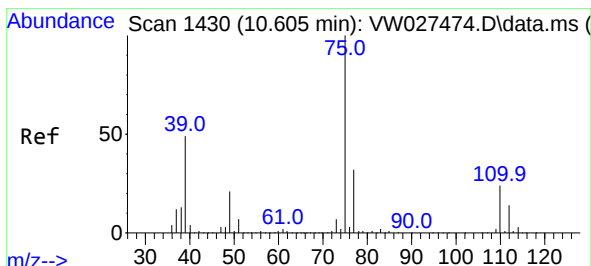
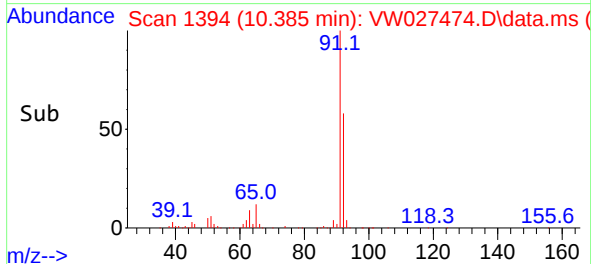
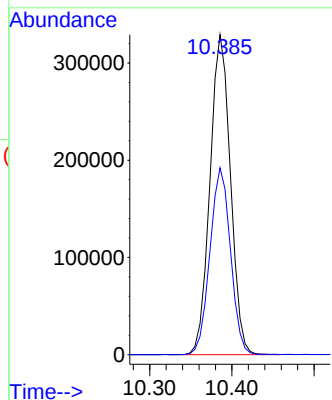
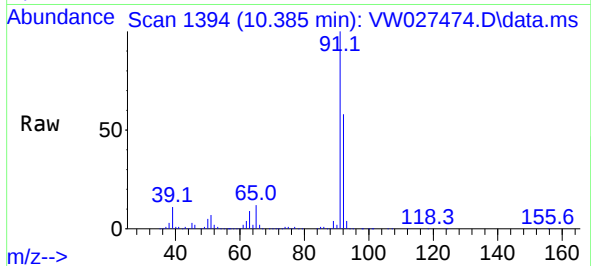




#42
Toluene
Concen: 26.593 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

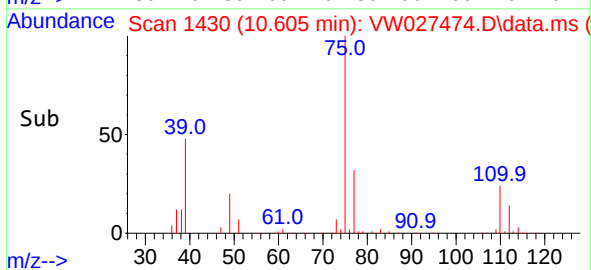
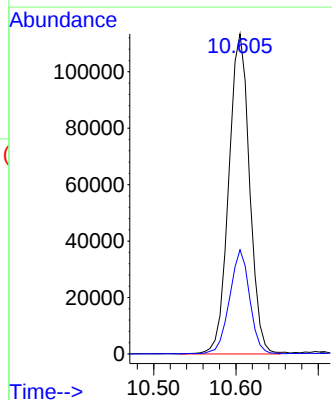
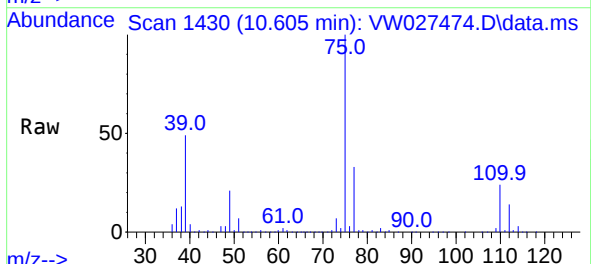
Instrument :
MSVOA_W
ClientSampleId :

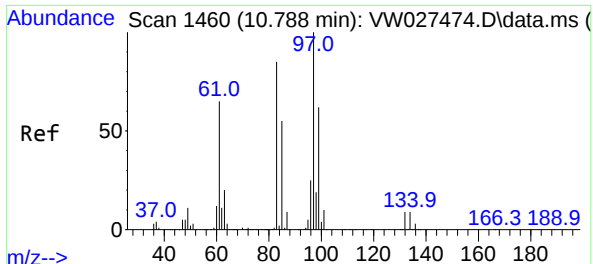
Tgt Ion: 91 Resp: 568526
Ion Ratio Lower Upper
91 100
92 58.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 25.920 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 75 Resp: 199073
Ion Ratio Lower Upper
75 100
77 32.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.638 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 108590

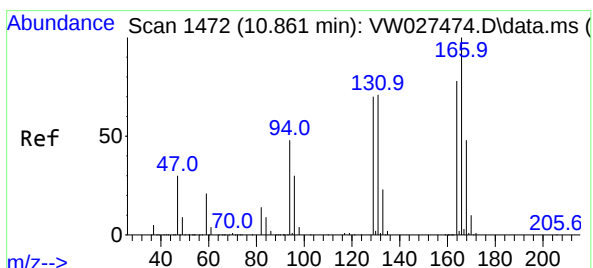
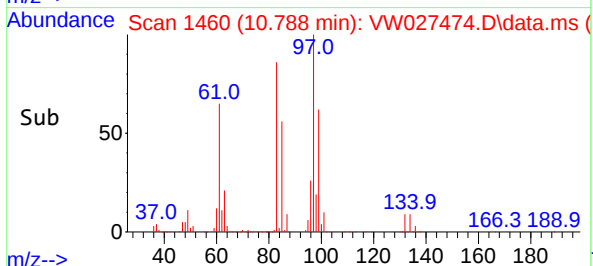
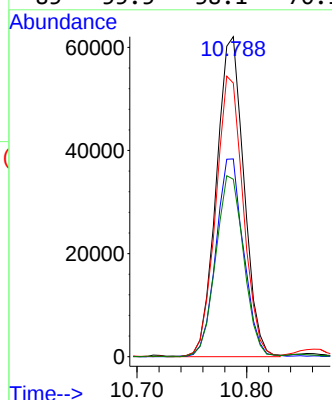
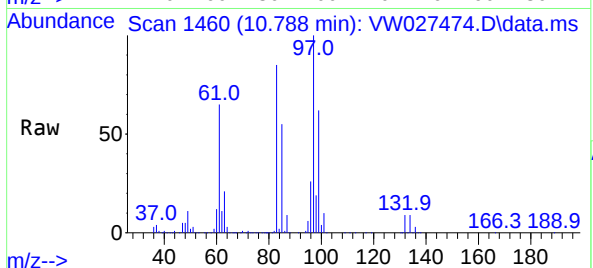
Ion Ratio Lower Upper

97 100

99 61.8 43.8 81.4

83 85.5 57.5 106.7

85 55.5 38.1 70.9



#46

Tetrachloroethene

Concen: 26.225 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Tgt Ion: 164 Resp: 97479

