

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027206.D
 Acq On : 03 Oct 2023 17:07
 Operator : SY/MD
 Sample : 04707-03MSD
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:41:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	38186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	39255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	16737	27.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.600%
7) Chloroethane-d5	2.893	69	17390	36.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.680%
11) 1,1-Dichloroethene-d2	4.021	65	7564	30.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	121.360%#
21) 2-Butanone-d5	7.088	46	8086	65.194	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.380%
24) Chloroform-d	7.655	84	37793	33.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.280%
26) 1,2-Dichloroethane-d4	8.313	65	22047	41.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	164.640%#
32) Benzene-d6	8.276	84	72289	30.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.200%
36) 1,2-Dichloropropane-d6	9.276	67	25118	34.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.480%#
41) Toluene-d8	10.325	98	57480	27.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.320%
43) trans-1,3-Dichloroprop...	10.581	79	9354	33.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	132.360%
47) 2-Hexanone-d5	10.922	63	1700	15.429	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23143	41.986	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	167.960%#
66) 1,2-Dichlorobenzene-d4	13.849	152	20474	28.768	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	16638	33.532	ug/L #	85
3) Chloromethane	2.217	50	17426	26.018	ug/L	98
5) Vinyl chloride	2.363	62	18435	25.210	ug/L	97
6) Bromomethane	2.790	94	14316	29.716	ug/L	88
8) Chloroethane	2.930	64	12836	28.923	ug/L	94
9) Trichlorofluoromethane	3.277	101	27545	44.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	16686	26.984	ug/L #	48
12) 1,1-Dichloroethene	4.045	96	14493	24.533	ug/L	84
13) Acetone	4.131	43	13926	90.863	ug/L	98
14) Carbon disulfide	4.393	76	46762	23.584	ug/L	97
15) Methyl Acetate	4.673	43	4805	18.705	ug/L #	56
16) Methylene chloride	4.929	84	26579	35.556	ug/L	96
17) trans-1,2-Dichloroethene	5.442	96	15814	24.879	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	39020	49.055	ug/L #	84
19) 1,1-Dichloroethane	6.222	63	32892	27.748	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	18452	27.233	ug/L	94
22) 2-Butanone	7.185	43	12299	64.885	ug/L	76
23) Bromochloromethane	7.514	128	10047	32.496	ug/L	88
25) Chloroform	7.679	83	35125	30.381	ug/L	90

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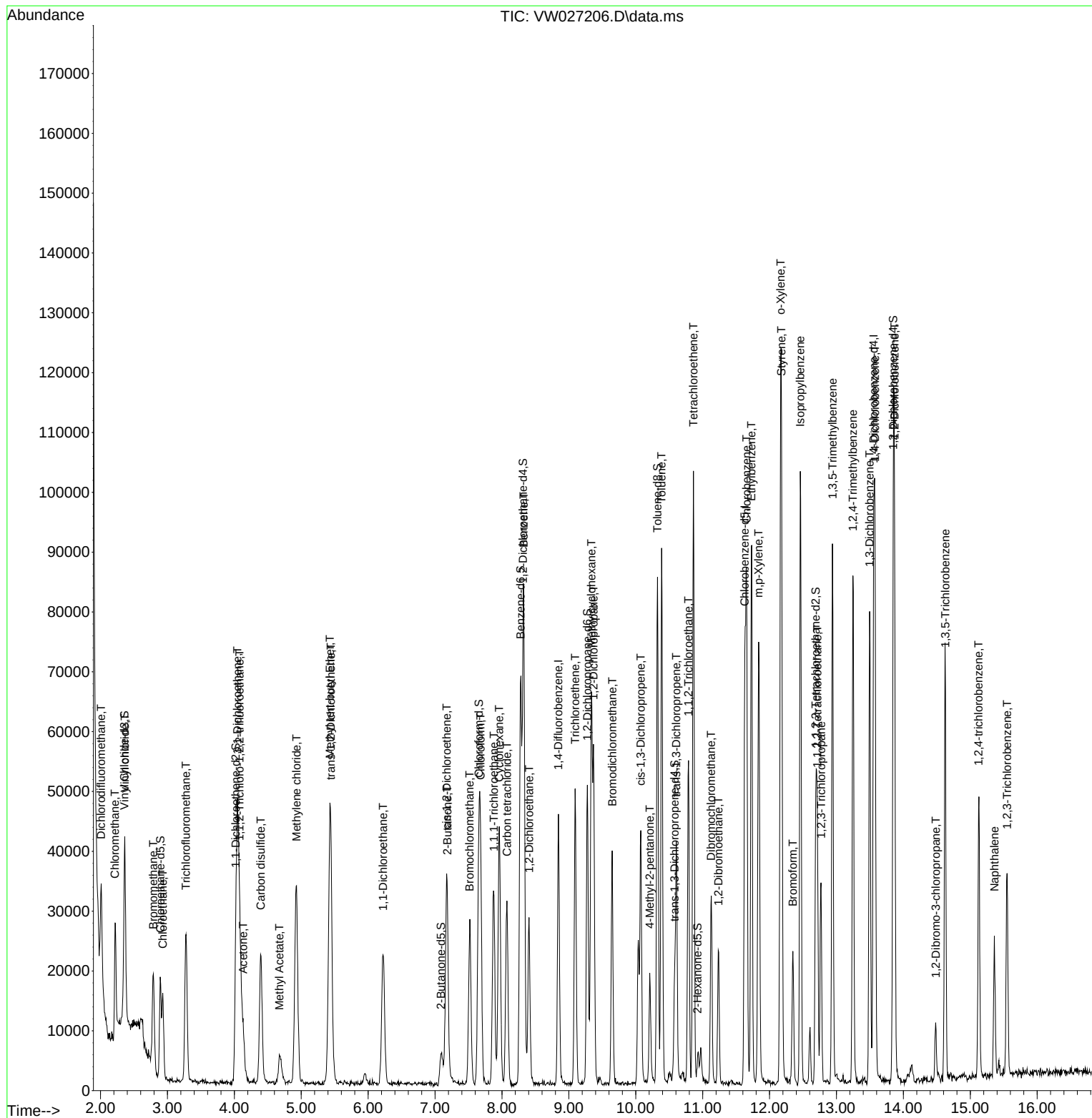
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	24459	34.535	ug/L	100
29) Cyclohexane	7.959	56	20625	19.749	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	28127	28.824	ug/L	97
31) Carbon tetrachloride	8.075	117	22806	24.744	ug/L	94
33) Benzene	8.325	78	72478	26.123	ug/L	100
34) Trichloroethene	9.093	95	17530	24.195	ug/L	95
35) Methylcyclohexane	9.337	83	22296	18.296	ug/L	93
37) 1,2-Dichloropropane	9.368	63	21005	29.382	ug/L	98
38) Bromodichloromethane	9.648	83	25408	29.592	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	26176	24.850	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	11868	34.219	ug/L	99
42) Toluene	10.386	91	66612	23.378	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	23146	26.811	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	17737	34.284	ug/L	94
46) Tetrachloroethene	10.861	164	22925	40.251	ug/L	93
49) Dibromochloromethane	11.123	129	16825	29.987	ug/L	99
50) 1,2-Dibromoethane	11.233	107	15256	31.778	ug/L	96
51) Chlorobenzene	11.654	112	45449	24.037	ug/L	96
52) Ethylbenzene	11.727	91	64194	20.055	ug/L	95
53) m,p-Xylene	11.837	106	24994	20.364	ug/L	98
54) o-Xylene	12.166	106	24673	21.519	ug/L	98
55) Styrene	12.178	104	40507	20.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	21023	33.878	ug/L	97
59) Bromoform	12.349	173	10759	32.099	ug/L	97
60) Isopropylbenzene	12.459	105	63956	20.462	ug/L	98
61) 1,2,3-Trichloropropane	12.770	75	14686	33.795	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	48237	19.684	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	46487	19.358	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	33548	23.256	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	32659	22.534	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	33011	26.107	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.483	75	2287	24.569	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	22367	24.079	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	15537	21.200	ug/L	99
71) Naphthalene	15.361	128	18700	14.462	ug/L	95
72) 1,2,3-Trichlorobenzene	15.549	180	12126	18.640	ug/L	96

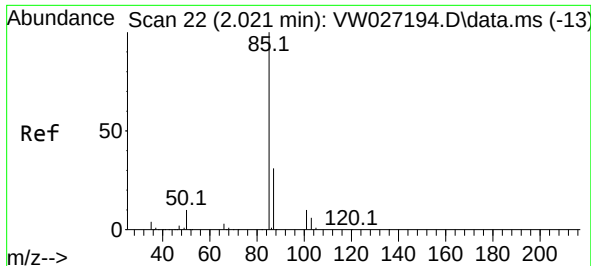
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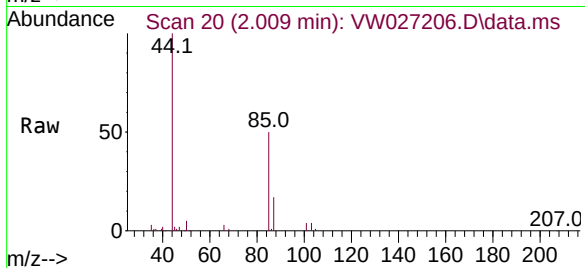
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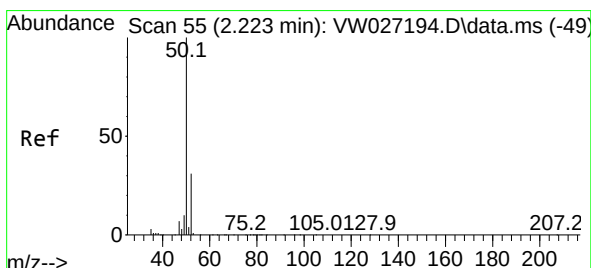
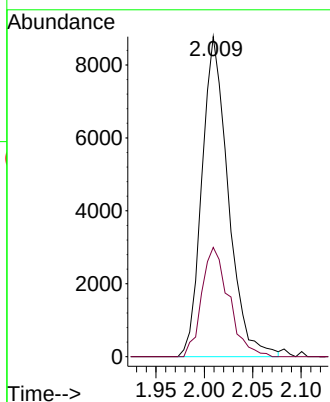
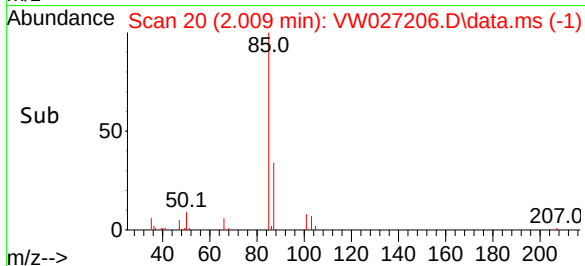


#2
Dichlorodifluoromethane
Concen: 33.532 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.012 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Instrument :
MSVOA_W
ClientSampleId :

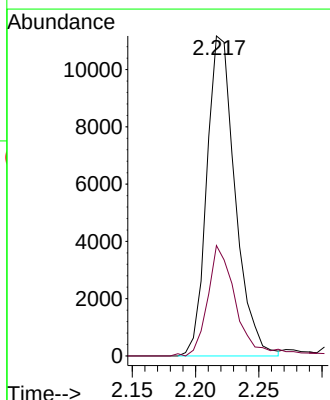
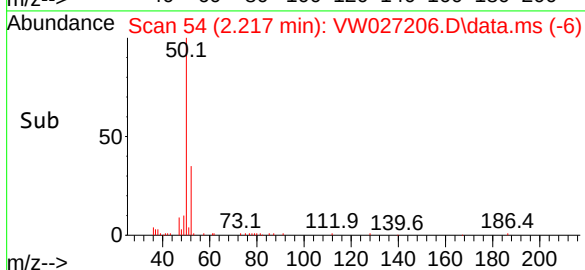
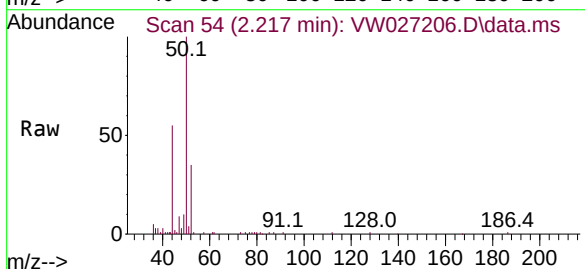


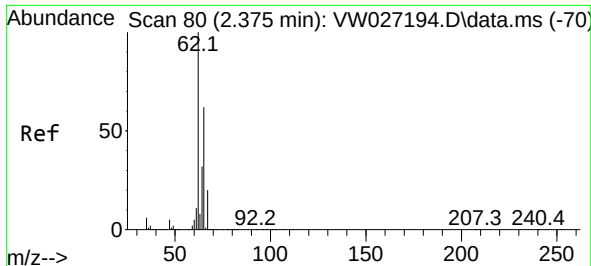
Tgt Ion: 85 Resp: 16638
Ion Ratio Lower Upper
85 100
87 35.3 22.1 33.1#



#3
Chloromethane
Concen: 26.018 ug/L
RT: 2.217 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion: 50 Resp: 17426
Ion Ratio Lower Upper
50 100
52 34.5 23.5 43.7

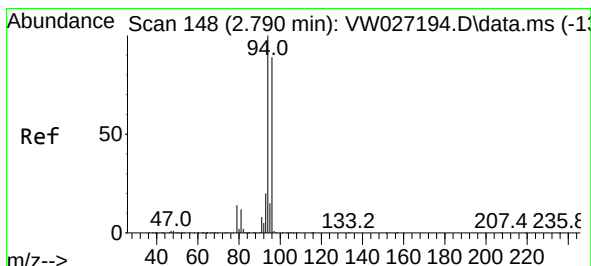
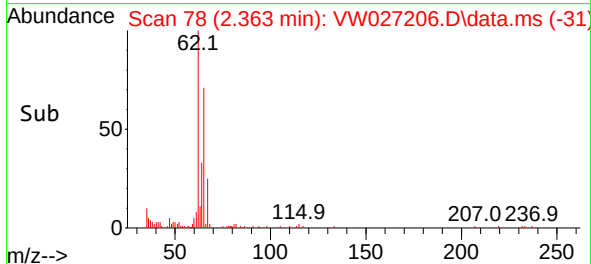
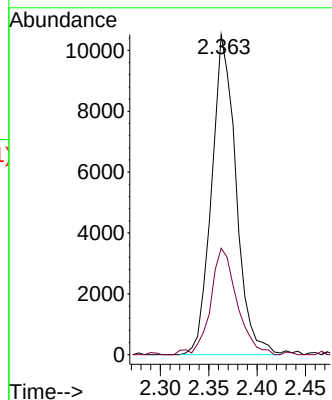
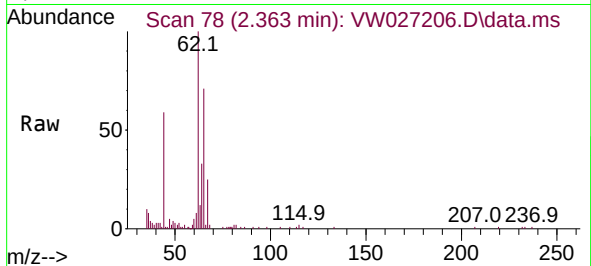




#5
 Vinyl chloride
 Concen: 25.210 ug/L
 RT: 2.363 min Scan# 78
 Delta R.T. -0.012 min
 Lab File: VW027206.D
 Acq: 03 Oct 2023 17:07

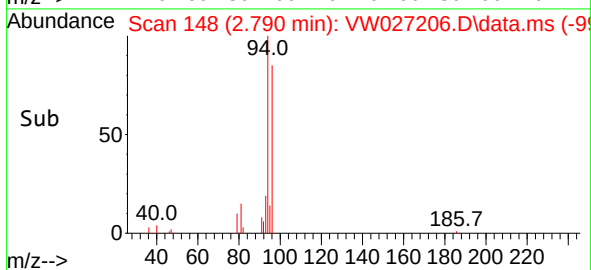
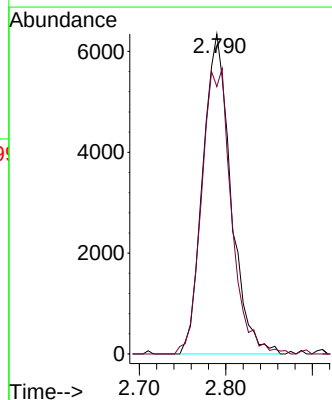
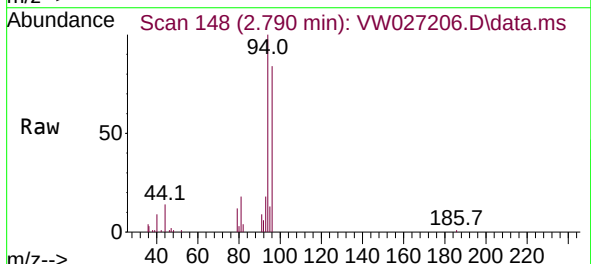
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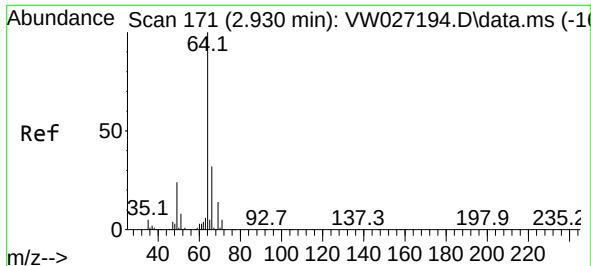
Tgt Ion: 62 Resp: 18435
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.2 41.2



