

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110323\
 Data File : VW027526.D
 Acq On : 03 Nov 2023 08:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 00:12:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 22:07:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317443	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	121177	23.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.899	69	102647	27.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	4.027	65	64280	24.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.000%
21) 2-Butanone-d5	7.081	46	82673	47.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.000%
24) Chloroform-d	7.648	84	284668	27.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.320%
26) 1,2-Dichloroethane-d4	8.307	65	145000	26.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.560%
32) Benzene-d6	8.276	84	570438	26.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	9.276	67	180850	27.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.280%
41) Toluene-d8	10.325	98	489816	25.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	10.581	79	66318	22.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.680%
47) 2-Hexanone-d5	10.922	63	63134	46.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132442	27.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	159664	25.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98778	24.193	ug/L	# 86
3) Chloromethane	2.223	50	114573	24.418	ug/L	97
5) Vinyl chloride	2.375	62	139325	26.583	ug/L	98
6) Bromomethane	2.796	94	72866	24.408	ug/L	93
8) Chloroethane	2.936	64	82605	27.380	ug/L	100
9) Trichlorofluoromethane	3.271	101	126293	34.155	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127144	27.460	ug/L	98
12) 1,1-Dichloroethene	4.045	96	115696	25.712	ug/L	92
13) Acetone	4.137	43	73412	48.830	ug/L	99
14) Carbon disulfide	4.393	76	286827	20.562	ug/L	100
15) Methyl Acetate	4.679	43	62904	24.497	ug/L	97
16) Methylene chloride	4.923	84	131533	20.940	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	121531	25.131	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	219355	26.291	ug/L	99
19) 1,1-Dichloroethane	6.222	63	271658	27.533	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	144282	26.419	ug/L	97
22) 2-Butanone	7.179	43	96351	42.817	ug/L	99
23) Bromochloromethane	7.520	128	59434	26.360	ug/L	96
25) Chloroform	7.679	83	266410	28.850	ug/L	97

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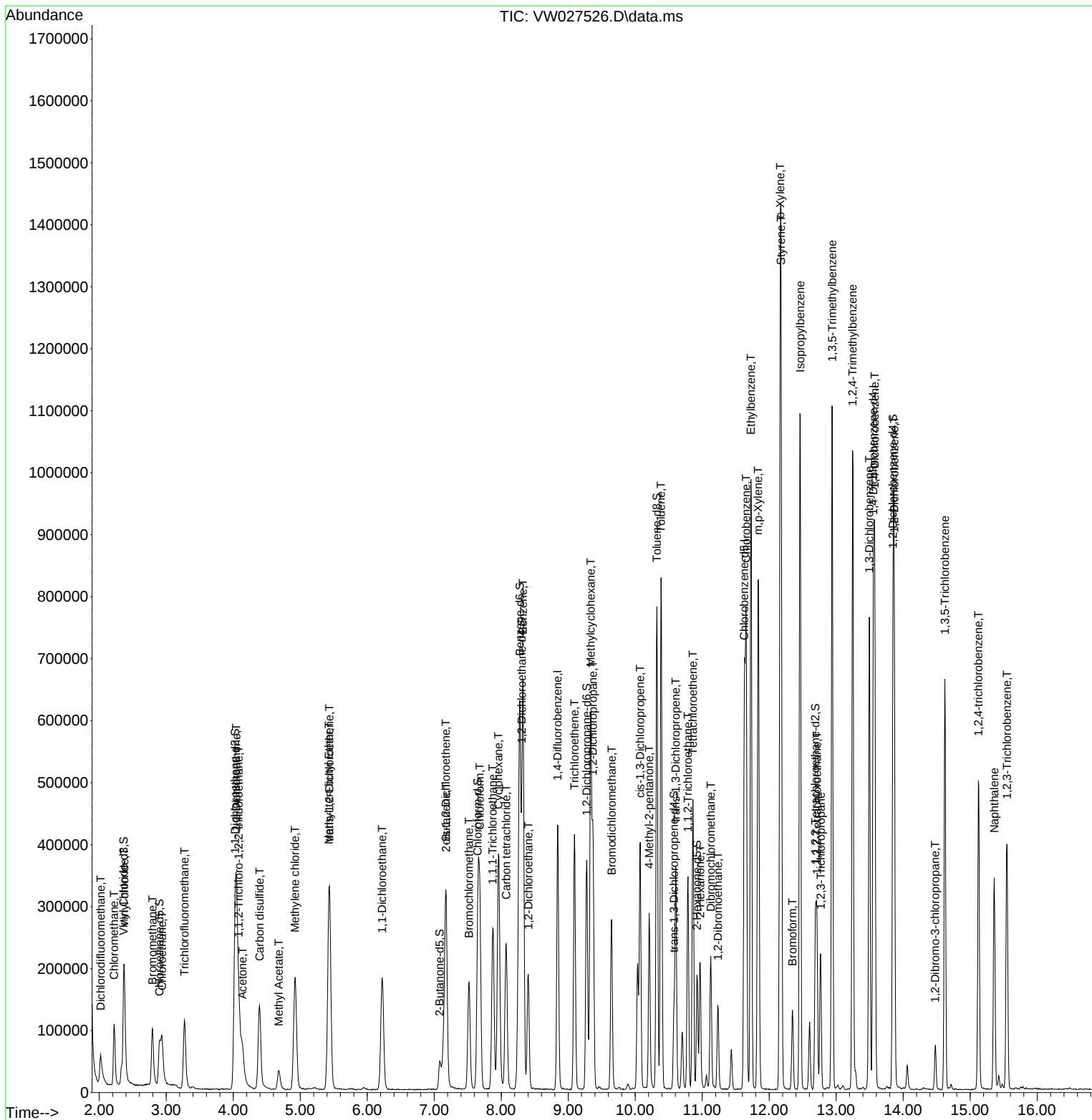
Instrument :
 MSVOA_W
 ClientSampleId :

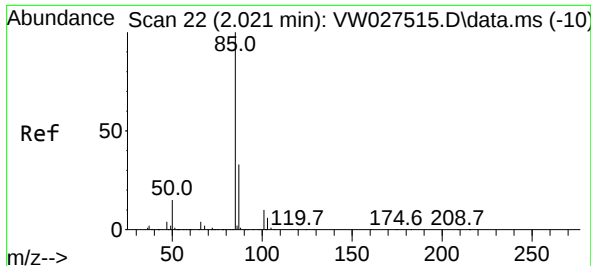
Quant Time: Nov 04 00:12:32 2023
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 22:07:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	166583	26.556	ug/L	99
29) Cyclohexane	7.959	56	229522	23.813	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	212632	27.460	ug/L	98
31) Carbon tetrachloride	8.075	117	180671	25.876	ug/L	97
33) Benzene	8.325	78	555463	26.774	ug/L	100
34) Trichloroethene	9.093	95	143759	26.233	ug/L	97
35) Methylcyclohexane	9.337	83	236727	24.156	ug/L	99
37) 1,2-Dichloropropane	9.368	63	157188	28.022	ug/L	99
38) Bromodichloromethane	9.648	83	185858	26.945	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	231855	25.022	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194670	50.463	ug/L	98
42) Toluene	10.386	91	587412	26.991	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	189823	24.278	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	103733	26.873	ug/L	95
46) Tetrachloroethene	10.861	164	98554	26.045	ug/L	94
48) 2-Hexanone	10.971	43	141485	49.552	ug/L	98
49) Dibromochloromethane	11.129	129	108743	25.366	ug/L	95
50) 1,2-Dibromoethane	11.233	107	92217	24.640	ug/L #	97
51) Chlorobenzene	11.654	112	367622	26.975	ug/L	97
52) Ethylbenzene	11.727	91	689752	27.273	ug/L	98
53) m,p-Xylene	11.837	106	251933	26.264	ug/L	97
54) o-Xylene	12.166	106	244454	26.613	ug/L	98
55) Styrene	12.178	104	421521	26.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	129448	27.471	ug/L	95
59) Bromoform	12.349	173	55022	21.224	ug/L	98
60) Isopropylbenzene	12.465	105	693059	25.323	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	93003	24.448	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	563630	24.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	550292	24.636	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	287914	25.942	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	281740	25.419	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	247833	25.165	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18891	19.870	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	190146	26.392	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	147699	24.086	ug/L	98
71) Naphthalene	15.360	128	286352	22.707	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	129942	25.769	ug/L	90

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

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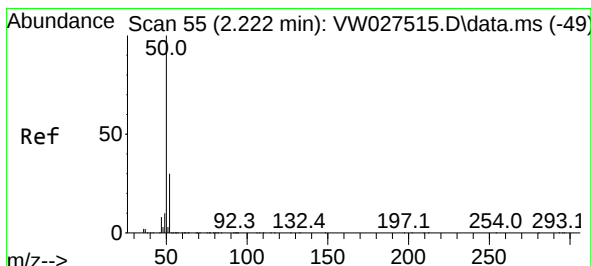
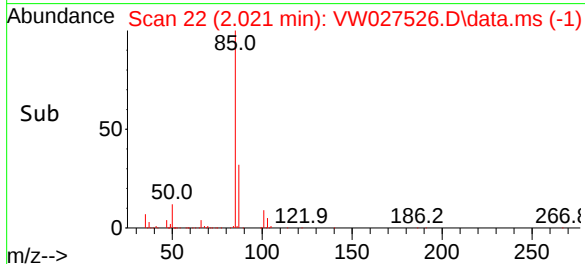
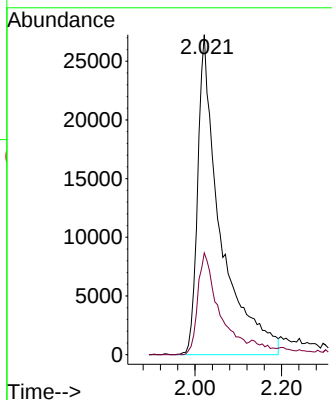
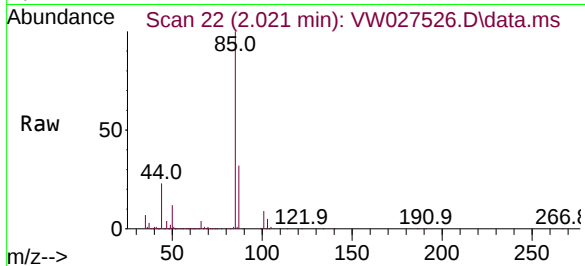




#2
Dichlorodifluoromethane
Concen: 24.193 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

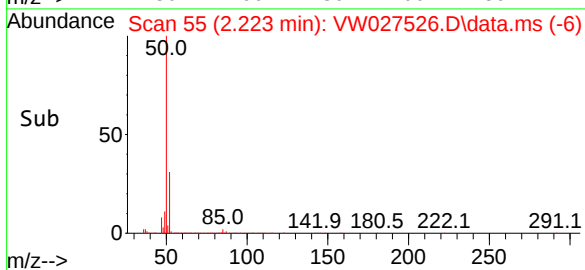
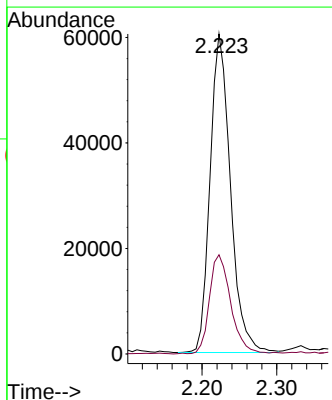
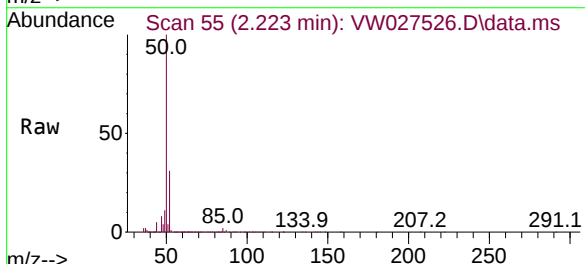
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MSVOA_W
ClientSampleId :

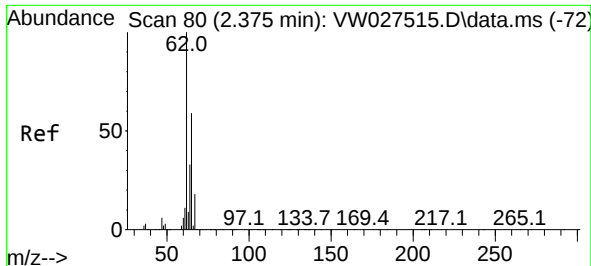
Tgt Ion: 85 Resp: 98778
Ion Ratio Lower Upper
85 100
87 29.7 18.3 27.5#



#3
Chloromethane
Concen: 24.418 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 50 Resp: 114573
Ion Ratio Lower Upper
50 100
52 31.0 22.7 42.3

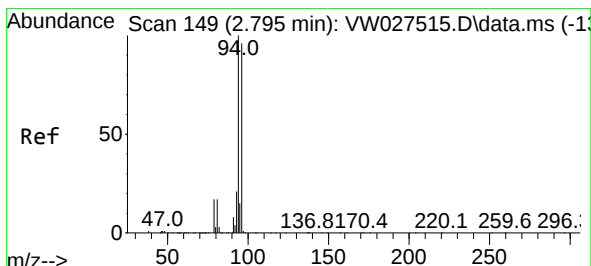
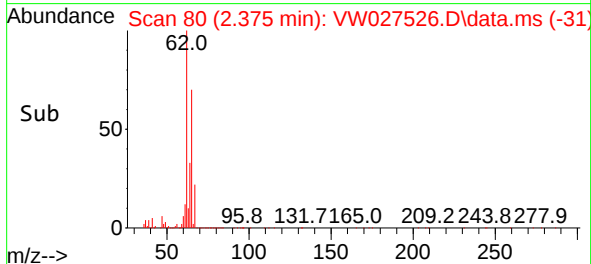
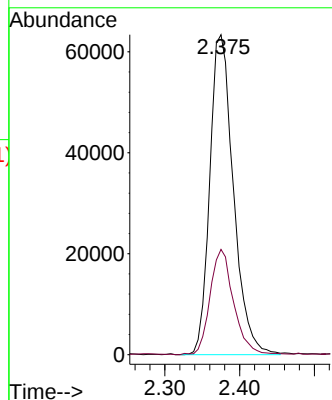
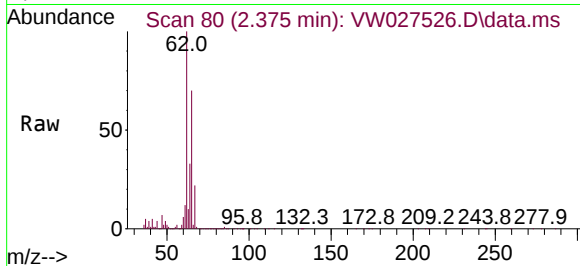




#5
 Vinyl chloride
 Concen: 26.583 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027526.D
 Acq: 03 Nov 2023 08:50

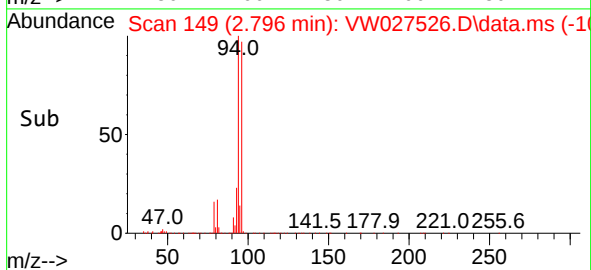
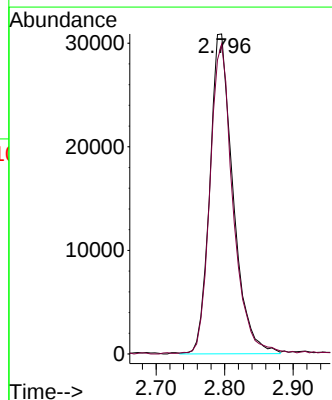
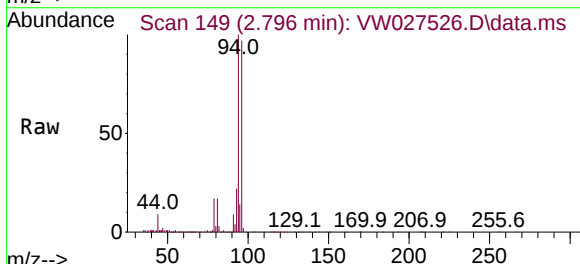
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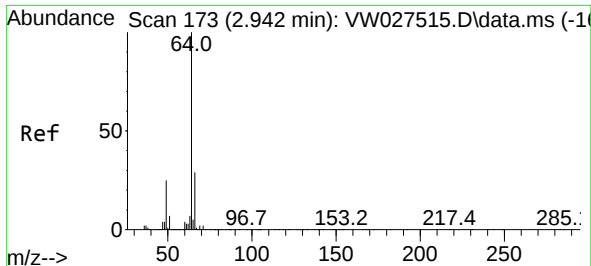
Tgt Ion: 62 Resp: 139325
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#6
 Bromomethane
 Concen: 24.408 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027526.D
 Acq: 03 Nov 2023 08:50

