

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027268.D
 Acq On : 06 Oct 2023 17:23
 Operator : SY/MD
 Sample : 04771-13MSD
 Misc : 3.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 00:26:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 07 00:22:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	713130	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	669765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	328832	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	207560	18.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.893	69	186184	21.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.080%
11) 1,1-Dichloroethene-d2	4.021	65	91127	19.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	7.081	46	121989	52.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.340%
24) Chloroform-d	7.648	84	454929	21.797	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	8.307	65	243392	24.334	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.276	84	901268	21.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.840%
36) 1,2-Dichloropropane-d6	9.276	67	278389	22.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	10.325	98	782743	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.575	79	111306	23.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.922	63	98808	52.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232561	24.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	217917	19.765	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	219779	23.718	ug/L	93
3) Chloromethane	2.229	50	259835	20.774	ug/L	98
5) Vinyl chloride	2.375	62	285450	20.902	ug/L	98
6) Bromomethane	2.789	94	201699	22.418	ug/L	100
8) Chloroethane	2.936	64	196927	23.760	ug/L	96
9) Trichlorofluoromethane	3.265	101	224120	19.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107365	9.297	ug/L #	6
12) 1,1-Dichloroethene	4.045	96	238857	21.650	ug/L	98
13) Acetone	4.125	43	210079	73.397	ug/L	95
14) Carbon disulfide	4.387	76	722829	19.520	ug/L	99
15) Methyl Acetate	4.673	43	123519	25.748	ug/L	97
16) Methylene chloride	4.911	84	307703	22.042	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	253690	21.371	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	368746	24.823	ug/L	98
19) 1,1-Dichloroethane	6.222	63	509842	23.031	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	301323	23.813	ug/L	95
22) 2-Butanone	7.173	43	225902	63.816	ug/L	97
23) Bromochloromethane	7.520	128	132767	22.995	ug/L	93
25) Chloroform	7.679	83	516140	23.905	ug/L	93

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 Response via : Initial Calibration

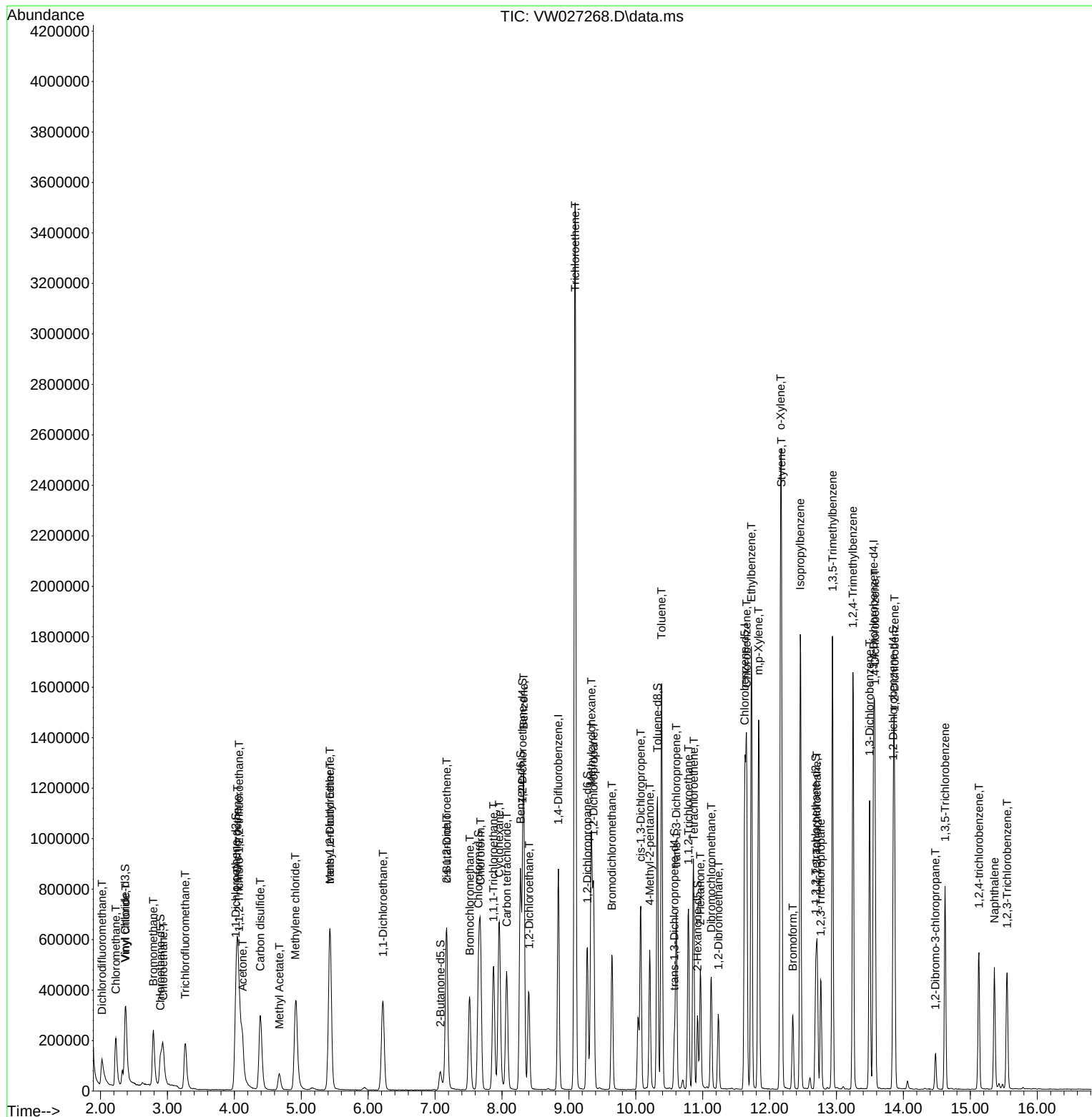
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	345444	26.118	ug/L	98
29) Cyclohexane	7.959	56	379575	21.302	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	395863	23.776	ug/L	98
31) Carbon tetrachloride	8.069	117	351185	22.332	ug/L	98
33) Benzene	8.325	78	1153778	24.373	ug/L	100
34) Trichloroethene	9.093	95	1193327	96.532	ug/L	94
35) Methylcyclohexane	9.337	83	413951	19.909	ug/L	99
37) 1,2-Dichloropropane	9.368	63	309354	25.362	ug/L	99
38) Bromodichloromethane	9.642	83	361970	24.708	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	428765	23.857	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	346779	58.602	ug/L	97
42) Toluene	10.386	91	1171211	24.092	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	370624	25.162	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	225533	25.550	ug/L	99
46) Tetrachloroethene	10.867	164	196578	20.229	ug/L	93
48) 2-Hexanone	10.965	43	292535	63.059	ug/L	97
49) Dibromochloromethane	11.129	129	237587	24.818	ug/L	95
50) 1,2-Dibromoethane	11.233	107	200324	24.457	ug/L	91
51) Chlorobenzene	11.654	112	708639	21.966	ug/L	100
52) Ethylbenzene	11.727	91	1216561	22.275	ug/L	100
53) m,p-Xylene	11.837	106	466257	22.265	ug/L	91
54) o-Xylene	12.166	106	443976	22.695	ug/L	99
55) Styrene	12.178	104	777397	23.085	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	257483	24.319	ug/L	97
59) Bromoform	12.349	173	131726	25.368	ug/L	96
60) Isopropylbenzene	12.458	105	1137306	23.488	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	185025	27.483	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	888599	23.406	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	847885	22.790	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	455655	20.389	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	487465	21.710	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	441188	22.523	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	38881	26.962	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	235969	16.397	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	170556	15.022	ug/L	95
71) Naphthalene	15.360	128	392253	19.581	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152773	15.159	ug/L	99

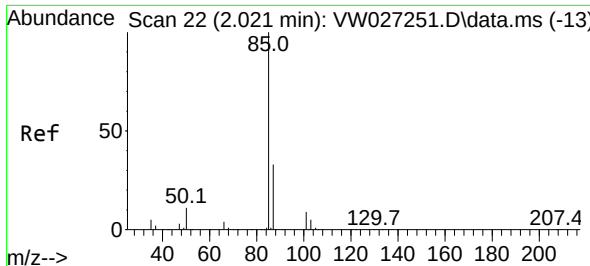
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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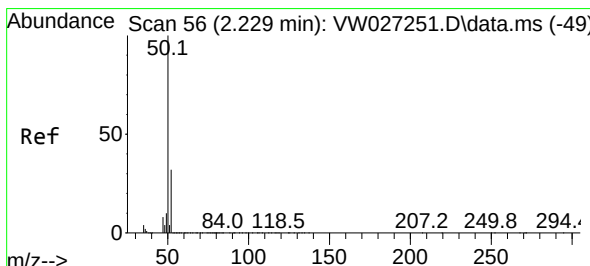
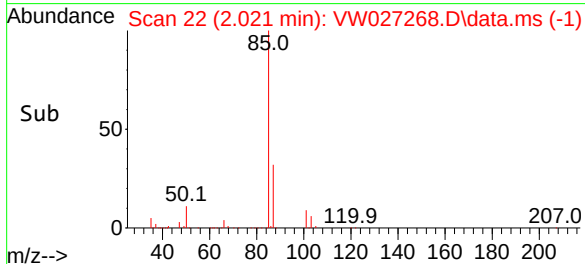
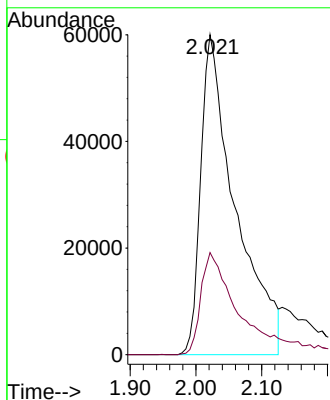
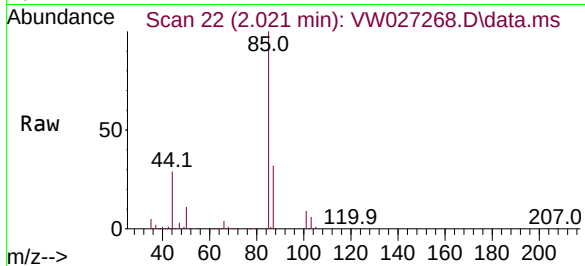




#2
 Dichlorodifluoromethane
 Concen: 23.718 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

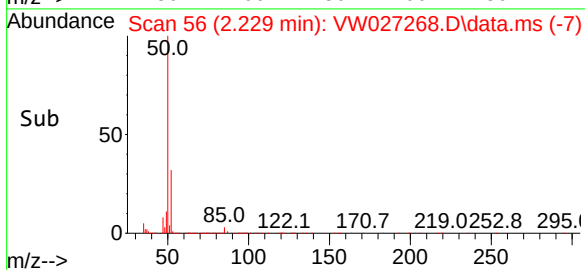
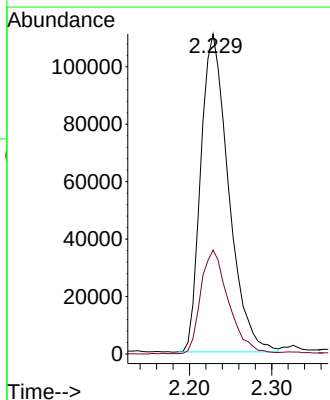
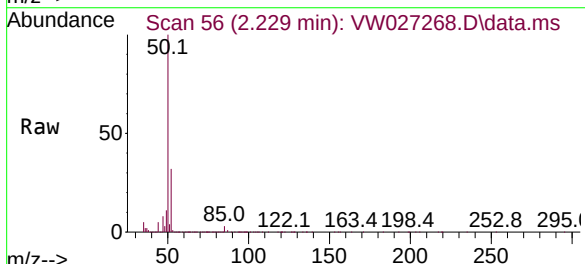
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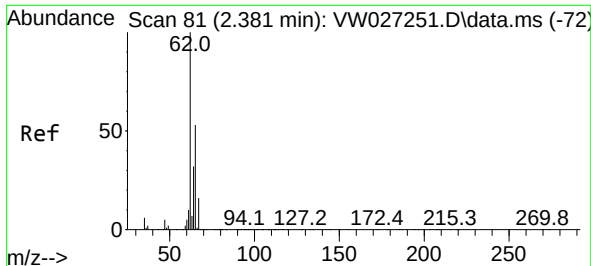
Tgt Ion: 85 Resp: 219779
 Ion Ratio Lower Upper
 85 100
 87 31.5 22.1 33.1



#3
 Chloromethane
 Concen: 20.774 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

Tgt Ion: 50 Resp: 259835
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.5 43.7

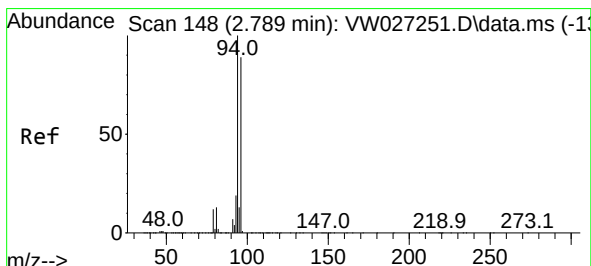
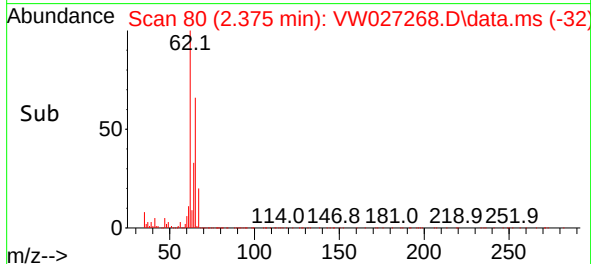
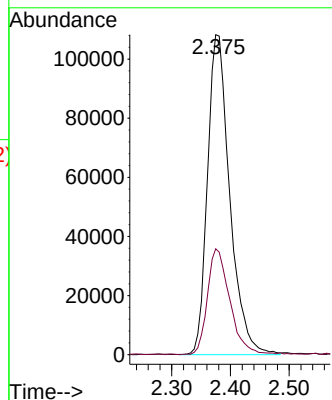
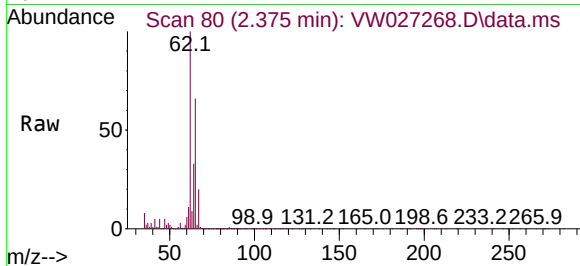




#5
 Vinyl chloride
 Concen: 20.902 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

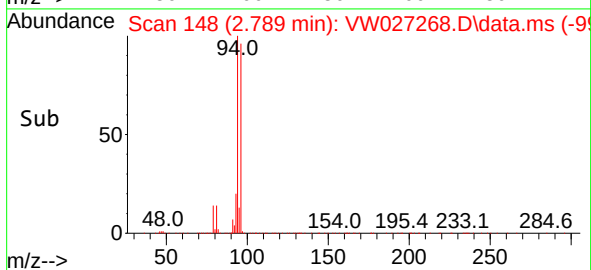
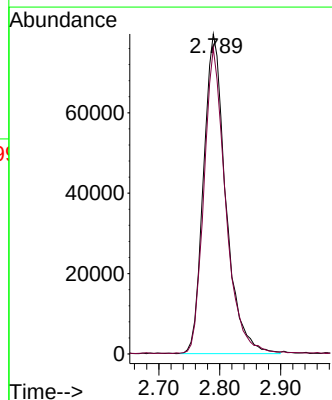
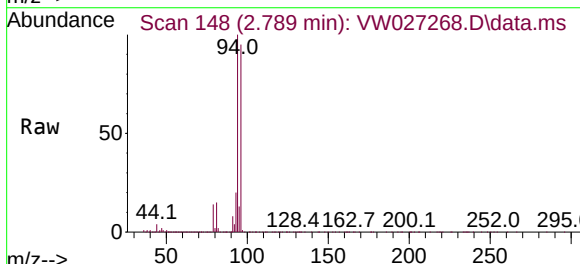
Instrument :
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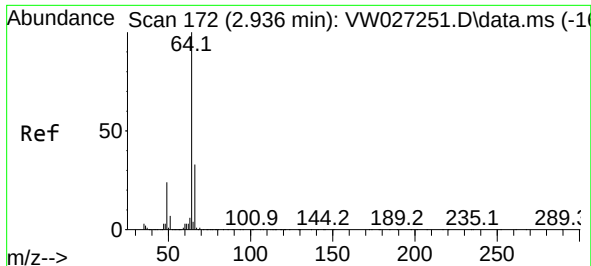
Tgt Ion: 62 Resp: 285450
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.2 41.2