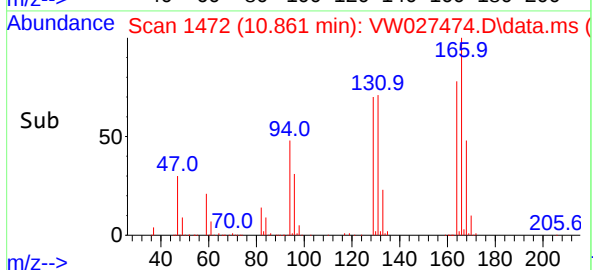
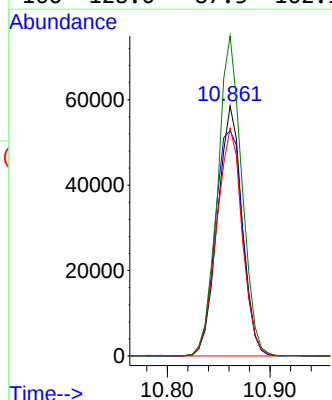
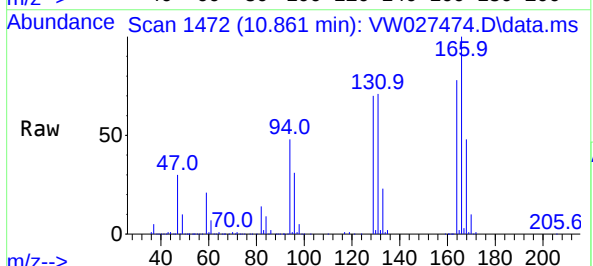
Ion Ratio Lower Upper

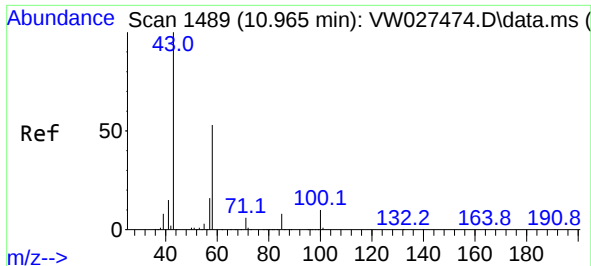
164 100

129 90.2 74.7 138.7

131 91.1 73.2 136.0

166 128.0 87.3 162.1



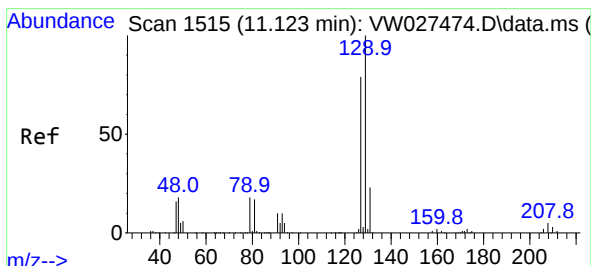
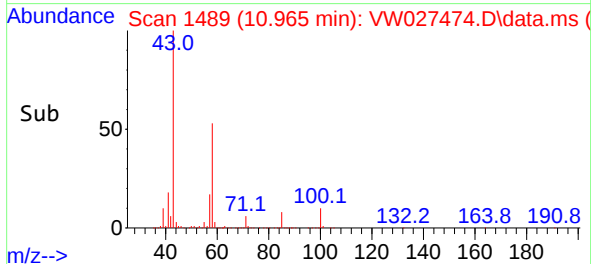
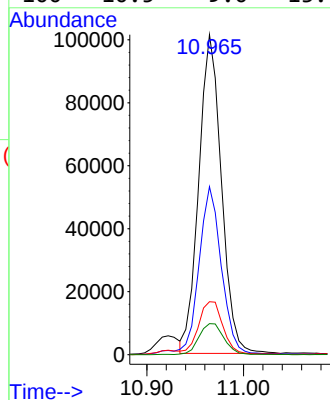
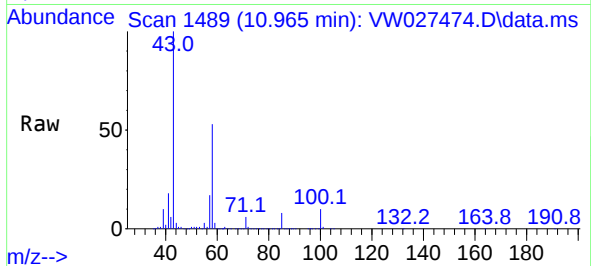


#48
2-Hexanone
Concen: 58.857 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 165082

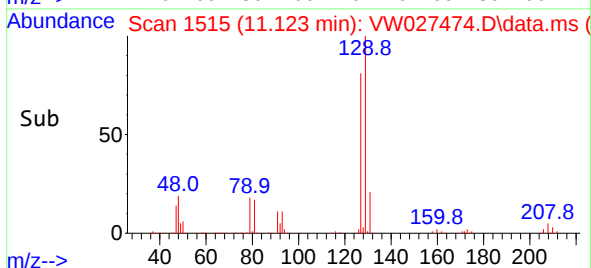
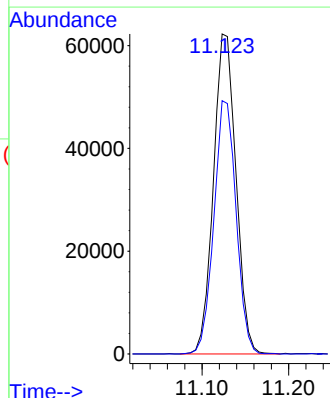
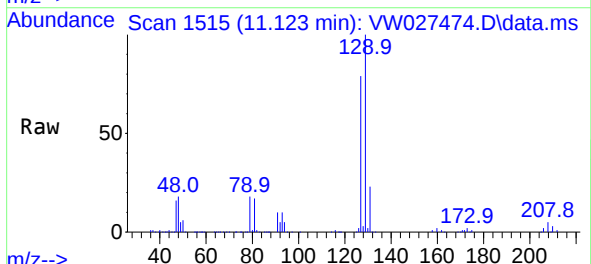
Ion	Ratio	Lower	Upper
43	100		
58	51.5	42.2	63.4
57	17.9	15.1	22.7
100	10.5	9.0	13.4

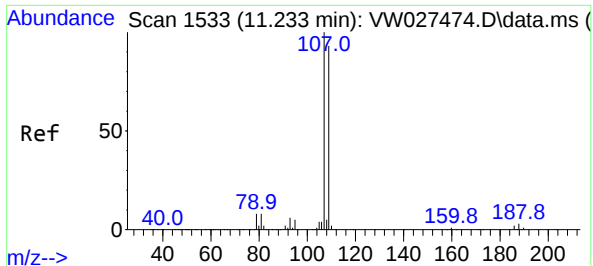


#49
Dibromochloromethane
Concen: 26.756 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 129 Resp: 112674