#6
 Bromomethane
 Concen: 29.716 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027206.D
 Acq: 03 Oct 2023 17:07

Tgt Ion: 94 Resp: 14316
 Ion Ratio Lower Upper
 94 100
 96 83.6 66.8 124.0

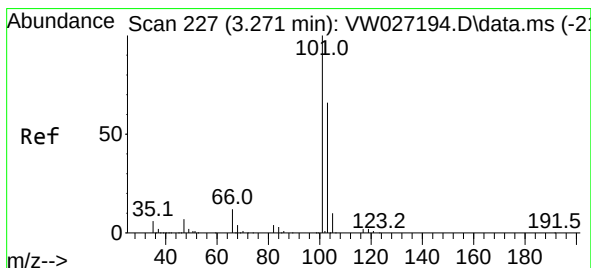
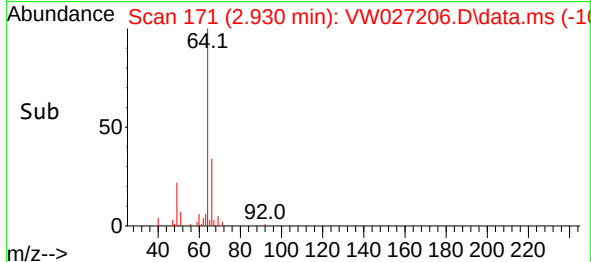
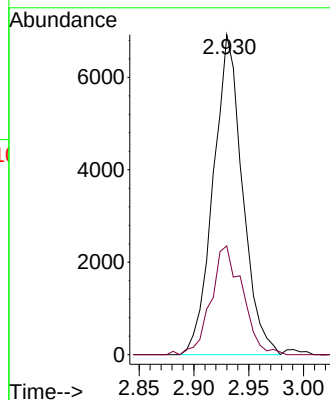
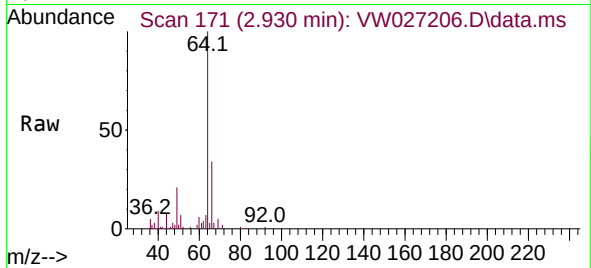




#8
Chloroethane
Concen: 28.923 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

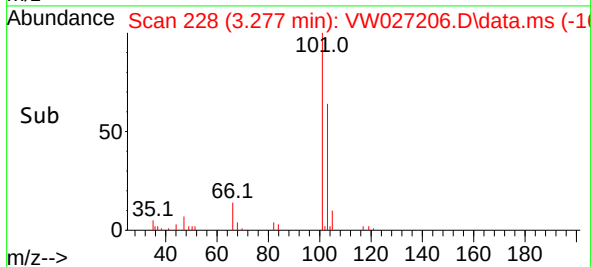
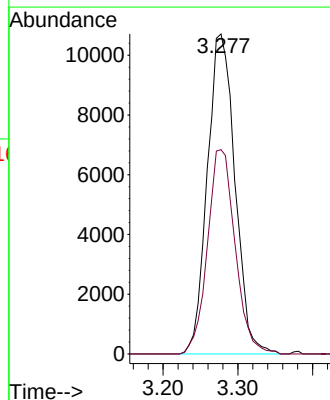
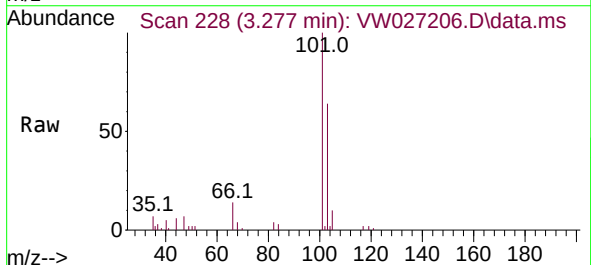
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MSVOA_W
ClientSampleId :

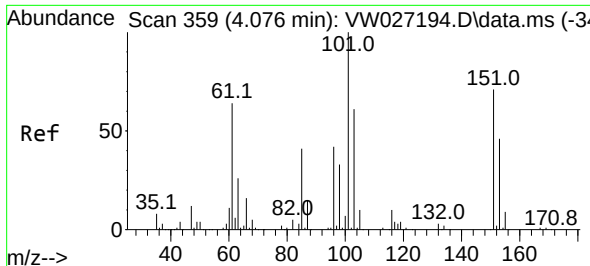
Tgt Ion: 64 Resp: 12836
Ion Ratio Lower Upper
64 100
66 34.0 21.5 39.9



#9
Trichlorofluoromethane
Concen: 44.819 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion:101 Resp: 27545
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

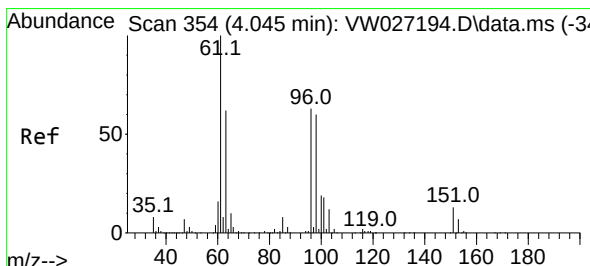
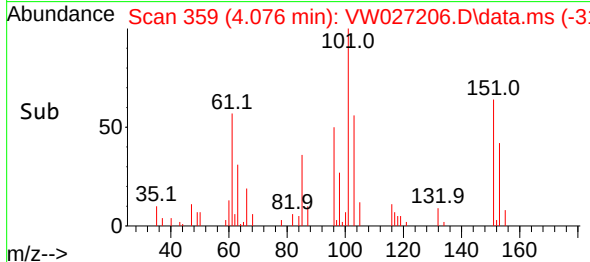
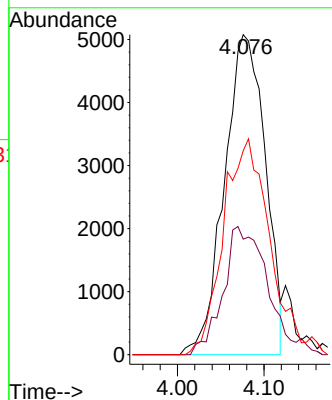
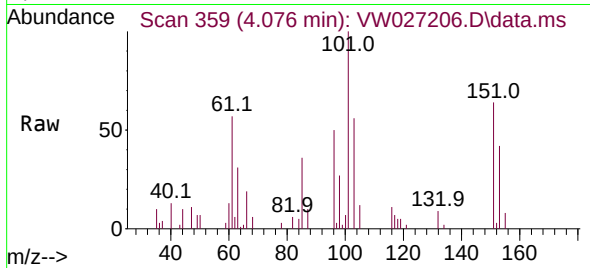




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.984 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027206.D
 Acq: 03 Oct 2023 17:07

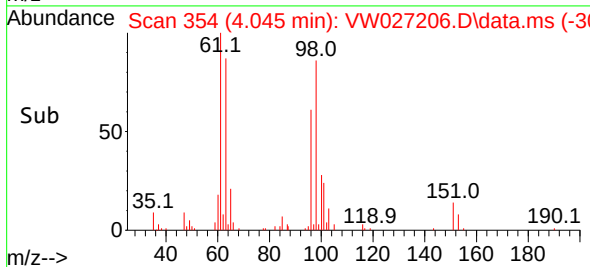
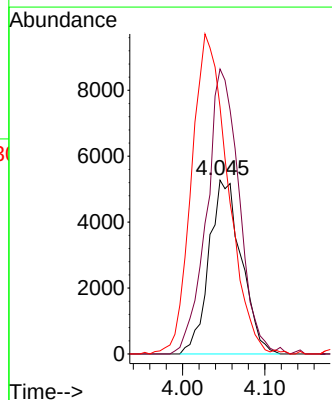
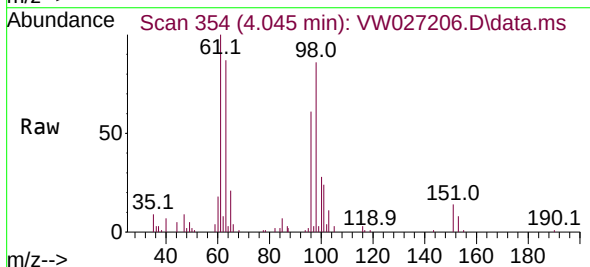
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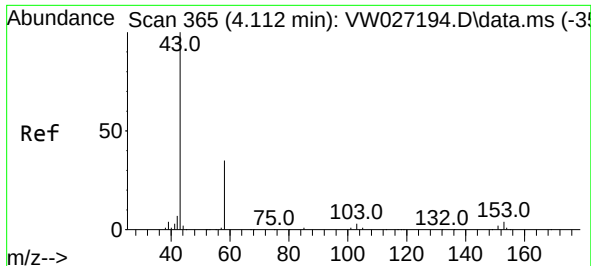
Tgt Ion:101 Resp: 16686
 Ion Ratio Lower Upper
 101 100
 85 16.8 33.1 49.7#
 151 22.9 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 24.533 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027206.D
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Tgt Ion: 96 Resp: 14493
 Ion Ratio Lower Upper
 96 100
 61 164.0 109.8 204.0
 63 142.0 76.9 142.7

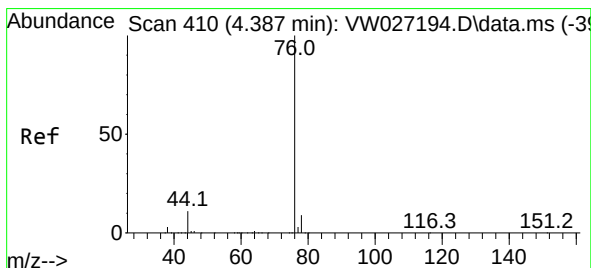
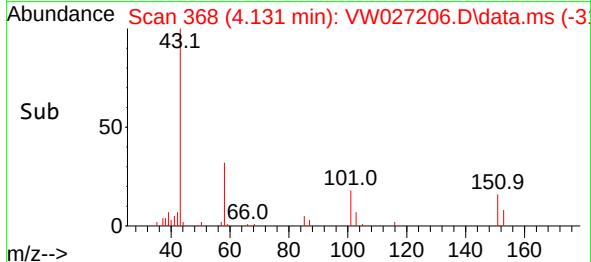
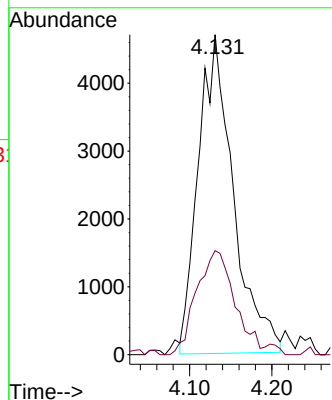
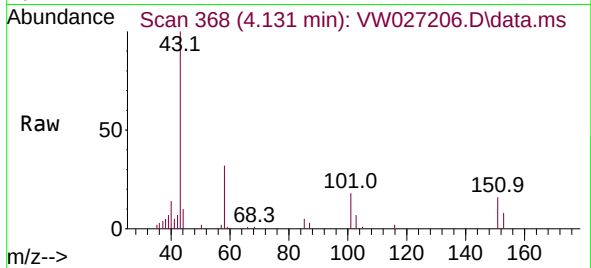




#13
Acetone
Concen: 90.863 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW027206.D
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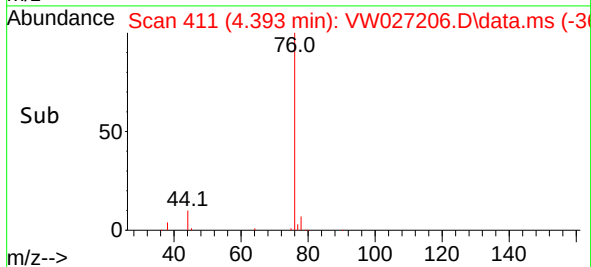
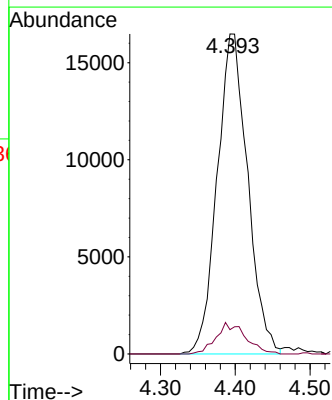
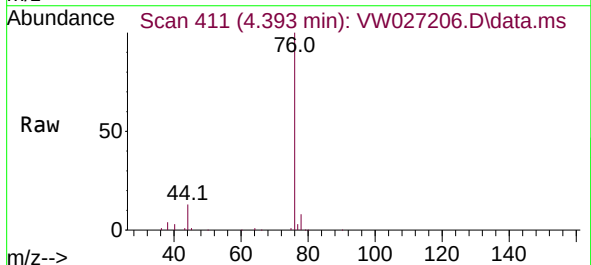
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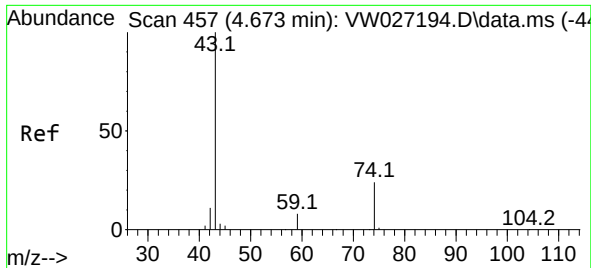
Tgt Ion: 43 Resp: 13926
Ion Ratio Lower Upper
43 100
58 34.2 0.0 70.4



#14
Carbon disulfide
Concen: 23.584 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 46762
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6

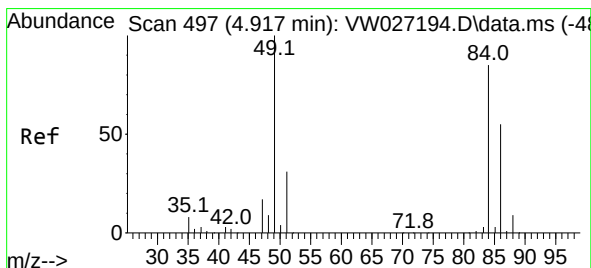
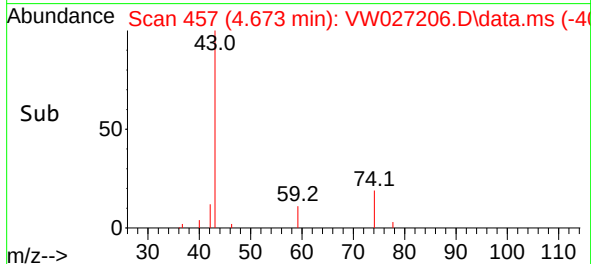
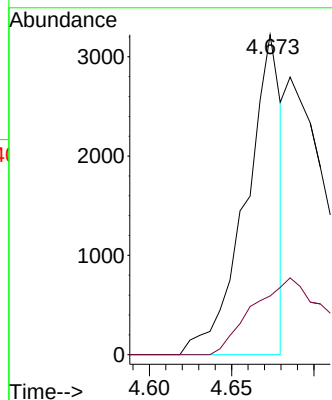
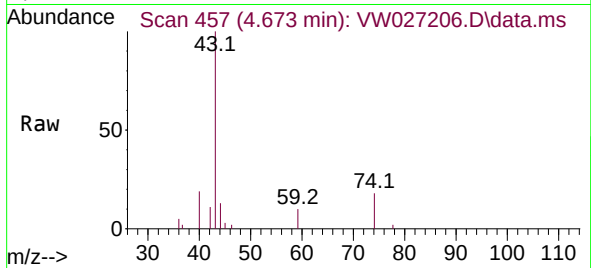