#6
 Bromomethane
 Concen: 22.418 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

Tgt Ion: 94 Resp: 201699
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.8 124.0

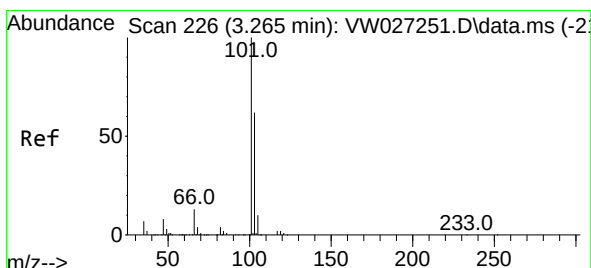
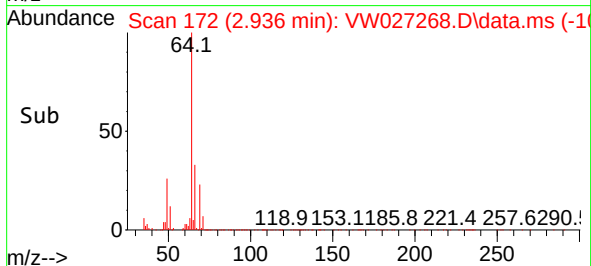
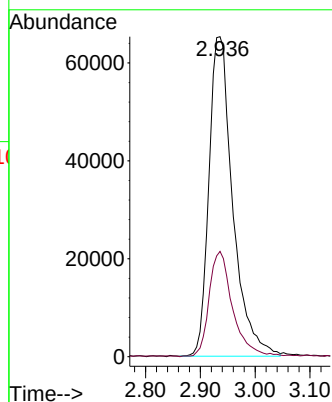
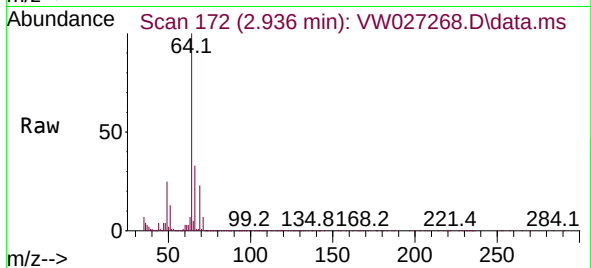




#8
Chloroethane
Concen: 23.760 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

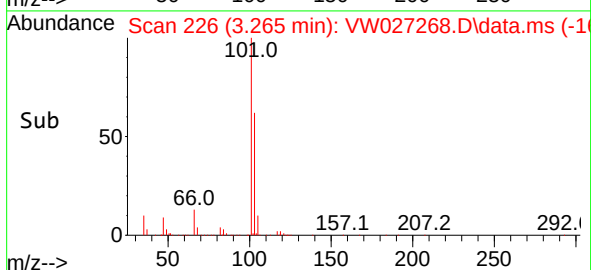
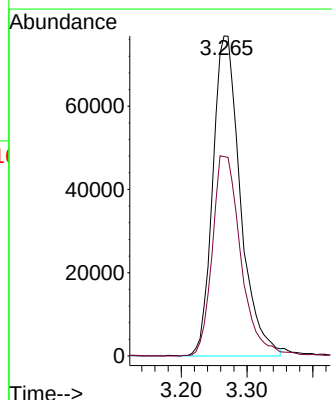
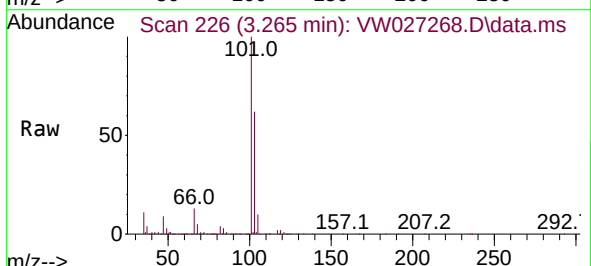
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MSVOA_W
ClientSampleId :

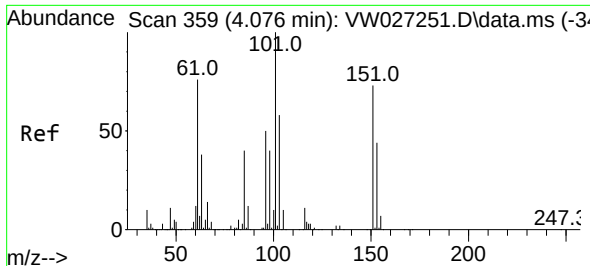
Tgt Ion: 64 Resp: 196927
Ion Ratio Lower Upper
64 100
66 32.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.527 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 101 Resp: 224120
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

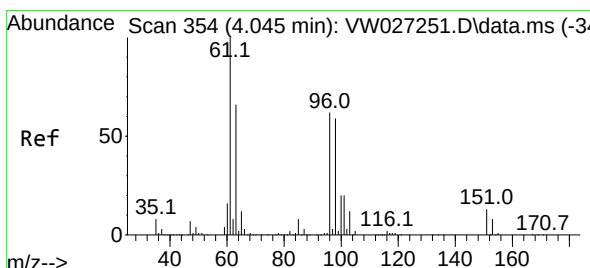
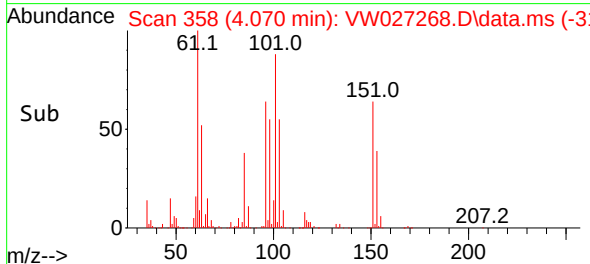
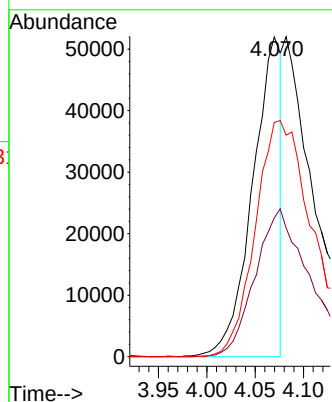
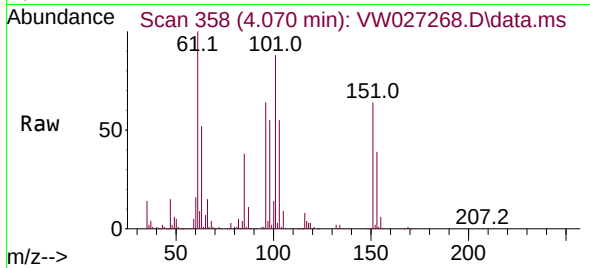




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.297 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW027268.D
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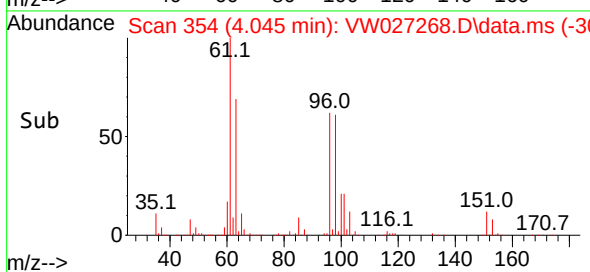
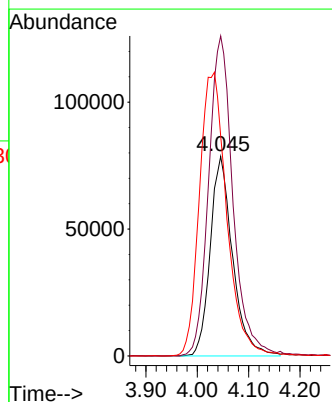
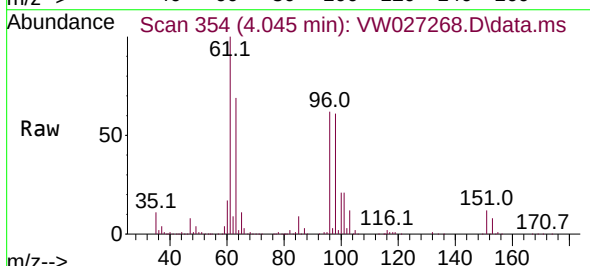
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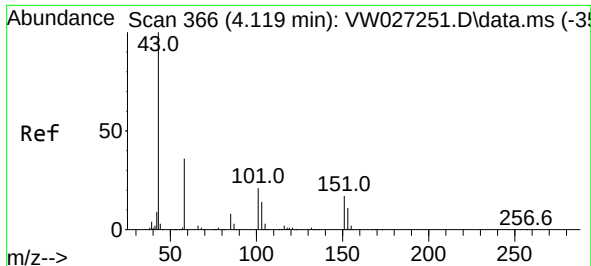
Tgt Ion:101 Resp: 107365
Ion Ratio Lower Upper
101 100
85 89.5 33.1 49.7#
151 160.7 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 21.650 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 96 Resp: 238857
Ion Ratio Lower Upper
96 100
61 160.4 109.8 204.0
63 110.2 76.9 142.7

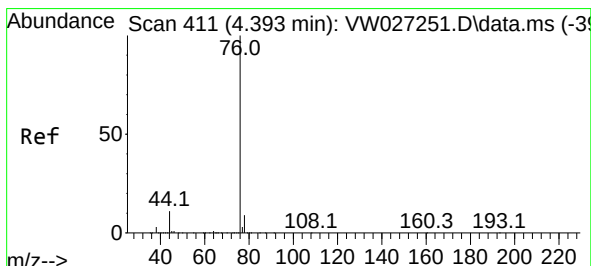
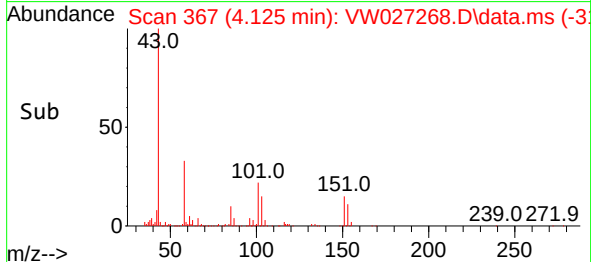
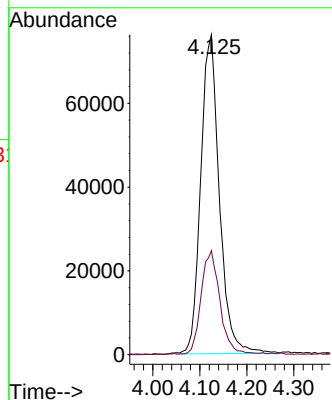
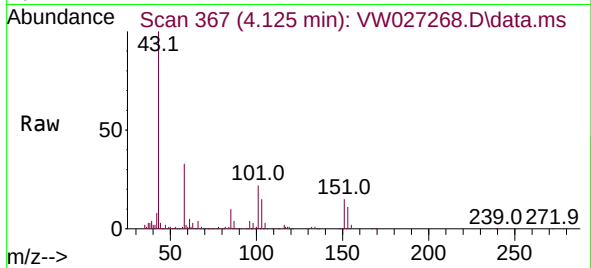




#13
Acetone
Concen: 73.397 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

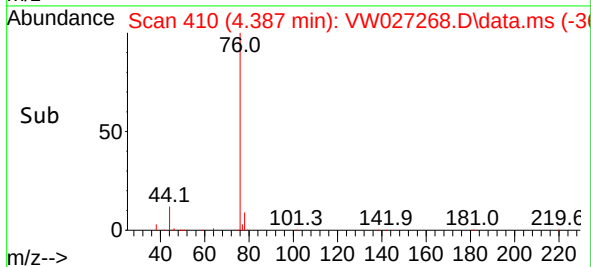
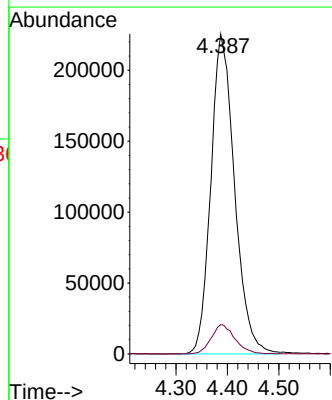
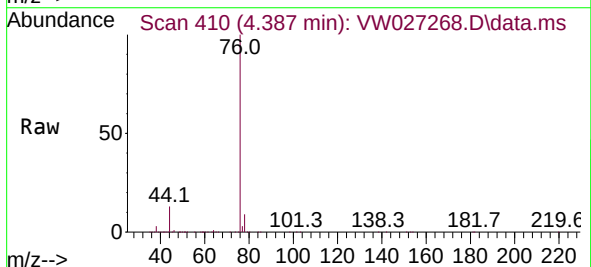
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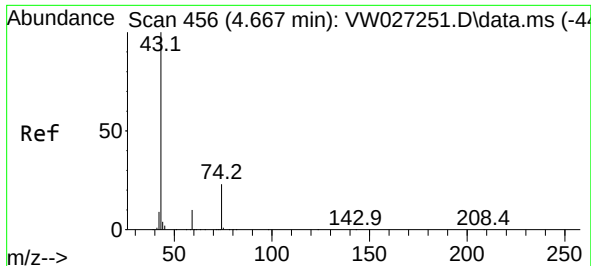
Tgt Ion: 43 Resp: 210079
Ion Ratio Lower Upper
43 100
58 32.6 0.0 70.4



#14
Carbon disulfide
Concen: 19.520 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027268.D
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Tgt Ion: 76 Resp: 722829
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

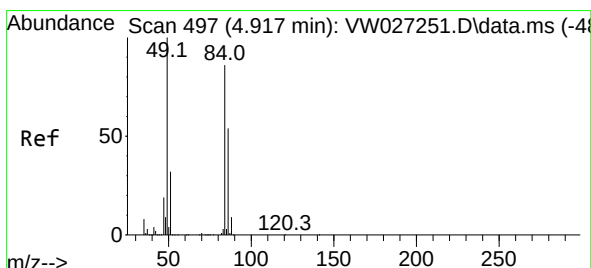
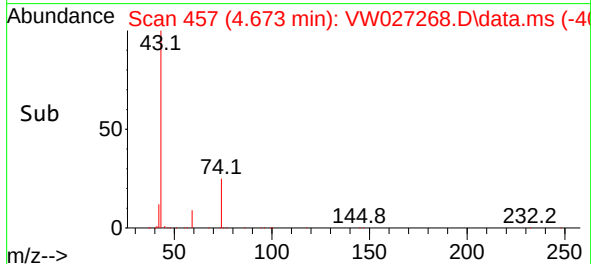
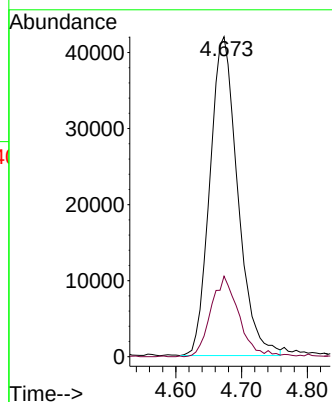
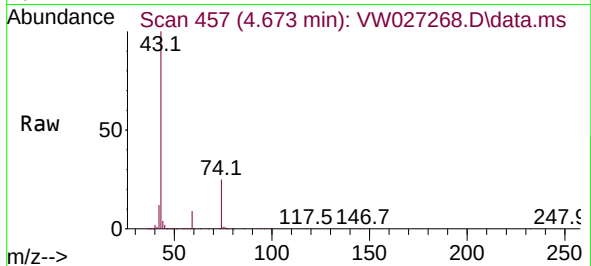




#15
Methyl Acetate
Concen: 25.748 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