Ion	Ratio	Lower	Upper
129	100		
127	79.2	51.7	95.9



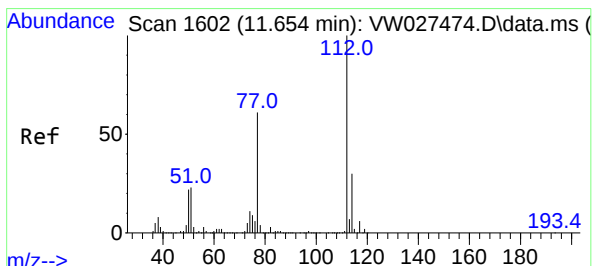
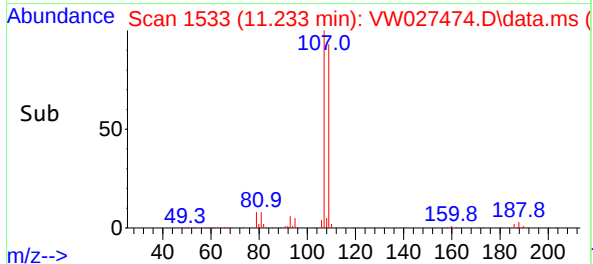
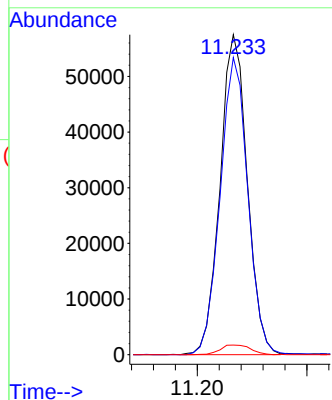
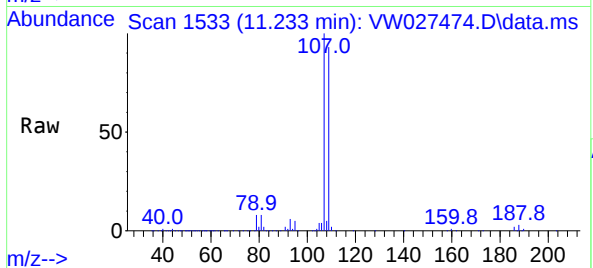


#50
1,2-Dibromoethane
Concen: 26.999 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 99259

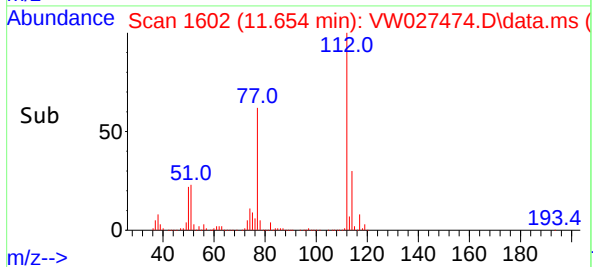
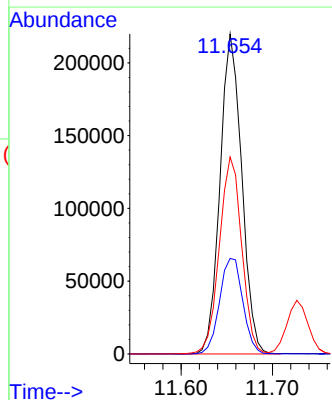
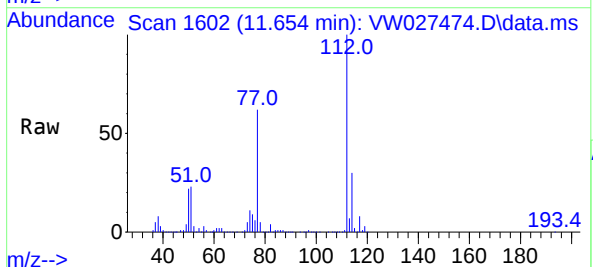
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.3	123.1
188	3.0	3.0	4.4

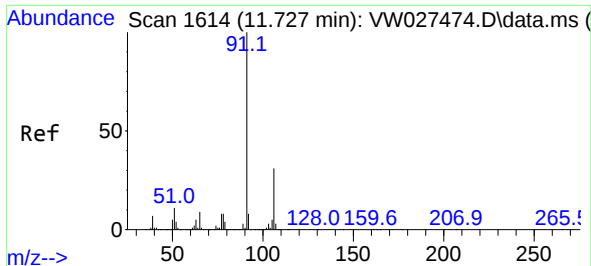


#51
Chlorobenzene
Concen: 27.134 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:112 Resp: 363251

Ion	Ratio	Lower	Upper
112	100		
114	29.9	21.8	40.6
77	61.5	52.2	78.4

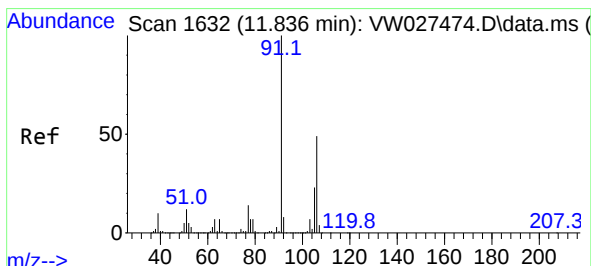
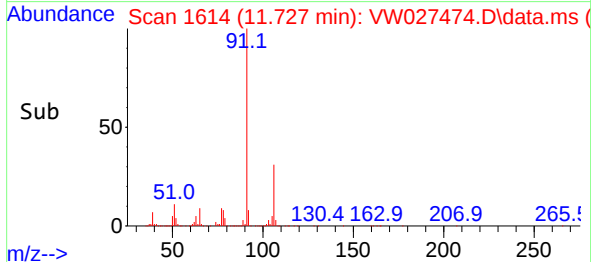
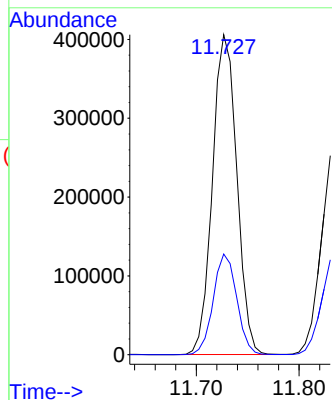
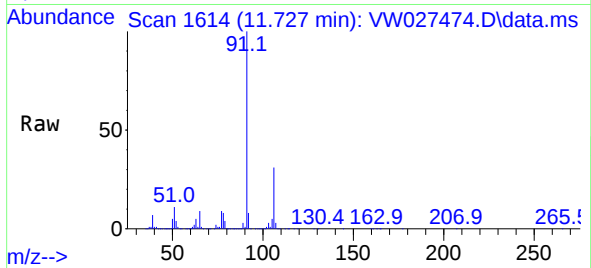




#52
Ethylbenzene
Concen: 26.893 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

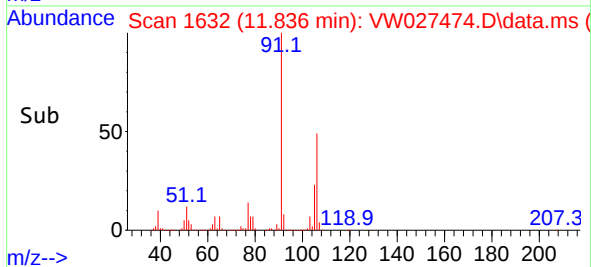
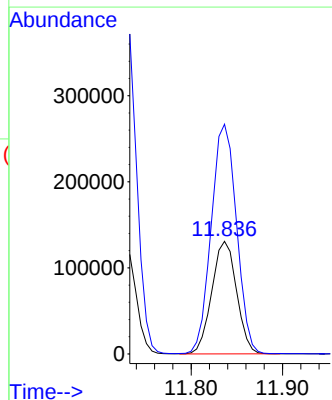
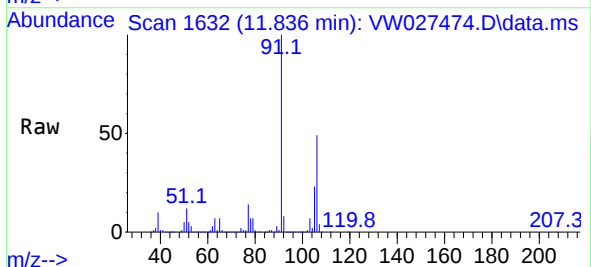
Instrument :
MSVOA_W
ClientSampleId :

