

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027578.D
 Acq On : 08 Dec 2023 08:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 01:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 08 05:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	242497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100699	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.905	69	79492	22.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	4.027	65	45088	21.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.075	46	60281	47.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
24) Chloroform-d	7.654	84	176945	24.446	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.307	65	90341	24.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	359866	23.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.276	67	109591	24.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	10.325	98	316526	23.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.575	79	40671	23.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.920%
47) 2-Hexanone-d5	10.922	63	39405	47.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90094	24.452	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	91730	23.795	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	64940	20.001	ug/L	# 87
3) Chloromethane	2.229	50	87053	21.891	ug/L	95
5) Vinyl chloride	2.375	62	105650	22.776	ug/L	97
6) Bromomethane	2.796	94	57101	23.456	ug/L	96
8) Chloroethane	2.936	64	63800	24.081	ug/L	93
9) Trichlorofluoromethane	3.277	101	107207	24.132	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	92902	24.523	ug/L	97
12) 1,1-Dichloroethene	4.051	96	82852	23.954	ug/L	95
13) Acetone	4.125	43	55570	45.080	ug/L	98
14) Carbon disulfide	4.393	76	223474	21.380	ug/L	99
15) Methyl Acetate	4.673	43	47346	21.976	ug/L	100
16) Methylene chloride	4.923	84	92416	23.370	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	85278	23.911	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149405	25.971	ug/L	98
19) 1,1-Dichloroethane	6.222	63	179214	24.709	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	94342	24.631	ug/L	96
22) 2-Butanone	7.173	43	68631	43.156	ug/L	99
23) Bromochloromethane	7.514	128	37098	24.625	ug/L	96
25) Chloroform	7.679	83	168817	25.634	ug/L	91

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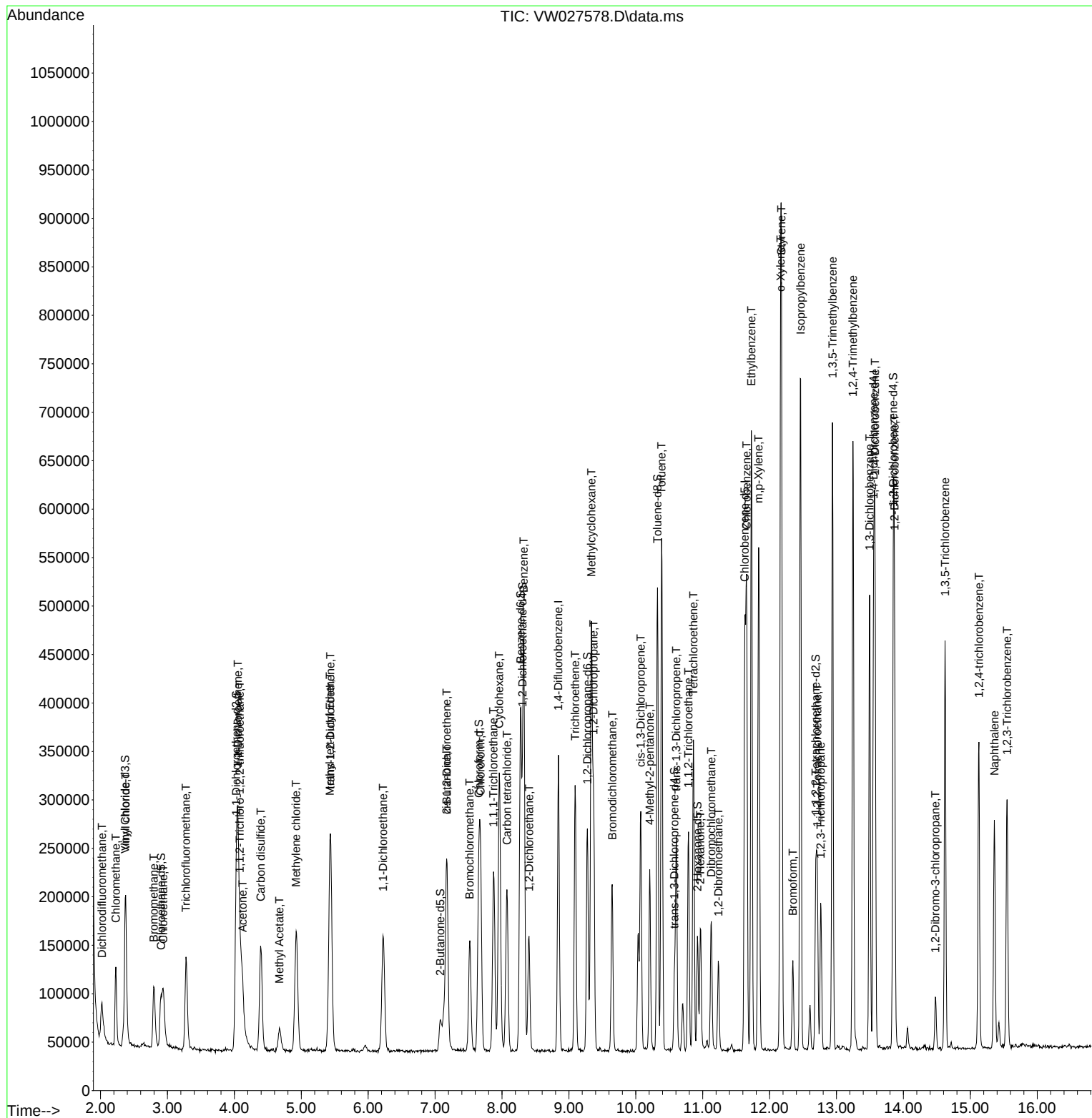
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27) 1,2-Dichloroethane	8.404	62	107952	25.362	ug/L	99
29) Cyclohexane	7.959	56	164919	23.252	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	148448	24.667	ug/L	99
31) Carbon tetrachloride	8.075	117	124322	23.684	ug/L	99
33) Benzene	8.325	78	370171	24.861	ug/L	100
34) Trichloroethene	9.093	95	97463	23.964	ug/L	95
35) Methylcyclohexane	9.337	83	170698	23.571	ug/L	99
37) 1,2-Dichloropropane	9.367	63	100327	25.520	ug/L	98
38) Bromodichloromethane	9.648	83	116205	25.569	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	145146	25.576	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	126019	47.423	ug/L	100
42) Toluene	10.386	91	378930	24.061	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119660	26.137	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	70430	25.724	ug/L	97
46) Tetrachloroethene	10.861	164	71054	24.506	ug/L	90
48) 2-Hexanone	10.965	43	87147	46.533	ug/L	99
49) Dibromochloromethane	11.129	129	69824	25.800	ug/L	97
50) 1,2-Dibromoethane	11.233	107	62004	24.753	ug/L	99
51) Chlorobenzene	11.654	112	235801	24.818	ug/L	96
52) Ethylbenzene	11.727	91	446958	24.985	ug/L	96
53) m,p-Xylene	11.837	106	163727	24.838	ug/L	97
54) o-Xylene	12.166	106	154804	25.838	ug/L	91
55) Styrene	12.178	104	264118	25.828	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	86738	24.335	ug/L	94
59) Bromoform	12.349	173	40344	26.193	ug/L	94
60) Isopropylbenzene	12.464	105	452389	24.914	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63700	24.015	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	336669	25.069	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	332939	24.892	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	177992	25.591	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	171120	24.666	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	153510	24.499	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	13792	21.617	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.623	180	118086	25.248	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	95572	26.315	ug/L	94
71) Naphthalene	15.360	128	193943	25.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82255	26.439	ug/L	97

