

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027404.D
 Acq On : 23 Oct 2023 18:50
 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 24 00:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	181929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	125671	21.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.899	69	105436	25.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.040%
11) 1,1-Dichloroethene-d2	4.021	65	63550	22.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.075	46	116025	60.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.300%
24) Chloroform-d	7.648	84	296261	26.358	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	8.307	65	166644	27.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	8.276	84	591770	25.246	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	9.276	67	193556	27.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.120%
41) Toluene-d8	10.325	98	514981	24.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	10.575	79	78960	24.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.760%
47) 2-Hexanone-d5	10.922	63	88604	59.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161261	30.189	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.760%#
66) 1,2-Dichlorobenzene-d4	13.848	152	166225	25.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	79539	17.727	ug/L	# 85
3) Chloromethane	2.229	50	124107	24.068	ug/L	99
5) Vinyl chloride	2.381	62	133976	23.260	ug/L	100
6) Bromomethane	2.789	94	78293	23.864	ug/L	97
8) Chloroethane	2.936	64	80538	24.291	ug/L	95
9) Trichlorofluoromethane	3.265	101	96882	23.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	119544	23.493	ug/L	98
12) 1,1-Dichloroethene	4.045	96	113884	23.030	ug/L	97
13) Acetone	4.118	43	89620	54.242	ug/L	99
14) Carbon disulfide	4.393	76	311957	20.349	ug/L	99
15) Methyl Acetate	4.673	43	80848	28.650	ug/L	98
16) Methylene chloride	4.923	84	136704	19.804	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	123682	23.272	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	240612	26.241	ug/L	99
19) 1,1-Dichloroethane	6.216	63	275403	25.399	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	148387	24.724	ug/L	95
22) 2-Butanone	7.167	43	120467	48.712	ug/L	98
23) Bromochloromethane	7.520	128	62782	25.337	ug/L	99
25) Chloroform	7.679	83	262500	25.866	ug/L	99

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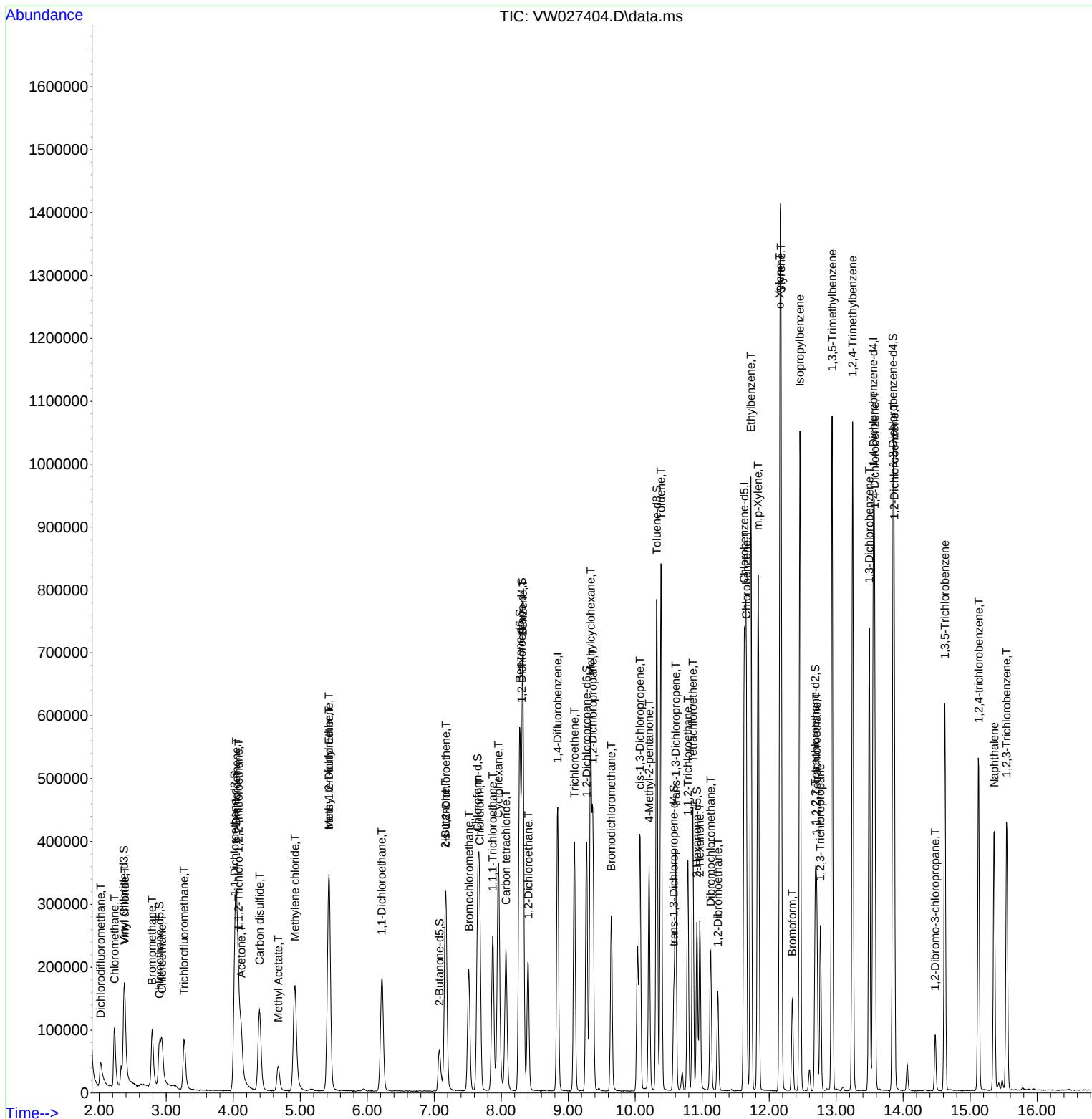
Instrument :
 MSVOA_W
 ClientSampleId :

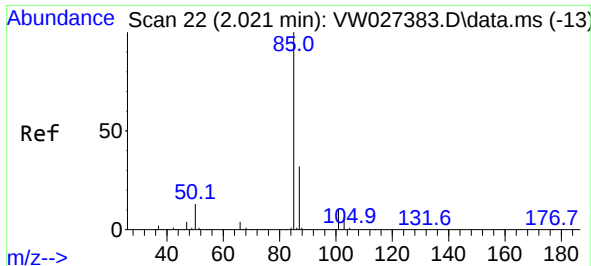
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 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	185520	26.912	ug/L	98
29) Cyclohexane	7.959	56	229917	21.857	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	202973	24.017	ug/L	98
31) Carbon tetrachloride	8.069	117	167832	22.024	ug/L	99
33) Benzene	8.325	78	565906	24.993	ug/L	100
34) Trichloroethene	9.093	95	144747	24.201	ug/L	97
35) Methylcyclohexane	9.337	83	231499	21.644	ug/L	98
37) 1,2-Dichloropropane	9.367	63	162757	26.585	ug/L	99
38) Bromodichloromethane	9.642	83	194208	25.798	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	243085	24.037	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	243800	57.906	ug/L	98
42) Toluene	10.386	91	585092	24.633	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	205425	24.074	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	116145	27.569	ug/L	96
46) Tetrachloroethene	10.861	164	92654	22.435	ug/L	92
48) 2-Hexanone	10.965	43	173531	55.686	ug/L	98
49) Dibromochloromethane	11.129	129	115176	24.617	ug/L	91
50) 1,2-Dibromoethane	11.233	107	104903	25.683	ug/L	99
51) Chlorobenzene	11.660	112	374358	25.169	ug/L	94
52) Ethylbenzene	11.727	91	672863	24.378	ug/L	96
53) m,p-Xylene	11.837	106	246608	23.556	ug/L	94
54) o-Xylene	12.160	106	249571	24.894	ug/L	98
55) Styrene	12.178	104	431317	25.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	142668	27.741	ug/L	99
59) Bromoform	12.343	173	64719	23.907	ug/L	97
60) Isopropylbenzene	12.458	105	668542	23.392	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	109271	27.508	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	572878	24.030	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	550983	23.622	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	275502	23.771	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	285344	24.654	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	265518	25.818	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	24460	24.637	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	174744	23.226	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	152317	23.786	ug/L	99
71) Naphthalene	15.360	128	339537	25.784	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	135975	25.823	ug/L	95

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

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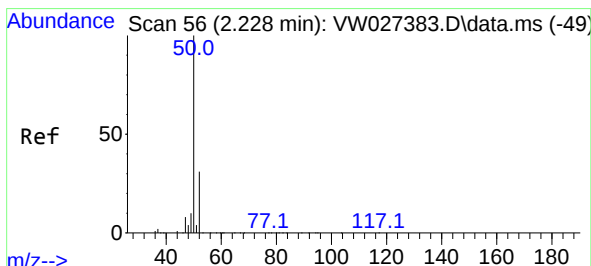
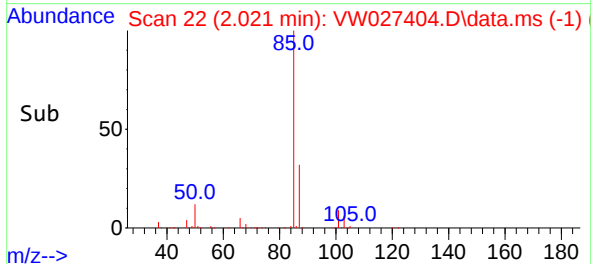
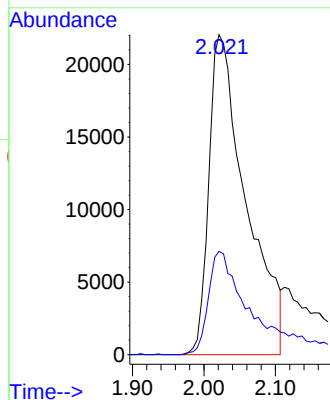
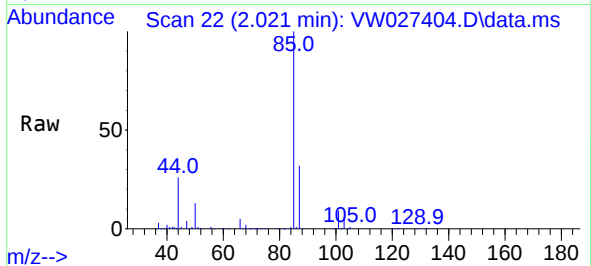




#2
Dichlorodifluoromethane
Concen: 17.727 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

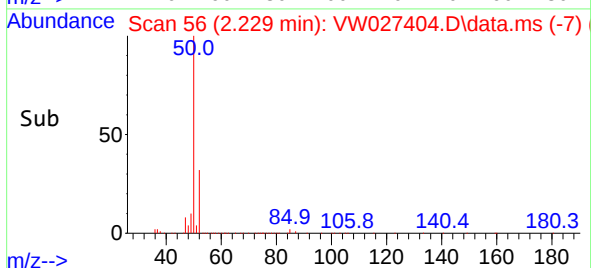
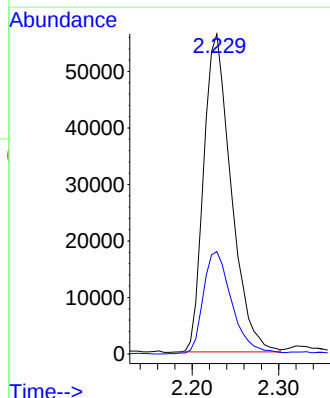
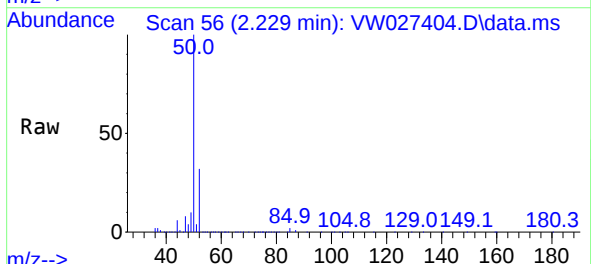
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MSVOA_W
ClientSampleId :

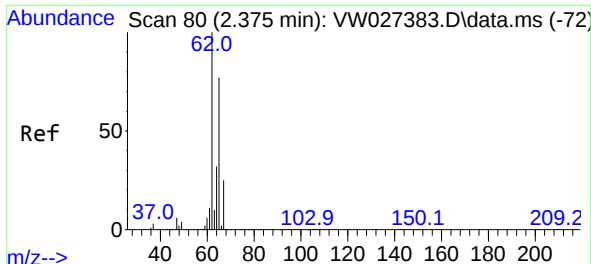
Tgt Ion: 85 Resp: 79539
Ion Ratio Lower Upper
85 100
87 30.0 18.3 27.5#



#3
Chloromethane
Concen: 24.068 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 50 Resp: 124107
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.3

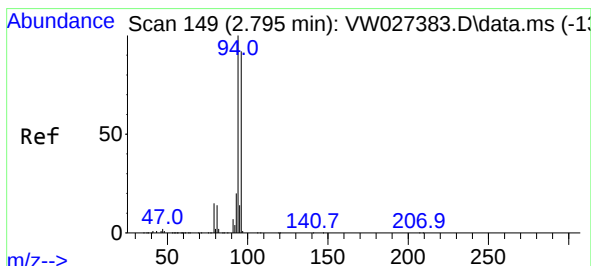
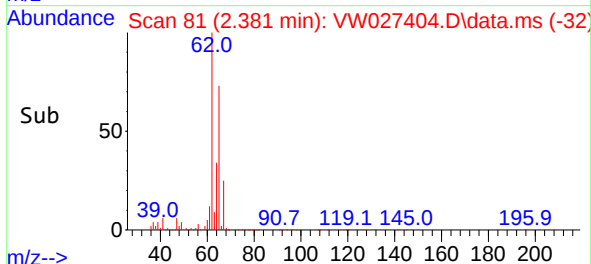
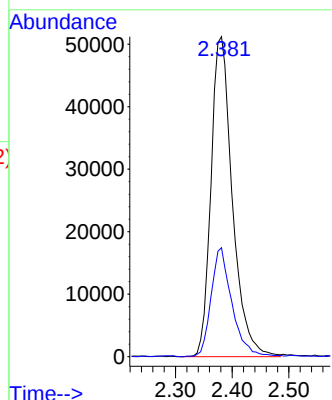
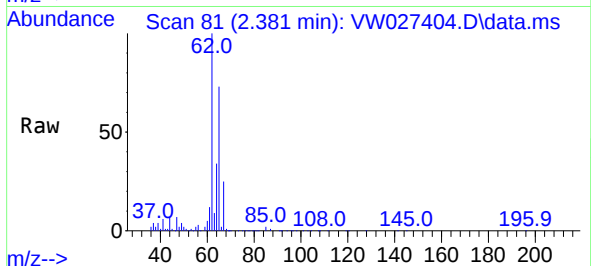




#5
 Vinyl chloride
 Concen: 23.260 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW027404.D
 Acq: 23 Oct 2023 18:50

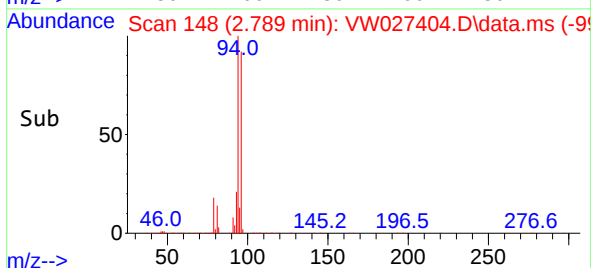
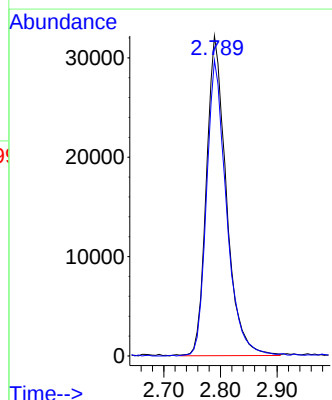
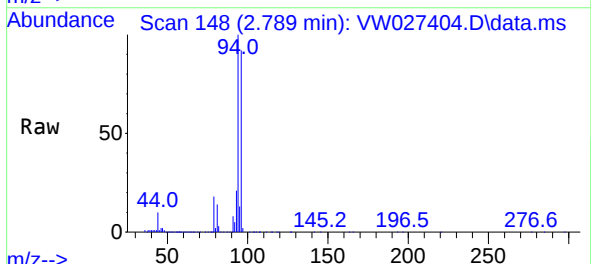
Instrument :
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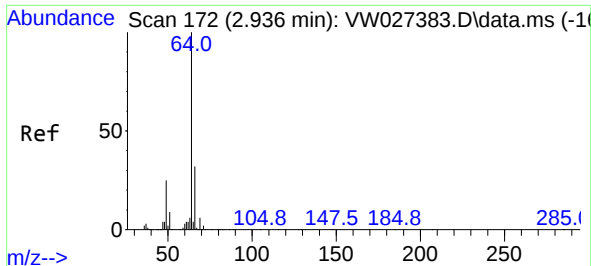
Tgt Ion: 62 Resp: 133976
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.8 44.2