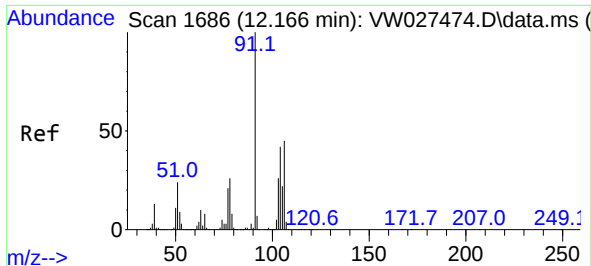
Tgt Ion: 91 Resp: 668114
Ion Ratio Lower Upper
91 100
106 31.5 19.8 36.8



#53
m,p-Xylene
Concen: 26.121 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:106 Resp: 246132
Ion Ratio Lower Upper
106 100
91 203.9 144.5 268.4

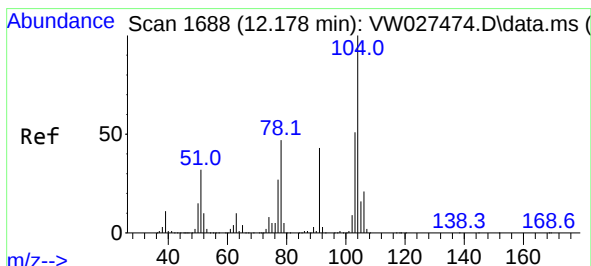
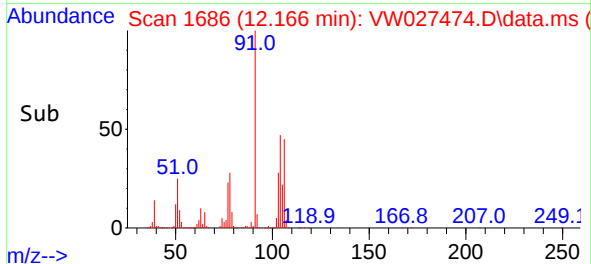
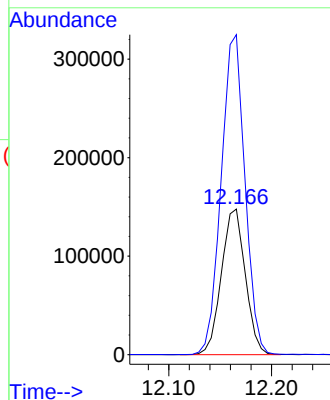
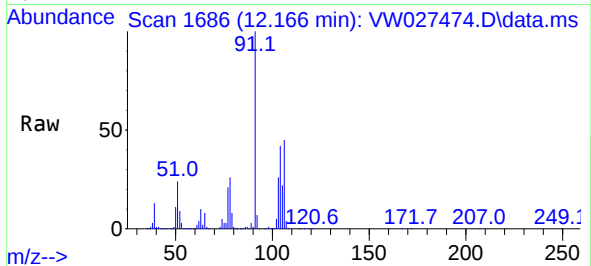




#54
o-Xylene
Concen: 26.490 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

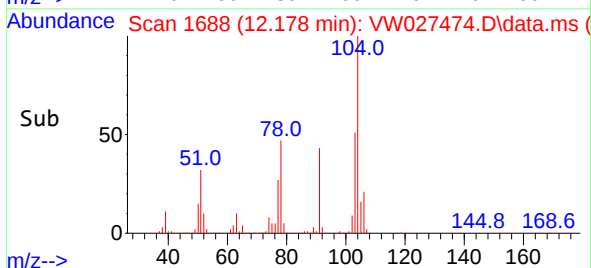
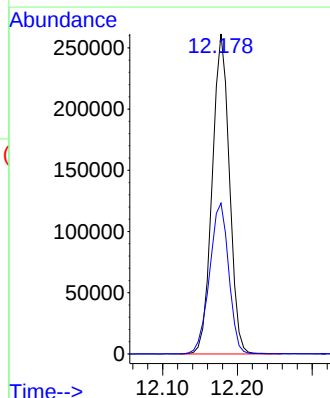
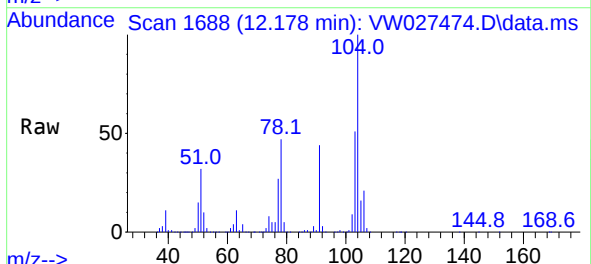
Instrument :
MSVOA_W
ClientSampleId :

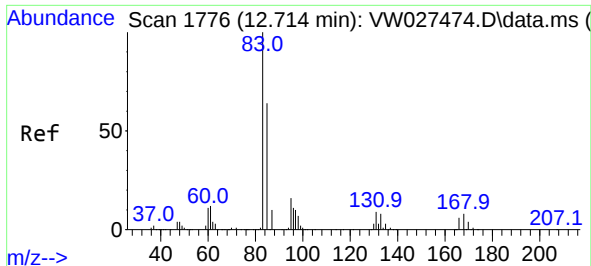
Tgt Ion:106 Resp: 239029
Ion Ratio Lower Upper
106 100
91 219.9 152.0 282.2



#55
Styrene
Concen: 27.147 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:104 Resp: 418347
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.6

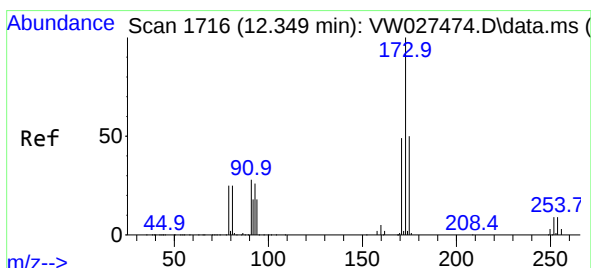
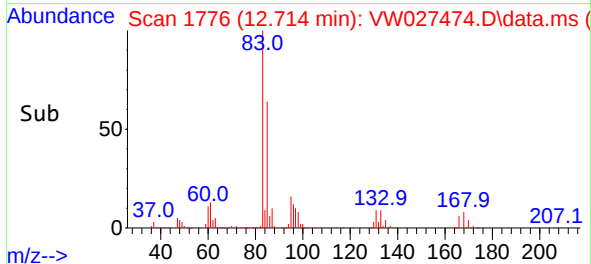
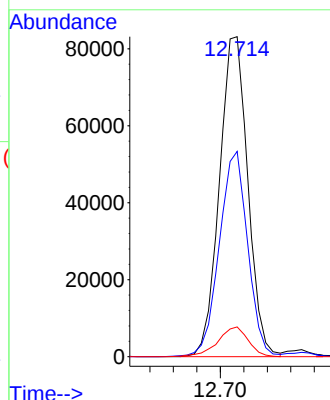
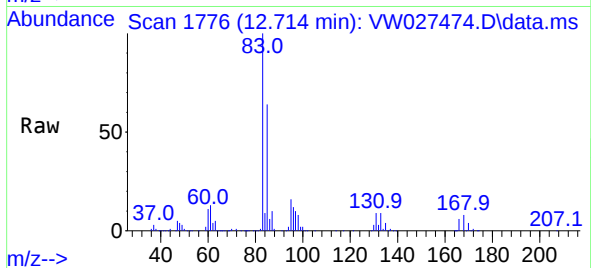