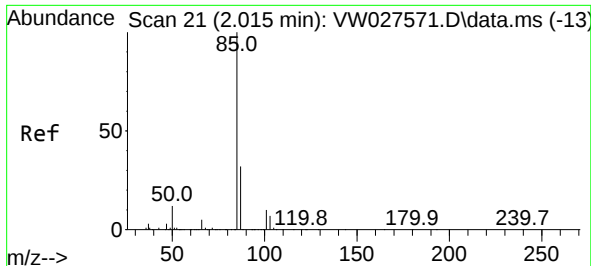
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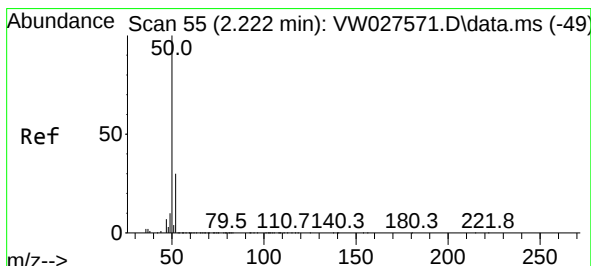
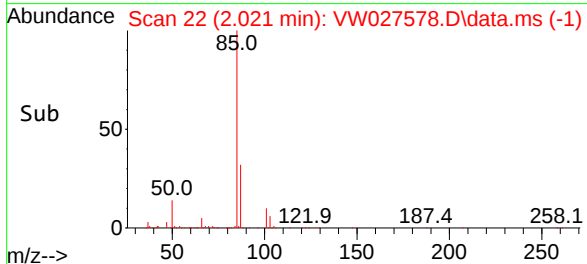
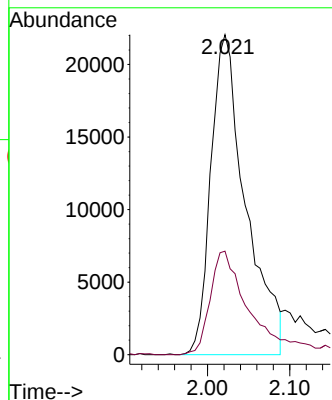
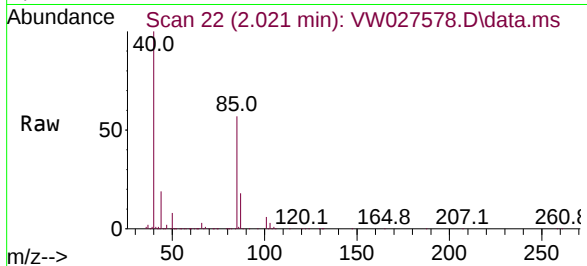




#2
 Dichlorodifluoromethane
 Concen: 20.001 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

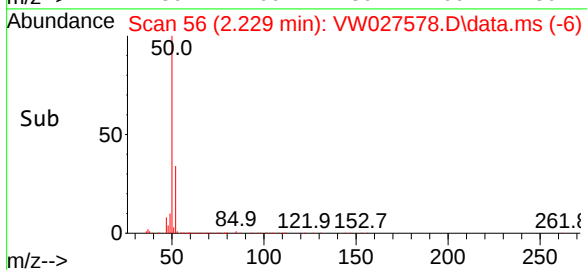
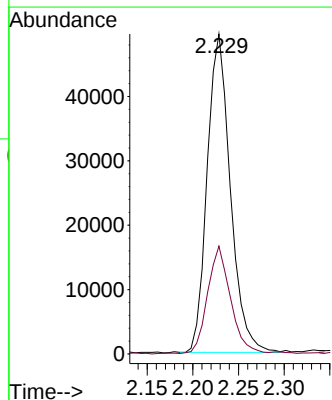
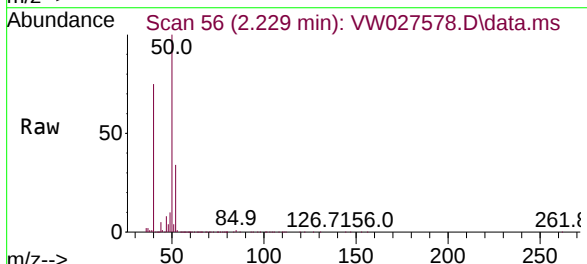
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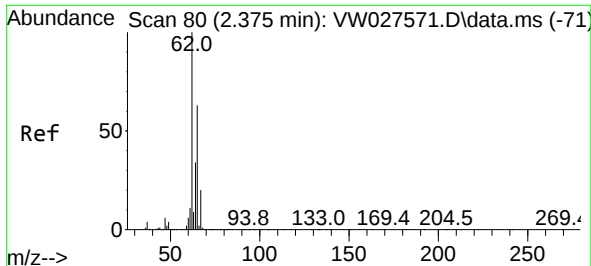
Tgt Ion: 85 Resp: 64940
 Ion Ratio Lower Upper
 85 100
 87 36.9 24.0 36.0#



#3
 Chloromethane
 Concen: 21.891 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

Tgt Ion: 50 Resp: 87053
 Ion Ratio Lower Upper
 50 100
 52 33.7 21.8 40.6

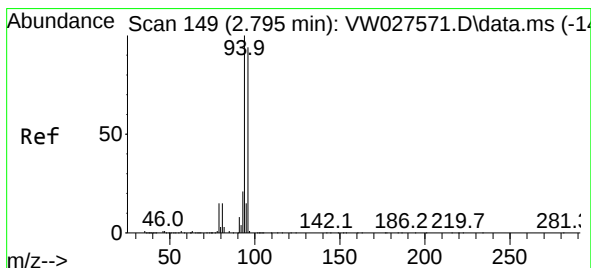
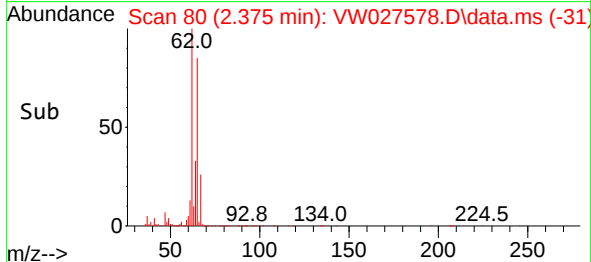
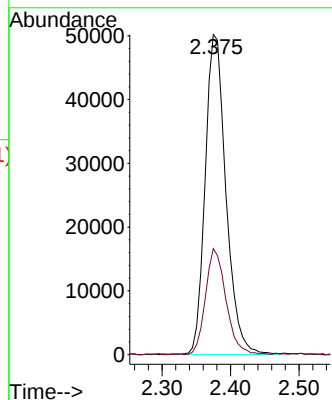
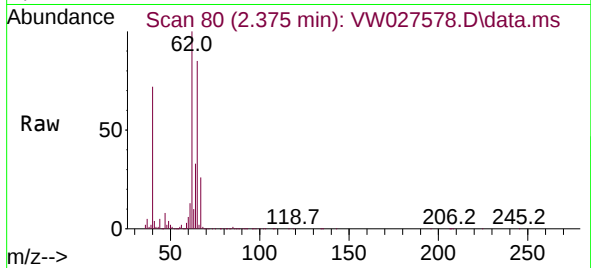




#5
 Vinyl chloride
 Concen: 22.776 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

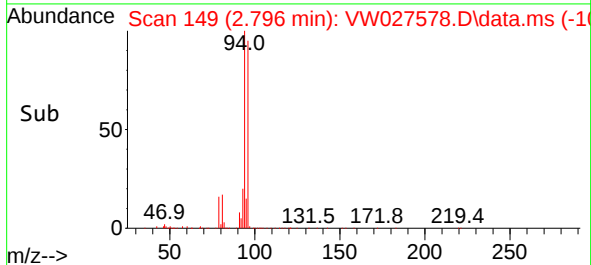
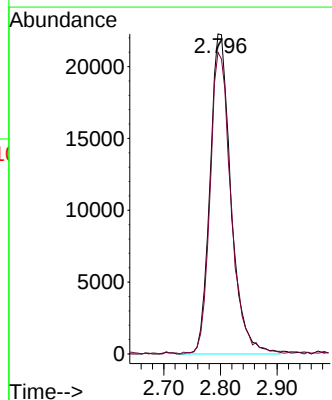
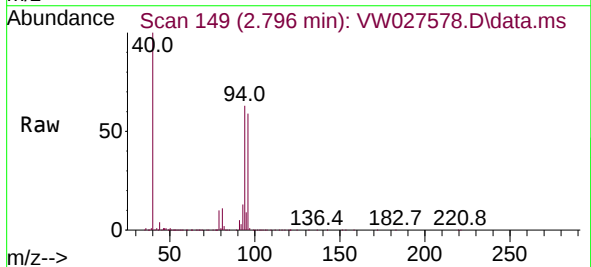
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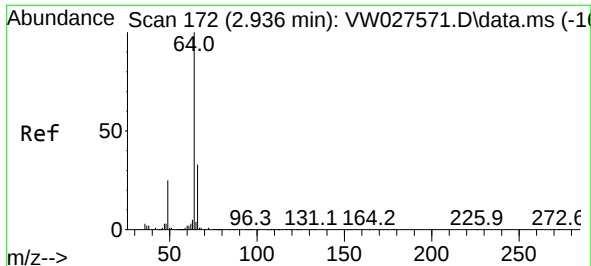
Tgt Ion: 62 Resp: 105650
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.2 41.2