Tgt Ion: 94 Resp: 72866
 Ion Ratio Lower Upper
 94 100
 96 96.8 62.9 116.9

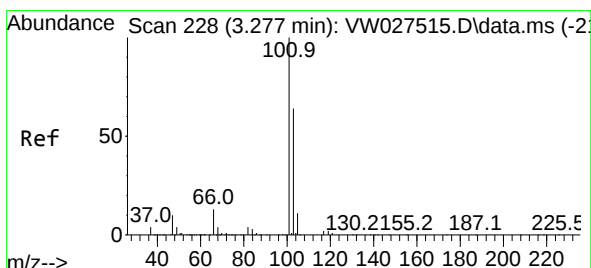
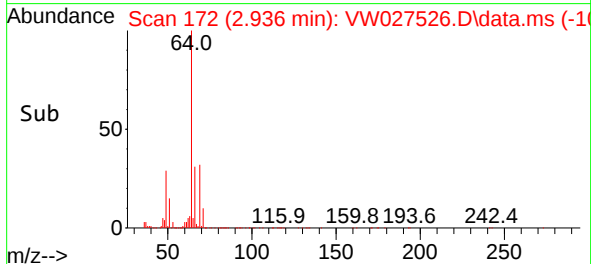
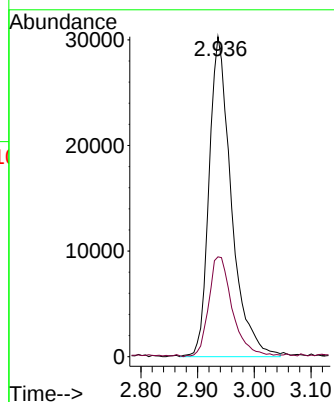
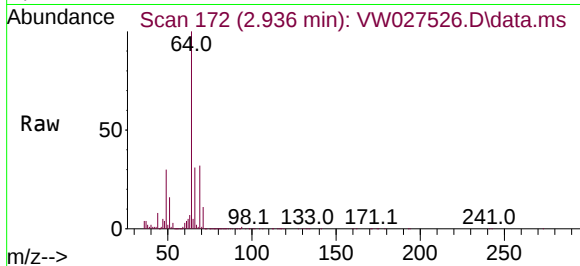




#8
Chloroethane
Concen: 27.380 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

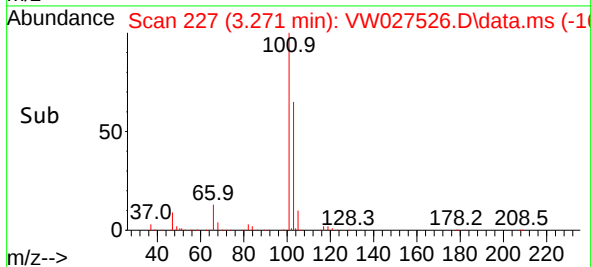
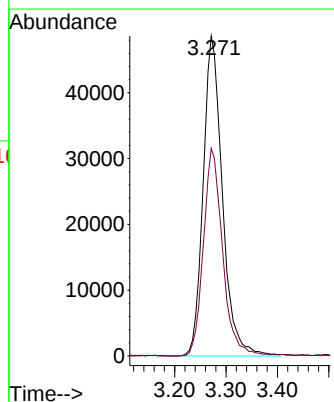
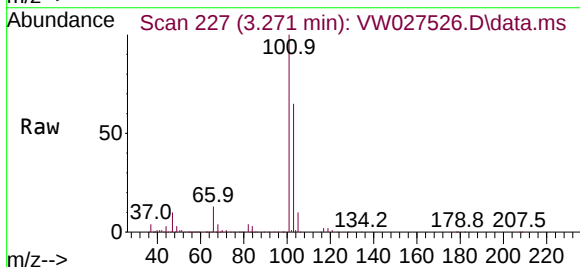
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ClientSampleId :

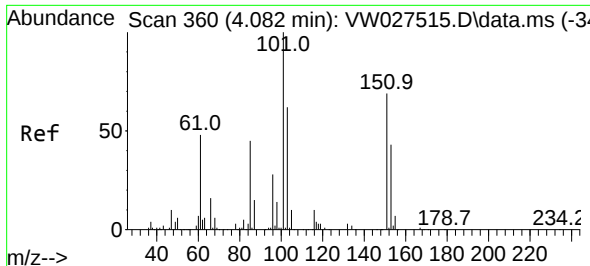
Tgt Ion: 64 Resp: 82605
Ion Ratio Lower Upper
64 100
66 31.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 34.155 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 101 Resp: 126293
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

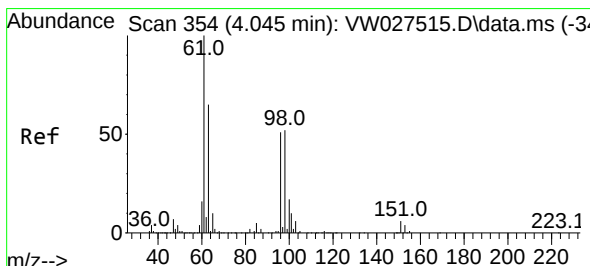
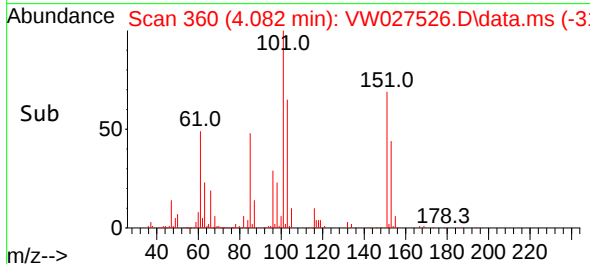
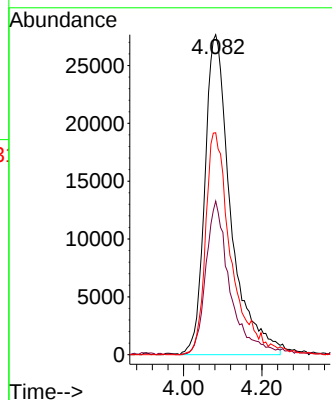
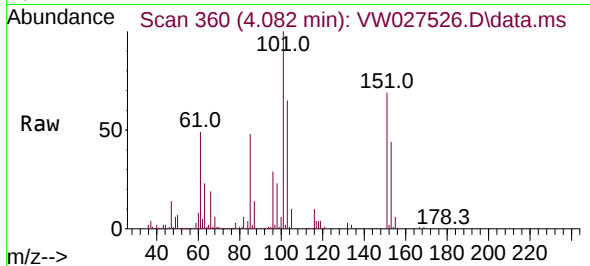




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.460 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW027526.D
 Acq: 03 Nov 2023 08:50

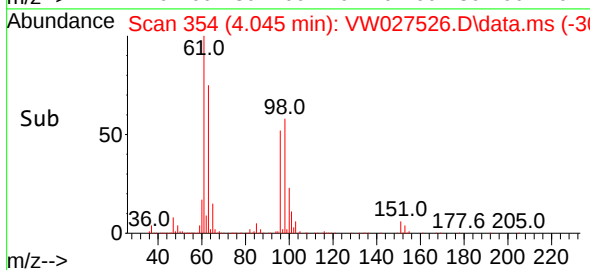
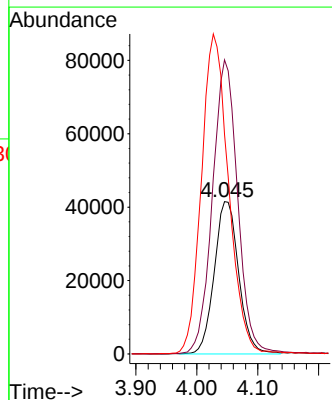
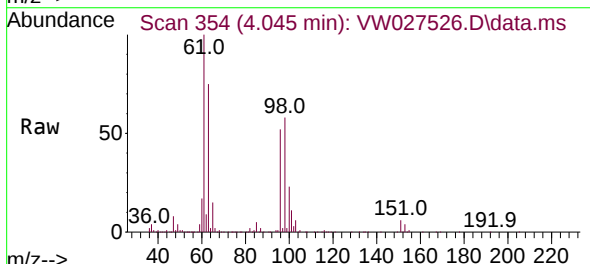
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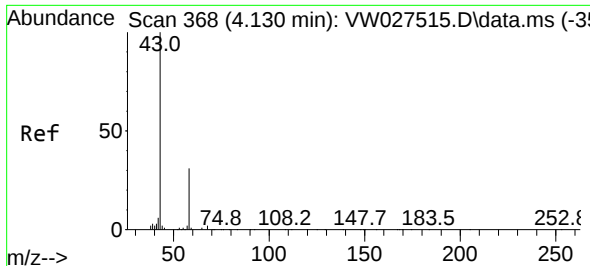
Tgt Ion:101 Resp: 127144
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 63.3 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 25.712 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027526.D
 Acq: 03 Nov 2023 08:50

Tgt Ion: 96 Resp: 115696
 Ion Ratio Lower Upper
 96 100
 61 193.0 133.3 247.5
 63 144.1 115.8 215.2

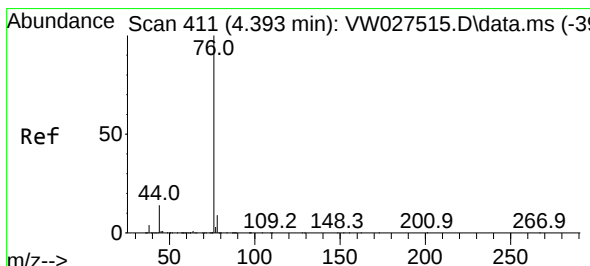
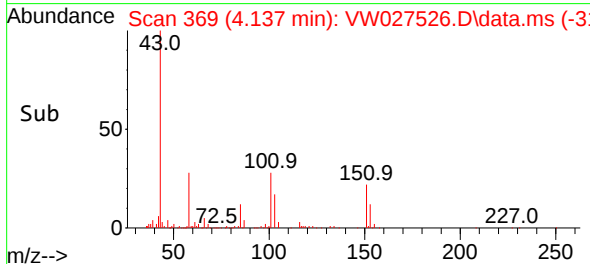
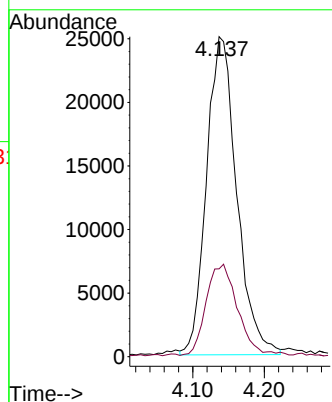
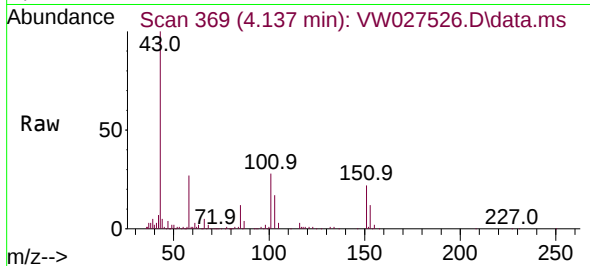




#13
Acetone
Concen: 48.830 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

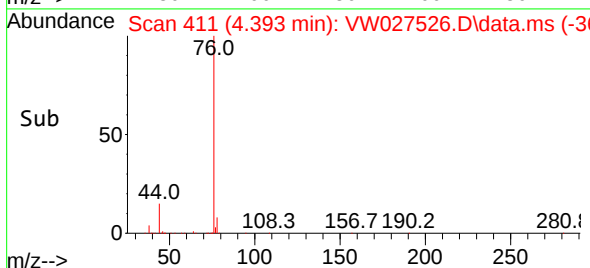
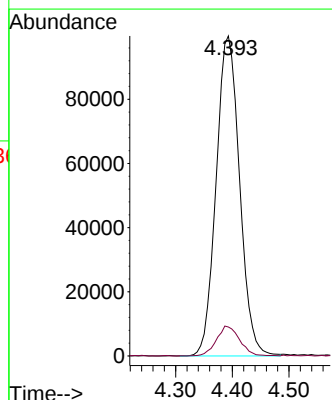
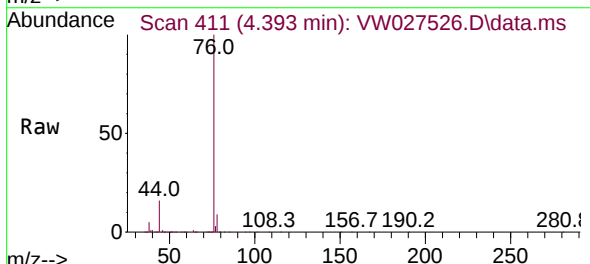
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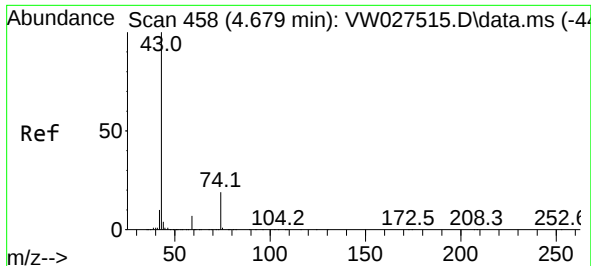
Tgt Ion: 43 Resp: 73412
Ion Ratio Lower Upper
43 100
58 29.6 0.0 60.8



#14
Carbon disulfide
Concen: 20.562 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 76 Resp: 286827
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

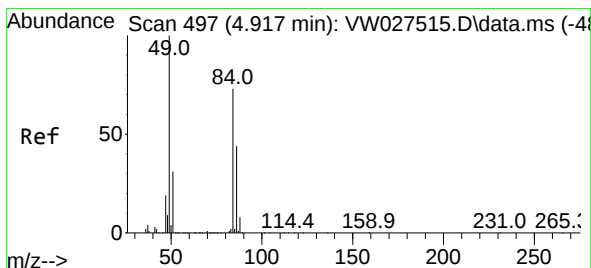
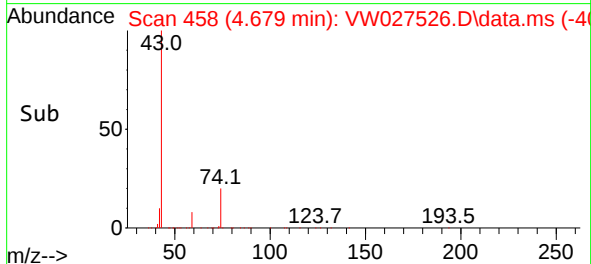
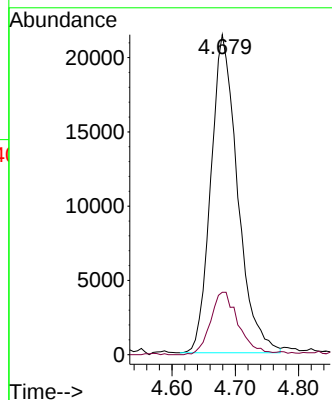
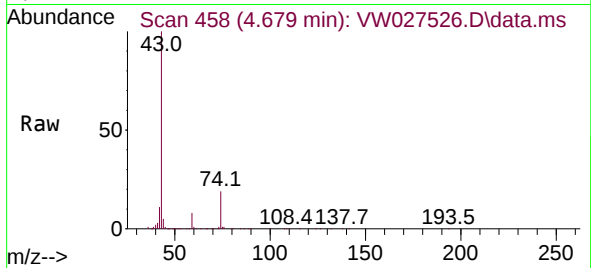




#15
Methyl Acetate
Concen: 24.497 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