#57
1,1,2,2-Tetrachloroethane
Concen: 30.167 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

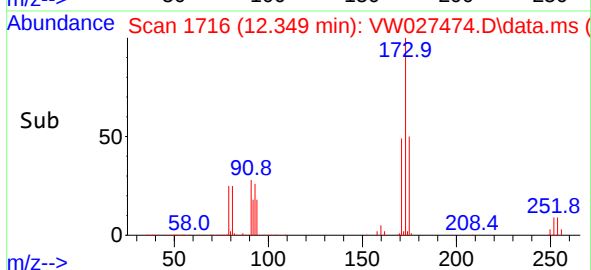
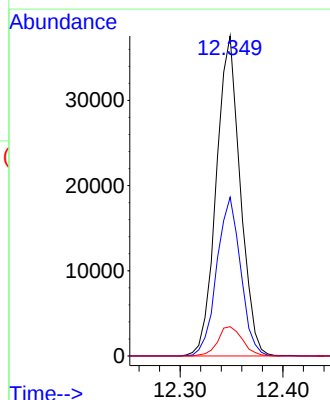
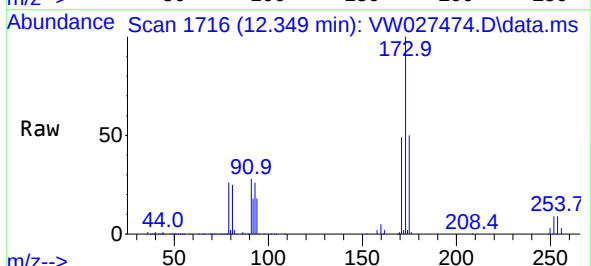
Instrument :
MSVOA_W
ClientSampleId :

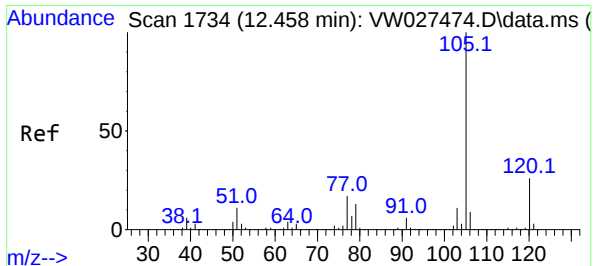
Tgt Ion: 83 Resp: 139639
Ion Ratio Lower Upper
83 100
85 64.2 43.2 80.2
131 9.3 7.2 10.8



#59
Bromoform
Concen: 23.541 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 173 Resp: 60837
Ion Ratio Lower Upper
173 100
175 49.4 39.6 59.4
254 9.4 6.6 10.0

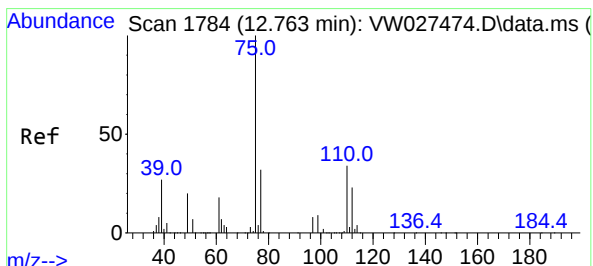
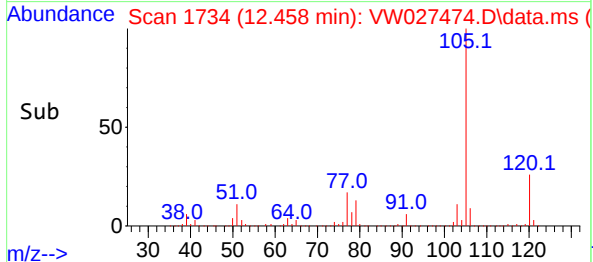
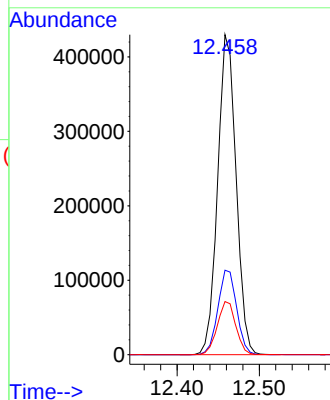
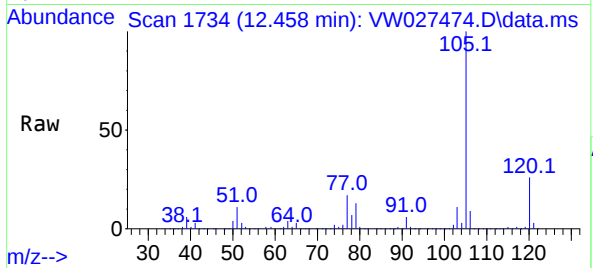




#60
Isopropylbenzene
Concen: 24.555 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

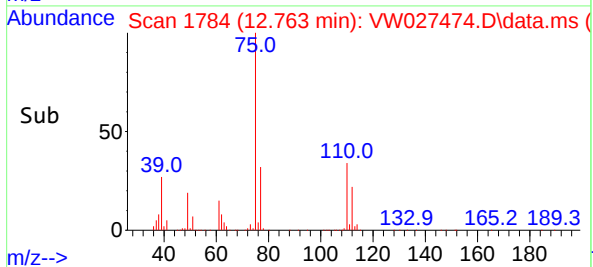
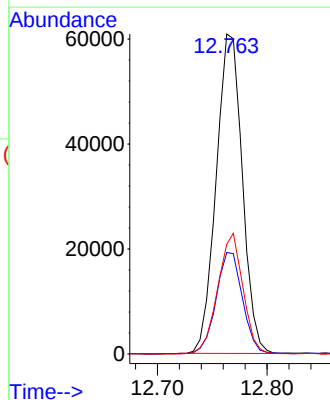
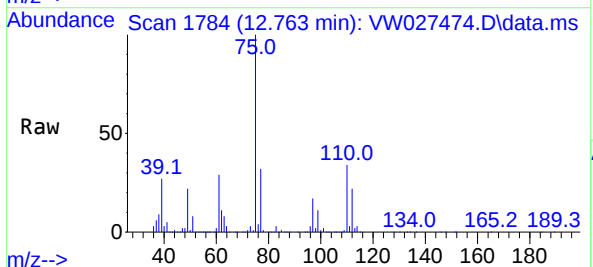
Instrument :
MSVOA_W
ClientSampleId :