#15
Methyl Acetate
Concen: 18.705 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

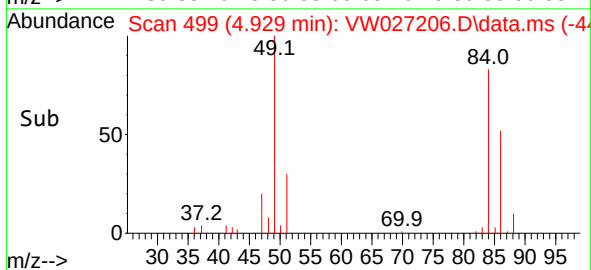
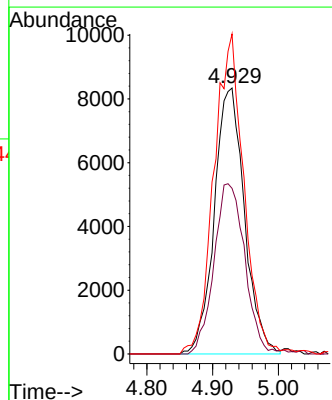
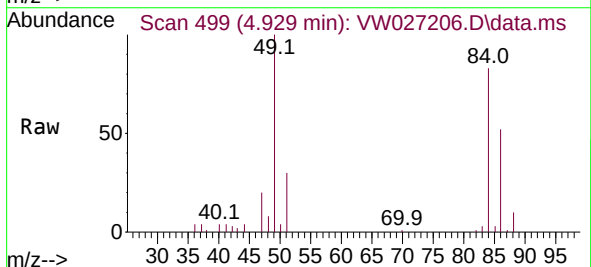
Instrument :
MSVOA_W
ClientSampleId :

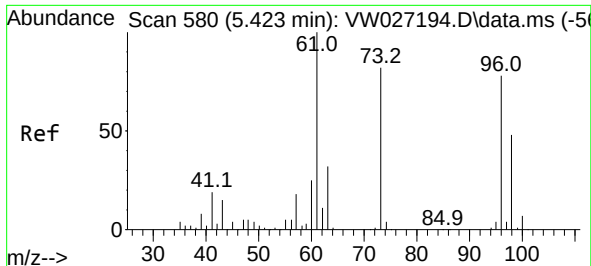
Tgt Ion: 43 Resp: 4805
Ion Ratio Lower Upper
43 100
74 48.3 20.8 31.2#



#16
Methylene chloride
Concen: 35.556 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion: 84 Resp: 26579
Ion Ratio Lower Upper
84 100
86 62.3 45.1 83.9
49 120.3 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 24.879 ug/L

RT: 5.442 min Scan# 580

Delta R.T. 0.018 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

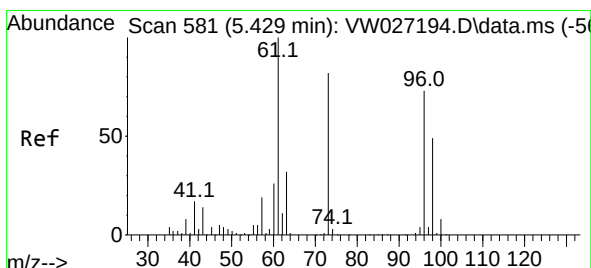
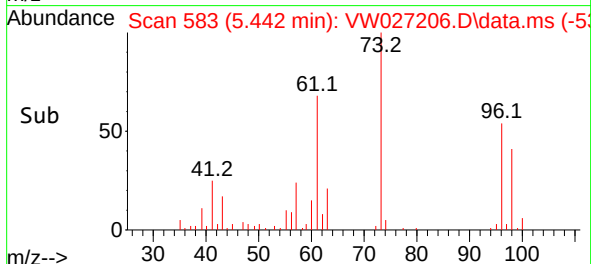
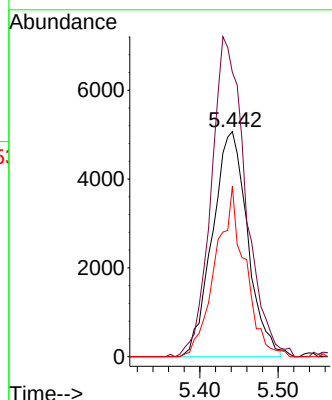
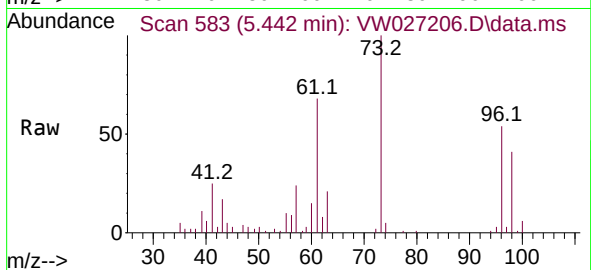
Tgt Ion: 96 Resp: 15814

Ion Ratio Lower Upper

96 100

61 126.3 93.5 173.7

98 75.7 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 49.055 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

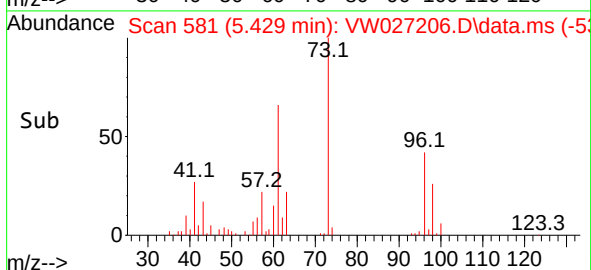
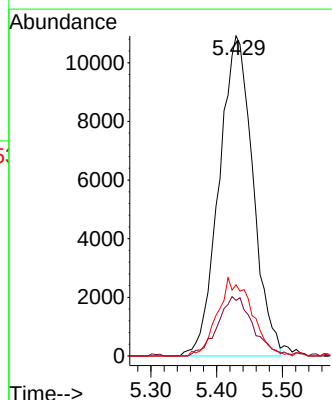
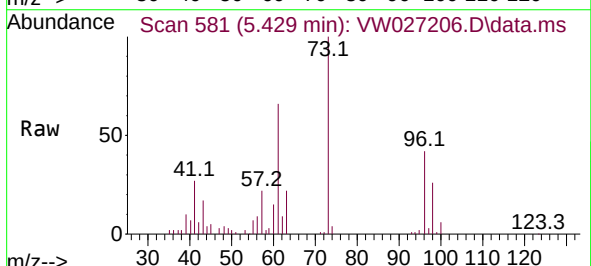
Tgt Ion: 73 Resp: 39020

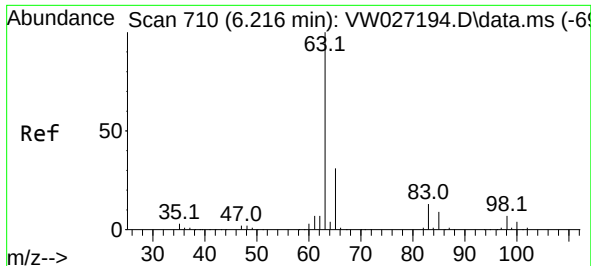
Ion Ratio Lower Upper

73 100

43 19.3 14.2 21.2

57 10.3 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 27.748 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

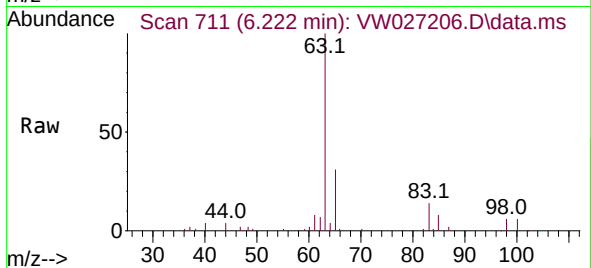
Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :



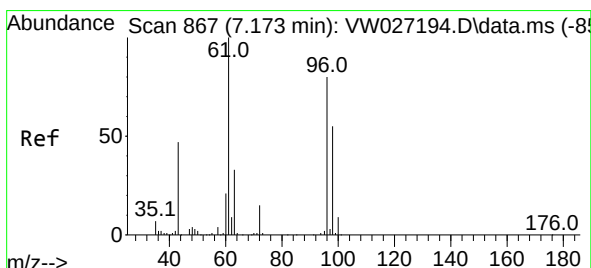
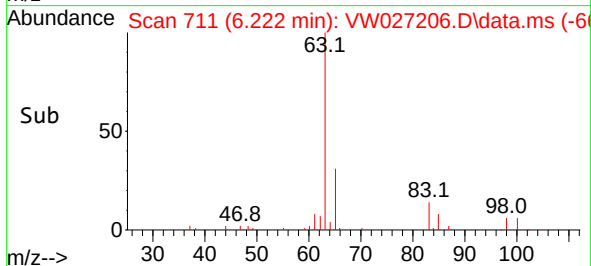
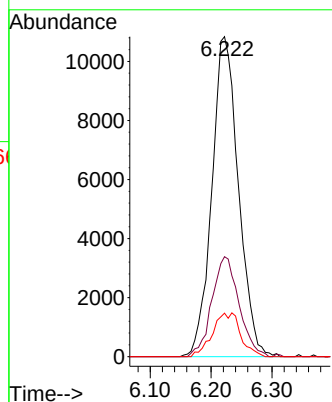
Tgt Ion: 63 Resp: 32892

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.9

83 13.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 27.233 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

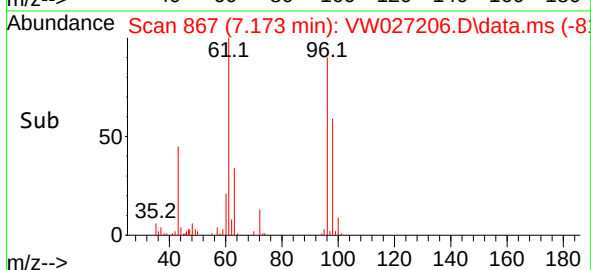
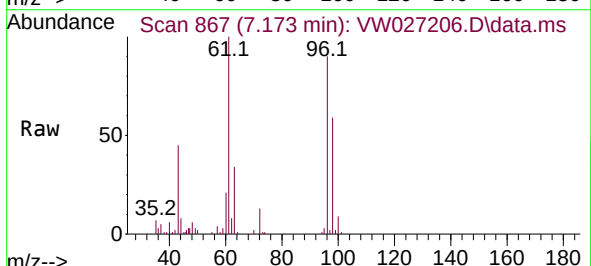
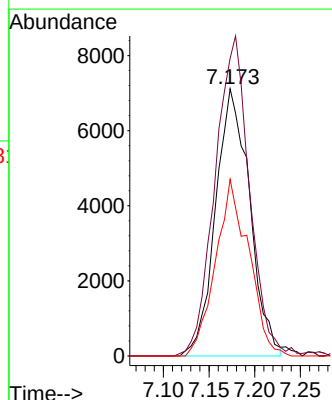
Tgt Ion: 96 Resp: 18452

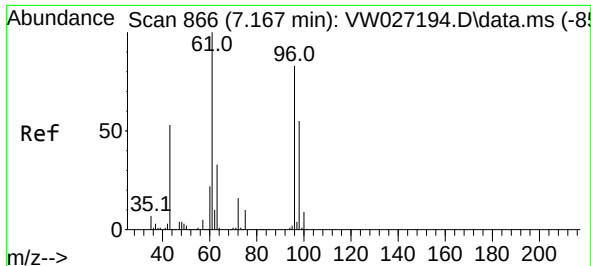
Ion Ratio Lower Upper

96 100

61 111.4 82.7 153.5

98 66.1 43.0 80.0

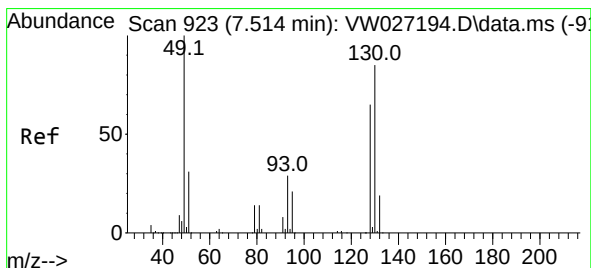
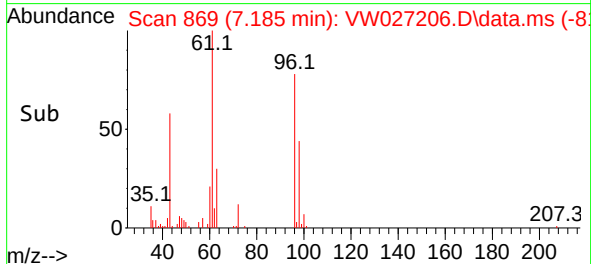
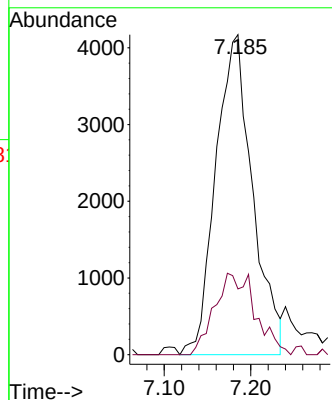
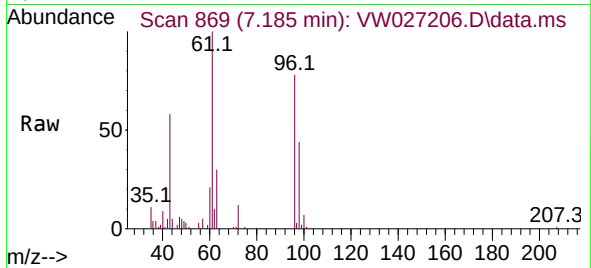




#22
2-Butanone
Concen: 64.885 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

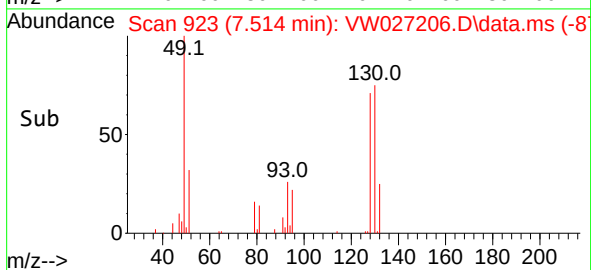
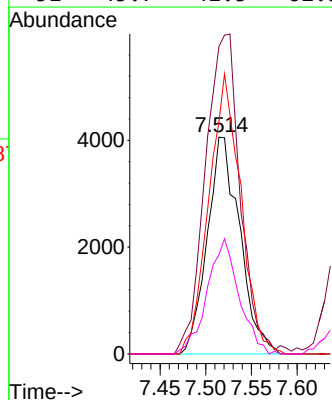
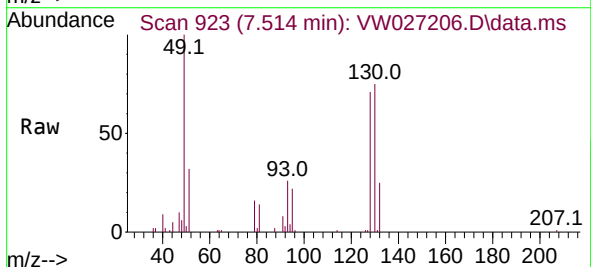
Instrument :
MSVOA_W
ClientSampleId :

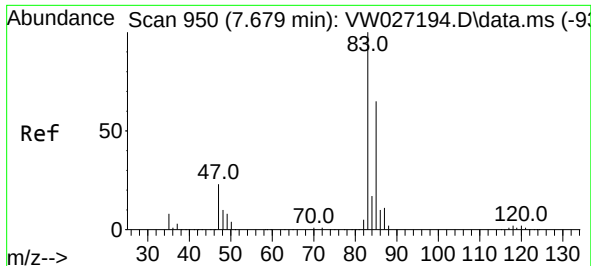
Tgt Ion: 43 Resp: 12299
Ion Ratio Lower Upper
43 100
72 16.6 14.6 44.0



#23
Bromochloromethane
Concen: 32.496 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion: 128 Resp: 10047
Ion Ratio Lower Upper
128 100
49 141.8 112.1 208.1
130 106.9 83.9 155.7
51 45.7 41.5 62.3