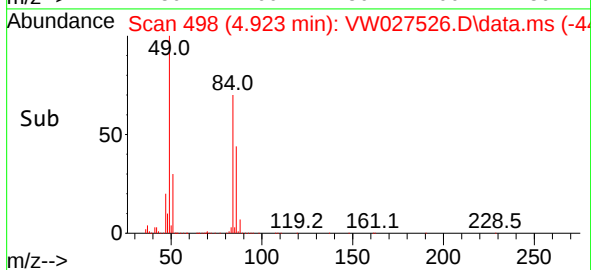
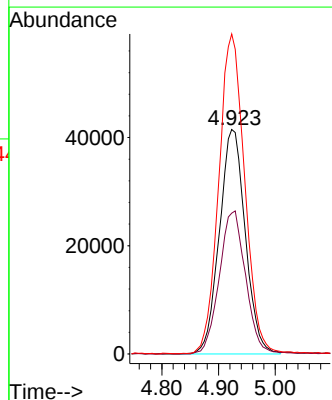
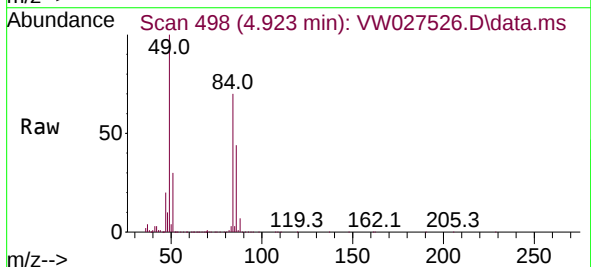
Instrument :
MSVOA_W
ClientSampleId :

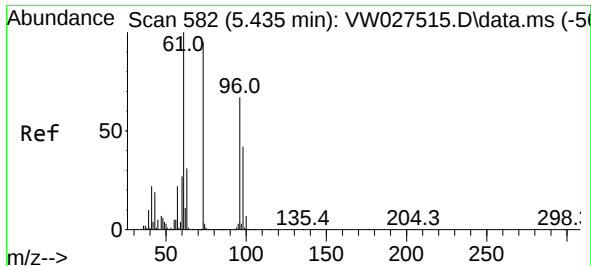
Tgt Ion: 43 Resp: 62904
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3



#16
Methylene chloride
Concen: 20.940 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

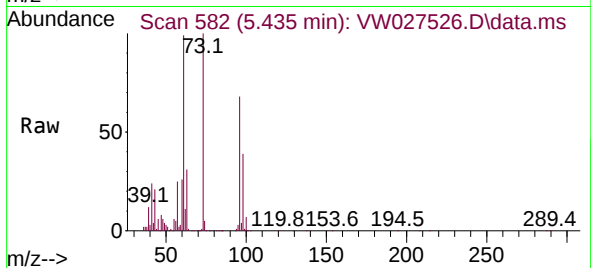
Tgt Ion: 84 Resp: 131533
Ion Ratio Lower Upper
84 100
86 62.7 41.3 76.7
49 142.5 92.8 172.4



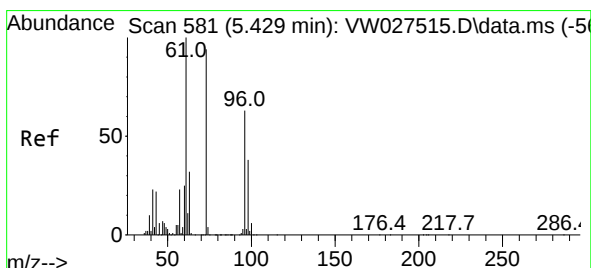
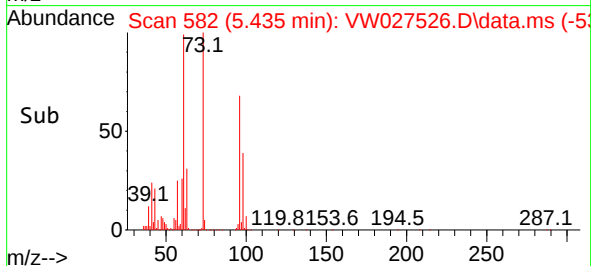
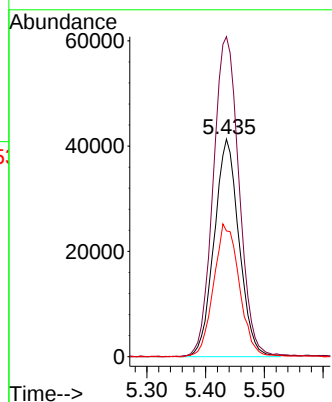


#17
trans-1,2-Dichloroethene
Concen: 25.131 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

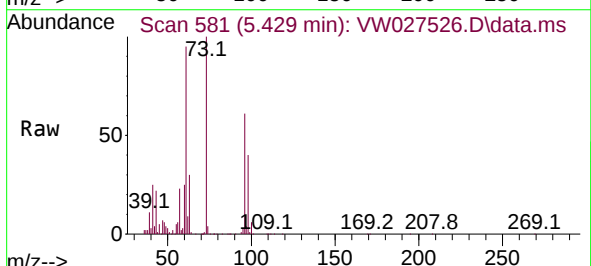
Instrument :
MSVOA_W
ClientSampleId :



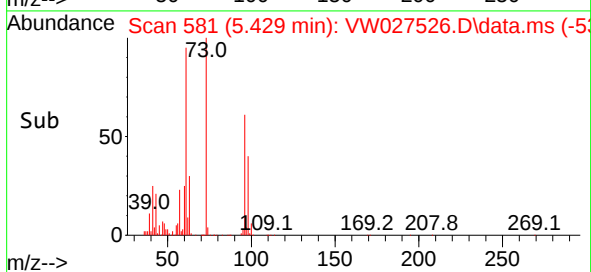
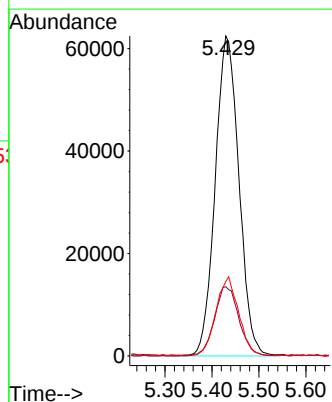
Tgt Ion: 96 Resp: 121531
Ion Ratio Lower Upper
96 100
61 147.1 105.6 196.0
98 57.8 45.0 83.6

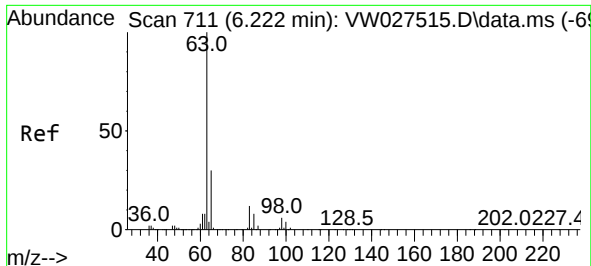


#18
Methyl tert-butyl Ether
Concen: 26.291 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50



Tgt Ion: 73 Resp: 219355
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 23.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 27.533 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

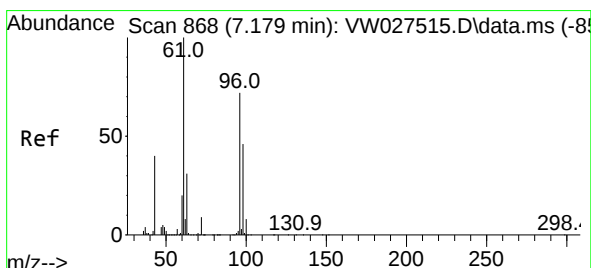
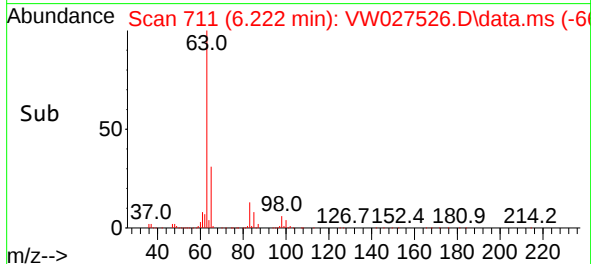
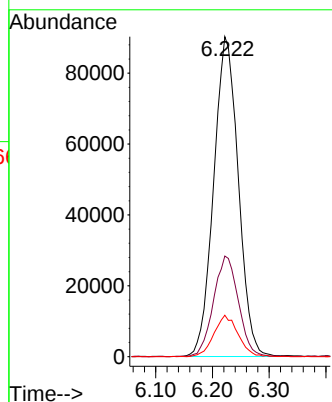
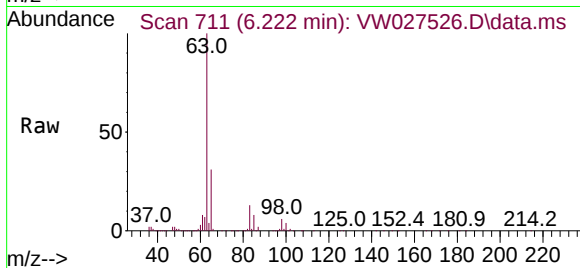
Tgt Ion: 63 Resp: 271658

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.419 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

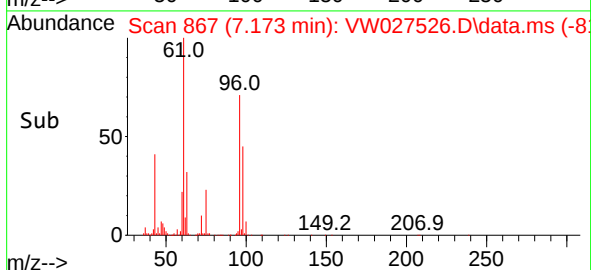
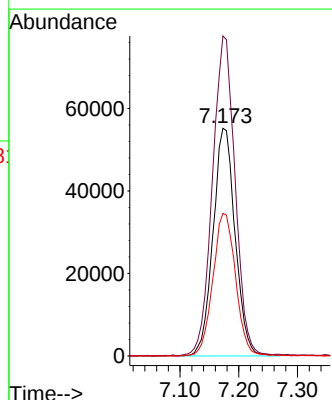
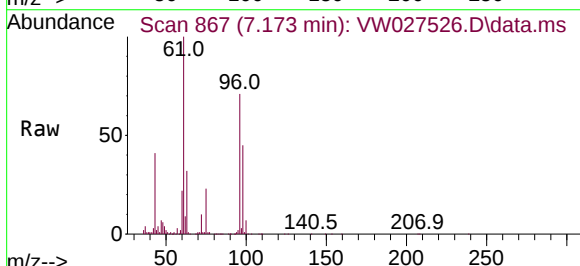
Tgt Ion: 96 Resp: 144282

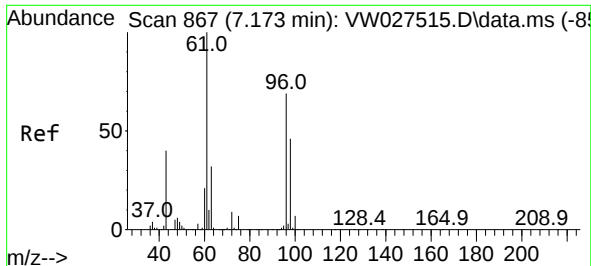
Ion Ratio Lower Upper

96 100

61 140.5 96.2 178.8

98 62.6 46.0 85.4

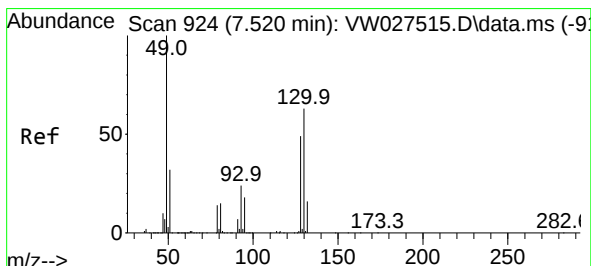
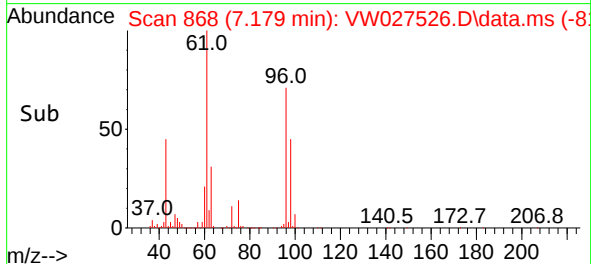
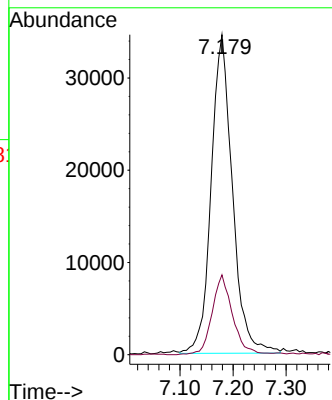
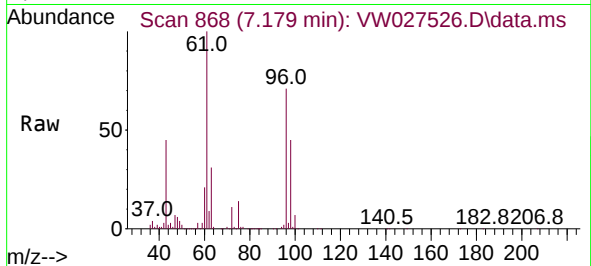




#22
2-Butanone
Concen: 42.817 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

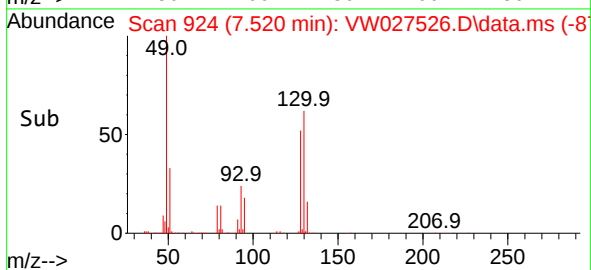
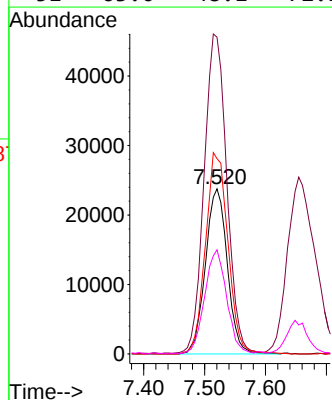
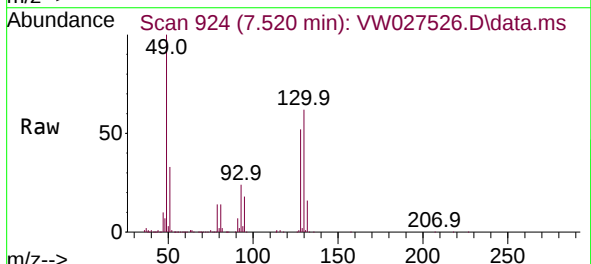
Instrument :
MSVOA_W
ClientSampleId :

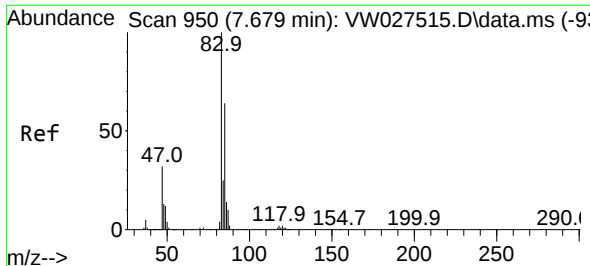
Tgt Ion: 43 Resp: 96351
Ion Ratio Lower Upper
43 100
72 24.2 12.3 36.8



#23
Bromochloromethane
Concen: 26.360 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 128 Resp: 59434
Ion Ratio Lower Upper
128 100
49 191.9 128.9 239.5
130 118.3 85.0 157.8
51 63.0 48.1 72.1

