

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027267.D
 Acq On : 06 Oct 2023 16:58
 Operator : SY/MD
 Sample : 04771-12MS
 Misc : 3.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 00:26:00 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	865268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	765070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	224144	16.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.960%
7) Chloroethane-d5	3.167	69	313	0.029	ug/L	0.27
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	4.027	65	102456	18.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.075	46	143111	50.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.840%
24) Chloroform-d	7.648	84	506644	20.007	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.040%
26) 1,2-Dichloroethane-d4	8.307	65	269841	22.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.276	84	984143	20.989	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	9.270	67	307374	21.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.600%
41) Toluene-d8	10.325	98	825651	19.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	10.575	79	118466	21.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.922	63	119367	55.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244121	22.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	193438	17.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.680%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	288784	25.685	ug/L	98
3) Chloromethane	2.228	50	327805	21.600	ug/L	99
5) Vinyl chloride	2.381	62	345732	20.865	ug/L	98
6) Bromomethane	2.789	94	251863	23.072	ug/L	99
8) Chloroethane	2.936	64	248738	24.735	ug/L	98
9) Trichlorofluoromethane	3.265	101	250432	17.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	297765	21.251	ug/L	98
12) 1,1-Dichloroethene	4.051	96	292703	21.866	ug/L	94
13) Acetone	4.118	43	258682	74.487	ug/L	95
14) Carbon disulfide	4.399	76	889239	19.792	ug/L	99
15) Methyl Acetate	4.667	43	156128	26.823	ug/L	98
16) Methylene chloride	4.923	84	365855	21.599	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	319028	22.150	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	452969	25.131	ug/L	98
19) 1,1-Dichloroethane	6.216	63	628320	23.392	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	364274	23.726	ug/L	96
22) 2-Butanone	7.167	43	294700	68.613	ug/L	97
23) Bromochloromethane	7.520	128	162746	23.231	ug/L	96
25) Chloroform	7.679	83	634203	24.208	ug/L	95

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 Response via : Initial Calibration

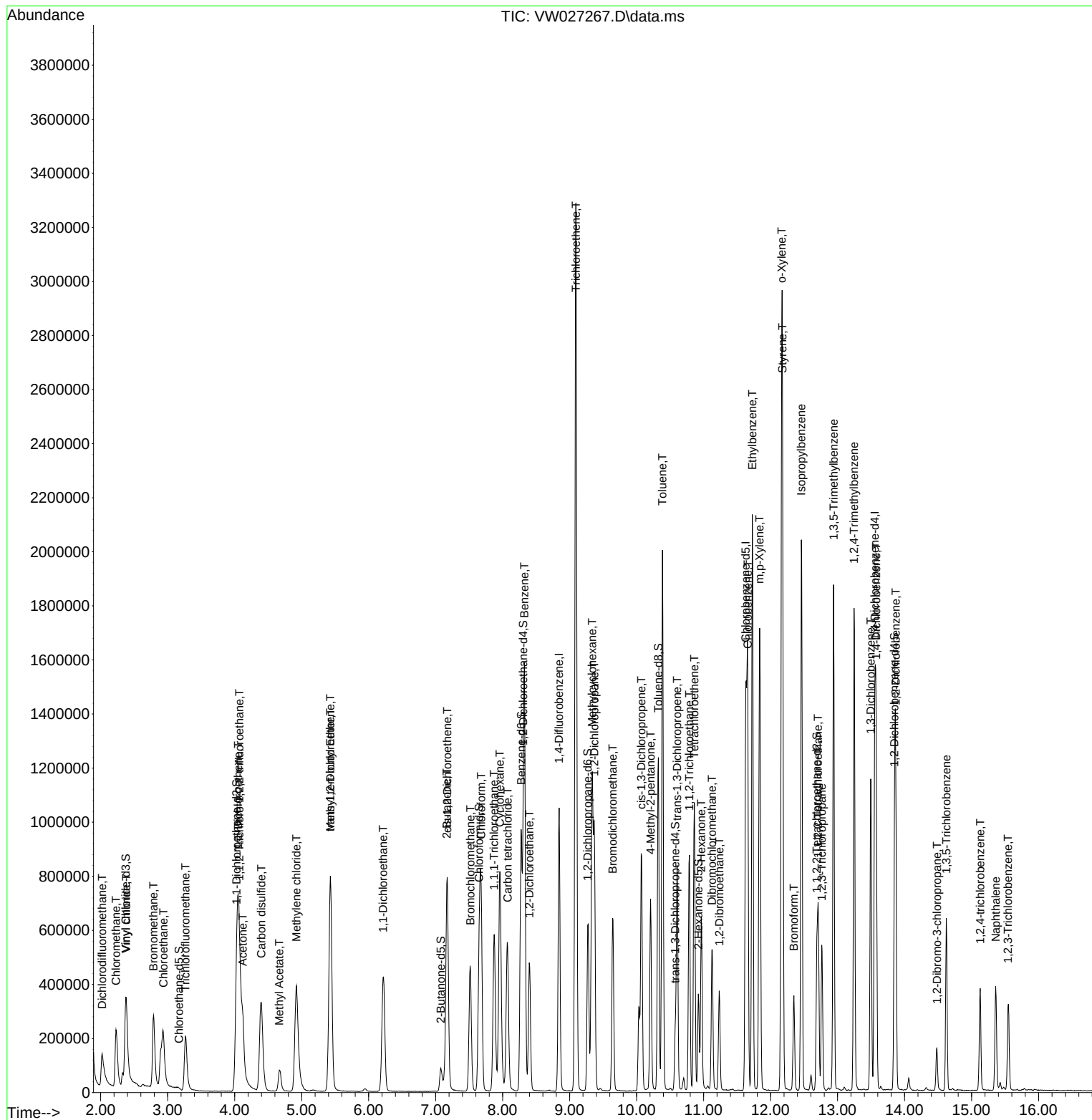
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	425362	26.505	ug/L	98
29) Cyclohexane	7.959	56	466127	22.900	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	470689	24.749	ug/L	97
31) Carbon tetrachloride	8.075	117	416828	23.204	ug/L	100
33) Benzene	8.325	78	1456250	26.930	ug/L	100
34) Trichloroethene	9.093	95	1150698	81.488	ug/L	95
35) Methylcyclohexane	9.337	83	472580	19.898	ug/L	97
37) 1,2-Dichloropropane	9.367	63	374543	26.881	ug/L	100
38) Bromodichloromethane	9.642	83	437518	26.145	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	527172	25.678	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	454820	67.286	ug/L	97
42) Toluene	10.386	91	1416361	25.505	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	456547	27.134	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	272031	26.979	ug/L	97
46) Tetrachloroethene	10.861	164	235413	21.208	ug/L	90
48) 2-Hexanone	10.965	43	396862	74.891	ug/L	97
49) Dibromochloromethane	11.123	129	274245	25.079	ug/L	96
50) 1,2-Dibromoethane	11.233	107	252113	26.945	ug/L	92
51) Chlorobenzene	11.660	112	826431	22.426	ug/L	95
52) Ethylbenzene	11.727	91	1439781	23.079	ug/L	97
53) m,p-Xylene	11.836	106	537898	22.486	ug/L	94
54) o-Xylene	12.166	106	516057	23.094	ug/L	95
55) Styrene	12.178	104	862991	22.435	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	310011	25.633	ug/L	98
59) Bromoform	12.349	173	152647	29.188	ug/L	95
60) Isopropylbenzene	12.458	105	1283531	26.319	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	227560	33.561	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	938359	24.541	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	916023	24.447	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	459798	20.428	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	470334	20.799	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	410794	20.822	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	41860	28.821	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	186573	12.873	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121728	10.645	ug/L	94
71) Naphthalene	15.360	128	329273	16.320	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	104792	10.324	ug/L	96

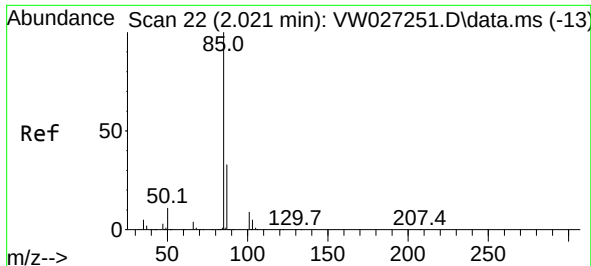
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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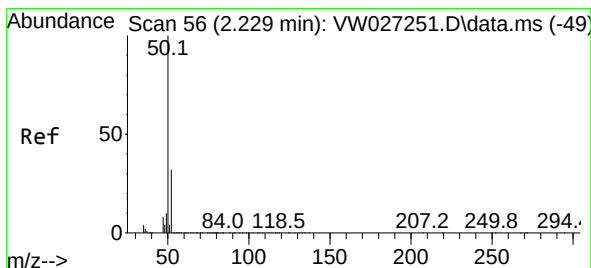
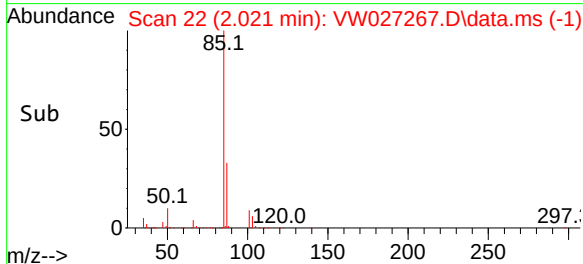
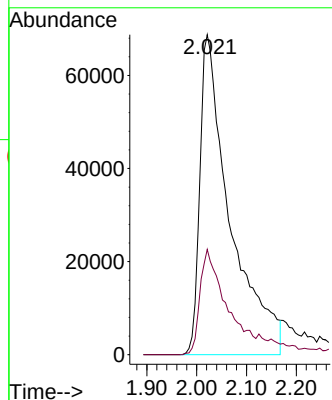
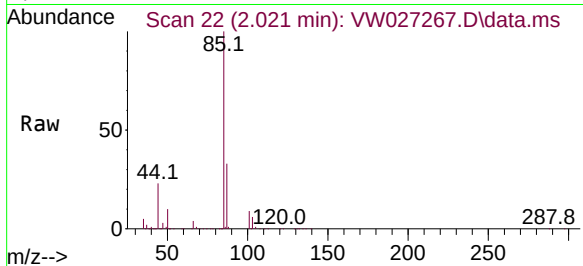




#2
 Dichlorodifluoromethane
 Concen: 25.685 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

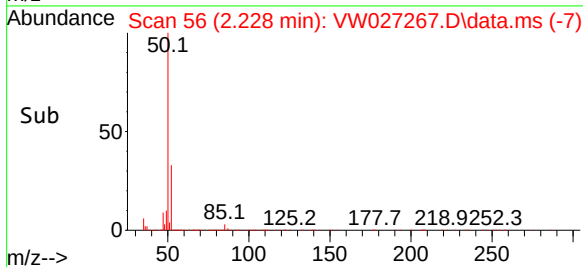
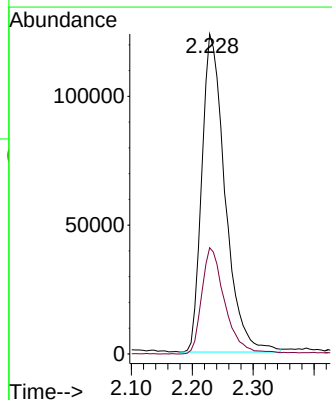
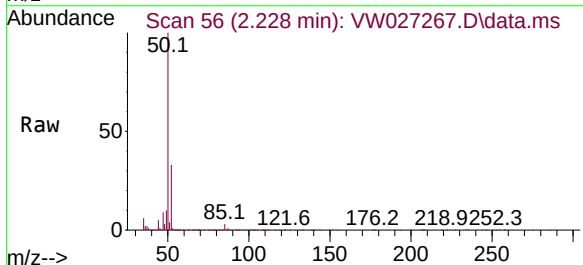
Instrument :
 MSVOA_W
 ClientSampleId :

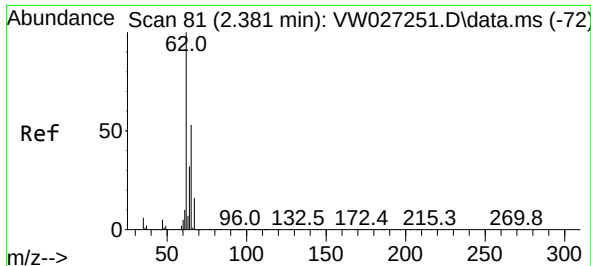
Tgt Ion: 85 Resp: 288784
 Ion Ratio Lower Upper
 85 100
 87 26.7 22.1 33.1



#3
 Chloromethane
 Concen: 21.600 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

Tgt Ion: 50 Resp: 327805
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.5 43.7

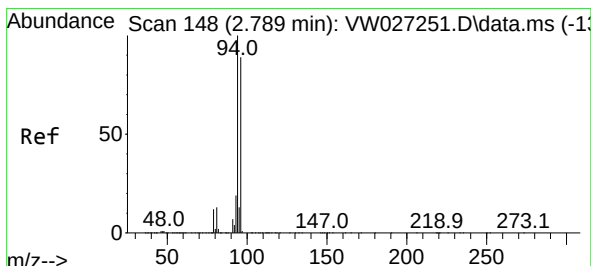
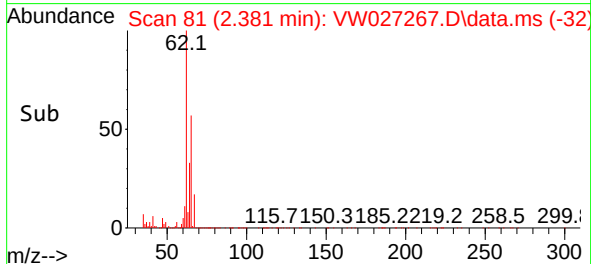
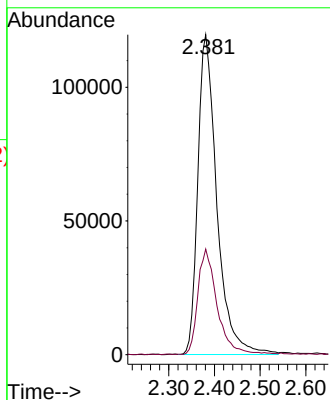
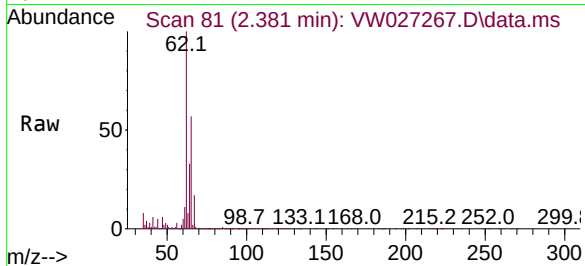




#5
 Vinyl chloride
 Concen: 20.865 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

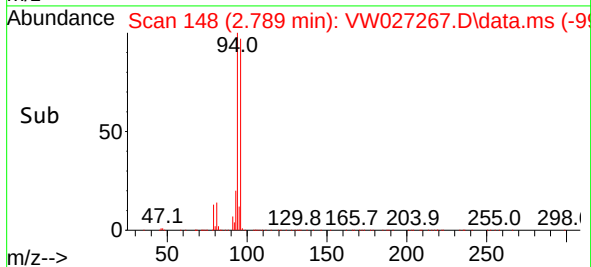
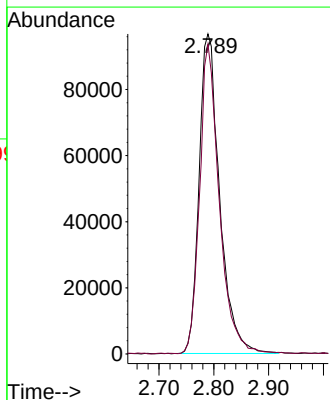
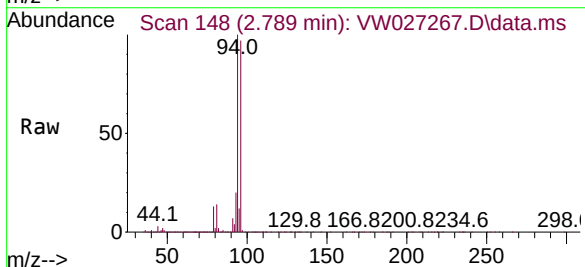
Instrument :
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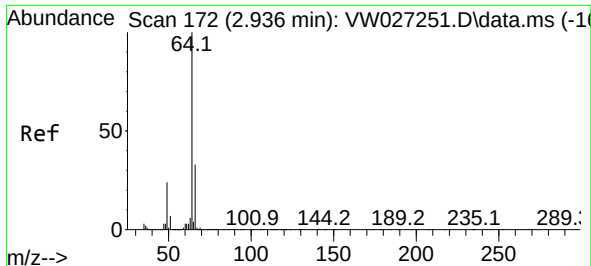
Tgt Ion: 62 Resp: 345732
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.2 41.2