#6
 Bromomethane
 Concen: 23.456 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

Tgt Ion: 94 Resp: 57101
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.3 117.7

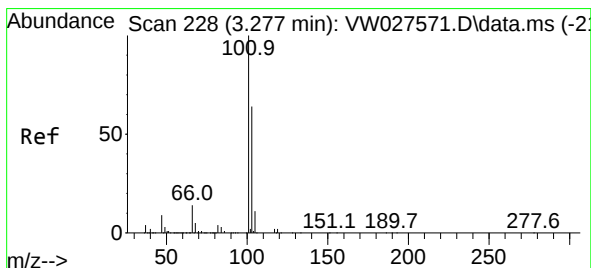
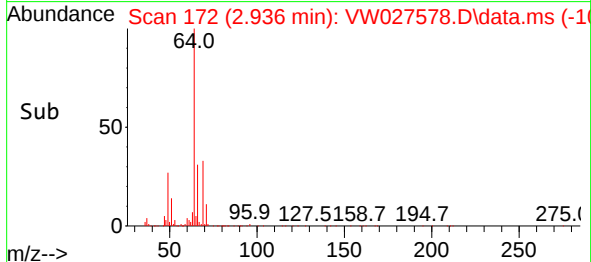
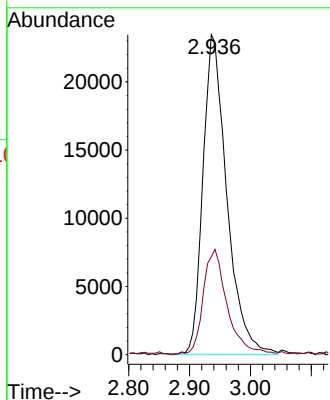
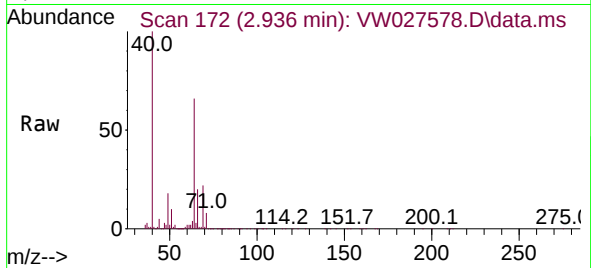




#8
Chloroethane
Concen: 24.081 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

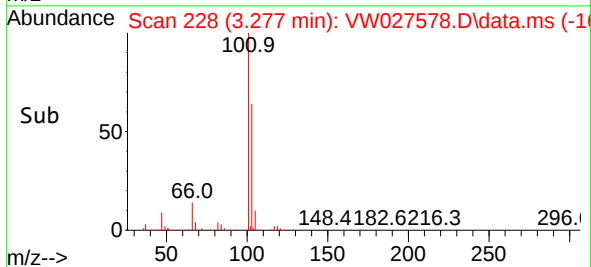
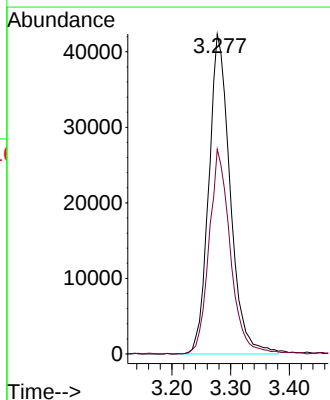
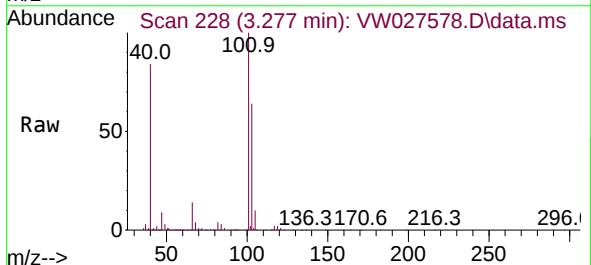
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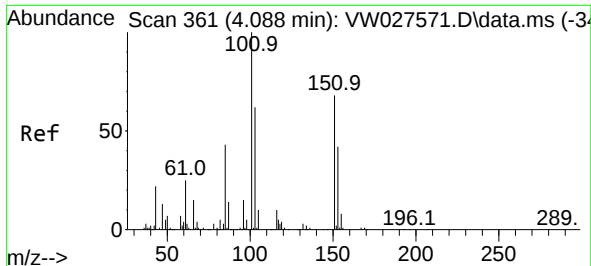
Tgt Ion: 64 Resp: 63800
Ion Ratio Lower Upper
64 100
66 30.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 24.132 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 101 Resp: 107207
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

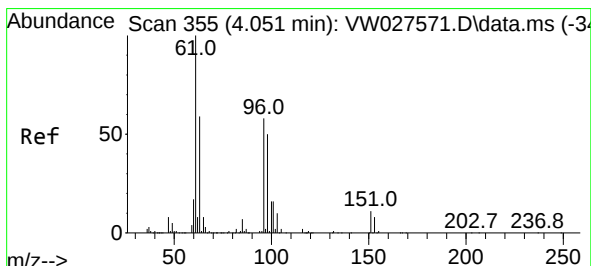
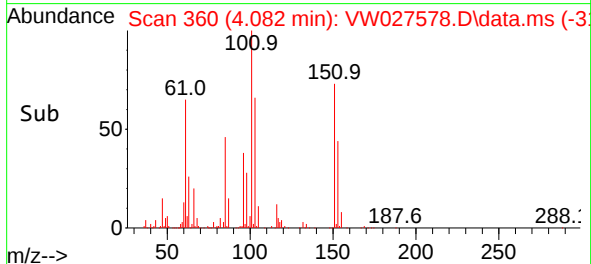
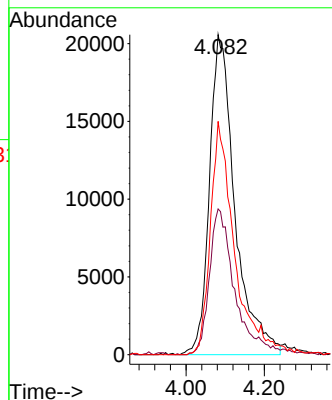
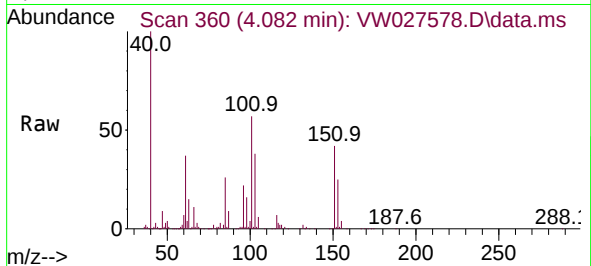




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.523 ug/L
RT: 4.082 min Scan# 361
Delta R.T. -0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