#6
 Bromomethane
 Concen: 23.864 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027404.D
 Acq: 23 Oct 2023 18:50

Tgt Ion: 94 Resp: 78293
 Ion Ratio Lower Upper
 94 100
 96 92.4 62.9 116.9

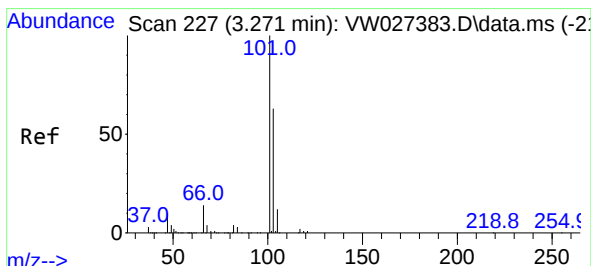
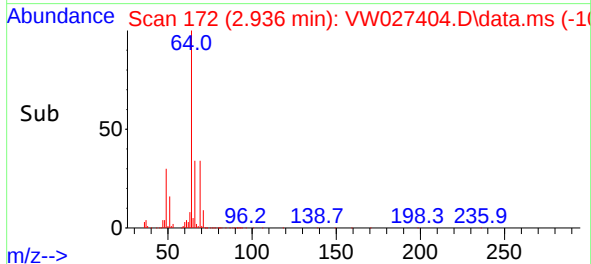
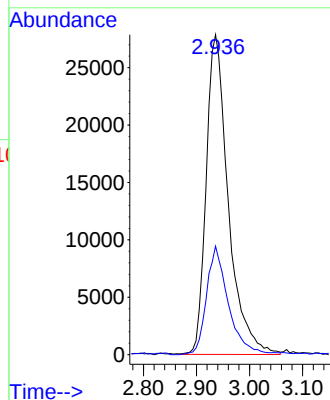
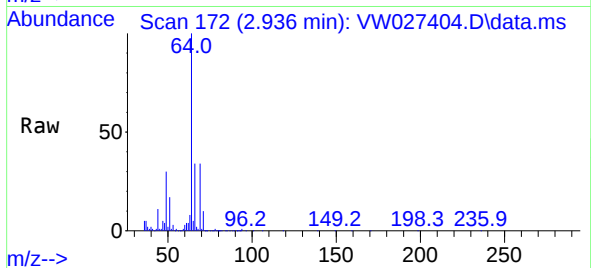




#8
Chloroethane
Concen: 24.291 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

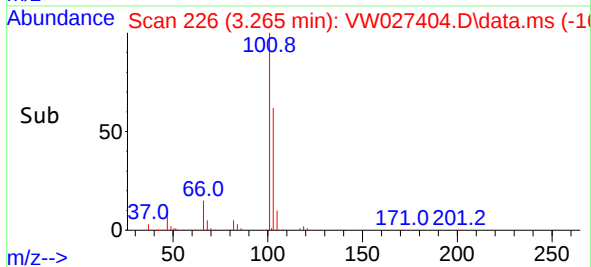
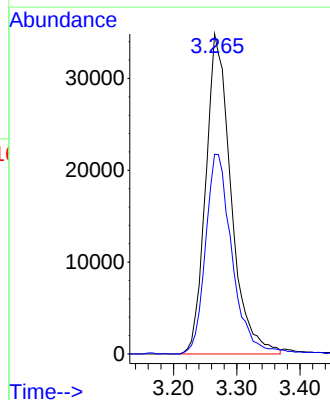
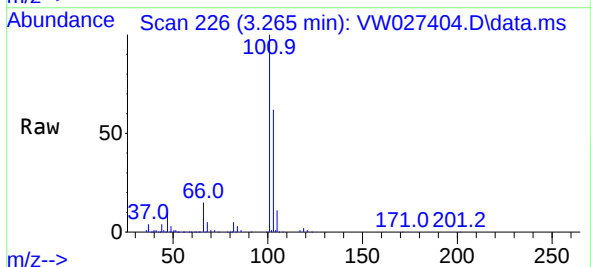
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ClientSampleId :

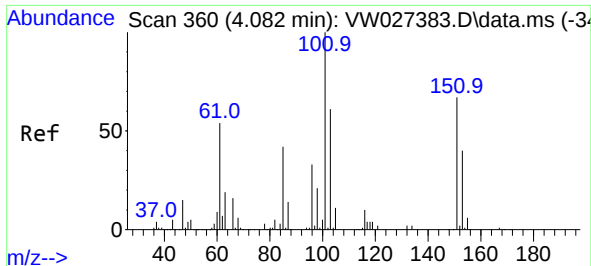
Tgt Ion: 64 Resp: 80538
Ion Ratio Lower Upper
64 100
66 33.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.841 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 101 Resp: 96882
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

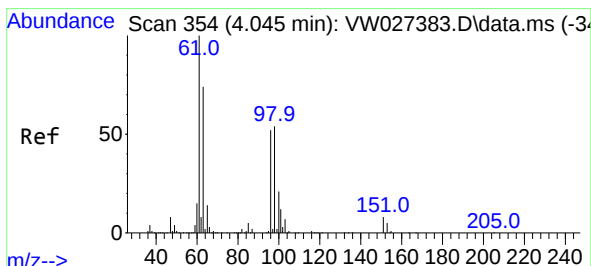
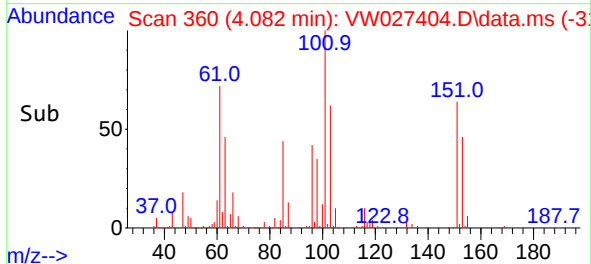
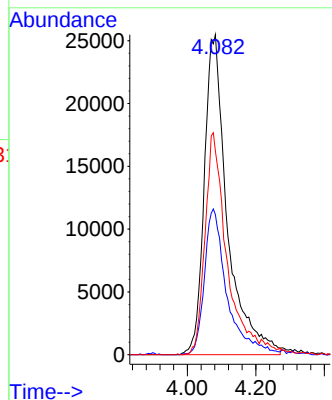
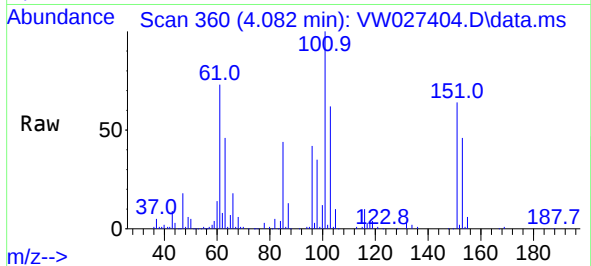




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.493 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW027404.D
 Acq: 23 Oct 2023 18:50

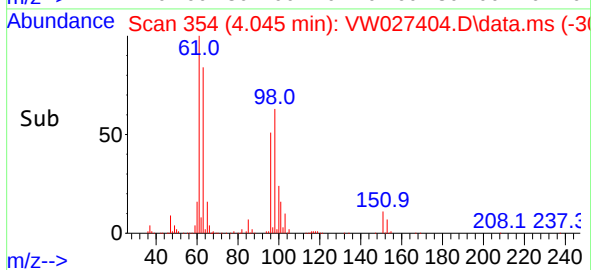
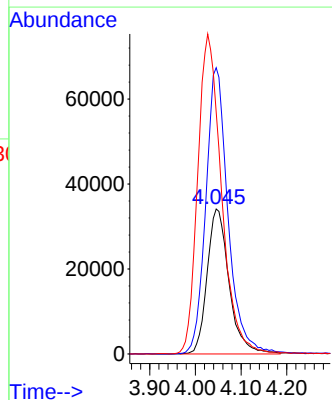
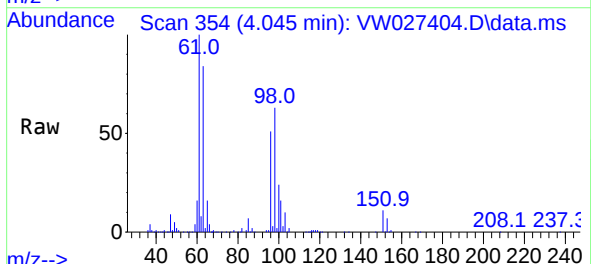
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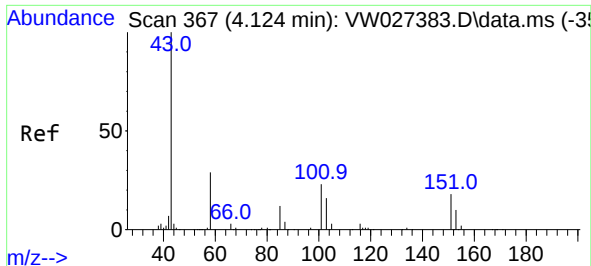
Tgt Ion:101 Resp: 119544
 Ion Ratio Lower Upper
 101 100
 85 40.7 34.1 51.1
 151 61.4 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 23.030 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027404.D
 Acq: 23 Oct 2023 18:50

Tgt Ion: 96 Resp: 113884
 Ion Ratio Lower Upper
 96 100
 61 197.5 133.3 247.5
 63 166.8 115.8 215.2

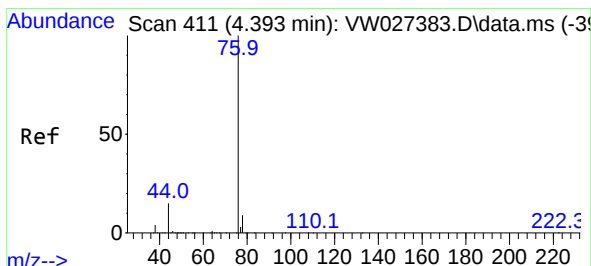
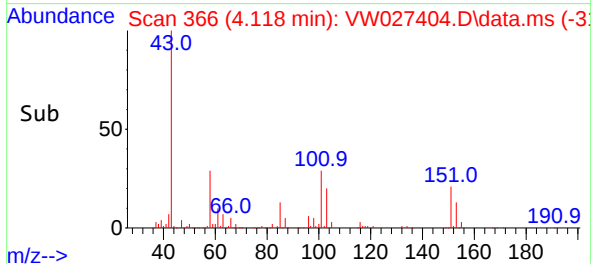
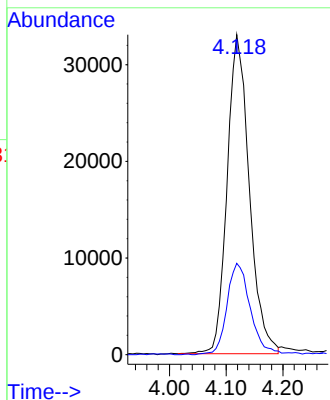
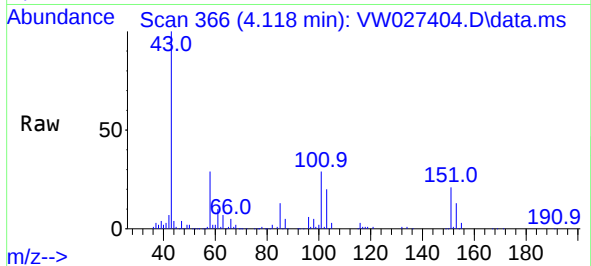




#13
Acetone
Concen: 54.242 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

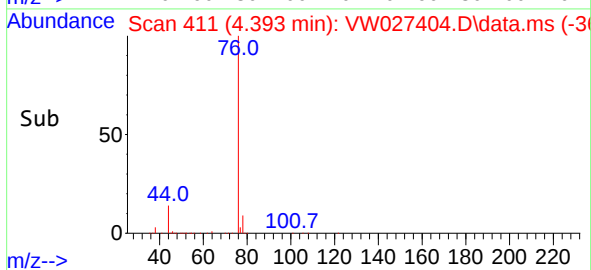
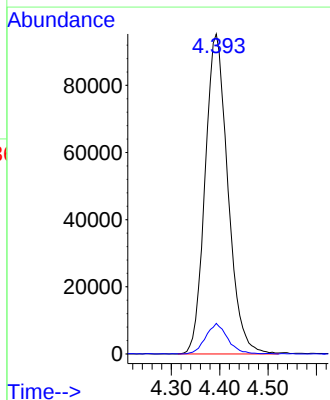
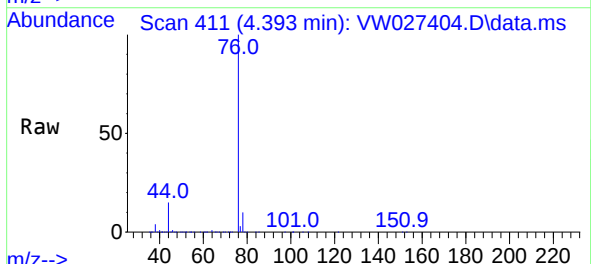
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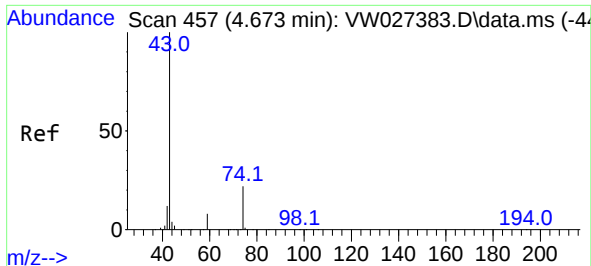
Tgt Ion: 43 Resp: 89620
Ion Ratio Lower Upper
43 100
58 30.0 0.0 60.8



#14
Carbon disulfide
Concen: 20.349 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Acq: 23 Oct 2023 18:50

Tgt Ion: 76 Resp: 311957
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

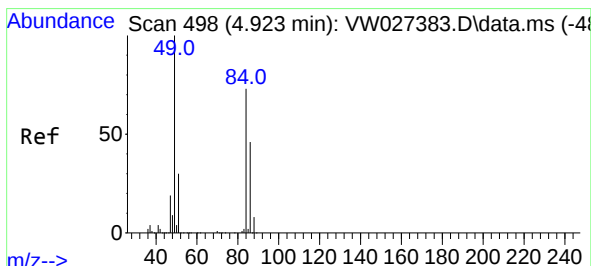
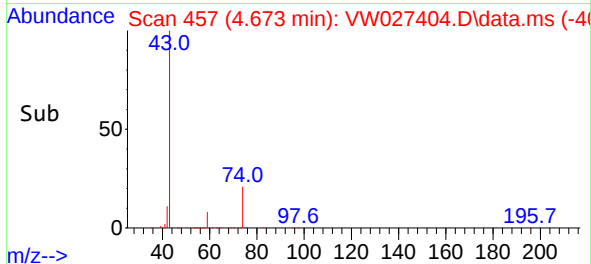
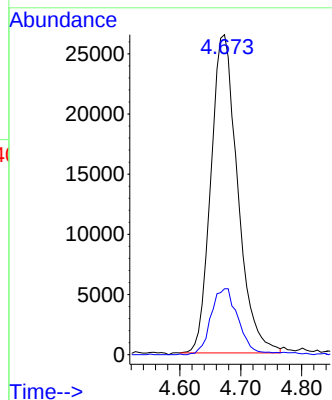
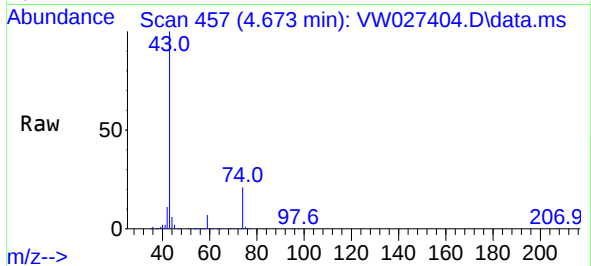




#15
Methyl Acetate
Concen: 28.650 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