#6
 Bromomethane
 Concen: 23.072 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

Tgt Ion: 94 Resp: 251863
 Ion Ratio Lower Upper
 94 100
 96 96.7 66.8 124.0

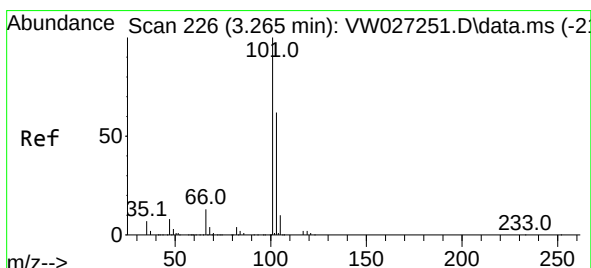
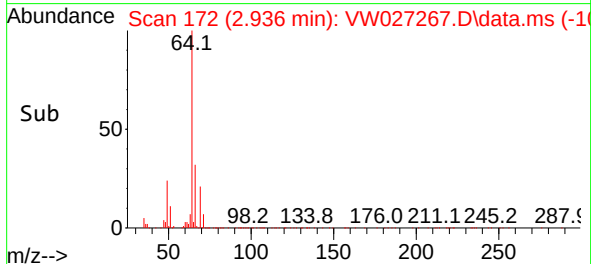
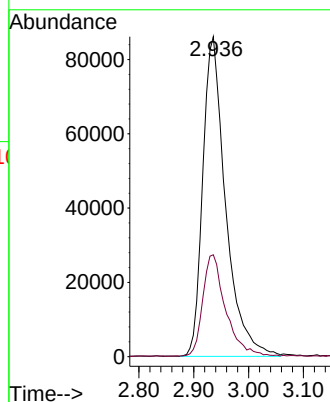
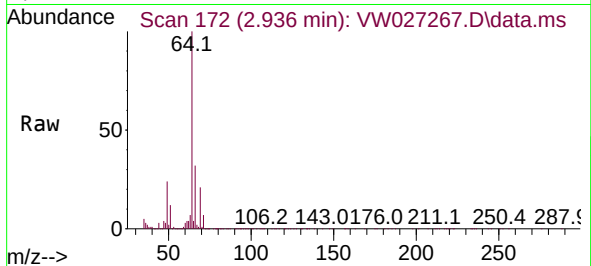




#8
Chloroethane
Concen: 24.735 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

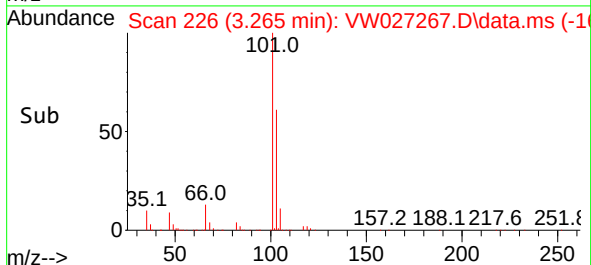
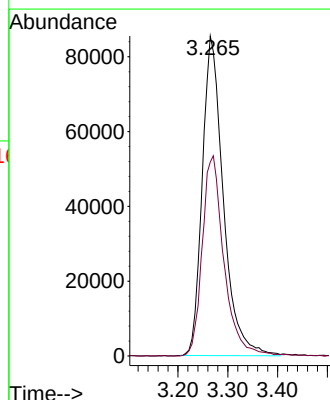
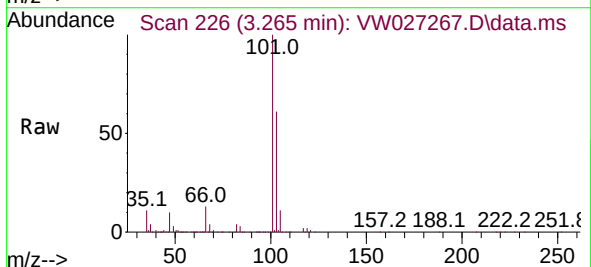
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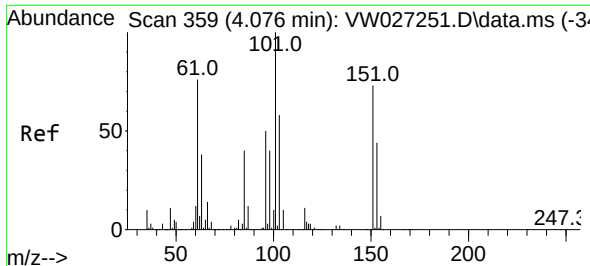
Tgt Ion: 64 Resp: 248738
Ion Ratio Lower Upper
64 100
66 31.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 17.983 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 101 Resp: 250432
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

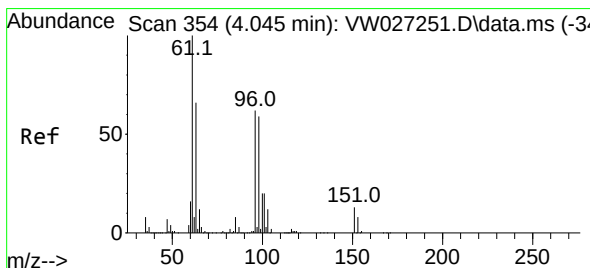
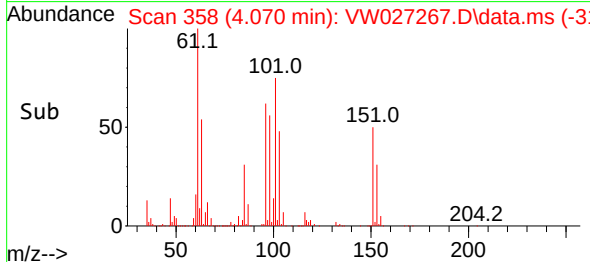
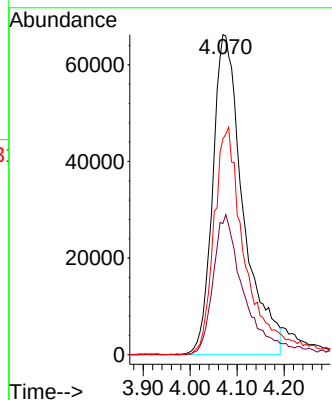
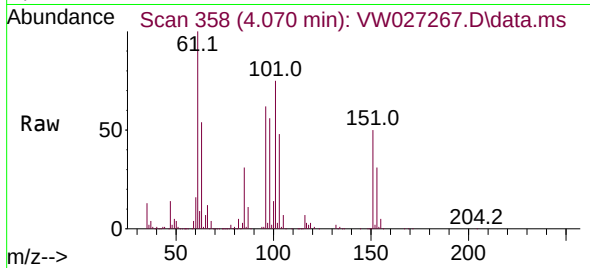




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.251 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

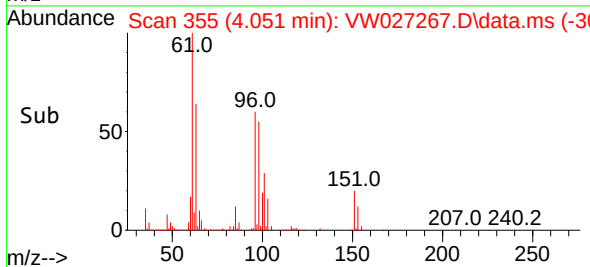
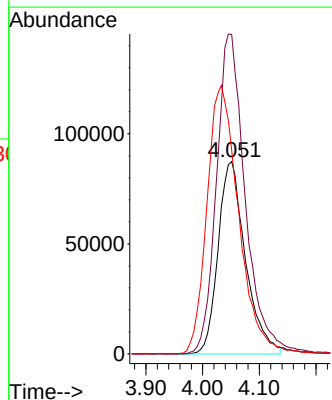
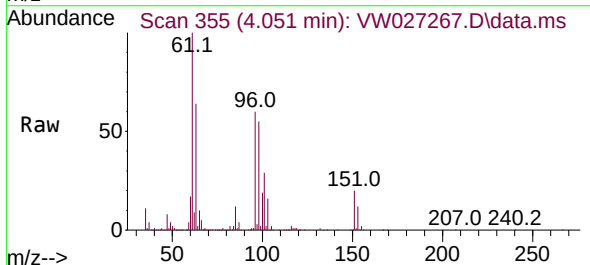
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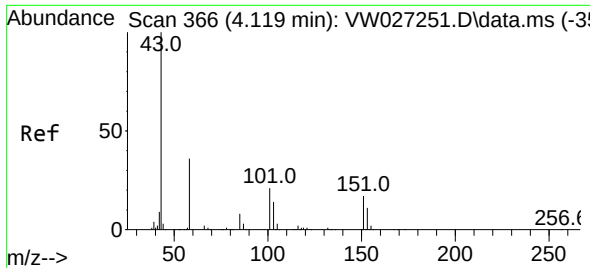
Tgt Ion:101 Resp: 297765
 Ion Ratio Lower Upper
 101 100
 85 39.7 33.1 49.7
 151 71.5 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 21.866 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027267.D
 Acq: 06 Oct 2023 16:58

Tgt Ion: 96 Resp: 292703
 Ion Ratio Lower Upper
 96 100
 61 165.9 109.8 204.0
 63 105.7 76.9 142.7





#13

Acetone

Concen: 74.487 ug/L

RT: 4.118 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

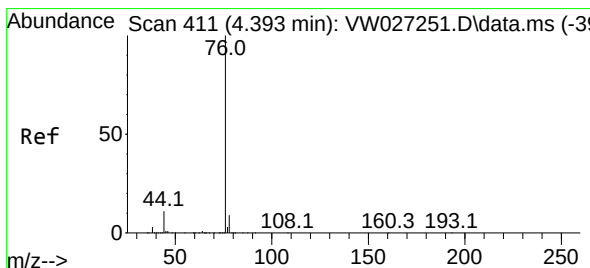
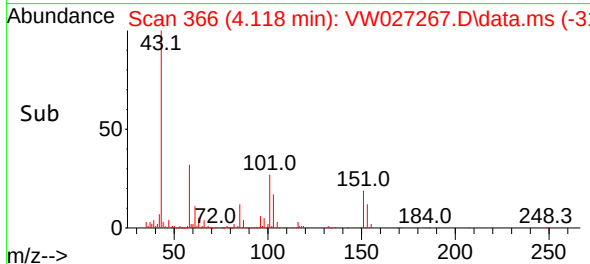
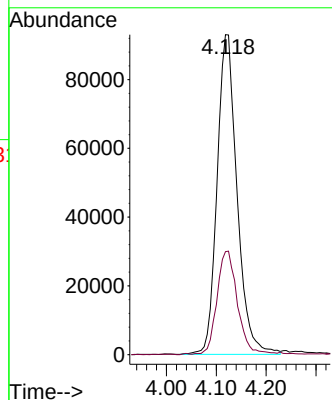
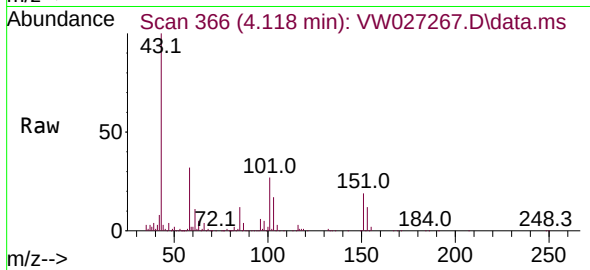
ClientSampleId :

Tgt Ion: 43 Resp: 258682

Ion Ratio Lower Upper

43 100

58 32.4 0.0 70.4



#14

Carbon disulfide

Concen: 19.792 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.006 min

Lab File: VW027267.D

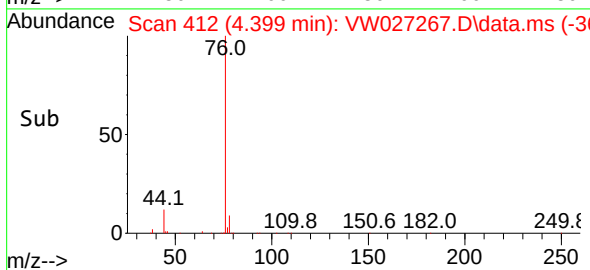
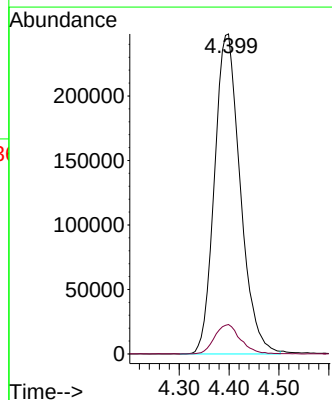
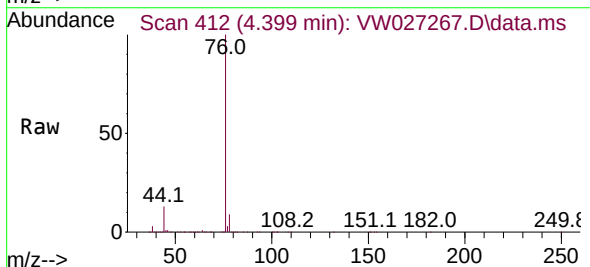
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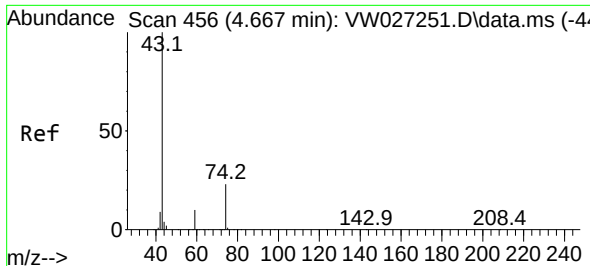
Tgt Ion: 76 Resp: 889239

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

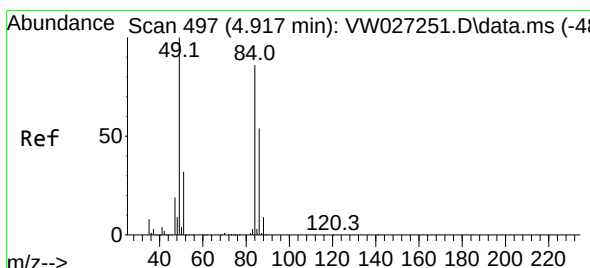
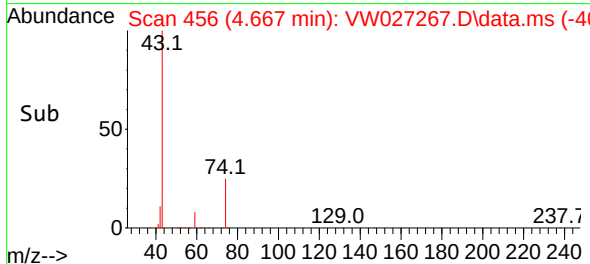
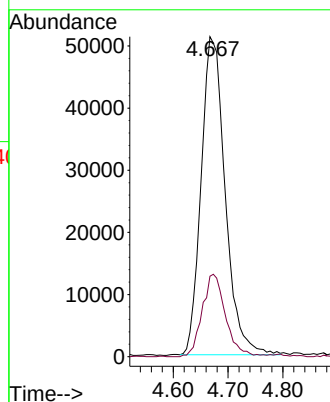
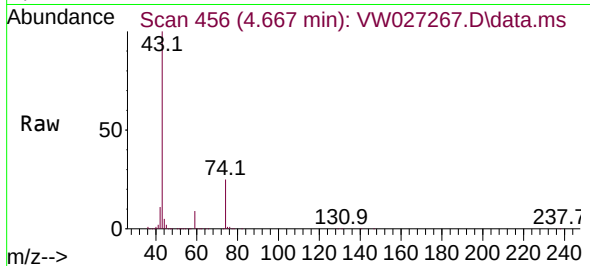




#15
Methyl Acetate
Concen: 26.823 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