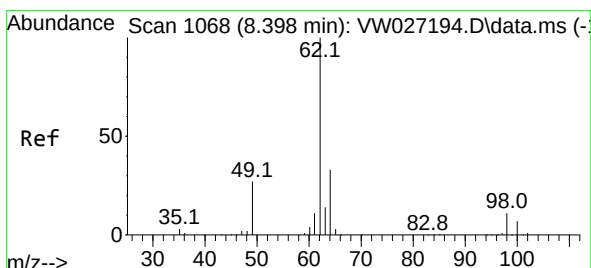
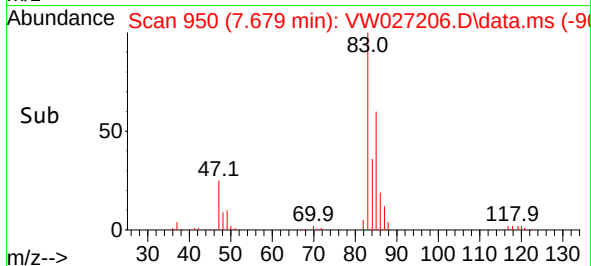
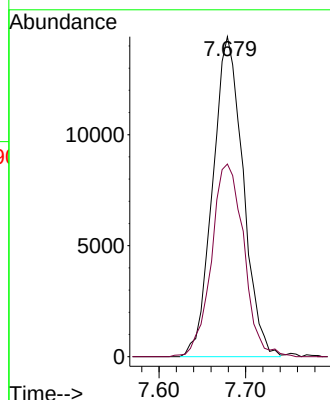
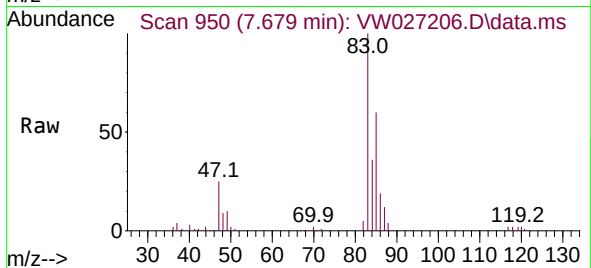




#25
Chloroform
Concen: 30.381 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

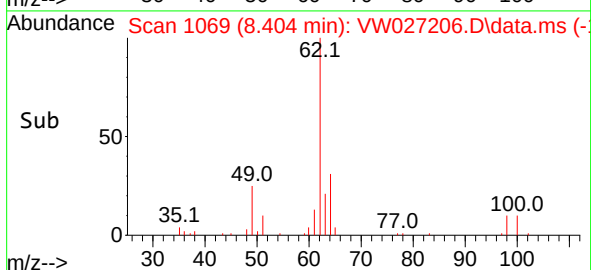
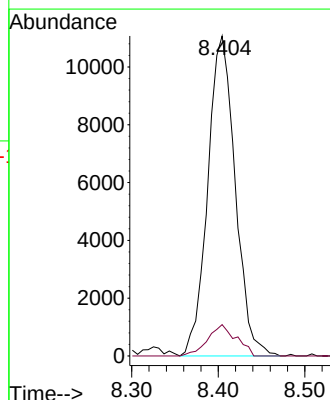
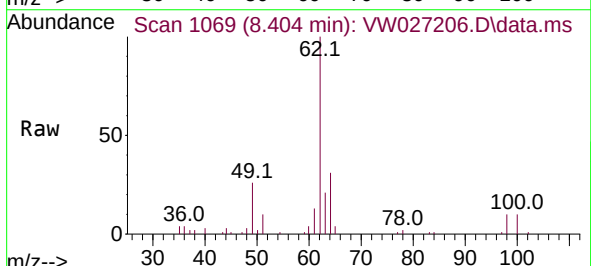
Instrument :
MSVOA_W
ClientSampleId :

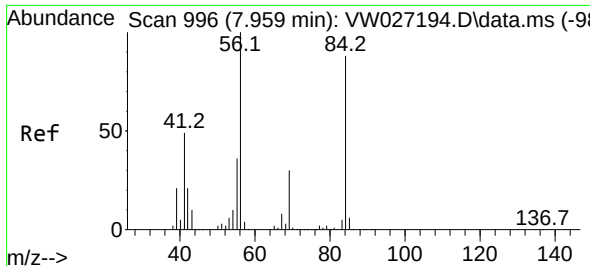
Tgt Ion: 83 Resp: 35125
Ion Ratio Lower Upper
83 100
85 60.2 47.7 88.5



#27
1,2-Dichloroethane
Concen: 34.535 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

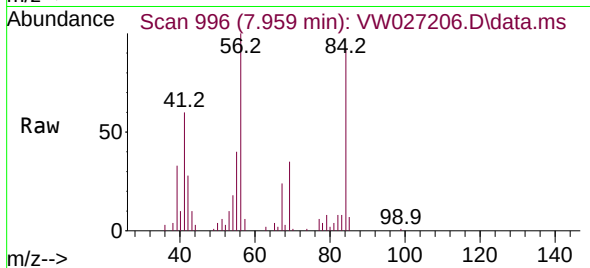
Tgt Ion: 62 Resp: 24459
Ion Ratio Lower Upper
62 100
98 9.8 7.9 11.9



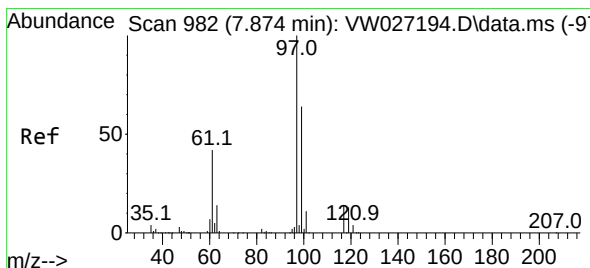
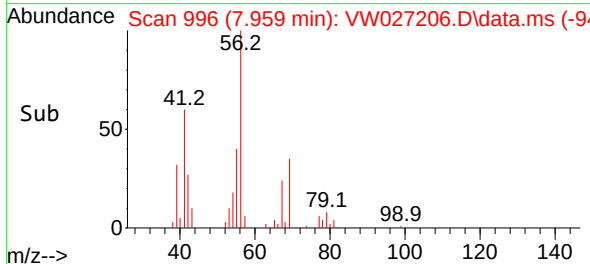
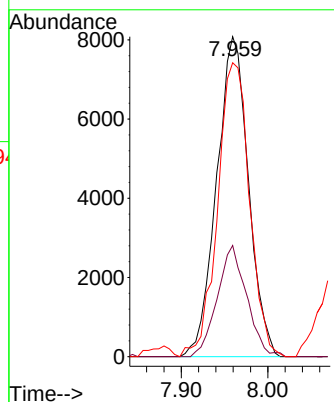


#29
Cyclohexane
Concen: 19.749 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Instrument :
MSVOA_W
ClientSampleId :

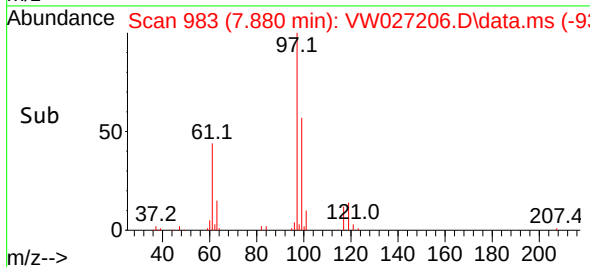
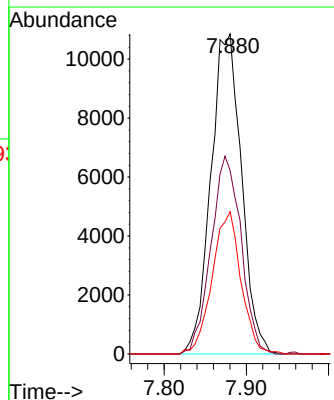
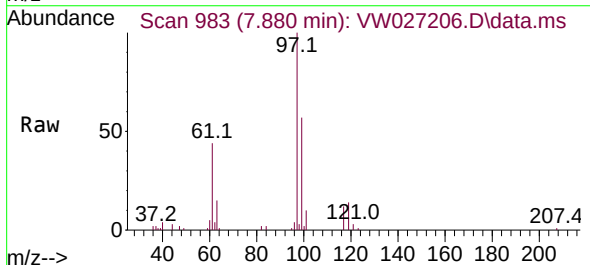


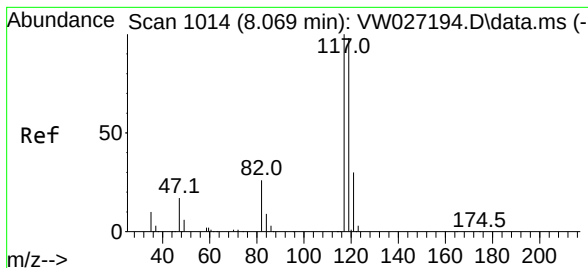
Tgt Ion:	56	Resp:	20625
Ion Ratio	Lower	Upper	
56	100		
69	31.7	25.0	37.4
84	91.1	69.9	104.9



#30
1,1,1-Trichloroethane
Concen: 28.824 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion:	97	Resp:	28127
Ion Ratio	Lower	Upper	
97	100		
99	60.6	50.8	76.2
61	41.6	34.6	52.0





#31

Carbon tetrachloride

Concen: 24.744 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

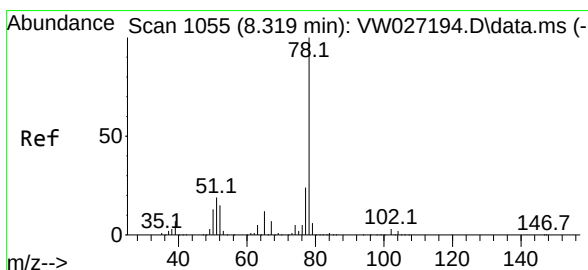
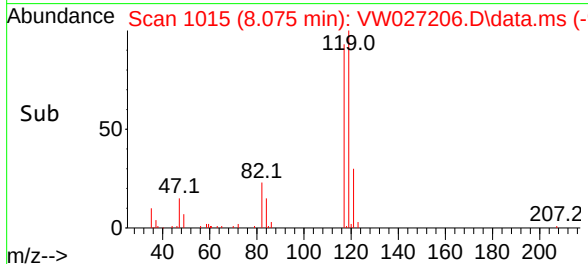
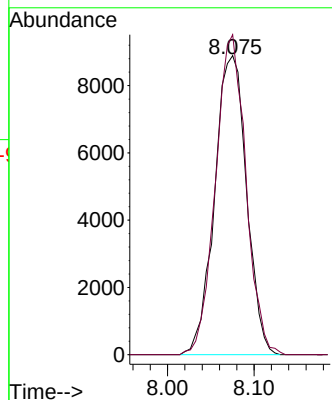
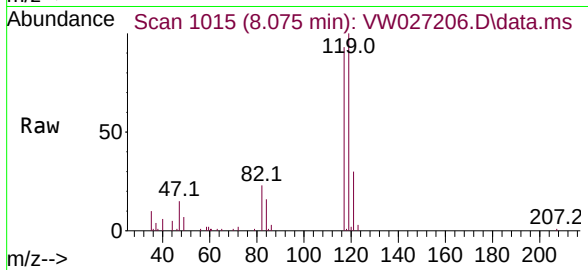
ClientSampleId :

Tgt Ion:117 Resp: 22806

Ion Ratio Lower Upper

117 100

119 101.7 77.0 115.6



#33

Benzene

Concen: 26.123 ug/L

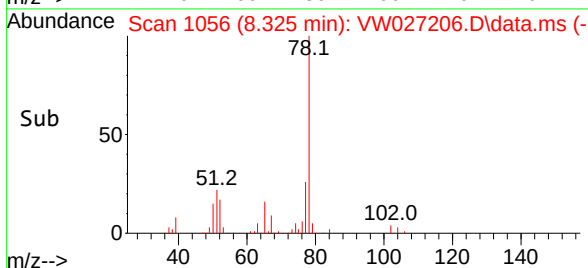
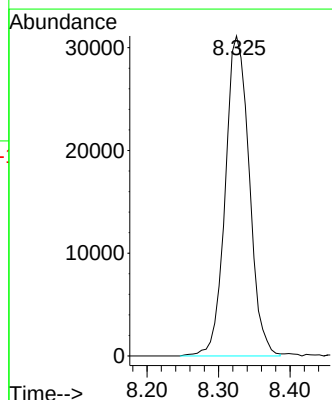
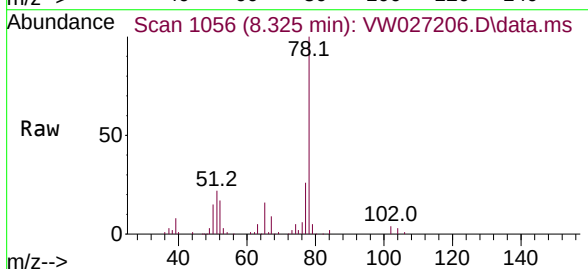
RT: 8.325 min Scan# 1056

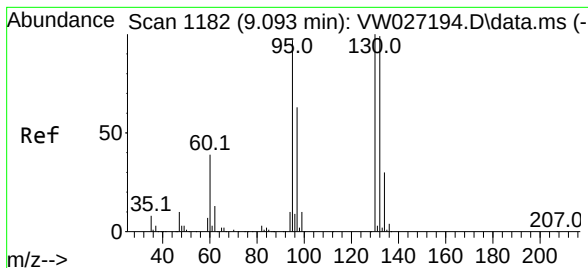
Delta R.T. 0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Tgt Ion: 78 Resp: 72478





#34

Trichloroethene

Concen: 24.195 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

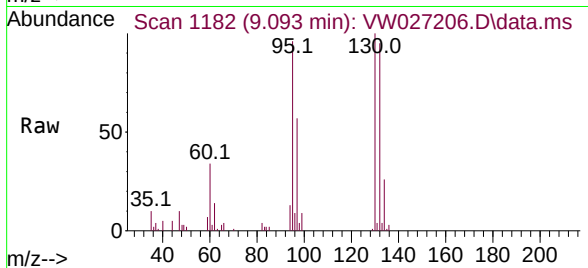
Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 17530

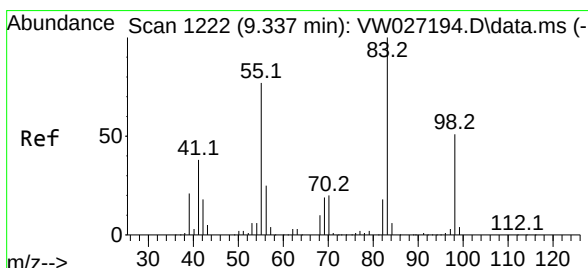
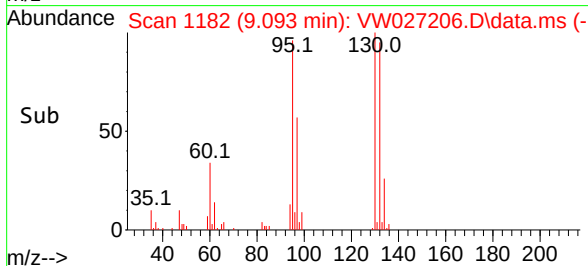
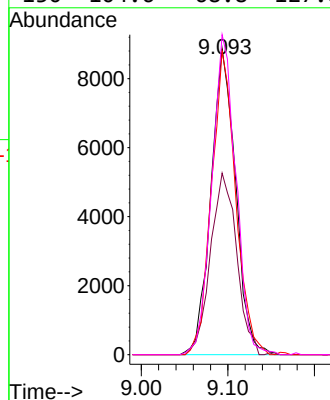
Ion Ratio Lower Upper

95 100

97 59.4 46.1 85.7

132 99.3 71.5 132.9

130 104.6 68.8 127.8



#35

Methylcyclohexane

Concen: 18.296 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

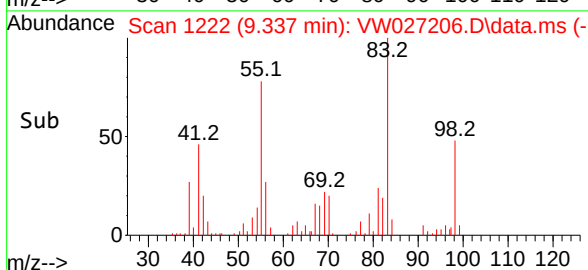
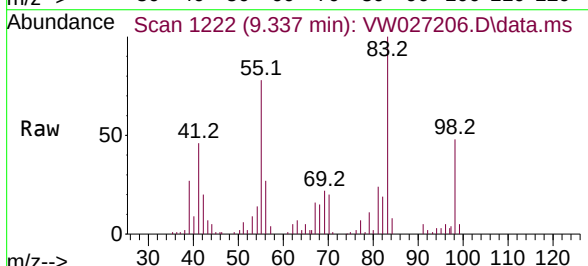
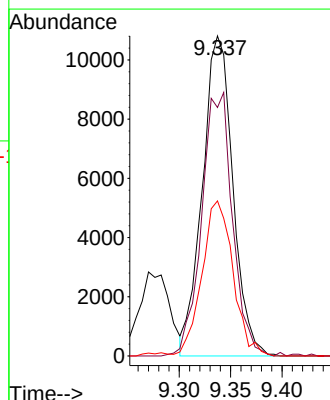
Tgt Ion: 83 Resp: 22296