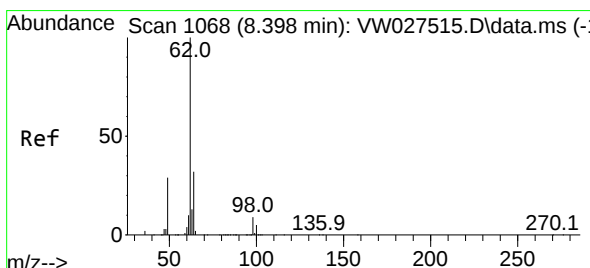
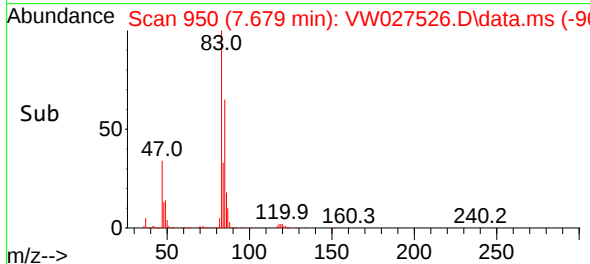
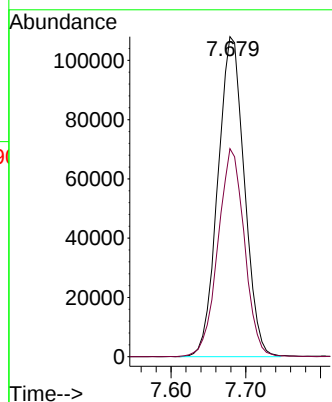
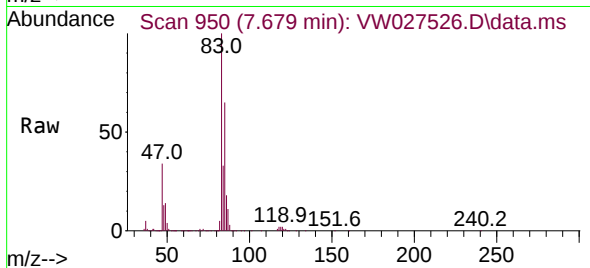




#25
Chloroform
Concen: 28.850 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

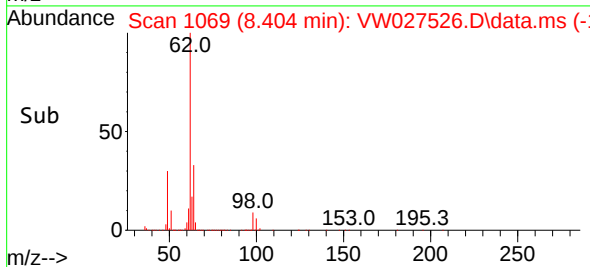
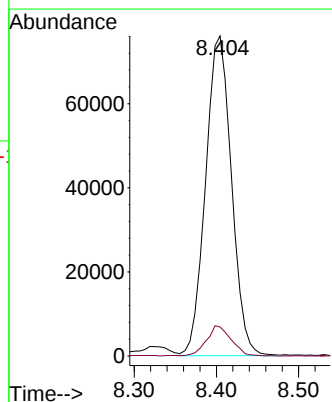
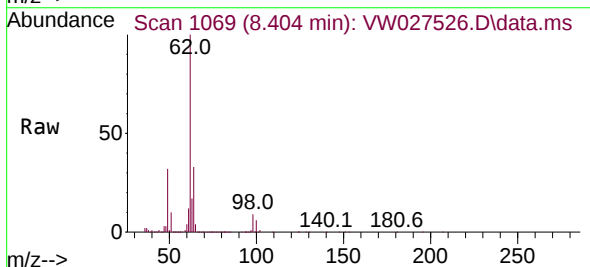
Instrument :
MSVOA_W
ClientSampleId :

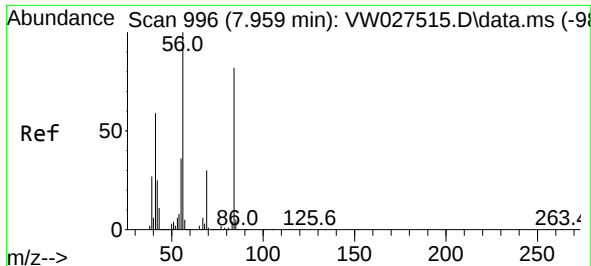
Tgt Ion: 83 Resp: 266410
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.556 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 62 Resp: 166583
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3

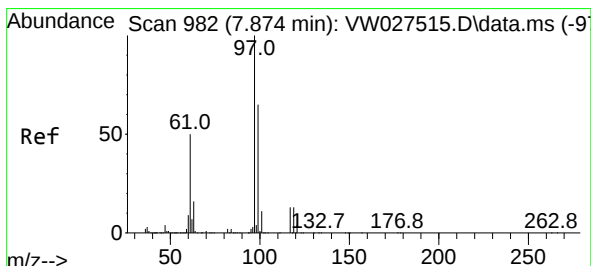
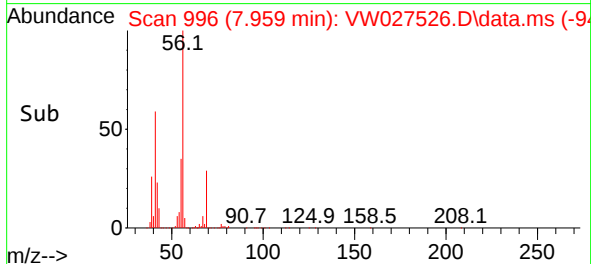
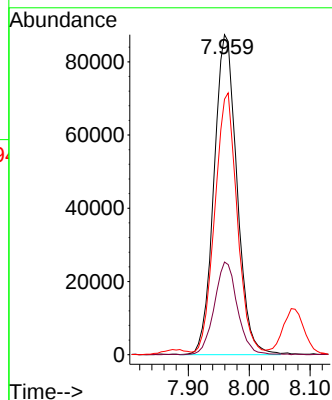
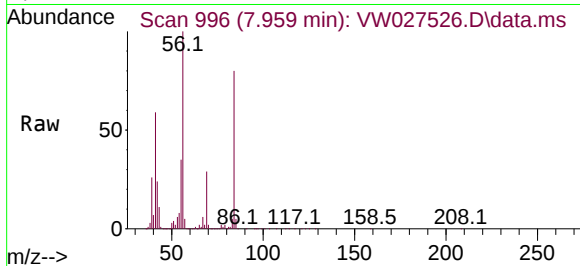




#29
Cyclohexane
Concen: 23.813 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

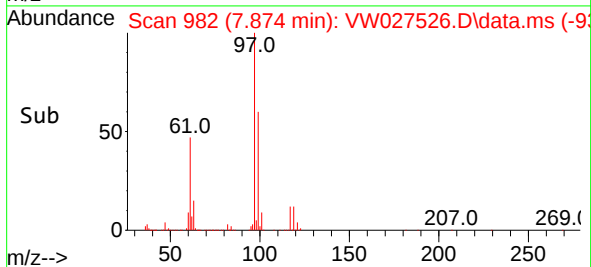
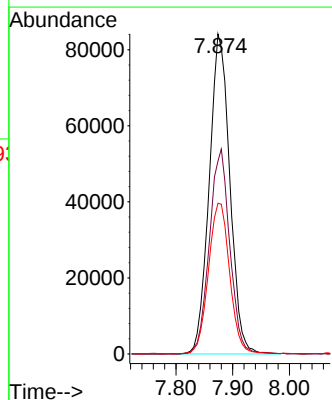
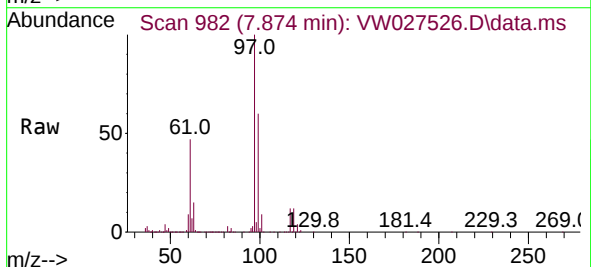
Instrument :
MSVOA_W
ClientSampleId :

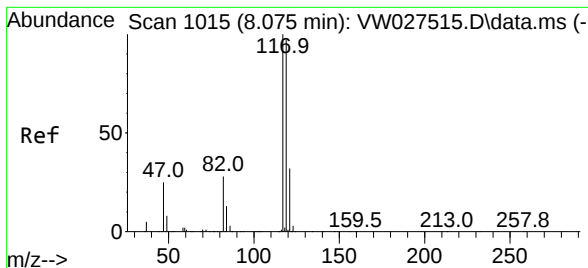
Tgt Ion: 56 Resp: 229522
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.4
84 80.0 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.460 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 97 Resp: 212632
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 48.4 37.4 56.0





#31

Carbon tetrachloride

Concen: 25.876 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

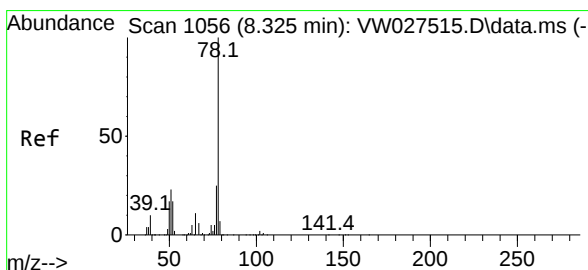
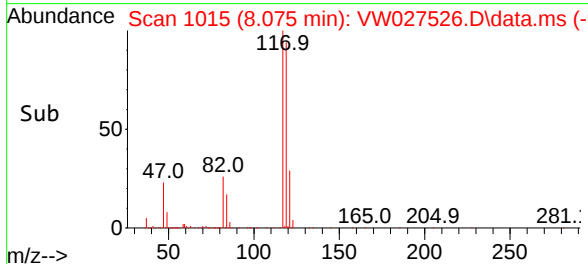
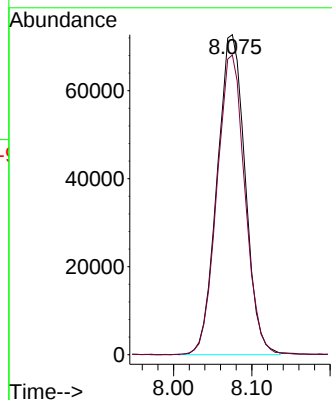
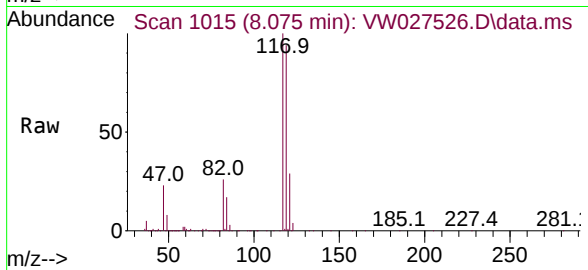
ClientSampleId :

Tgt Ion:117 Resp: 180671

Ion Ratio Lower Upper

117 100

119 93.7 77.1 115.7



#33

Benzene

Concen: 26.774 ug/L

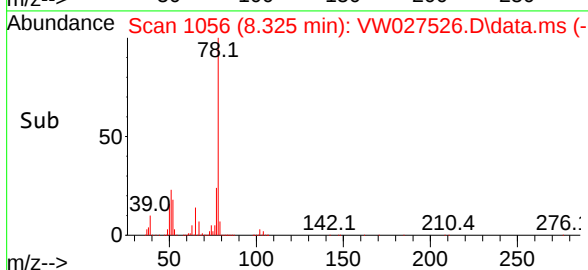
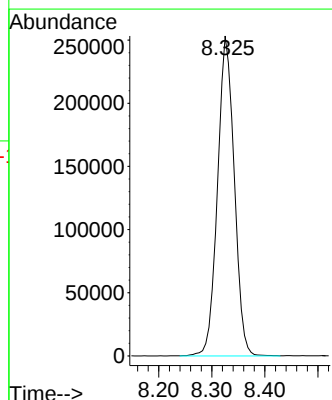
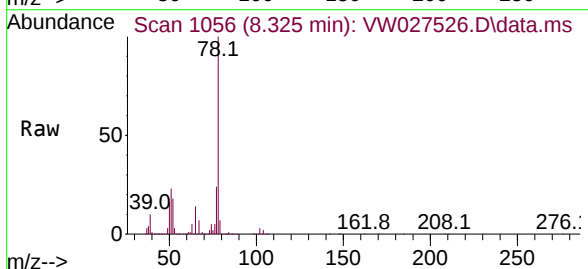
RT: 8.325 min Scan# 1056

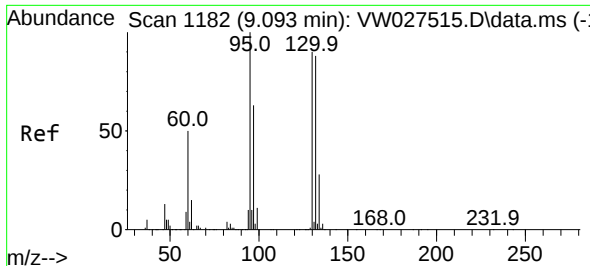
Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Tgt Ion: 78 Resp: 555463



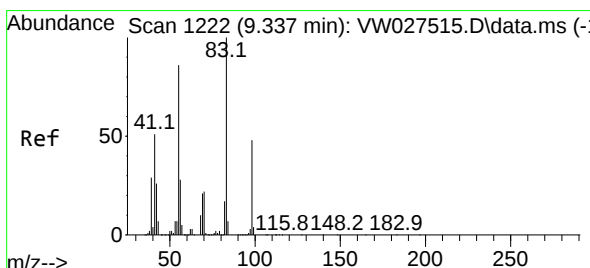
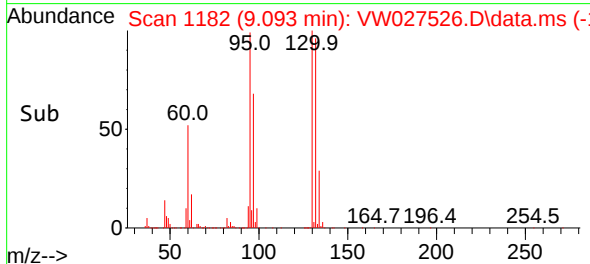
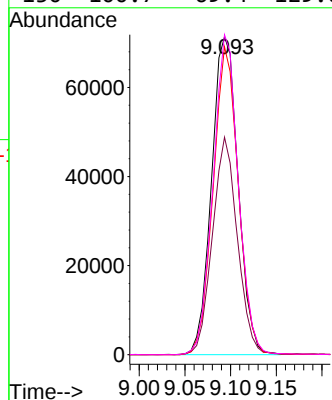
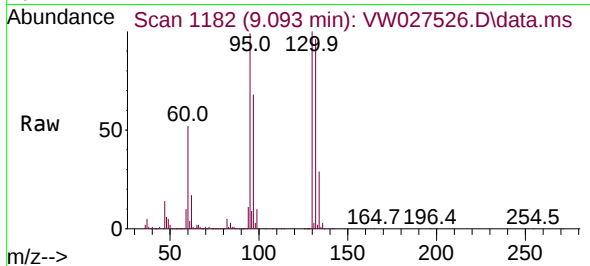


#34
Trichloroethene
Concen: 26.233 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 143759

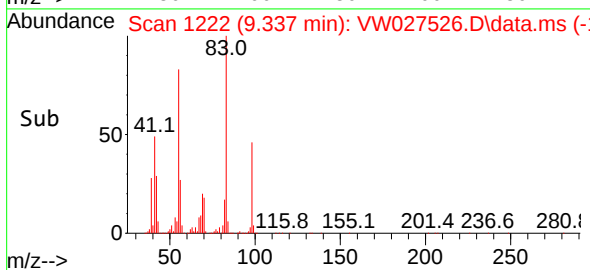
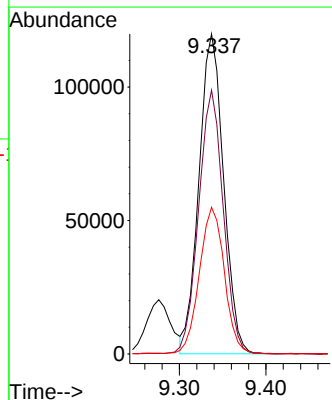
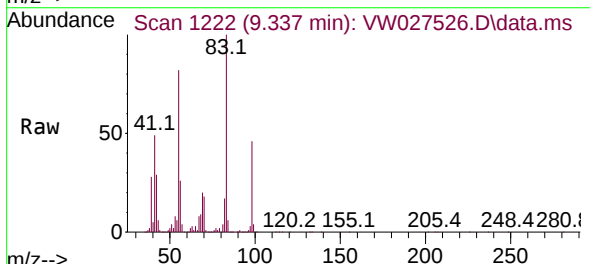
Ion	Ratio	Lower	Upper
95	100		
97	68.4	43.4	80.6
132	96.8	67.6	125.6
130	100.7	69.4	129.0

