

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027613.D
 Acq On : 13 Dec 2023 22:33
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.70.g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	263802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	104217	19.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
7) Chloroethane-d5	2.905	69	83221	21.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	4.027	65	49056	21.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.081	46	55941	40.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.420%
24) Chloroform-d	7.648	84	194927	24.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.307	65	93269	23.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.276	84	388835	23.916	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.276	67	119008	24.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.325	98	338723	23.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.575	79	41576	22.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	39324	44.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90510	22.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	101871	24.914	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	97742	27.672	ug/L	99
3) Chloromethane	2.229	50	126229	29.179	ug/L	100
5) Vinyl chloride	2.375	62	136203	26.991	ug/L	99
6) Bromomethane	2.795	94	72553	27.397	ug/L	90
8) Chloroethane	2.936	64	77315	26.826	ug/L	98
9) Trichlorofluoromethane	3.277	101	180655	37.380	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	105833	25.681	ug/L	98
12) 1,1-Dichloroethene	4.045	96	105521	28.044	ug/L	93
13) Acetone	4.131	43	50732	37.831	ug/L	94
14) Carbon disulfide	4.393	76	329353	28.964	ug/L	100
15) Methyl Acetate	4.673	43	43453	18.540	ug/L	97
16) Methylene chloride	4.923	84	103644	24.093	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	102833	26.504	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	150383	24.030	ug/L	98
19) 1,1-Dichloroethane	6.222	63	207185	26.258	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	105384	25.292	ug/L	97
22) 2-Butanone	7.173	43	62869	36.340	ug/L	94
23) Bromochloromethane	7.520	128	40692	24.830	ug/L	95
25) Chloroform	7.679	83	187207	26.131	ug/L	91

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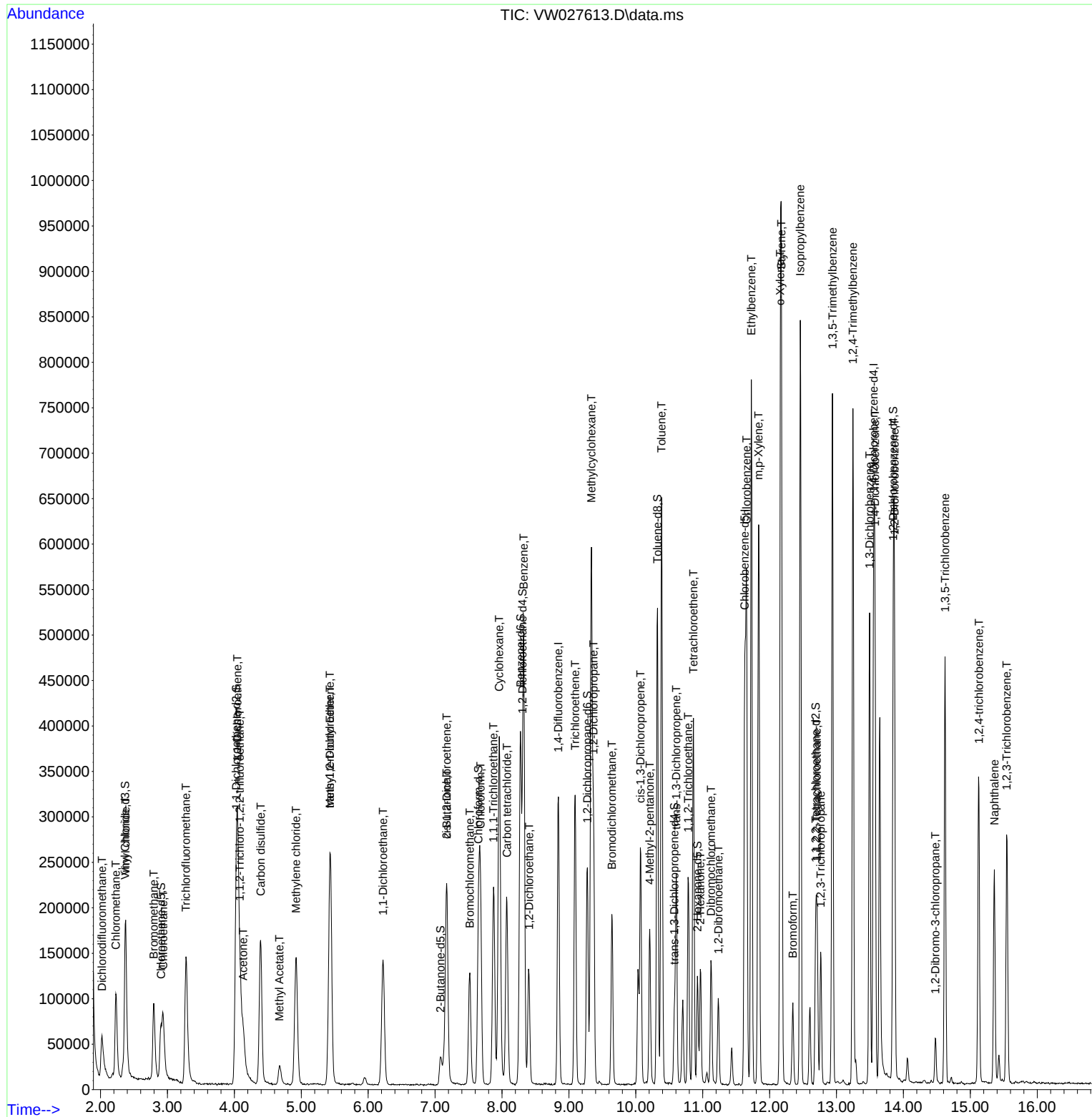
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	115602	24.966	ug/L	97
29) Cyclohexane	7.959	56	226682	29.870	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	174380	27.081	ug/L	99
31) Carbon tetrachloride	8.075	117	153828	27.388	ug/L	100
33) Benzene	8.325	78	434877	27.296	ug/L	100
34) Trichloroethene	9.093	95	116350	26.737	ug/L	98
35) Methylcyclohexane	9.337	83	230071	29.692	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110559	26.283	ug/L	99
38) Bromodichloromethane	9.642	83	126178	25.947	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	154346	25.418	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	119223	41.931	ug/L	99
42) Toluene	10.386	91	457260	27.136	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	122343	24.976	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	69935	23.873	ug/L	98
46) Tetrachloroethene	10.861	164	82580	26.618	ug/L	97
48) 2-Hexanone	10.965	43	82590	41.215	ug/L	97
49) Dibromochloromethane	11.123	129	70561	24.367	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64444	24.045	ug/L	99
51) Chlorobenzene	11.654	112	267106	26.274	ug/L	98
52) Ethylbenzene	11.727	91	525116	27.434	ug/L	95
53) m,p-Xylene	11.837	106	193195	27.391	ug/L	98
54) o-Xylene	12.160	106	175793	27.423	ug/L	94
55) Styrene	12.178	104	291034	26.599	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	85657	22.460	ug/L	95
59) Bromoform	12.349	173	36557	22.377	ug/L	100
60) Isopropylbenzene	12.458	105	530031	27.521	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61652	21.913	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	396061	27.804	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380095	26.792	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	196447	26.629	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	189359	25.734	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	174026	26.184	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13641	20.157	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	125367	25.272	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	97624	25.342	ug/L	99
71) Naphthalene	15.360	128	192349	23.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	88008	26.670	ug/L	97

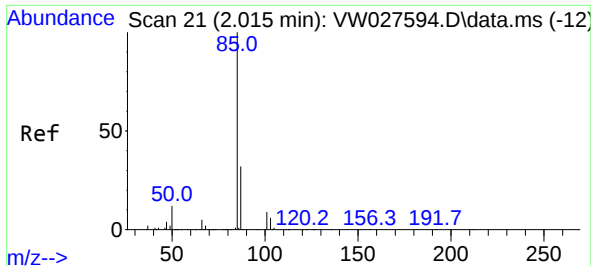
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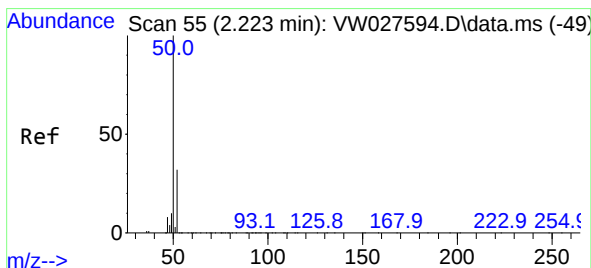
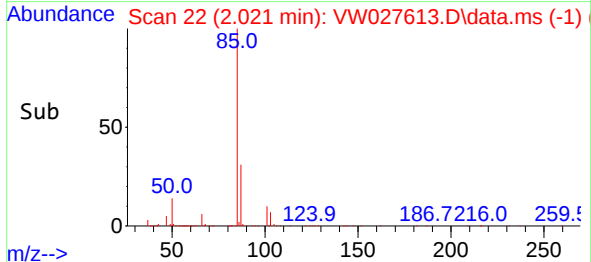
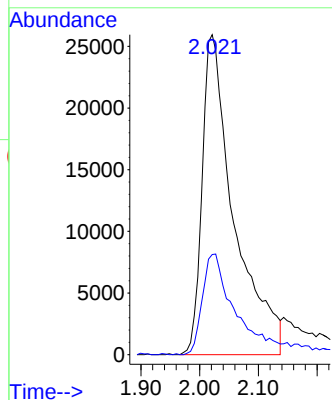
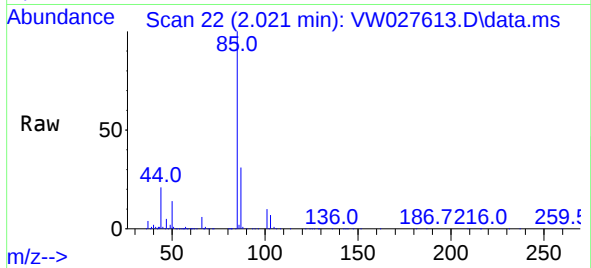




#2
Dichlorodifluoromethane
Concen: 27.672 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

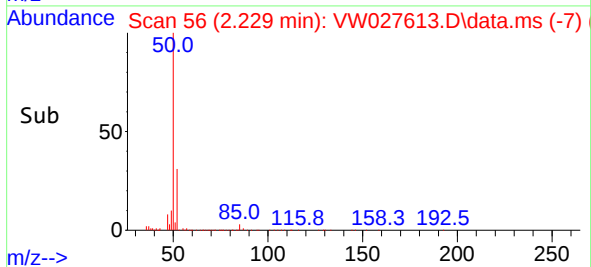
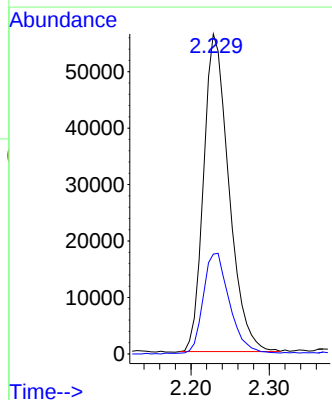
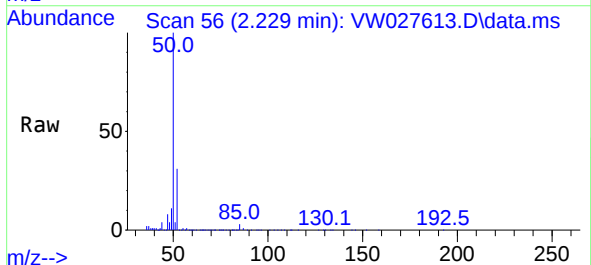
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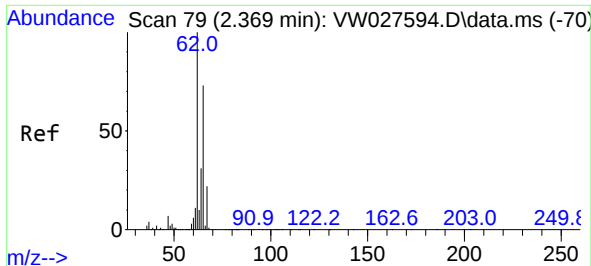
Tgt Ion: 85 Resp: 97742
Ion Ratio Lower Upper
85 100
87 29.5 24.0 36.0



#3
Chloromethane
Concen: 29.179 ug/L
RT: 2.229 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 50 Resp: 126229
Ion Ratio Lower Upper
50 100
52 31.2 21.8 40.6

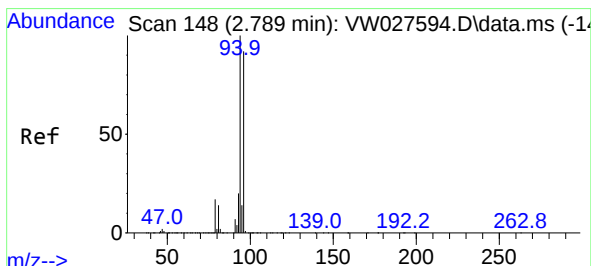
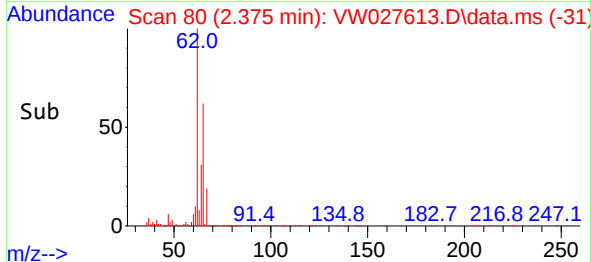
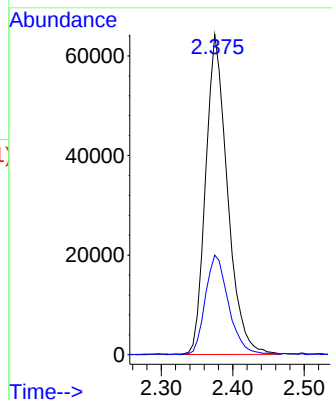
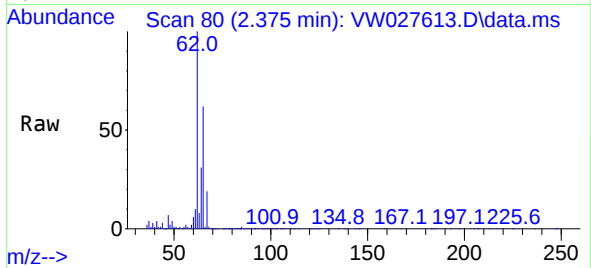




#5
 Vinyl chloride
 Concen: 26.991 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027613.D
 Acq: 13 Dec 2023 22:33

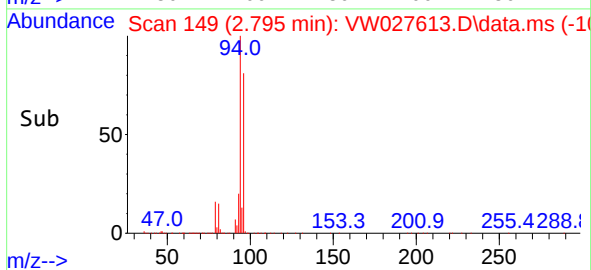
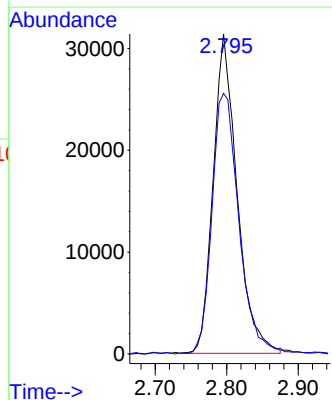
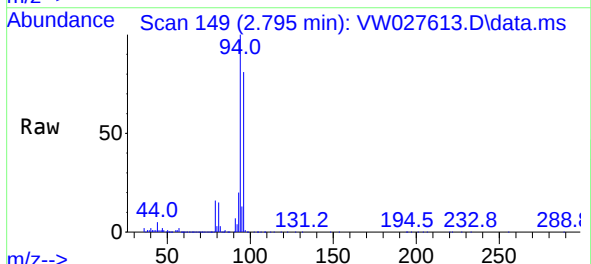
Instrument :
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 ClientSampleId :

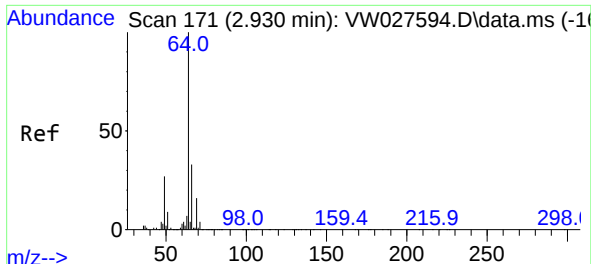
Tgt Ion: 62 Resp: 136203
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.2 41.2