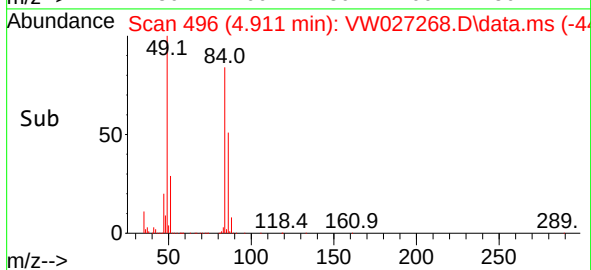
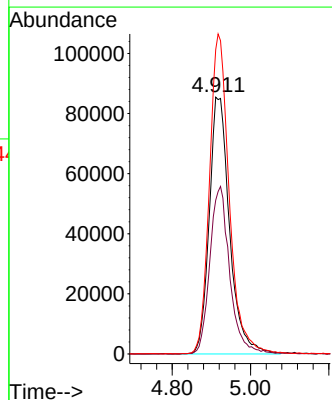
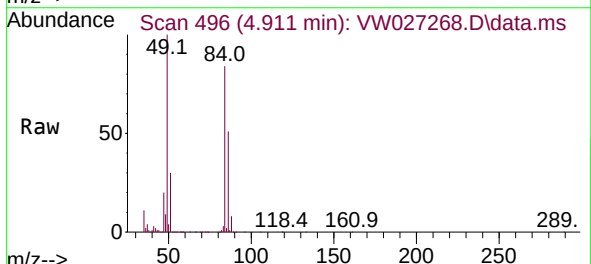
Instrument :
MSVOA_W
ClientSampleId :

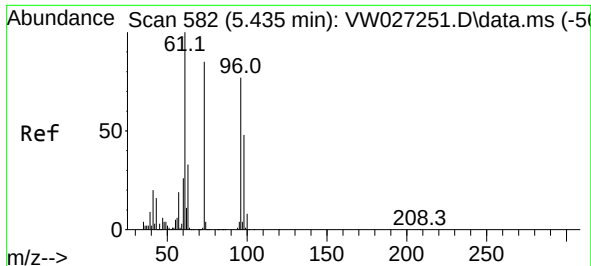
Tgt Ion: 43 Resp: 123519
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2



#16
Methylene chloride
Concen: 22.042 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 84 Resp: 307703
Ion Ratio Lower Upper
84 100
86 59.8 45.1 83.9
49 118.5 80.9 150.3

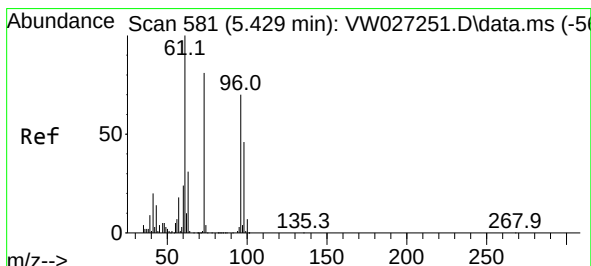
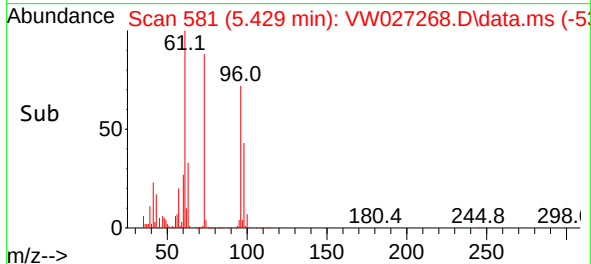
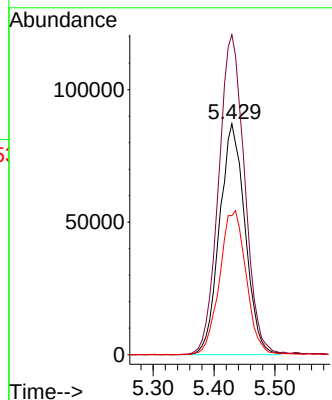
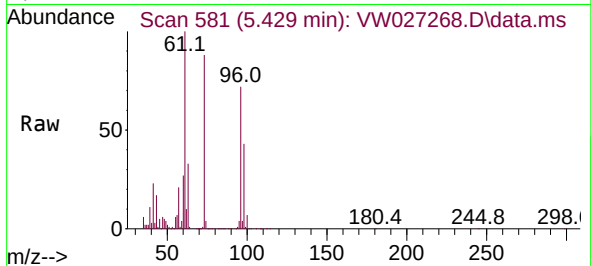




#17
trans-1,2-Dichloroethene
Concen: 21.371 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

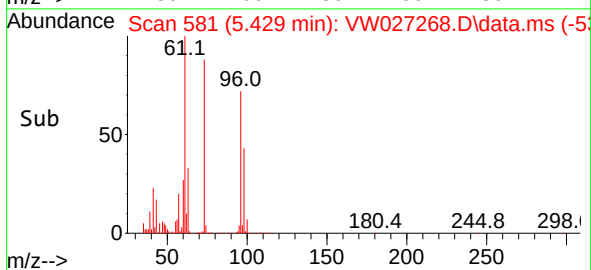
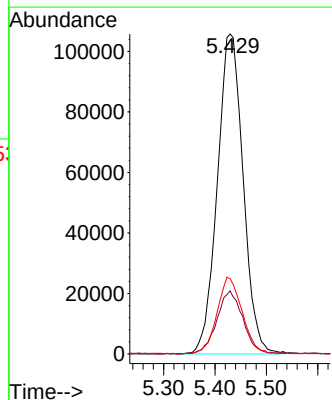
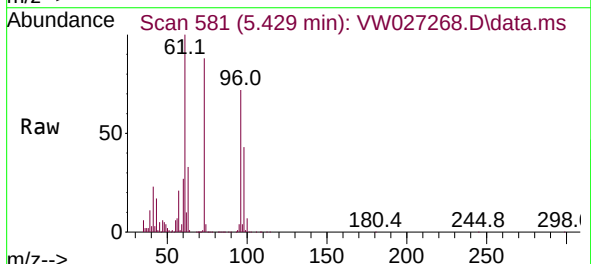
Instrument :
MSVOA_W
ClientSampleId :

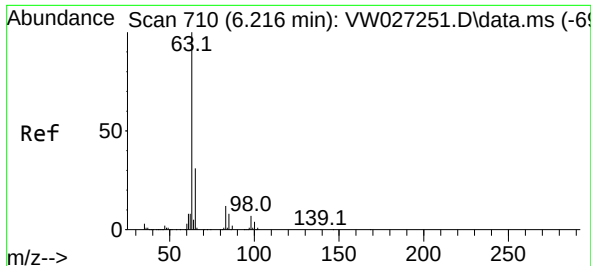
Tgt Ion: 96 Resp: 253690
Ion Ratio Lower Upper
96 100
61 138.6 93.5 173.7
98 60.2 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 24.823 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 73 Resp: 368746
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.2
57 23.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 23.031 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

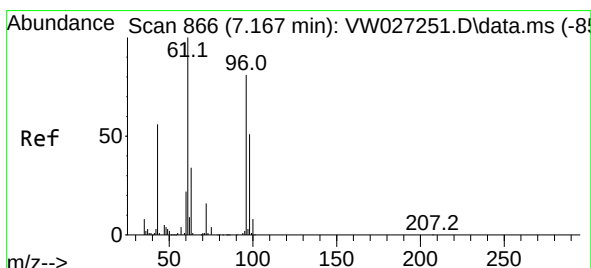
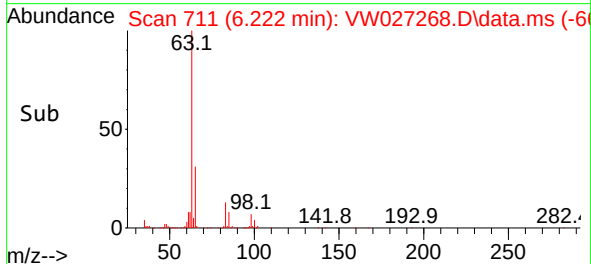
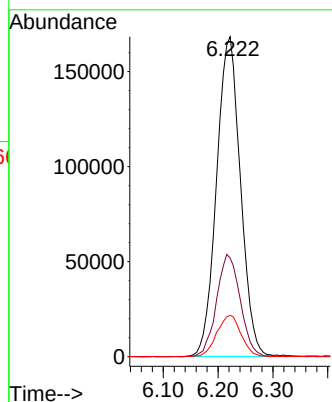
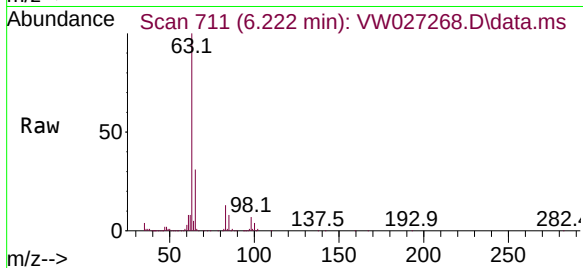
Tgt Ion: 63 Resp: 509842

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 12.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 23.813 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

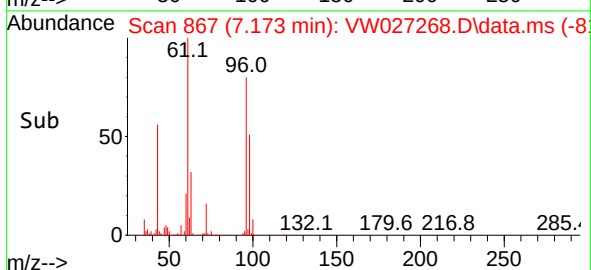
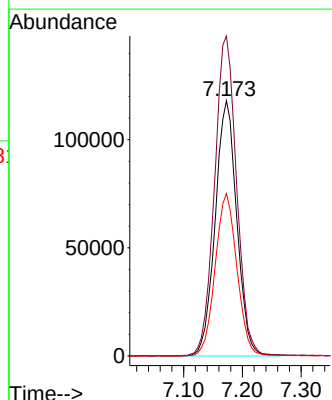
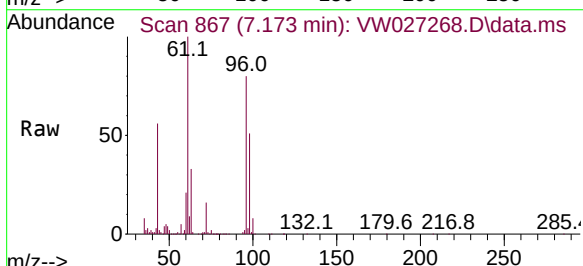
Tgt Ion: 96 Resp: 301323

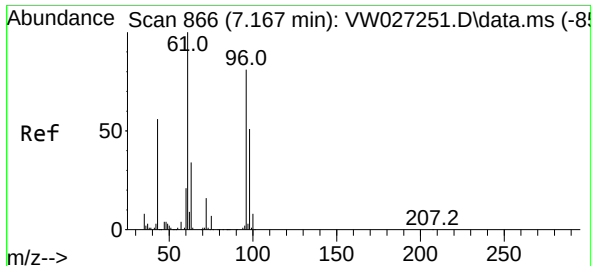
Ion Ratio Lower Upper

96 100

61 125.4 82.7 153.5

98 63.6 43.0 80.0

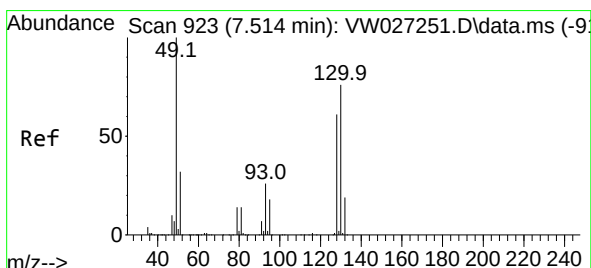
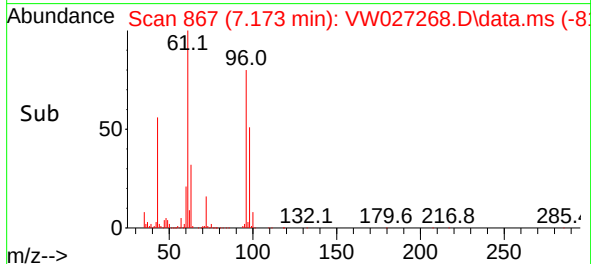
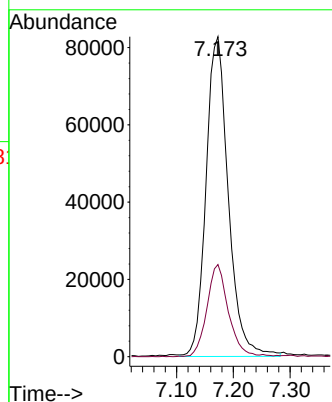
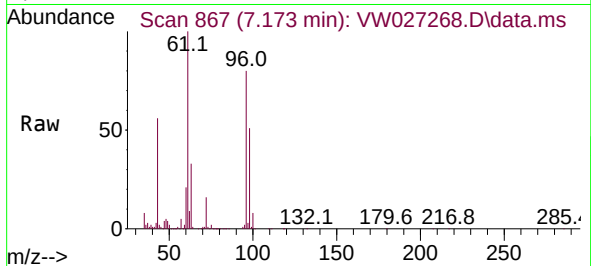




#22
2-Butanone
Concen: 63.816 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

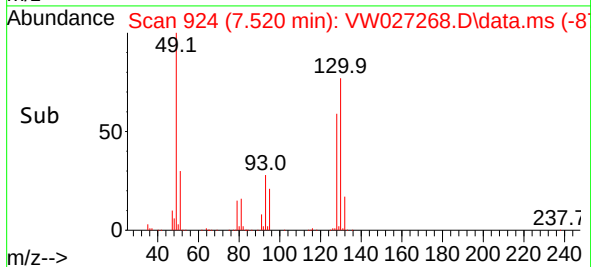
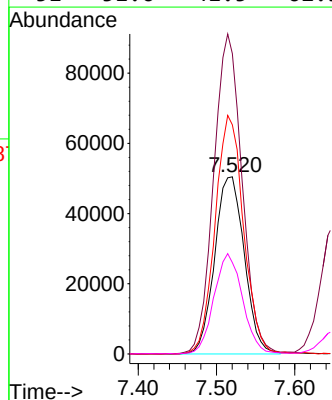
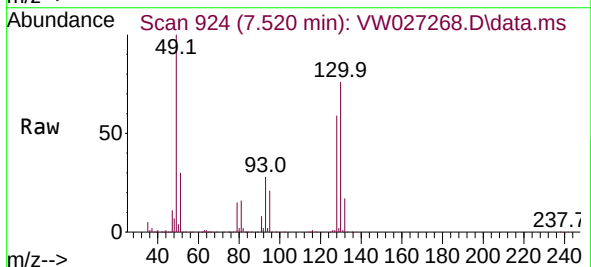
Instrument :
MSVOA_W
ClientSampleId :

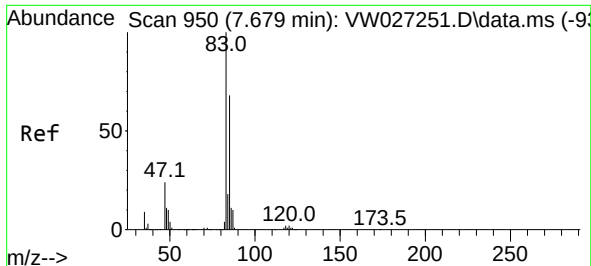
Tgt Ion: 43 Resp: 225902
Ion Ratio Lower Upper
43 100
72 27.6 14.6 44.0



#23
Bromochloromethane
Concen: 22.995 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 128 Resp: 132767
Ion Ratio Lower Upper
128 100
49 169.6 112.1 208.1
130 129.4 83.9 155.7
51 51.6 41.5 62.3

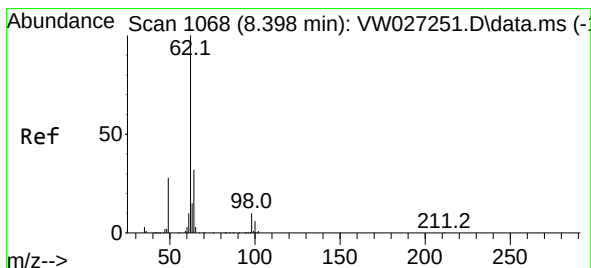
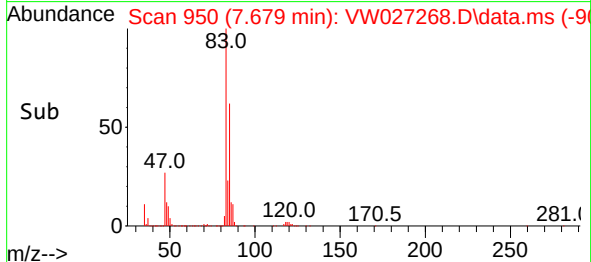
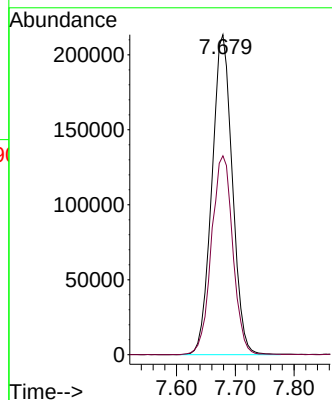
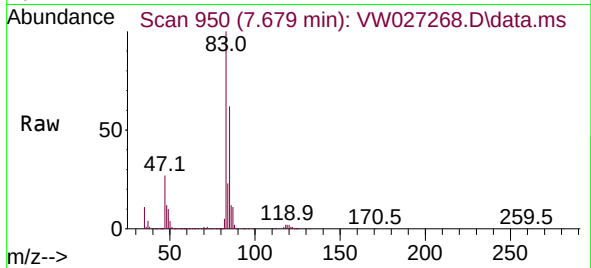