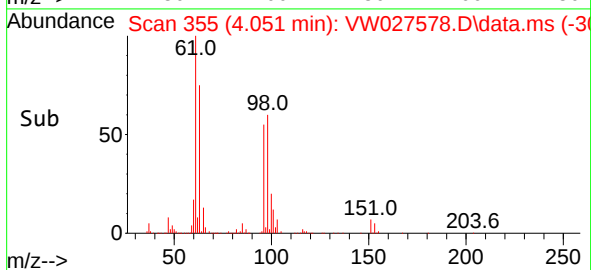
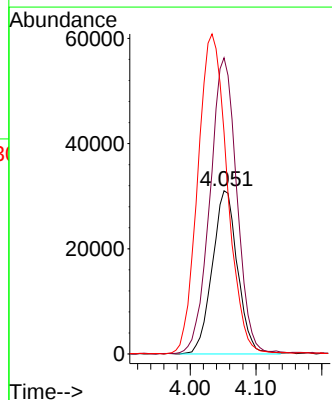
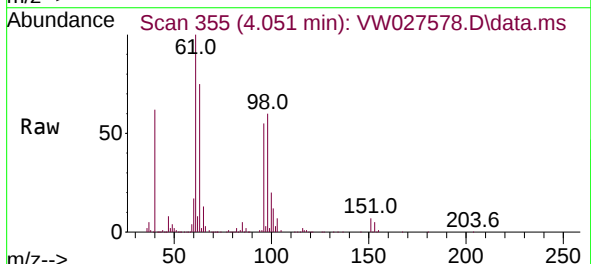
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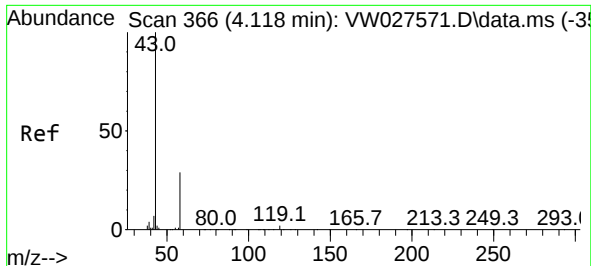
Tgt Ion:101 Resp: 92902
Ion Ratio Lower Upper
101 100
85 42.6 33.9 50.9
151 65.0 54.6 81.8



#12
1,1-Dichloroethene
Concen: 23.954 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 96 Resp: 82852
Ion Ratio Lower Upper
96 100
61 181.4 127.8 237.4
63 135.8 104.9 194.7

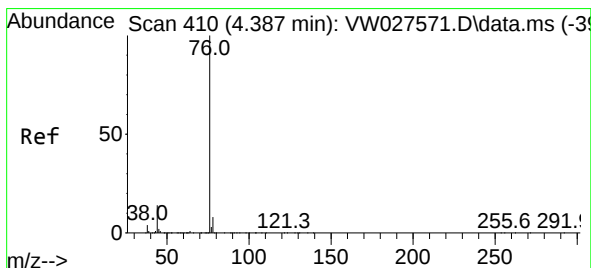
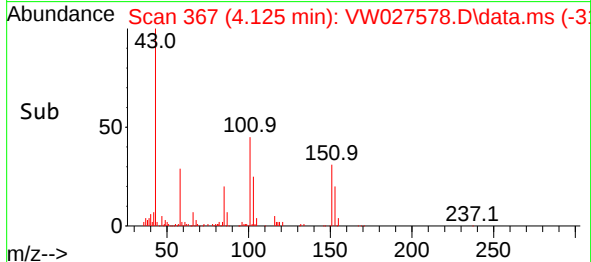
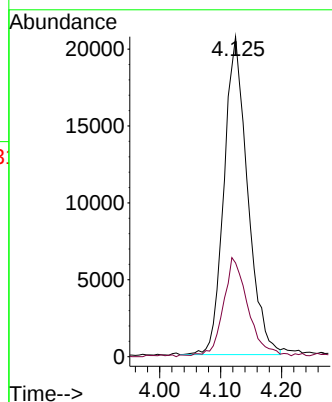
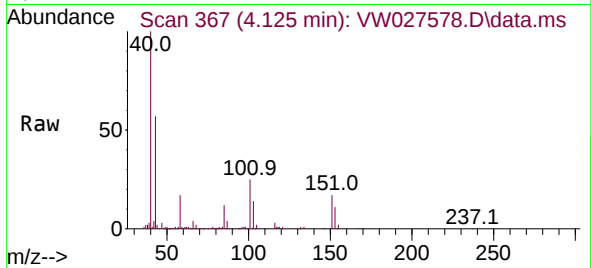




#13
Acetone
Concen: 45.080 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

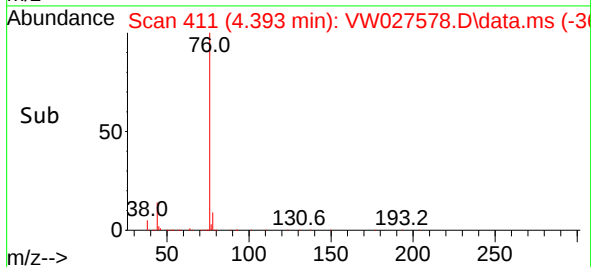
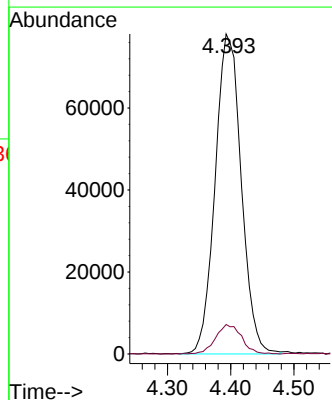
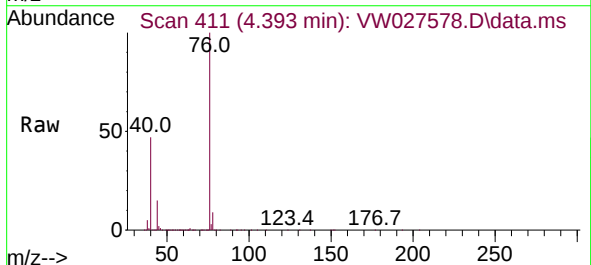
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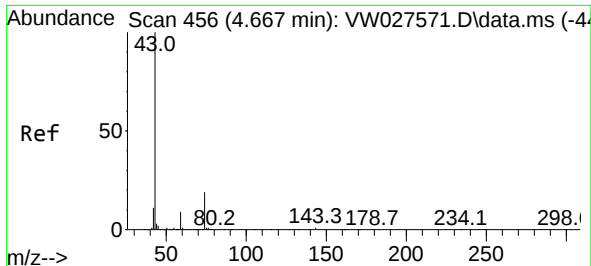
Tgt Ion: 43 Resp: 55570
Ion Ratio Lower Upper
43 100
58 31.1 0.0 60.0



#14
Carbon disulfide
Concen: 21.380 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 223474
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

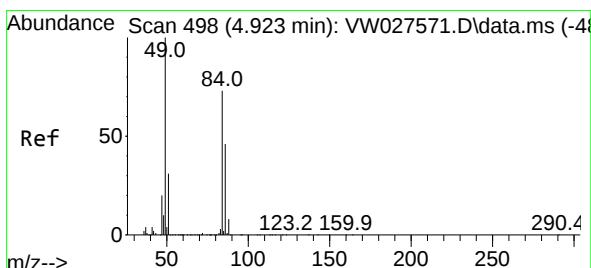
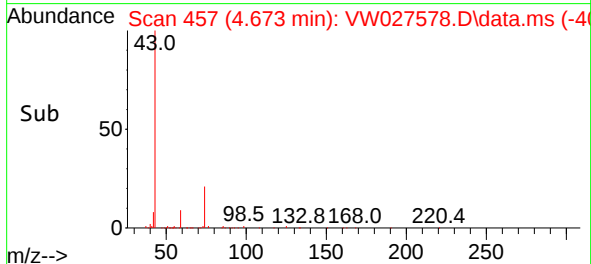
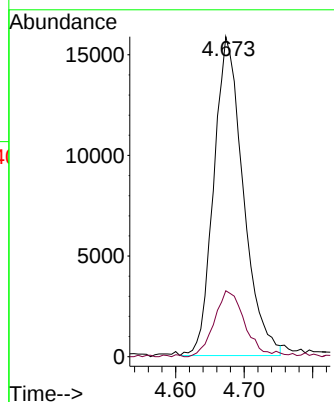
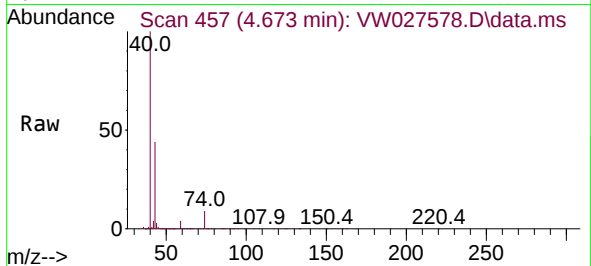