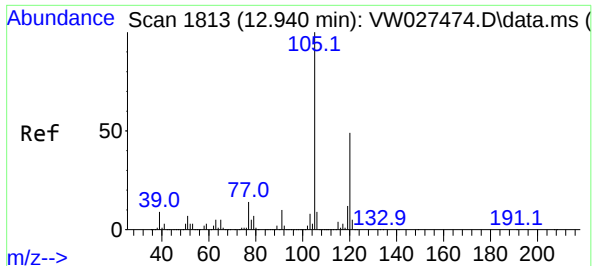
Tgt Ion:105 Resp: 669948
Ion Ratio Lower Upper
105 100
120 26.9 20.1 30.1
77 16.7 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.595 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion: 75 Resp: 100855
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 36.5 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 24.423 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

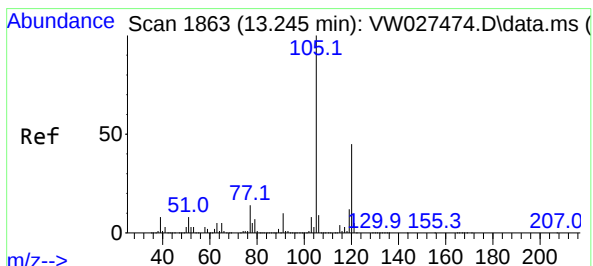
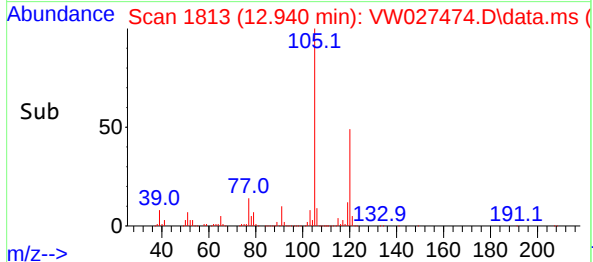
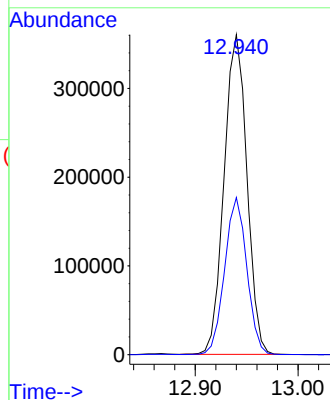
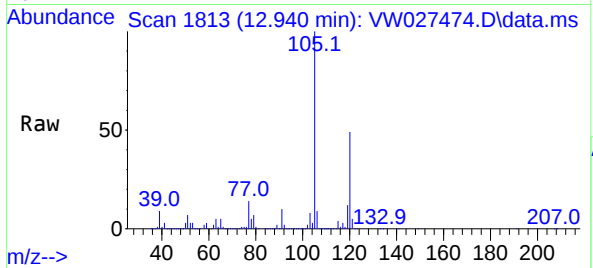
ClientSampleId :

Tgt Ion:105 Resp: 555838

Ion Ratio Lower Upper

105 100

120 47.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.345 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027474.D

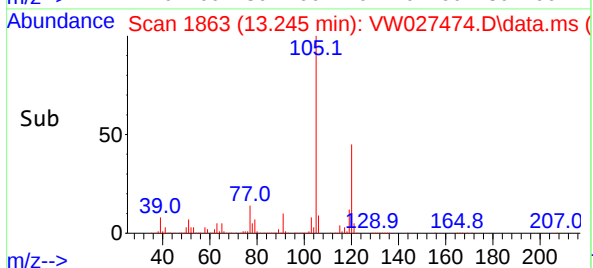
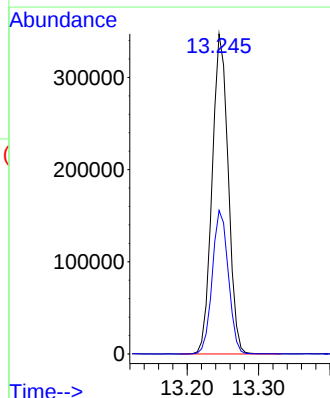
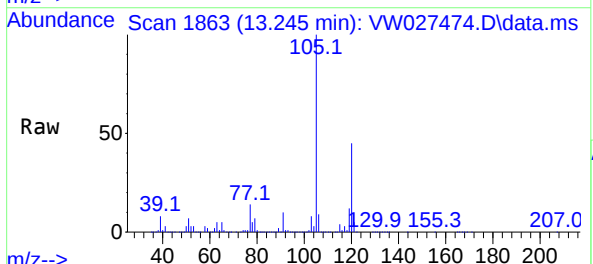
Acq: 30 Oct 2023 10:30

Tgt Ion:105 Resp: 542097

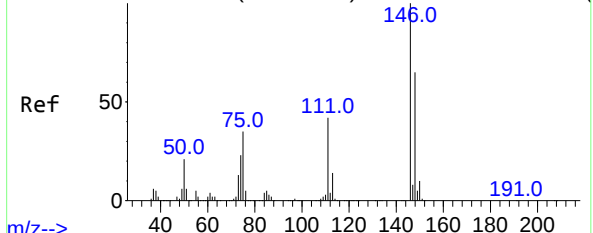
Ion Ratio Lower Upper

105 100

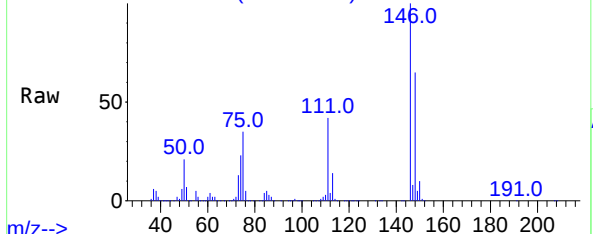
120 44.7 35.4 53.2



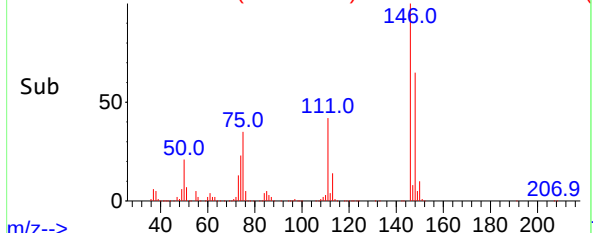
Abundance Scan 1904 (13.495 min): VW027474.D\data.ms (



m/z--> Scan 1904 (13.495 min): VW027474.D\data.ms

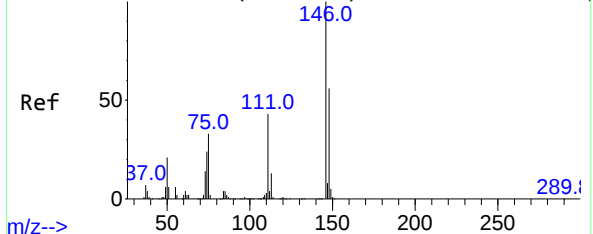


Abundance Scan 1904 (13.495 min): VW027474.D\data.ms (

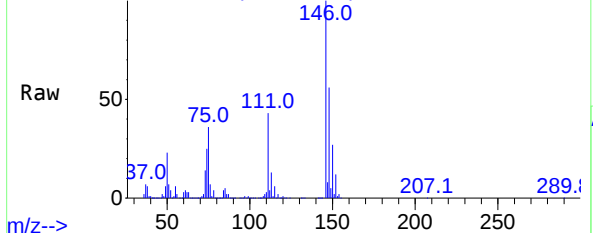


m/z--> Scan 1904 (13.495 min): VW027474.D\data.ms (

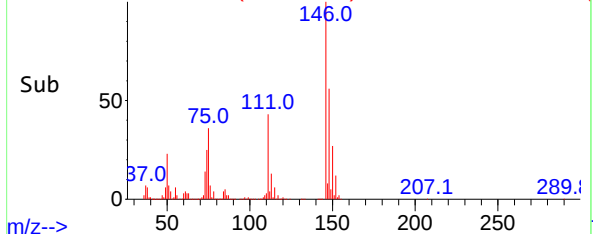
Abundance Scan 1917 (13.574 min): VW027474.D\data.ms (