#25
Chloroform
Concen: 23.905 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

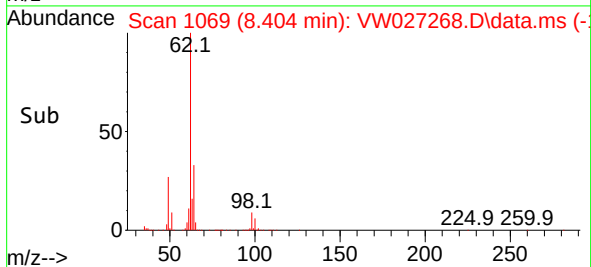
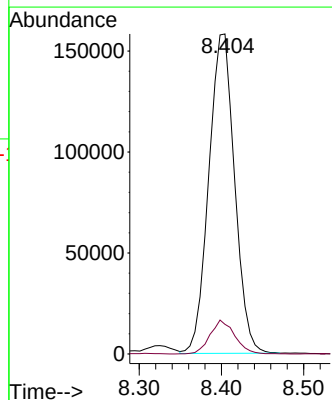
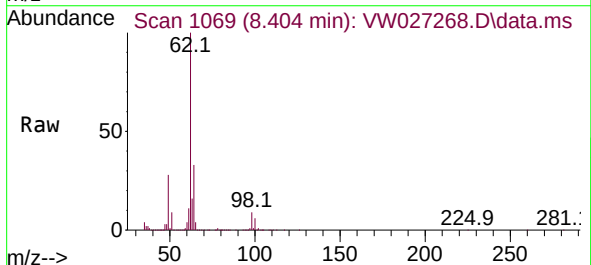
Instrument :
MSVOA_W
ClientSampleId :

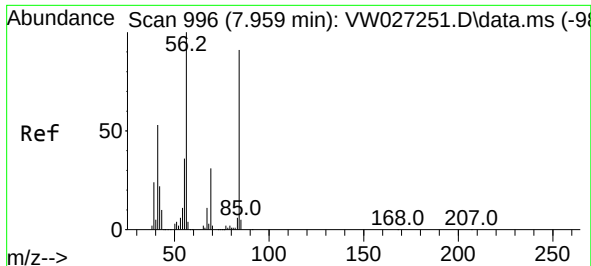
Tgt Ion: 83 Resp: 516140
Ion Ratio Lower Upper
83 100
85 62.2 47.7 88.5



#27
1,2-Dichloroethane
Concen: 26.118 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion: 62 Resp: 345444
Ion Ratio Lower Upper
62 100
98 9.3 7.9 11.9





#29

Cyclohexane

Concen: 21.302 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

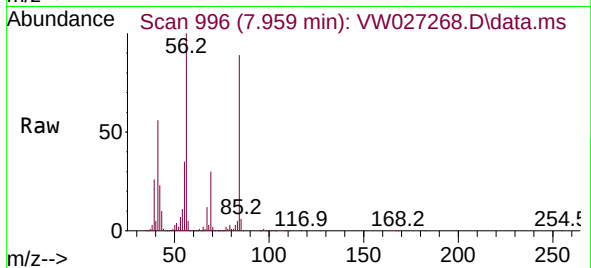
Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :



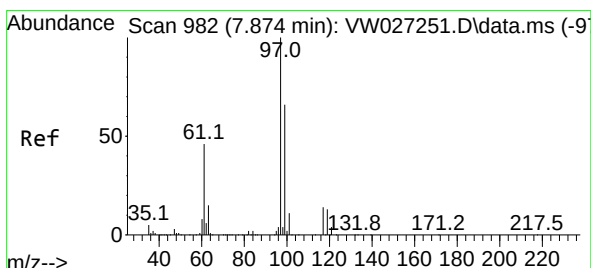
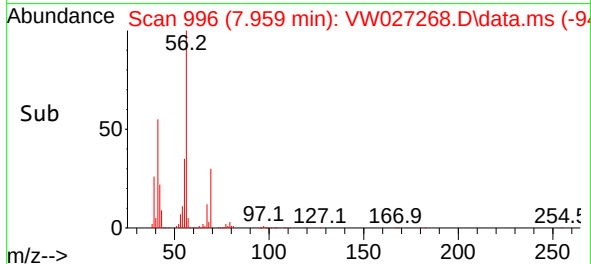
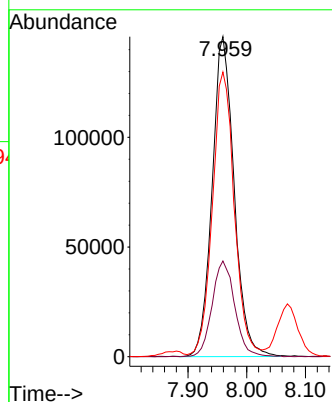
Tgt Ion: 56 Resp: 379575

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 89.0 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 23.776 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

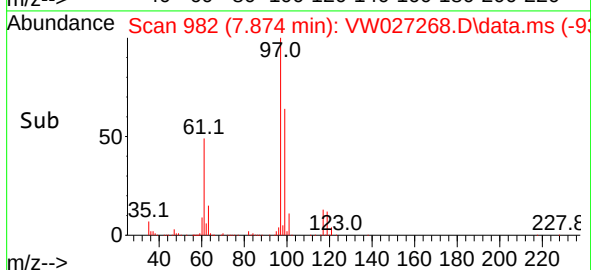
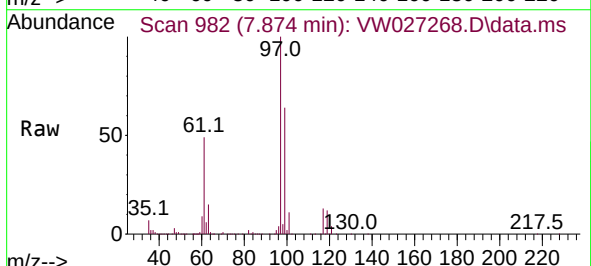
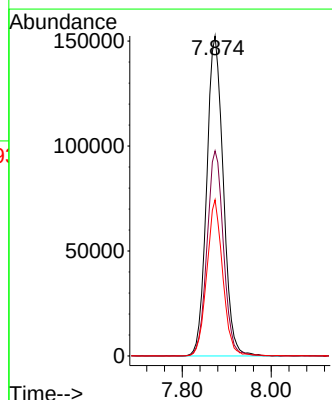
Tgt Ion: 97 Resp: 395863

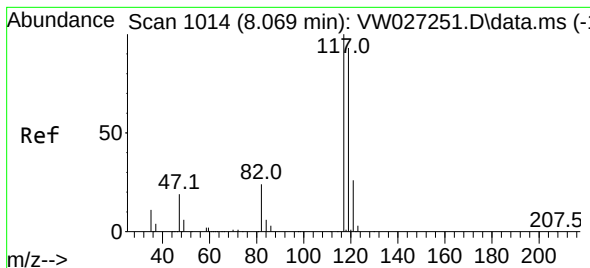
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 46.3 34.6 52.0





#31

Carbon tetrachloride

Concen: 22.332 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

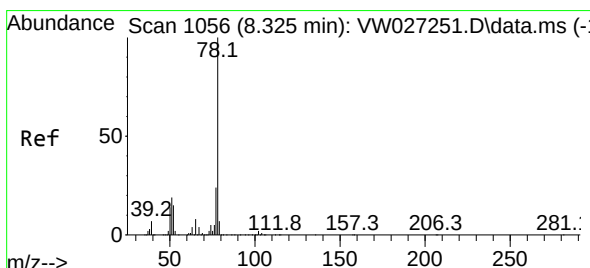
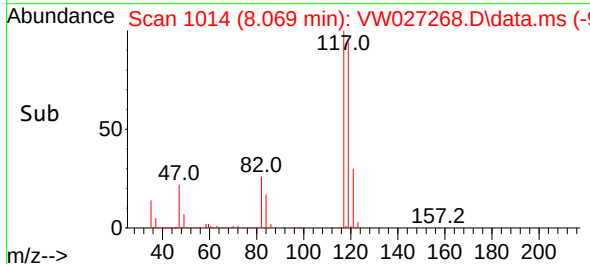
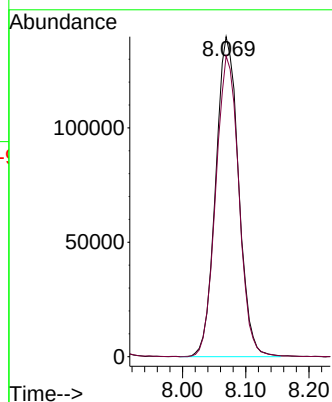
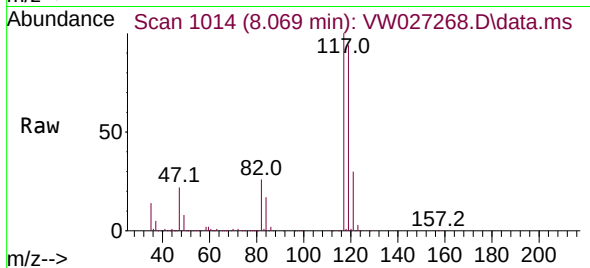
ClientSampleId :

Tgt Ion:117 Resp: 351185

Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.6



#33

Benzene

Concen: 24.373 ug/L

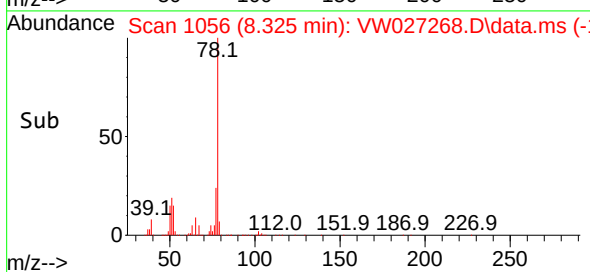
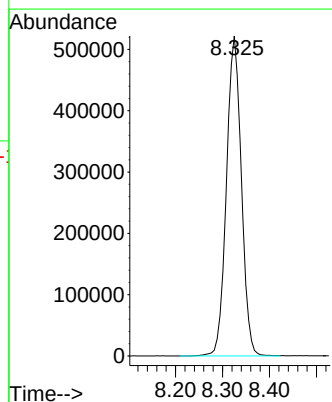
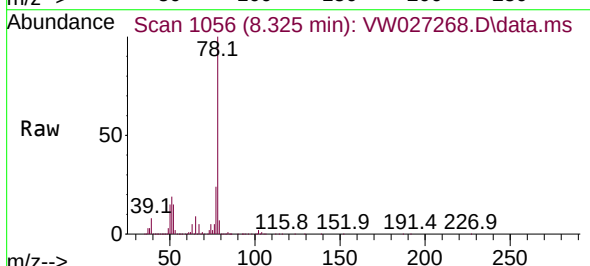
RT: 8.325 min Scan# 1056

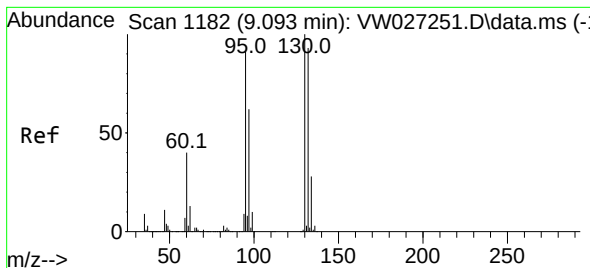
Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Tgt Ion: 78 Resp: 1153778





#34

Trichloroethene

Concen: 96.532 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

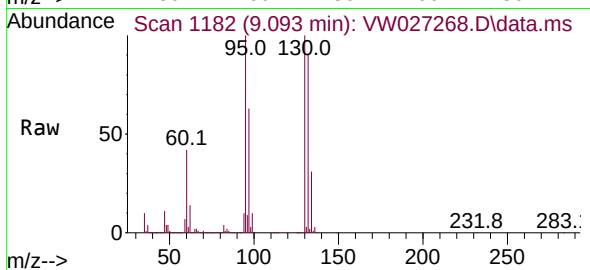
Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 1193327

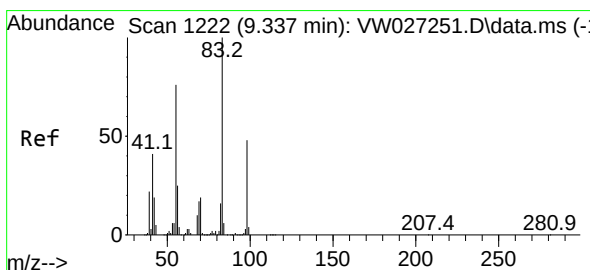
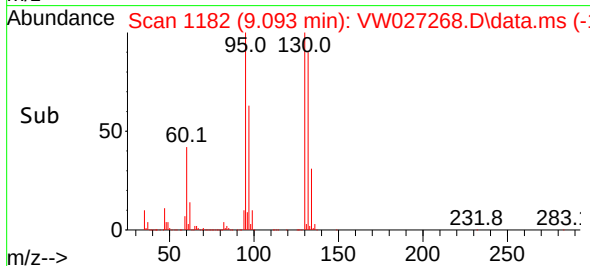
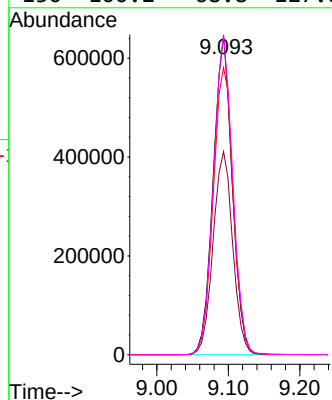
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.7

132 89.9 71.5 132.9

130 100.2 68.8 127.8



#35

Methylcyclohexane

Concen: 19.909 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

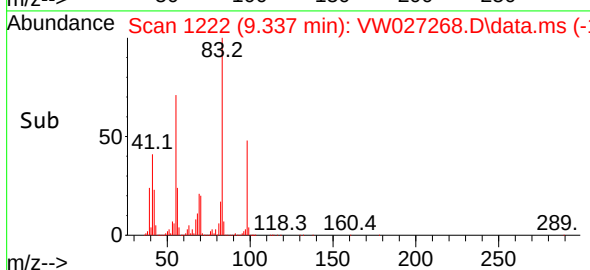
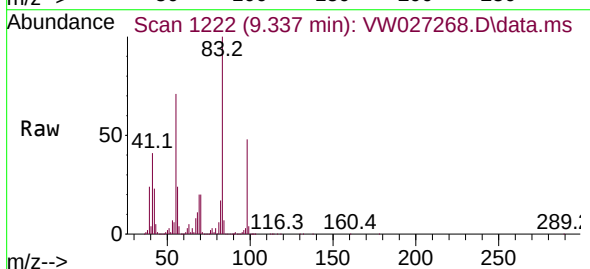
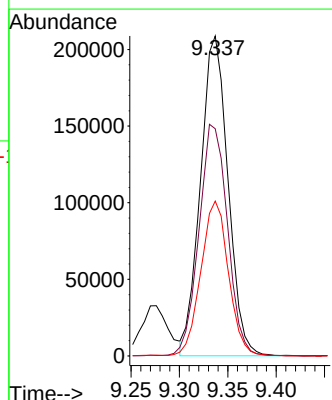
Tgt Ion: 83 Resp: 413951