#15
Methyl Acetate
Concen: 21.976 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

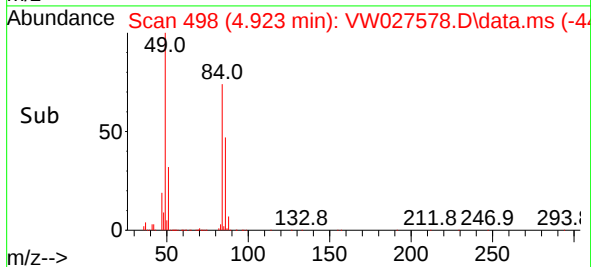
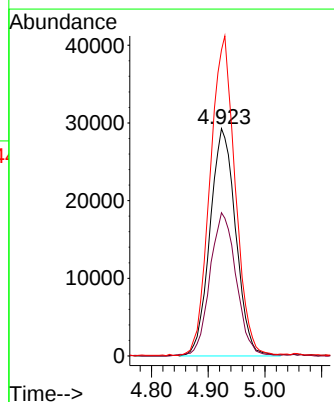
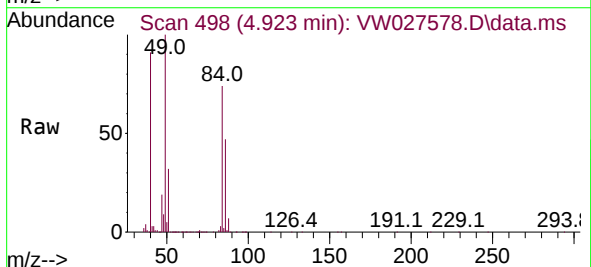
Instrument :
MSVOA_W
ClientSampleId :

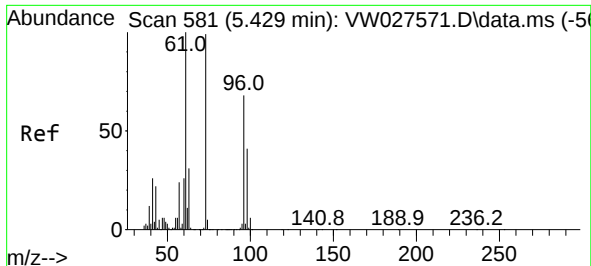
Tgt Ion: 43 Resp: 47346
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



#16
Methylene chloride
Concen: 23.370 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 84 Resp: 92416
Ion Ratio Lower Upper
84 100
86 63.0 47.7 88.7
49 134.6 97.4 181.0

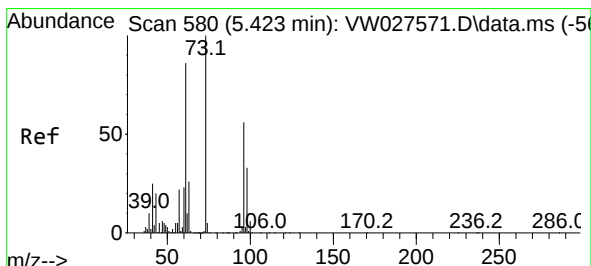
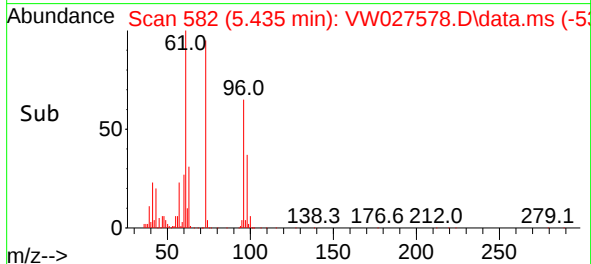
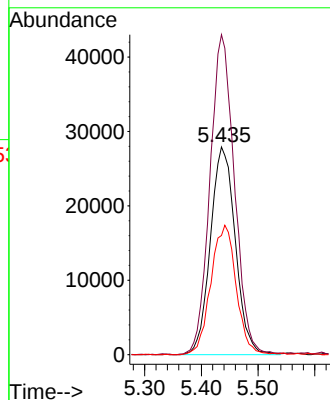
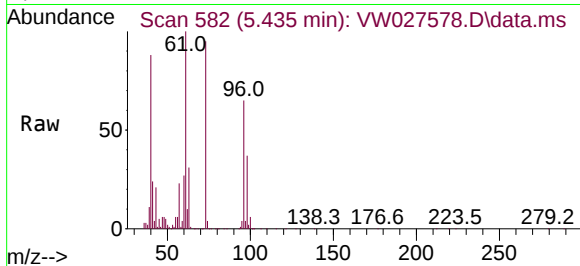




#17
trans-1,2-Dichloroethene
Concen: 23.911 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

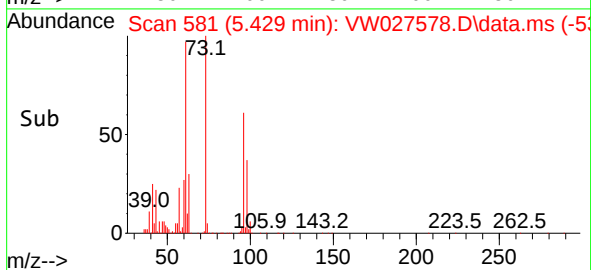
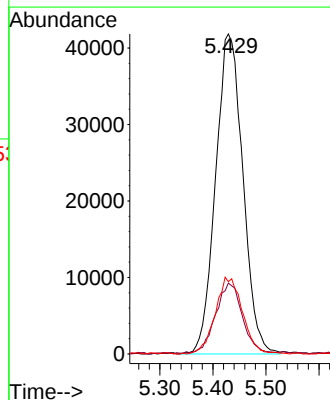
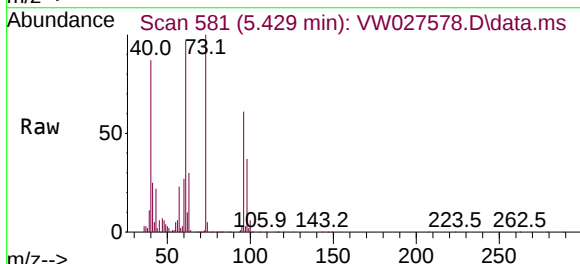
Instrument :
MSVOA_W
ClientSampleId :

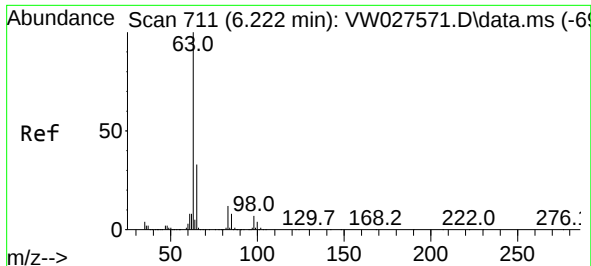
Tgt Ion: 96 Resp: 85278
Ion Ratio Lower Upper
96 100
61 154.1 109.6 203.6
98 57.4 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 25.971 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 73 Resp: 149405
Ion Ratio Lower Upper
73 100
43 21.2 17.8 26.6
57 23.7 19.9 29.9