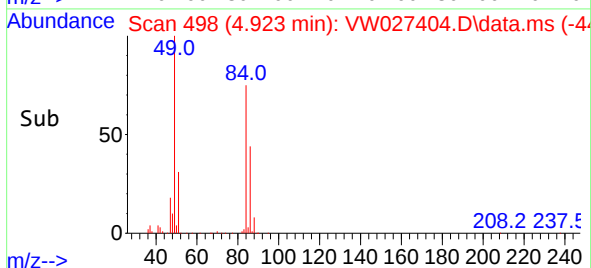
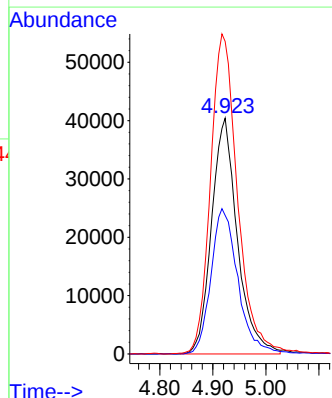
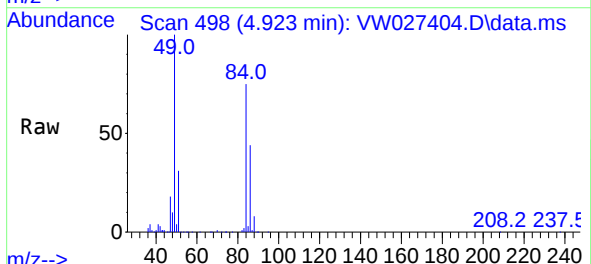
Instrument :
MSVOA_W
ClientSampleId :

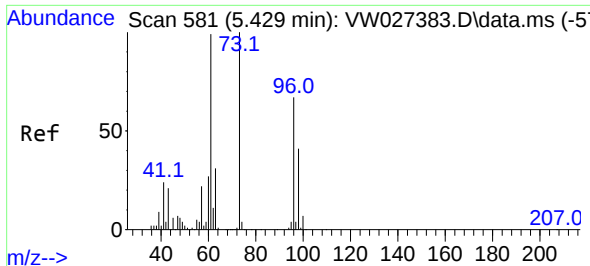
Tgt Ion: 43 Resp: 80848
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3



#16
Methylene chloride
Concen: 19.804 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 84 Resp: 136704
Ion Ratio Lower Upper
84 100
86 58.8 41.3 76.7
49 132.5 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 23.272 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

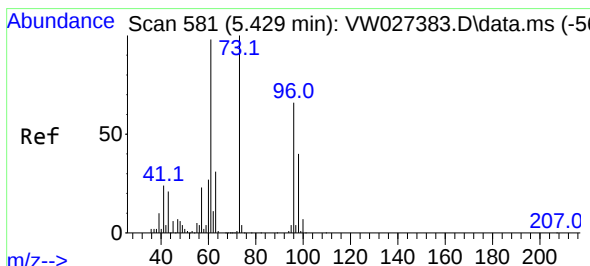
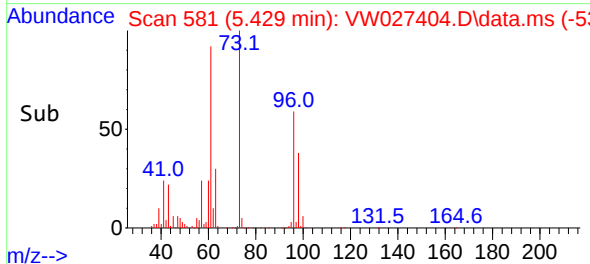
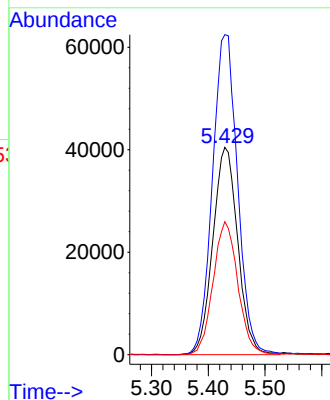
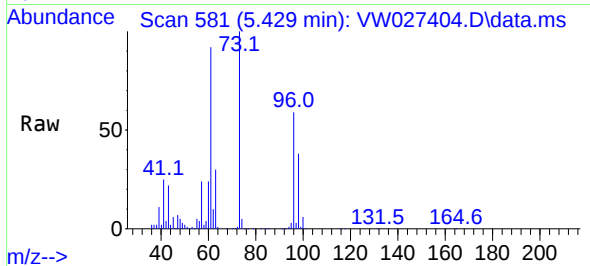
Tgt Ion: 96 Resp: 123682

Ion Ratio Lower Upper

96 100

61 154.3 105.6 196.0

98 64.1 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 26.241 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

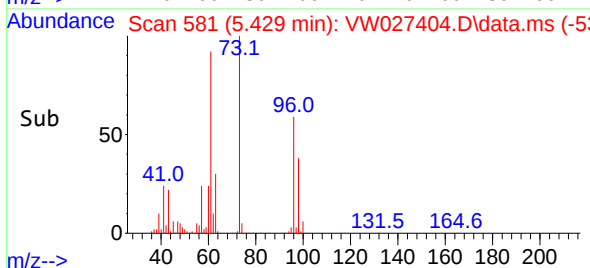
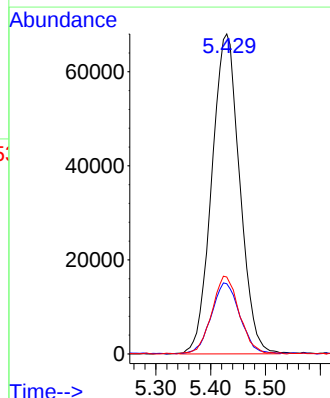
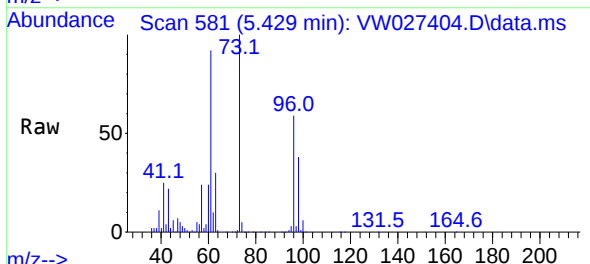
Tgt Ion: 73 Resp: 240612

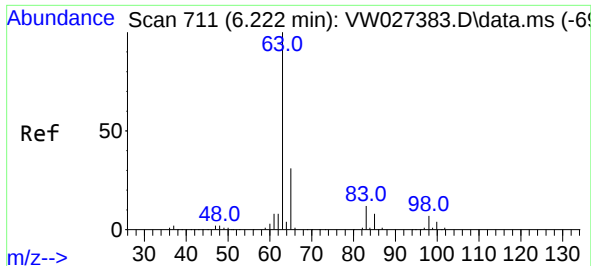
Ion Ratio Lower Upper

73 100

43 22.5 17.7 26.5

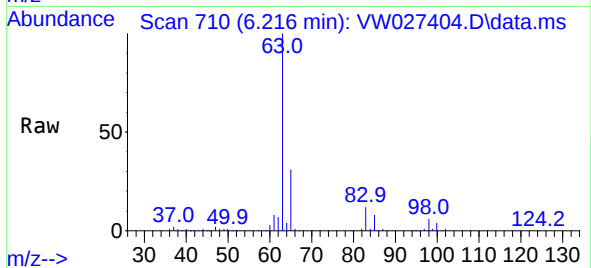
57 23.9 18.5 27.7





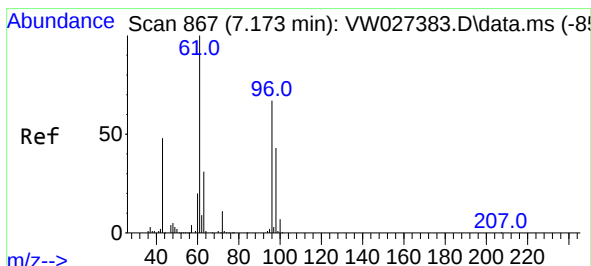
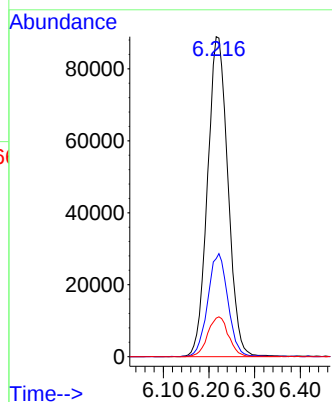
#19
1,1-Dichloroethane
Concen: 25.399 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 275403

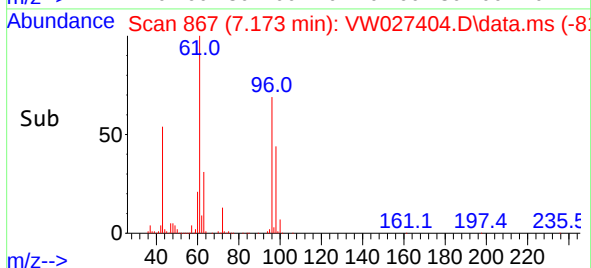
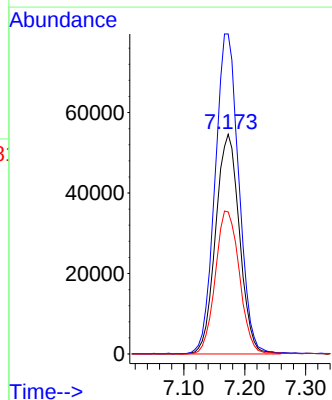
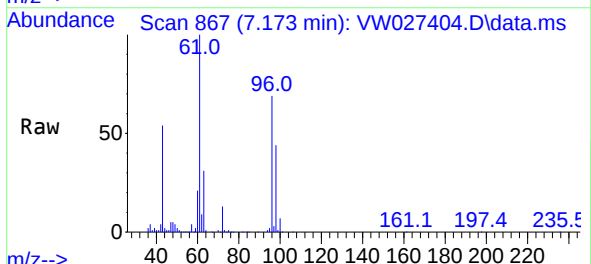
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.9	42.5
83	12.0	9.6	17.8

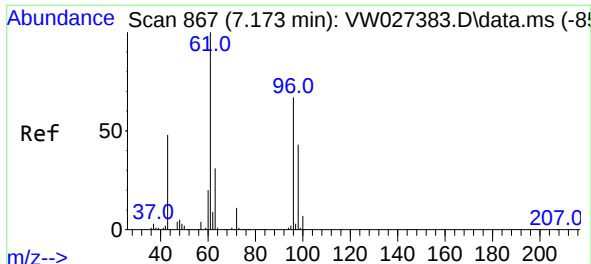


#20
cis-1,2-Dichloroethene
Concen: 24.724 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 96 Resp: 148387

Ion	Ratio	Lower	Upper
96	100		
61	145.7	96.2	178.8
98	64.7	46.0	85.4

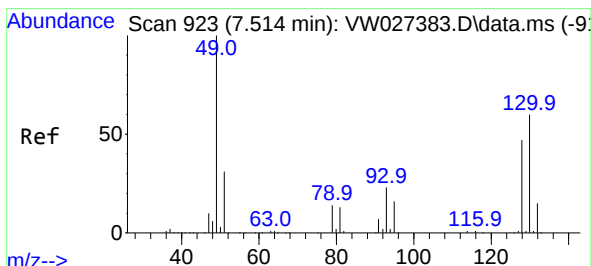
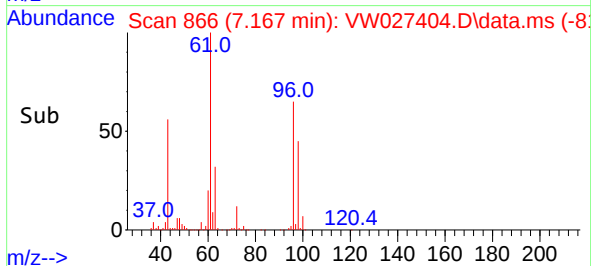
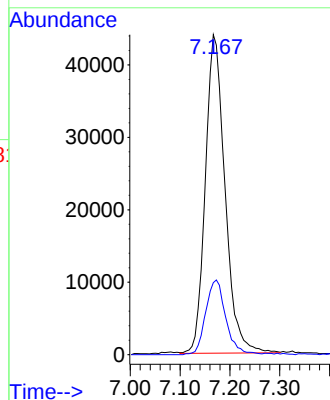
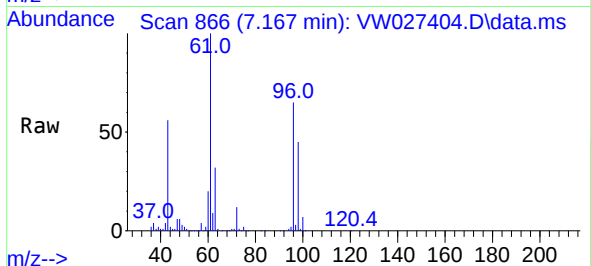




#22
2-Butanone
Concen: 48.712 ug/L
RT: 7.167 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

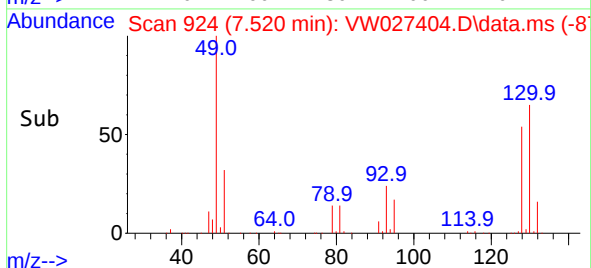
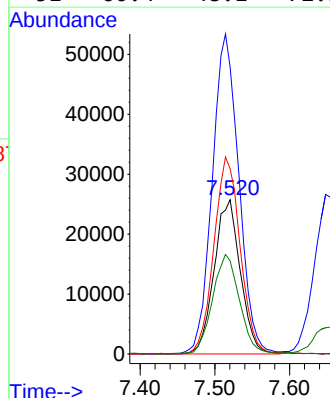
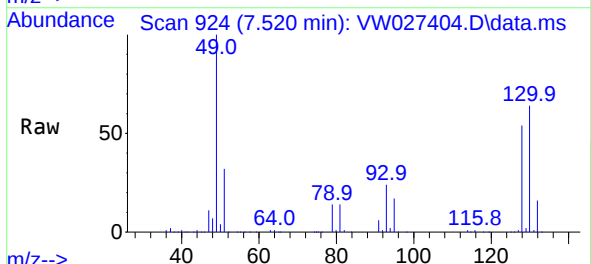
Instrument :
MSVOA_W
ClientSampleId :

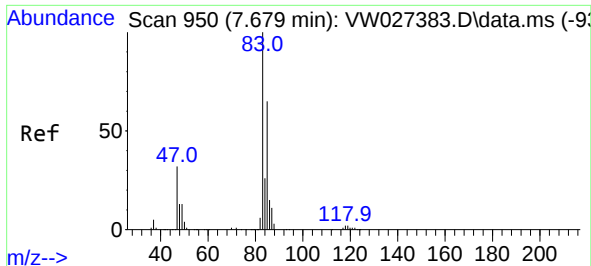
Tgt Ion: 43 Resp: 120467
Ion Ratio Lower Upper
43 100
72 23.6 12.3 36.8



#23
Bromochloromethane
Concen: 25.337 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 128 Resp: 62782
Ion Ratio Lower Upper
128 100
49 186.2 128.9 239.5
130 120.0 85.0 157.8
51 60.4 48.1 72.1





#25

Chloroform

Concen: 25.866 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

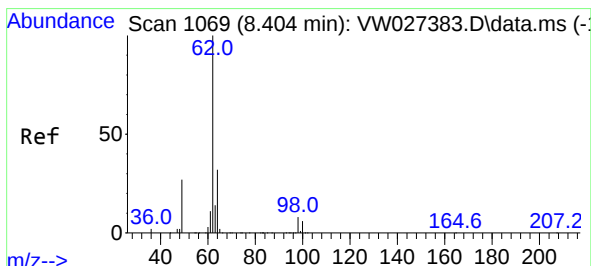
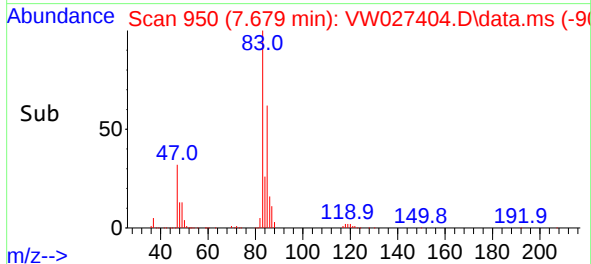
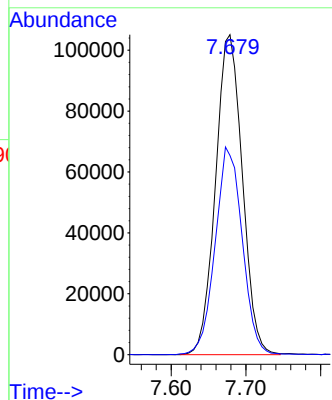
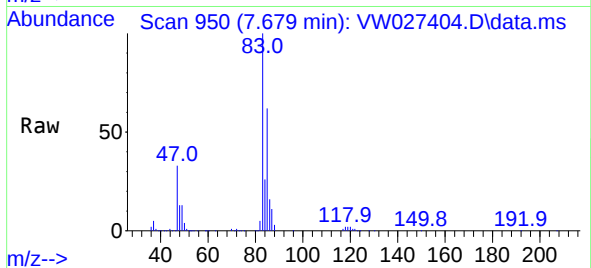
ClientSampleId :