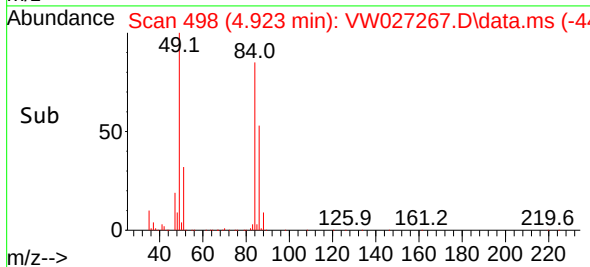
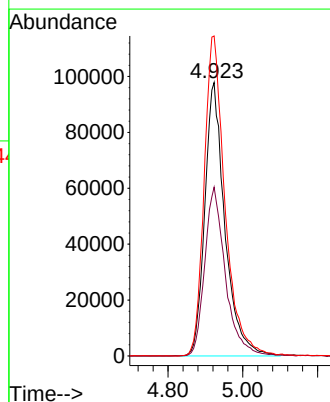
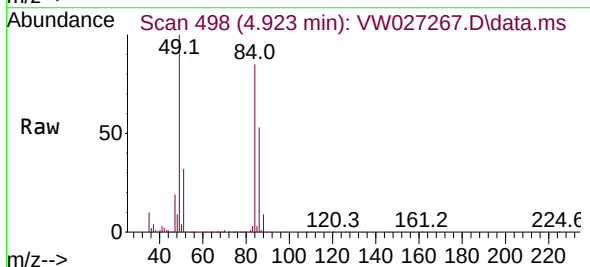
Instrument :
MSVOA_W
ClientSampleId :

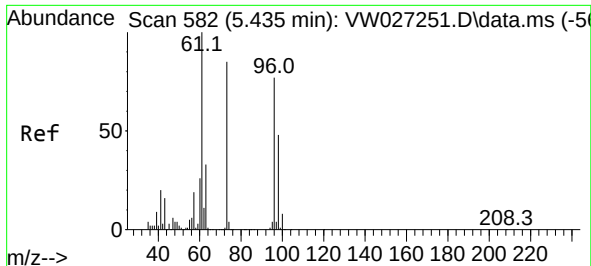
Tgt Ion: 43 Resp: 156128
Ion Ratio Lower Upper
43 100
74 24.9 20.8 31.2



#16
Methylene chloride
Concen: 21.599 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 84 Resp: 365855
Ion Ratio Lower Upper
84 100
86 61.7 45.1 83.9
49 117.0 80.9 150.3

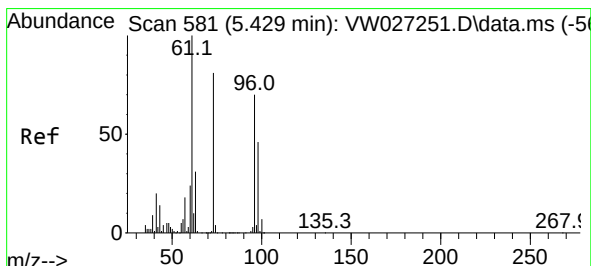
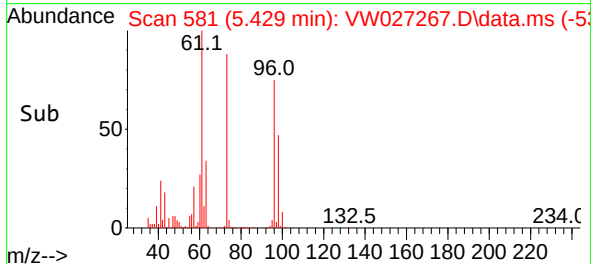
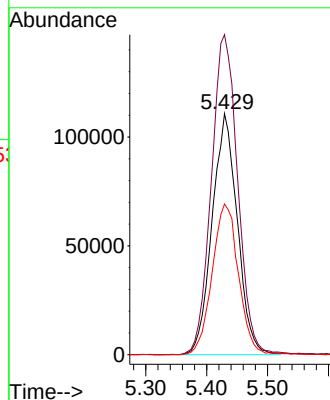
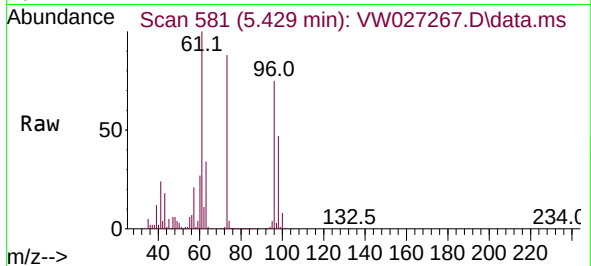




#17
trans-1,2-Dichloroethene
Concen: 22.150 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

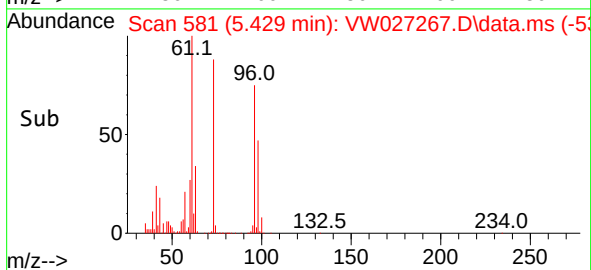
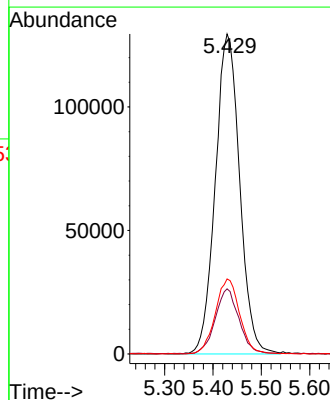
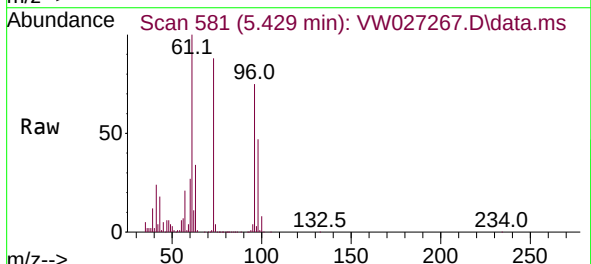
Instrument :
MSVOA_W
ClientSampleId :

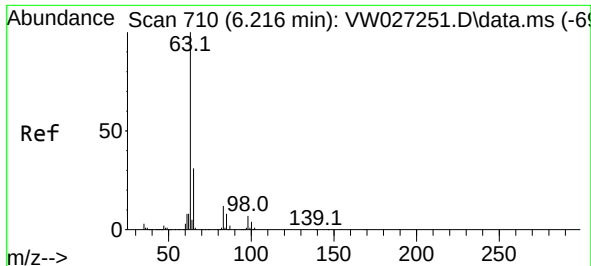
Tgt Ion: 96 Resp: 319028
Ion Ratio Lower Upper
96 100
61 132.7 93.5 173.7
98 62.6 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 25.131 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 73 Resp: 452969
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.2
57 23.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 23.392 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :

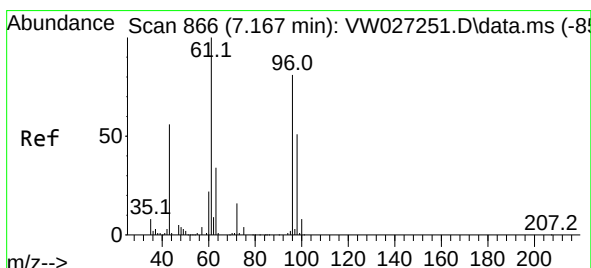
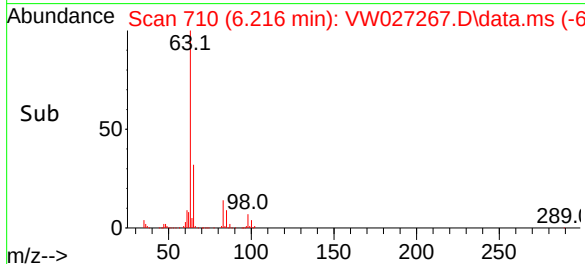
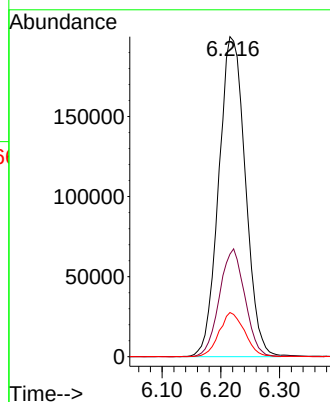
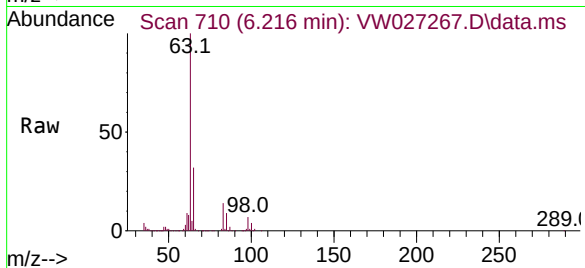
Tgt Ion: 63 Resp: 628320

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.9

83 13.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 23.726 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

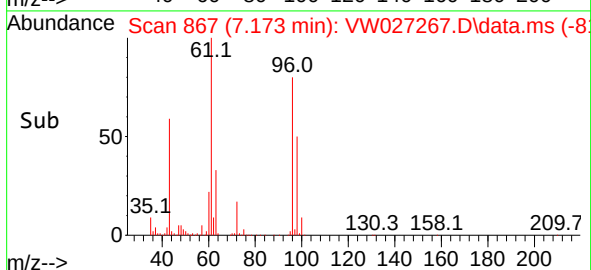
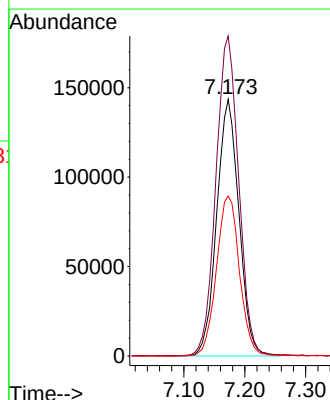
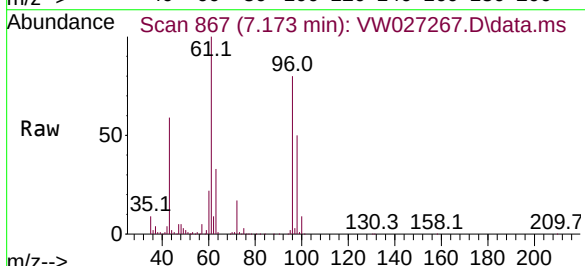
Tgt Ion: 96 Resp: 364274

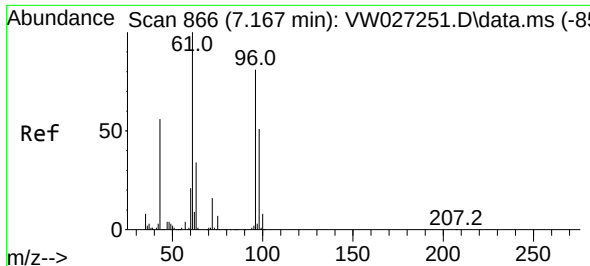
Ion Ratio Lower Upper

96 100

61 124.7 82.7 153.5

98 62.3 43.0 80.0

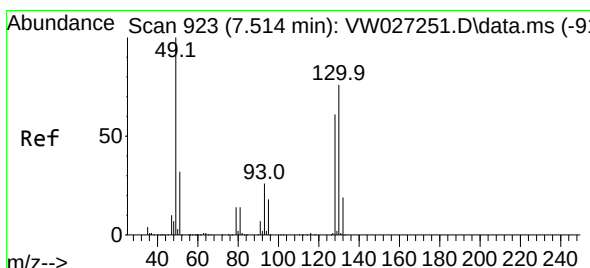
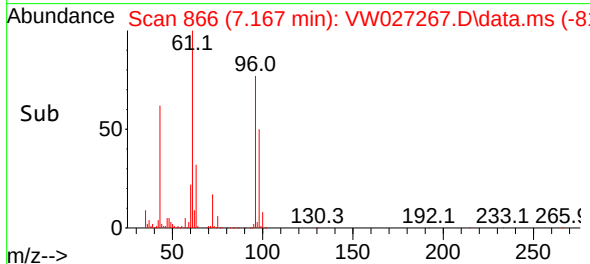
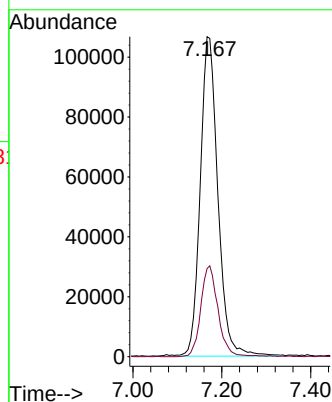
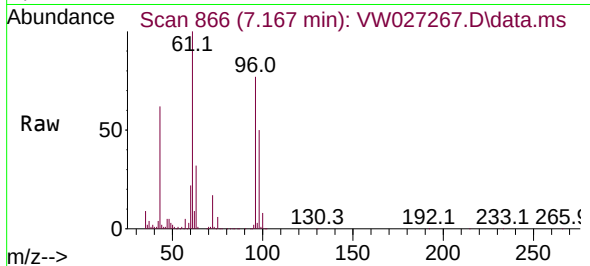




#22
2-Butanone
Concen: 68.613 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

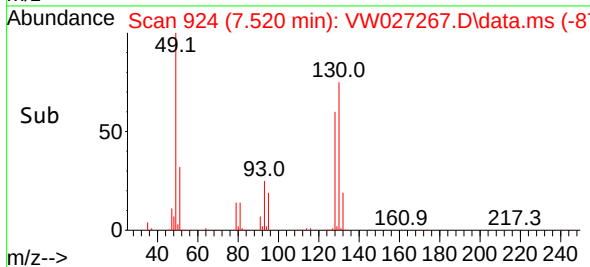
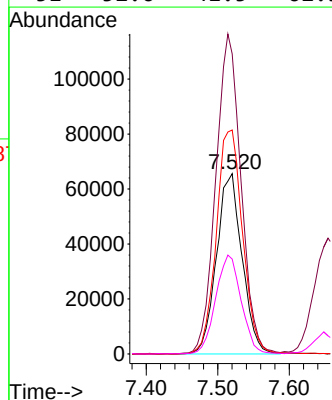
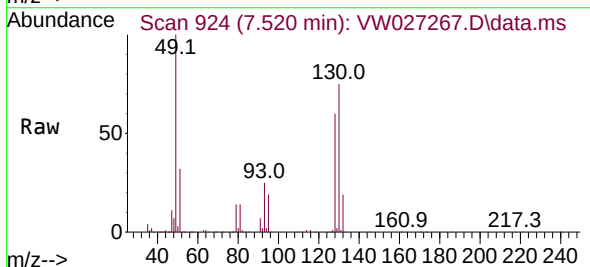
Instrument :
MSVOA_W
ClientSampleId :

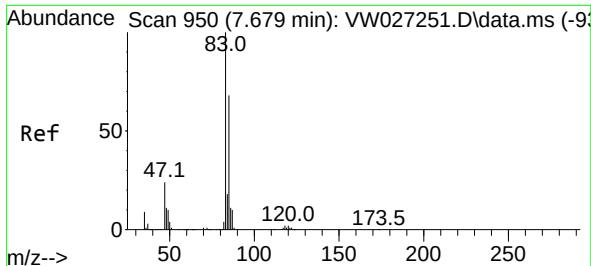
Tgt Ion: 43 Resp: 294700
Ion Ratio Lower Upper
43 100
72 27.7 14.6 44.0



#23
Bromochloromethane
Concen: 23.231 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion:128 Resp: 162746
Ion Ratio Lower Upper
128 100
49 166.4 112.1 208.1
130 124.2 83.9 155.7
51 52.6 41.5 62.3