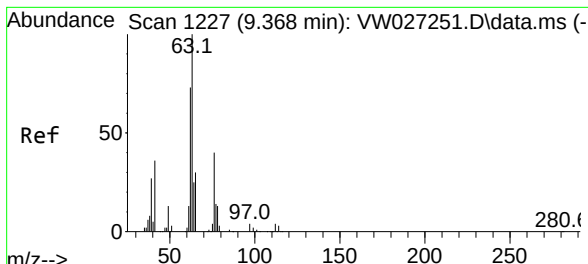
Ion Ratio Lower Upper

83 100

55 74.6 59.1 88.7

98 48.6 38.6 58.0

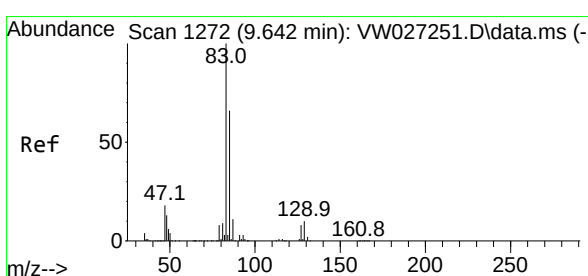
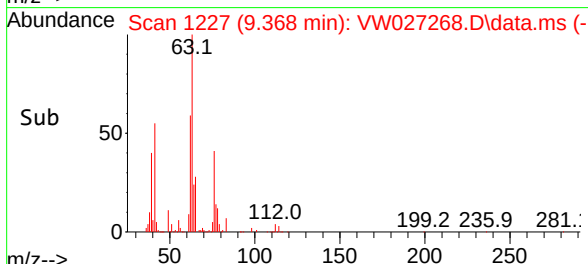
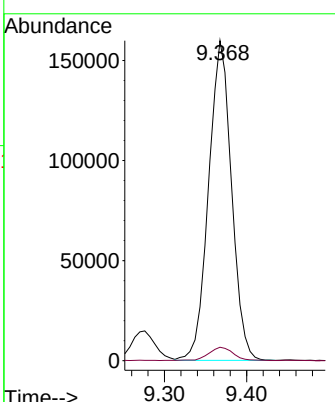
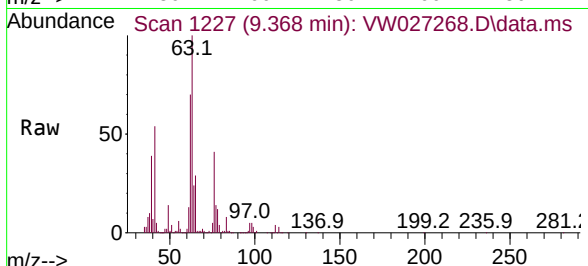




#37
 1,2-Dichloropropane
 Concen: 25.362 ug/L
 RT: 9.368 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

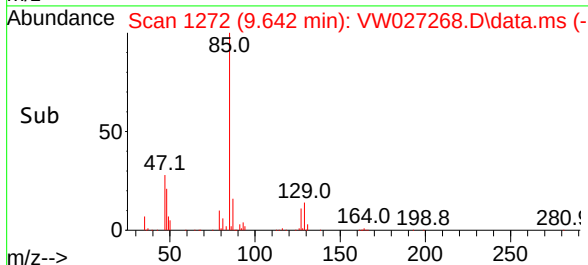
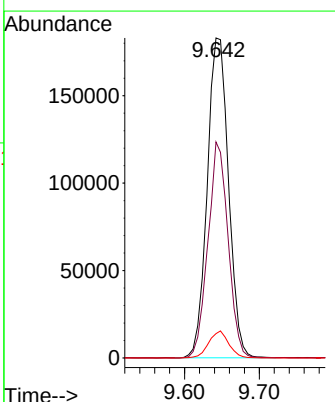
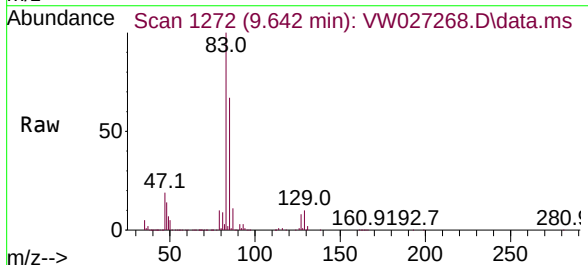
Instrument :
 MSVOA_W
 ClientSampleId :

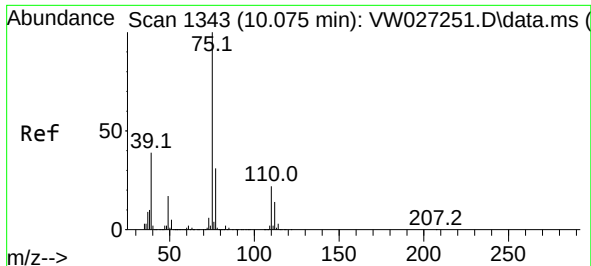
Tgt Ion: 63 Resp: 309354
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.7 5.5



#38
 Bromodichloromethane
 Concen: 24.708 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

Tgt Ion: 83 Resp: 361970
 Ion Ratio Lower Upper
 83 100
 85 67.5 44.7 82.9
 127 7.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.857 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

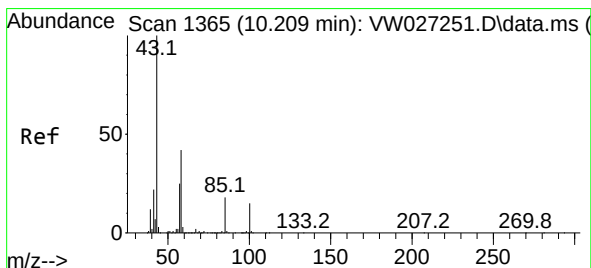
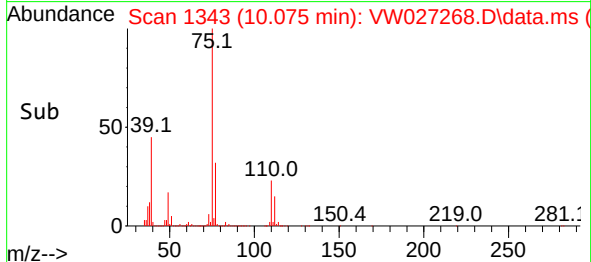
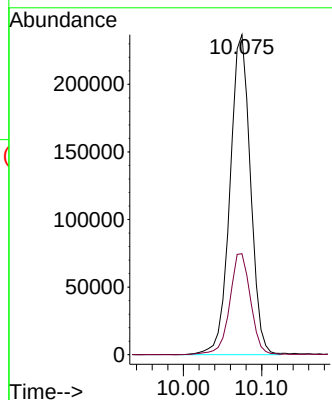
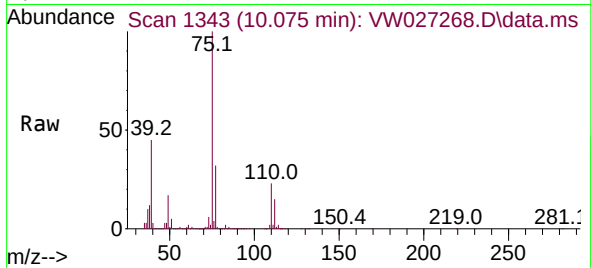
ClientSampleId :

Tgt Ion: 75 Resp: 428765

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 58.602 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

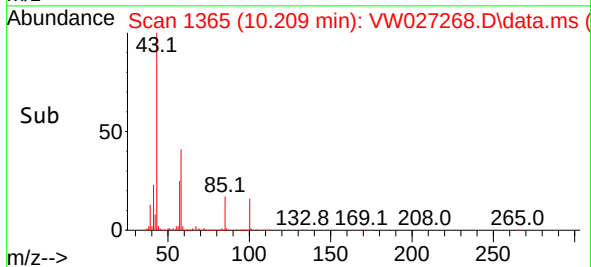
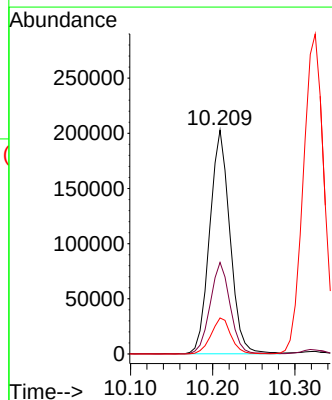
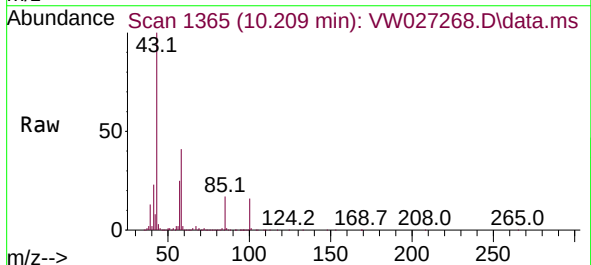
Tgt Ion: 43 Resp: 346779

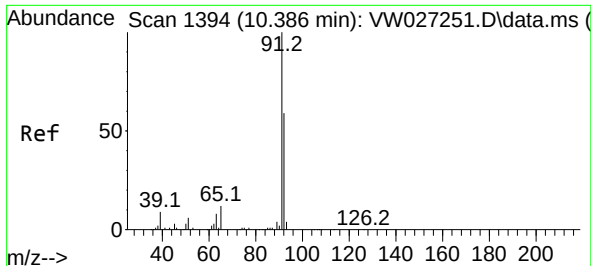
Ion Ratio Lower Upper

43 100

58 40.3 33.8 50.6

100 15.9 13.7 20.5

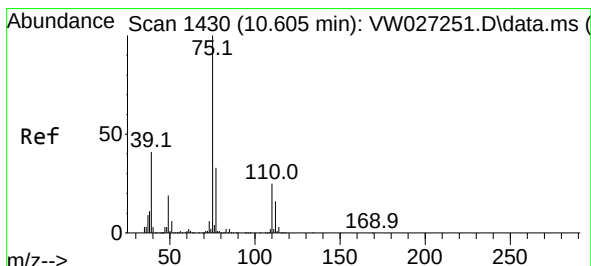
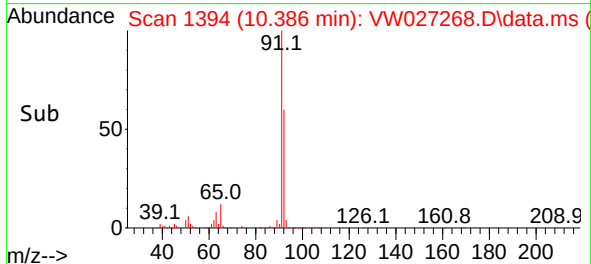
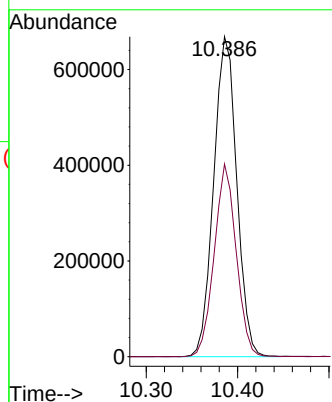
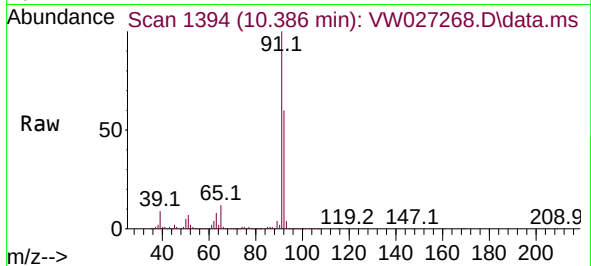




#42
Toluene
Concen: 24.092 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

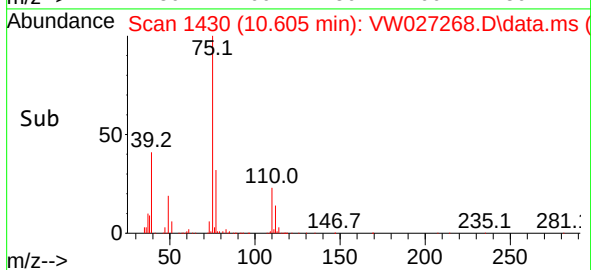
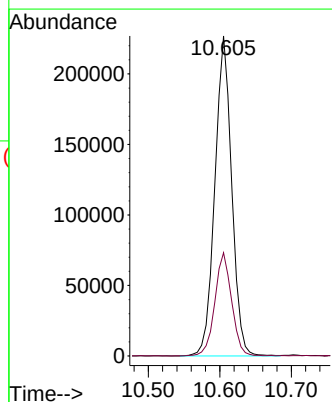
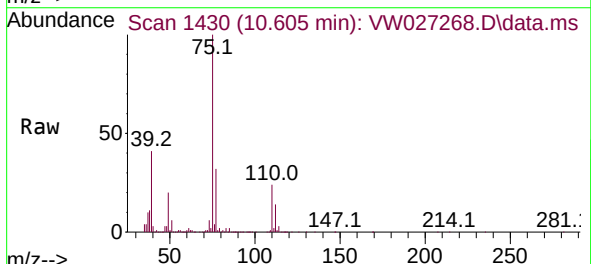
Instrument :
MSVOA_W
ClientSampleId :

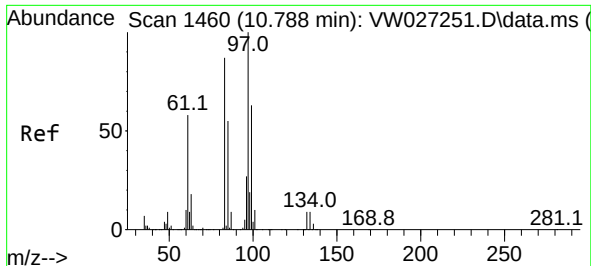
Tgt Ion: 91 Resp: 1171211
Ion Ratio Lower Upper
91 100
92 60.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 25.162 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

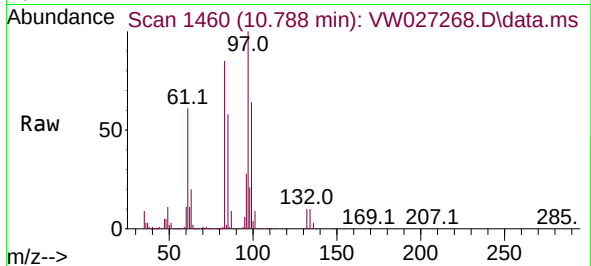
Tgt Ion: 75 Resp: 370624
Ion Ratio Lower Upper
75 100
77 32.3 21.6 40.2



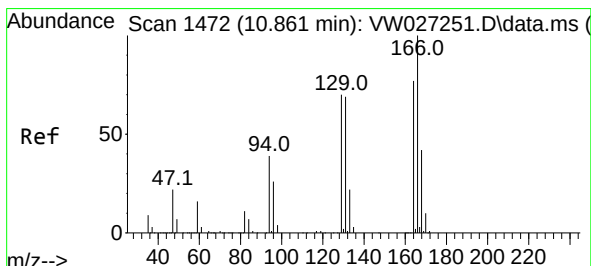
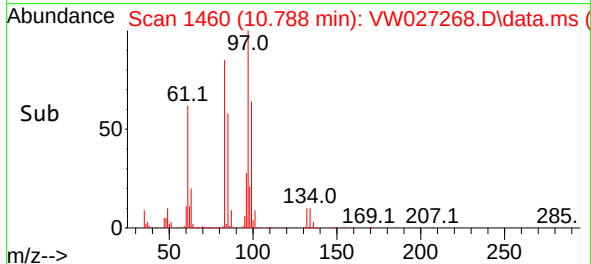
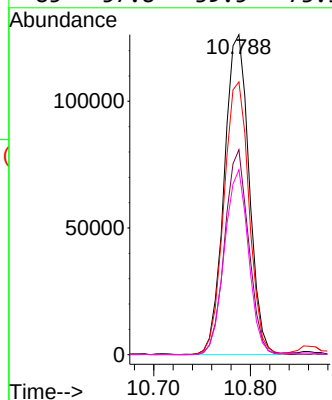


#45
1,1,2-Trichloroethane
Concen: 25.550 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Instrument :
MSVOA_W
ClientSampleId :