#6
 Bromomethane
 Concen: 27.397 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VW027613.D
 Acq: 13 Dec 2023 22:33

Tgt Ion: 94 Resp: 72553
 Ion Ratio Lower Upper
 94 100
 96 81.4 63.3 117.7

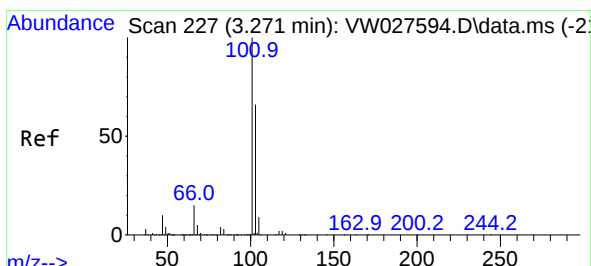
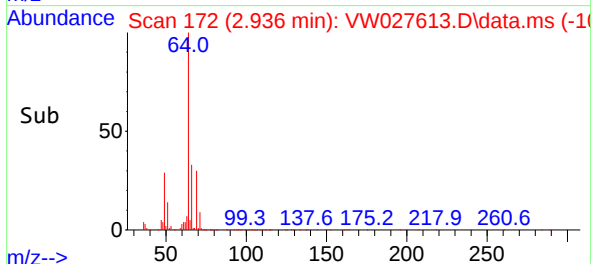
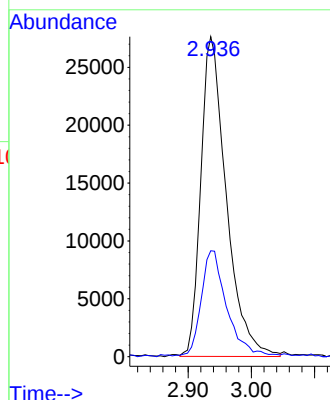
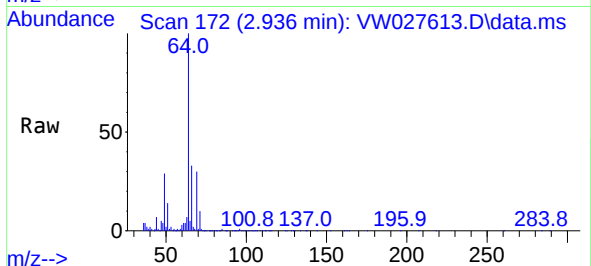




#8
Chloroethane
Concen: 26.826 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

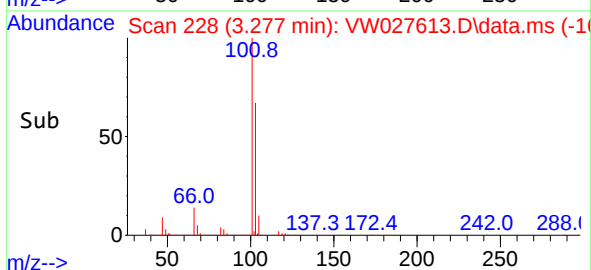
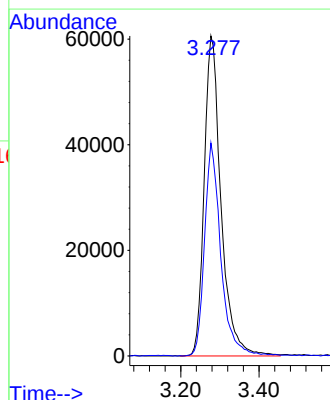
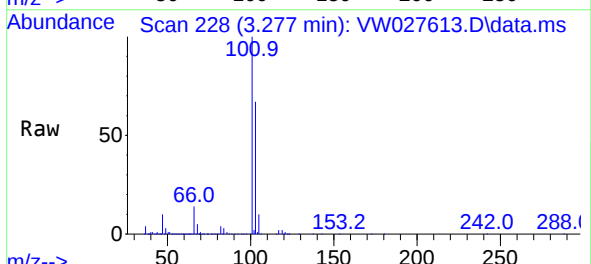
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ClientSampleId :

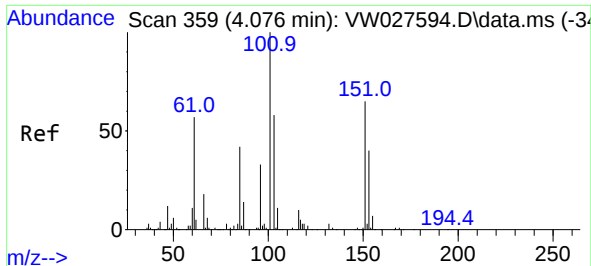
Tgt Ion: 64 Resp: 77315
Ion Ratio Lower Upper
64 100
66 33.1 24.1 44.7



#9
Trichlorofluoromethane
Concen: 37.380 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:101 Resp: 180655
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

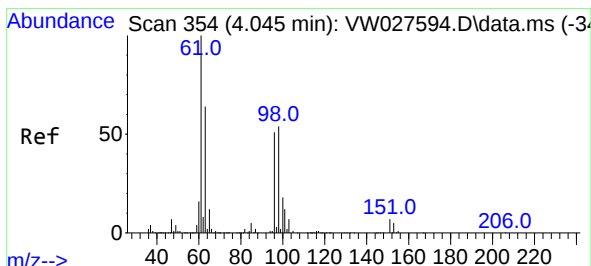
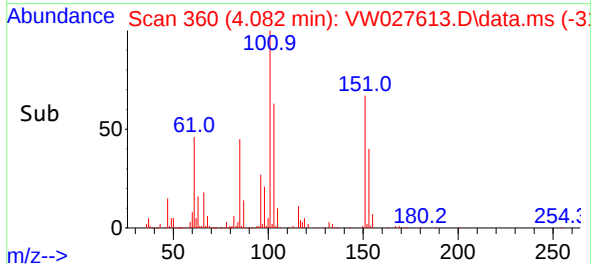
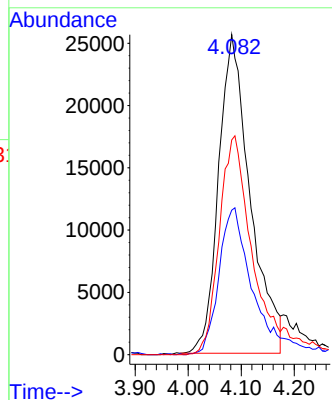
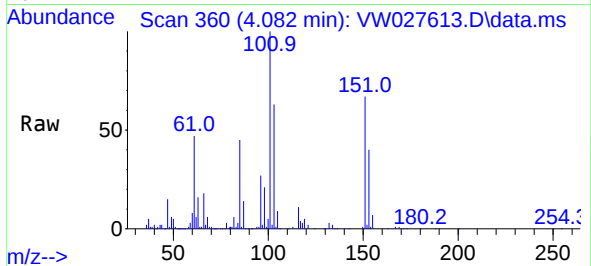




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.681 ug/L
RT: 4.082 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

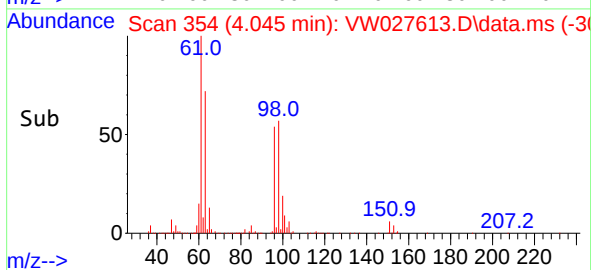
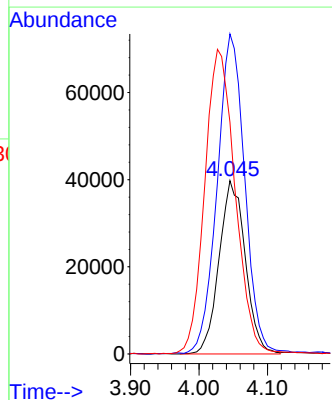
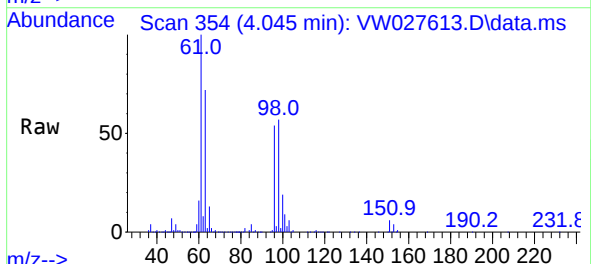
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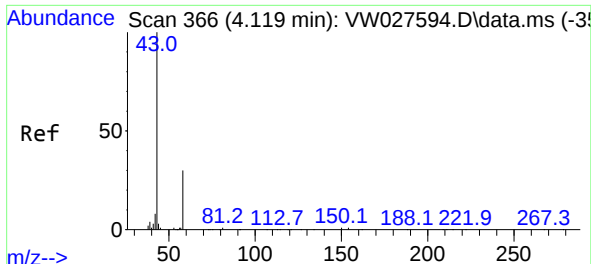
Tgt Ion:101 Resp: 105833
Ion Ratio Lower Upper
101 100
85 44.9 33.9 50.9
151 69.2 54.6 81.8



#12
1,1-Dichloroethene
Concen: 28.044 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 96 Resp: 105521
Ion Ratio Lower Upper
96 100
61 184.7 127.8 237.4
63 133.8 104.9 194.7

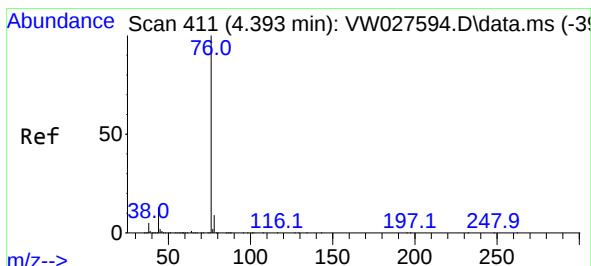
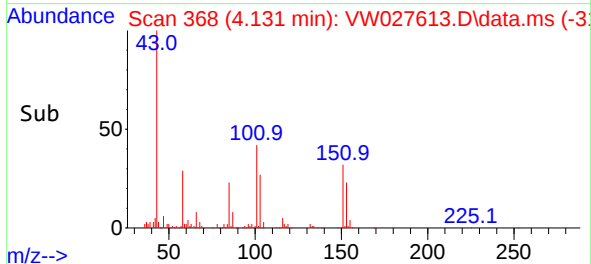
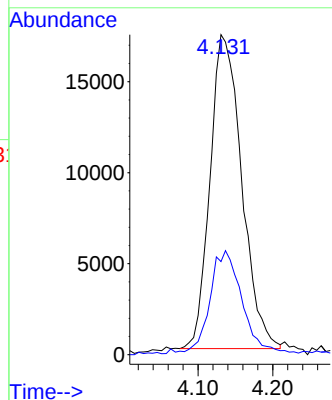
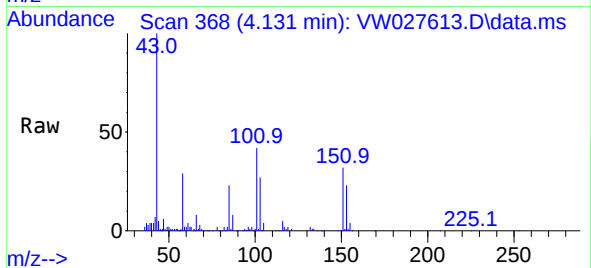




#13
Acetone
Concen: 37.831 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

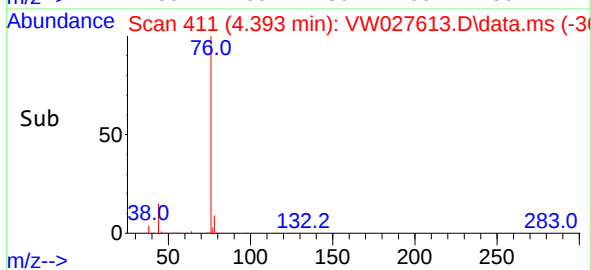
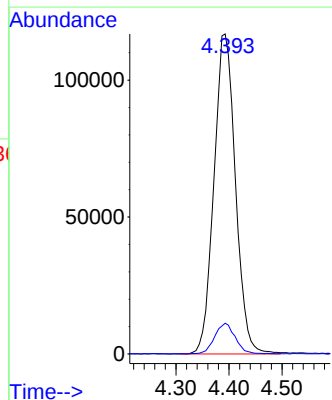
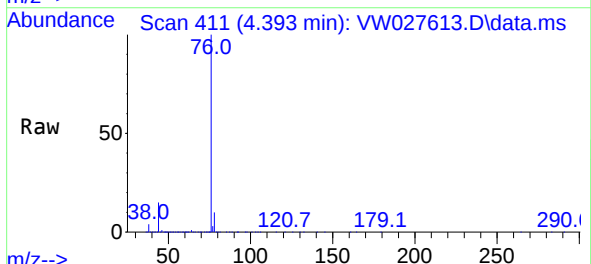
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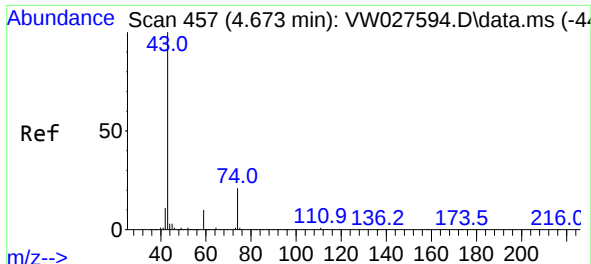
Tgt Ion: 43 Resp: 50732
Ion Ratio Lower Upper
43 100
58 33.3 0.0 60.0



#14
Carbon disulfide
Concen: 28.964 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027613.D
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Tgt Ion: 76 Resp: 329353
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

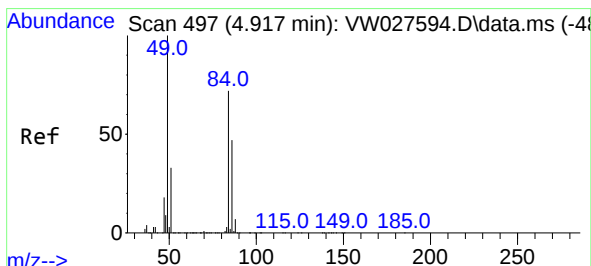
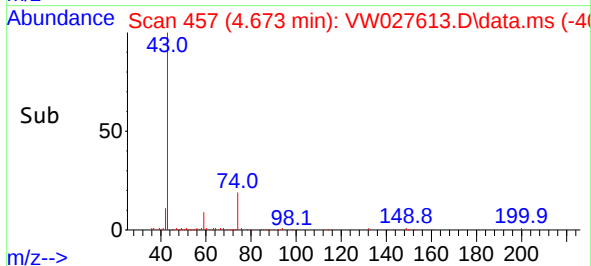
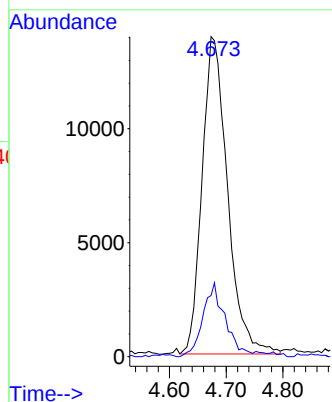
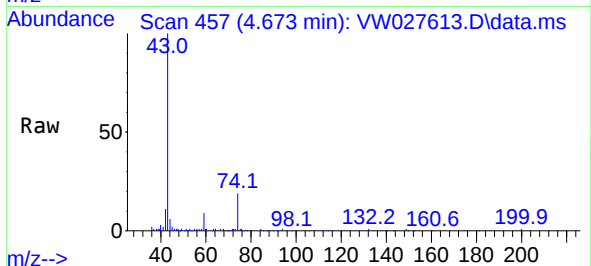




#15
Methyl Acetate
Concen: 18.540 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