#19

1,1-Dichloroethane

Concen: 24.709 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

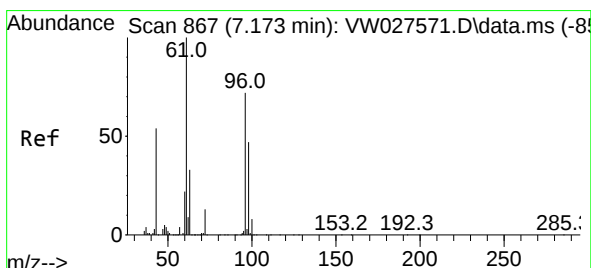
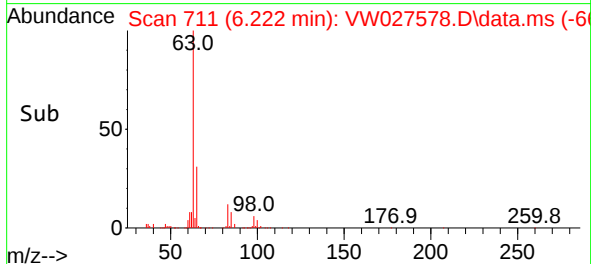
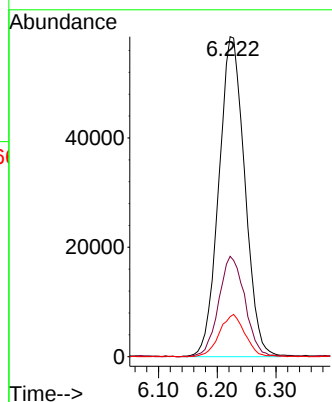
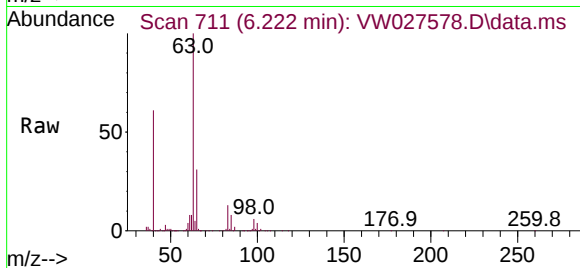
Tgt Ion: 63 Resp: 179214

Ion Ratio Lower Upper

63 100

65 31.3 22.0 40.8

83 12.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.631 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

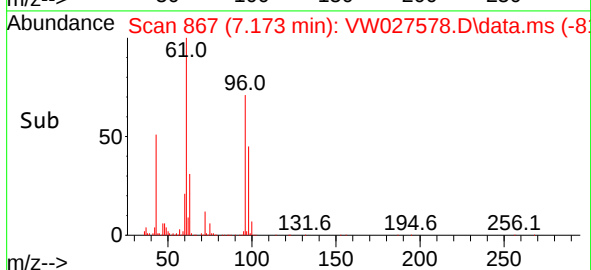
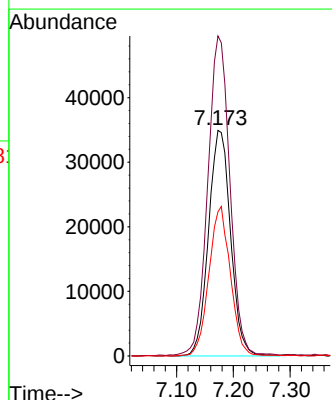
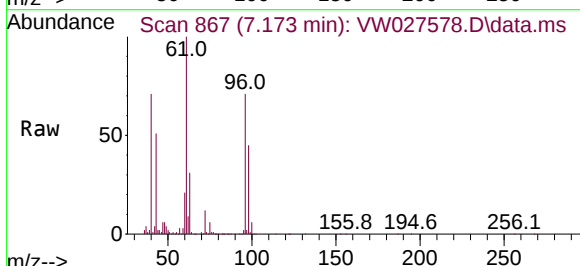
Tgt Ion: 96 Resp: 94342

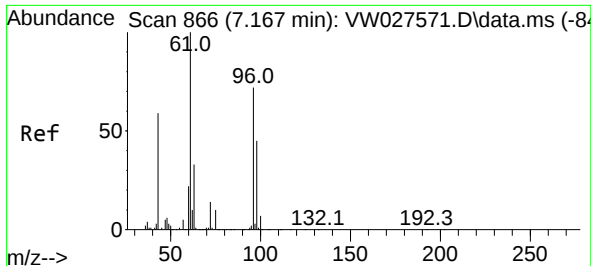
Ion Ratio Lower Upper

96 100

61 141.8 94.0 174.6

98 63.9 45.1 83.7

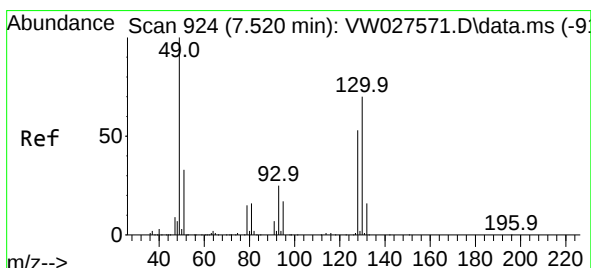
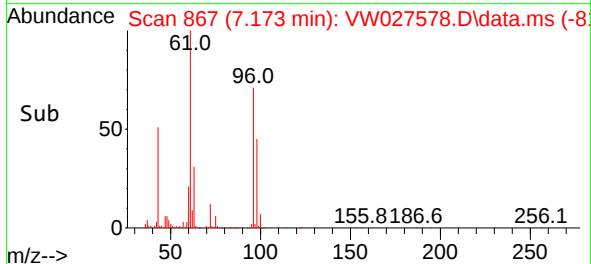
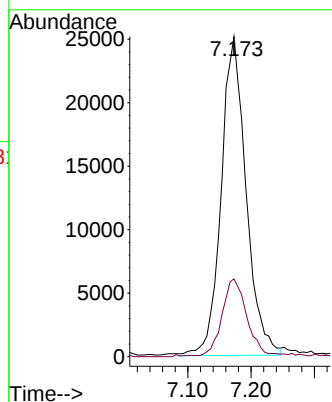
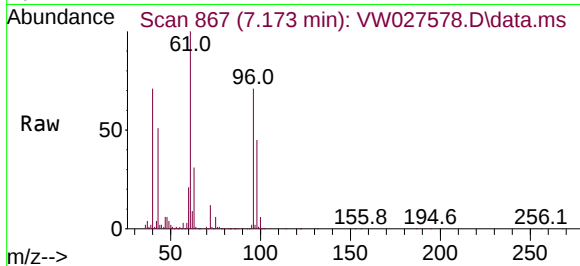




#22
2-Butanone
Concen: 43.156 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

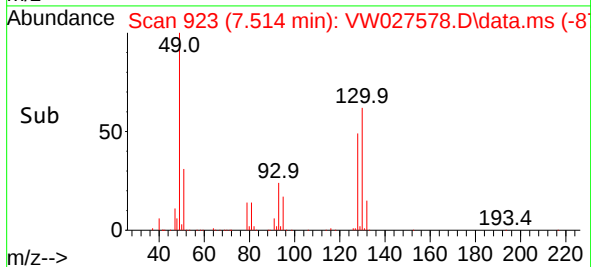
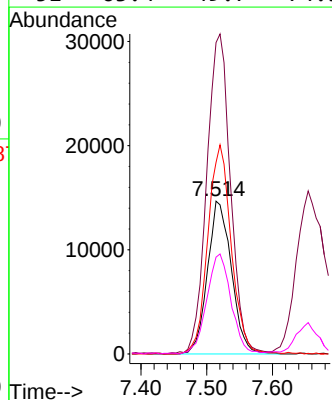
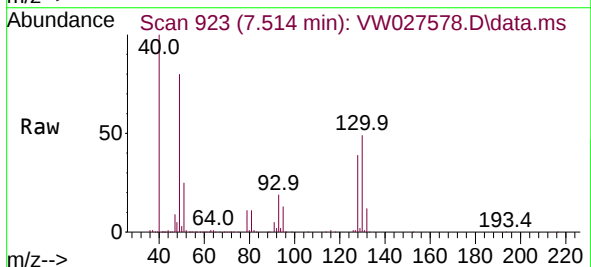
Instrument :
MSVOA_W
ClientSampleId :

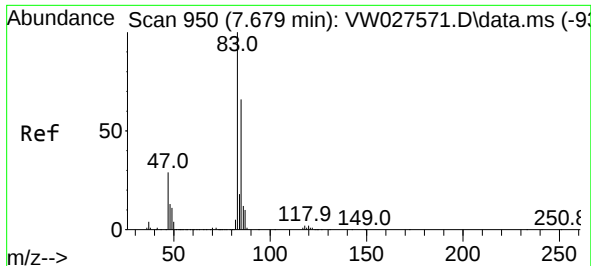
Tgt Ion: 43 Resp: 68631
Ion Ratio Lower Upper
43 100
72 23.4 11.9 35.9