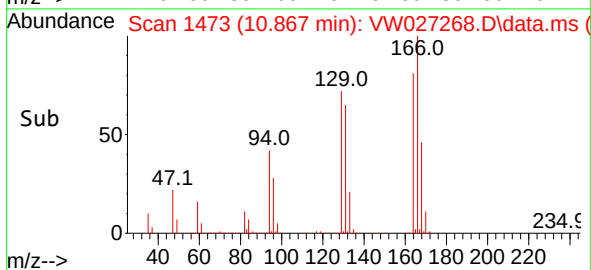
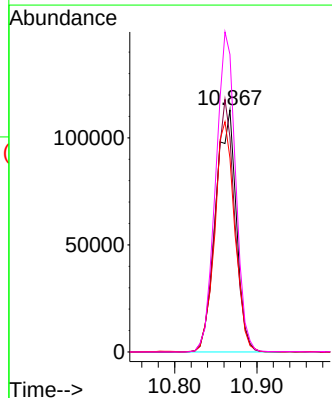
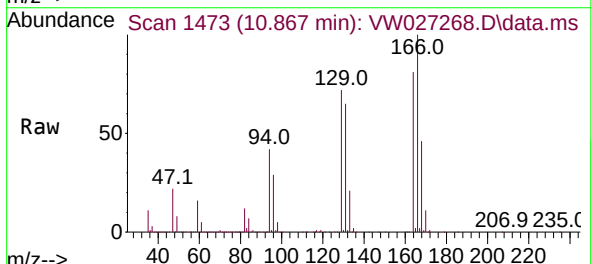


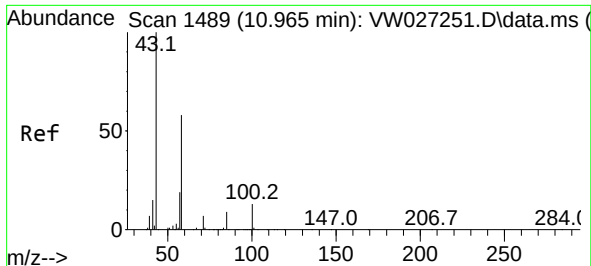
Tgt Ion:	97	Resp:	225533
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.3	84.1
83	85.3	59.5	110.5
85	57.8	39.5	73.3



#46
Tetrachloroethene
Concen: 20.229 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

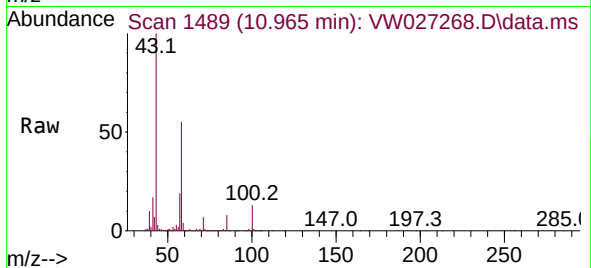
Tgt Ion:	164	Resp:	196578
Ion	Ratio	Lower	Upper
164	100		
129	88.6	60.3	112.1
131	80.0	66.1	122.7
166	122.9	89.4	166.0



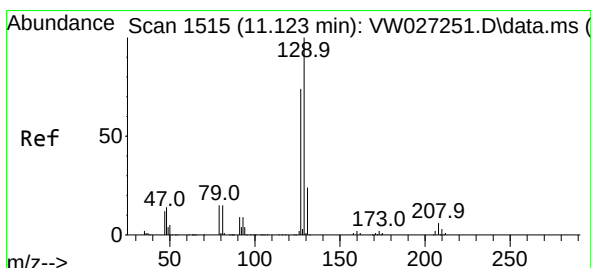
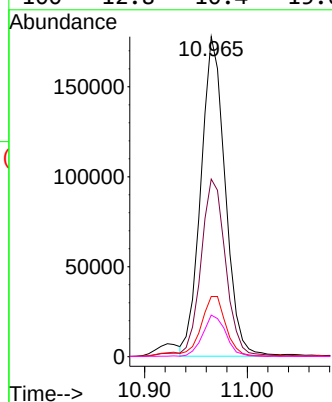
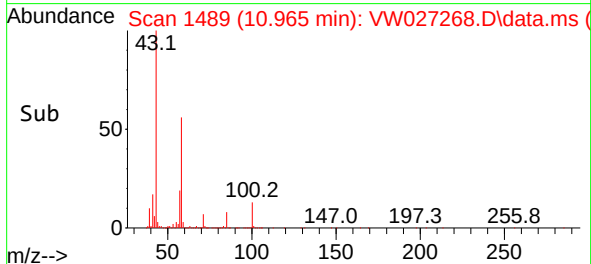


#48
2-Hexanone
Concen: 63.059 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

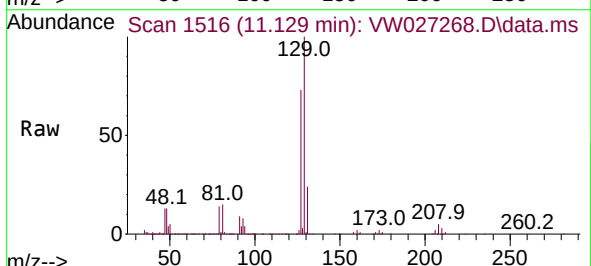
Instrument :
MSVOA_W
ClientSampleId :



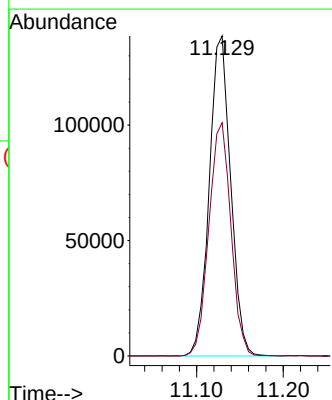
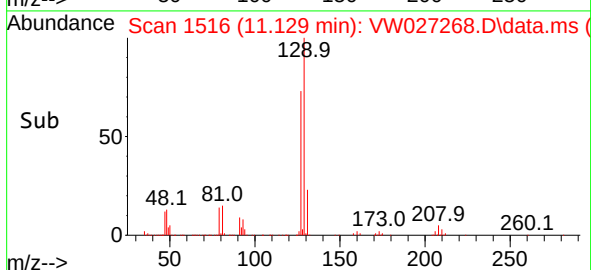
Tgt Ion: 43 Resp: 292535
Ion Ratio Lower Upper
43 100
58 55.6 47.2 70.8
57 19.1 15.9 23.9
100 12.8 10.4 15.6

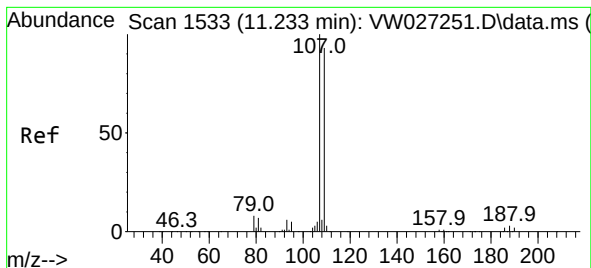


#49
Dibromochloromethane
Concen: 24.818 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23



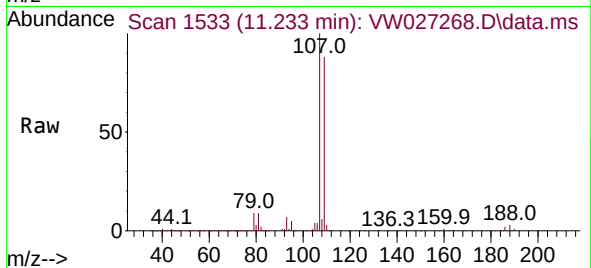
Tgt Ion: 129 Resp: 237587
Ion Ratio Lower Upper
129 100
127 72.9 54.2 100.6



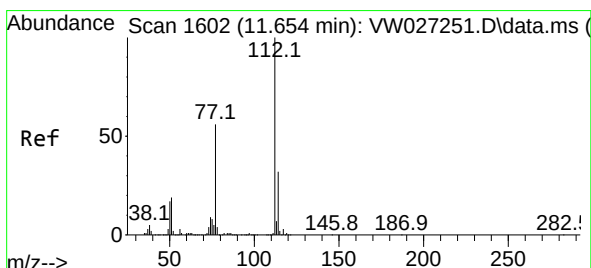
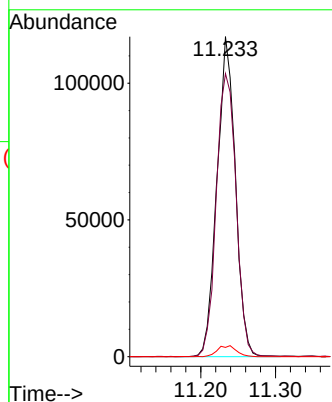
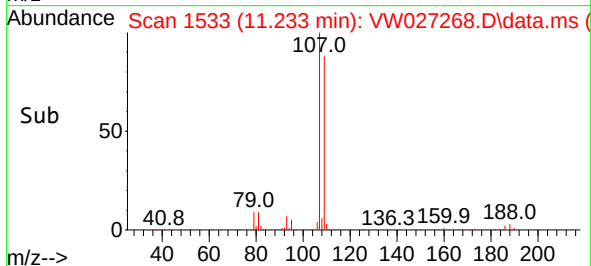


#50
1,2-Dibromoethane
Concen: 24.457 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

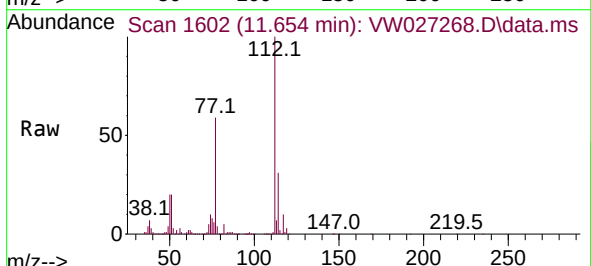
Instrument :
MSVOA_W
ClientSampleId :



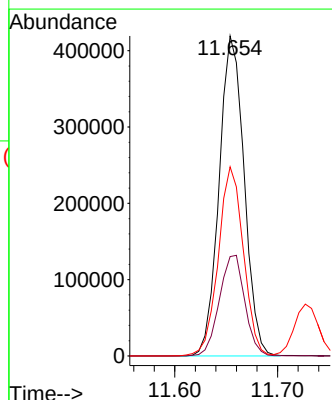
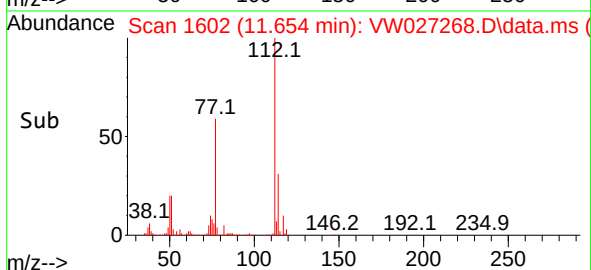
Tgt Ion:107 Resp: 200324
Ion Ratio Lower Upper
107 100
109 88.5 68.2 126.6
188 2.9 2.6 4.0

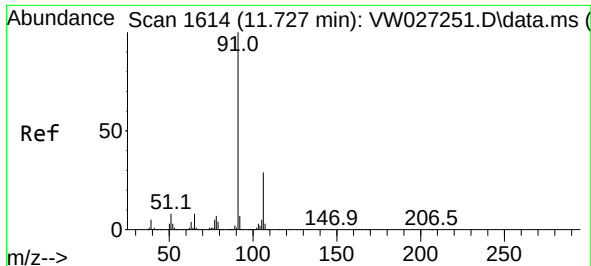


#51
Chlorobenzene
Concen: 21.966 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23



Tgt Ion:112 Resp: 708639
Ion Ratio Lower Upper
112 100
114 31.1 21.9 40.7
77 59.1 47.4 71.0

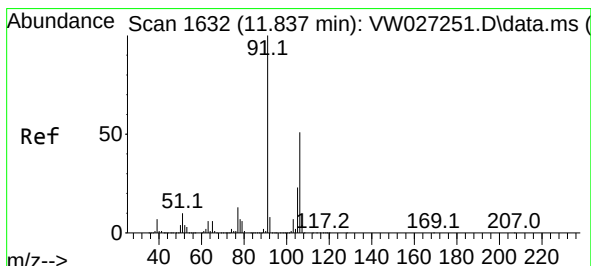
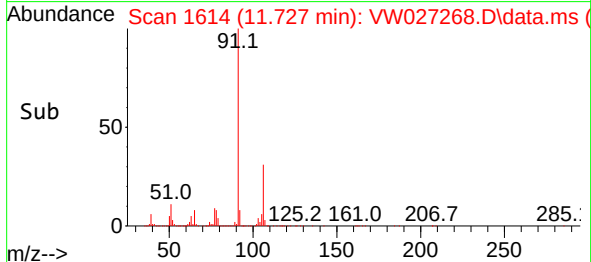
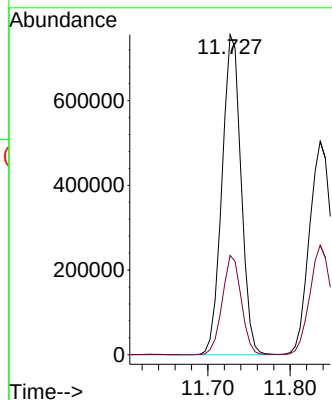
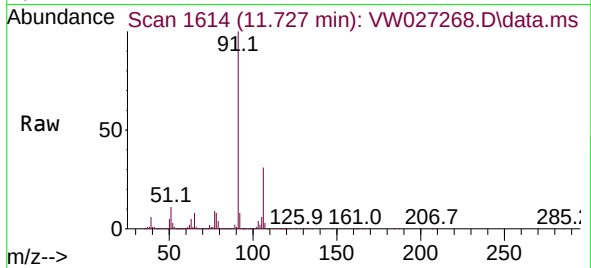




#52
Ethylbenzene
Concen: 22.275 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

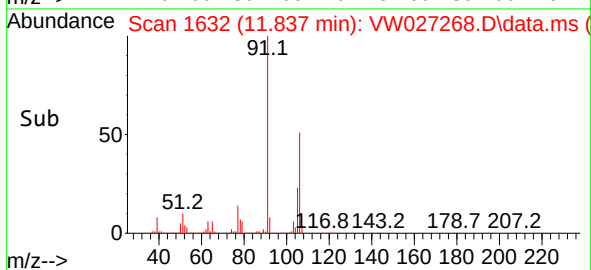
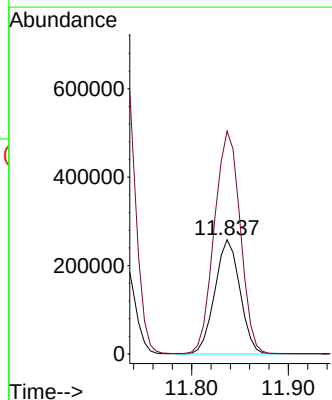
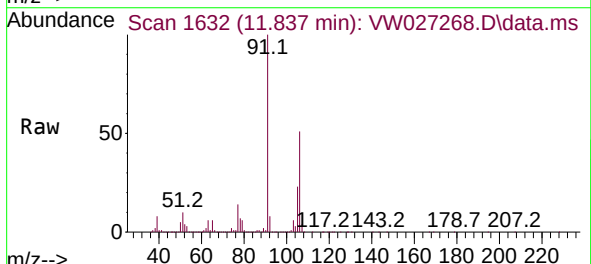
Instrument :
MSVOA_W
ClientSampleId :

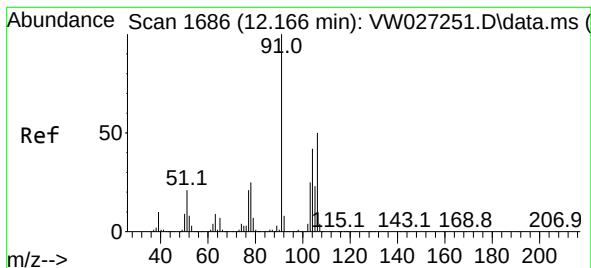
Tgt Ion: 91 Resp: 1216561
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 22.265 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion:106 Resp: 466257
Ion Ratio Lower Upper
106 100
91 194.8 145.9 270.9