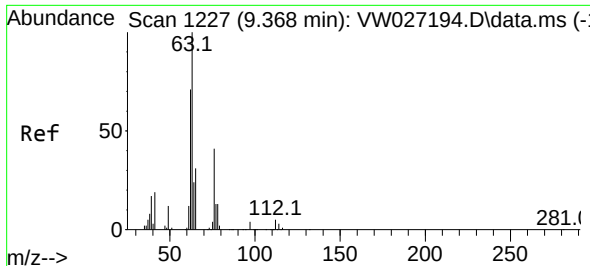
Ion Ratio Lower Upper

83 100

55 83.0 59.1 88.7

98 49.4 38.6 58.0





#37

1,2-Dichloropropane

Concen: 29.382 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

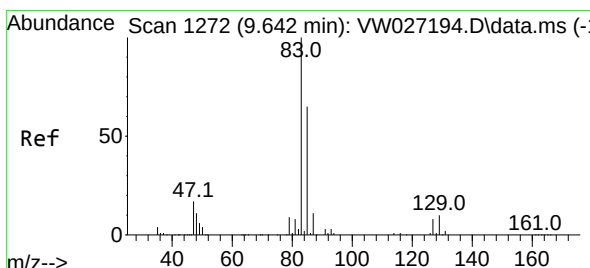
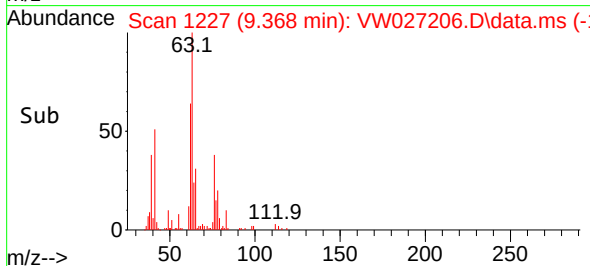
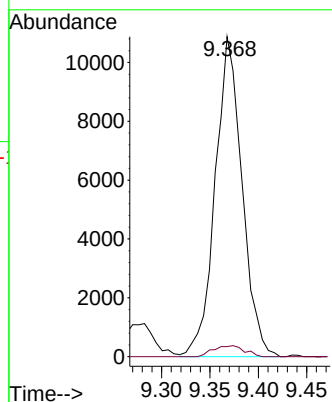
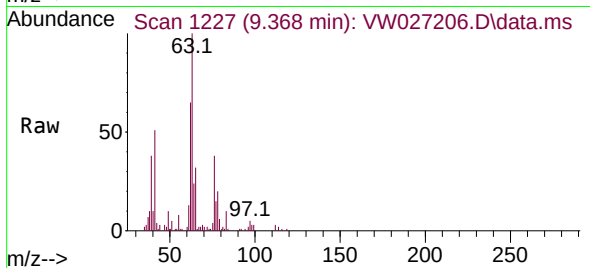
ClientSampleId :

Tgt Ion: 63 Resp: 21005

Ion Ratio Lower Upper

63 100

112 4.0 3.7 5.5



#38

Bromodichloromethane

Concen: 29.592 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

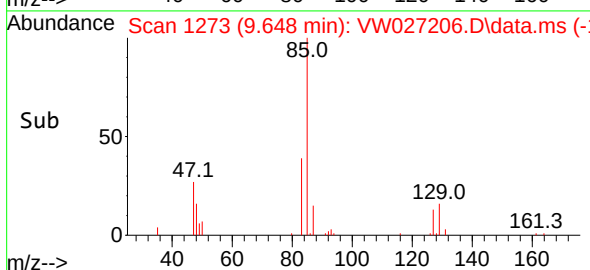
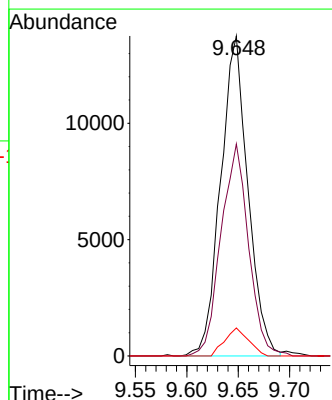
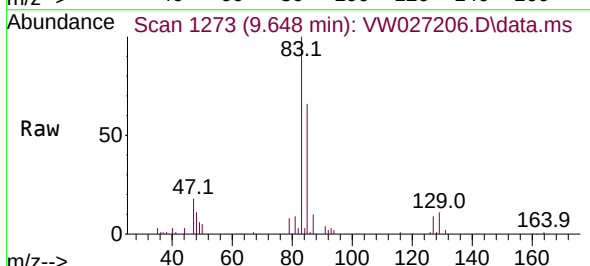
Tgt Ion: 83 Resp: 25408

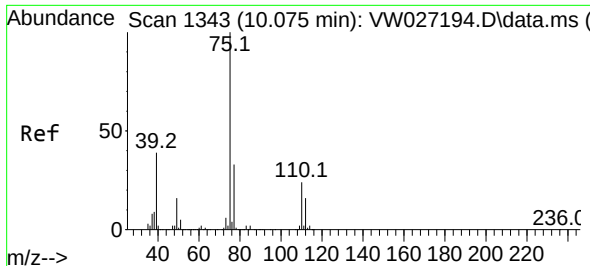
Ion Ratio Lower Upper

83 100

85 66.3 44.7 82.9

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 24.850 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

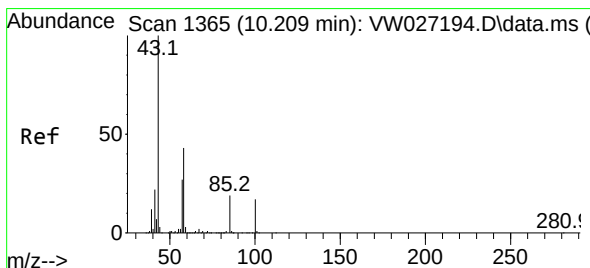
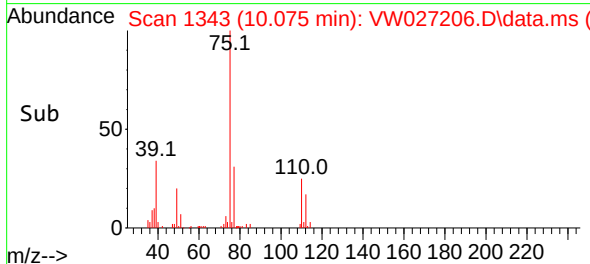
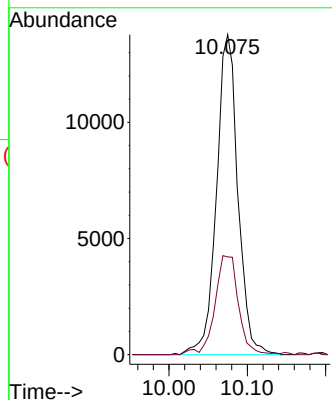
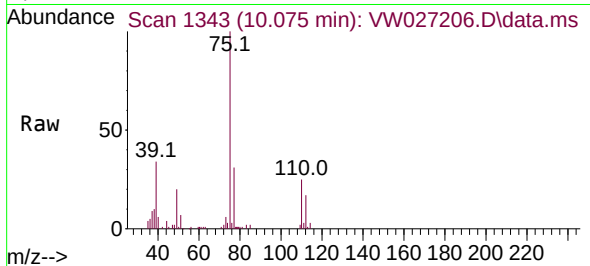
ClientSampleId :

Tgt Ion: 75 Resp: 26176

Ion Ratio Lower Upper

75 100

77 30.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 34.219 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

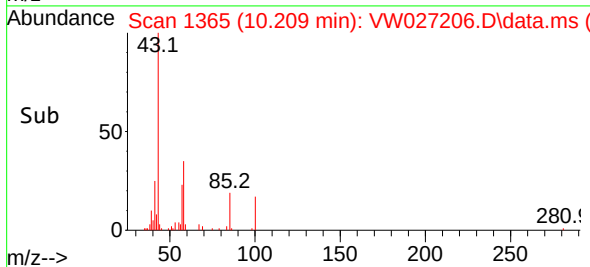
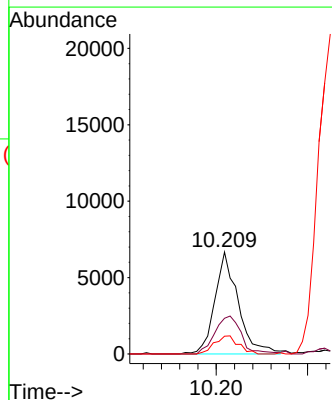
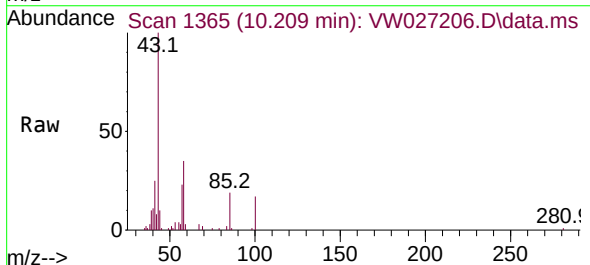
Tgt Ion: 43 Resp: 11868

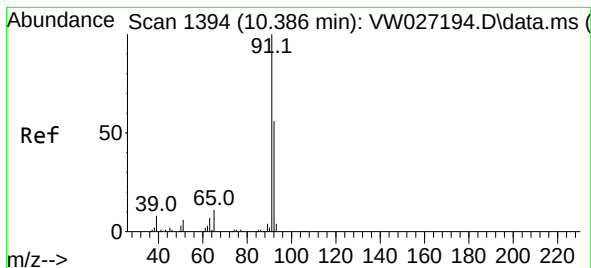
Ion Ratio Lower Upper

43 100

58 41.5 33.8 50.6

100 18.1 13.7 20.5





#42

Toluene

Concen: 23.378 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

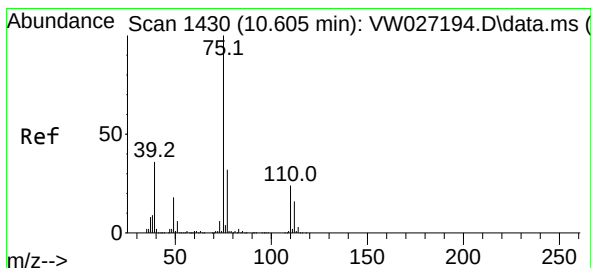
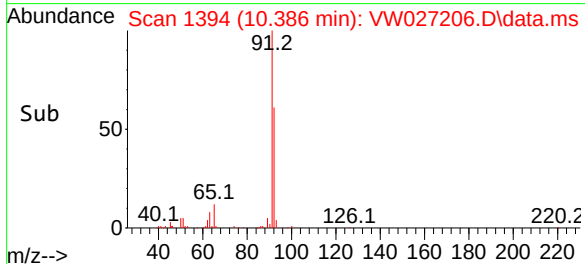
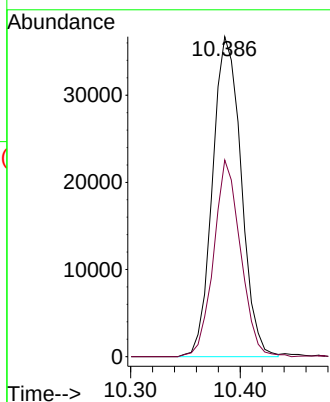
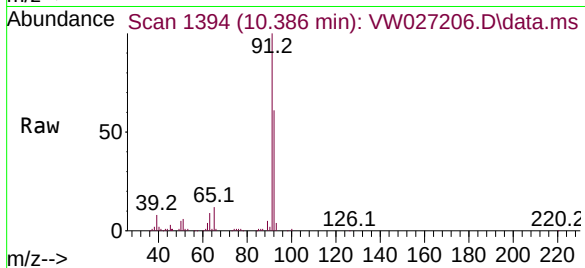
ClientSampleId :

Tgt Ion: 91 Resp: 66612

Ion Ratio Lower Upper

91 100

92 61.5 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 26.811 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027206.D

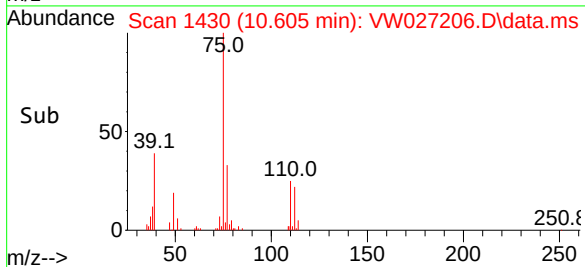
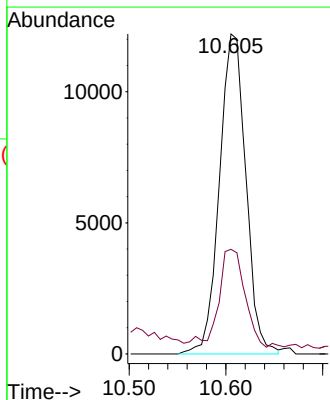
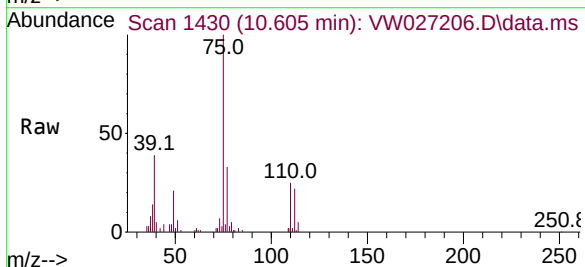
Acq: 03 Oct 2023 17:07

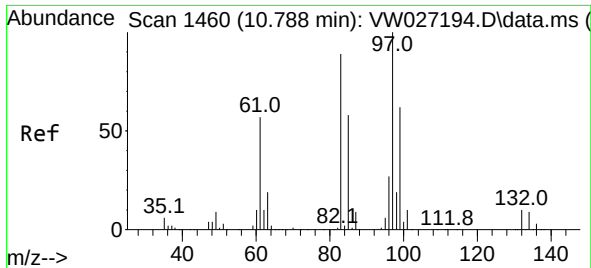
Tgt Ion: 75 Resp: 23146

Ion Ratio Lower Upper

75 100

77 32.7 21.6 40.2

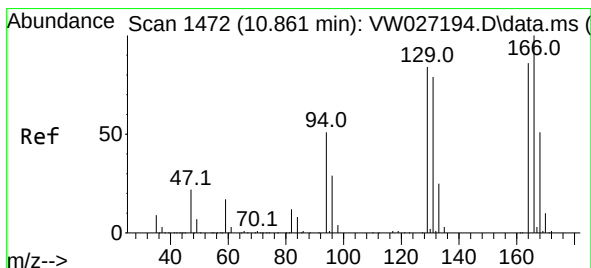
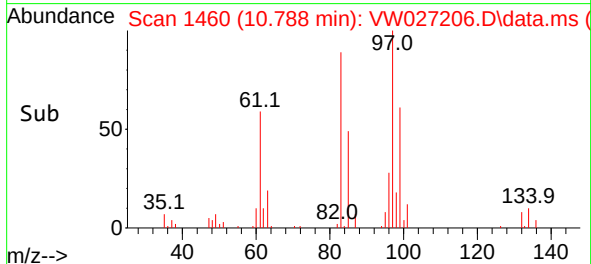
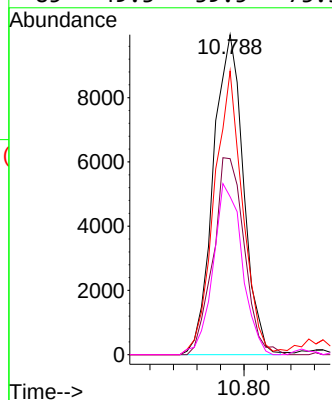
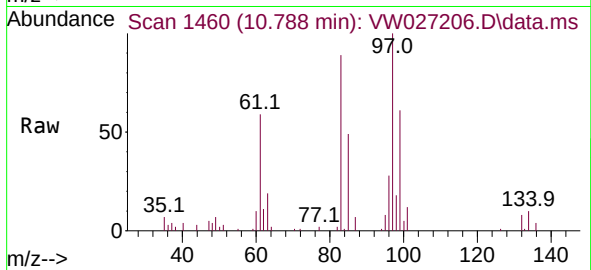