#23
Bromochloromethane
Concen: 24.625 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 128 Resp: 37098
Ion Ratio Lower Upper
128 100
49 203.8 137.8 256.0
130 125.3 91.2 169.4
51 63.4 49.7 74.5

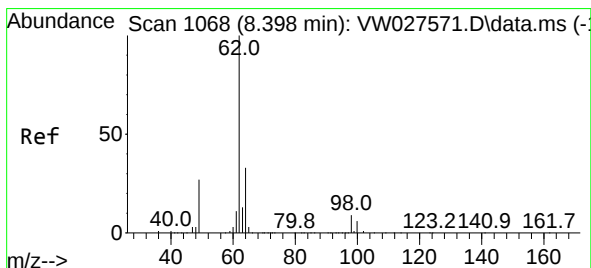
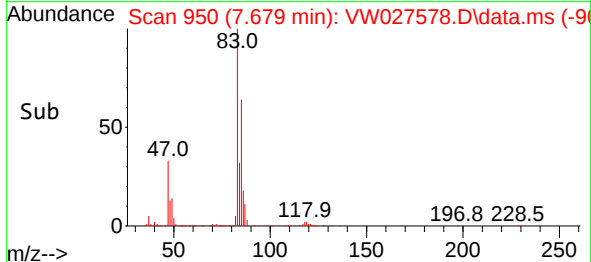
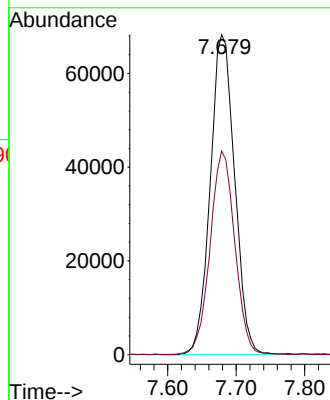
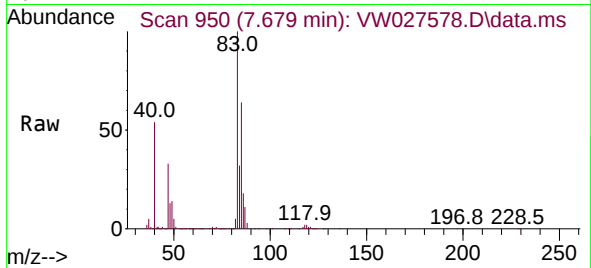




#25
Chloroform
Concen: 25.634 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

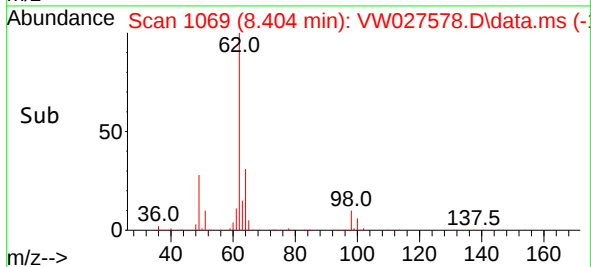
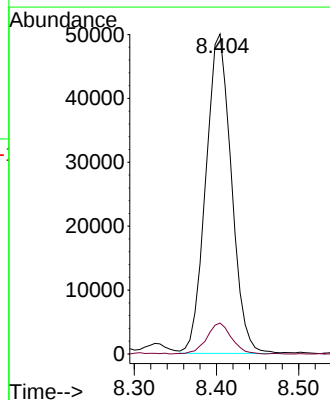
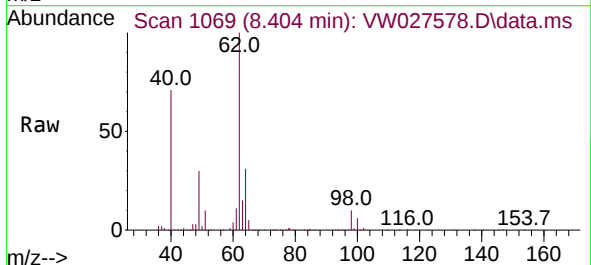
Instrument :
MSVOA_W
ClientSampleId :

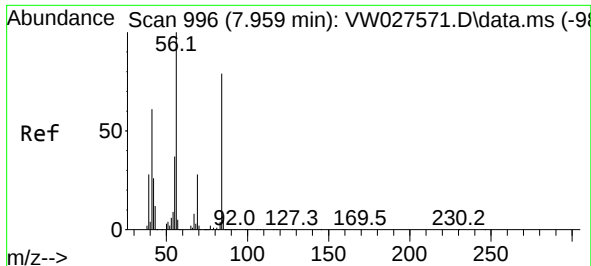
Tgt Ion: 83 Resp: 168817
Ion Ratio Lower Upper
83 100
85 63.7 49.8 92.6



#27
1,2-Dichloroethane
Concen: 25.362 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

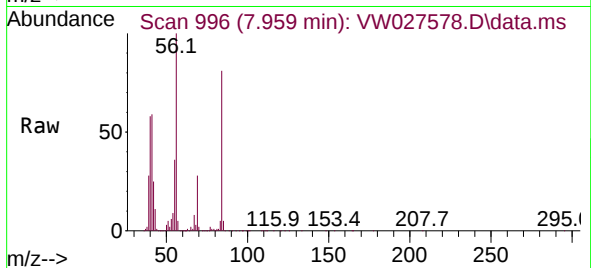
Tgt Ion: 62 Resp: 107952
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0



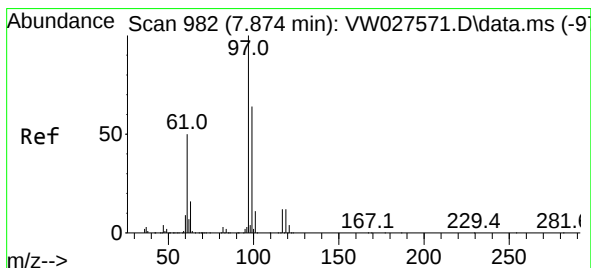
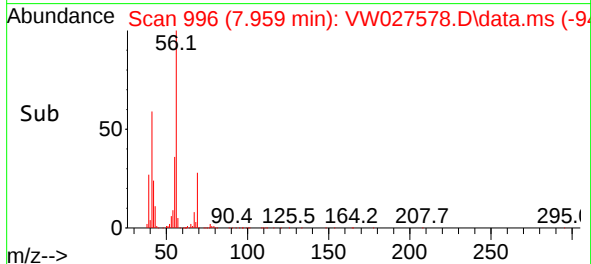
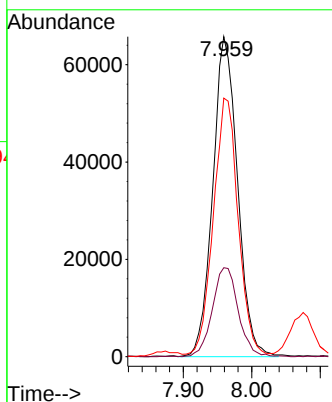


#29
Cyclohexane
Concen: 23.252 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Instrument :
MSVOA_W
ClientSampleId :

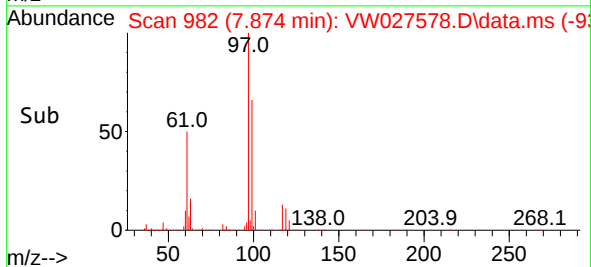
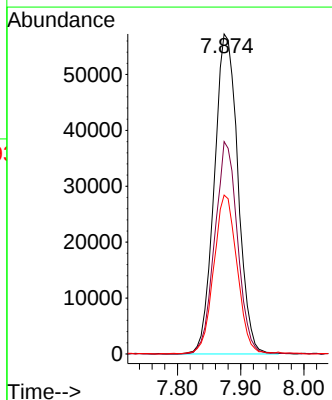
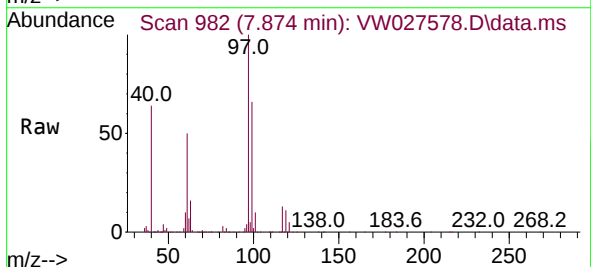