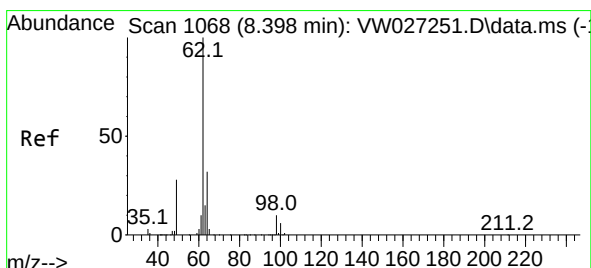
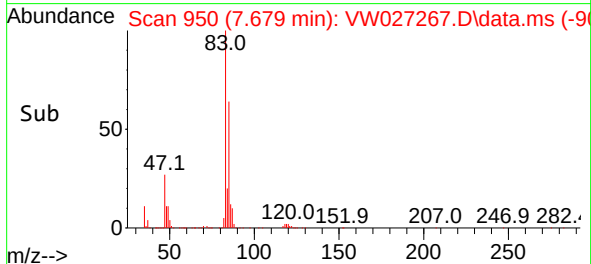
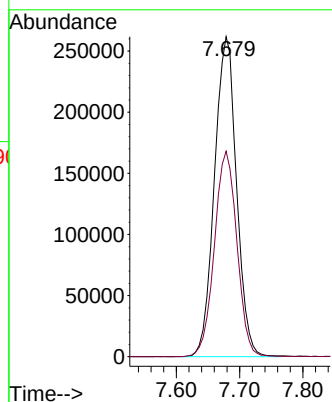
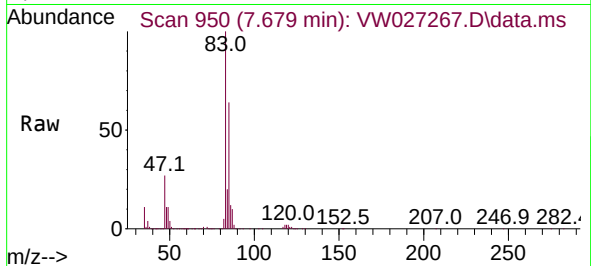




#25
Chloroform
Concen: 24.208 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

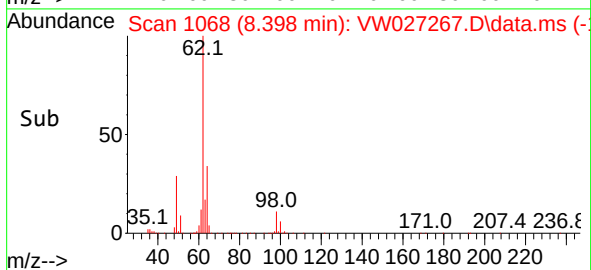
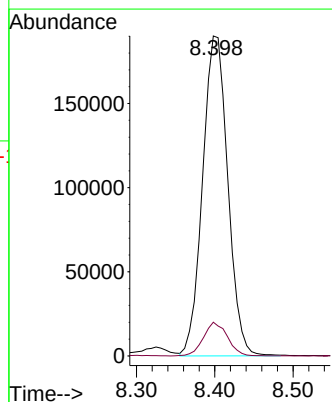
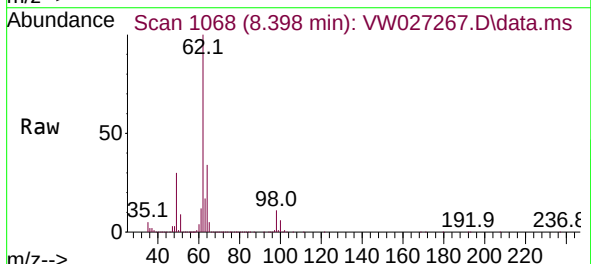
Instrument :
MSVOA_W
ClientSampleId :

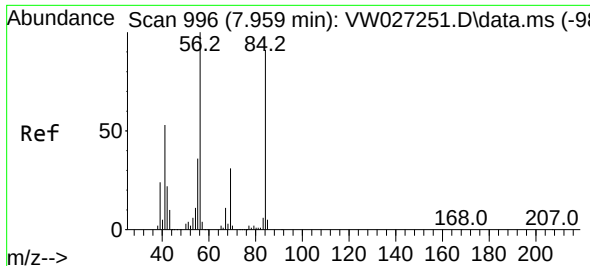
Tgt Ion: 83 Resp: 634203
Ion Ratio Lower Upper
83 100
85 64.2 47.7 88.5



#27
1,2-Dichloroethane
Concen: 26.505 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

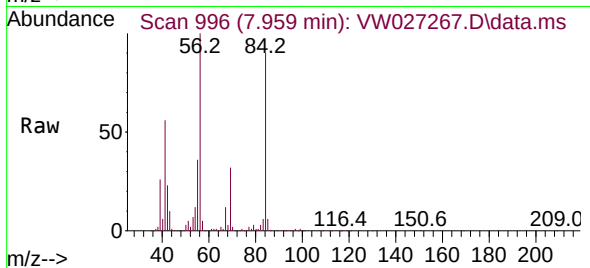
Tgt Ion: 62 Resp: 425362
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9



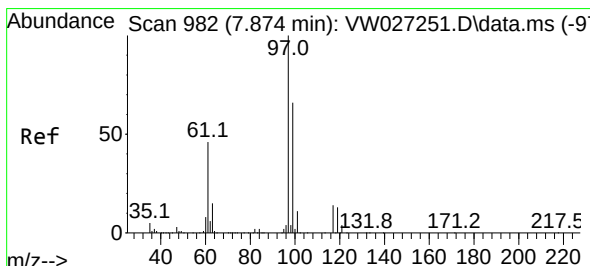
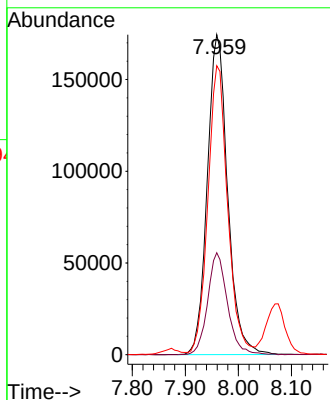
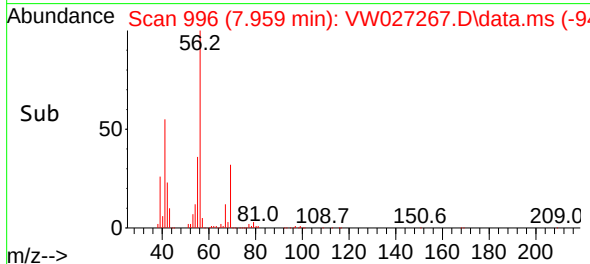


#29
Cyclohexane
Concen: 22.900 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Instrument :
MSVOA_W
ClientSampleId :

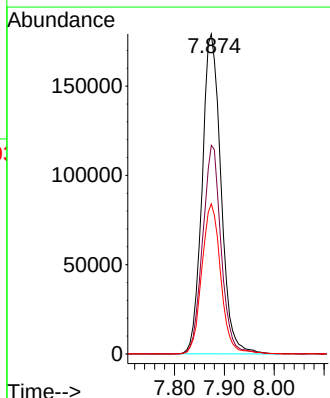
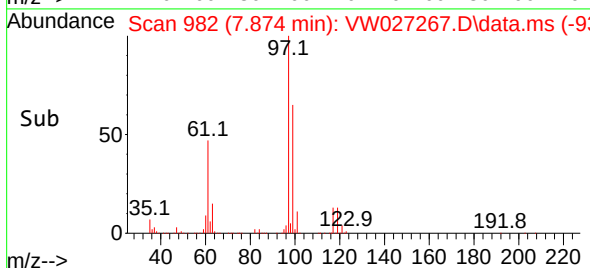
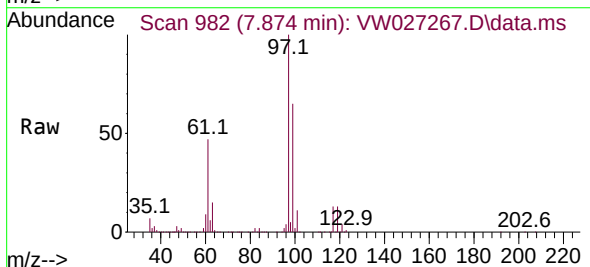


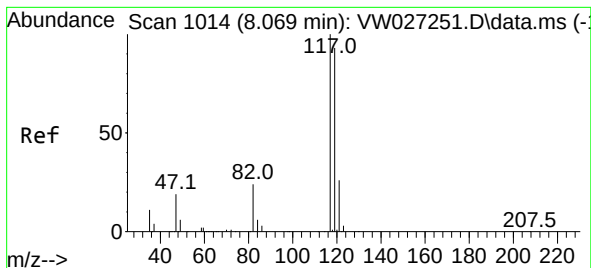
Tgt Ion: 56 Resp: 466127
Ion Ratio Lower Upper
56 100
69 30.9 25.0 37.4
84 87.8 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 24.749 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 97 Resp: 470689
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 47.2 34.6 52.0





#31

Carbon tetrachloride

Concen: 23.204 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

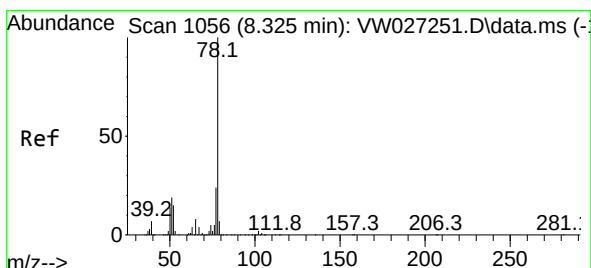
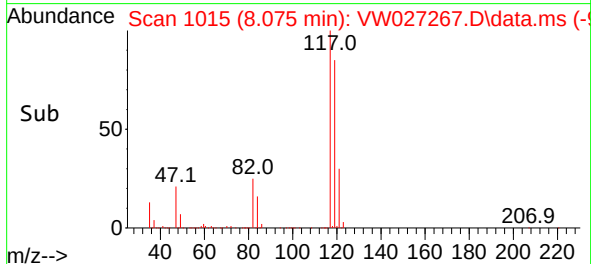
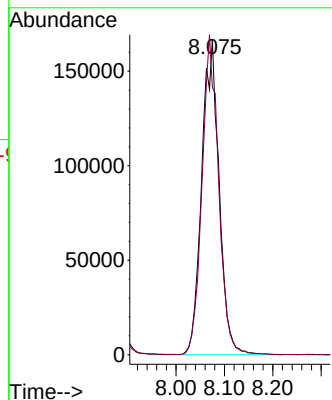
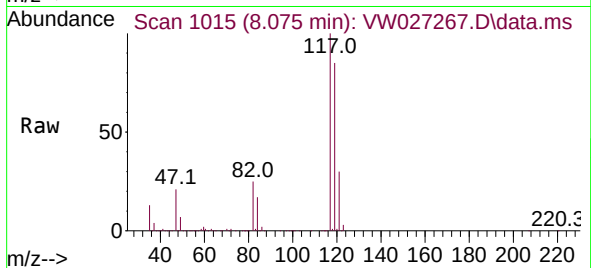
ClientSampleId :

Tgt Ion:117 Resp: 416828

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6



#33

Benzene

Concen: 26.930 ug/L

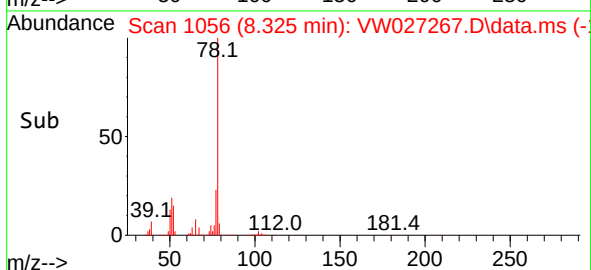
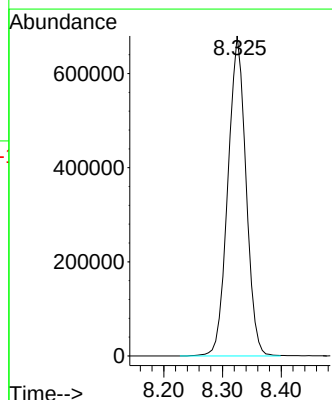
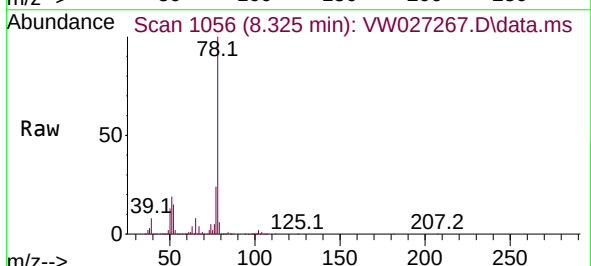
RT: 8.325 min Scan# 1056

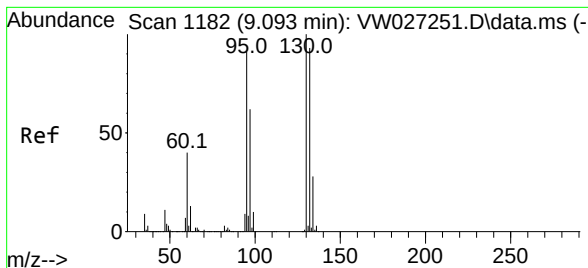
Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Tgt Ion: 78 Resp: 1456250





#34

Trichloroethene

Concen: 81.488 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

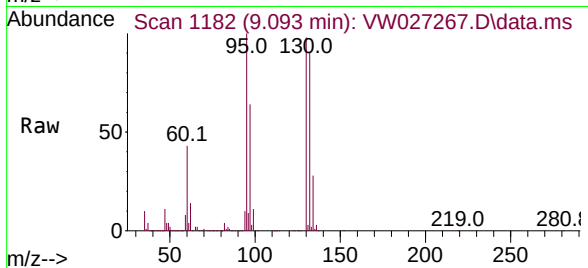
Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 1150698

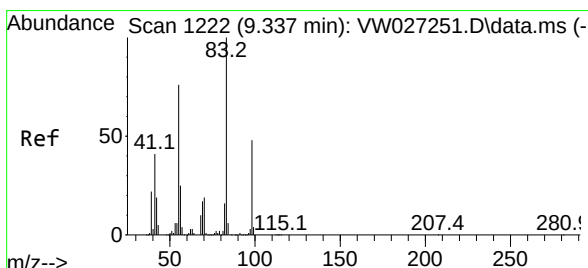
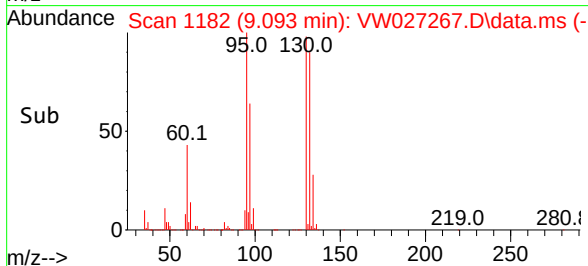
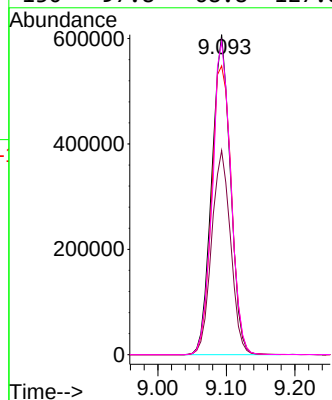
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.7

132 90.3 71.5 132.9

130 97.8 68.8 127.8



#35

Methylcyclohexane

Concen: 19.898 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

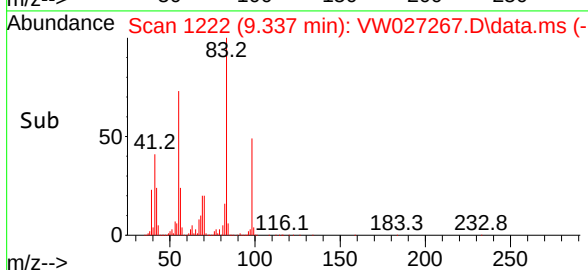
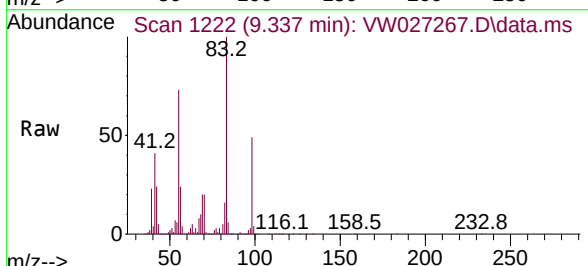
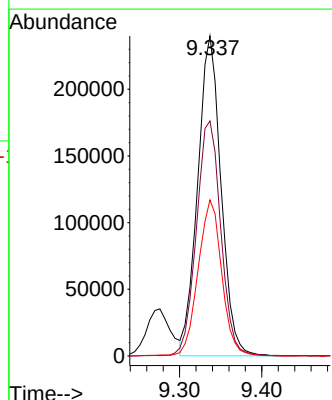
Tgt Ion: 83 Resp: 472580