#45
1,1,2-Trichloroethane
Concen: 34.284 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

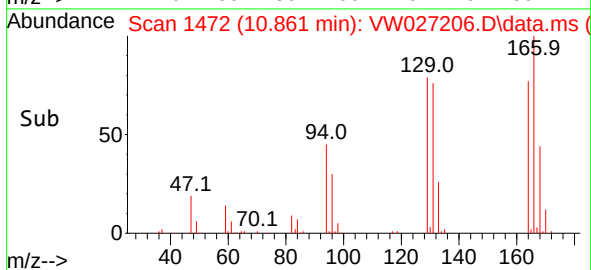
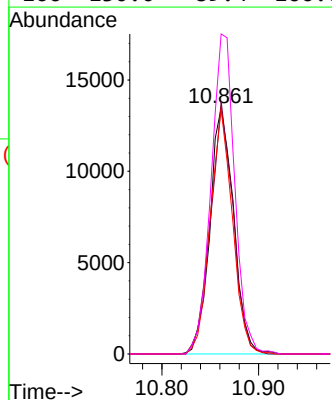
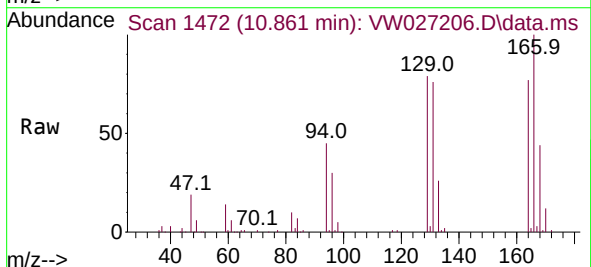
Instrument :
MSVOA_W
ClientSampleId :

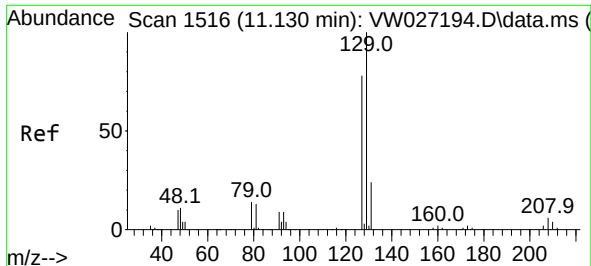
Tgt Ion:	97	Resp:	17737
Ion	Ratio	Lower	Upper
97	100		
99	61.3	45.3	84.1
83	88.7	59.5	110.5
85	49.3	39.5	73.3



#46
Tetrachloroethene
Concen: 40.251 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion:	164	Resp:	22925
Ion	Ratio	Lower	Upper
164	100		
129	102.7	60.3	112.1
131	99.4	66.1	122.7
166	130.0	89.4	166.0





#49

Dibromochloromethane

Concen: 29.987 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

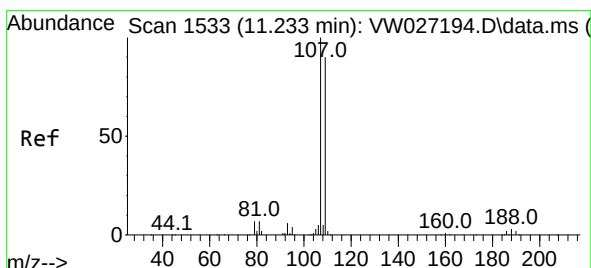
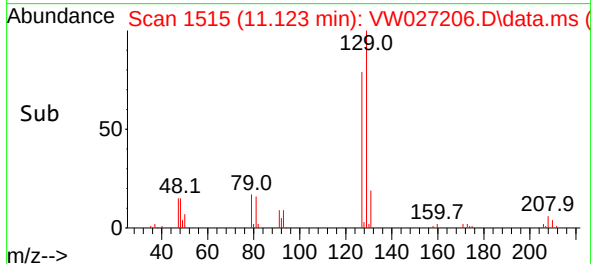
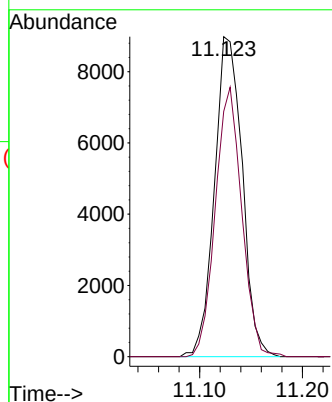
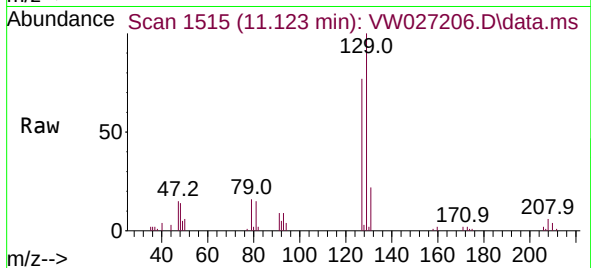
ClientSampleId :

Tgt Ion:129 Resp: 16825

Ion Ratio Lower Upper

129 100

127 76.7 54.2 100.6



#50

1,2-Dibromoethane

Concen: 31.778 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

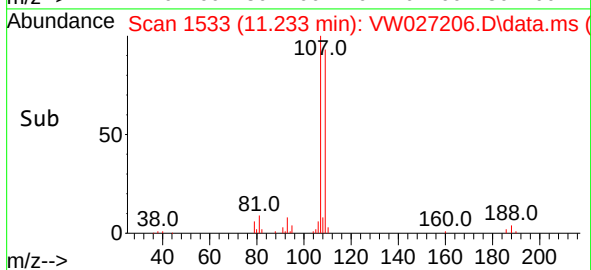
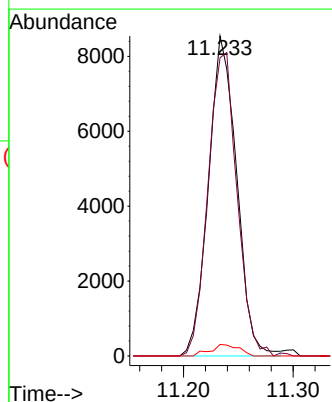
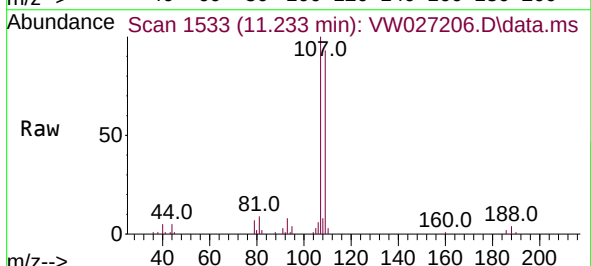
Tgt Ion:107 Resp: 15256

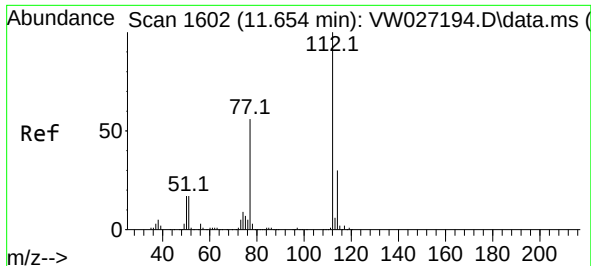
Ion Ratio Lower Upper

107 100

109 93.2 68.2 126.6

188 3.6 2.6 4.0

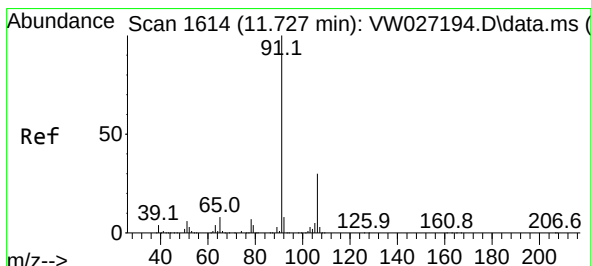
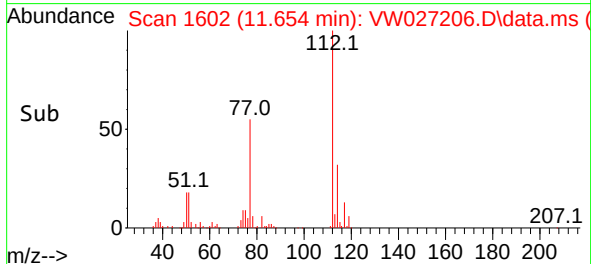
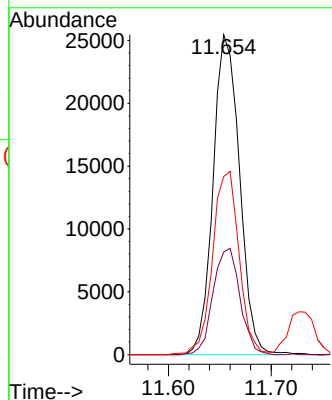
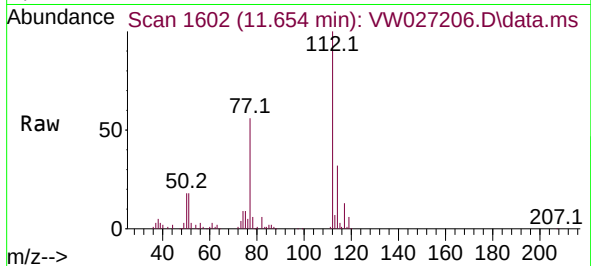




#51
Chlorobenzene
Concen: 24.037 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

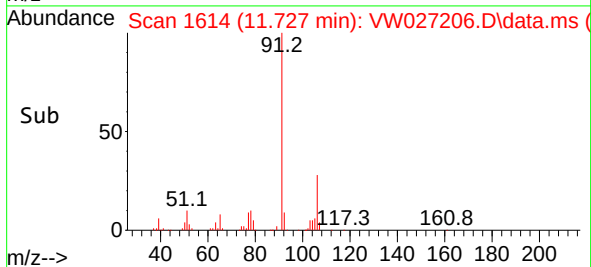
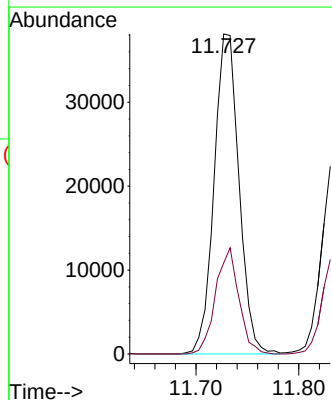
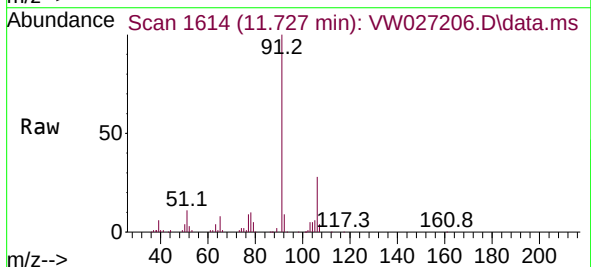
Instrument :
MSVOA_W
ClientSampleId :

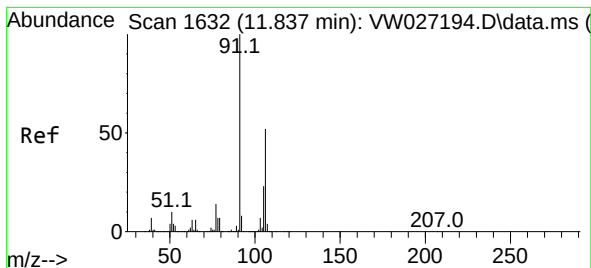
Tgt Ion:112 Resp: 45449
Ion Ratio Lower Upper
112 100
114 32.1 21.9 40.7
77 55.7 47.4 71.0



#52
Ethylbenzene
Concen: 20.055 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion: 91 Resp: 64194
Ion Ratio Lower Upper
91 100
106 28.5 21.8 40.6





#53

m,p-Xylene

Concen: 20.364 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

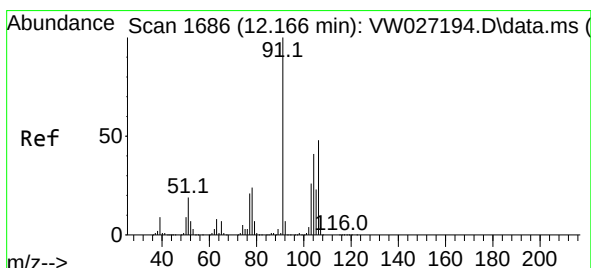
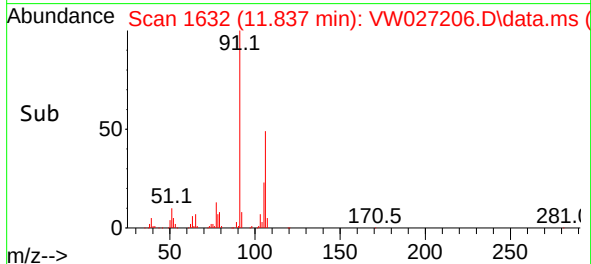
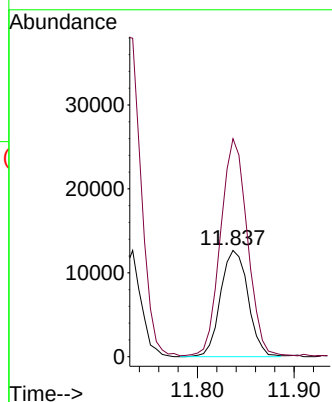
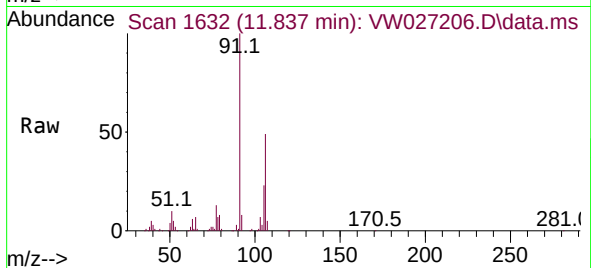
ClientSampleId :

Tgt Ion:106 Resp: 24994

Ion Ratio Lower Upper

106 100

91 205.1 145.9 270.9



#54

o-Xylene

Concen: 21.519 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW027206.D

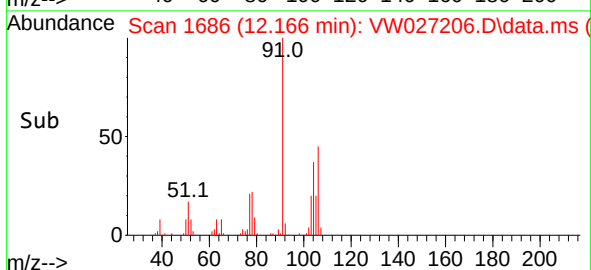
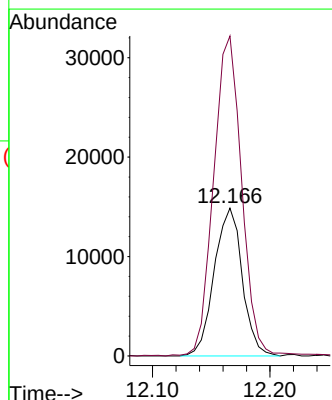
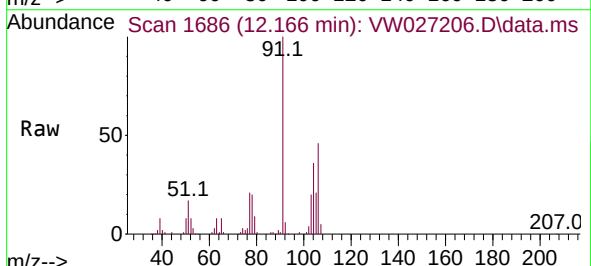
Acq: 03 Oct 2023 17:07