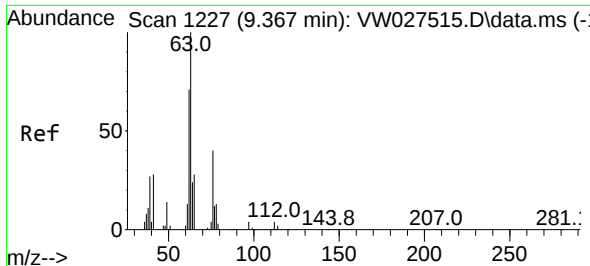


#35
Methylcyclohexane
Concen: 24.156 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 83 Resp: 236727

Ion	Ratio	Lower	Upper
83	100		
55	82.4	65.8	98.8
98	46.7	38.1	57.1





#37

1,2-Dichloropropane

Concen: 28.022 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

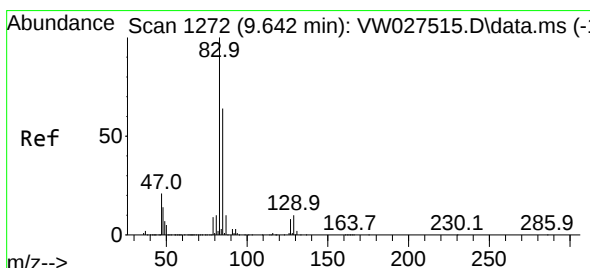
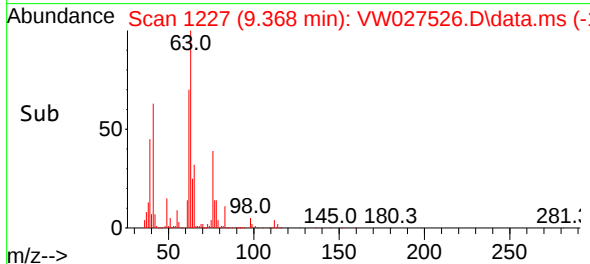
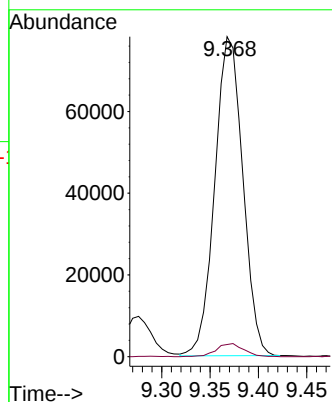
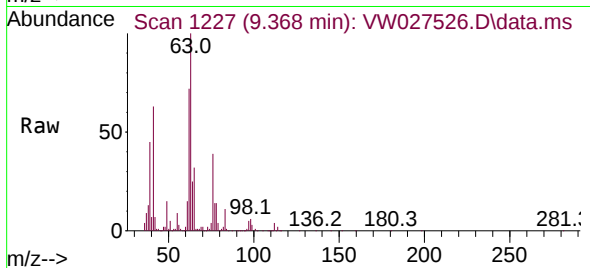
ClientSampleId :

Tgt Ion: 63 Resp: 157188

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 26.945 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

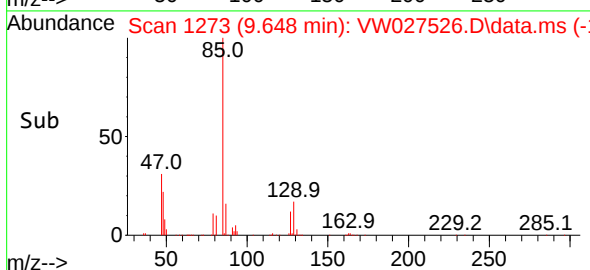
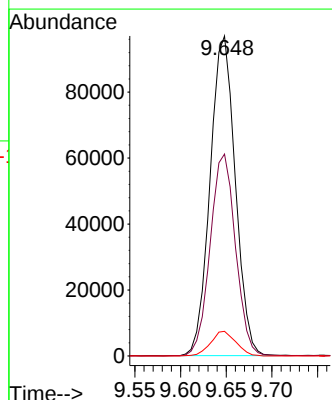
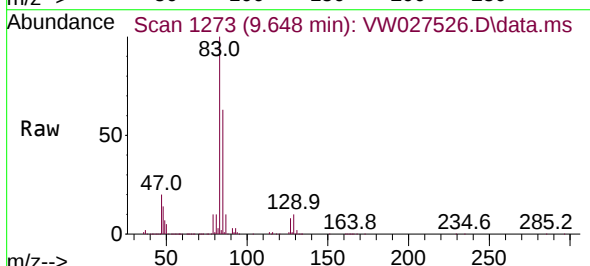
Tgt Ion: 83 Resp: 185858

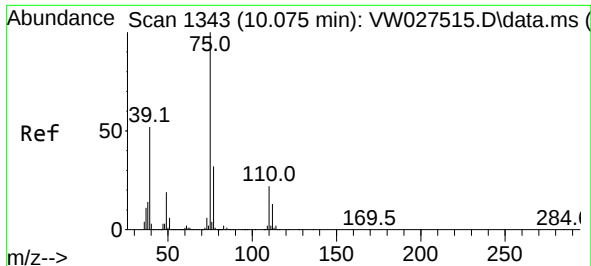
Ion Ratio Lower Upper

83 100

85 63.1 43.9 81.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.022 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

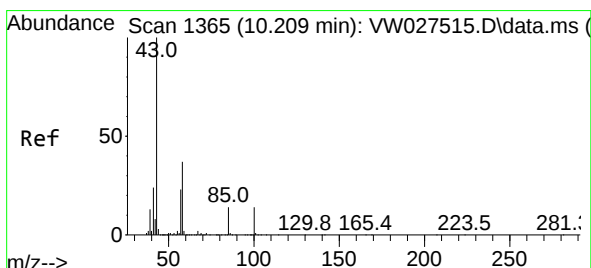
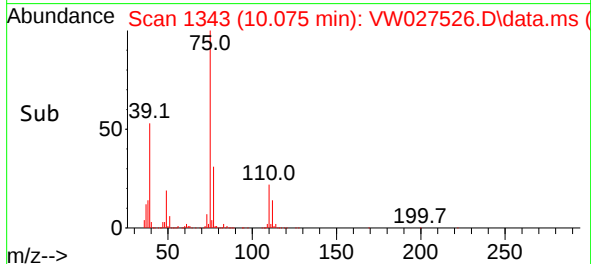
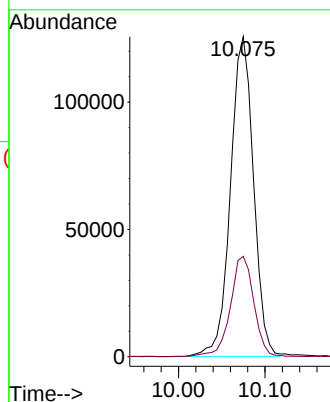
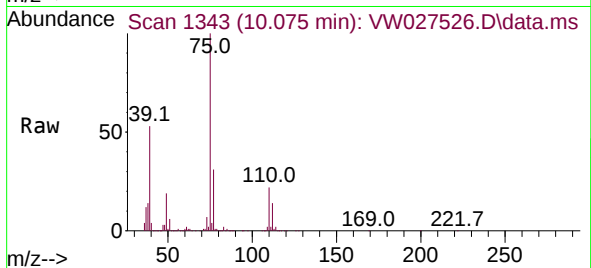
ClientSampleId :

Tgt Ion: 75 Resp: 231855

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 50.463 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

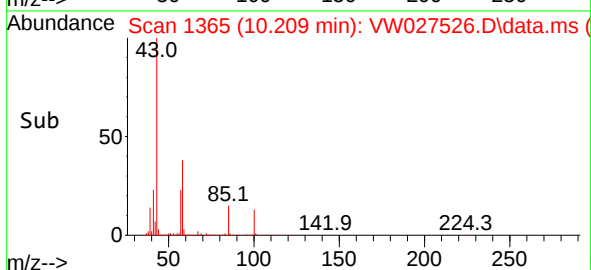
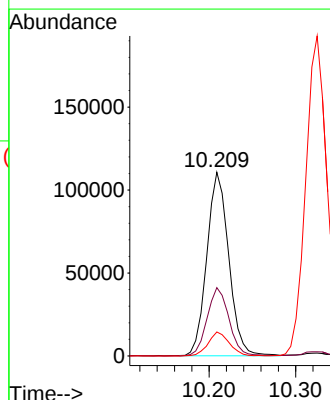
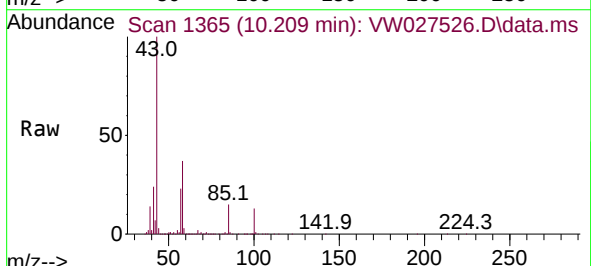
Tgt Ion: 43 Resp: 194670

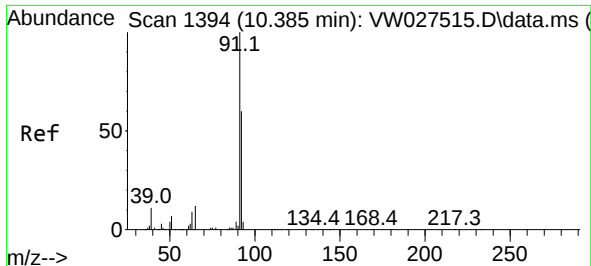
Ion Ratio Lower Upper

43 100

58 37.2 30.5 45.7

100 12.6 11.5 17.3





#42

Toluene

Concen: 26.991 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

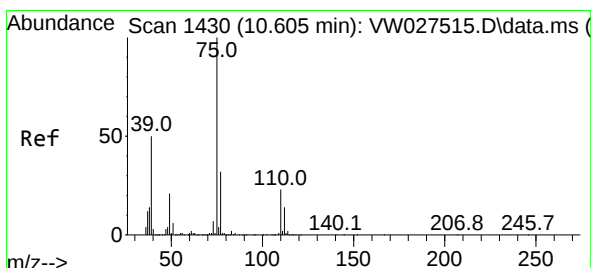
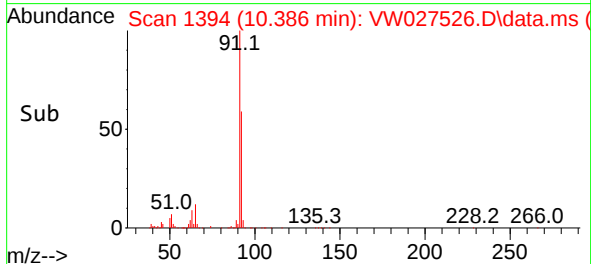
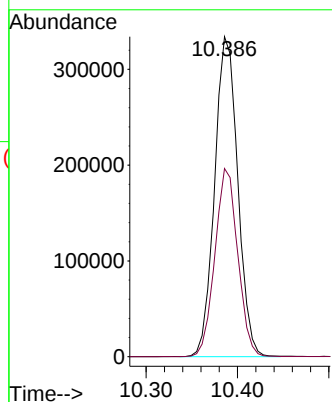
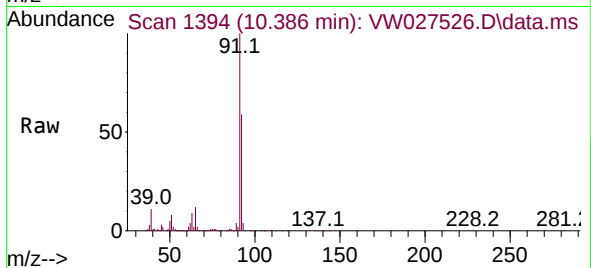
ClientSampleId :

Tgt Ion: 91 Resp: 587412

Ion Ratio Lower Upper

91 100

92 58.8 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 24.278 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027526.D

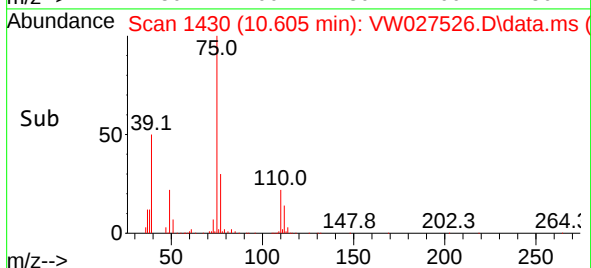
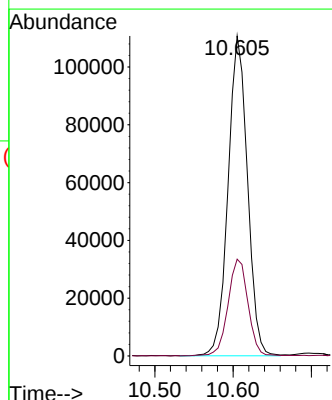
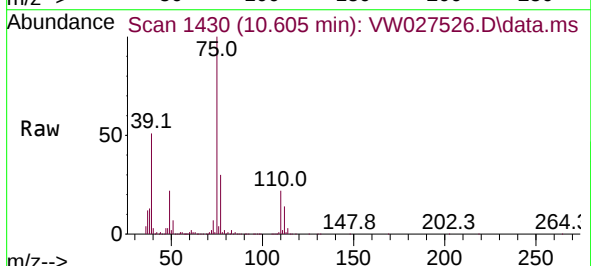
Acq: 03 Nov 2023 08:50

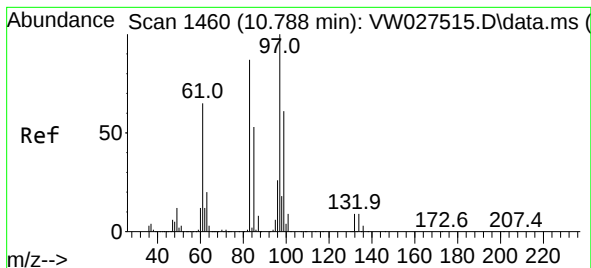
Tgt Ion: 75 Resp: 189823

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.873 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 103733

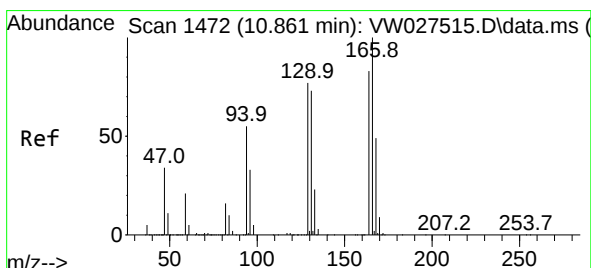
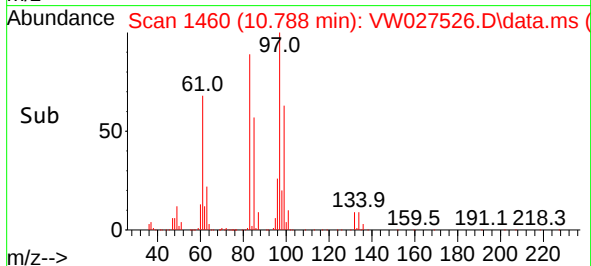
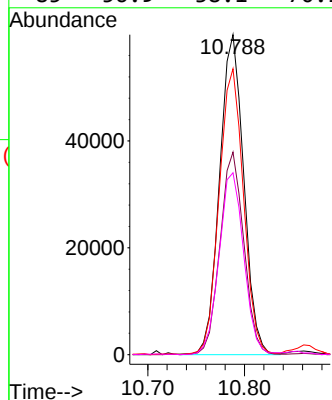
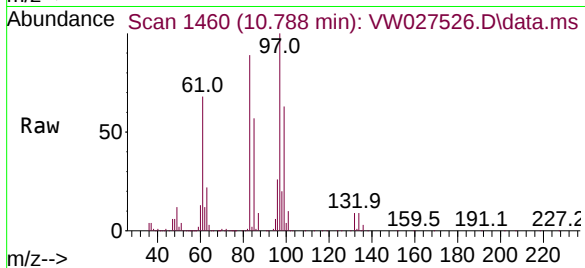
Ion Ratio Lower Upper

97 100

99 63.3 43.8 81.4

83 89.4 57.5 106.7

85 56.9 38.1 70.9



#46

Tetrachloroethene

Concen: 26.045 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Tgt Ion:164 Resp: 98554