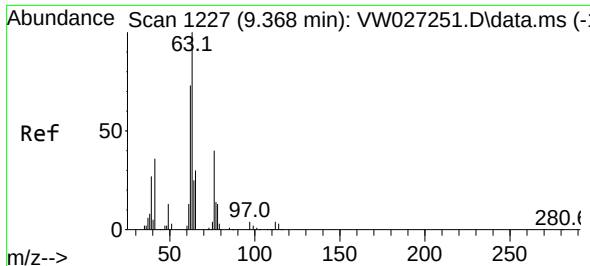
Ion Ratio Lower Upper

83 100

55 76.6 59.1 88.7

98 49.3 38.6 58.0

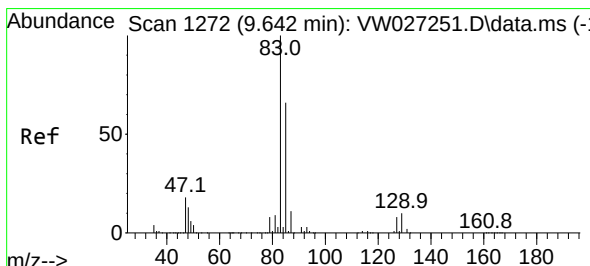
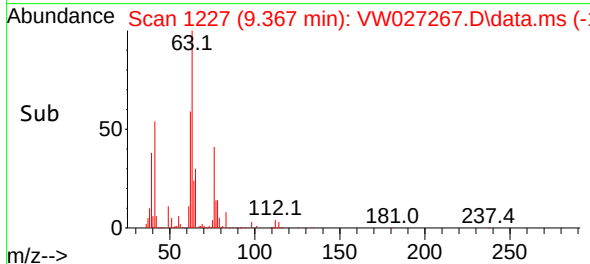
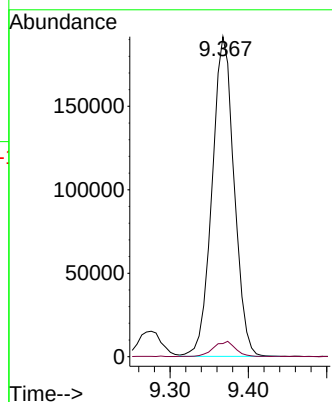
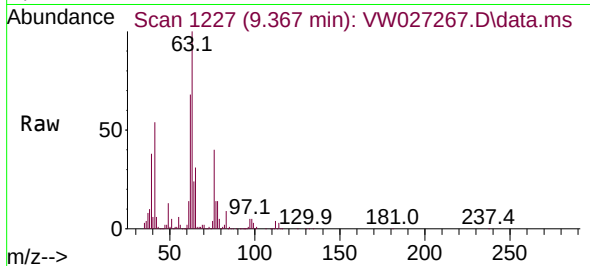




#37
1,2-Dichloropropane
Concen: 26.881 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

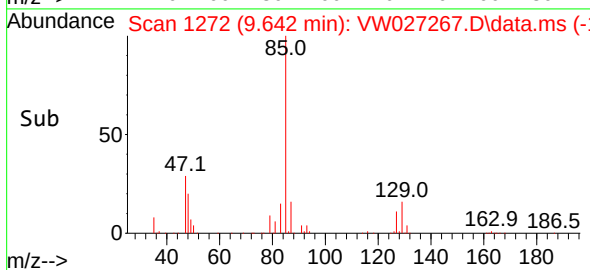
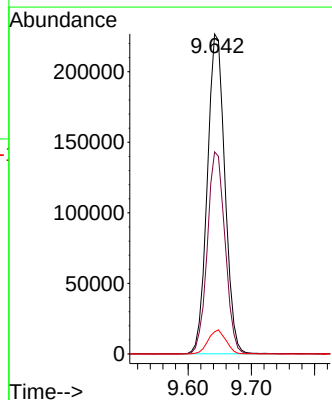
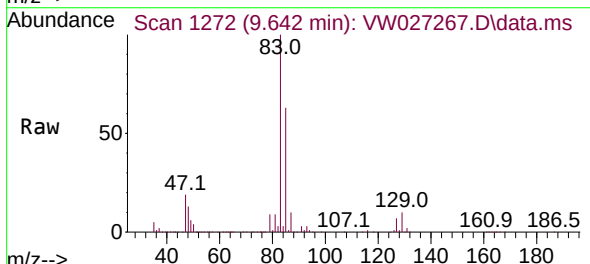
Instrument :
MSVOA_W
ClientSampleId :

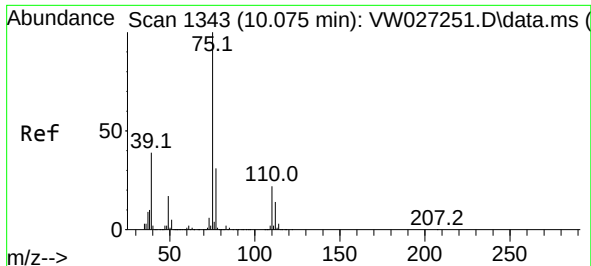
Tgt Ion: 63 Resp: 374543
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5



#38
Bromodichloromethane
Concen: 26.145 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 83 Resp: 437518
Ion Ratio Lower Upper
83 100
85 63.2 44.7 82.9
127 6.9 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 25.678 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

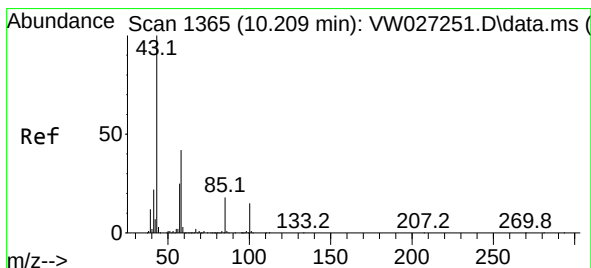
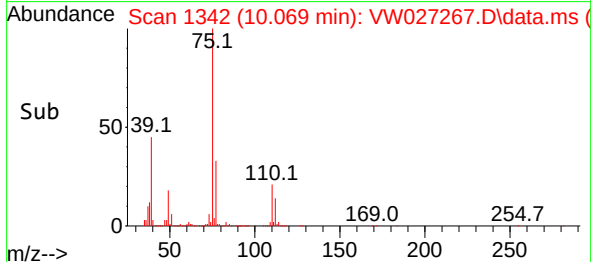
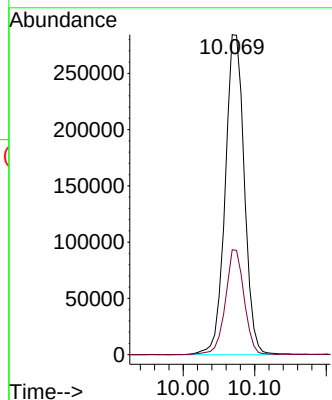
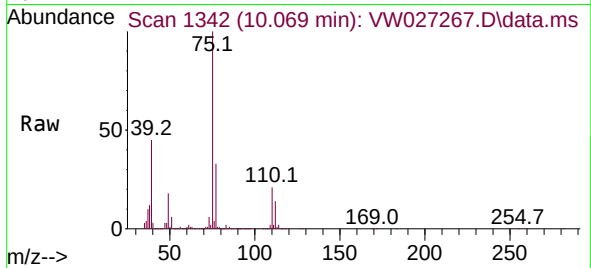
ClientSampleId :

Tgt Ion: 75 Resp: 527172

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 67.286 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

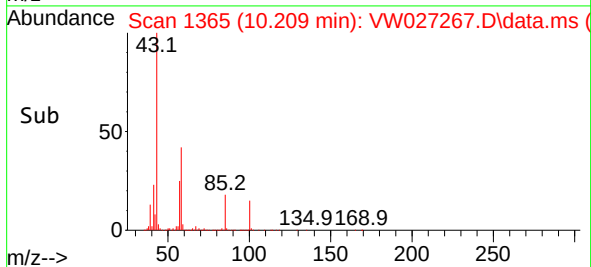
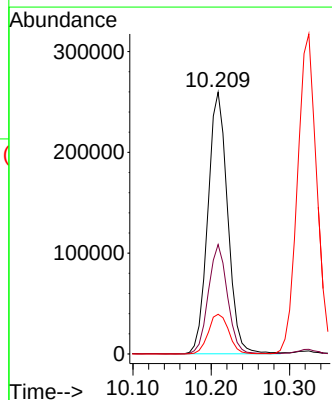
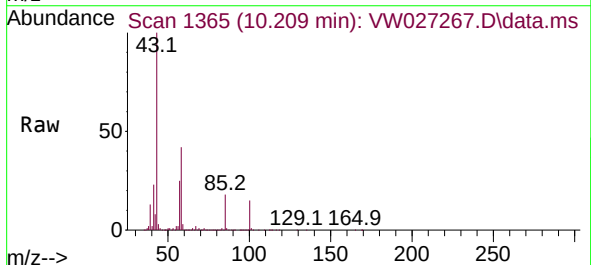
Tgt Ion: 43 Resp: 454820

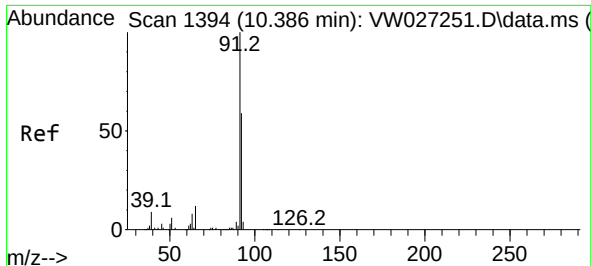
Ion Ratio Lower Upper

43 100

58 40.5 33.8 50.6

100 15.8 13.7 20.5

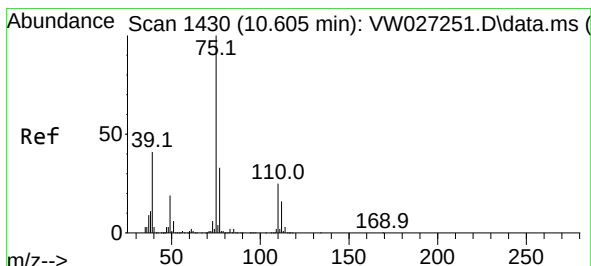
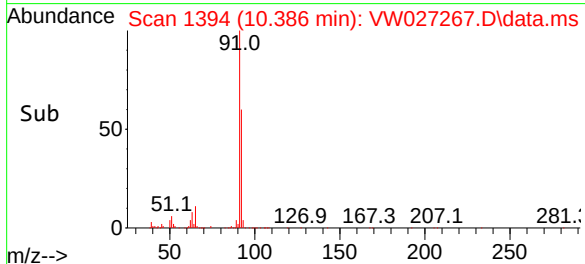
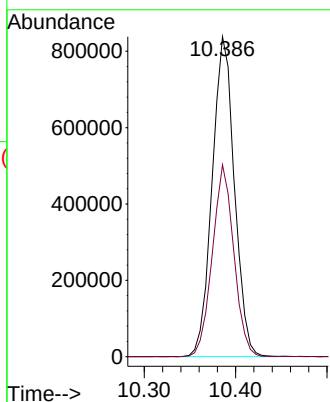
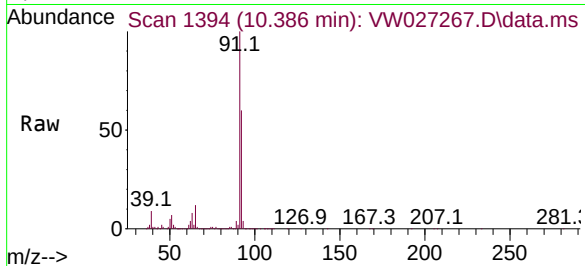




#42
Toluene
Concen: 25.505 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

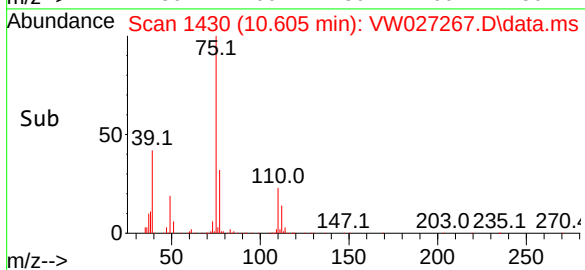
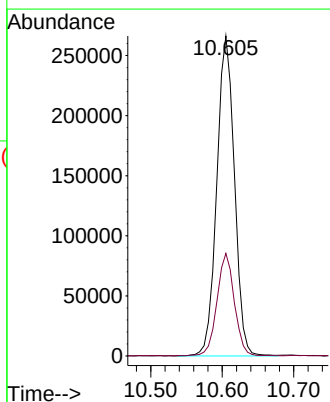
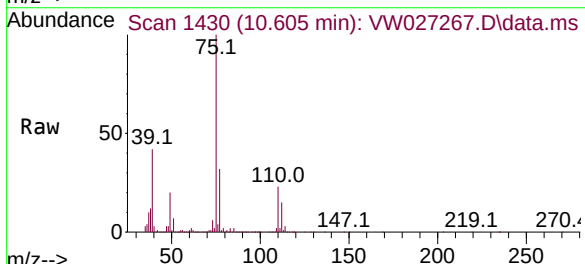
Instrument :
MSVOA_W
ClientSampleId :

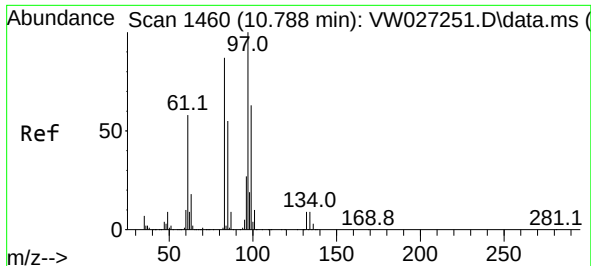
Tgt Ion: 91 Resp: 1416361
Ion Ratio Lower Upper
91 100
92 60.0 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.134 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

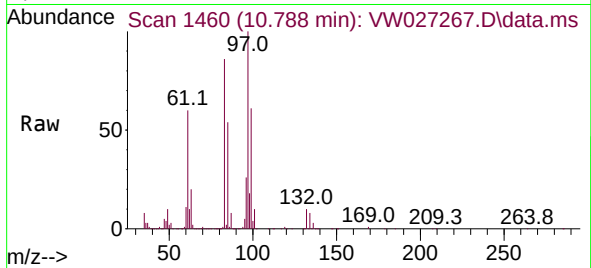
Tgt Ion: 75 Resp: 456547
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.2





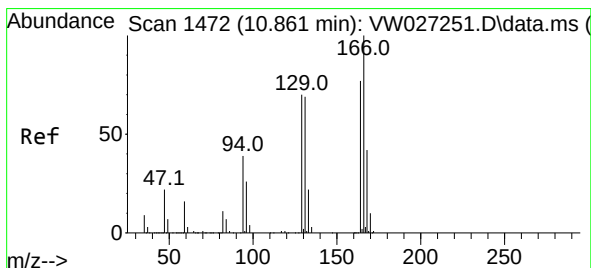
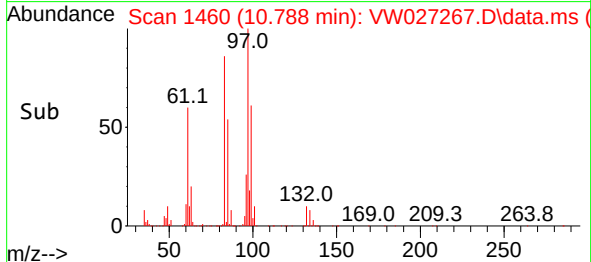
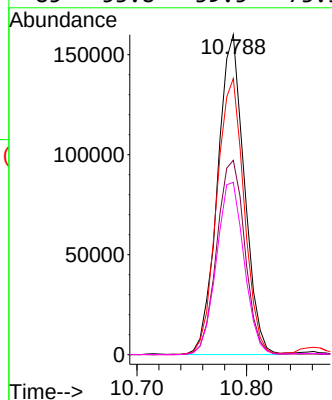
#45
1,1,2-Trichloroethane
Concen: 26.979 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 272031