m/z--> Scan 1917 (13.574 min): VW027474.D\data.ms



Abundance Scan 1917 (13.574 min): VW027474.D\data.ms (



m/z--> Scan 1917 (13.574 min): VW027474.D\data.ms (

#64

1,3-Dichlorobenzene

Concen: 25.489 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 282010

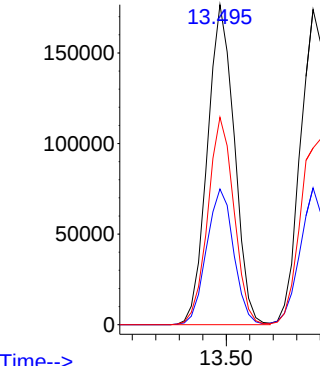
Ion Ratio Lower Upper

146 100

111 42.4 30.8 57.2

148 64.8 46.3 85.9

Abundance



Time-->

#65

1,4-Dichlorobenzene

Concen: 25.553 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Tgt Ion:146 Resp: 282343

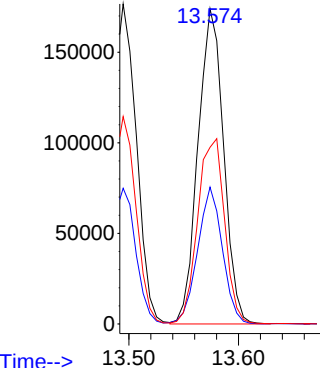
Ion Ratio Lower Upper

146 100

111 43.4 29.5 54.9

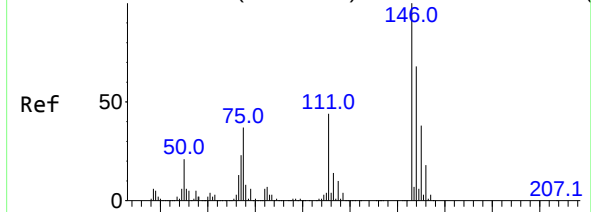
148 56.0 43.0 79.8

Abundance

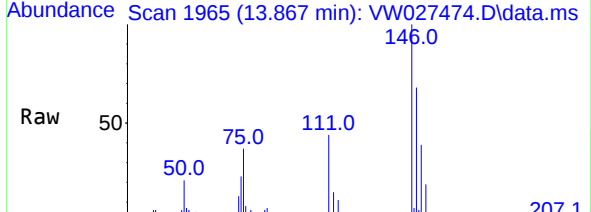


Time-->

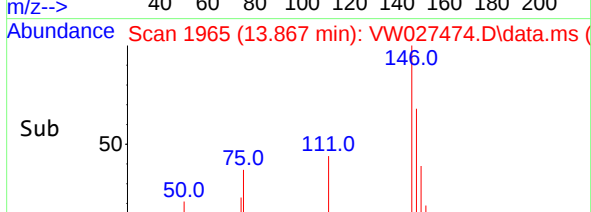
Abundance Scan 1965 (13.867 min): VW027474.D\data.ms (



Abundance Scan 1965 (13.867 min): VW027474.D\data.ms



Abundance Scan 1965 (13.867 min): VW027474.D\data.ms (



Abundance Scan 1965 (13.867 min): VW027474.D\data.ms (

m/z-->

#67

1,2-Dichlorobenzene

Concen: 26.070 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 255945

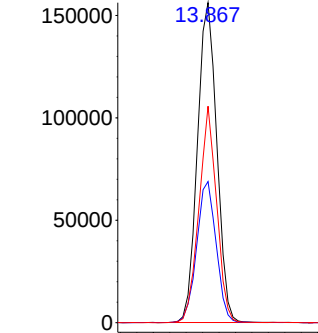
Ion Ratio Lower Upper

146 100

111 44.1 36.8 55.2

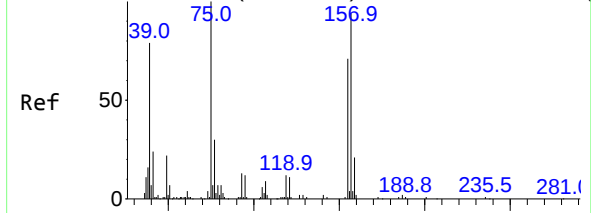
148 67.7 52.3 78.5

Abundance

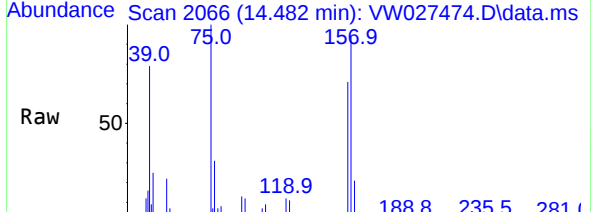


Time-->

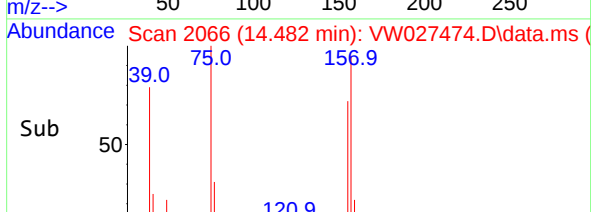
Abundance Scan 2066 (14.482 min): VW027474.D\data.ms (