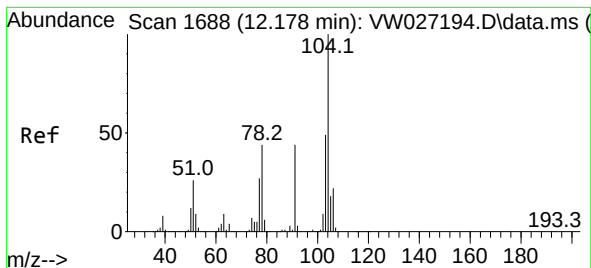
Tgt Ion:106 Resp: 24673

Ion Ratio Lower Upper

106 100

91 216.4 149.5 277.7





#55

Styrene

Concen: 20.524 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

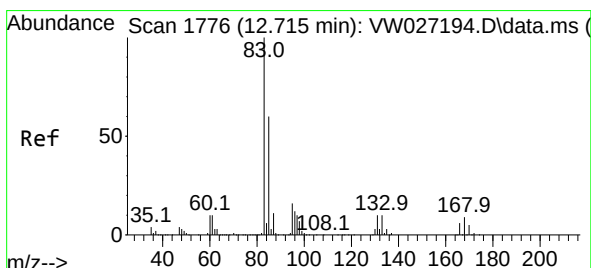
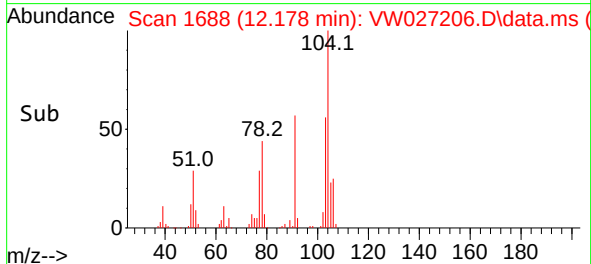
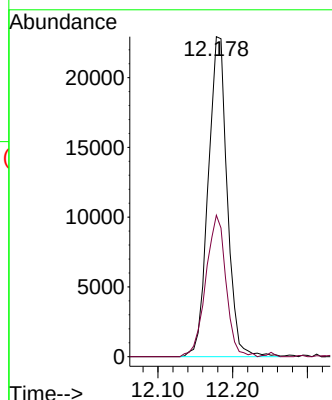
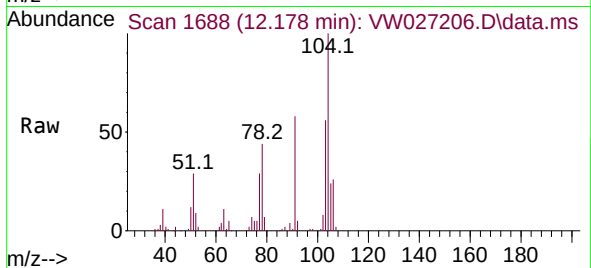
ClientSampleId :

Tgt Ion:104 Resp: 40507

Ion Ratio Lower Upper

104 100

78 44.2 30.1 55.9



#57

1,1,2,2-Tetrachloroethane

Concen: 33.878 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

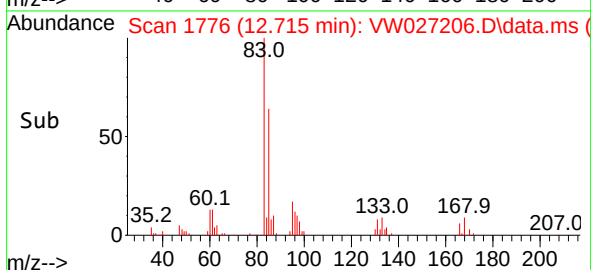
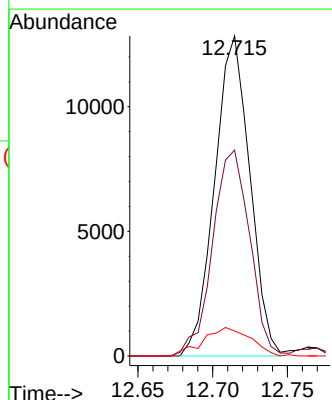
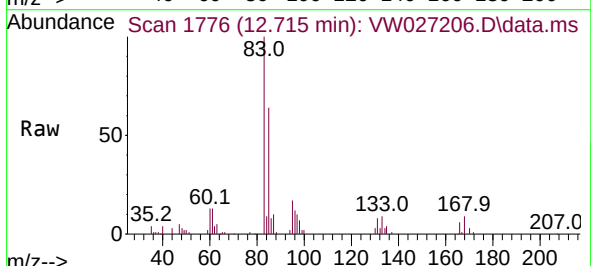
Tgt Ion: 83 Resp: 21023

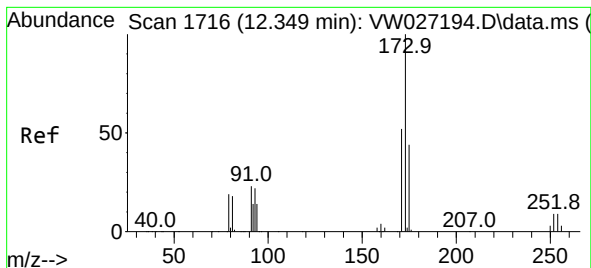
Ion Ratio Lower Upper

83 100

85 64.3 43.5 80.7

131 7.8 7.6 11.4





#59

Bromoform

Concen: 32.099 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027206.D

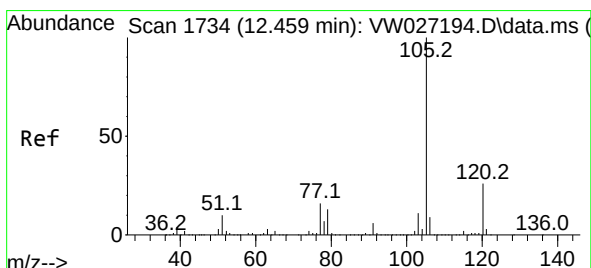
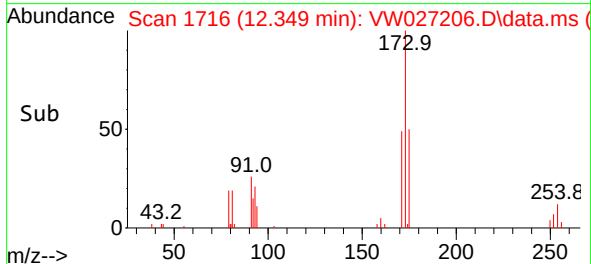
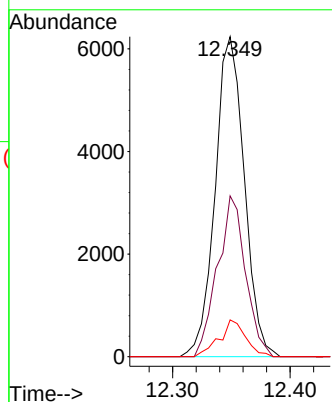
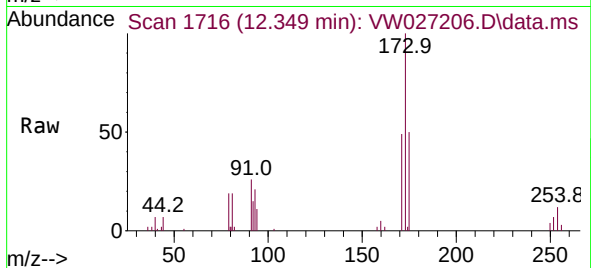
Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	10759
Ion Ratio	Lower	Upper	
173	100		
175	48.3	37.1	55.7
254	10.4	7.2	10.8



#60

Isopropylbenzene

Concen: 20.462 ug/L

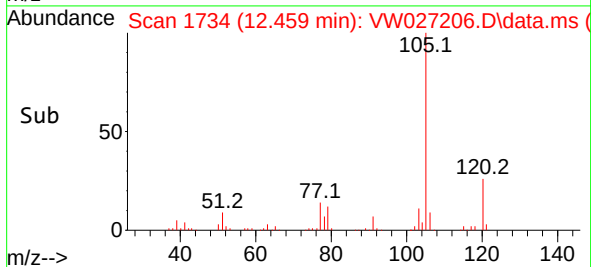
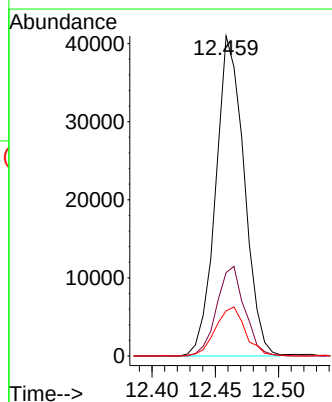
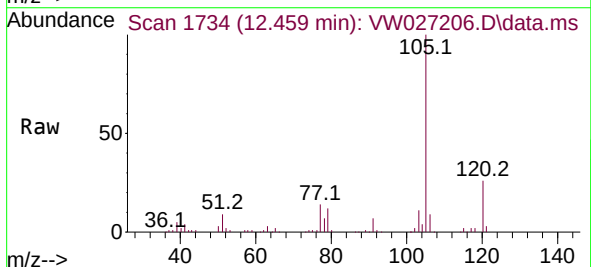
RT: 12.459 min Scan# 1734

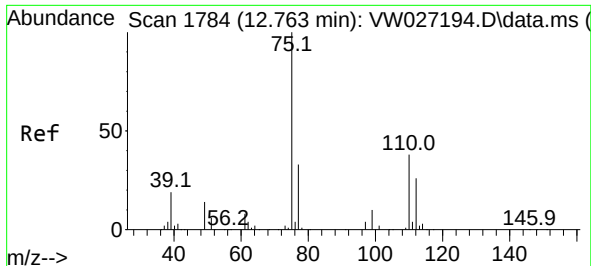
Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Tgt Ion:	105	Resp:	63956
Ion Ratio	Lower	Upper	
105	100		
120	27.4	21.0	31.6
77	16.0	12.5	18.7

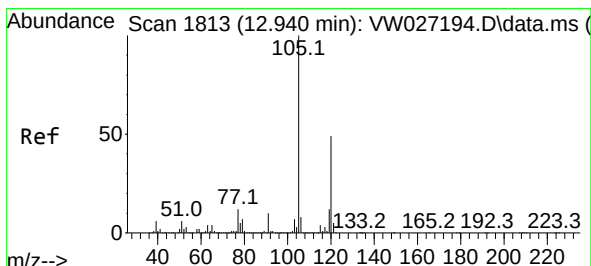
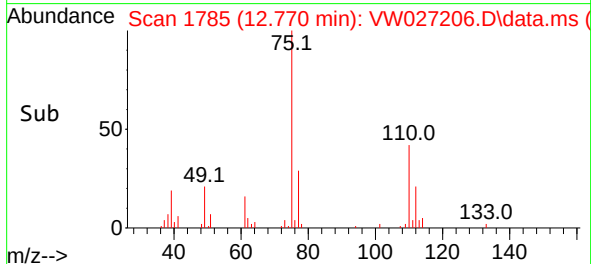
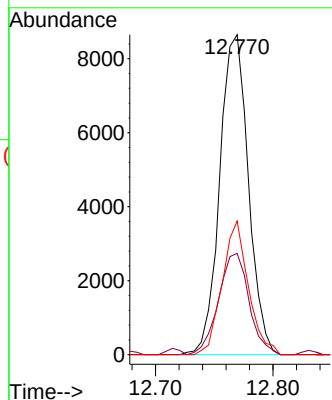
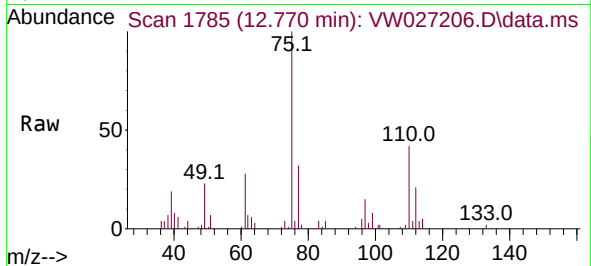




#61
1,2,3-Trichloropropane
Concen: 33.795 ug/L
RT: 12.770 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

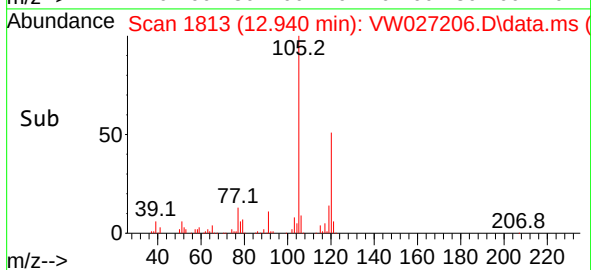
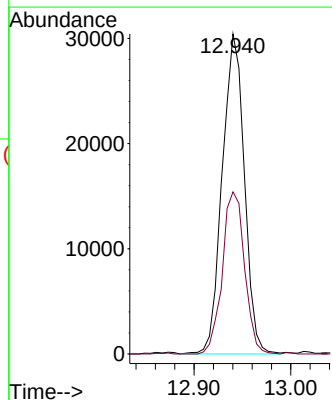
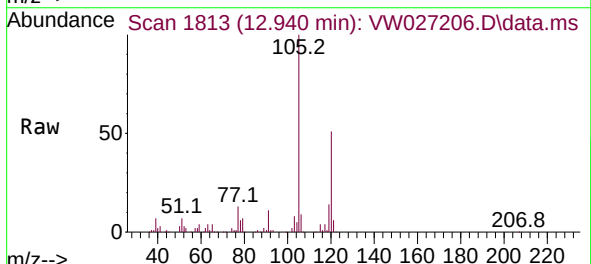
Instrument :
MSVOA_W
ClientSampleId :

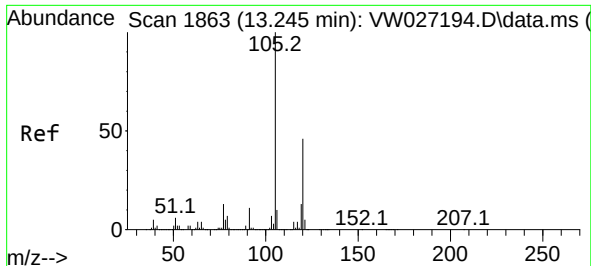
Tgt Ion: 75 Resp: 14686
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
110 38.2 31.2 46.8



#62
1,3,5-Trimethylbenzene
Concen: 19.684 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion: 105 Resp: 48237
Ion Ratio Lower Upper
105 100
120 50.8 40.8 61.2

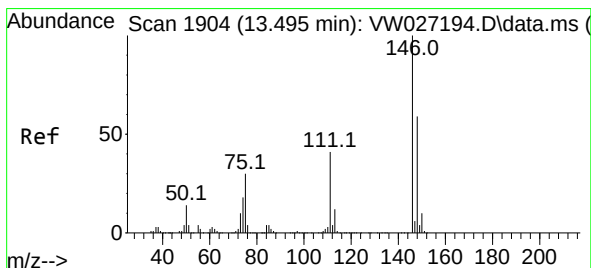
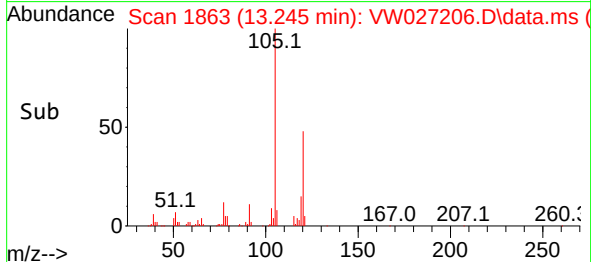
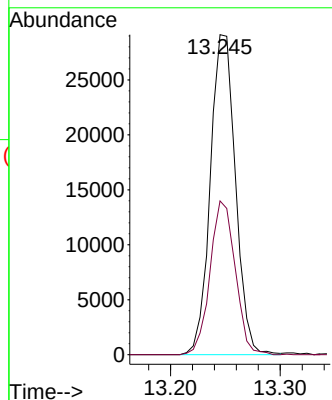
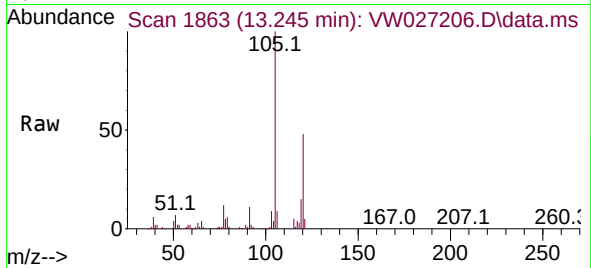




#63
1,2,4-Trimethylbenzene
Concen: 19.358 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