Tgt Ion: 83 Resp: 262500

Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 26.912 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VW027404.D

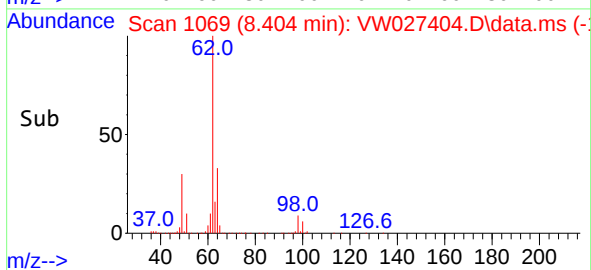
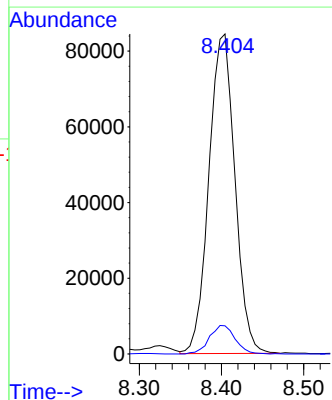
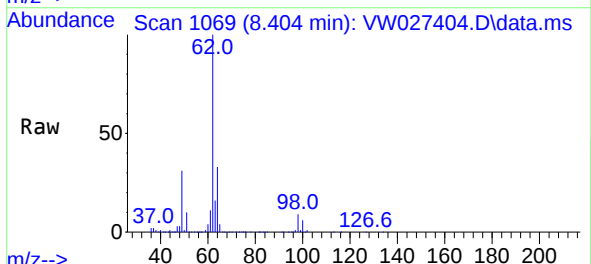
Acq: 23 Oct 2023 18:50

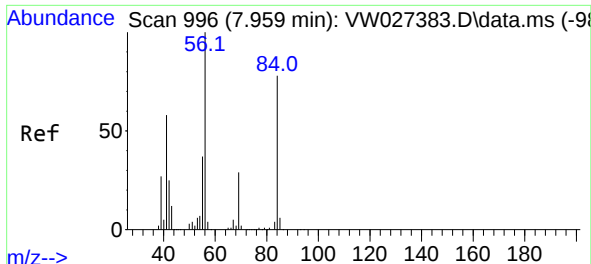
Tgt Ion: 62 Resp: 185520

Ion Ratio Lower Upper

62 100

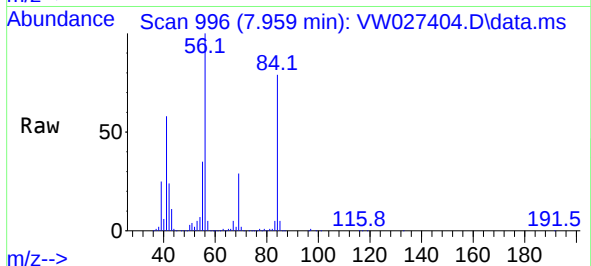
98 8.8 7.5 11.3





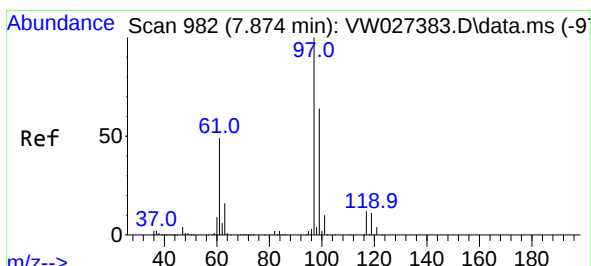
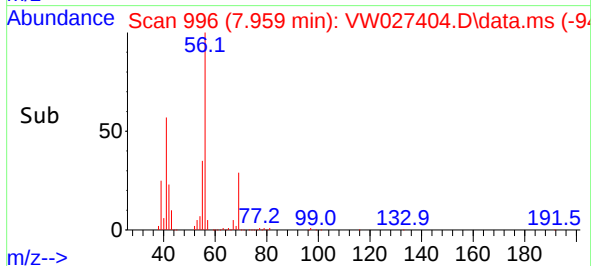
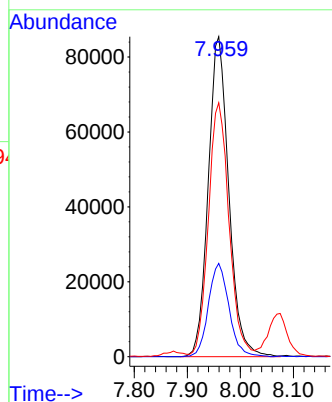
#29
Cyclohexane
Concen: 21.857 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 229917

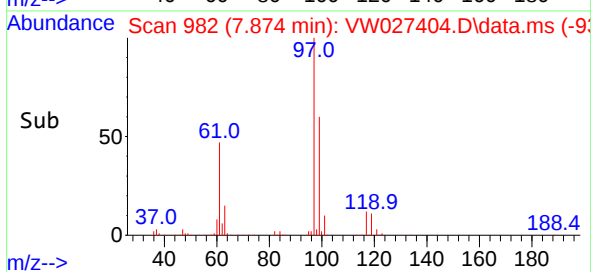
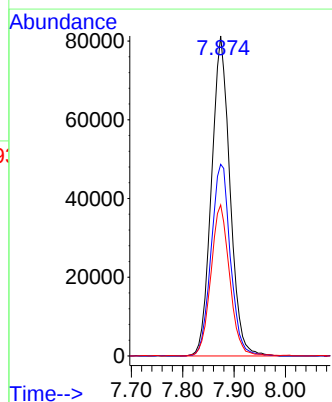
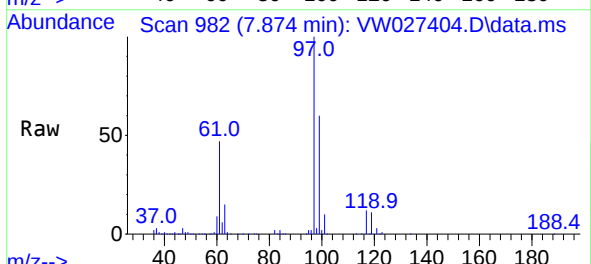
Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.2	36.4
84	79.9	65.1	97.7

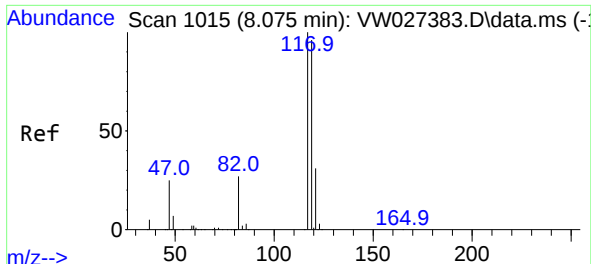


#30
1,1,1-Trichloroethane
Concen: 24.017 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 97 Resp: 202973

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.0
61	47.7	37.4	56.0

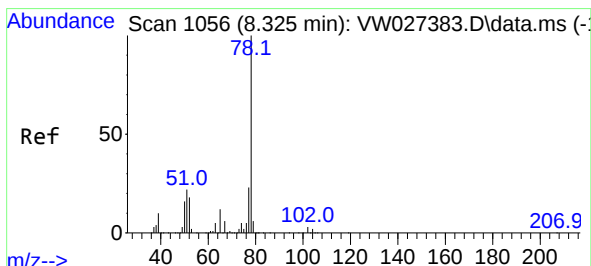
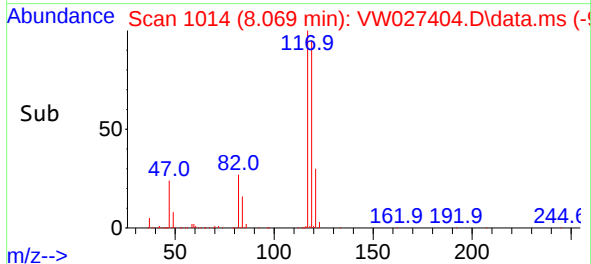
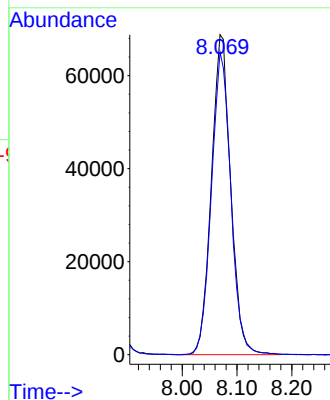
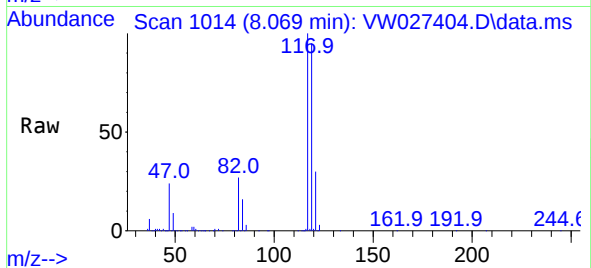




#31
Carbon tetrachloride
Concen: 22.024 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

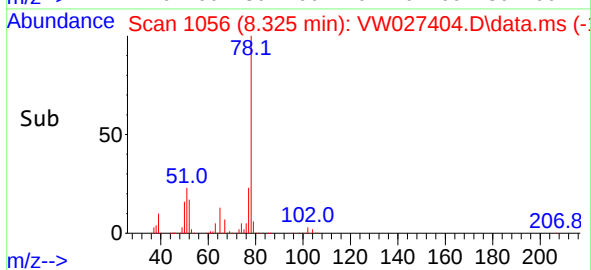
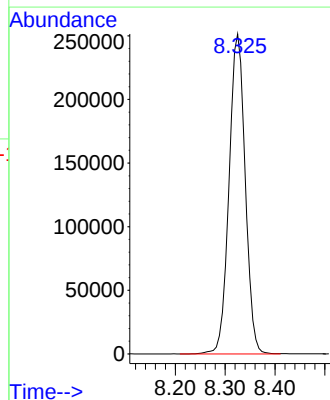
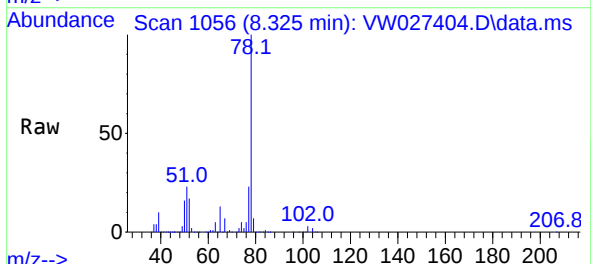
Instrument :
MSVOA_W
ClientSampleId :

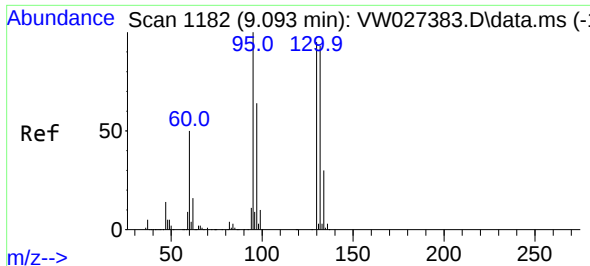
Tgt Ion:117 Resp: 167832
Ion Ratio Lower Upper
117 100
119 95.3 77.1 115.7



#33
Benzene
Concen: 24.993 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

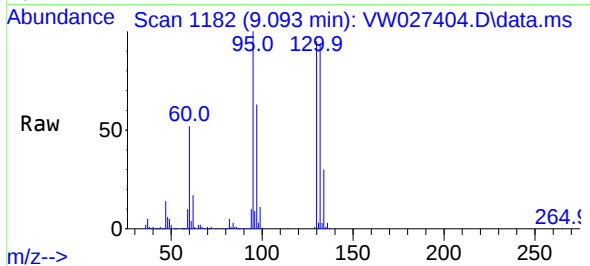
Tgt Ion: 78 Resp: 565906



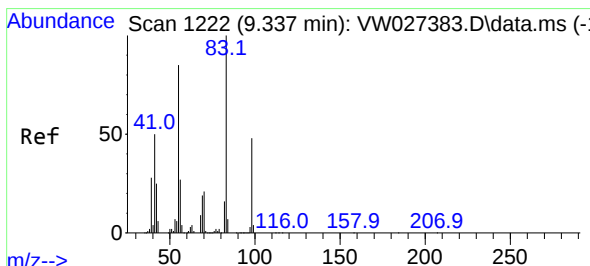
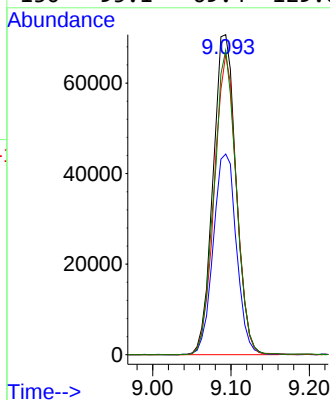
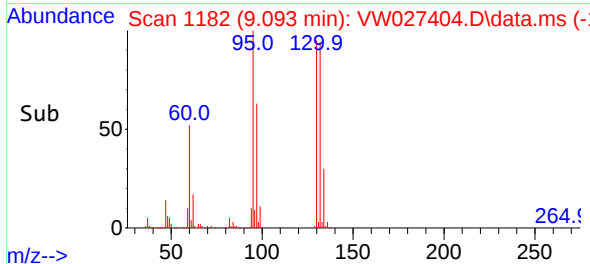


#34
Trichloroethene
Concen: 24.201 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :

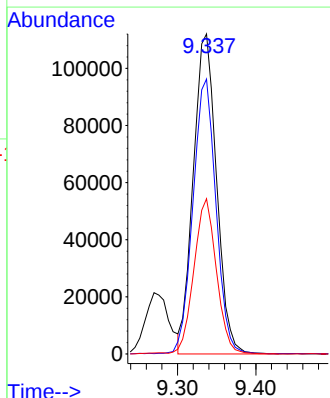
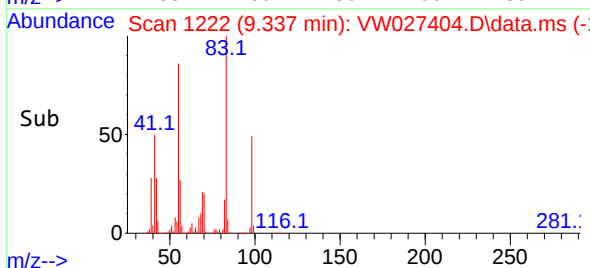
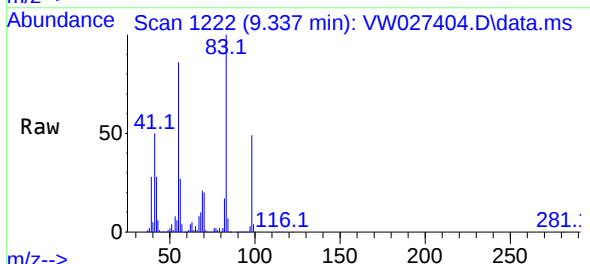


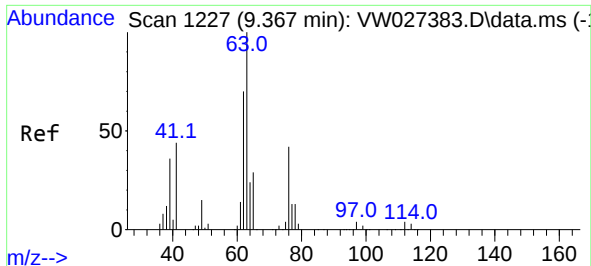
Tgt Ion: 95 Resp: 144747
Ion Ratio Lower Upper
95 100
97 62.7 43.4 80.6
132 93.8 67.6 125.6
130 95.1 69.4 129.0