Abundance Scan 2066 (14.482 min): VW027474.D\data.ms



Abundance Scan 2066 (14.482 min): VW027474.D\data.ms (



Abundance Scan 2066 (14.482 min): VW027474.D\data.ms (

m/z-->

#68

1,2-Dibromo-3-chloropropane

Concen: 23.884 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027474.D

Acq: 30 Oct 2023 10:30

Tgt Ion: 75 Resp: 22637

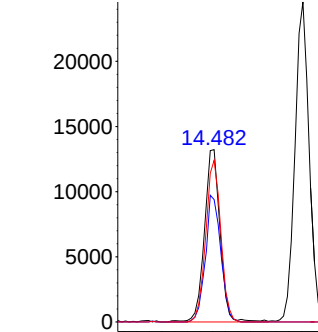
Ion Ratio Lower Upper

75 100

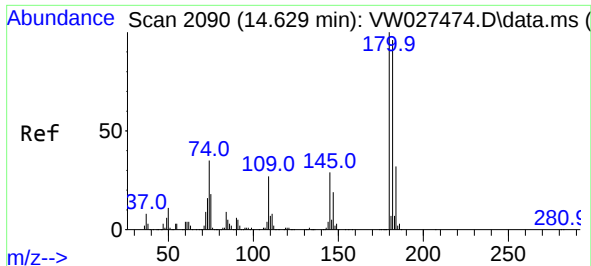
155 71.0 54.9 82.3

157 93.8 64.7 97.1

Abundance

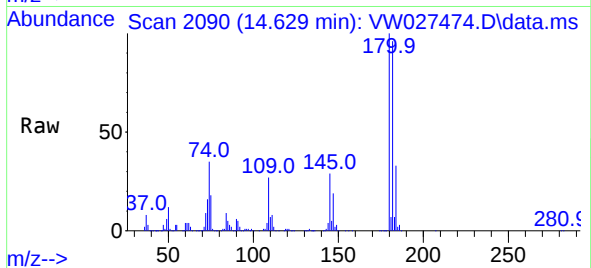


Time-->

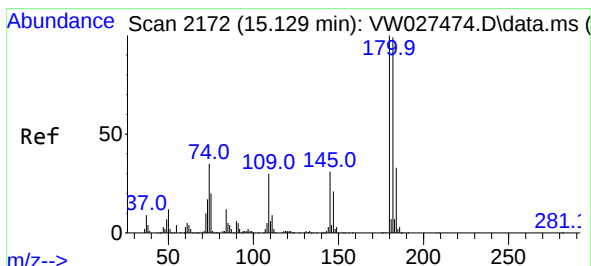
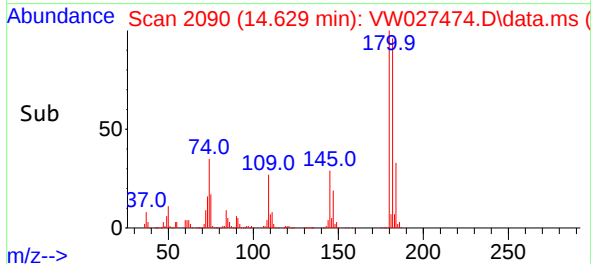
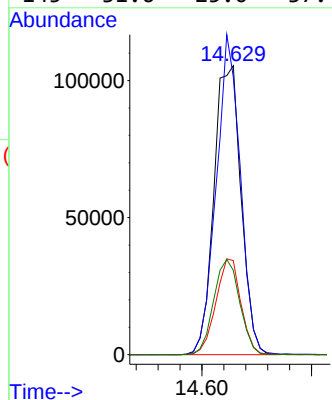


#69
1,3,5-Trichlorobenzene
Concen: 25.282 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

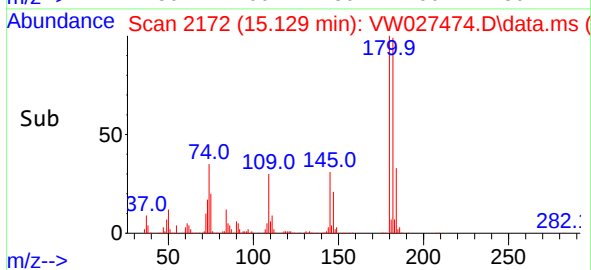
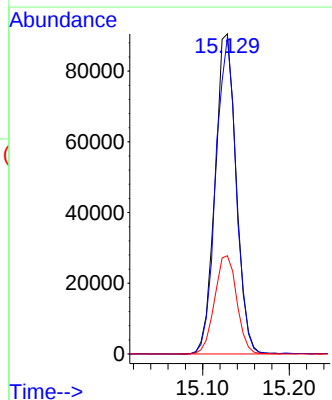
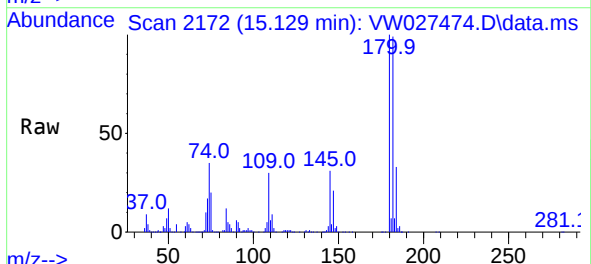


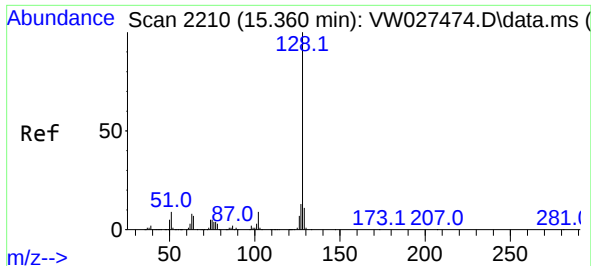
Tgt Ion:180 Resp: 181583
Ion Ratio Lower Upper
180 100
182 97.8 73.4 110.0
184 30.6 23.3 34.9
145 31.6 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 25.047 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:180 Resp: 153114
Ion Ratio Lower Upper
180 100
182 96.1 75.5 113.3
145 32.3 26.4 39.6

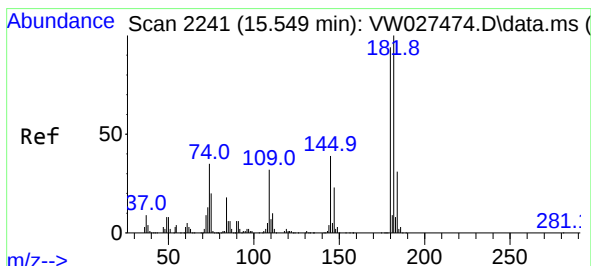
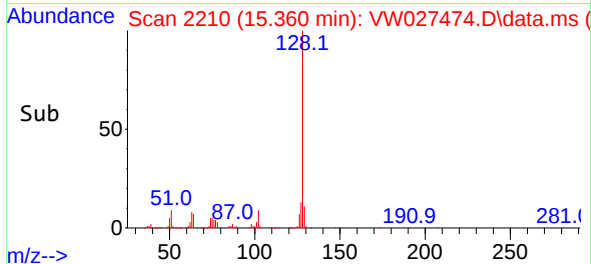
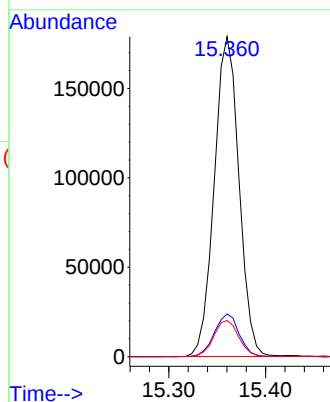
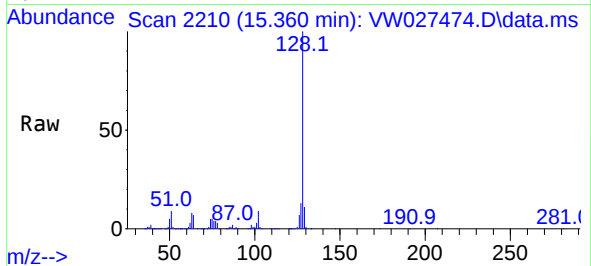




#71
Naphthalene
Concen: 25.214 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 316982
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.5 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.102 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027474.D
Acq: 30 Oct 2023 10:30

Tgt Ion:180 Resp: 131211
Ion Ratio Lower Upper
180 100
182 96.1 81.1 121.7
145 35.6 30.6 45.8