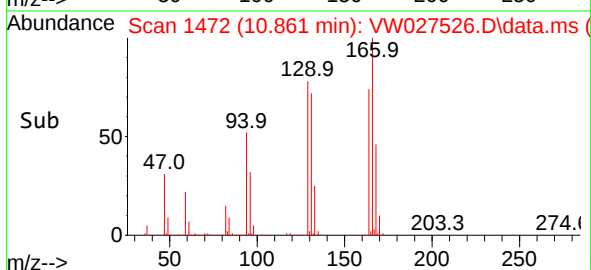
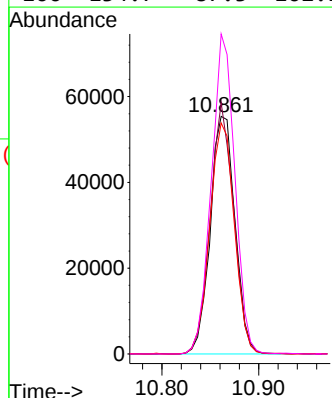
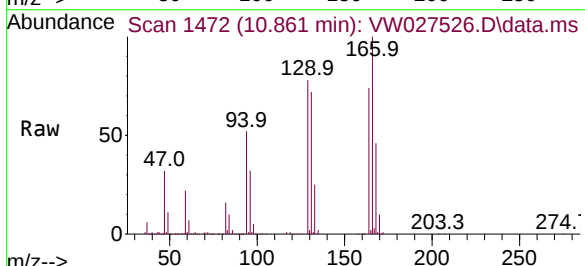
Ion Ratio Lower Upper

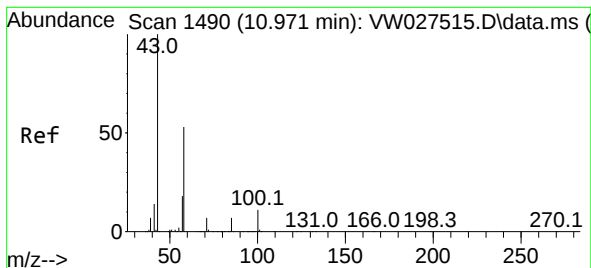
164 100

129 105.7 74.7 138.7

131 97.2 73.2 136.0

166 134.7 87.3 162.1

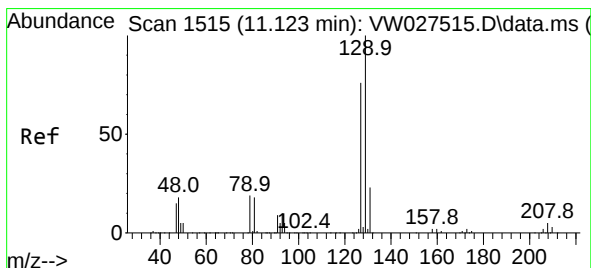
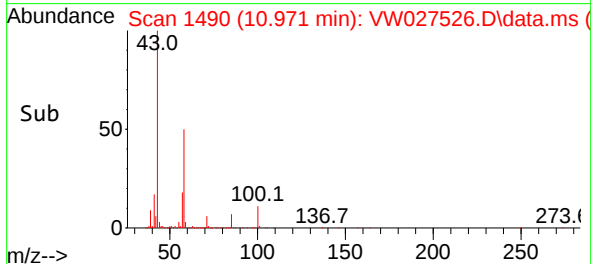
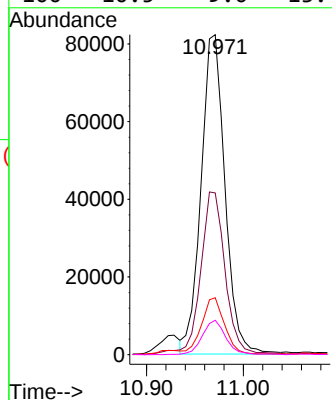
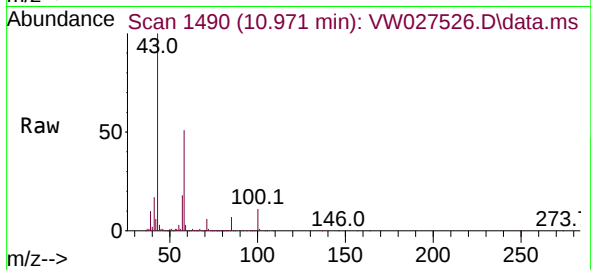




#48
2-Hexanone
Concen: 49.552 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

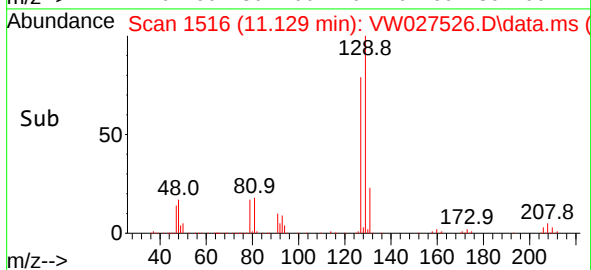
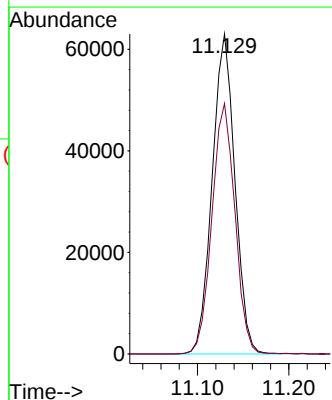
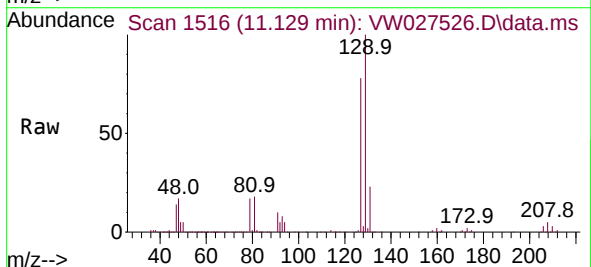
Instrument :
MSVOA_W
ClientSampleId :

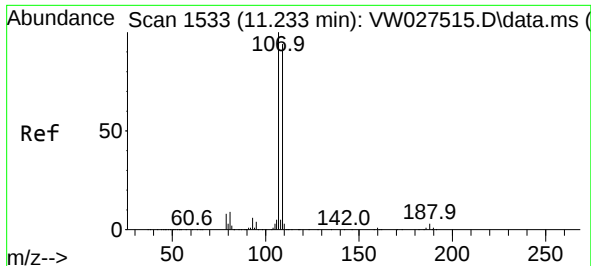
Tgt Ion: 43	Resp: 141485
Ion Ratio	Lower Upper
43 100	
58 51.4	42.2 63.4
57 17.2	15.1 22.7
100 10.5	9.0 13.4



#49
Dibromochloromethane
Concen: 25.366 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion:129	Resp: 108743		
Ion Ratio	Lower	Upper	
129 100			
127 78.3	51.7	95.9	





#50

1,2-Dibromoethane

Concen: 24.640 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027526.D

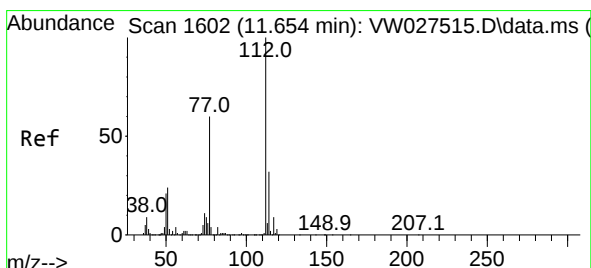
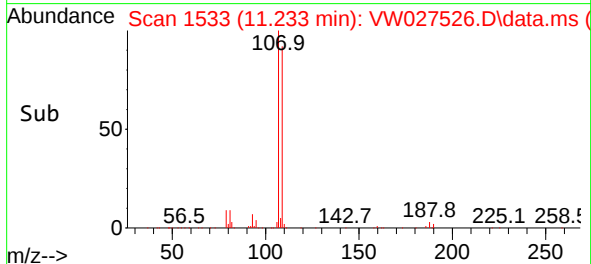
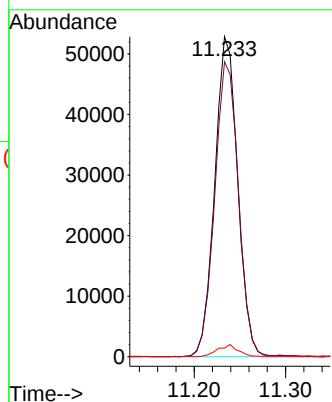
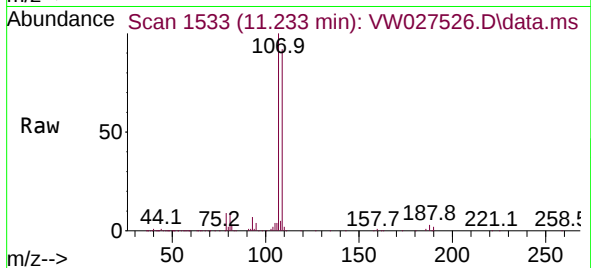
Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	92217
Ion	Ratio	Lower	Upper
107	100		
109	92.2	66.3	123.1
188	2.7	3.0	4.4#



#51

Chlorobenzene

Concen: 26.975 ug/L

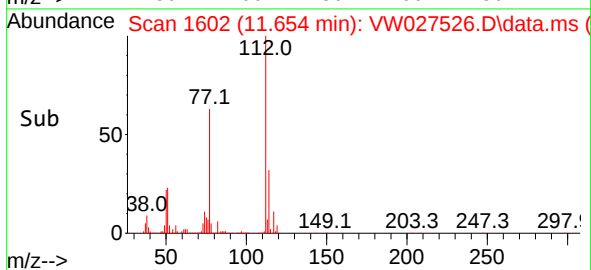
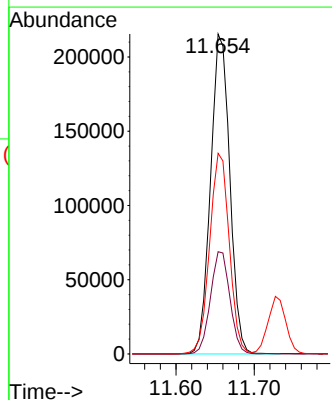
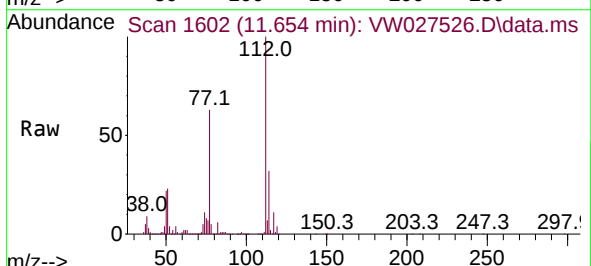
RT: 11.654 min Scan# 1602

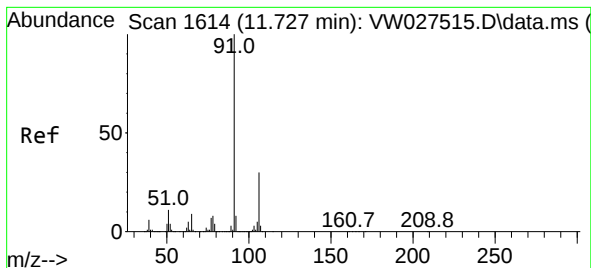
Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Tgt Ion:	112	Resp:	367622
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.8	40.6
77	62.7	52.2	78.4

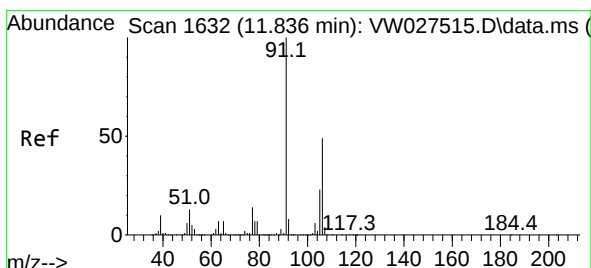
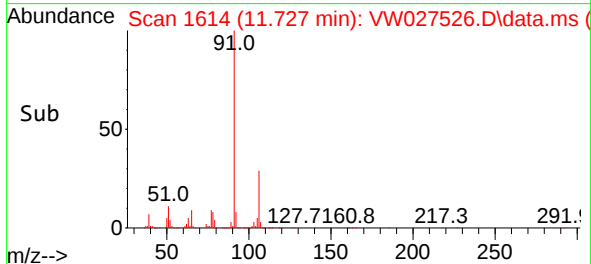
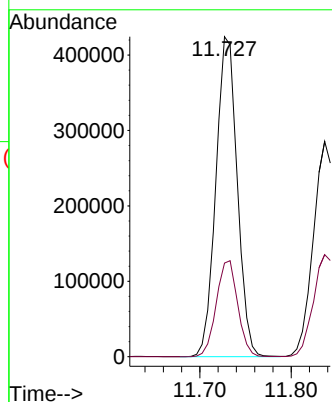
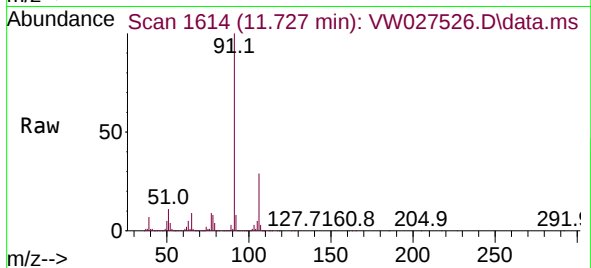




#52
Ethylbenzene
Concen: 27.273 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

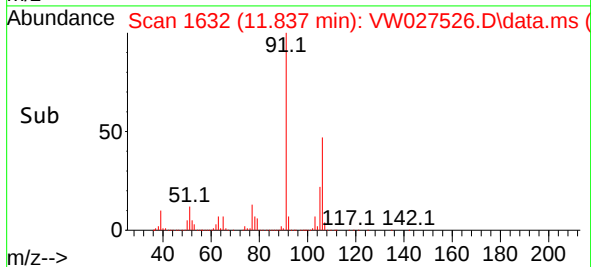
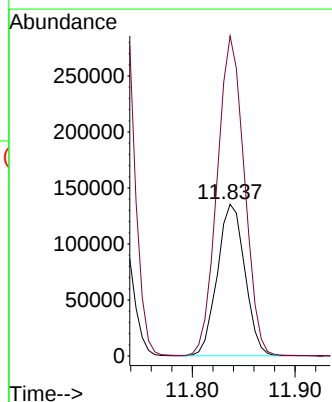
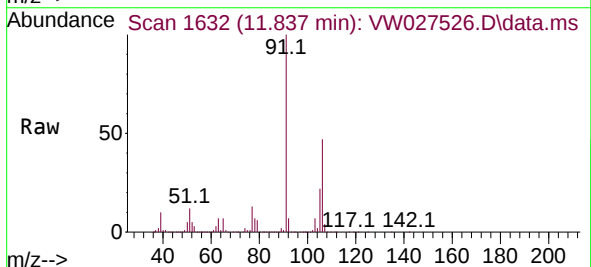
Instrument :
MSVOA_W
ClientSampleId :

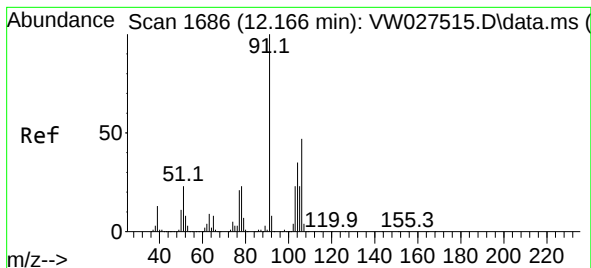
Tgt Ion: 91 Resp: 689752
Ion Ratio Lower Upper
91 100
106 29.2 19.8 36.8



#53
m,p-Xylene
Concen: 26.264 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion: 106 Resp: 251933
Ion Ratio Lower Upper
106 100
91 210.9 144.5 268.4