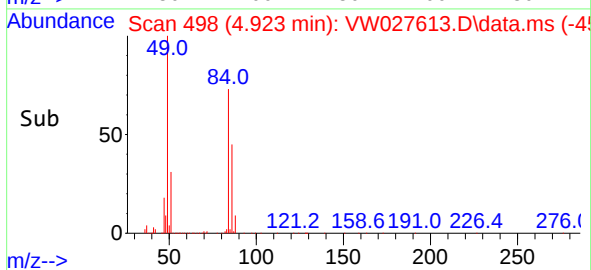
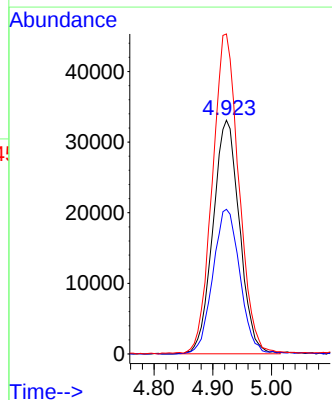
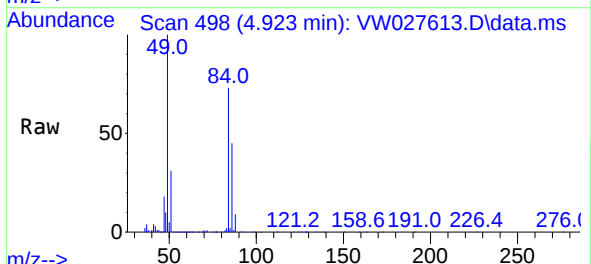
Instrument :
MSVOA_W
ClientSampleId :

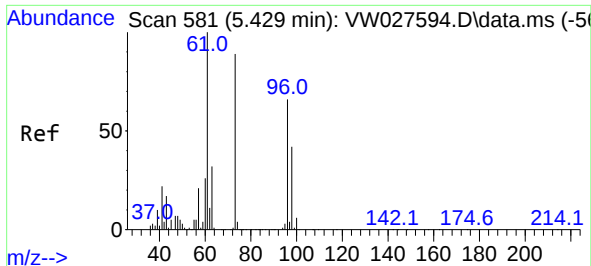
Tgt Ion: 43 Resp: 43453
Ion Ratio Lower Upper
43 100
74 19.4 16.8 25.2



#16
Methylene chloride
Concen: 24.093 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 84 Resp: 103644
Ion Ratio Lower Upper
84 100
86 61.8 47.7 88.7
49 136.8 97.4 181.0

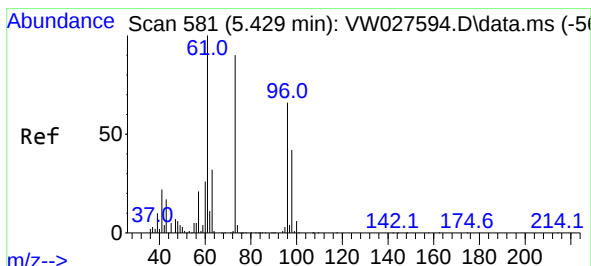
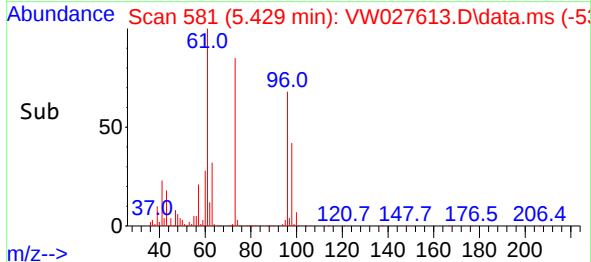
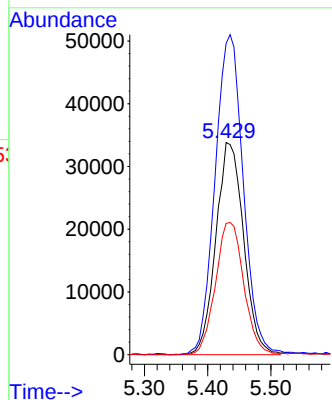
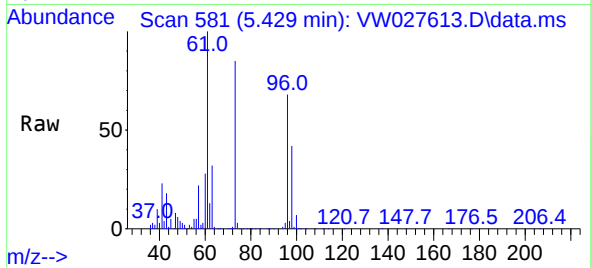




#17
trans-1,2-Dichloroethene
Concen: 26.504 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

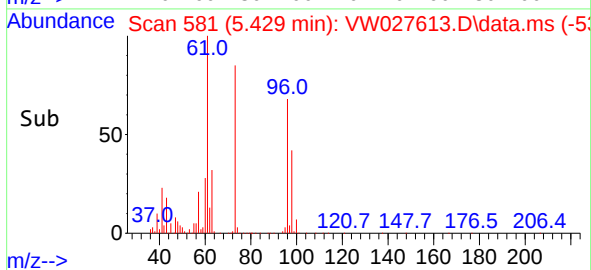
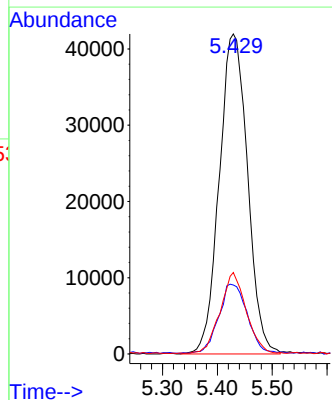
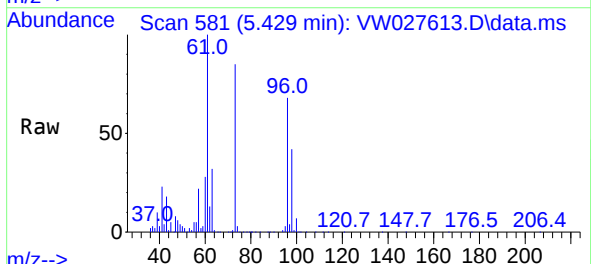
Instrument :
MSVOA_W
ClientSampleId :

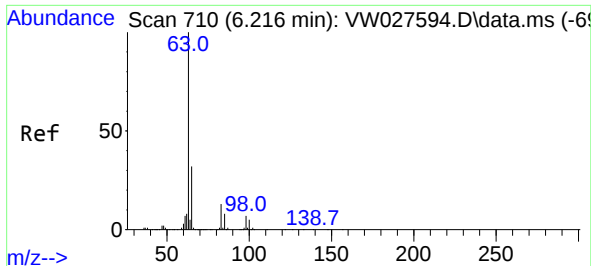
Tgt Ion: 96 Resp: 102833
Ion Ratio Lower Upper
96 100
61 146.7 109.6 203.6
98 61.9 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 24.030 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 73 Resp: 150383
Ion Ratio Lower Upper
73 100
43 21.7 17.8 26.6
57 23.3 19.9 29.9





#19

1,1-Dichloroethane

Concen: 26.258 ug/L

RT: 6.222 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

ClientSampleId :

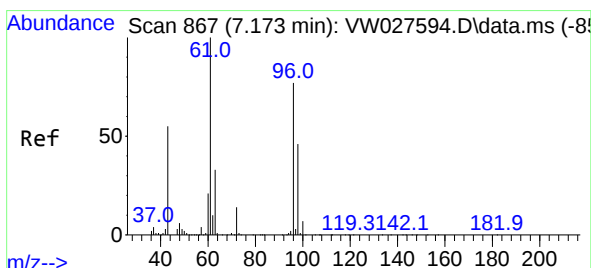
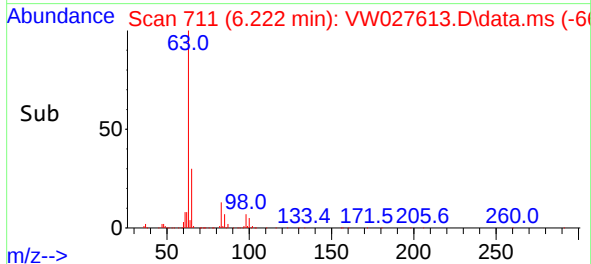
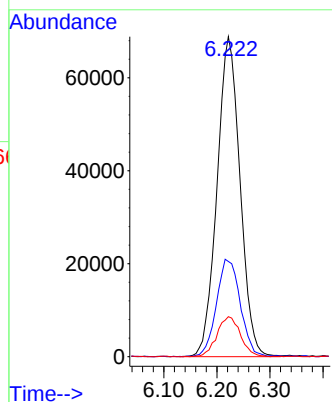
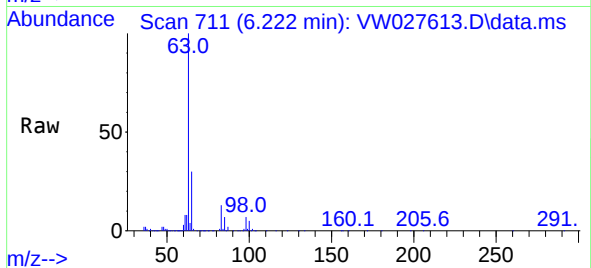
Tgt Ion: 63 Resp: 207185

Ion Ratio Lower Upper

63 100

65 29.8 22.0 40.8

83 12.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.292 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

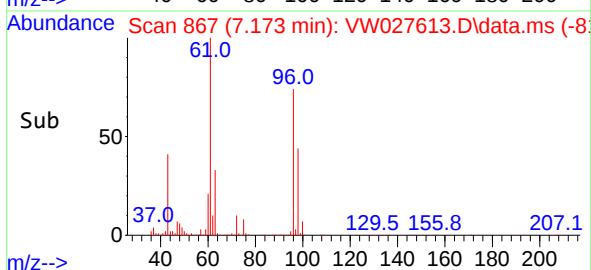
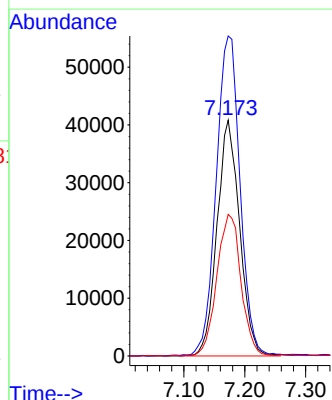
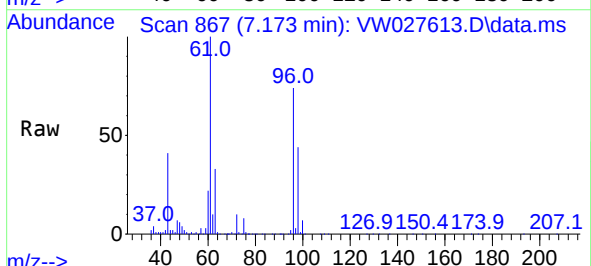
Tgt Ion: 96 Resp: 105384

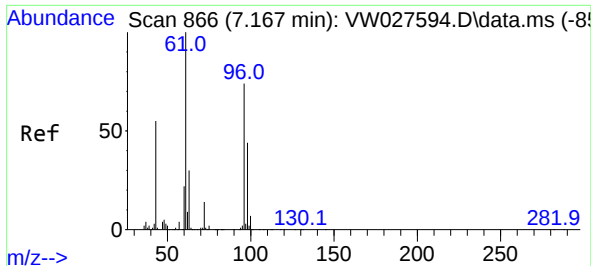
Ion Ratio Lower Upper

96 100

61 135.6 94.0 174.6

98 60.0 45.1 83.7

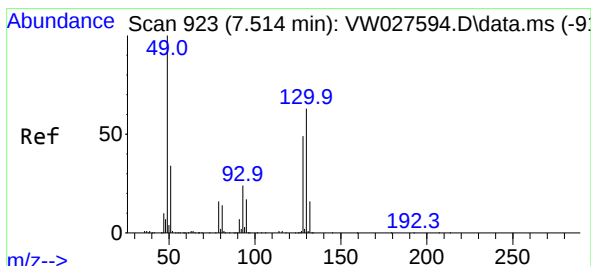
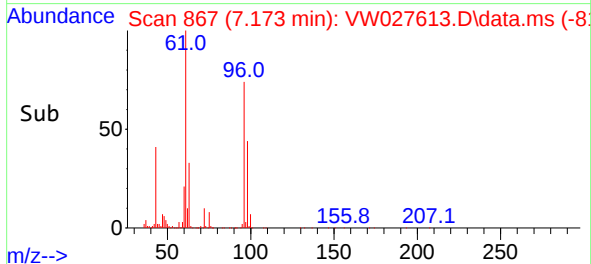
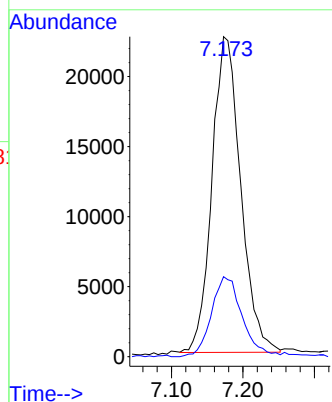
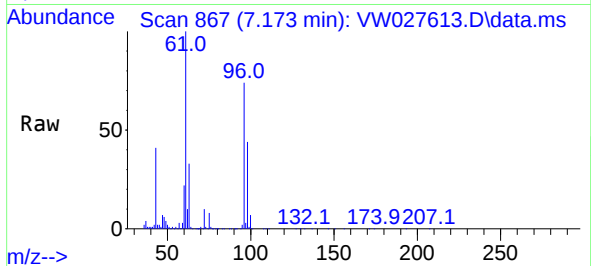




#22
2-Butanone
Concen: 36.340 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

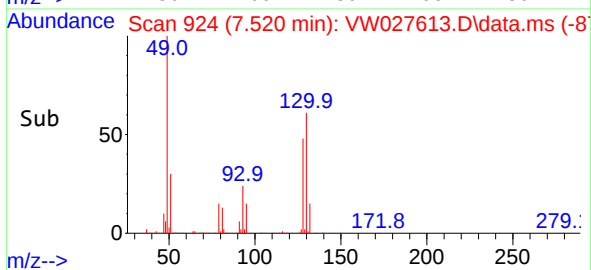
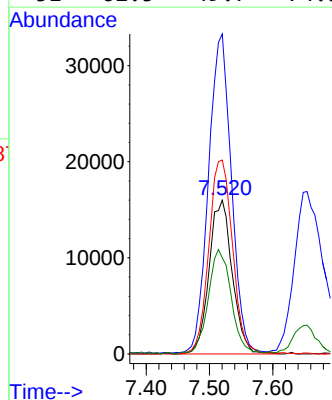
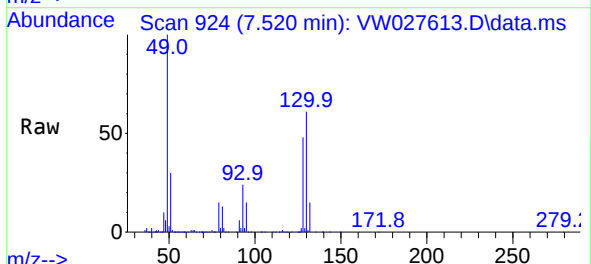
Instrument :
MSVOA_W
ClientSampleId :

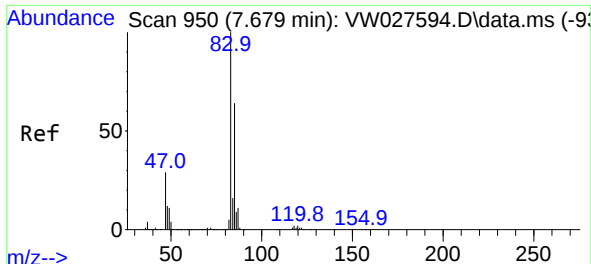
Tgt Ion: 43 Resp: 62869
Ion Ratio Lower Upper
43 100
72 26.7 11.9 35.9



#23
Bromochloromethane
Concen: 24.830 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:128 Resp: 40692
Ion Ratio Lower Upper
128 100
49 208.1 137.8 256.0
130 126.1 91.2 169.4
51 62.5 49.7 74.5