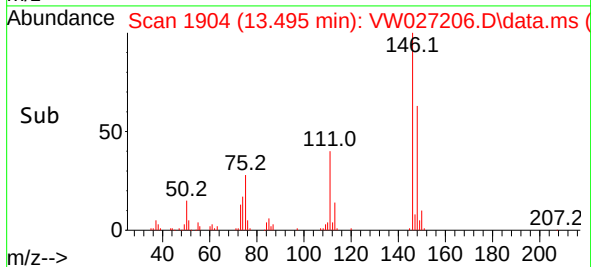
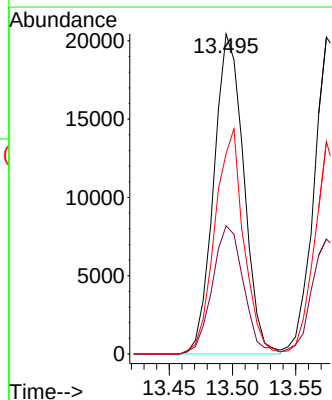
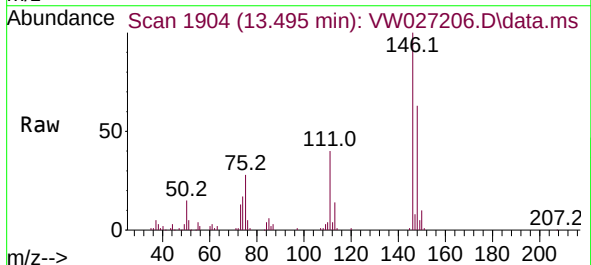
Instrument :
MSVOA_W
ClientSampleId :

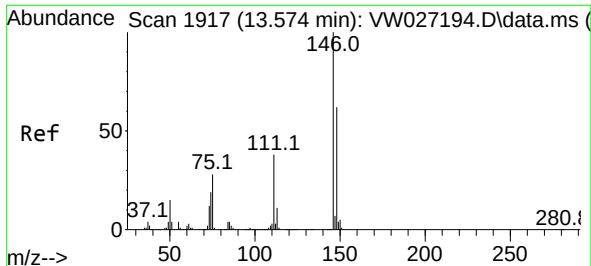
Tgt Ion:105 Resp: 46487
Ion Ratio Lower Upper
105 100
120 48.0 36.8 55.2



#64
1,3-Dichlorobenzene
Concen: 23.256 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion:146 Resp: 33548
Ion Ratio Lower Upper
146 100
111 40.1 26.9 50.1
148 62.7 43.3 80.5

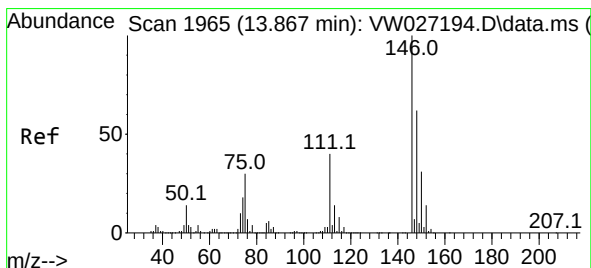
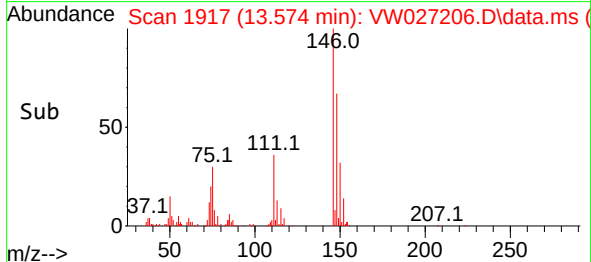
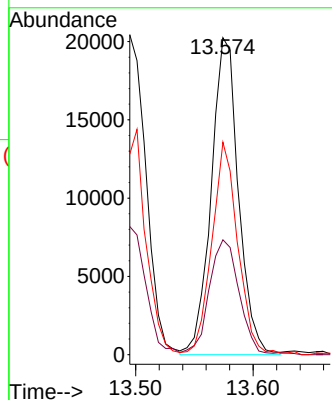
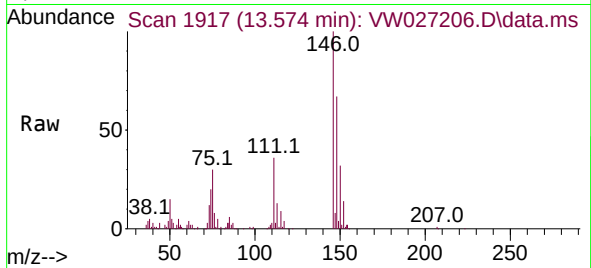




#65
1,4-Dichlorobenzene
Concen: 22.534 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

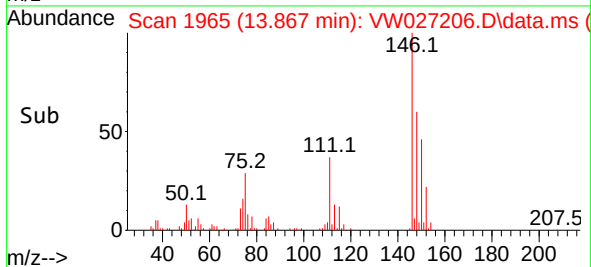
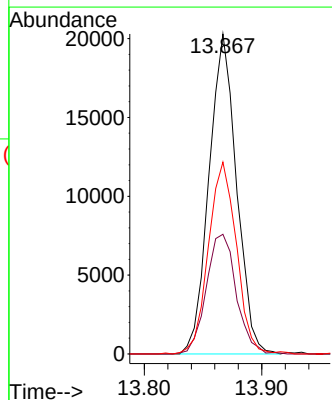
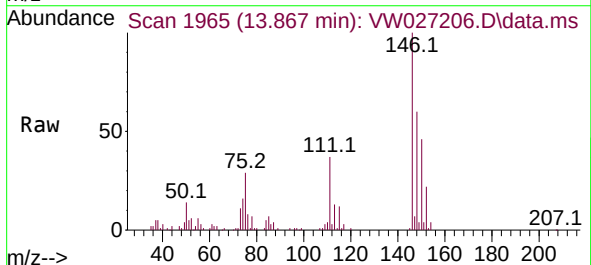
Instrument :
MSVOA_W
ClientSampleId :

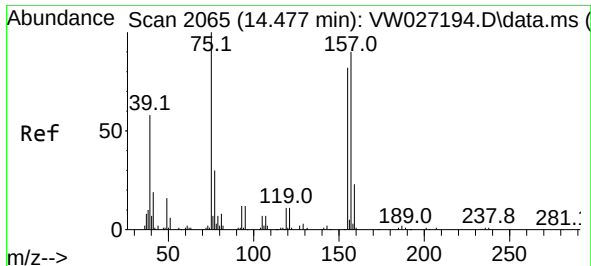
Tgt Ion:146 Resp: 32659
Ion Ratio Lower Upper
146 100
111 36.2 26.9 50.1
148 67.0 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 26.107 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027206.D
Acq: 03 Oct 2023 17:07

Tgt Ion:146 Resp: 33011
Ion Ratio Lower Upper
146 100
111 37.4 35.6 53.4
148 60.0 58.4 87.6





#68

1,2-Dibromo-3-chloropropane

Concen: 24.569 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

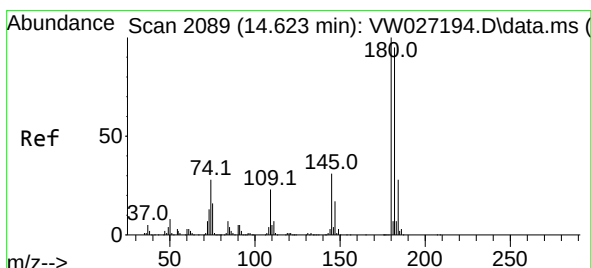
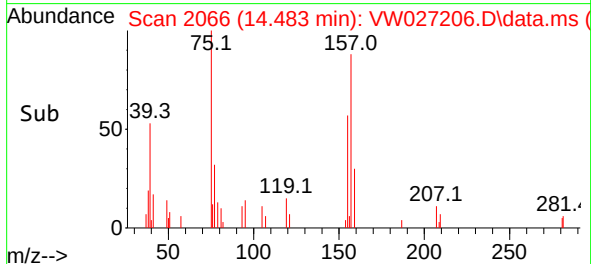
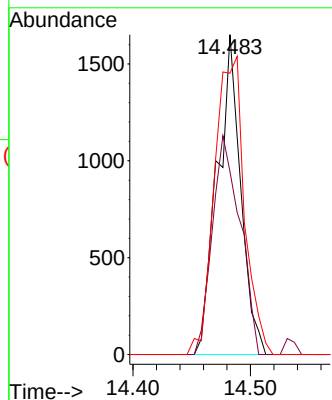
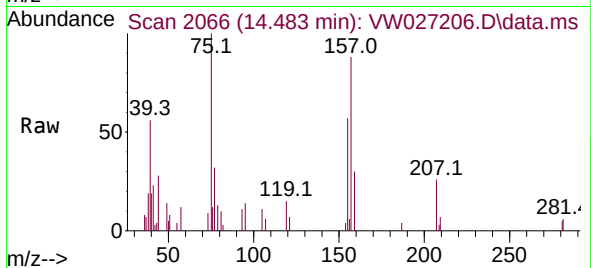
Tgt Ion: 75 Resp: 2287

Ion Ratio Lower Upper

75 100

155 57.2 56.5 84.7

157 87.9 75.9 113.9



#69

1,3,5-Trichlorobenzene

Concen: 24.079 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.006 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

Tgt Ion:180 Resp: 22367

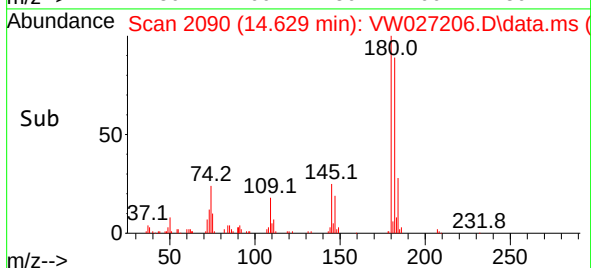
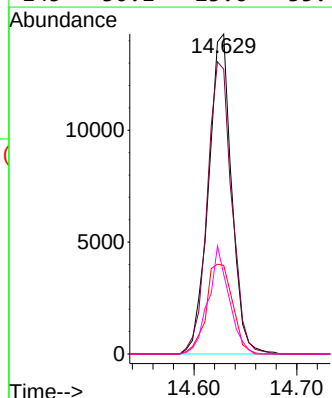
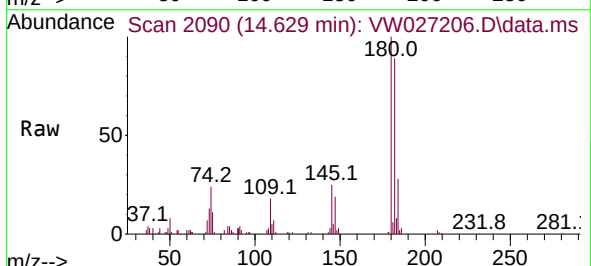
Ion Ratio Lower Upper

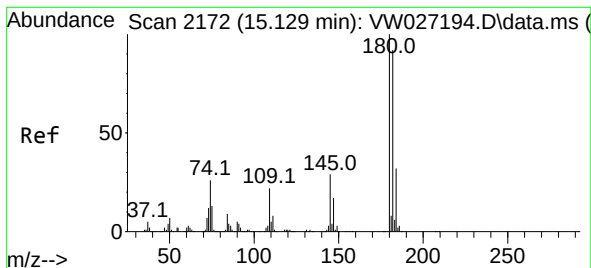
180 100

182 96.1 70.2 105.2

184 31.9 24.6 37.0

145 30.1 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 21.200 ug/L

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW027206.D

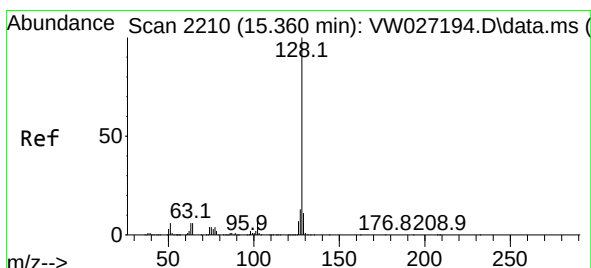
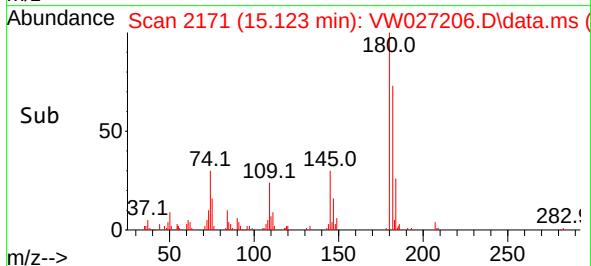
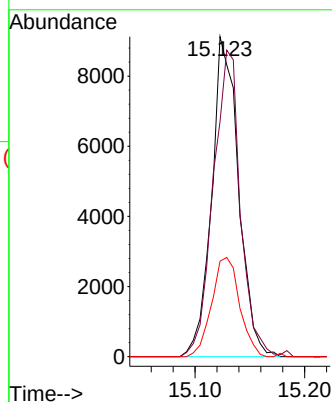
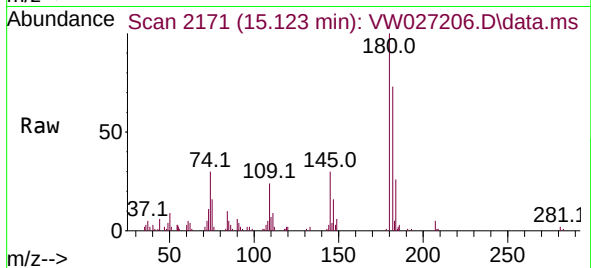
Acq: 03 Oct 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	15537
Ion Ratio	Lower	Upper
180	100	
182	96.9	77.4 116.2
145	32.2	24.3 36.5



#71

Naphthalene

Concen: 14.462 ug/L

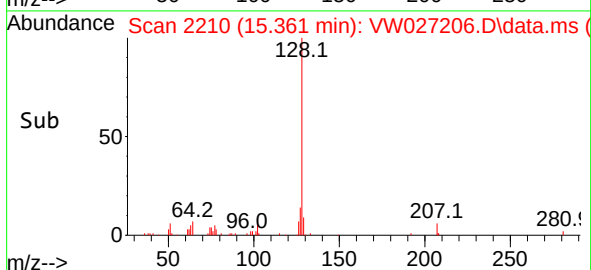
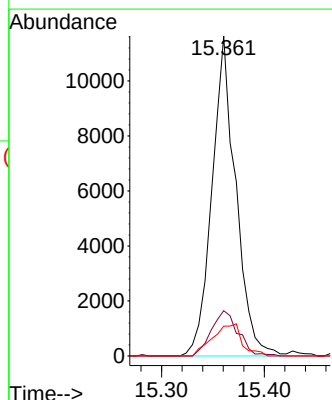
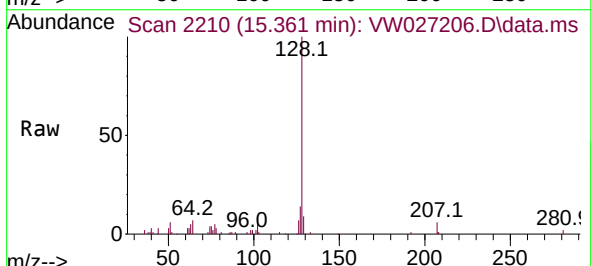
RT: 15.361 min Scan# 2210

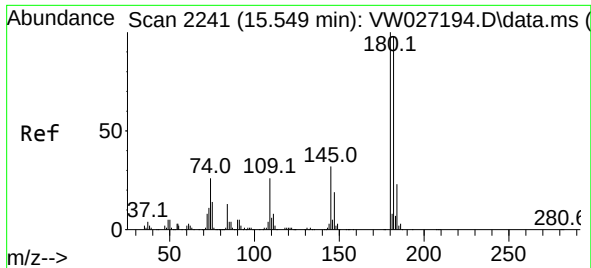
Delta R.T. 0.000 min

Lab File: VW027206.D

Acq: 03 Oct 2023 17:07

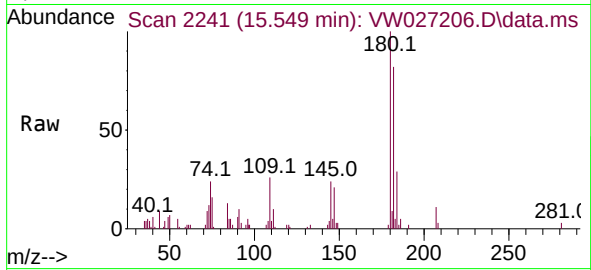
Tgt Ion:128	Resp:	18700
Ion Ratio	Lower	Upper
128	100	
127	15.6	10.4 15.6
129	11.7	8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 18.640 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027206.D
 Acq: 03 Oct 2023 17:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	12126
Ion	Ratio	Lower	Upper
180	100		
182	88.1	74.7	112.1
145	33.1	26.4	39.6