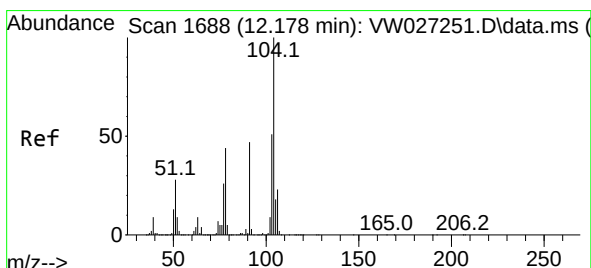
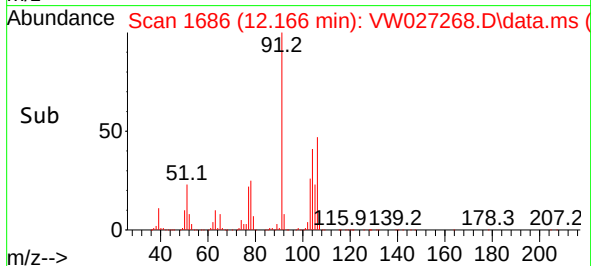
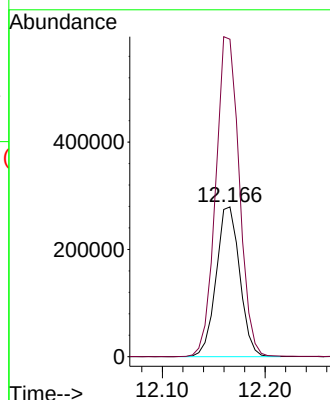
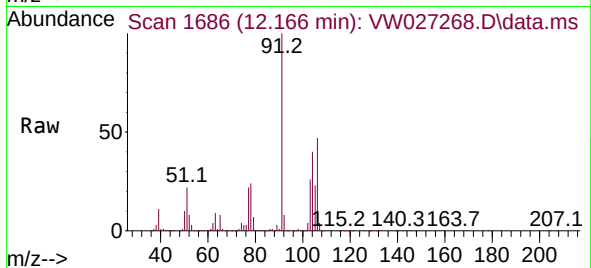




#54
o-Xylene
Concen: 22.695 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

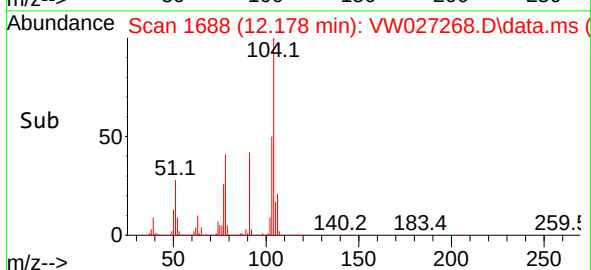
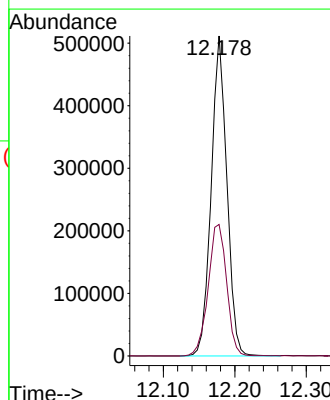
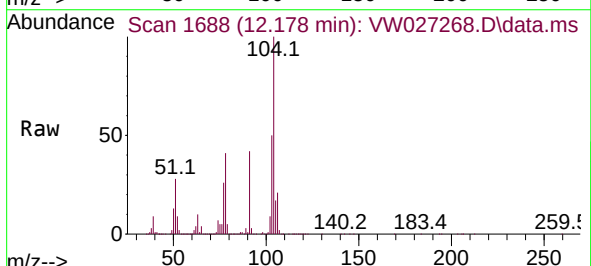
Instrument :
MSVOA_W
ClientSampleId :

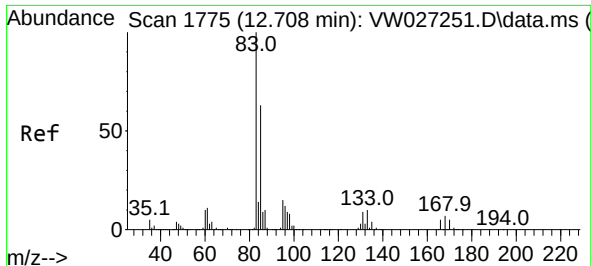
Tgt Ion:106 Resp: 443976
Ion Ratio Lower Upper
106 100
91 212.0 149.5 277.7



#55
Styrene
Concen: 23.085 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027268.D
Acq: 06 Oct 2023 17:23

Tgt Ion:104 Resp: 777397
Ion Ratio Lower Upper
104 100
78 41.1 30.1 55.9





#57

1,1,2-Tetrachloroethane

Concen: 24.319 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

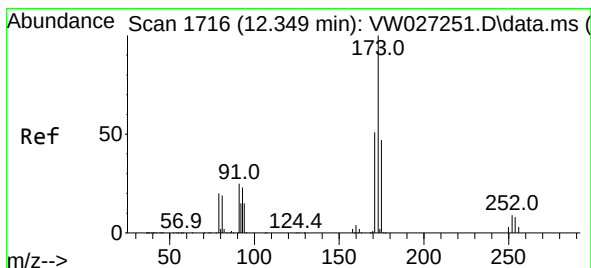
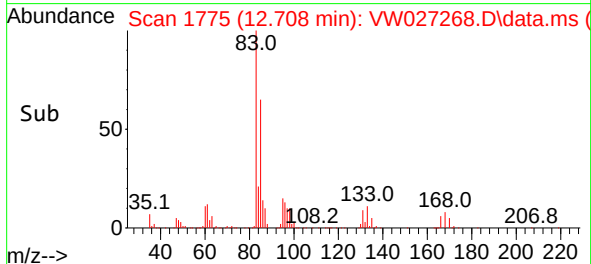
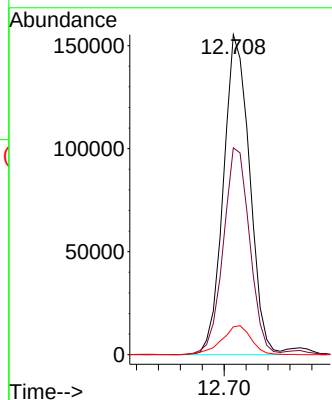
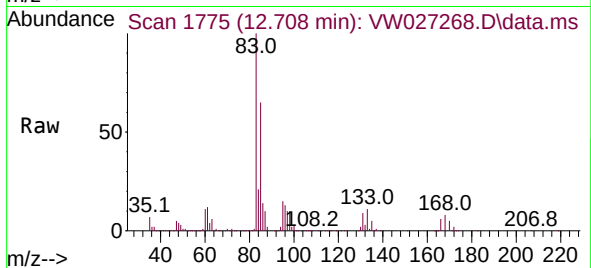
Tgt Ion: 83 Resp: 257483

Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.7

131 8.7 7.6 11.4



#59

Bromoform

Concen: 25.368 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

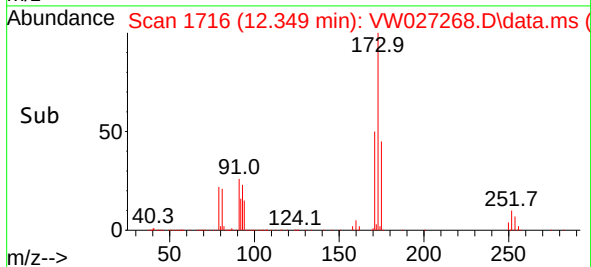
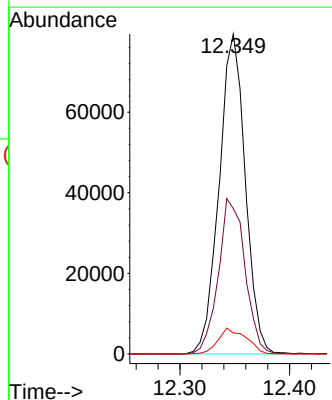
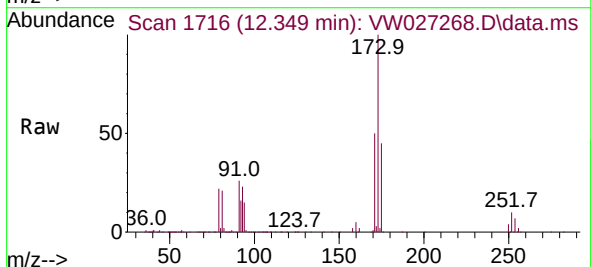
Tgt Ion: 173 Resp: 131726

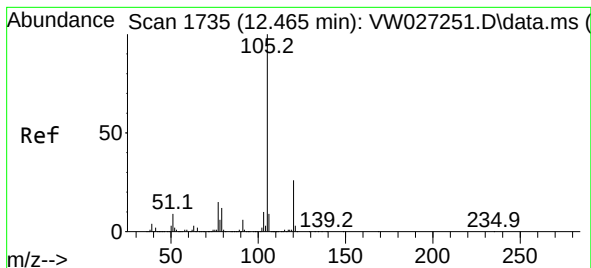
Ion Ratio Lower Upper

173 100

175 49.4 37.1 55.7

254 8.7 7.2 10.8





#60

Isopropylbenzene

Concen: 23.488 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

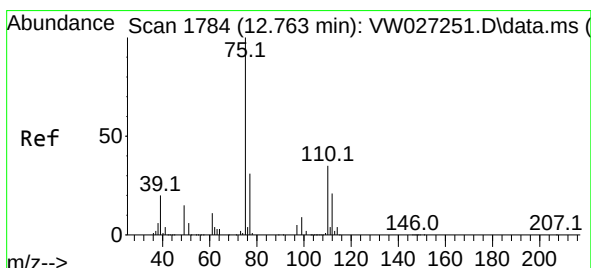
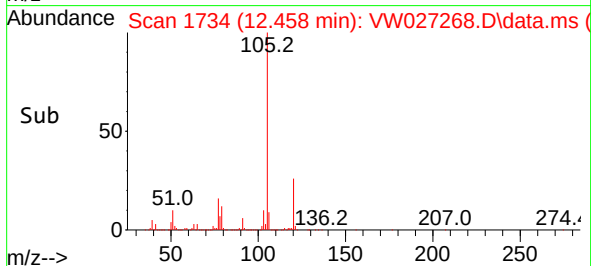
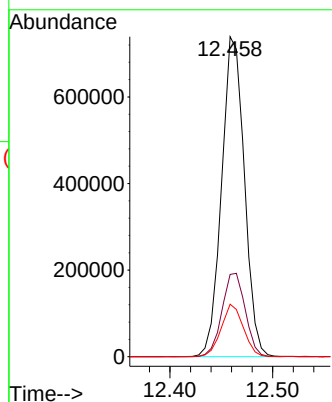
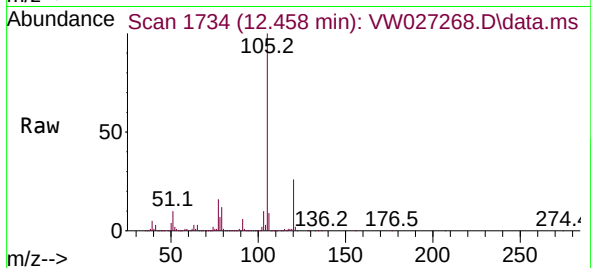
Tgt Ion:105 Resp: 1137306

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.6

77 15.9 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 27.483 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

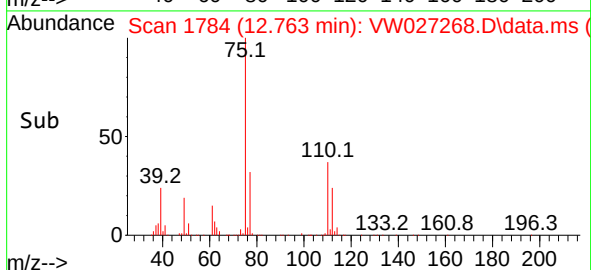
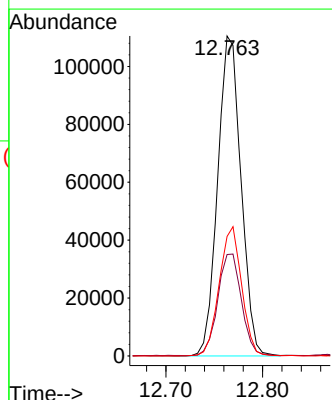
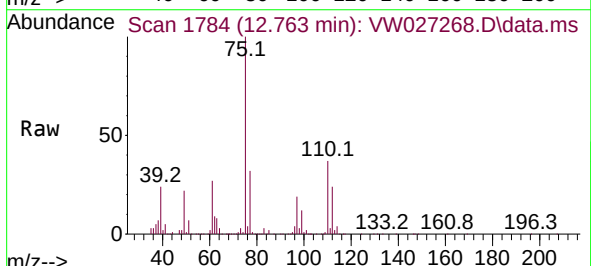
Tgt Ion: 75 Resp: 185025

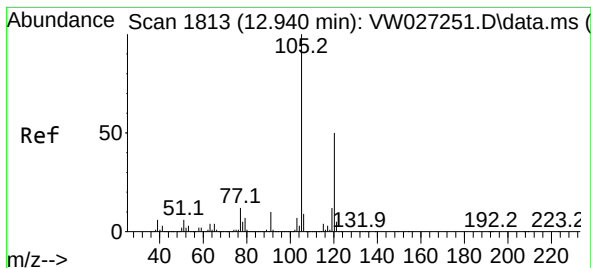
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 38.9 31.2 46.8

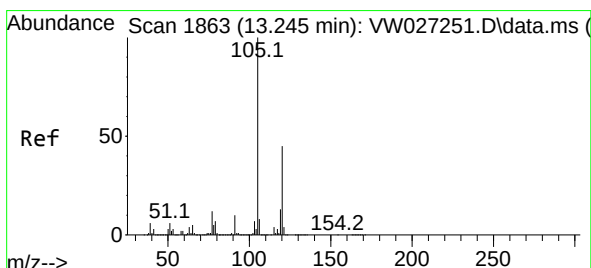
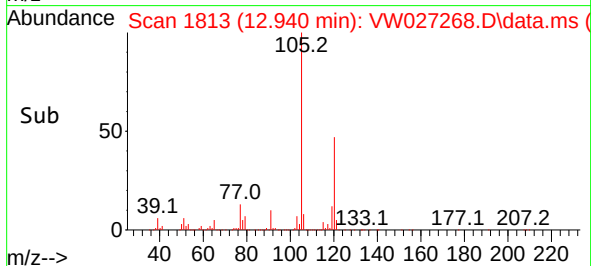
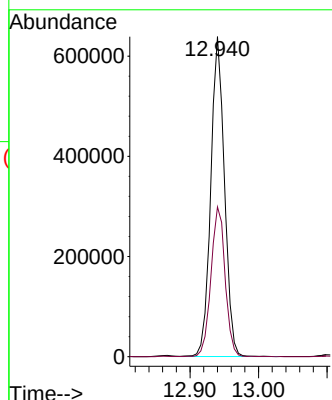
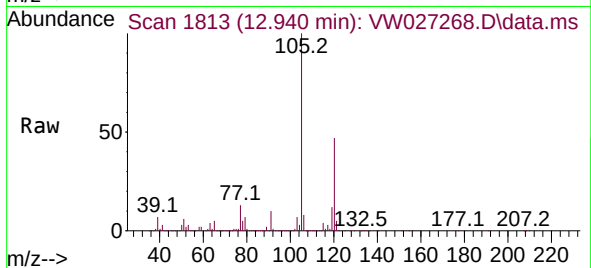




#62
 1,3,5-Trimethylbenzene
 Concen: 23.406 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

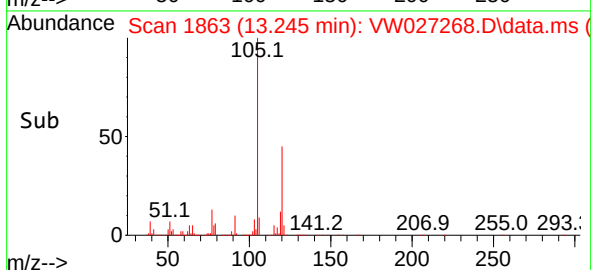
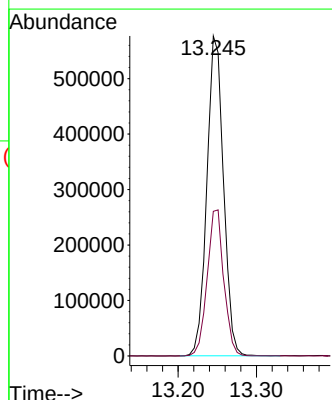
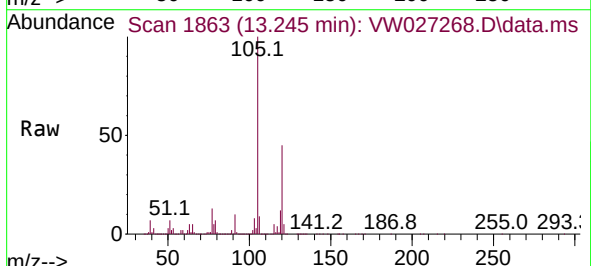
Instrument :
 MSVOA_W
 ClientSampleId :