#54

o-Xylene

Concen: 26.613 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

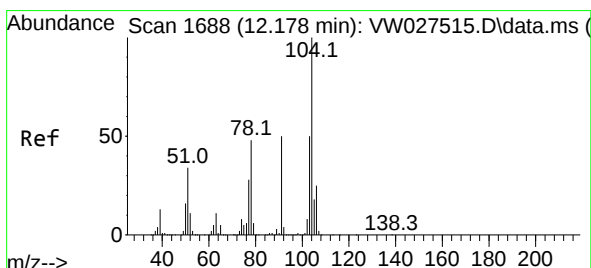
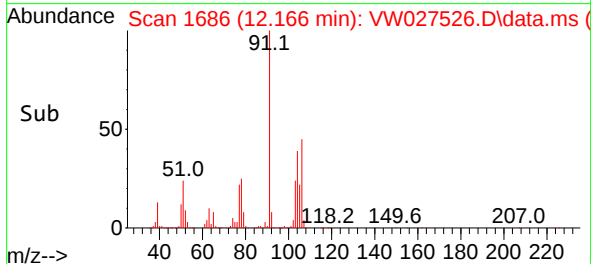
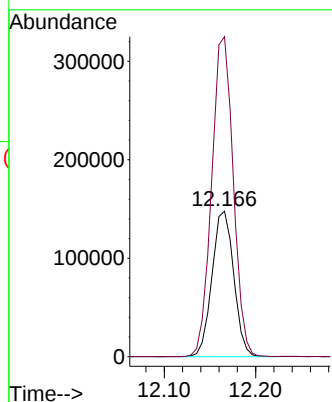
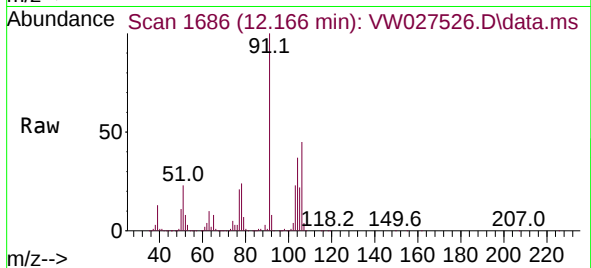
ClientSampleId :

Tgt Ion:106 Resp: 244454

Ion Ratio Lower Upper

106 100

91 220.0 152.0 282.2



#55

Styrene

Concen: 26.869 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027526.D

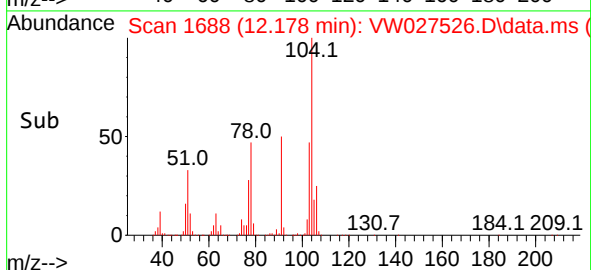
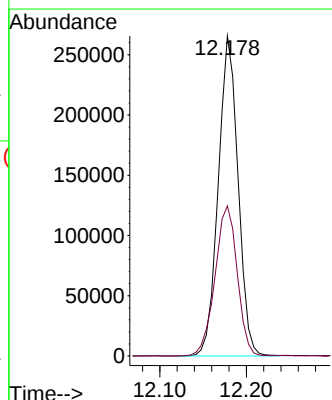
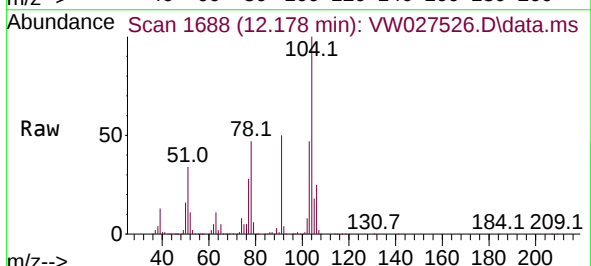
Acq: 03 Nov 2023 08:50

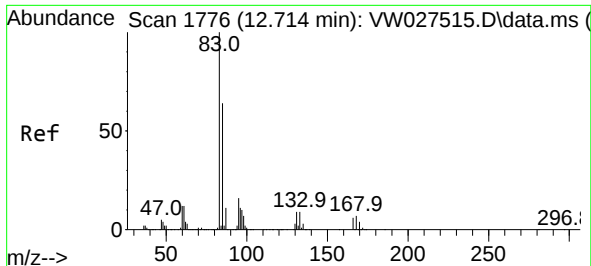
Tgt Ion:104 Resp: 421521

Ion Ratio Lower Upper

104 100

78 46.9 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.471 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027526.D

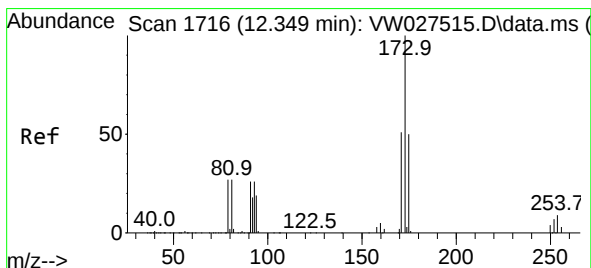
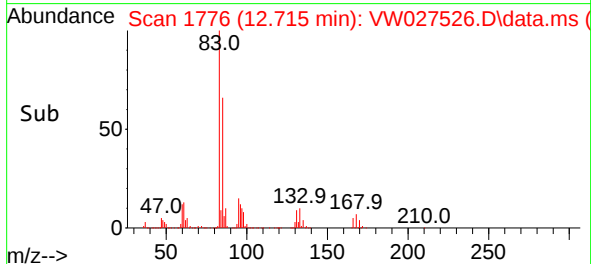
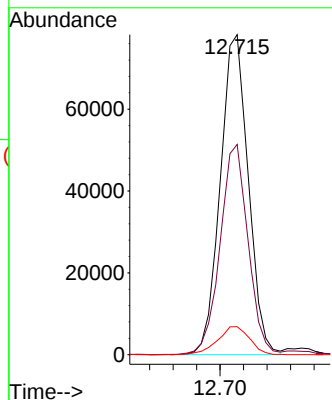
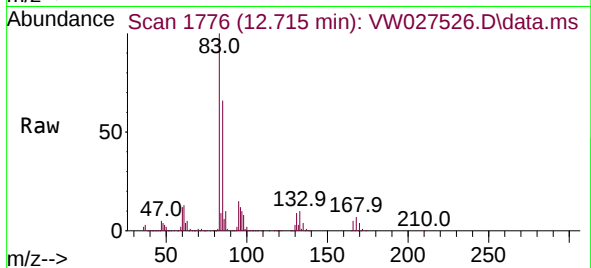
Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 129448
Ion Ratio	Lower Upper
83 100	
85 65.7	43.2 80.2
131 8.7	7.2 10.8



#59

Bromoform

Concen: 21.224 ug/L

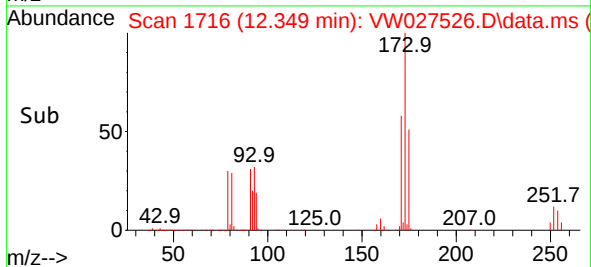
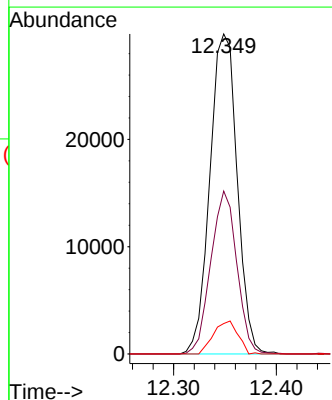
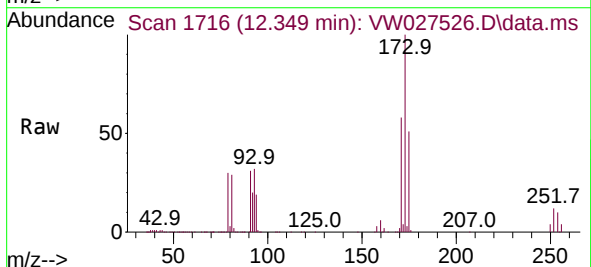
RT: 12.349 min Scan# 1716

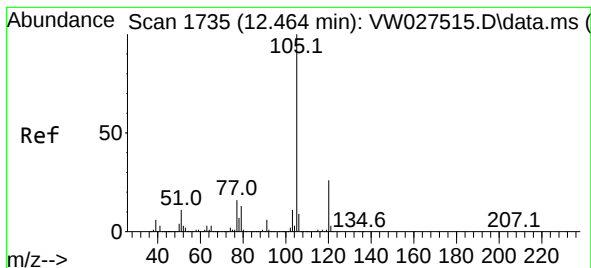
Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Tgt Ion: 173	Resp: 55022
Ion Ratio	Lower Upper
173 100	
175 48.5	39.6 59.4
254 9.1	6.6 10.0





#60

Isopropylbenzene

Concen: 25.323 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

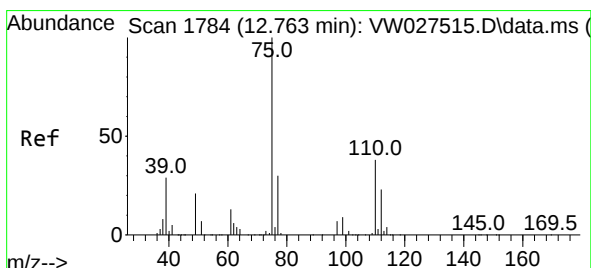
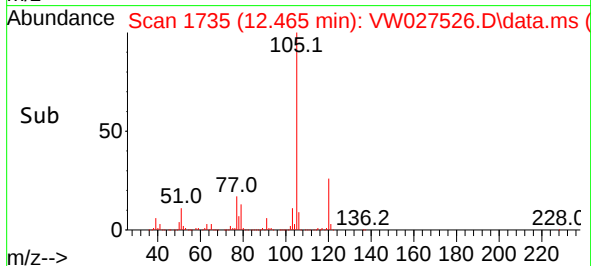
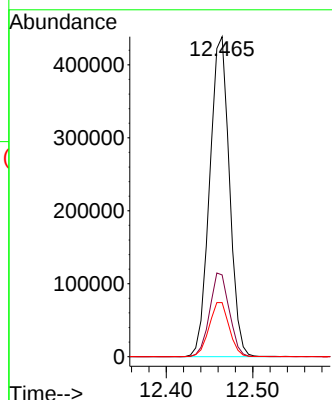
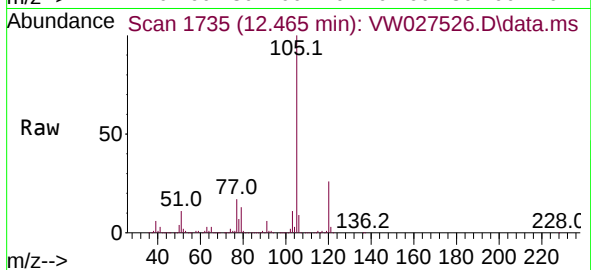
Tgt Ion:105 Resp: 693059

Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

77 17.1 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 24.448 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

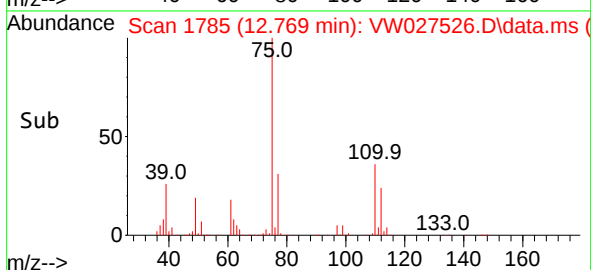
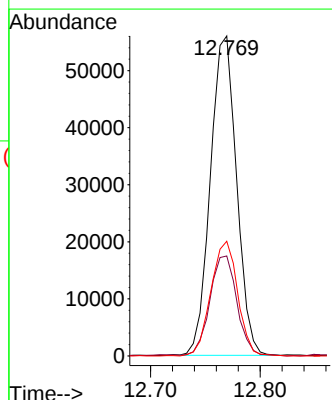
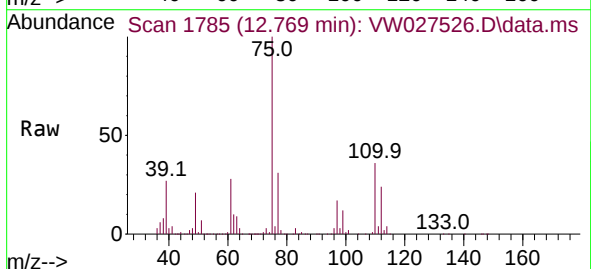
Tgt Ion: 75 Resp: 93003

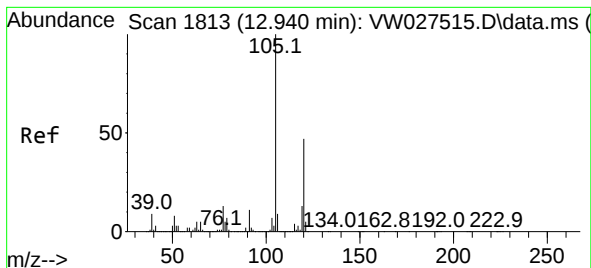
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 36.6 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 24.689 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

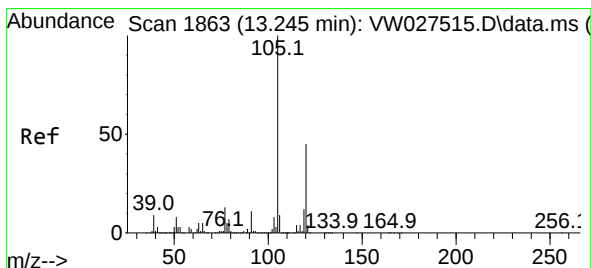
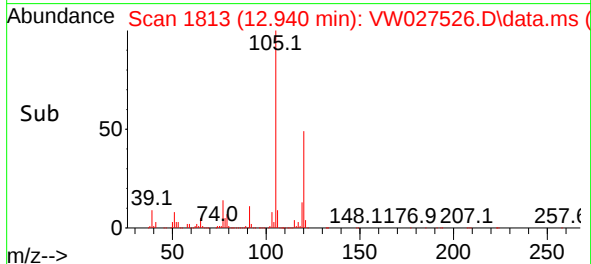
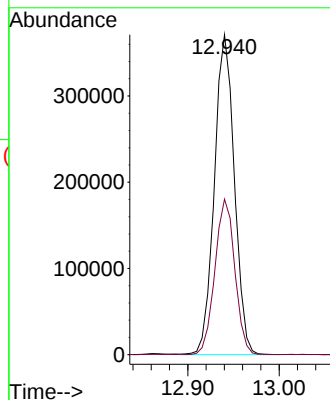
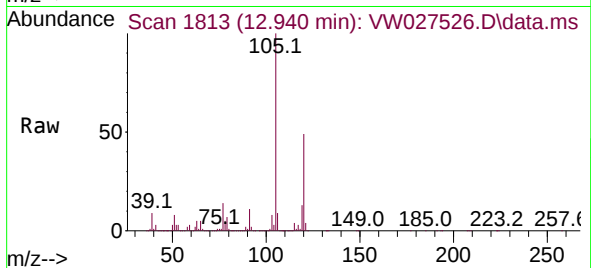
ClientSampleId :

Tgt Ion:105 Resp: 563630

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.636 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027526.D

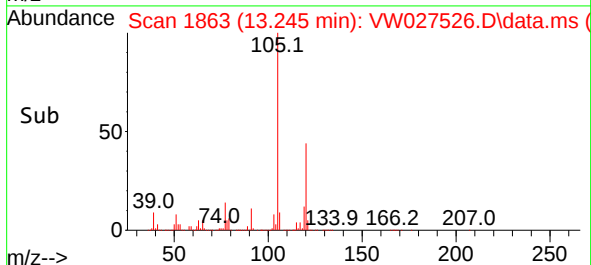
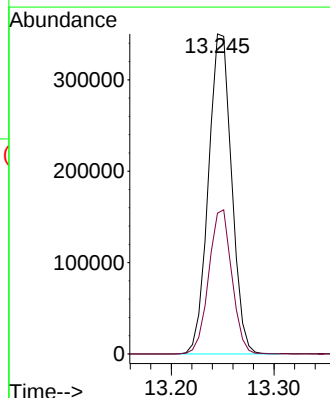
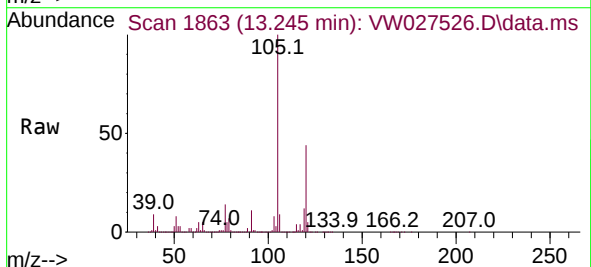
Acq: 03 Nov 2023 08:50