#25

Chloroform

Concen: 26.131 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

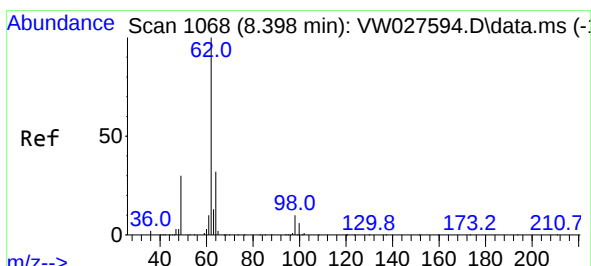
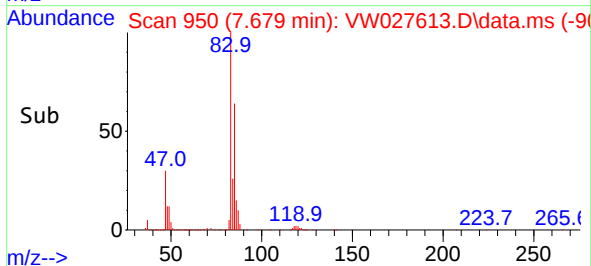
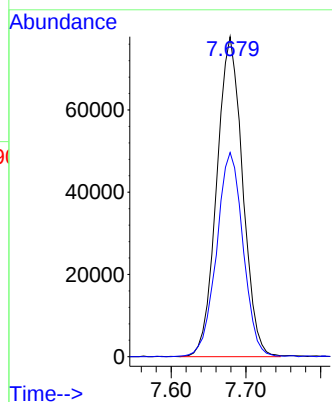
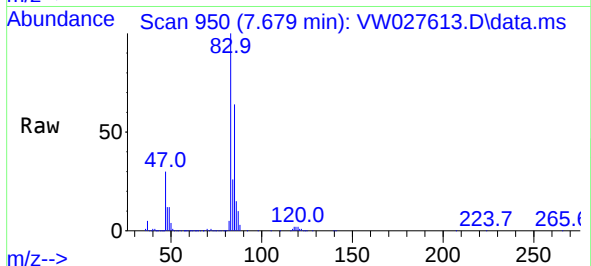
ClientSampleId :

Tgt Ion: 83 Resp: 187207

Ion Ratio Lower Upper

83 100

85 63.8 49.8 92.6



#27

1,2-Dichloroethane

Concen: 24.966 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW027613.D

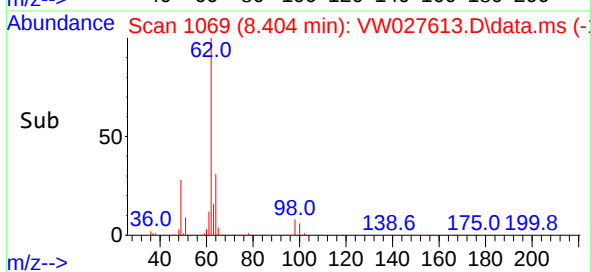
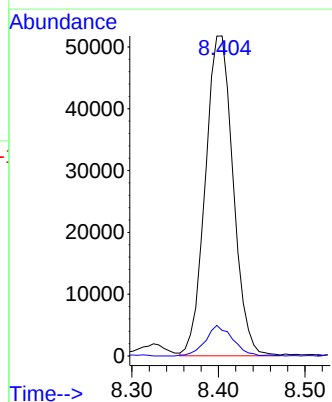
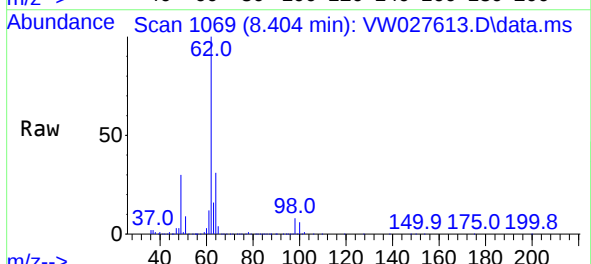
Acq: 13 Dec 2023 22:33

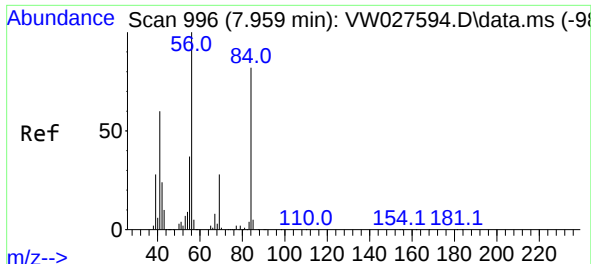
Tgt Ion: 62 Resp: 115602

Ion Ratio Lower Upper

62 100

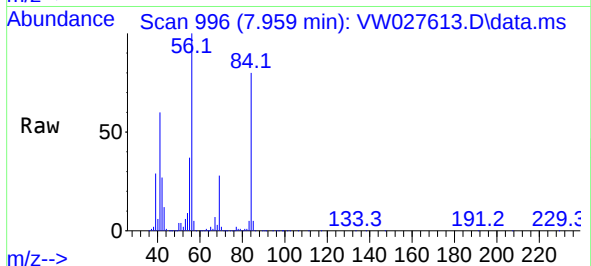
98 8.0 7.4 11.0



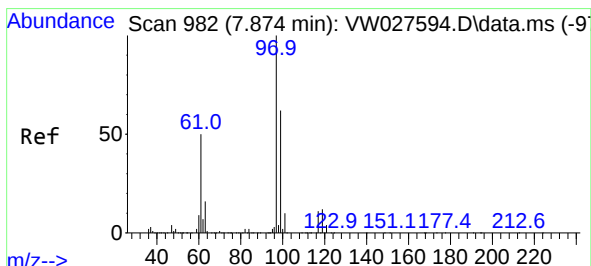
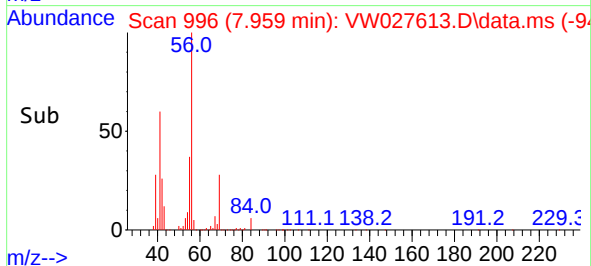
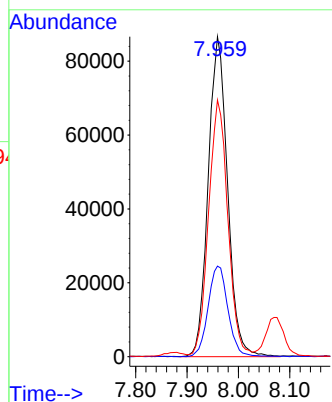


#29
Cyclohexane
Concen: 29.870 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :

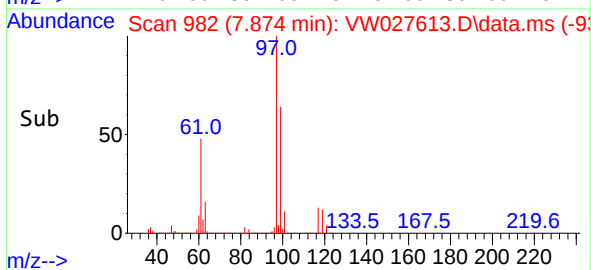
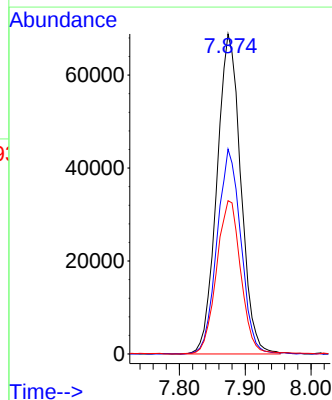
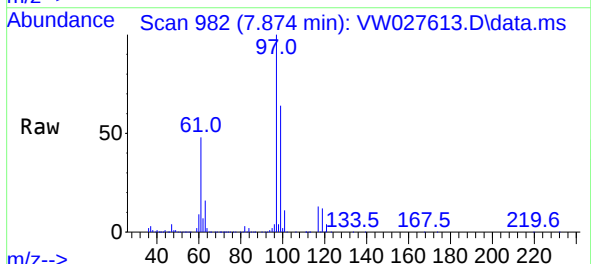


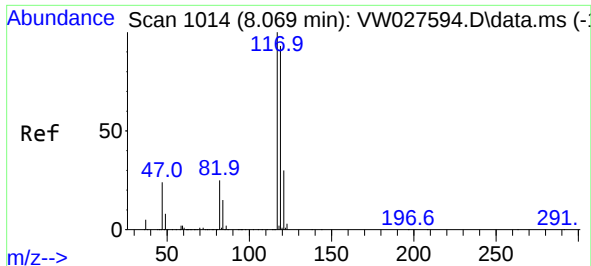
Tgt Ion: 56 Resp: 226682
Ion Ratio Lower Upper
56 100
69 29.1 24.1 36.1
84 79.7 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 27.081 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 97 Resp: 174380
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 48.9 39.0 58.4

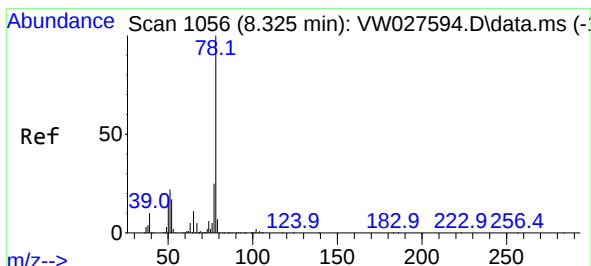
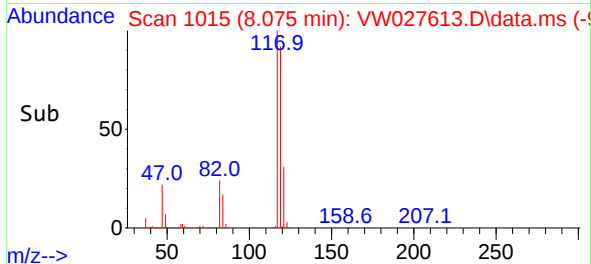
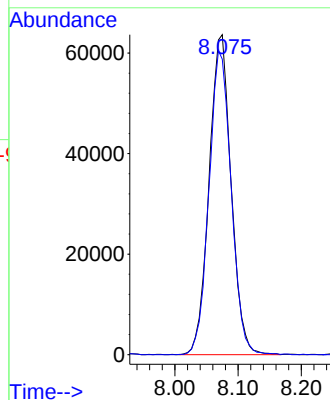
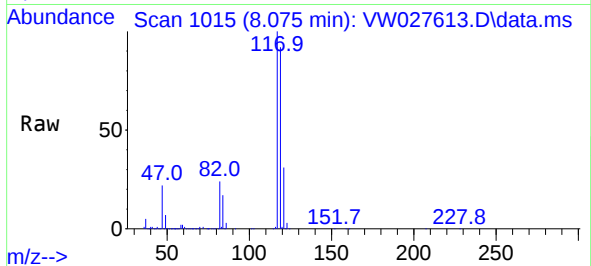




#31
Carbon tetrachloride
Concen: 27.388 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

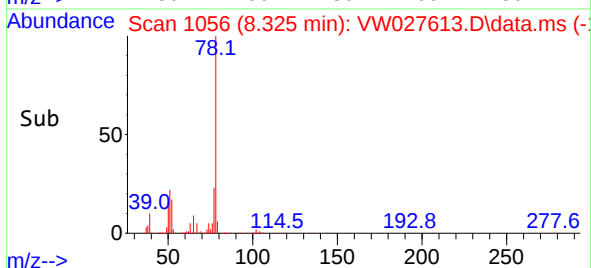
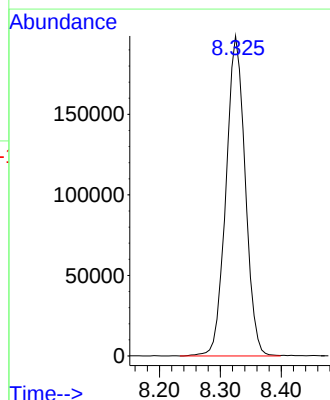
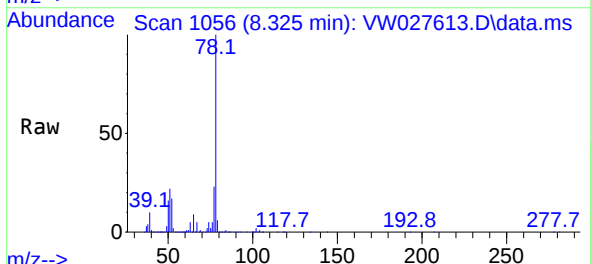
Instrument :
MSVOA_W
ClientSampleId :

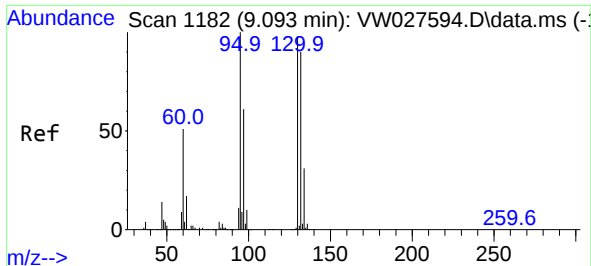
Tgt Ion:117 Resp: 153828
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6



#33
Benzene
Concen: 27.296 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

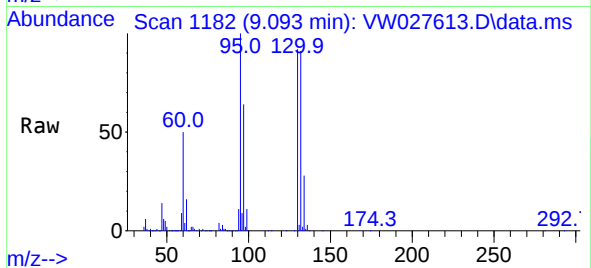
Tgt Ion: 78 Resp: 434877





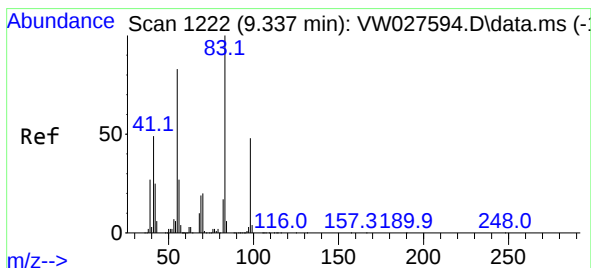
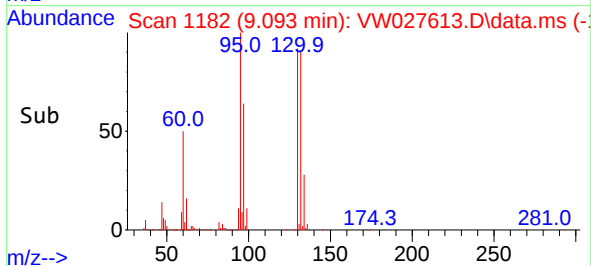
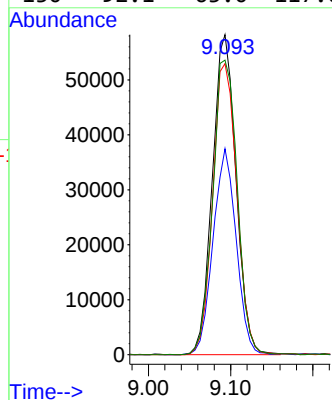
#34
Trichloroethene
Concen: 26.737 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 116350

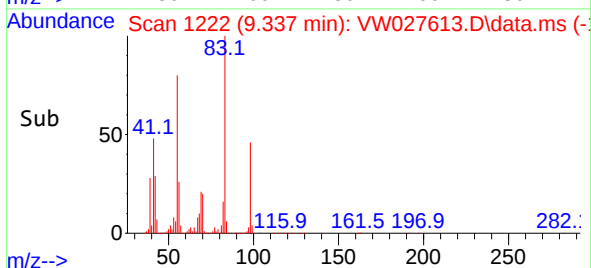
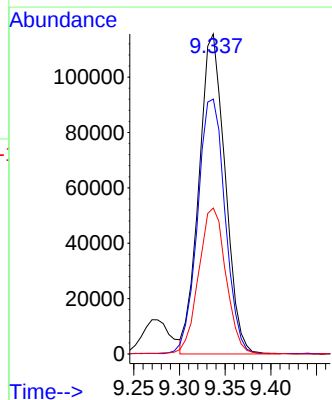
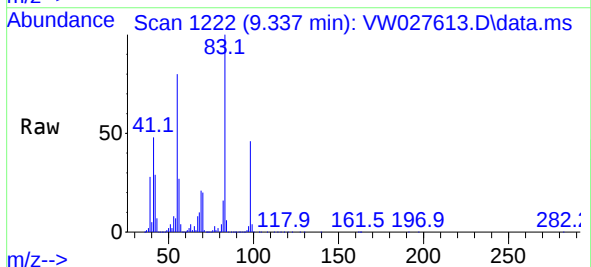
Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.0	80.0
132	91.0	64.1	119.1
130	92.1	63.0	117.0