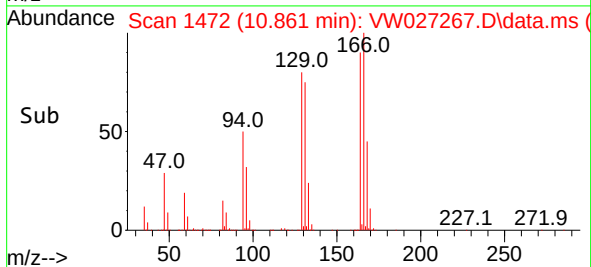
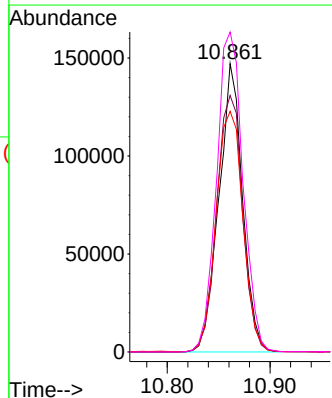
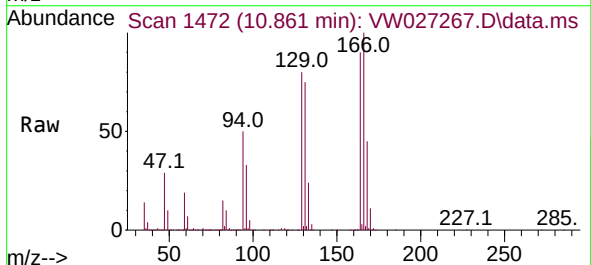
Ion	Ratio	Lower	Upper
97	100		
99	60.8	45.3	84.1
83	86.3	59.5	110.5
85	53.8	39.5	73.3

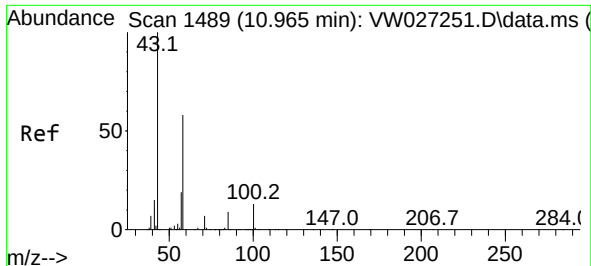


#46
Tetrachloroethene
Concen: 21.208 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 164 Resp: 235413

Ion	Ratio	Lower	Upper
164	100		
129	89.0	60.3	112.1
131	83.5	66.1	122.7
166	111.0	89.4	166.0

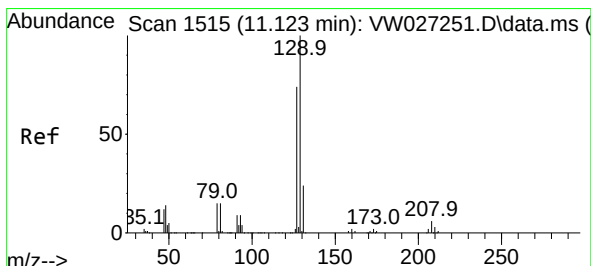
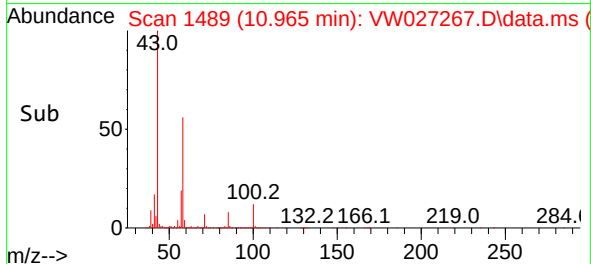
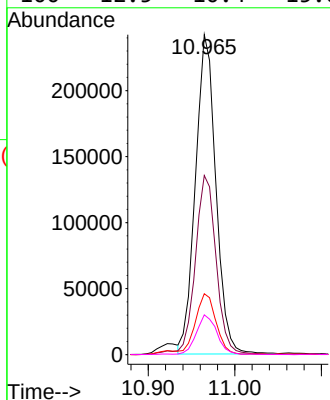
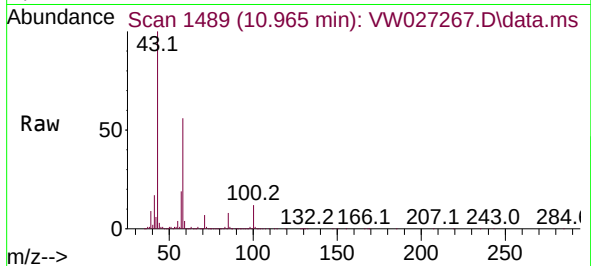




#48
2-Hexanone
Concen: 74.891 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

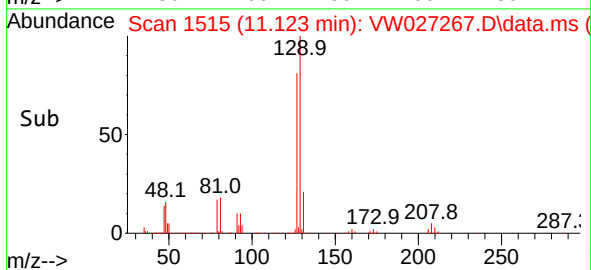
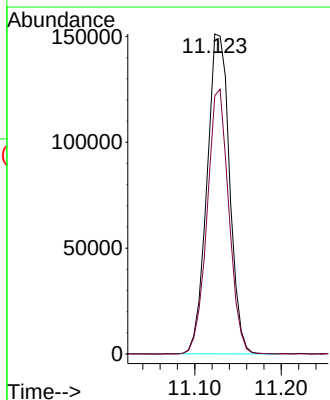
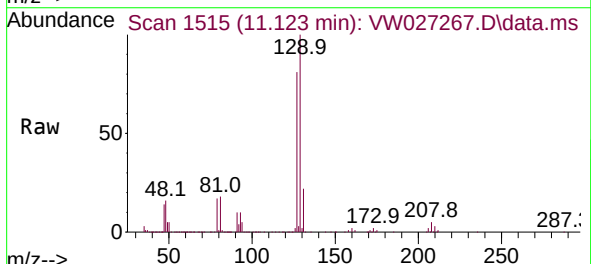
Instrument :
MSVOA_W
ClientSampleId :

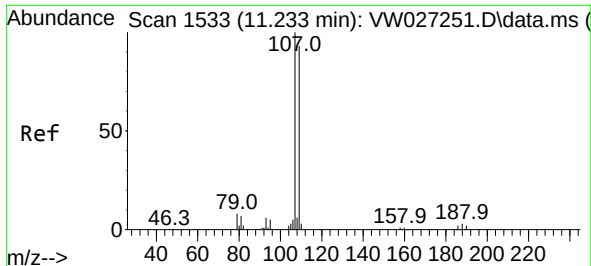
Tgt Ion:	43	Resp:	396862
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.2	70.8
57	19.0	15.9	23.9
100	12.5	10.4	15.6



#49
Dibromochloromethane
Concen: 25.079 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion:	129	Resp:	274245
Ion	Ratio	Lower	Upper
129	100		
127	80.8	54.2	100.6





#50

1,2-Dibromoethane

Concen: 26.945 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :

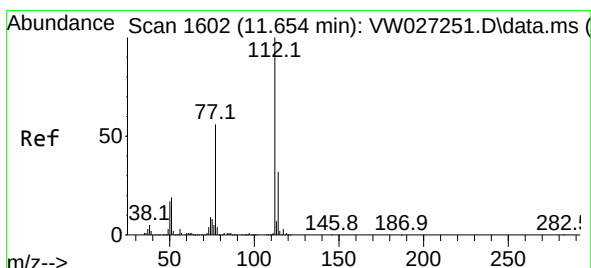
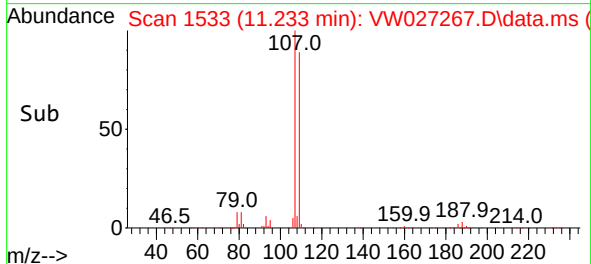
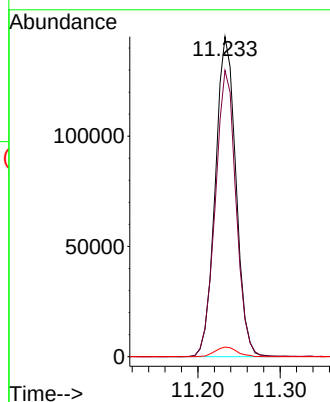
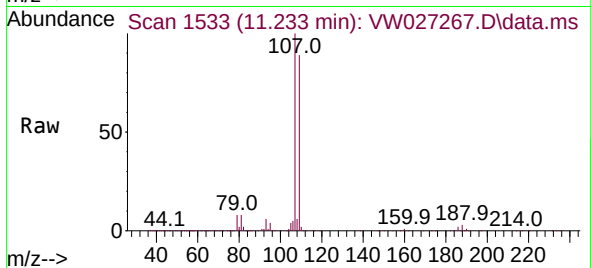
Tgt Ion:107 Resp: 252113

Ion Ratio Lower Upper

107 100

109 89.5 68.2 126.6

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 22.426 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

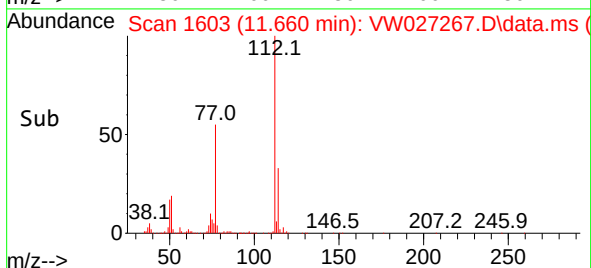
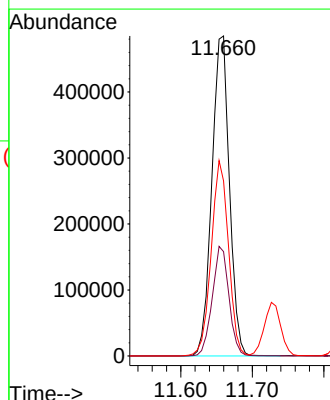
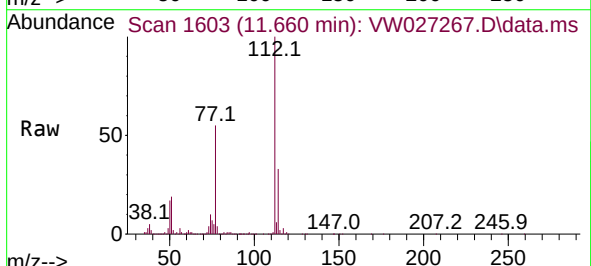
Tgt Ion:112 Resp: 826431

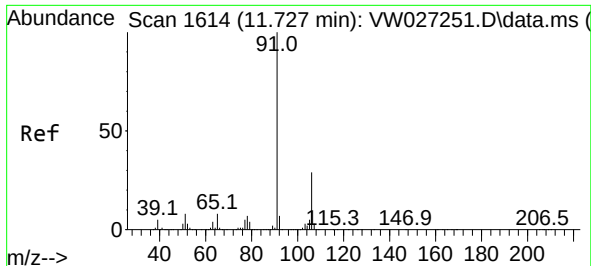
Ion Ratio Lower Upper

112 100

114 32.6 21.9 40.7

77 54.7 47.4 71.0

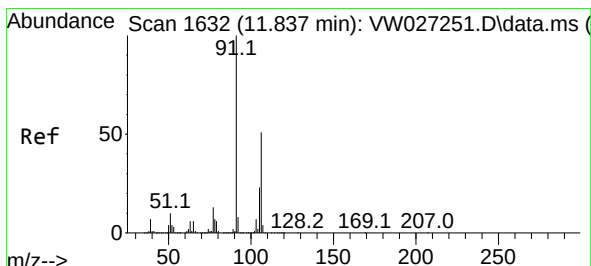
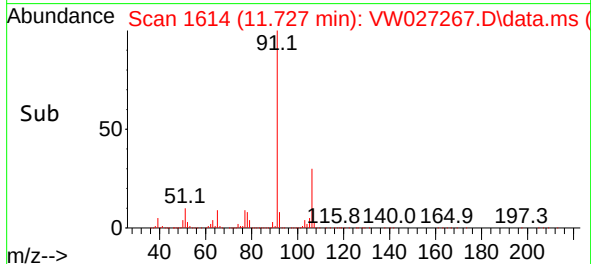
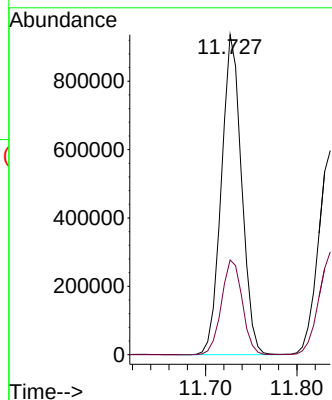
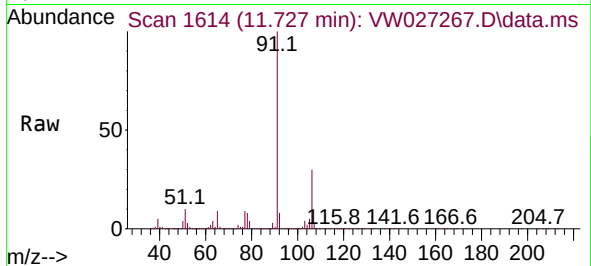




#52
Ethylbenzene
Concen: 23.079 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

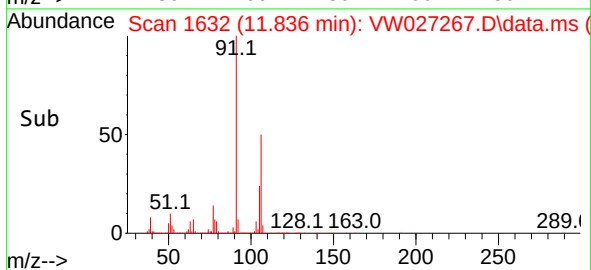
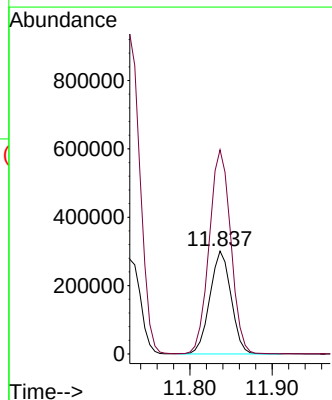
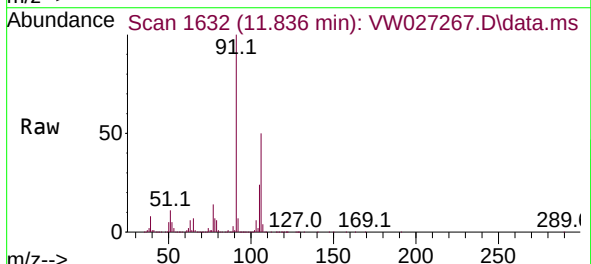
Instrument :
MSVOA_W
ClientSampleId :

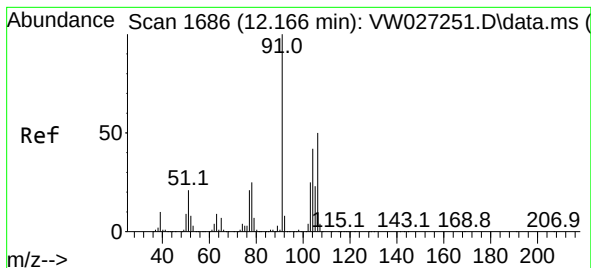
Tgt Ion: 91 Resp: 1439781
Ion Ratio Lower Upper
91 100
106 29.6 21.8 40.6



#53
m,p-Xylene
Concen: 22.486 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion:106 Resp: 537898
Ion Ratio Lower Upper
106 100
91 198.6 145.9 270.9