#35
Methylcyclohexane
Concen: 21.644 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 83 Resp: 231499
Ion Ratio Lower Upper
83 100
55 84.8 65.8 98.8
98 47.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.585 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

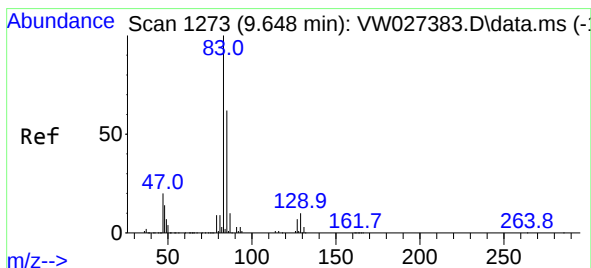
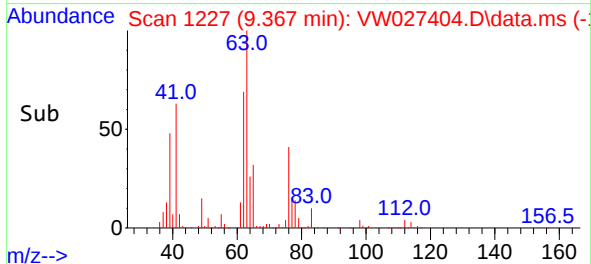
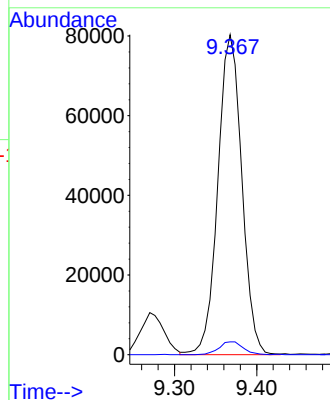
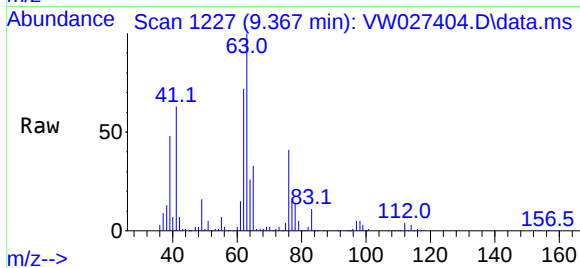
ClientSampleId :

Tgt Ion: 63 Resp: 162757

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 25.798 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

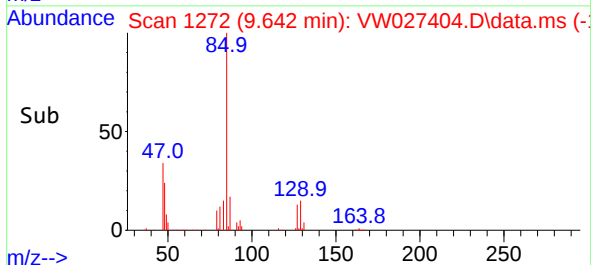
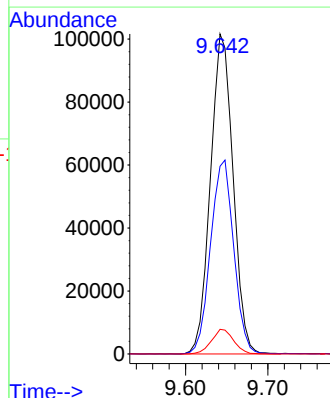
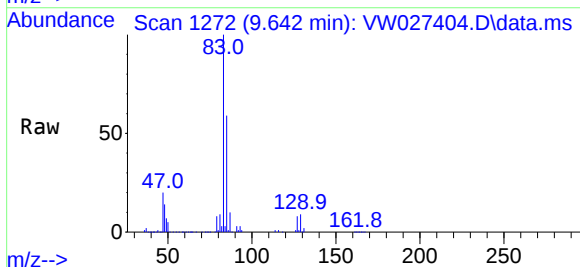
Tgt Ion: 83 Resp: 194208

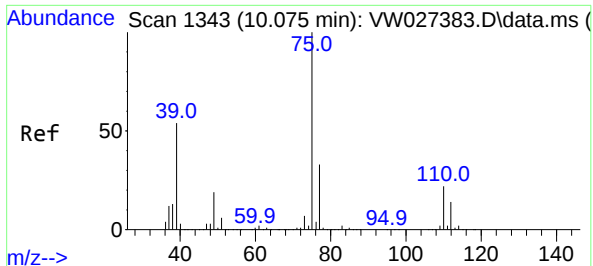
Ion Ratio Lower Upper

83 100

85 58.6 43.9 81.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.037 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

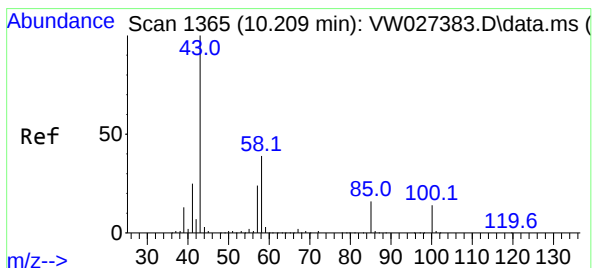
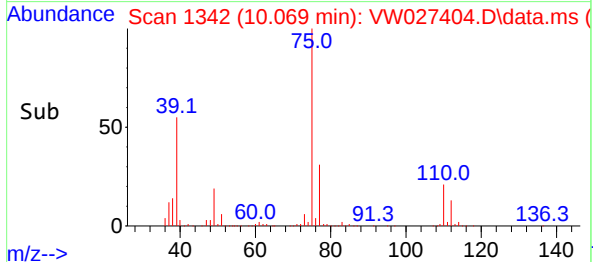
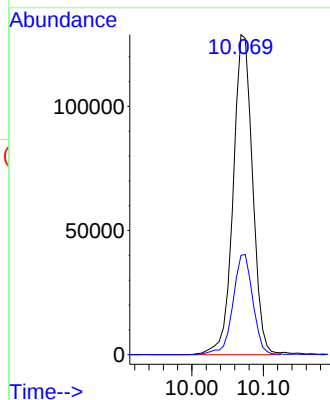
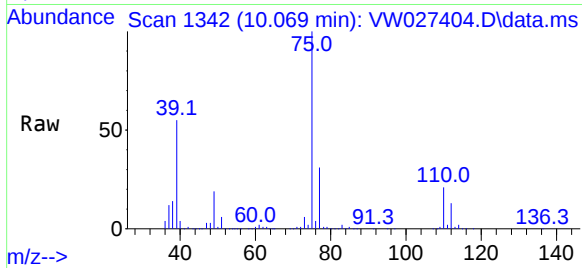
ClientSampleId :

Tgt Ion: 75 Resp: 243085

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.906 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

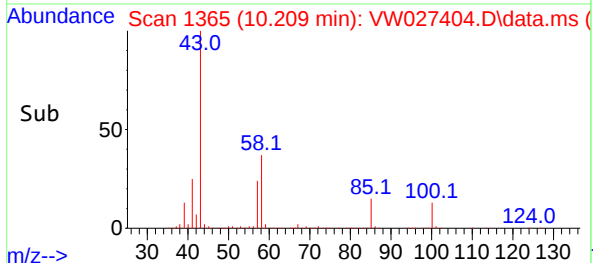
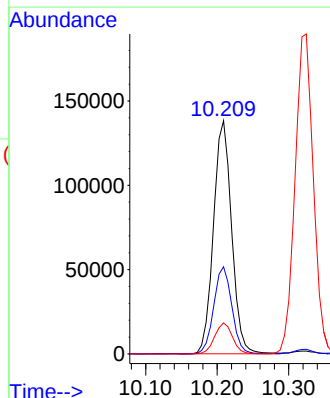
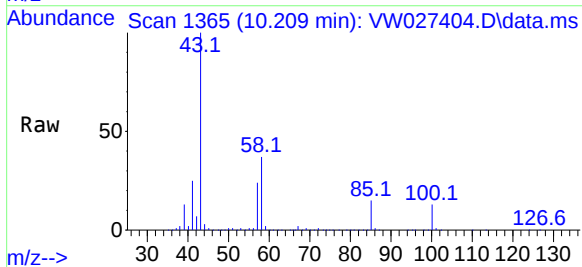
Tgt Ion: 43 Resp: 243800

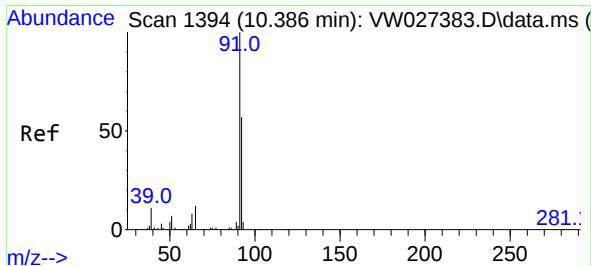
Ion Ratio Lower Upper

43 100

58 37.3 30.5 45.7

100 13.2 11.5 17.3

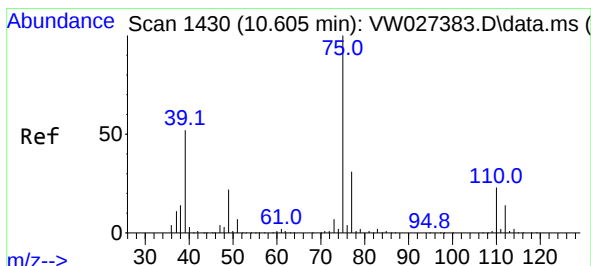
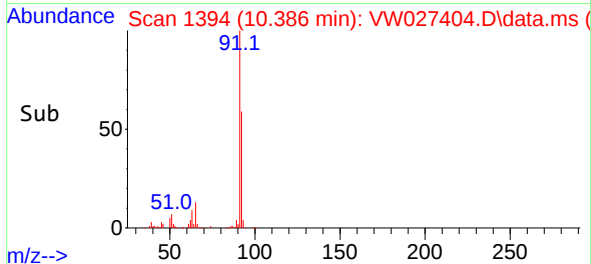
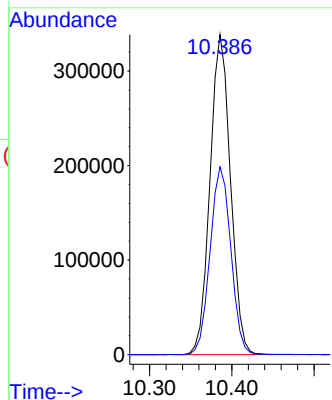
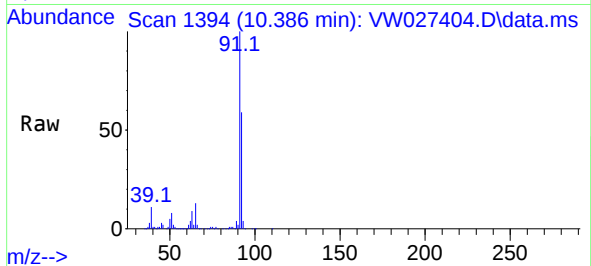




#42
Toluene
Concen: 24.633 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

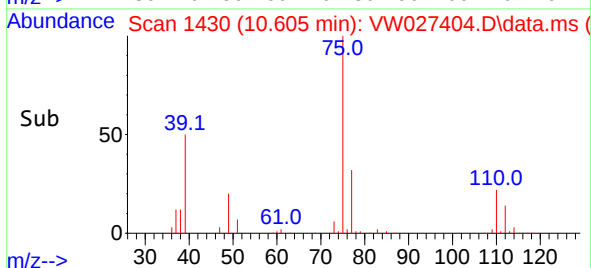
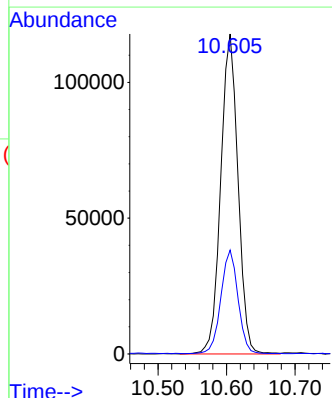
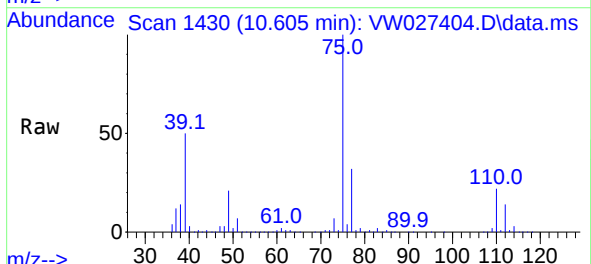
Instrument :
MSVOA_W
ClientSampleId :

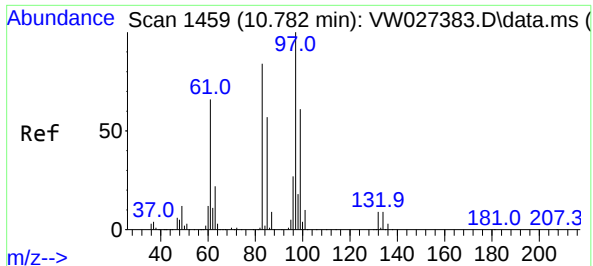
Tgt Ion: 91 Resp: 585092
Ion Ratio Lower Upper
91 100
92 58.7 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.074 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 75 Resp: 205425
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.569 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 116145

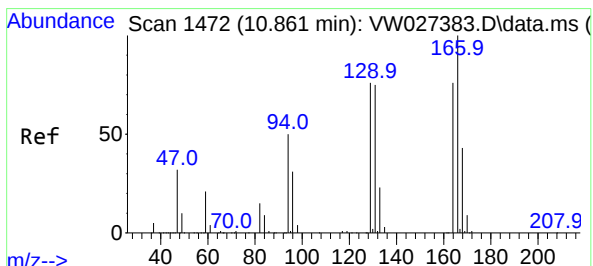
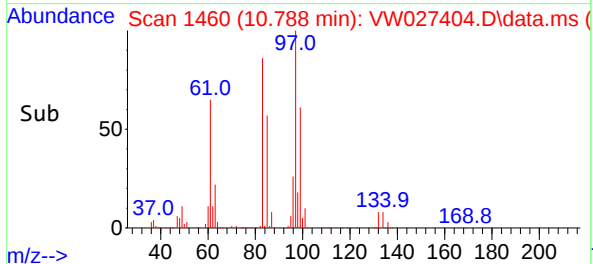
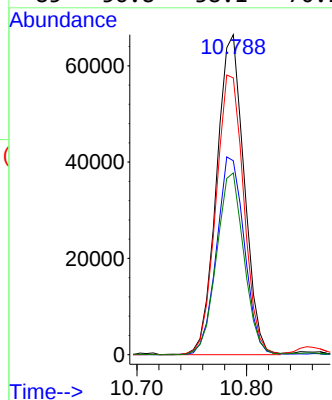
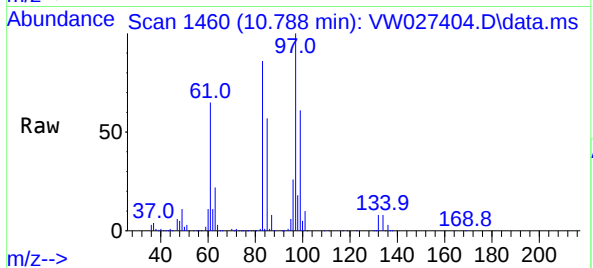
Ion Ratio Lower Upper

97 100

99 60.6 43.8 81.4

83 86.5 57.5 106.7

85 56.8 38.1 70.9



#46

Tetrachloroethene

Concen: 22.435 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Tgt Ion:164 Resp: 92654