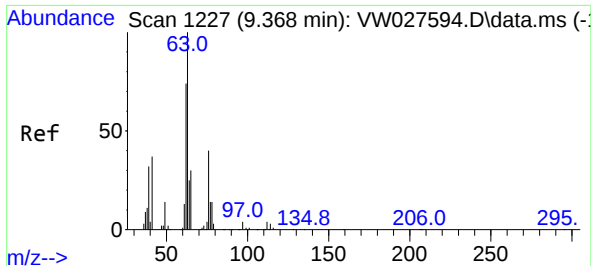


#35
Methylcyclohexane
Concen: 29.692 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 83 Resp: 230071

Ion	Ratio	Lower	Upper
83	100		
55	83.5	65.6	98.4
98	47.6	38.3	57.5





#37

1,2-Dichloropropane

Concen: 26.283 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

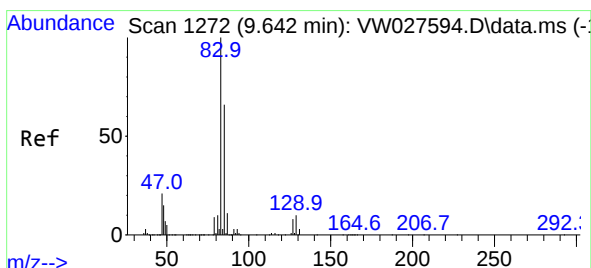
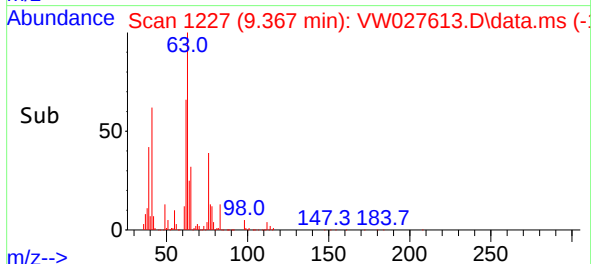
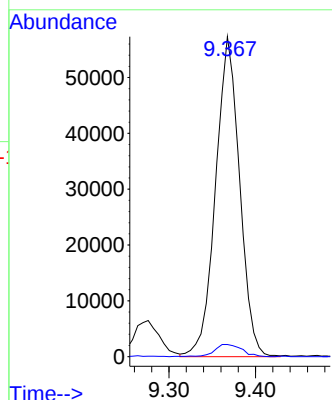
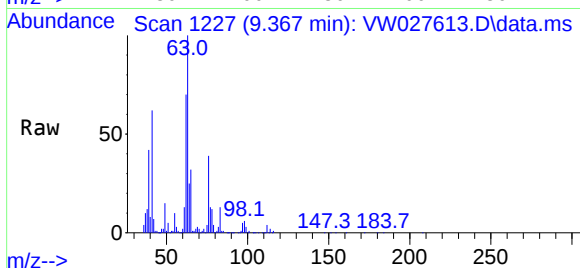
ClientSampleId :

Tgt Ion: 63 Resp: 110559

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.947 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

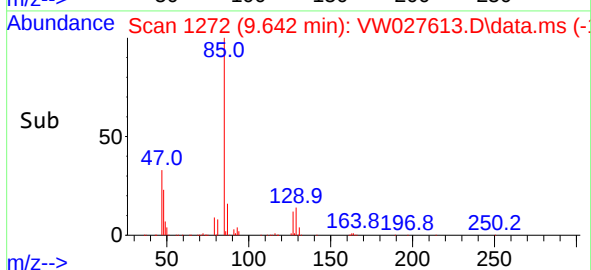
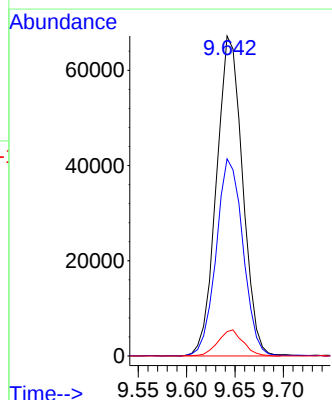
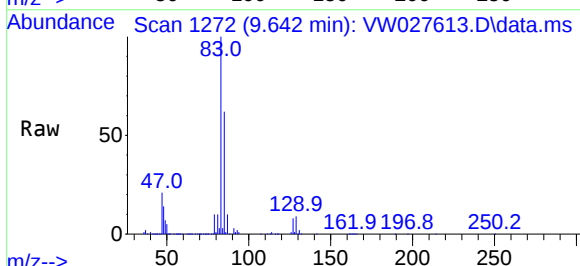
Tgt Ion: 83 Resp: 126178

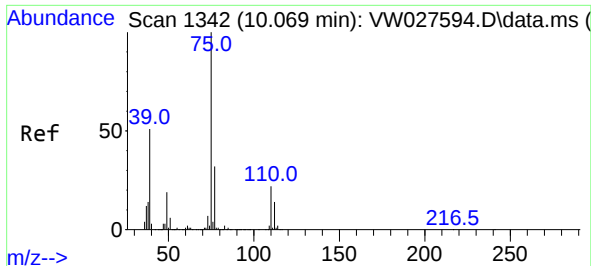
Ion Ratio Lower Upper

83 100

85 61.6 44.3 82.3

127 7.6 5.3 7.9

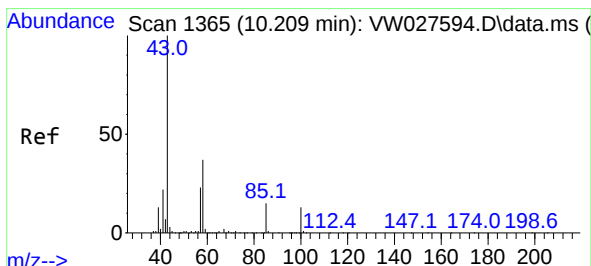
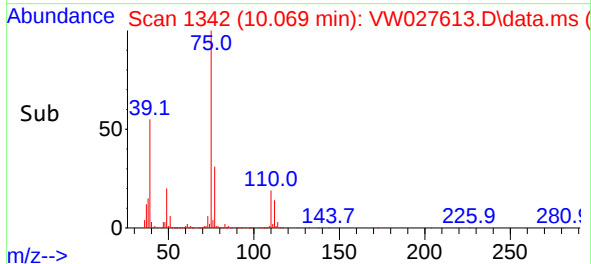
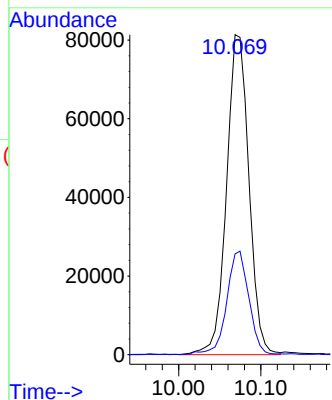
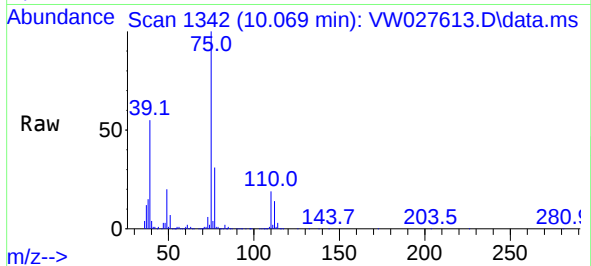




#39
 cis-1,3-Dichloropropene
 Concen: 25.418 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW027613.D
 Acq: 13 Dec 2023 22:33

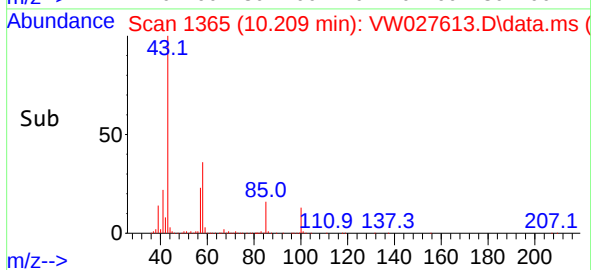
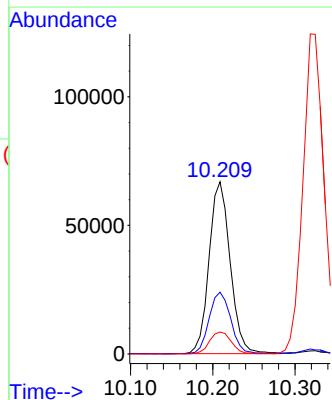
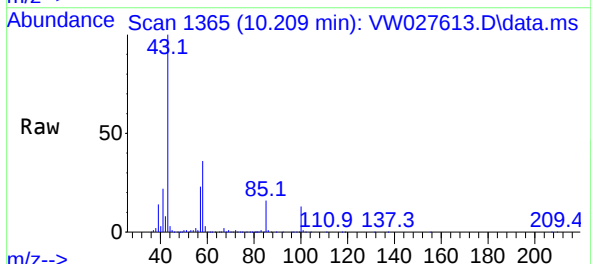
Instrument :
 MSVOA_W
 ClientSampleId :

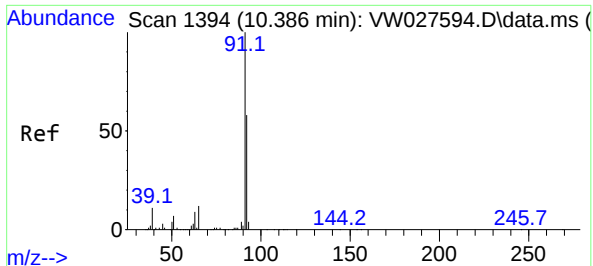
Tgt Ion: 75 Resp: 154346
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 41.931 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027613.D
 Acq: 13 Dec 2023 22:33

Tgt Ion: 43 Resp: 119223
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.6 44.4
 100 13.3 11.1 16.7

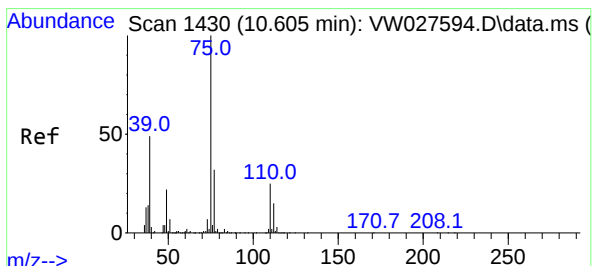
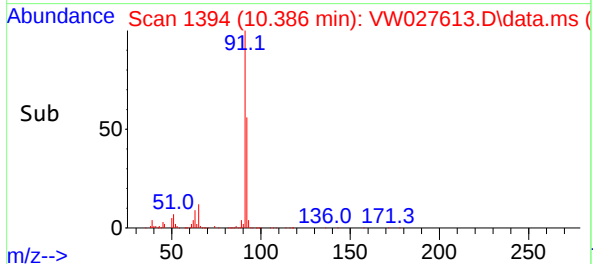
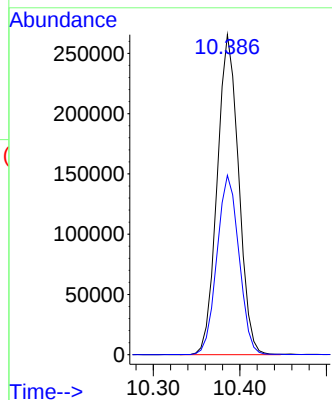
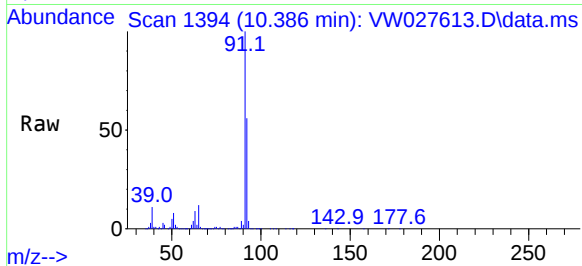




#42
Toluene
Concen: 27.136 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

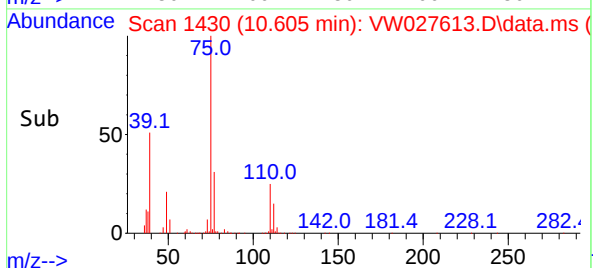
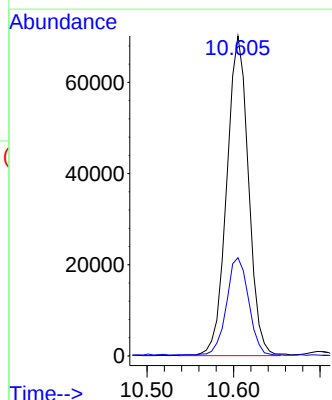
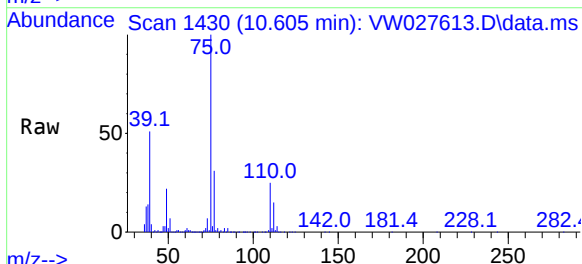
Instrument :
MSVOA_W
ClientSampleId :

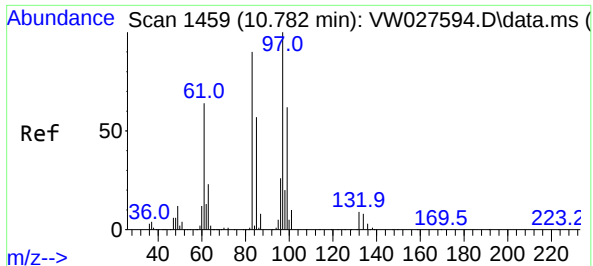
Tgt Ion: 91 Resp: 457260
Ion Ratio Lower Upper
91 100
92 56.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 24.976 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 75 Resp: 122343
Ion Ratio Lower Upper
75 100
77 30.7 23.7 44.1



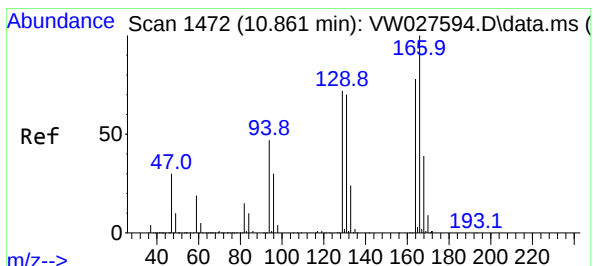
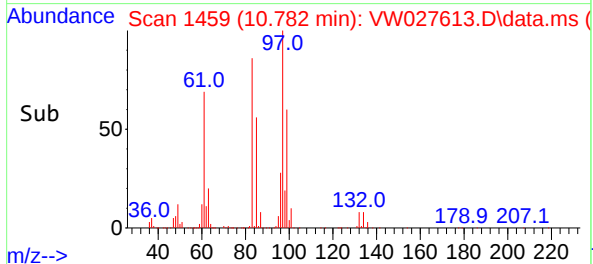
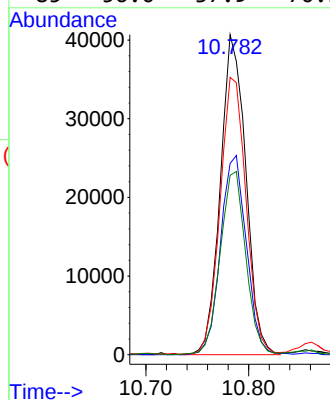
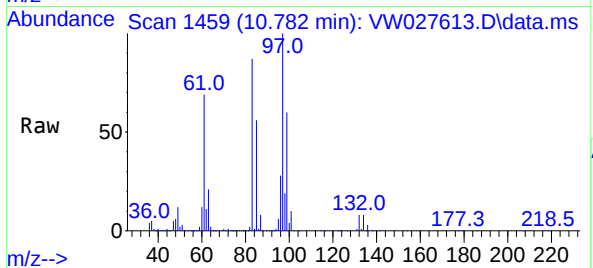


#45
1,1,2-Trichloroethane
Concen: 23.873 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 69935