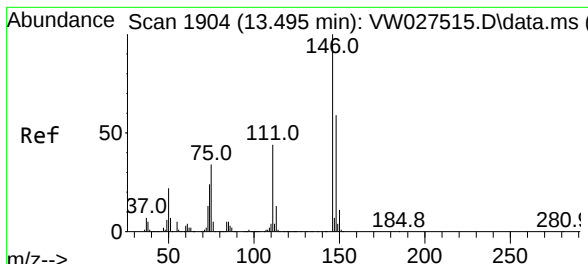
Tgt Ion:105 Resp: 550292

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.2

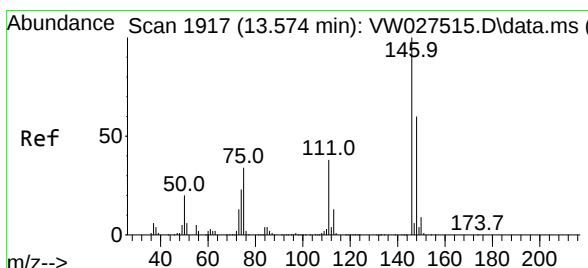
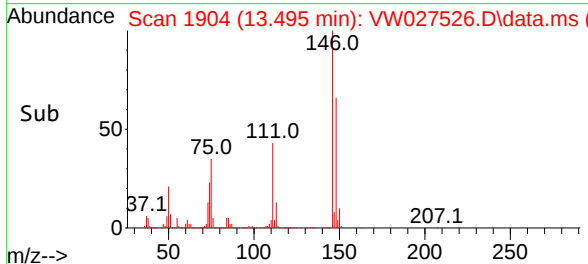
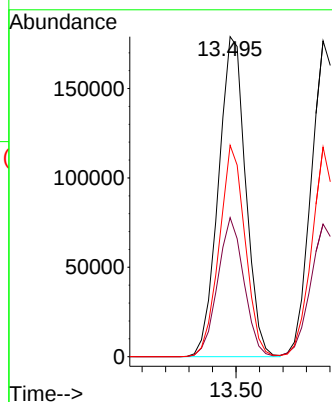
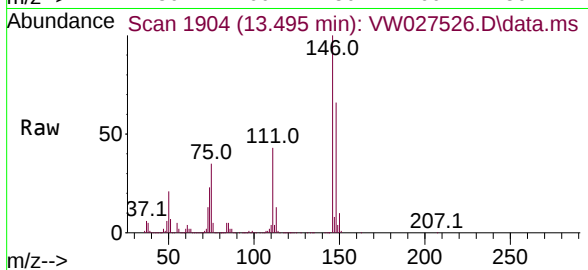




#64
1,3-Dichlorobenzene
Concen: 25.942 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

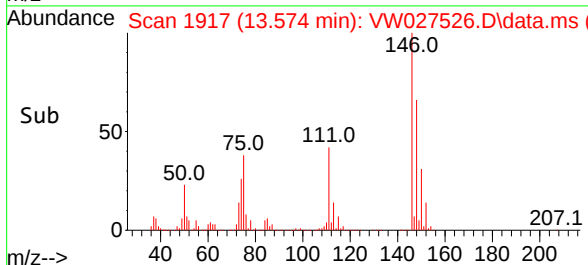
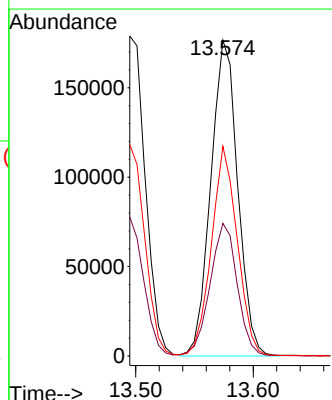
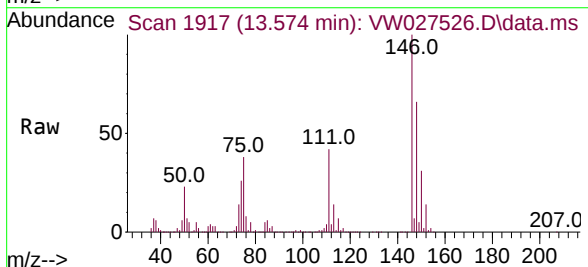
Instrument :
MSVOA_W
ClientSampleId :

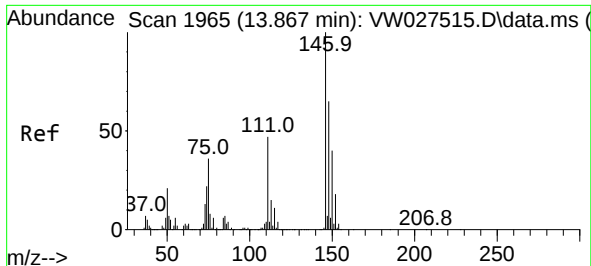
Tgt Ion:146 Resp: 287914
Ion Ratio Lower Upper
146 100
111 43.5 30.8 57.2
148 66.0 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.419 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027526.D
Acq: 03 Nov 2023 08:50

Tgt Ion:146 Resp: 281740
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.9
148 66.4 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.165 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

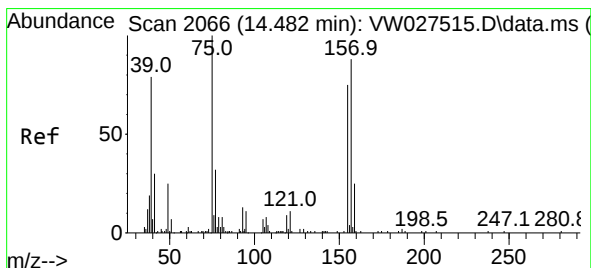
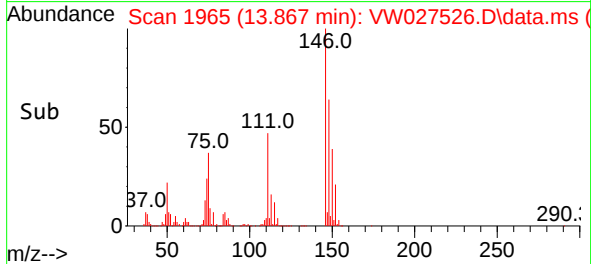
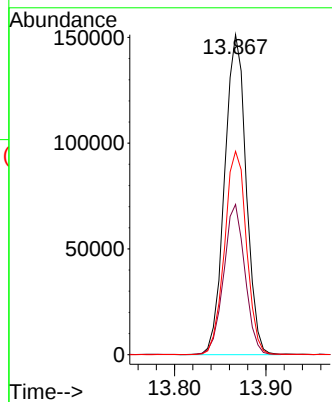
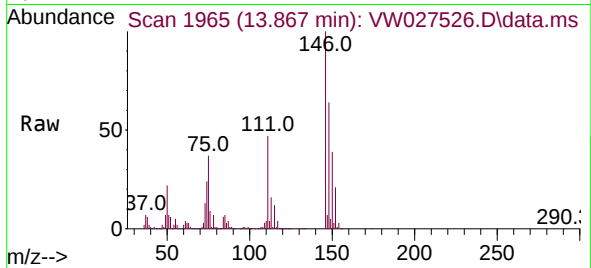
Tgt Ion:146 Resp: 247833

Ion Ratio Lower Upper

146 100

111 47.0 36.8 55.2

148 63.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.870 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

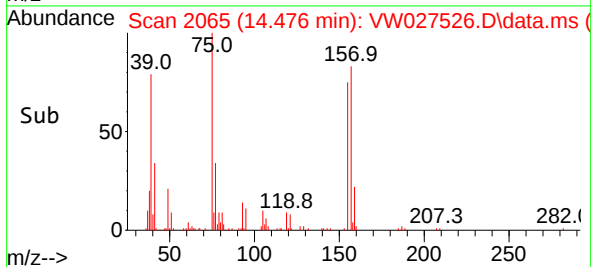
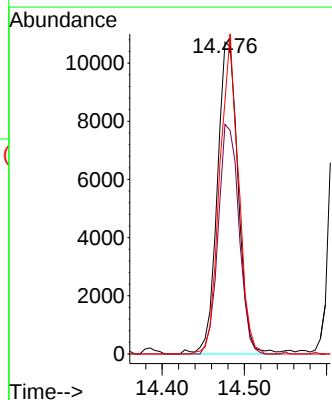
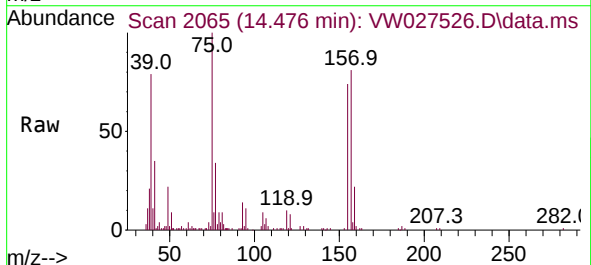
Tgt Ion: 75 Resp: 18891

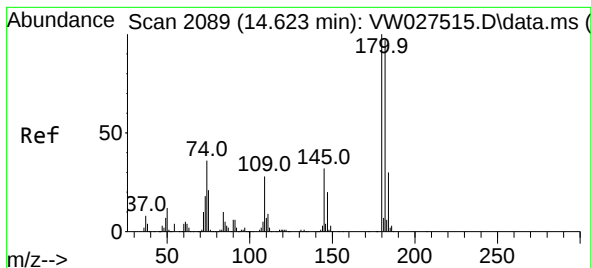
Ion Ratio Lower Upper

75 100

155 73.6 54.9 82.3

157 81.2 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 26.392 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 190146

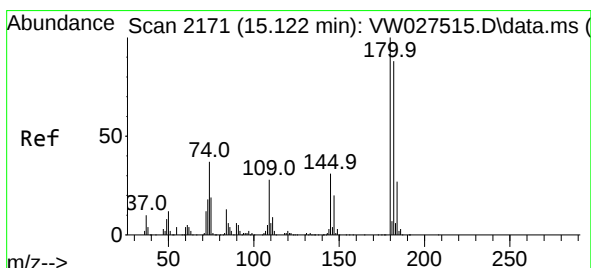
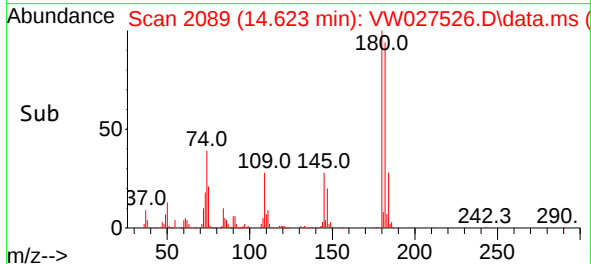
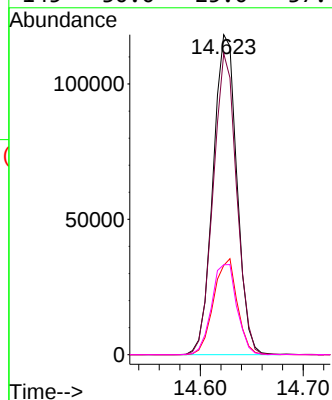
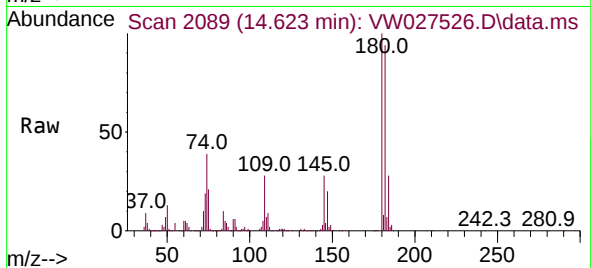
Ion Ratio Lower Upper

180 100

182 92.7 73.4 110.0

184 29.8 23.3 34.9

145 30.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.086 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

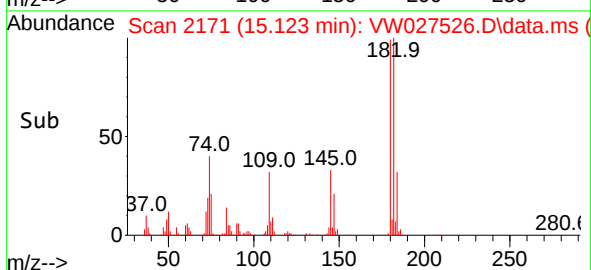
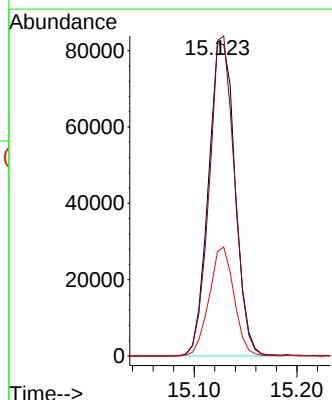
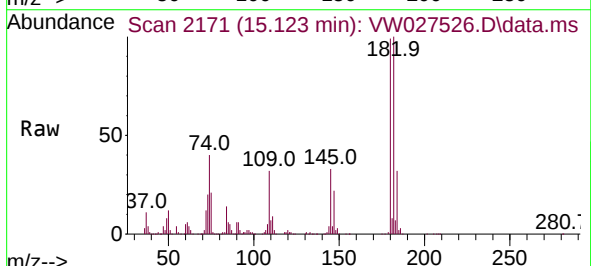
Tgt Ion:180 Resp: 147699

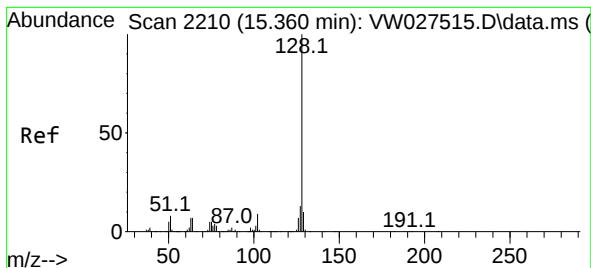
Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

145 32.5 26.4 39.6





#71

Naphthalene

Concen: 22.707 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

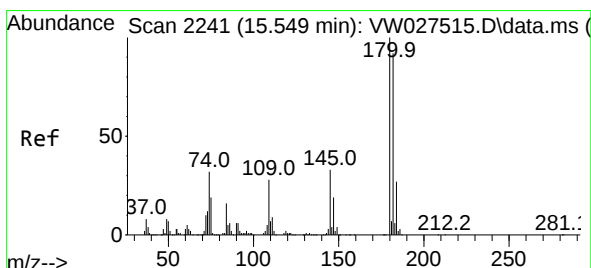
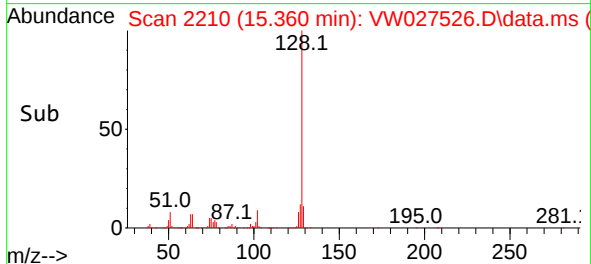
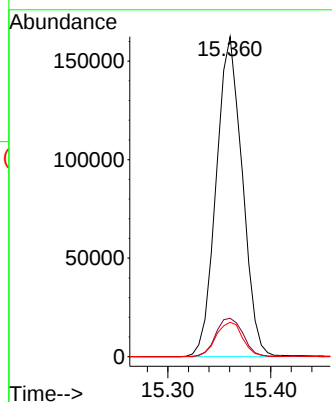
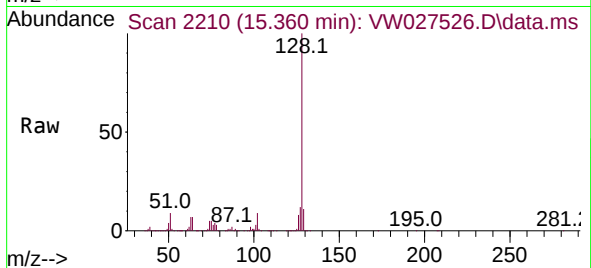
Tgt Ion:128 Resp: 286352

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.769 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027526.D

Acq: 03 Nov 2023 08:50

Tgt Ion:180 Resp: 129942

Ion Ratio Lower Upper

180 100

182 90.3 81.1 121.7

145 33.9 30.6 45.8