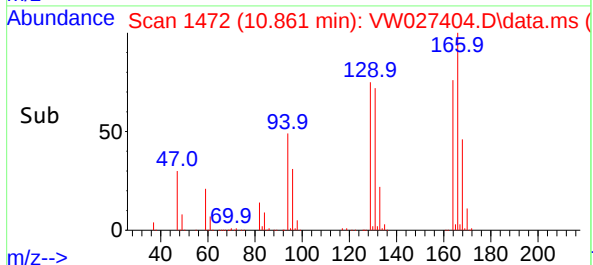
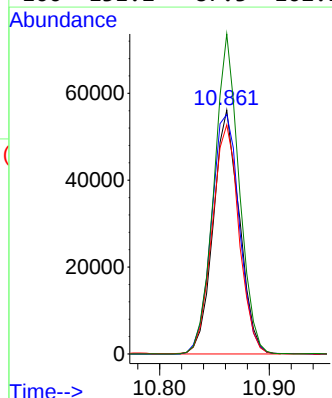
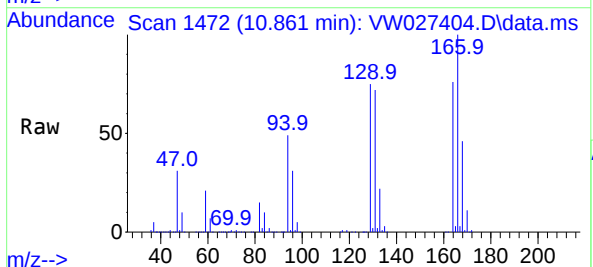
Ion Ratio Lower Upper

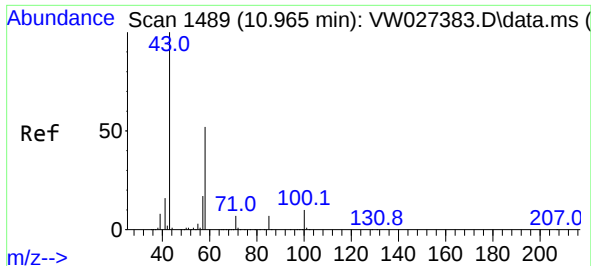
164 100

129 98.2 74.7 138.7

131 93.9 73.2 136.0

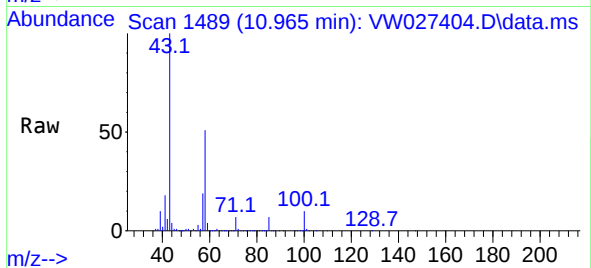
166 131.2 87.3 162.1



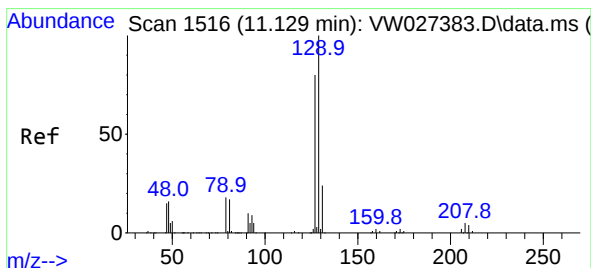
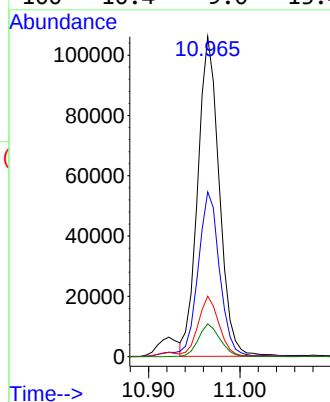
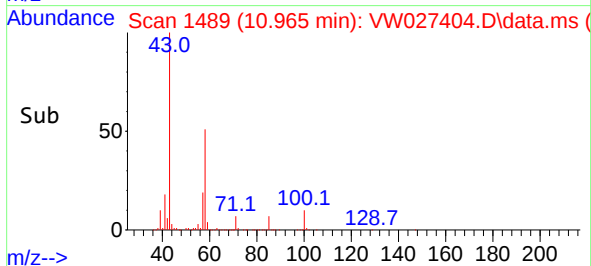


#48
2-Hexanone
Concen: 55.686 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :

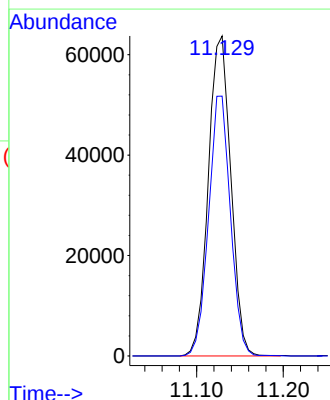
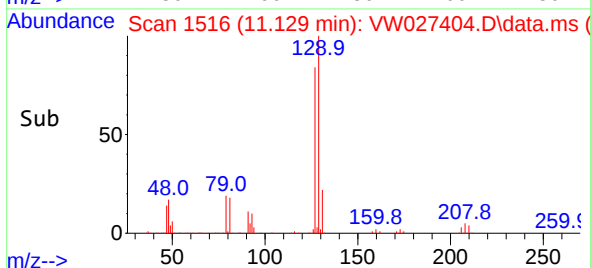
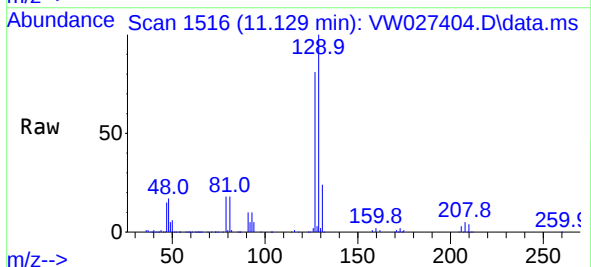


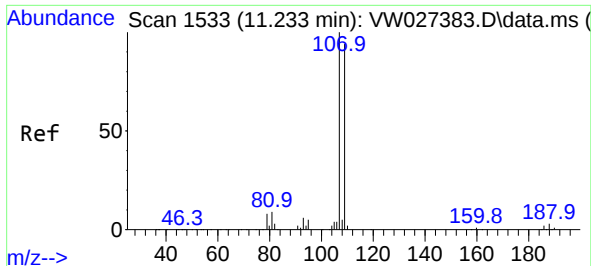
Tgt Ion: 43 Resp: 173531
Ion Ratio Lower Upper
43 100
58 51.2 42.2 63.4
57 18.6 15.1 22.7
100 10.4 9.0 13.4



#49
Dibromochloromethane
Concen: 24.617 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion:129 Resp: 115176
Ion Ratio Lower Upper
129 100
127 81.2 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.683 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

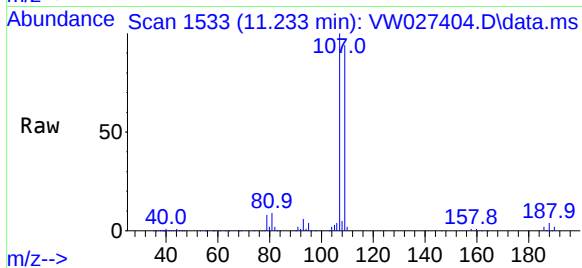
Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :



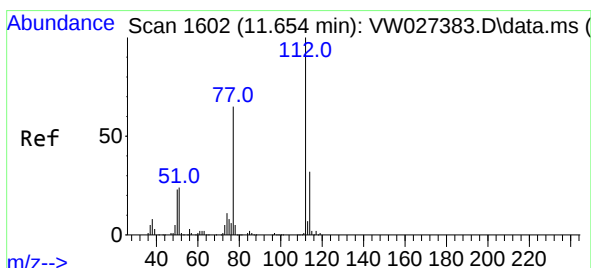
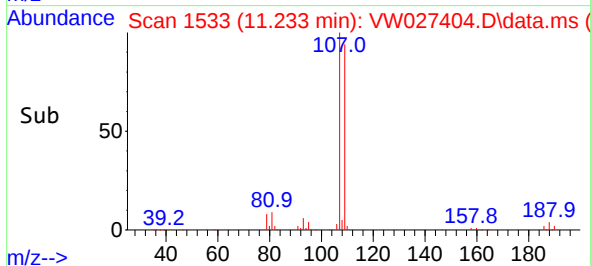
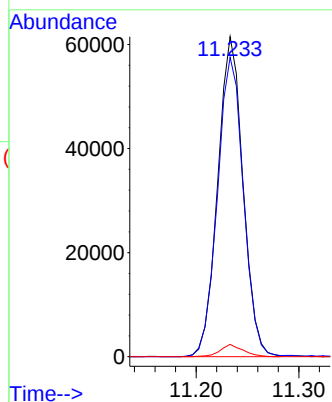
Tgt Ion:107 Resp: 104903

Ion Ratio Lower Upper

107 100

109 93.5 66.3 123.1

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 25.169 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

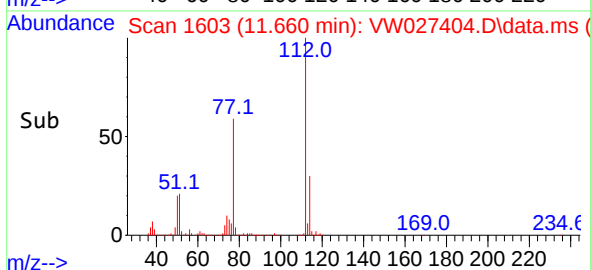
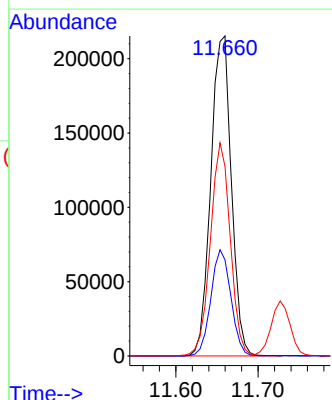
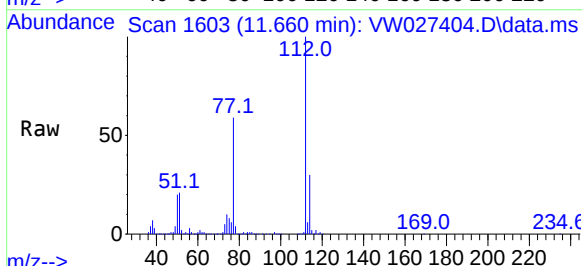
Tgt Ion:112 Resp: 374358

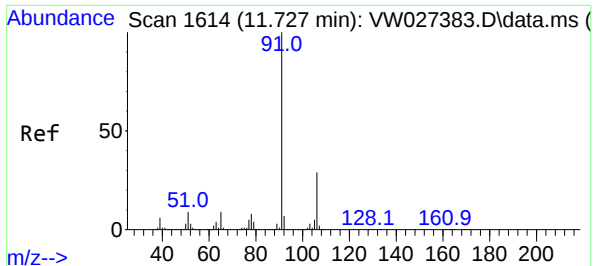
Ion Ratio Lower Upper

112 100

114 30.0 21.8 40.6

77 59.2 52.2 78.4

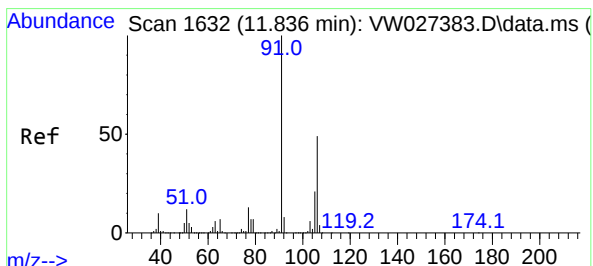
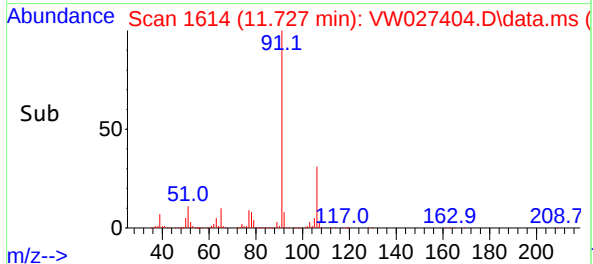
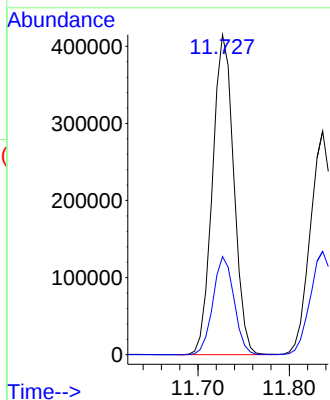
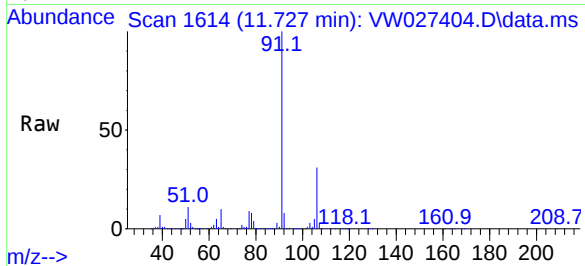




#52
Ethylbenzene
Concen: 24.378 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

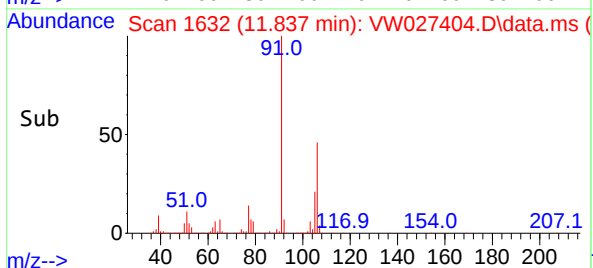
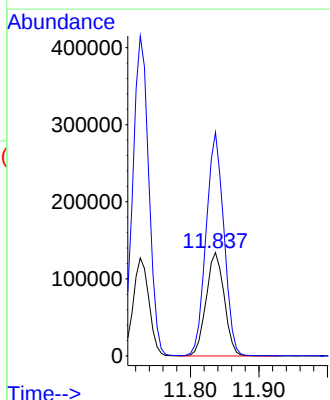
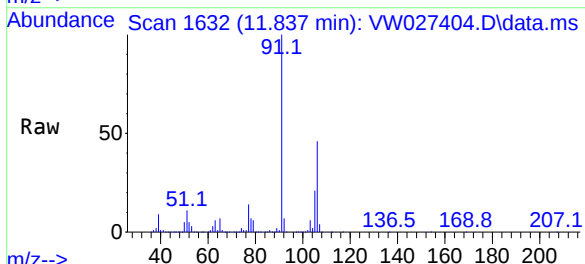
Instrument :
MSVOA_W
ClientSampleId :

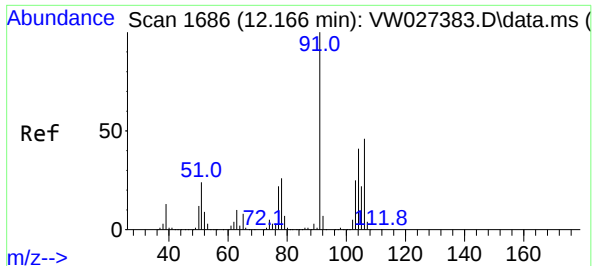
Tgt Ion: 91 Resp: 672863
Ion Ratio Lower Upper
91 100
106 30.7 19.8 36.8



#53
m,p-Xylene
Concen: 23.556 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion:106 Resp: 246608
Ion Ratio Lower Upper
106 100
91 216.5 144.5 268.4

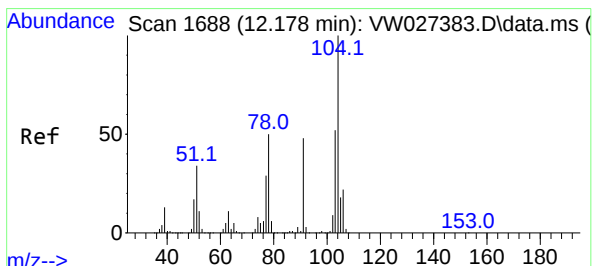
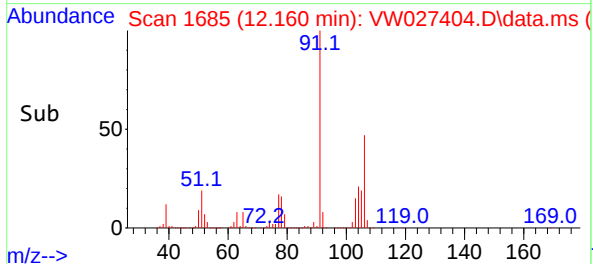
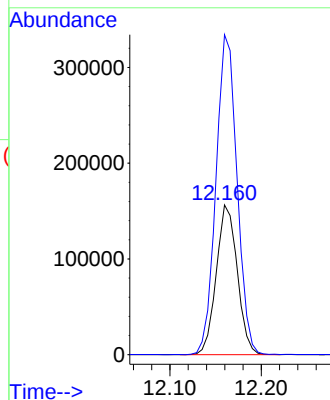
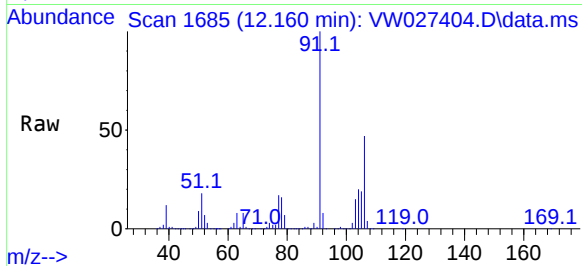