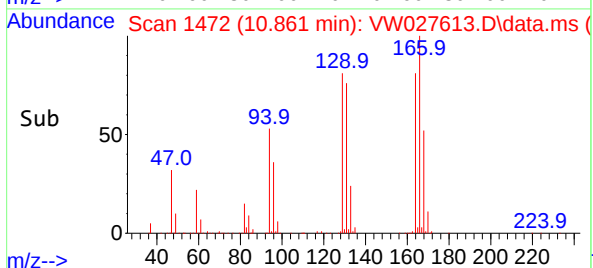
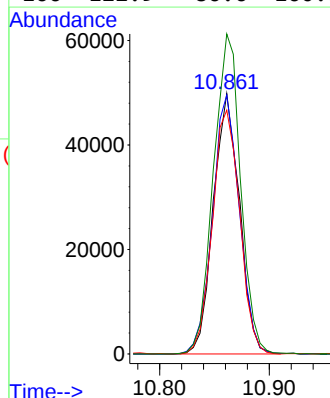
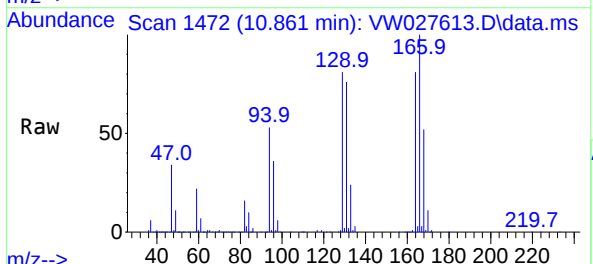
Ion	Ratio	Lower	Upper
97	100		
99	59.8	42.8	79.4
83	86.7	59.9	111.3
85	56.0	37.9	70.5

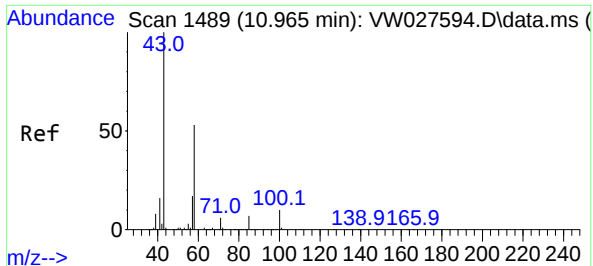


#46
Tetrachloroethene
Concen: 26.618 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:164 Resp: 82580

Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.0	131.8
131	93.7	61.2	113.6
166	122.9	86.6	160.8



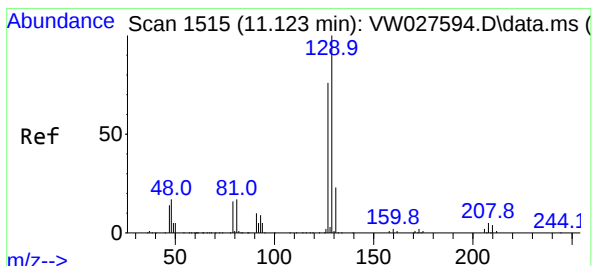
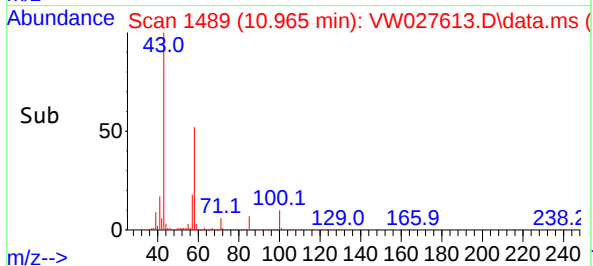
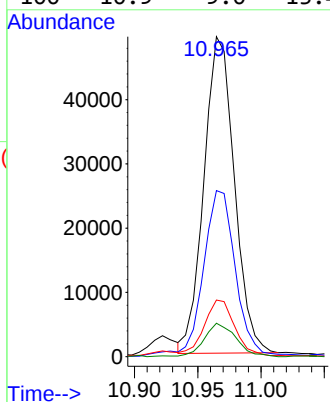
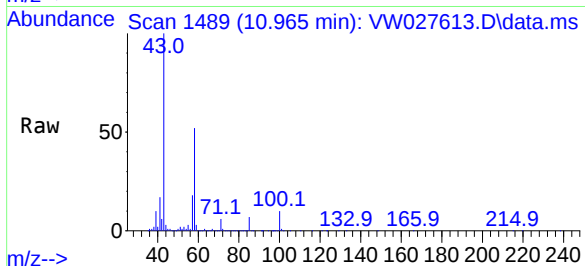


#48
2-Hexanone
Concen: 41.215 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 82590

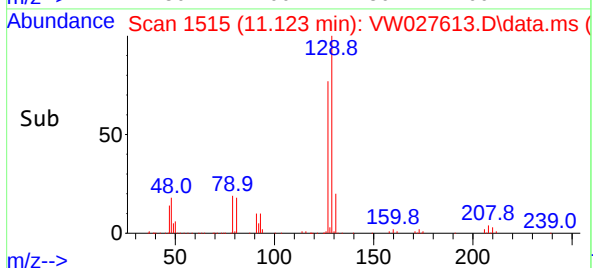
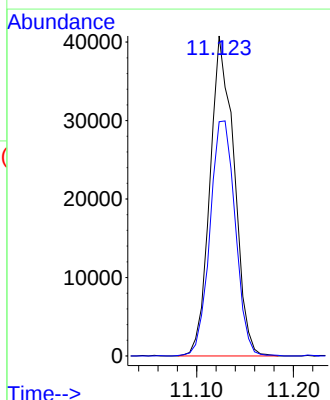
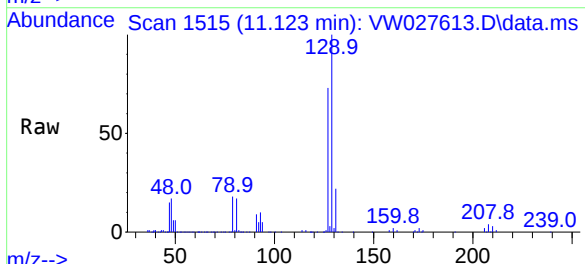
Ion	Ratio	Lower	Upper
43	100		
58	54.1	40.8	61.2
57	17.6	14.8	22.2
100	10.9	9.0	13.4

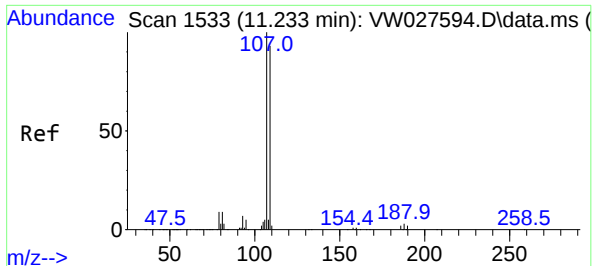


#49
Dibromochloromethane
Concen: 24.367 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 129 Resp: 70561

Ion	Ratio	Lower	Upper
129	100		
127	73.2	52.3	97.1

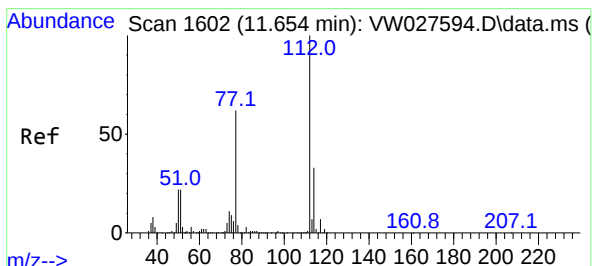
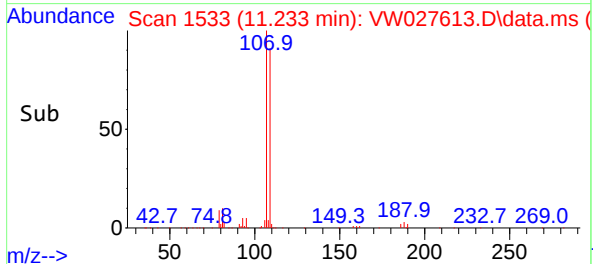
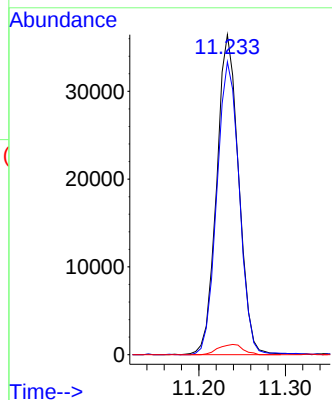
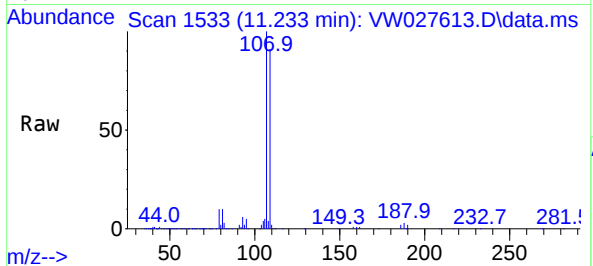




#50
1,2-Dibromoethane
Concen: 24.045 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

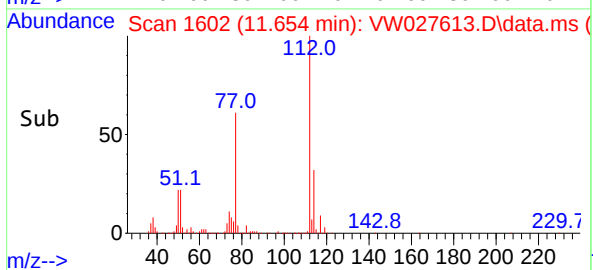
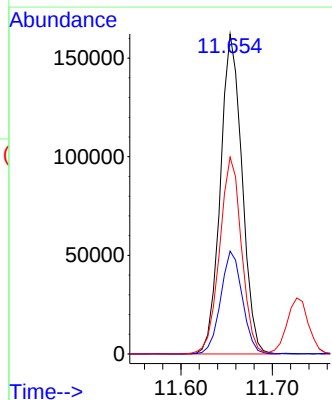
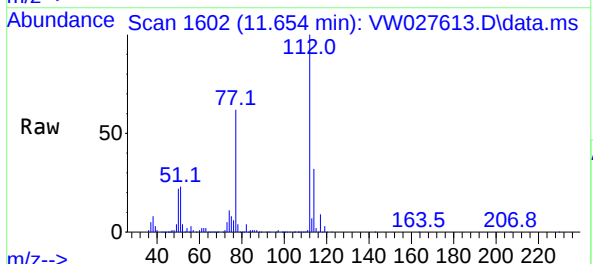
Instrument :
MSVOA_W
ClientSampleId :

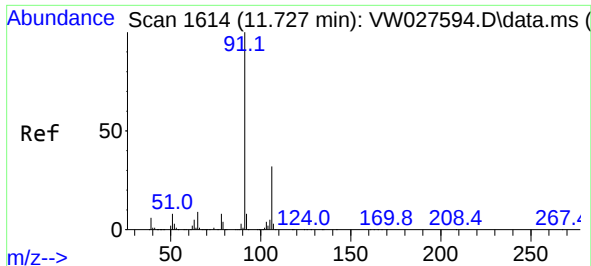
Tgt Ion:107 Resp: 64444
Ion Ratio Lower Upper
107 100
109 91.5 64.8 120.3
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 26.274 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:112 Resp: 267106
Ion Ratio Lower Upper
112 100
114 32.1 21.5 39.9
77 61.5 50.6 76.0





#52

Ethylbenzene

Concen: 27.434 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

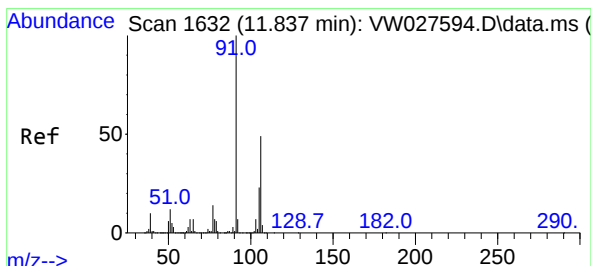
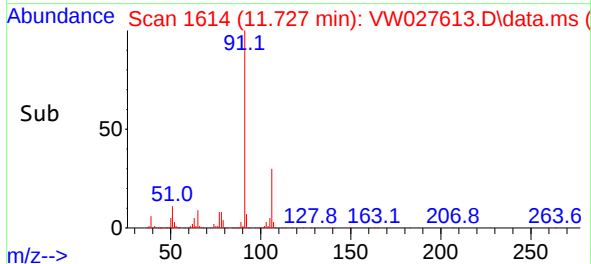
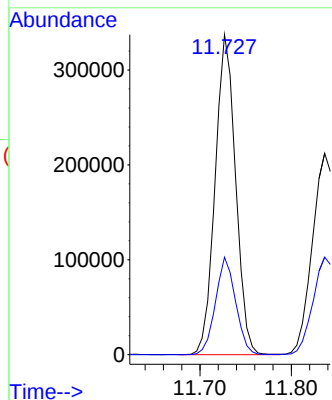
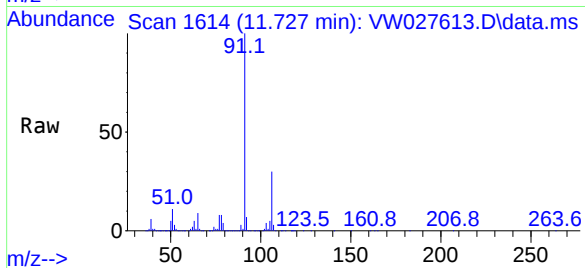
ClientSampleId :

Tgt Ion: 91 Resp: 525116

Ion Ratio Lower Upper

91 100

106 30.4 19.5 36.1



#53

m,p-Xylene

Concen: 27.391 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027613.D

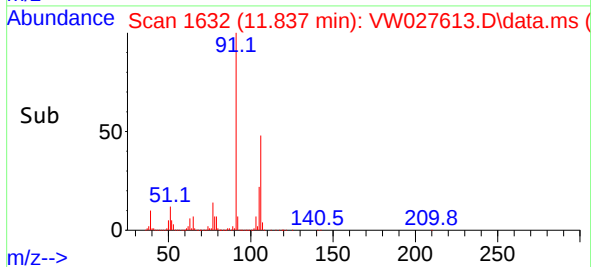
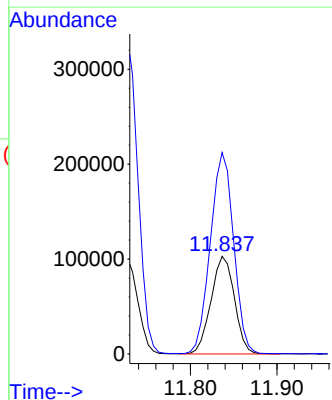
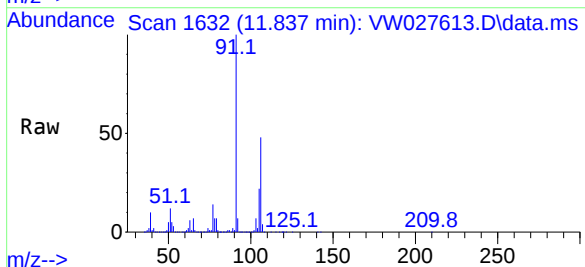
Acq: 13 Dec 2023 22:33

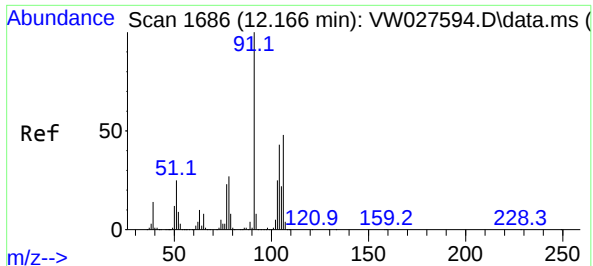
Tgt Ion:106 Resp: 193195

Ion Ratio Lower Upper

106 100

91 206.3 142.1 263.9

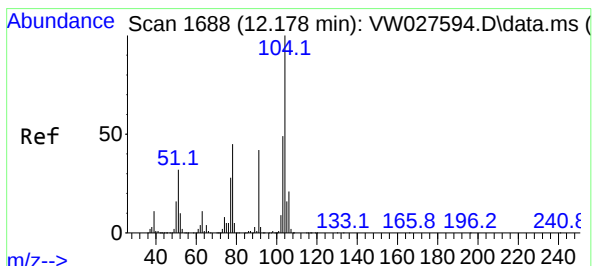
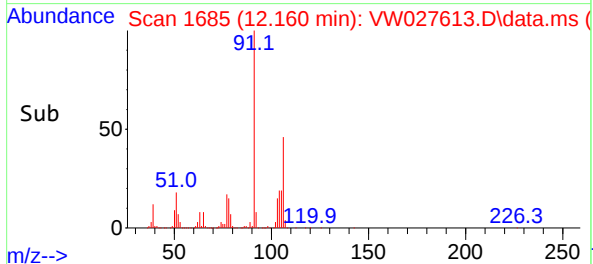
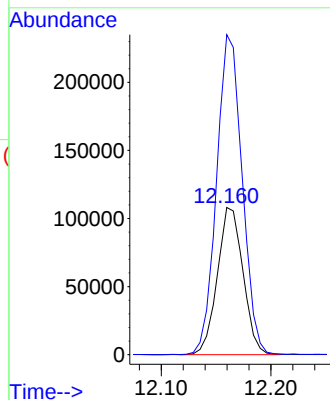
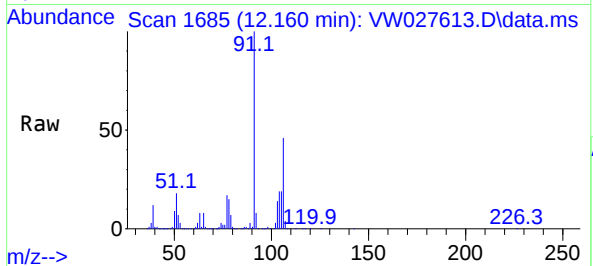