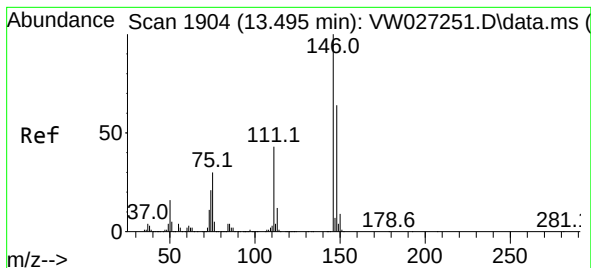
Tgt Ion:105 Resp: 888599
 Ion Ratio Lower Upper
 105 100
 120 48.4 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 22.790 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027268.D
 Acq: 06 Oct 2023 17:23

Tgt Ion:105 Resp: 847885
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 20.389 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

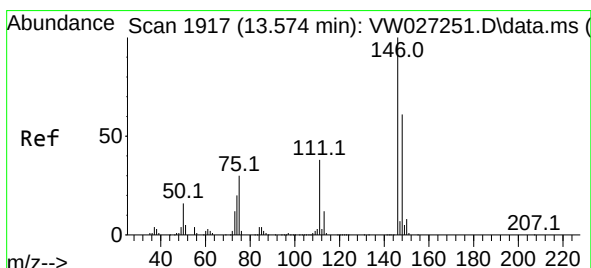
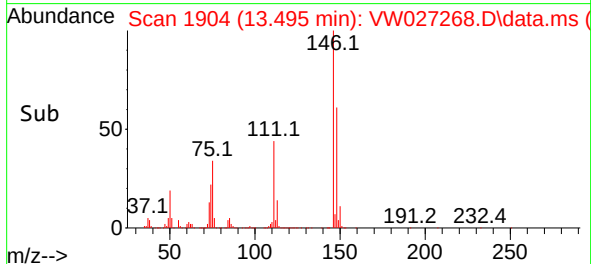
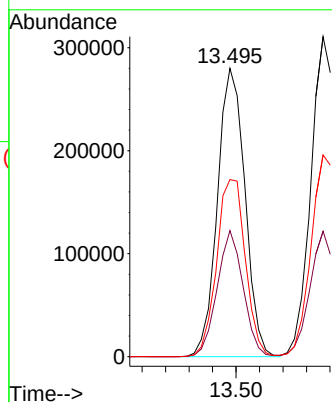
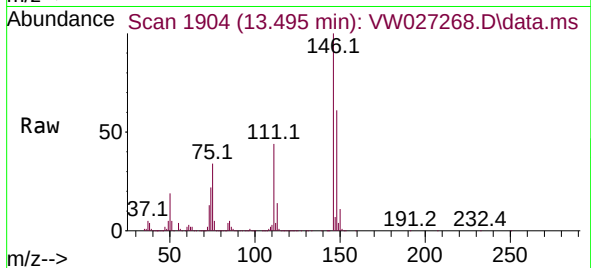
Tgt Ion:146 Resp: 455655

Ion Ratio Lower Upper

146 100

111 43.7 26.9 50.1

148 61.4 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 21.710 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

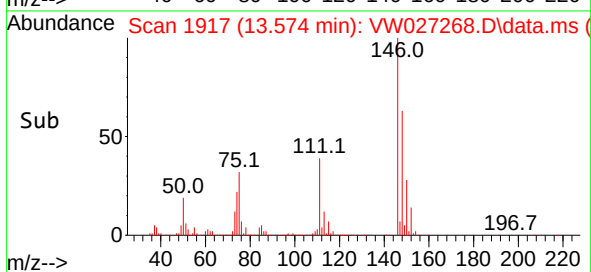
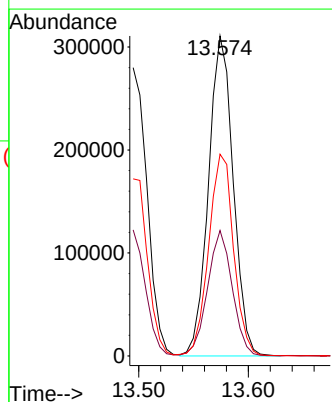
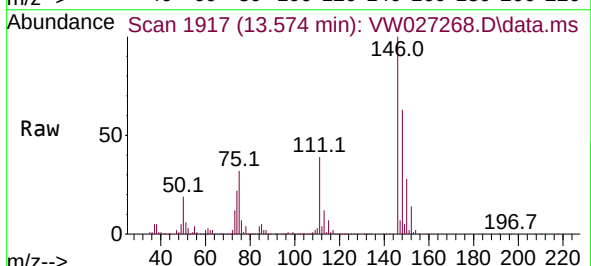
Tgt Ion:146 Resp: 487465

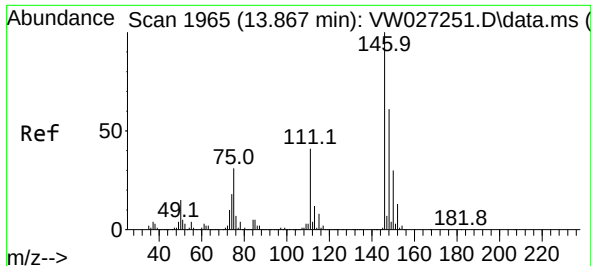
Ion Ratio Lower Upper

146 100

111 39.2 26.9 50.1

148 63.0 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 22.523 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

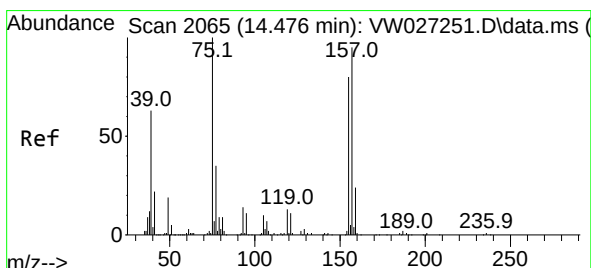
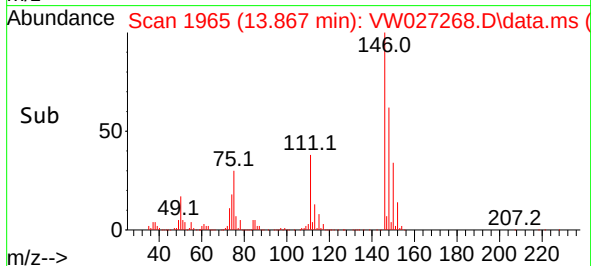
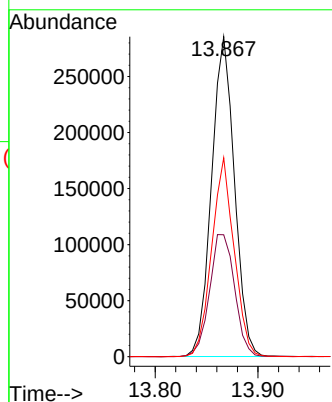
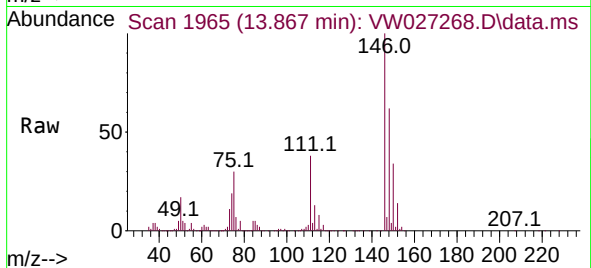
Tgt Ion:146 Resp: 441188

Ion Ratio Lower Upper

146 100

111 38.1 35.6 53.4

148 62.1 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.962 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

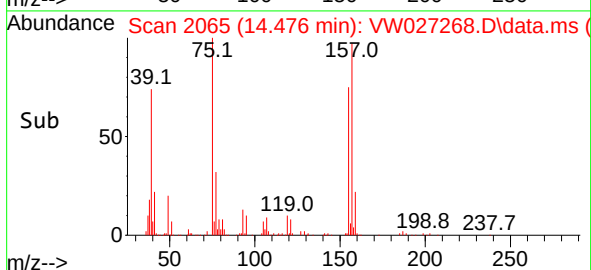
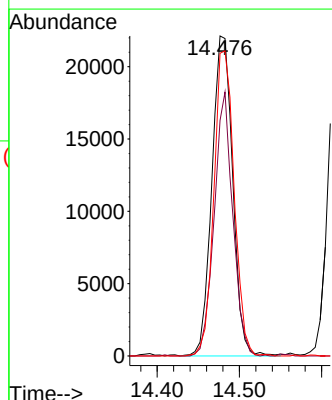
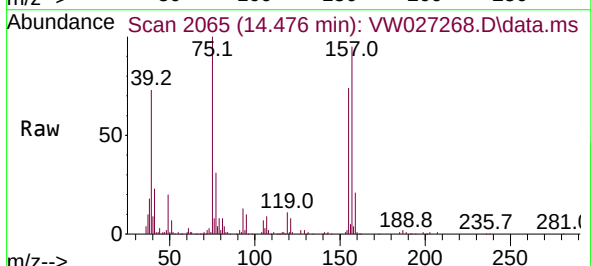
Tgt Ion: 75 Resp: 38881

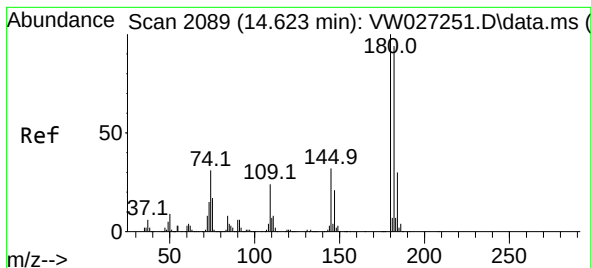
Ion Ratio Lower Upper

75 100

155 73.6 56.5 84.7

157 94.6 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 16.397 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

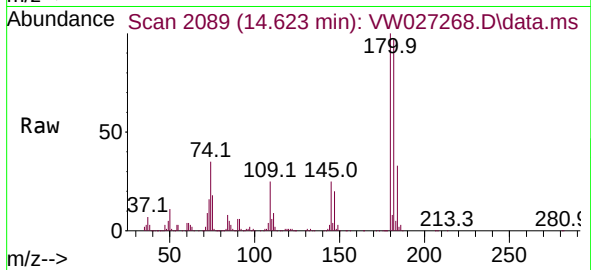
Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 235969

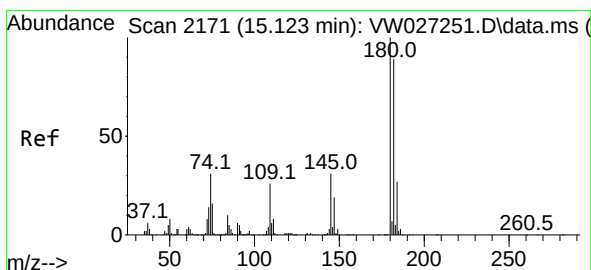
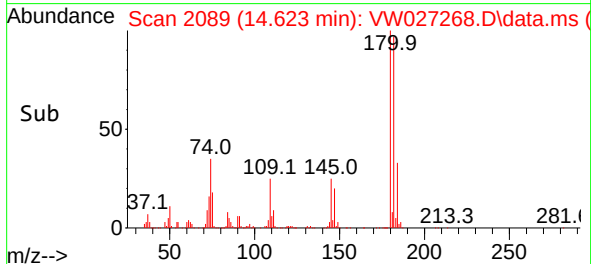
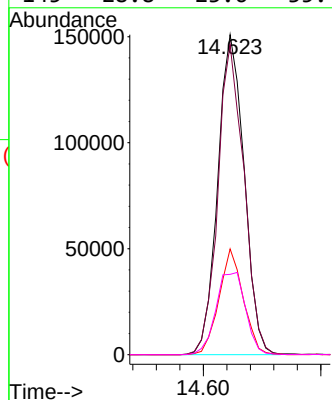
Ion Ratio Lower Upper

180 100

182 95.4 70.2 105.2

184 30.4 24.6 37.0

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 15.022 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

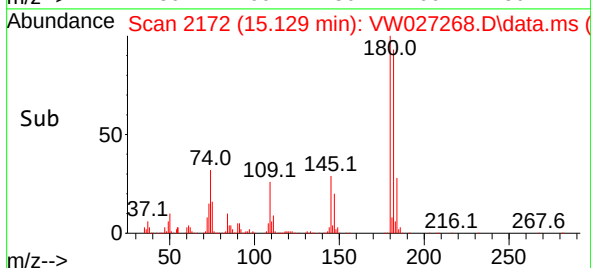
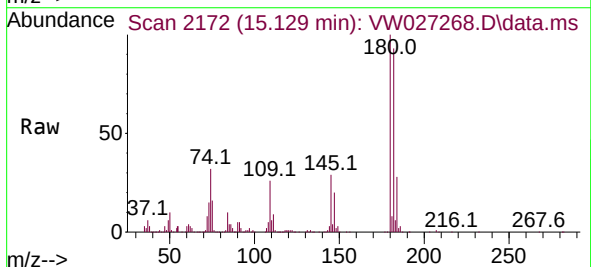
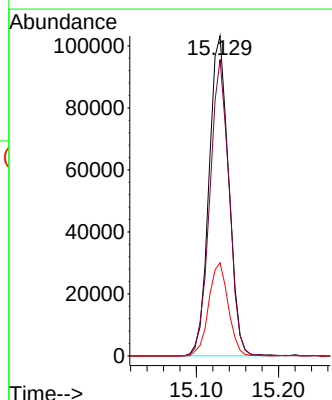
Tgt Ion:180 Resp: 170556

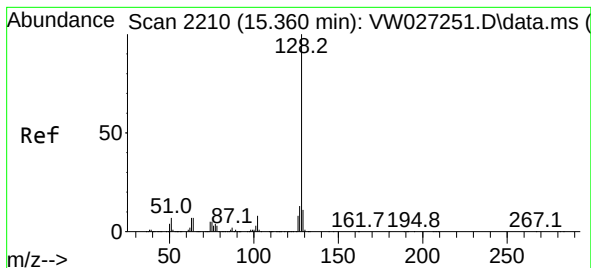
Ion Ratio Lower Upper

180 100

182 91.3 77.4 116.2

145 29.1 24.3 36.5





#71

Naphthalene

Concen: 19.581 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Instrument :

MSVOA_W

ClientSampleId :

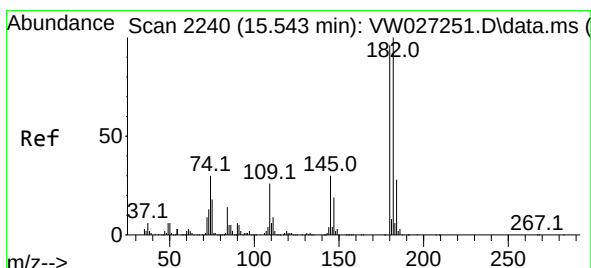
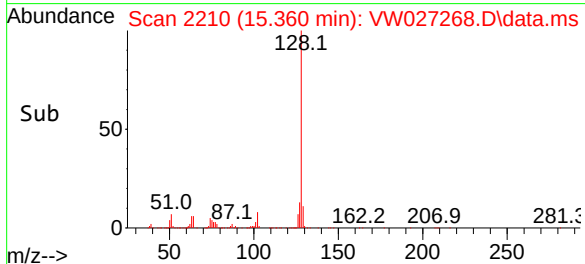
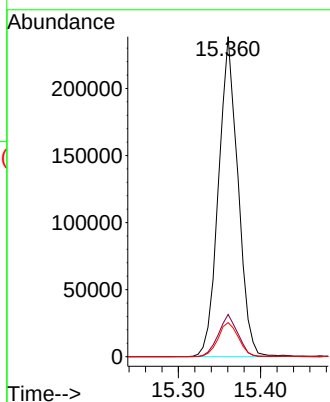
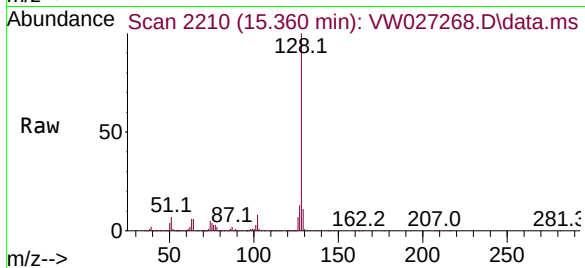
Tgt Ion:128 Resp: 392253

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 15.159 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027268.D

Acq: 06 Oct 2023 17:23

Tgt Ion:180 Resp: 152773

Ion Ratio Lower Upper

180 100

182 92.9 74.7 112.1

145 33.3 26.4 39.6