#54
o-Xylene
Concen: 24.894 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

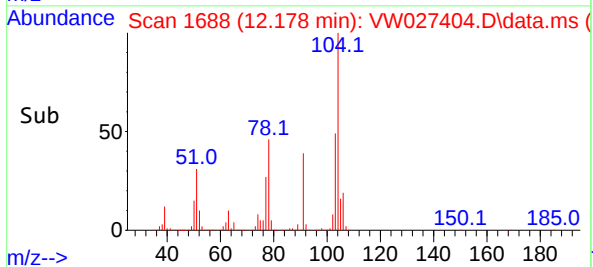
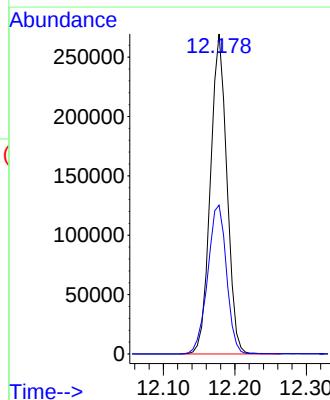
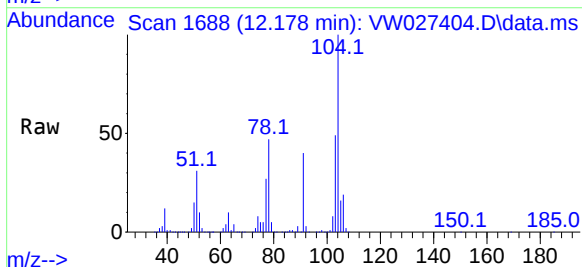
Instrument :
MSVOA_W
ClientSampleId :

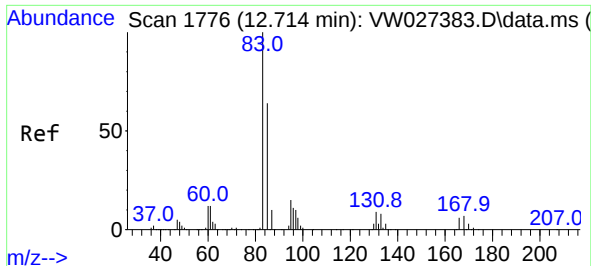
Tgt Ion:106 Resp: 249571
Ion Ratio Lower Upper
106 100
91 213.7 152.0 282.2



#55
Styrene
Concen: 25.191 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion:104 Resp: 431317
Ion Ratio Lower Upper
104 100
78 46.5 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.741 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

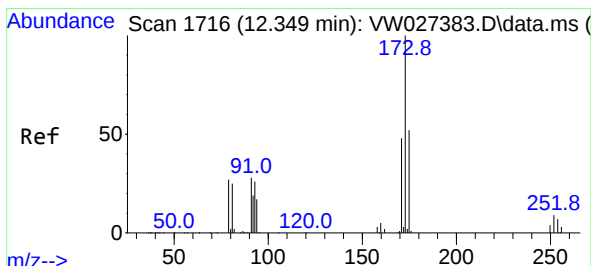
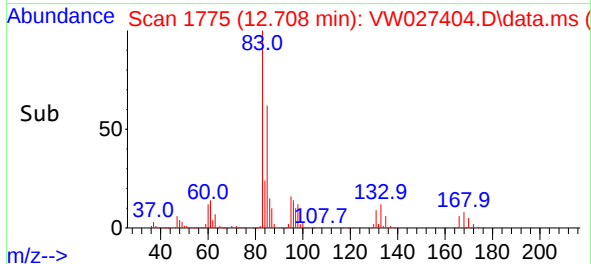
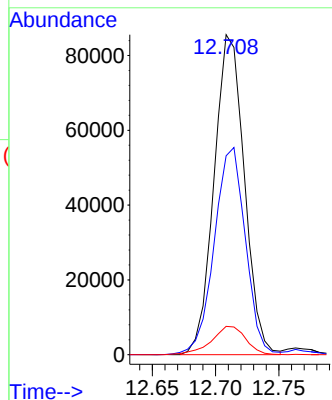
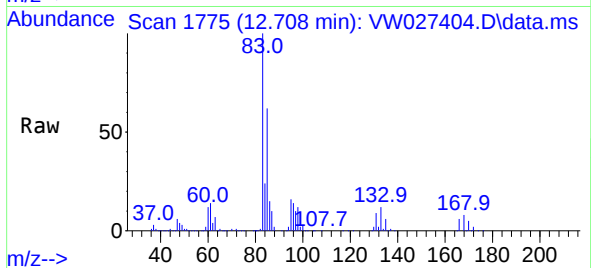
Tgt Ion: 83 Resp: 142668

Ion Ratio Lower Upper

83 100

85 62.2 43.2 80.2

131 8.9 7.2 10.8



#59

Bromoform

Concen: 23.907 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

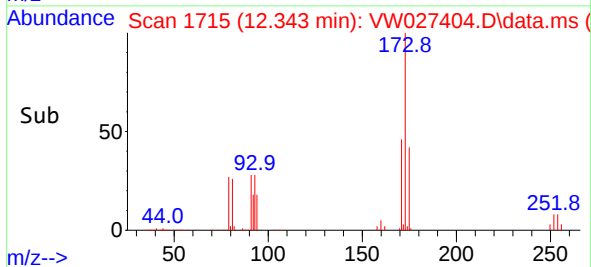
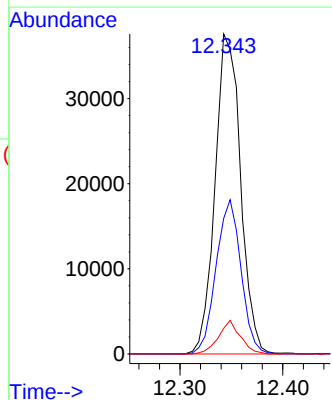
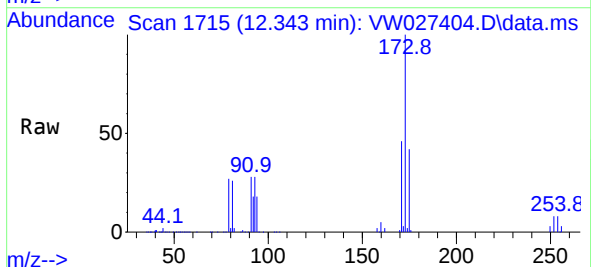
Tgt Ion:173 Resp: 64719

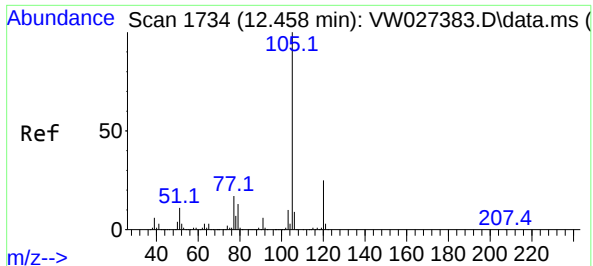
Ion Ratio Lower Upper

173 100

175 47.1 39.6 59.4

254 9.0 6.6 10.0

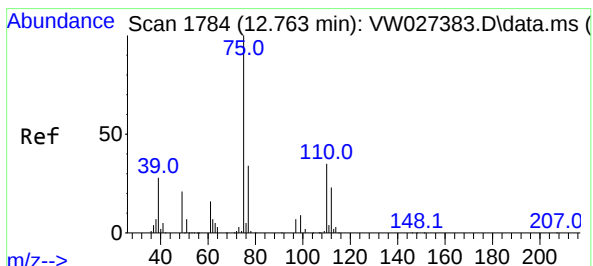
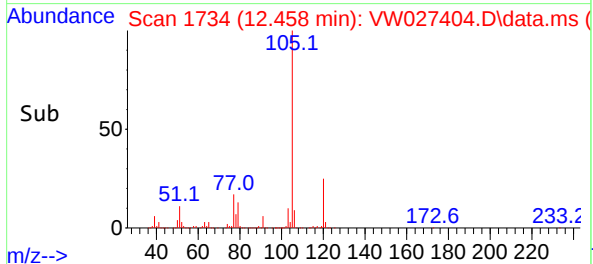
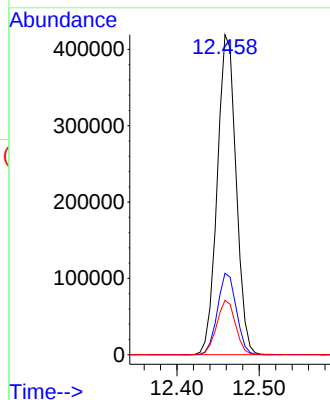
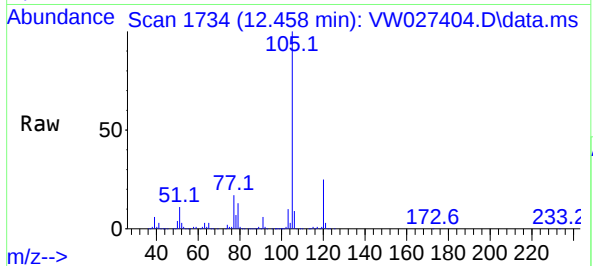




#60
Isopropylbenzene
Concen: 23.392 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

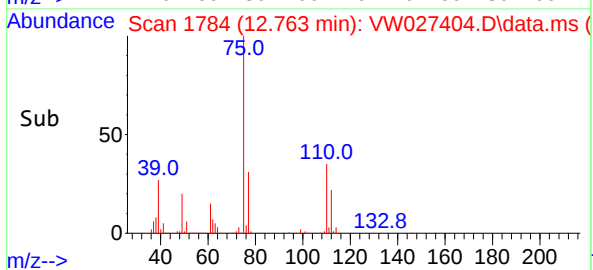
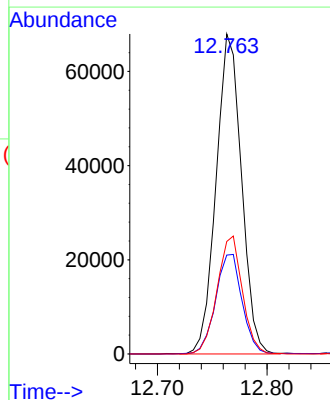
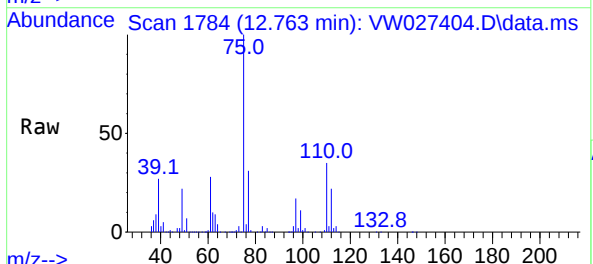
Instrument :
MSVOA_W
ClientSampleId :

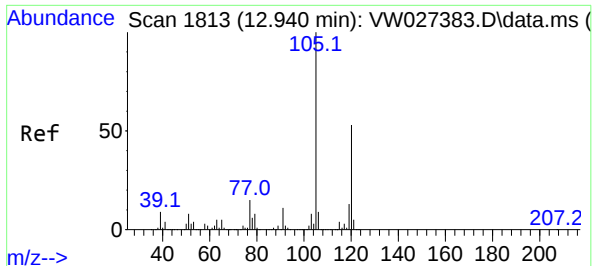
Tgt Ion:105 Resp: 668542
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.9 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 27.508 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion: 75 Resp: 109271
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 36.7 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 24.030 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

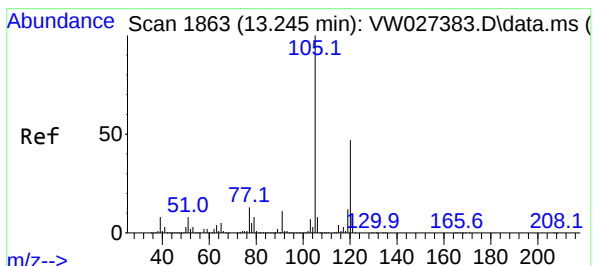
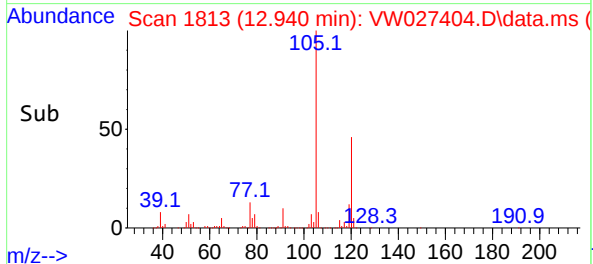
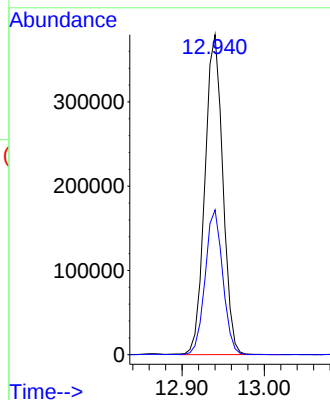
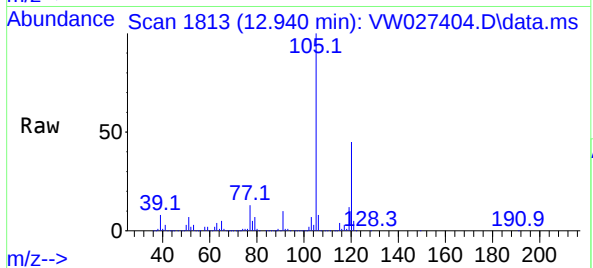
ClientSampleId :

Tgt Ion:105 Resp: 572878

Ion Ratio Lower Upper

105 100

120 44.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.622 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027404.D

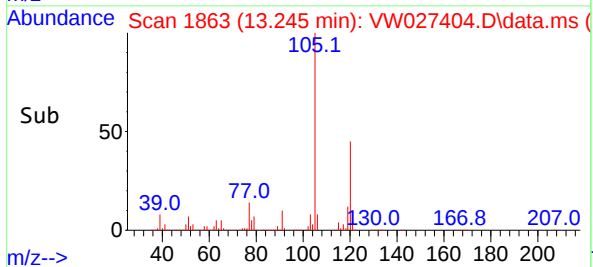
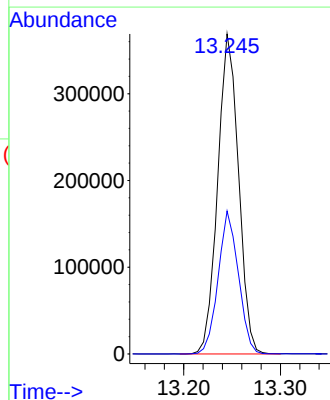
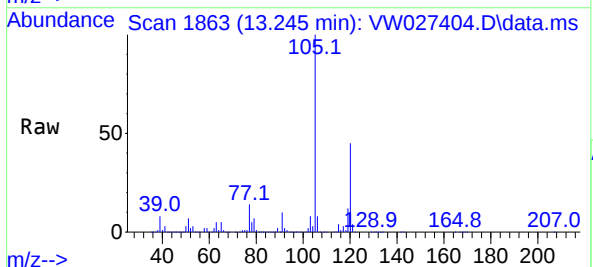
Acq: 23 Oct 2023 18:50