#54
o-Xylene
Concen: 27.423 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

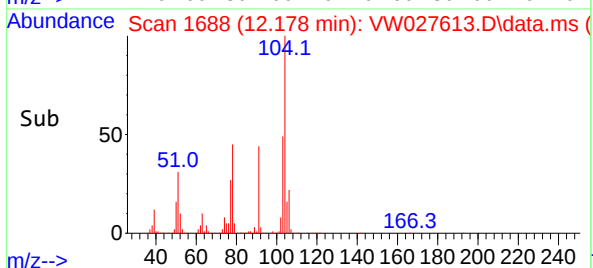
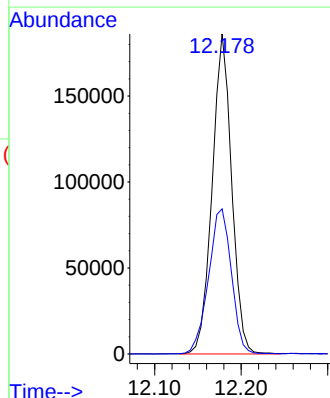
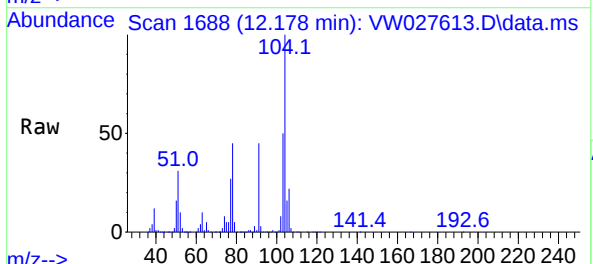
Instrument :
MSVOA_W
ClientSampleId :

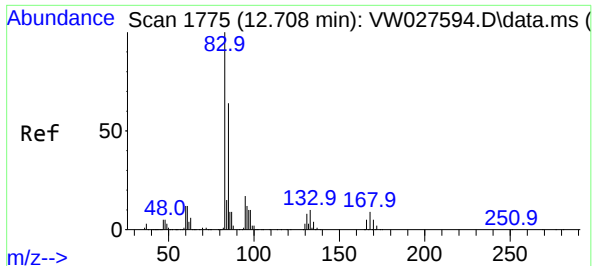
Tgt Ion:106 Resp: 175793
Ion Ratio Lower Upper
106 100
91 217.4 158.8 295.0



#55
Styrene
Concen: 26.599 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:104 Resp: 291034
Ion Ratio Lower Upper
104 100
78 45.4 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.460 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

ClientSampleId :

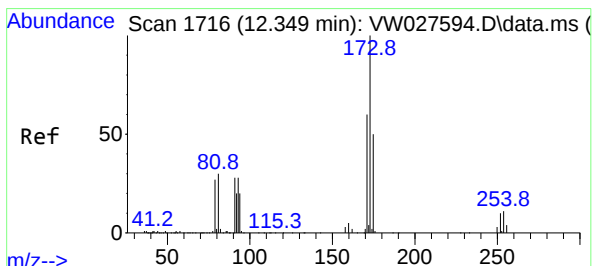
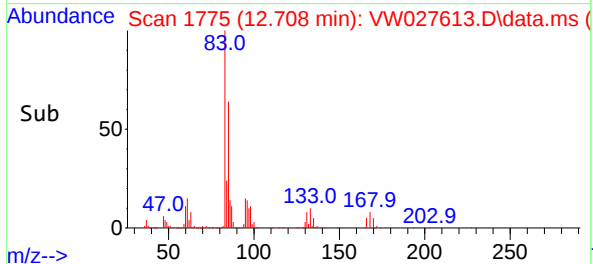
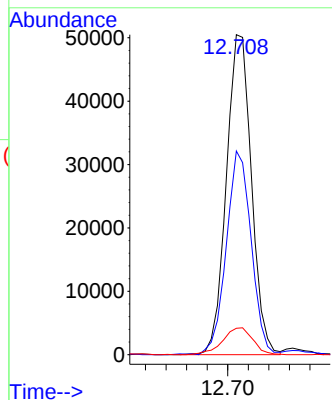
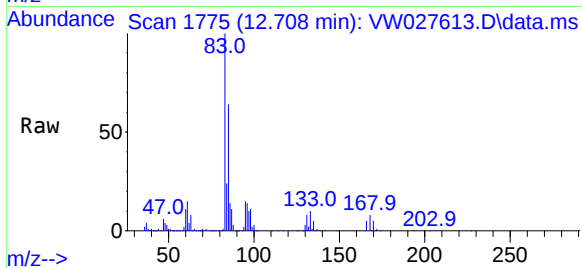
Tgt Ion: 83 Resp: 85657

Ion Ratio Lower Upper

83 100

85 63.7 41.9 77.7

131 8.2 7.0 10.6



#59

Bromoform

Concen: 22.377 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

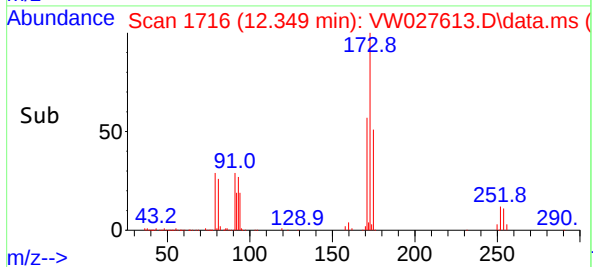
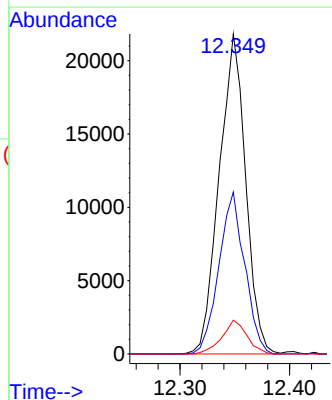
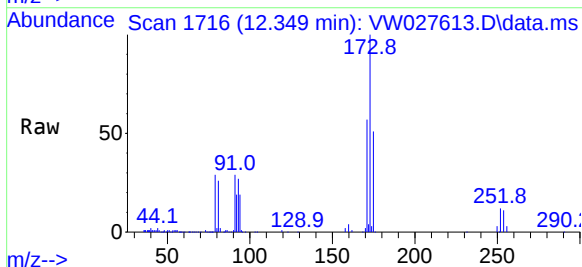
Tgt Ion: 173 Resp: 36557

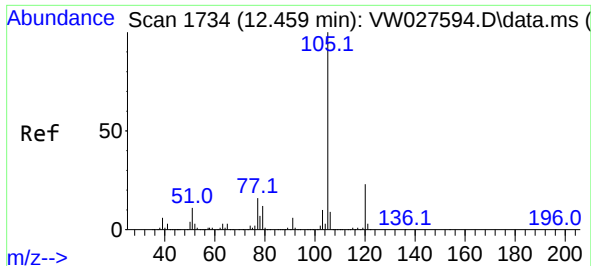
Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.0

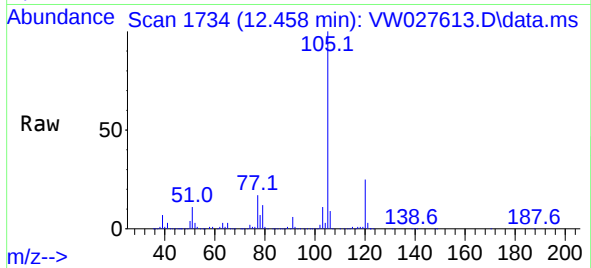
254 10.0 7.8 11.8



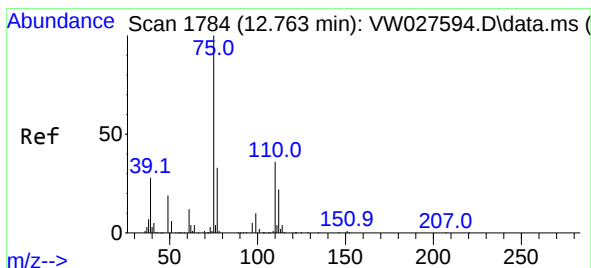
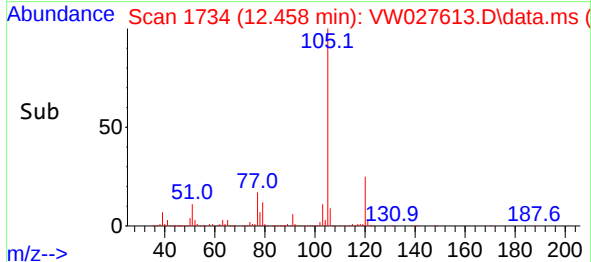
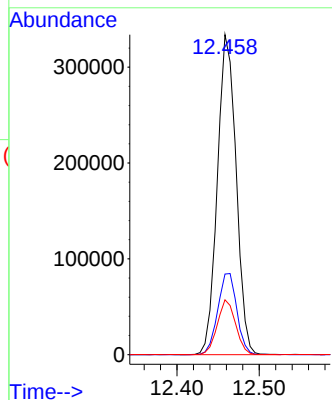


#60
Isopropylbenzene
Concen: 27.521 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :

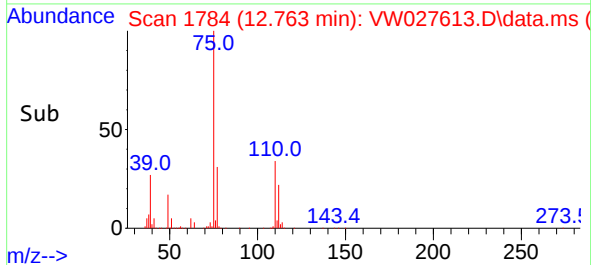
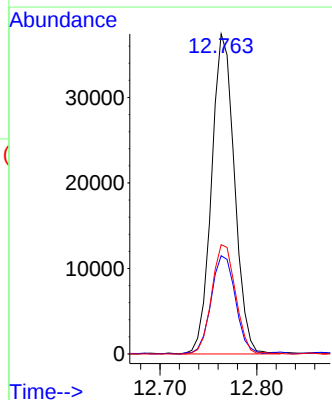
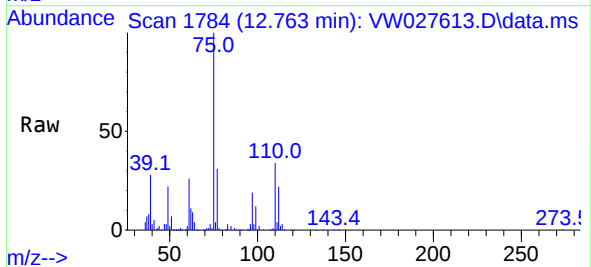


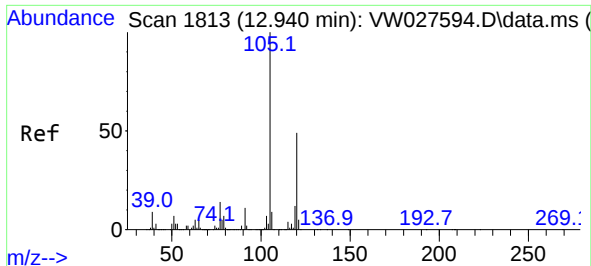
Tgt Ion:105 Resp: 530031
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 16.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 21.913 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion: 75 Resp: 61652
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 35.2 30.2 45.4

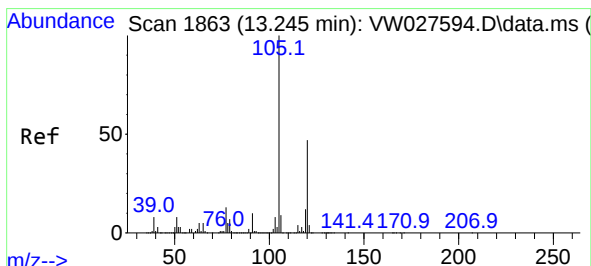
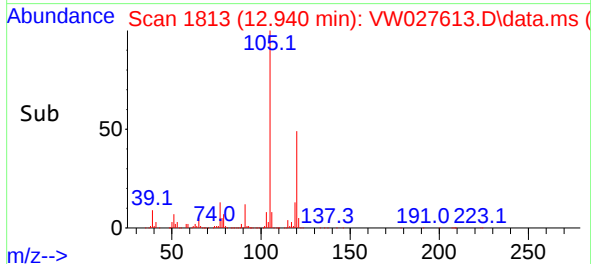
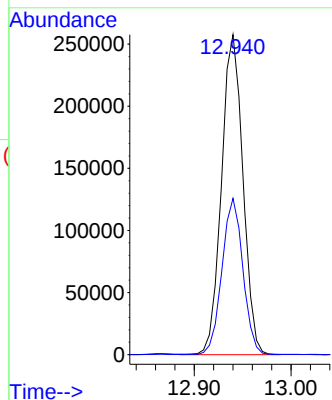
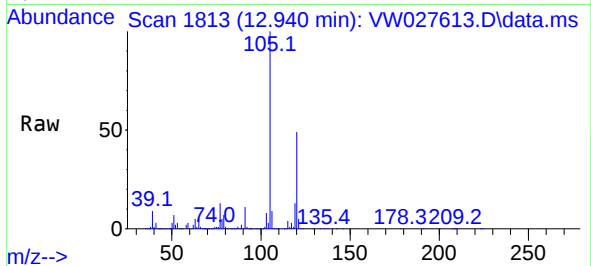




#62
1,3,5-Trimethylbenzene
Concen: 27.804 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

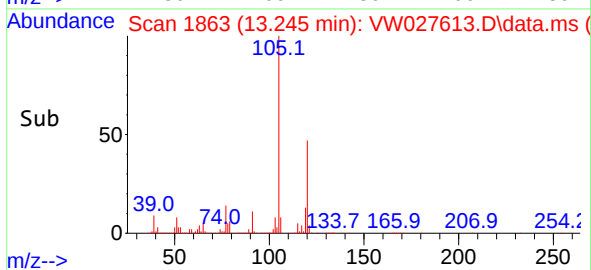
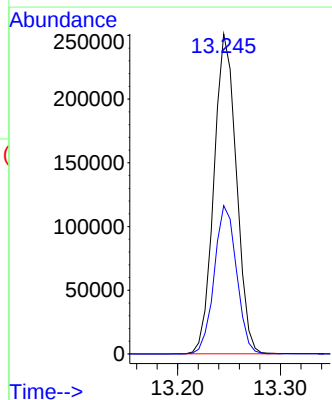
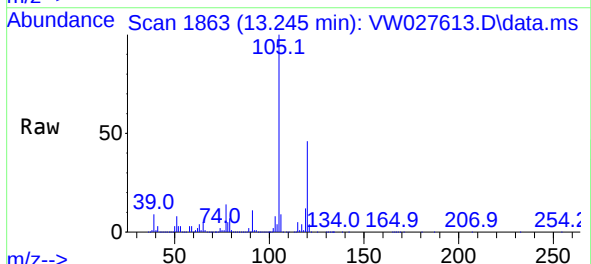
Instrument :
MSVOA_W
ClientSampleId :

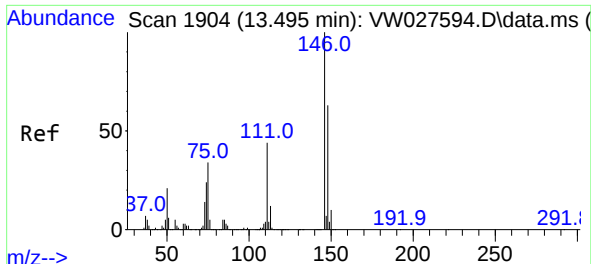
Tgt Ion:105 Resp: 396061
Ion Ratio Lower Upper
105 100
120 47.6 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 26.792 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:105 Resp: 380095
Ion Ratio Lower Upper
105 100
120 46.1 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 26.629 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