#54

o-Xylene

Concen: 23.094 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

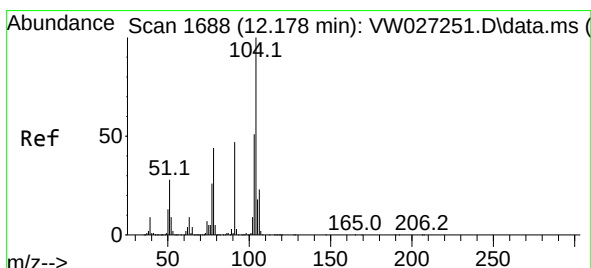
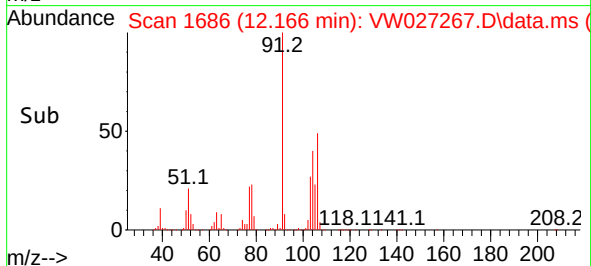
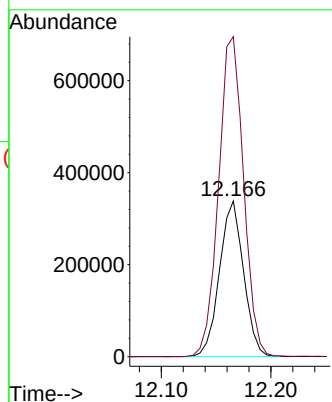
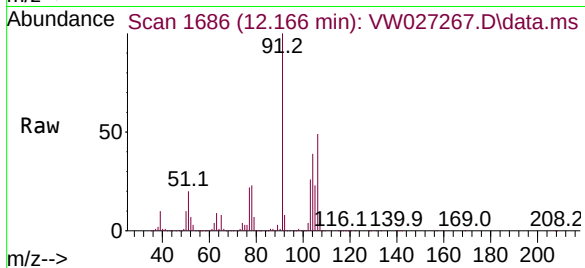
ClientSampleId :

Tgt Ion:106 Resp: 516057

Ion Ratio Lower Upper

106 100

91 205.5 149.5 277.7



#55

Styrene

Concen: 22.435 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027267.D

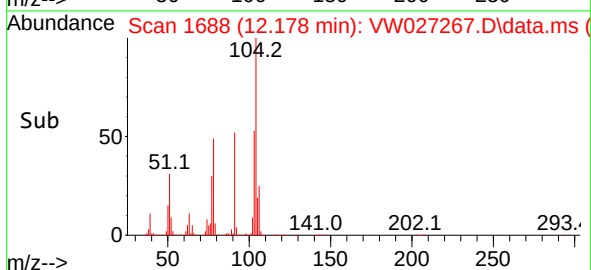
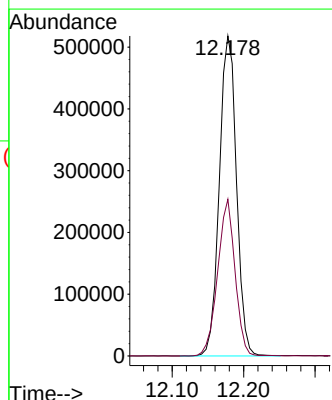
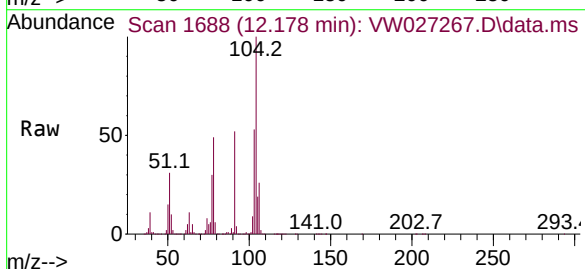
Acq: 06 Oct 2023 16:58

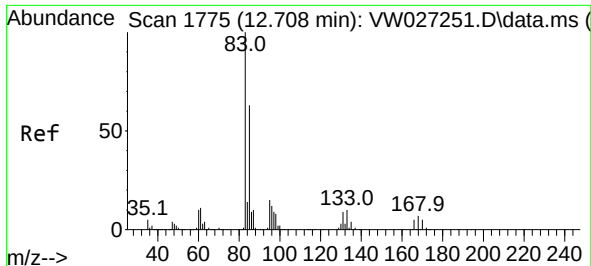
Tgt Ion:104 Resp: 862991

Ion Ratio Lower Upper

104 100

78 48.9 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.633 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :

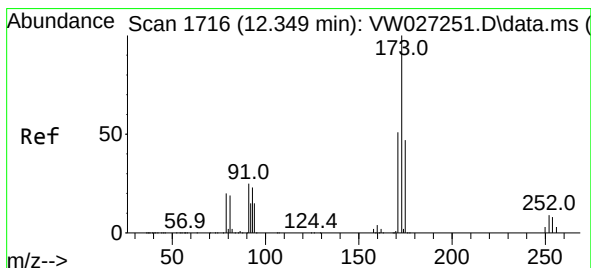
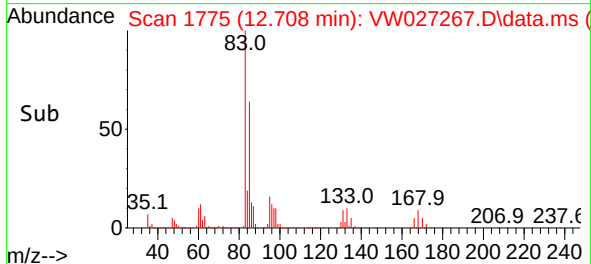
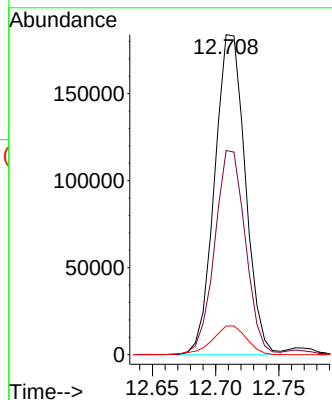
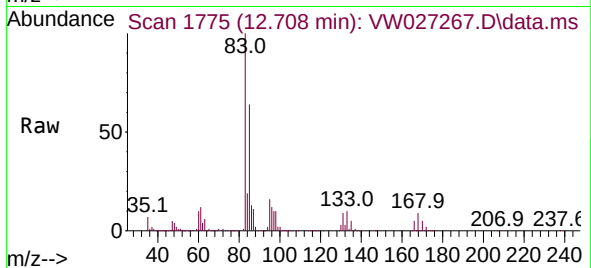
Tgt Ion: 83 Resp: 310011

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

131 8.9 7.6 11.4



#59

Bromoform

Concen: 29.188 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

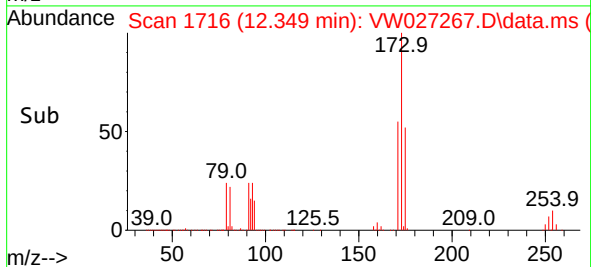
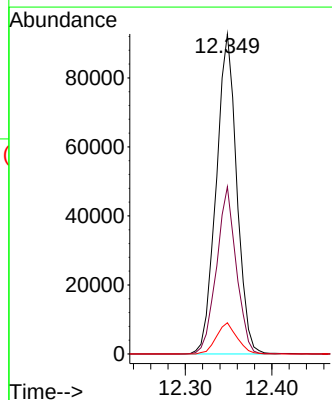
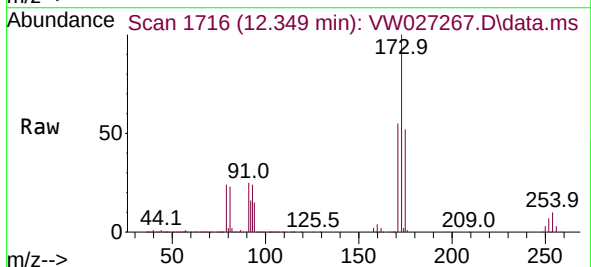
Tgt Ion: 173 Resp: 152647

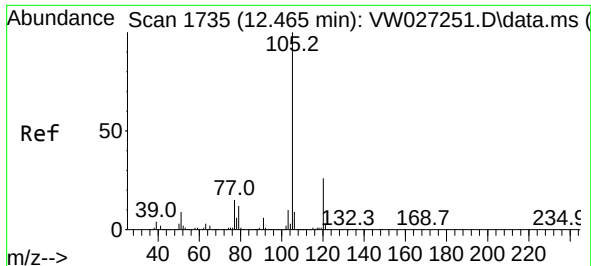
Ion Ratio Lower Upper

173 100

175 50.3 37.1 55.7

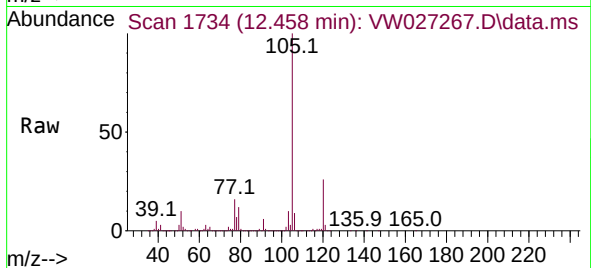
254 9.8 7.2 10.8



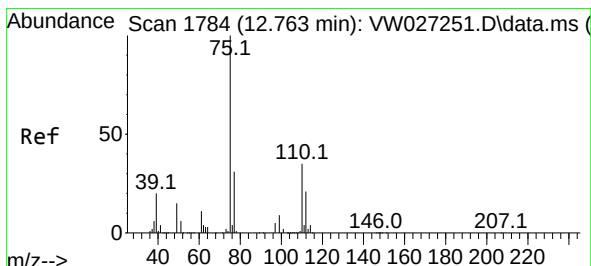
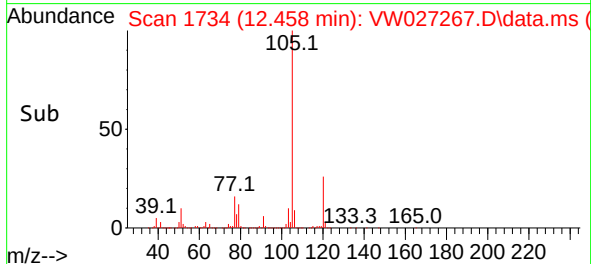
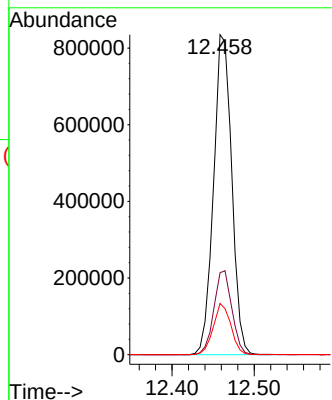


#60
Isopropylbenzene
Concen: 26.319 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Instrument :
MSVOA_W
ClientSampleId :

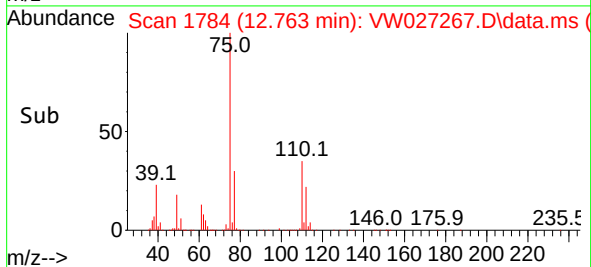
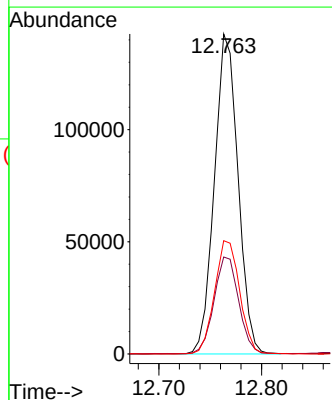
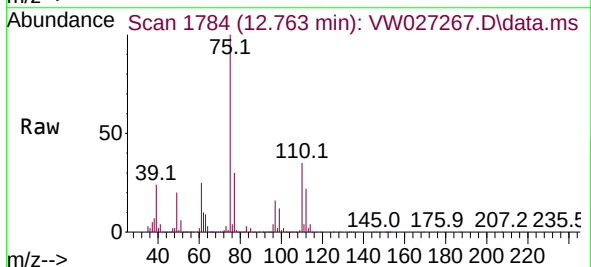


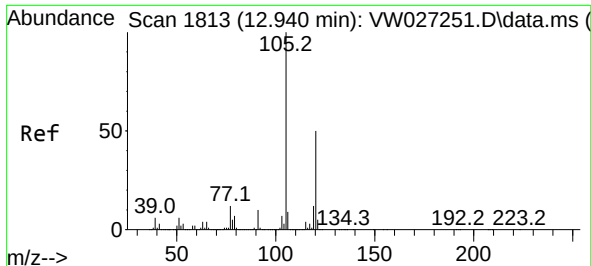
Tgt Ion:105 Resp: 1283531
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 33.561 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion: 75 Resp: 227560
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 37.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 24.541 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

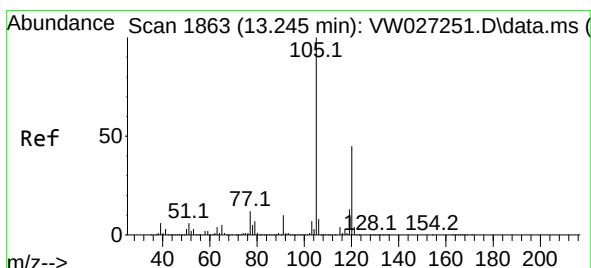
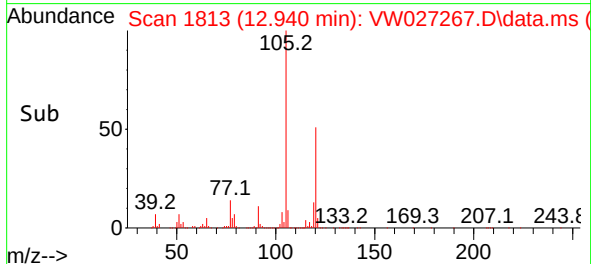
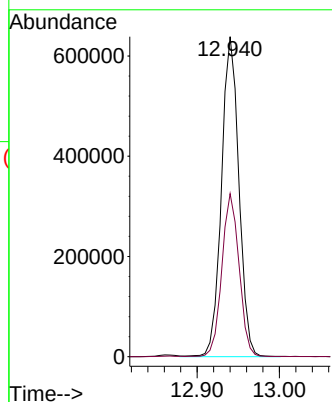
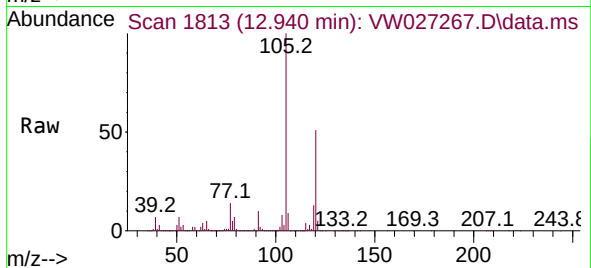
ClientSampleId :

Tgt Ion:105 Resp: 938359

Ion Ratio Lower Upper

105 100

120 50.2 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 24.447 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027267.D

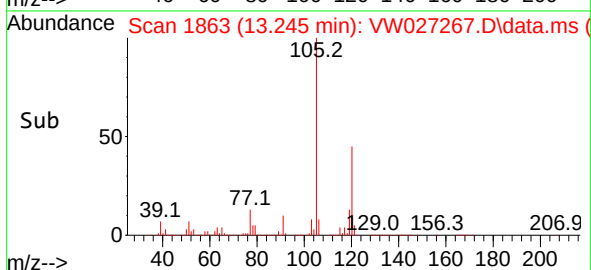
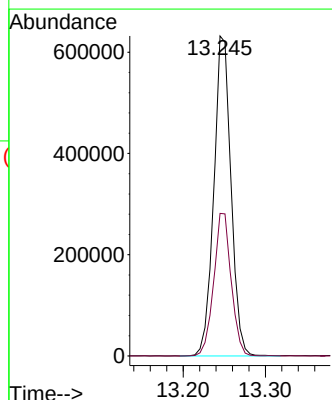
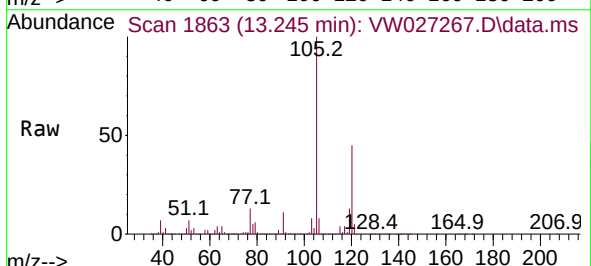
Acq: 06 Oct 2023 16:58