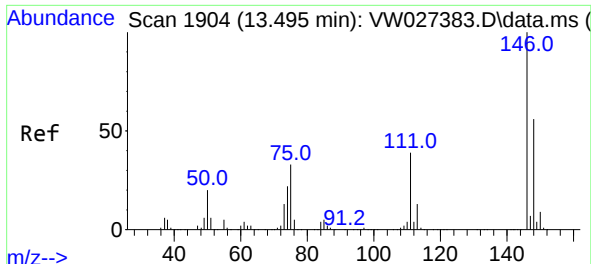
Tgt Ion:105 Resp: 550983

Ion Ratio Lower Upper

105 100

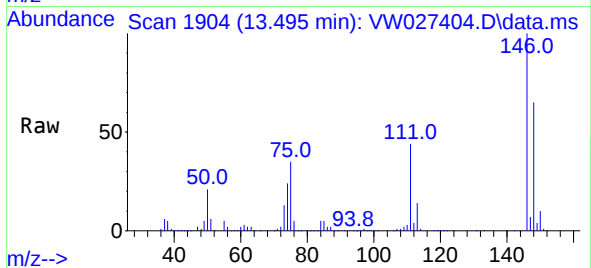
120 43.4 35.4 53.2



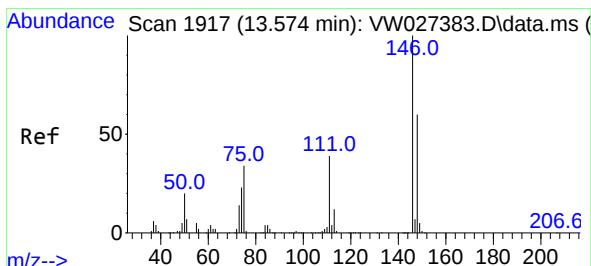
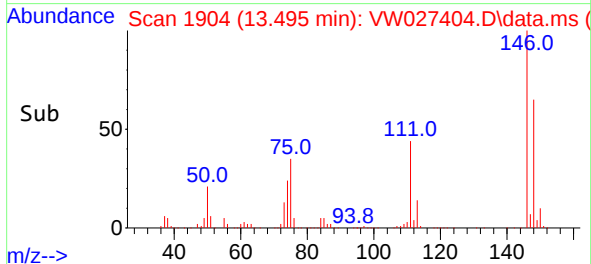
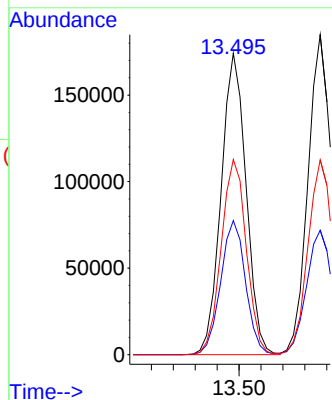


#64
1,3-Dichlorobenzene
Concen: 23.771 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :

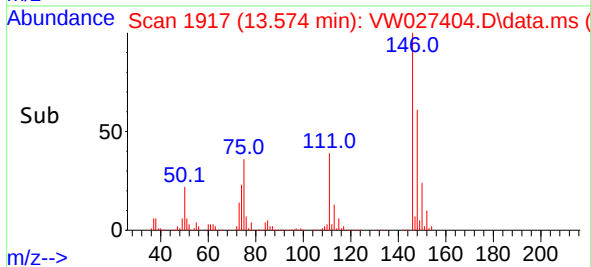
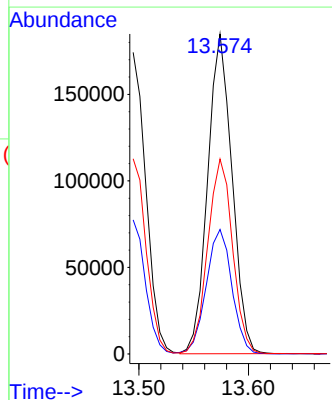
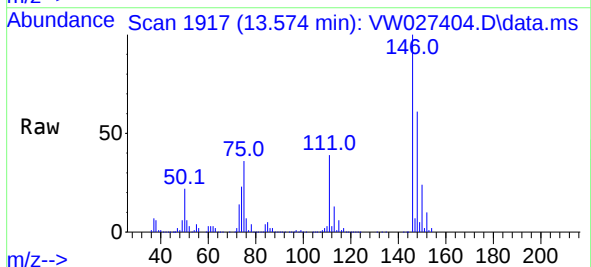


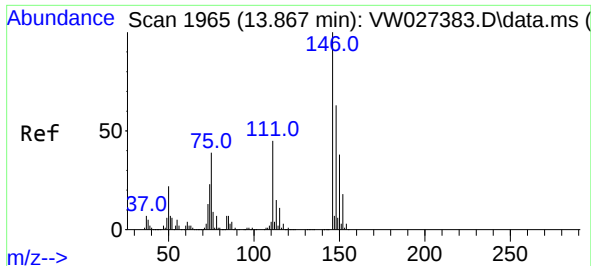
Tgt Ion:146 Resp: 275502
Ion Ratio Lower Upper
146 100
111 44.4 30.8 57.2
148 64.7 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.654 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion:146 Resp: 285344
Ion Ratio Lower Upper
146 100
111 38.9 29.5 54.9
148 60.9 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.818 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

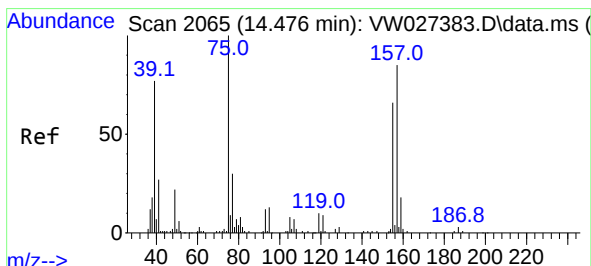
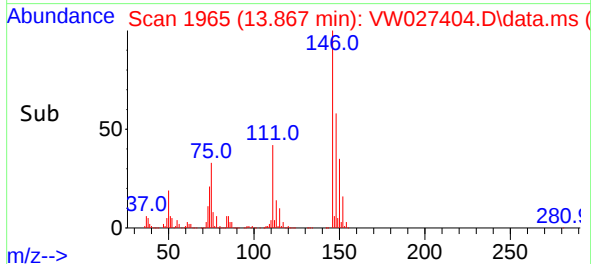
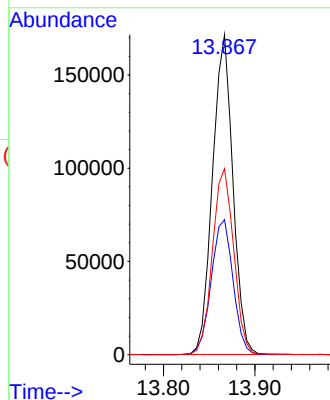
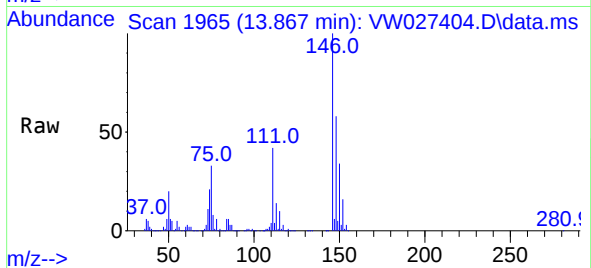
Tgt Ion:146 Resp: 265518

Ion Ratio Lower Upper

146 100

111 42.2 36.8 55.2

148 58.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.637 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027404.D

Acq: 23 Oct 2023 18:50

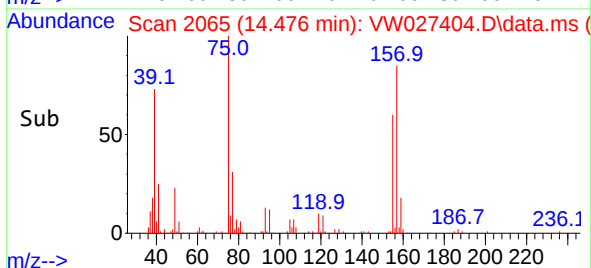
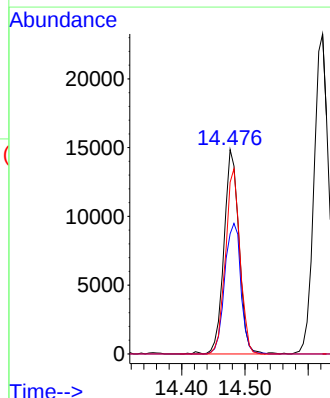
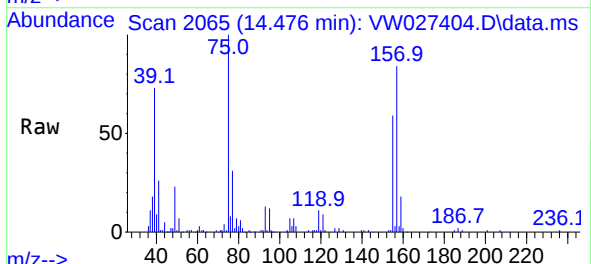
Tgt Ion: 75 Resp: 24460

Ion Ratio Lower Upper

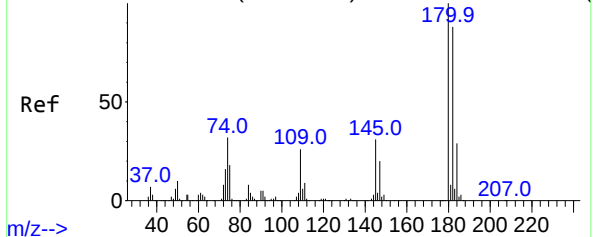
75 100

155 58.9 54.9 82.3

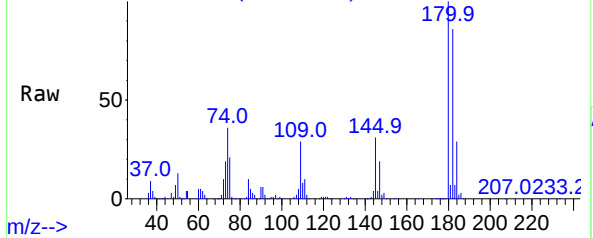
157 84.1 64.7 97.1



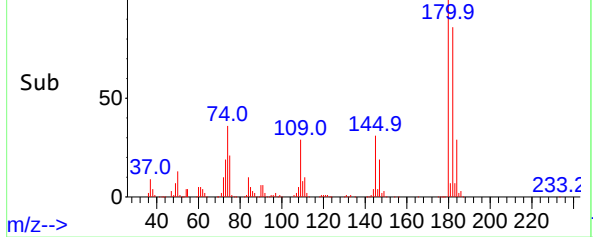
Abundance Scan 2090 (14.629 min): VW027383.D\data.ms (



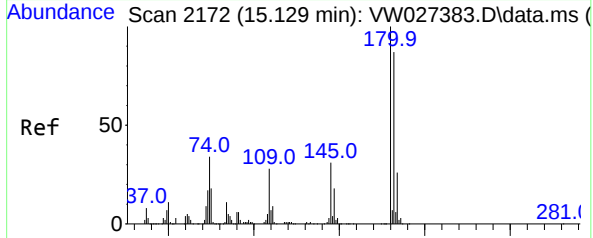
m/z--> Abundance Scan 2089 (14.623 min): VW027404.D\data.ms (



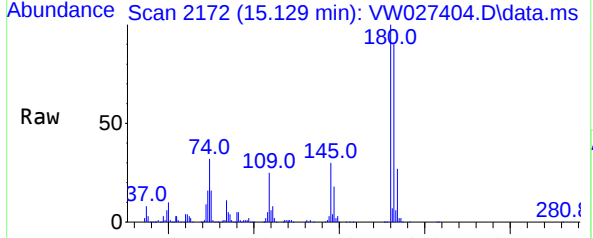
m/z--> Abundance Scan 2089 (14.623 min): VW027404.D\data.ms (



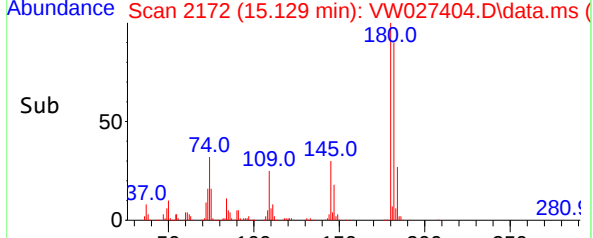
m/z--> Abundance Scan 2172 (15.129 min): VW027383.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW027404.D\data.ms (



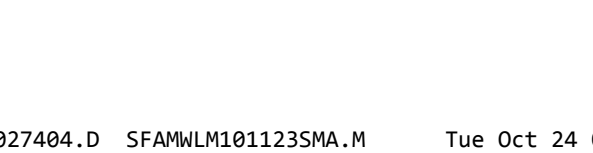
m/z--> Abundance Scan 2172 (15.129 min): VW027404.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW027404.D\data.ms (



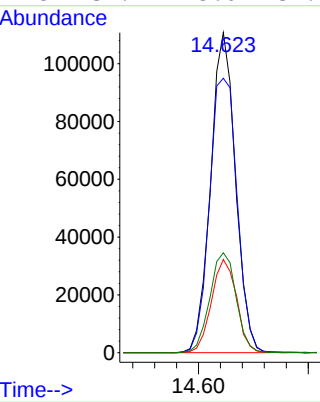
m/z--> Abundance Scan 2172 (15.129 min): VW027404.D\data.ms (



#69
1,3,5-Trichlorobenzene
Concen: 23.226 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

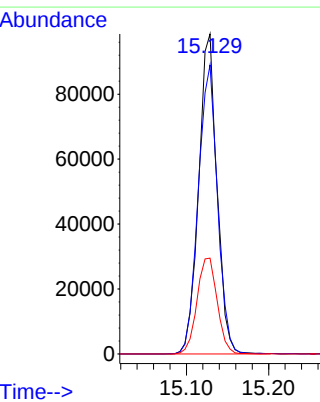
Instrument :
MSVOA_W
ClientSampleId :

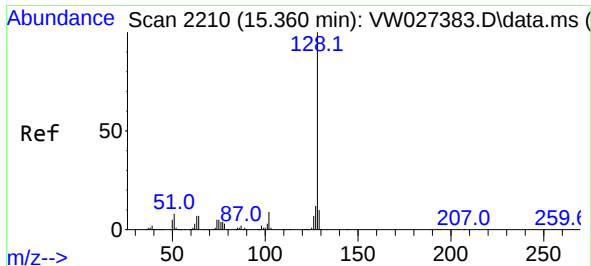
Tgt Ion:	180	Resp:	174744
Ion Ratio	Lower	Upper	
180	100		
182	95.2	73.4	110.0
184	29.4	23.3	34.9
145	32.9	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 23.786 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

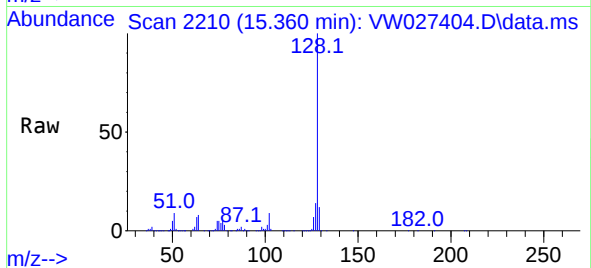
Tgt Ion:	180	Resp:	152317
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.5	113.3
145	33.1	26.4	39.6



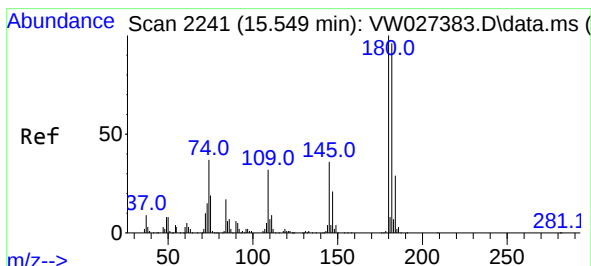
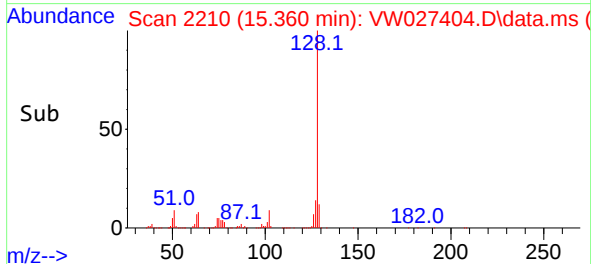
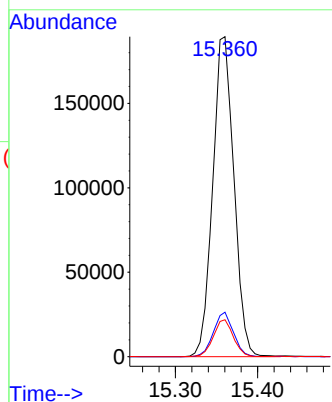


#71
Naphthalene
Concen: 25.784 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 339537
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.823 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW027404.D
Acq: 23 Oct 2023 18:50

Tgt Ion:180 Resp: 135975
Ion Ratio Lower Upper
180 100
182 97.7 81.1 121.7
145 33.8 30.6 45.8