Instrument :

MSVOA_W

ClientSampleId :

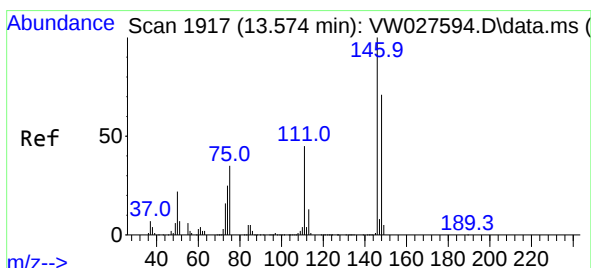
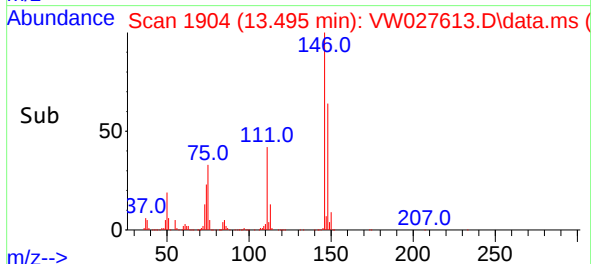
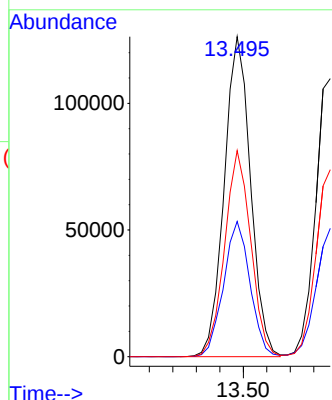
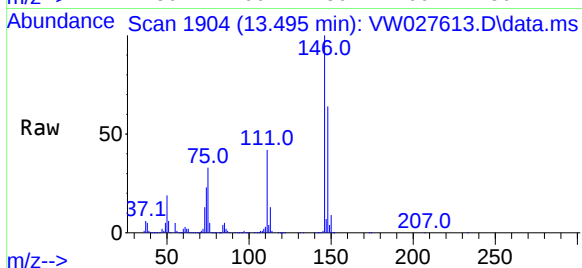
Tgt Ion:146 Resp: 196447

Ion Ratio Lower Upper

146 100

111 42.2 29.5 54.7

148 64.4 42.8 79.6



#65

1,4-Dichlorobenzene

Concen: 25.734 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027613.D

Acq: 13 Dec 2023 22:33

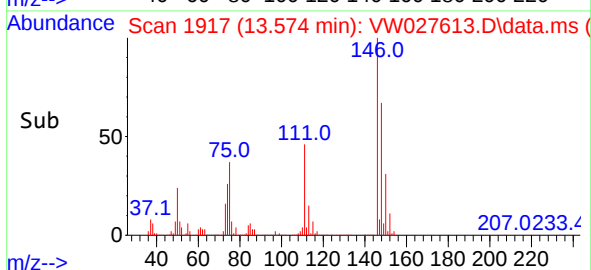
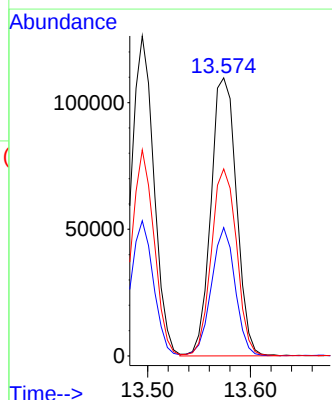
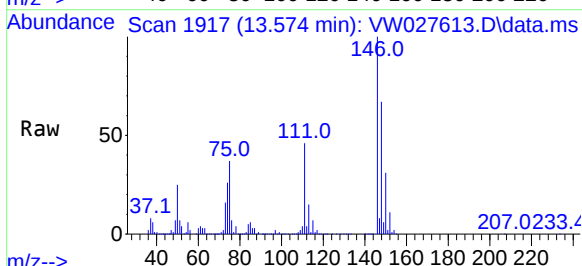
Tgt Ion:146 Resp: 189359

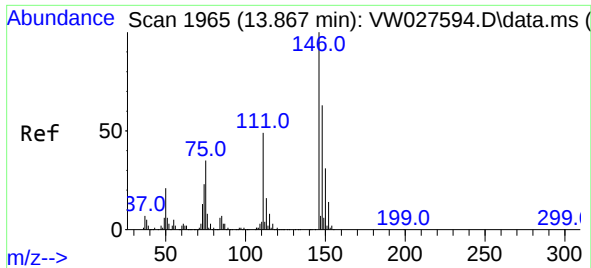
Ion Ratio Lower Upper

146 100

111 46.2 28.9 53.7

148 67.3 44.9 83.5

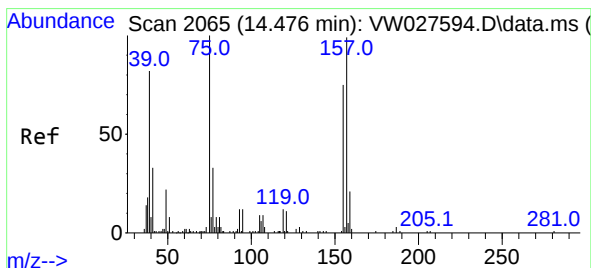
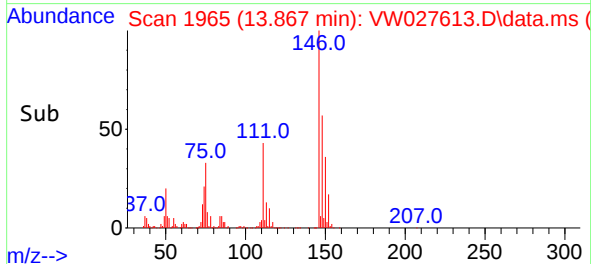
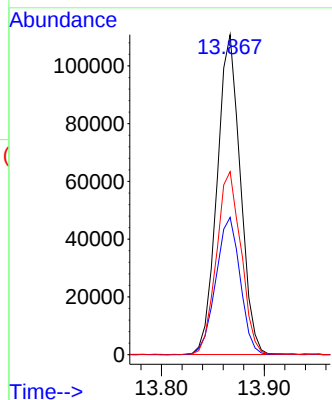
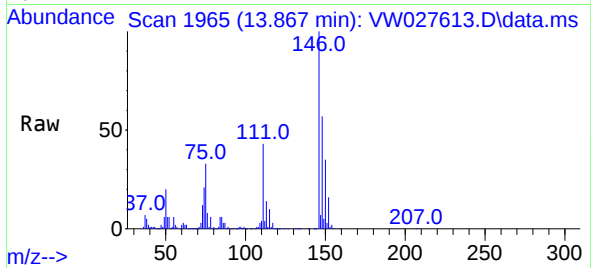




#67
1,2-Dichlorobenzene
Concen: 26.184 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

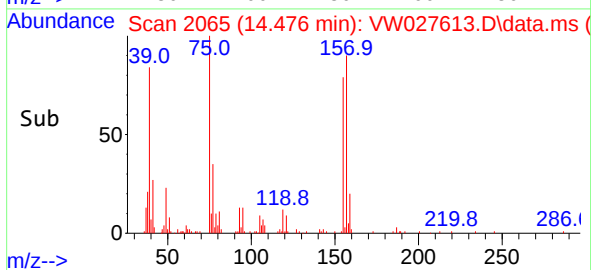
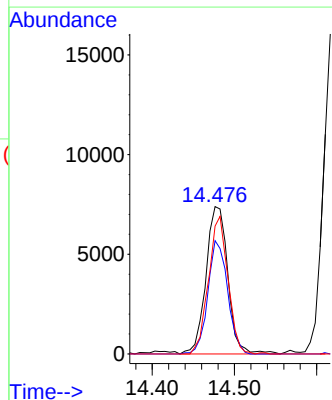
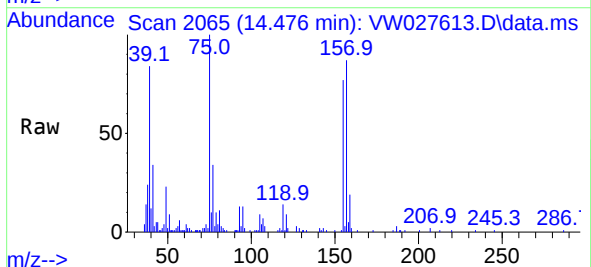
Instrument :
MSVOA_W
ClientSampleId :

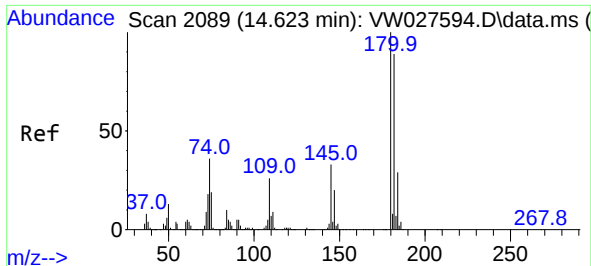
Tgt Ion:146 Resp: 174026
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 57.2 49.5 74.3



#68
1,2-Dibromo-3-chloropropane
Concen: 20.157 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

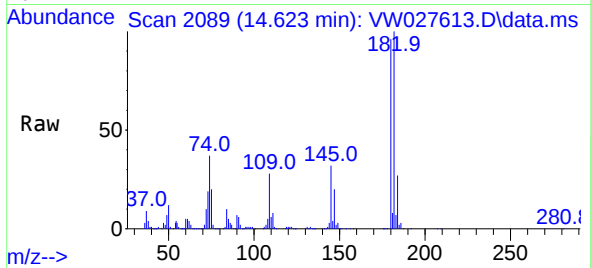
Tgt Ion: 75 Resp: 13641
Ion Ratio Lower Upper
75 100
155 76.9 65.8 98.8
157 86.8 63.0 94.6





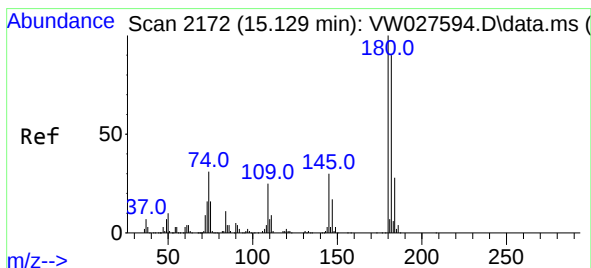
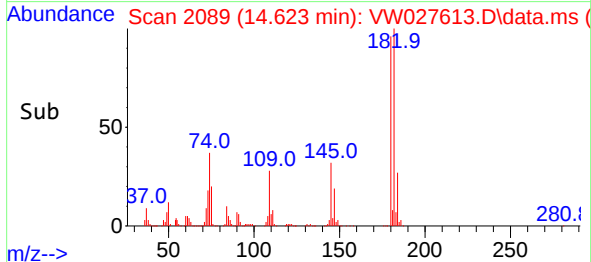
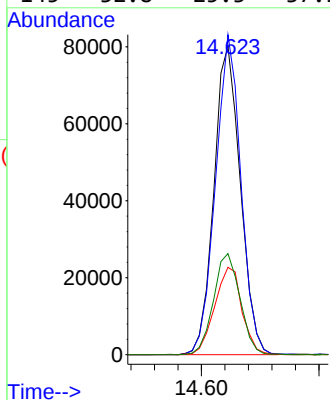
#69
1,3,5-Trichlorobenzene
Concen: 25.272 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 125367

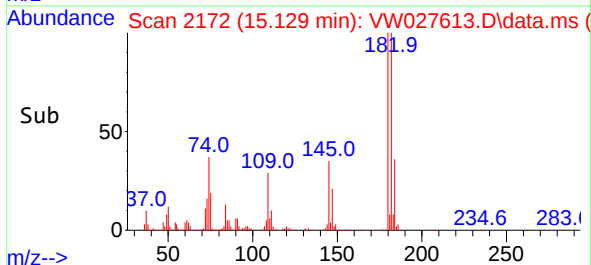
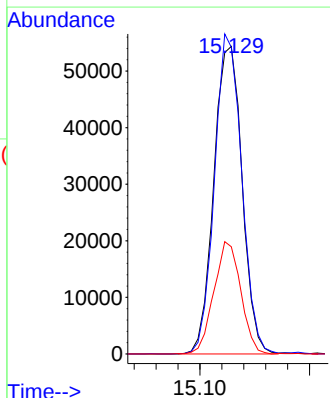
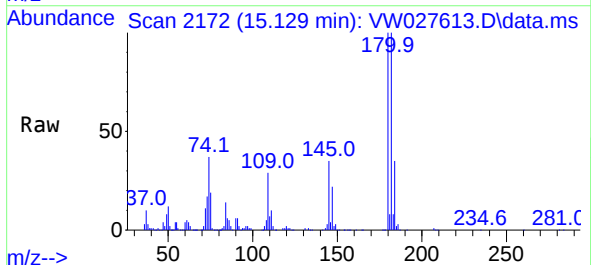
Ion	Ratio	Lower	Upper
180	100		
182	99.6	73.2	109.8
184	29.3	25.4	38.2
145	32.8	25.3	37.9

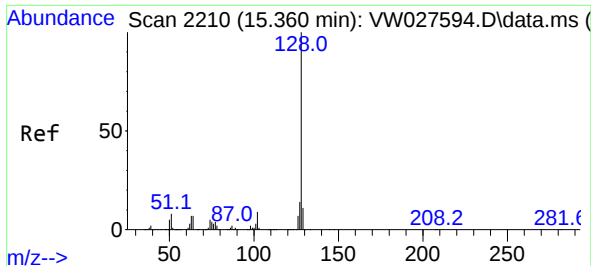


#70
1,2,4-trichlorobenzene
Concen: 25.342 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:180 Resp: 97624

Ion	Ratio	Lower	Upper
180	100		
182	99.7	78.7	118.1
145	34.6	26.8	40.2

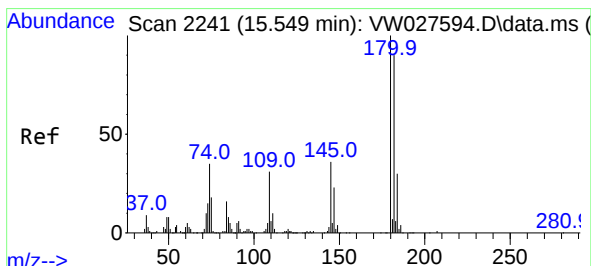
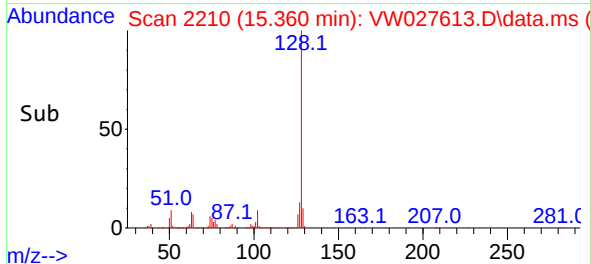
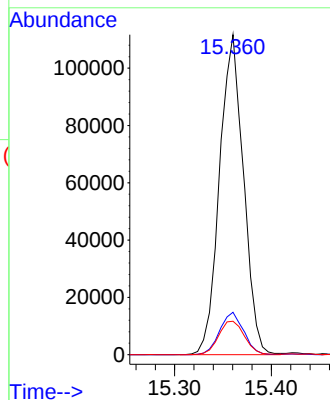
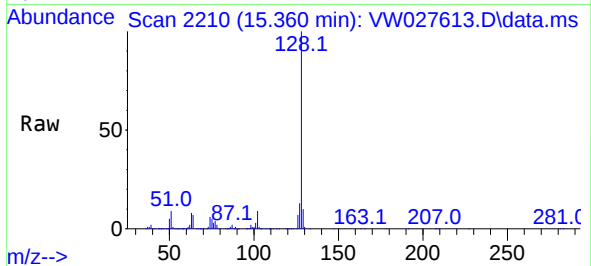




#71
Naphthalene
Concen: 23.739 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 192349
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.670 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027613.D
Acq: 13 Dec 2023 22:33

Tgt Ion:180 Resp: 88008
Ion Ratio Lower Upper
180 100
182 93.7 72.4 108.6
145 33.3 27.4 41.0