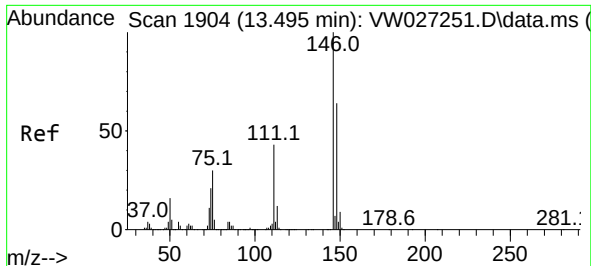
Tgt Ion:105 Resp: 916023

Ion Ratio Lower Upper

105 100

120 45.3 36.8 55.2

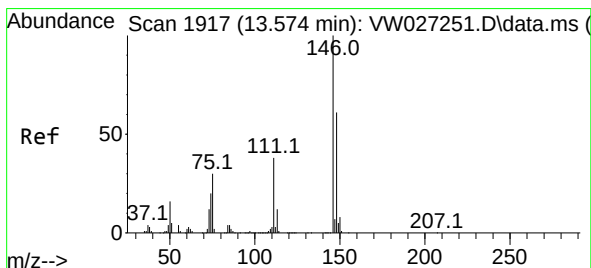
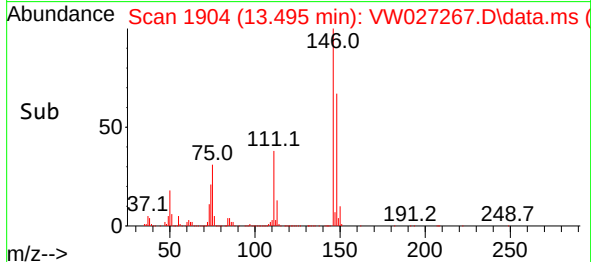
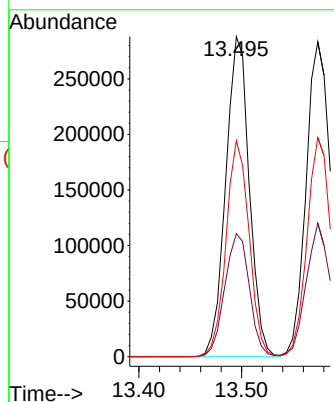
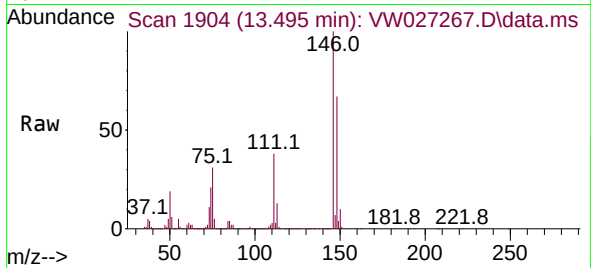




#64
1,3-Dichlorobenzene
Concen: 20.428 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

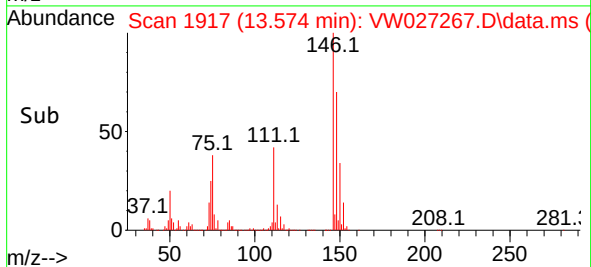
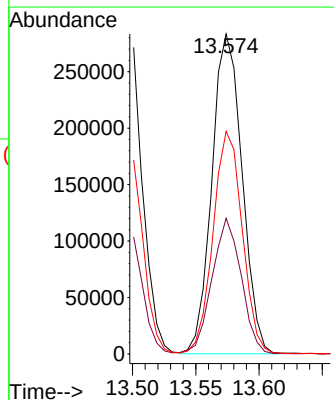
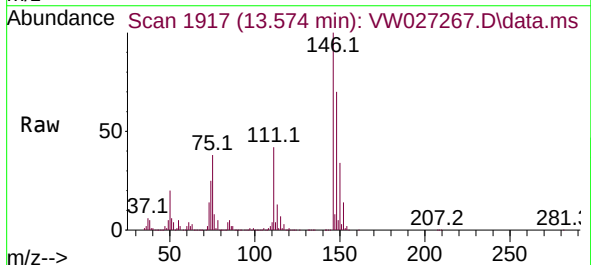
Instrument :
MSVOA_W
ClientSampleId :

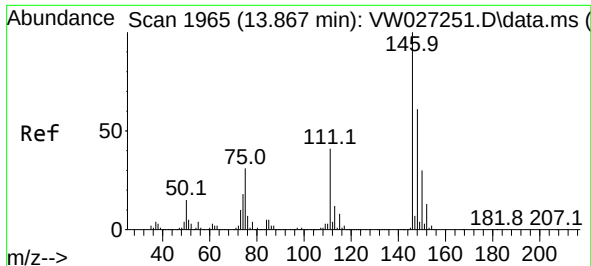
Tgt Ion:146 Resp: 459798
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 67.5 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 20.799 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion:146 Resp: 470334
Ion Ratio Lower Upper
146 100
111 42.4 26.9 50.1
148 69.5 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 20.822 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :

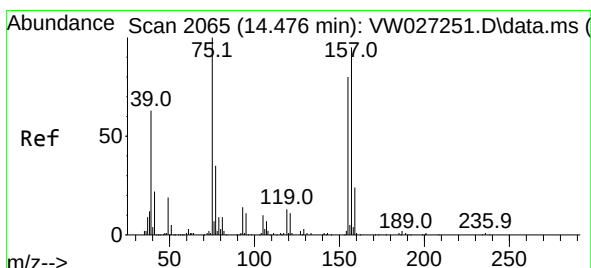
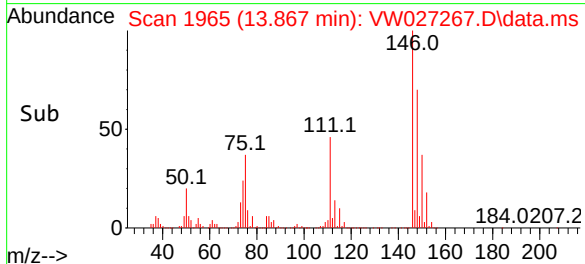
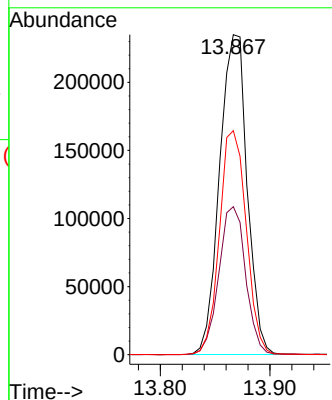
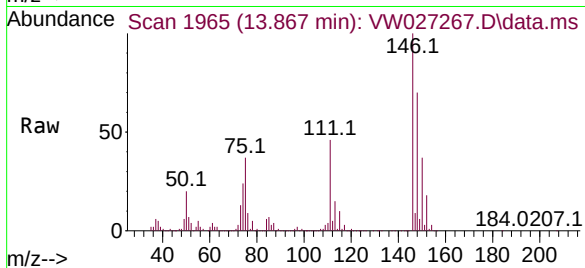
Tgt Ion:146 Resp: 410794

Ion Ratio Lower Upper

146 100

111 46.2 35.6 53.4

148 70.0 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 28.821 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

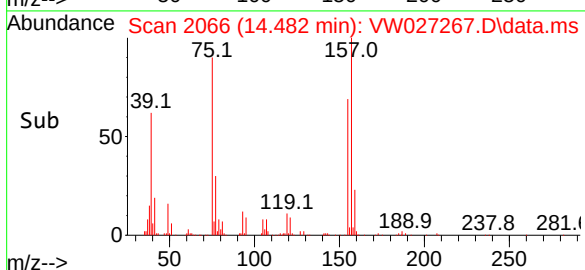
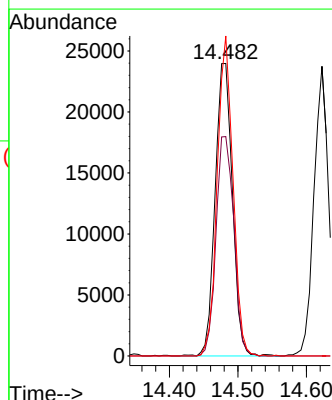
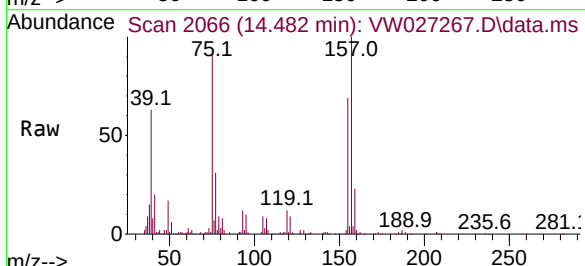
Tgt Ion: 75 Resp: 41860

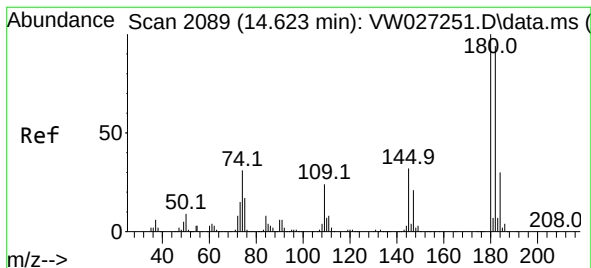
Ion Ratio Lower Upper

75 100

155 75.0 56.5 84.7

157 109.4 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 12.873 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

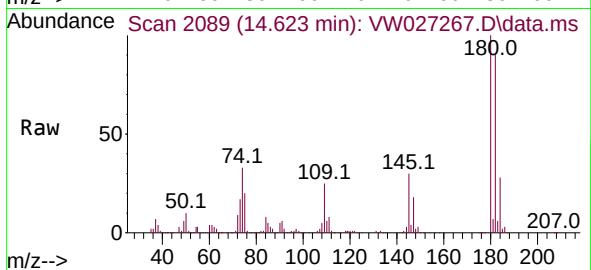
Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 186573

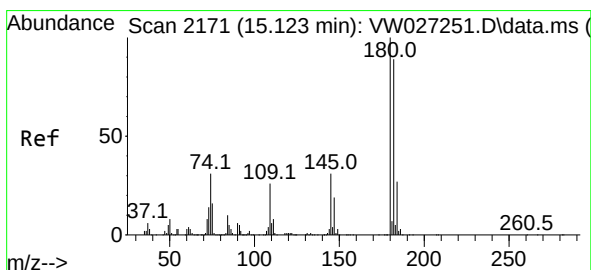
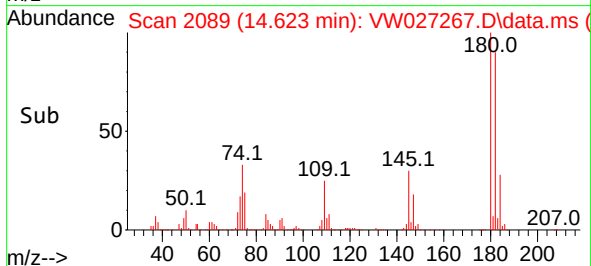
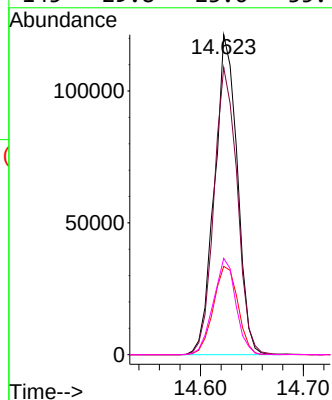
Ion Ratio Lower Upper

180 100

182 91.6 70.2 105.2

184 29.7 24.6 37.0

145 29.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 10.645 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027267.D

Acq: 06 Oct 2023 16:58

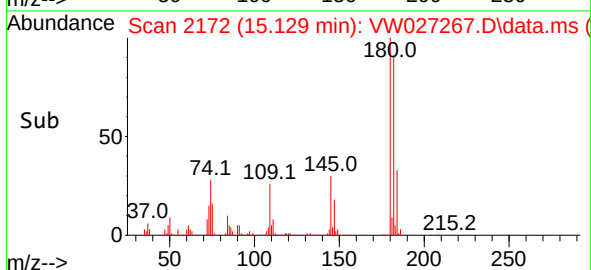
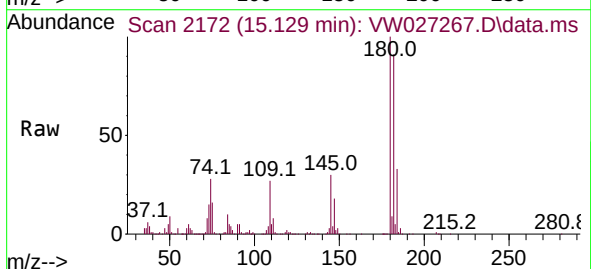
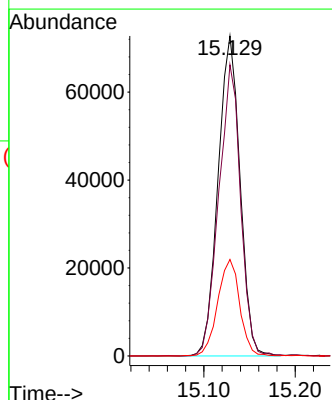
Tgt Ion:180 Resp: 121728

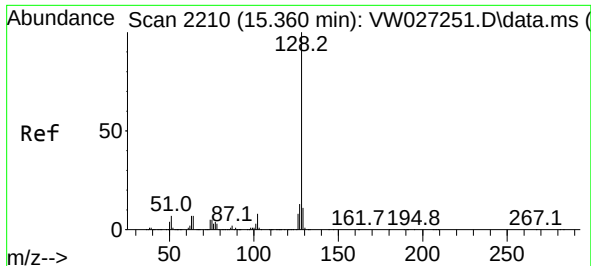
Ion Ratio Lower Upper

180 100

182 89.6 77.4 116.2

145 30.3 24.3 36.5

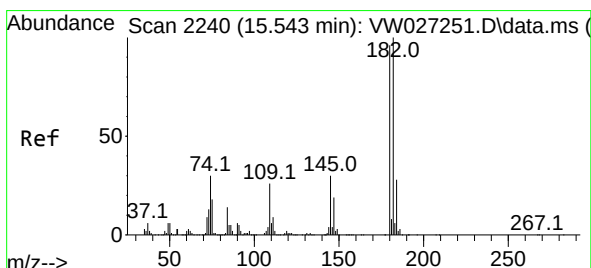
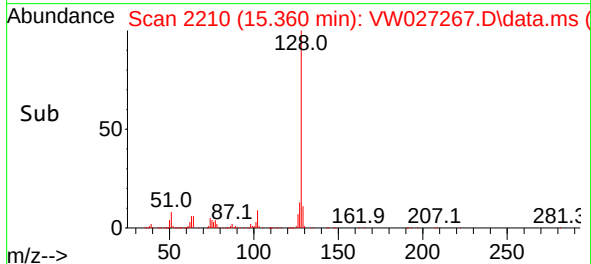
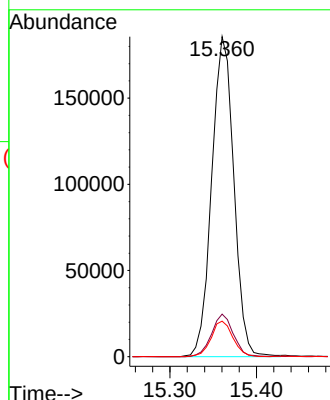
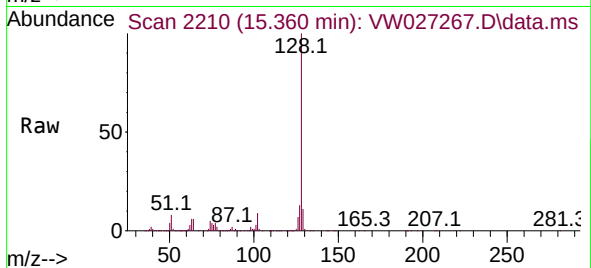




#71
Naphthalene
Concen: 16.320 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 329273
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 10.324 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW027267.D
Acq: 06 Oct 2023 16:58

Tgt Ion:180 Resp: 104792
Ion Ratio Lower Upper
180 100
182 98.4 74.7 112.1
145 33.4 26.4 39.6