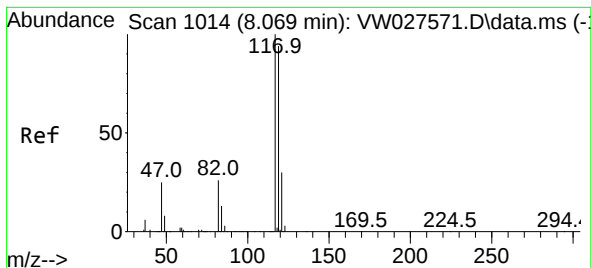
Tgt Ion: 56 Resp: 164919
Ion Ratio Lower Upper
56 100
69 29.0 24.1 36.1
84 81.4 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 24.667 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 97 Resp: 148448
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 48.7 39.0 58.4





#31

Carbon tetrachloride

Concen: 23.684 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

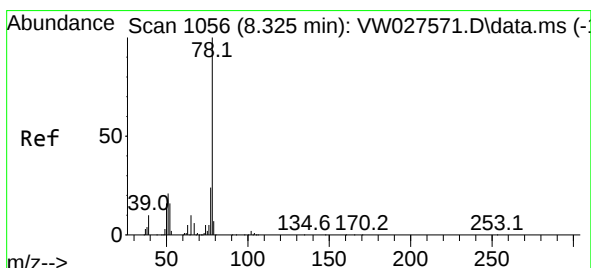
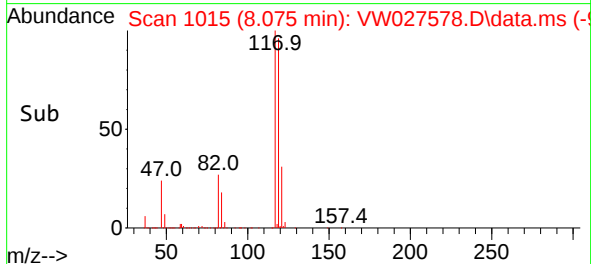
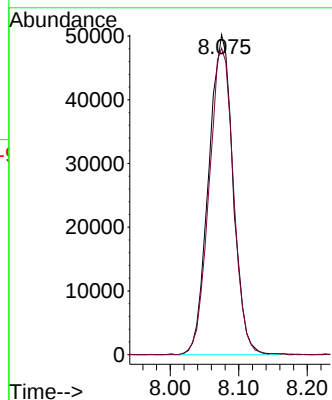
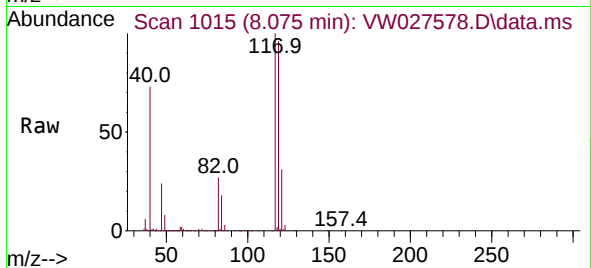
ClientSampleId :

Tgt Ion:117 Resp: 124322

Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.6



#33

Benzene

Concen: 24.861 ug/L

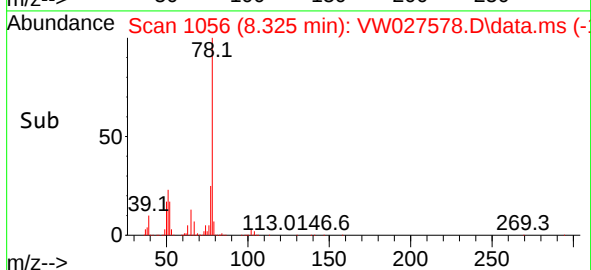
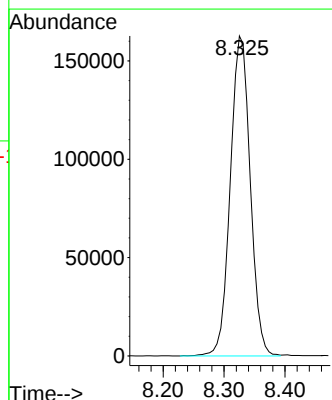
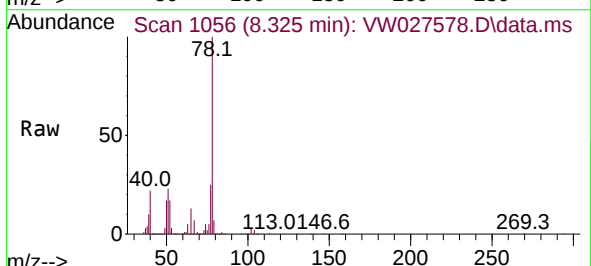
RT: 8.325 min Scan# 1056

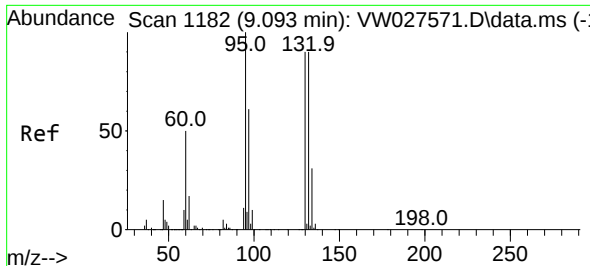
Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Tgt Ion: 78 Resp: 370171

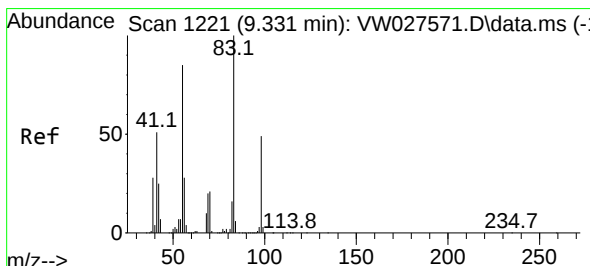
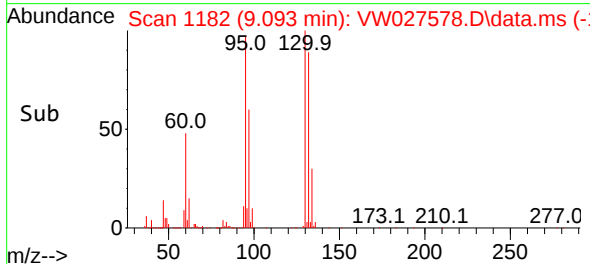
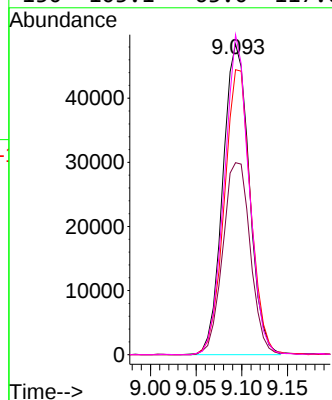
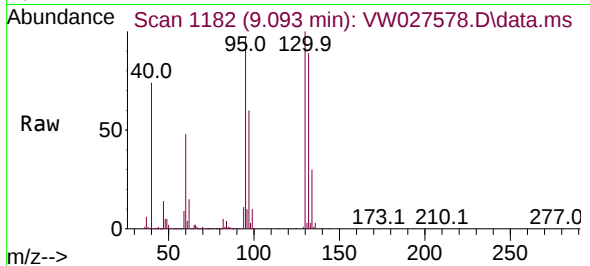




#34
Trichloroethene
Concen: 23.964 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

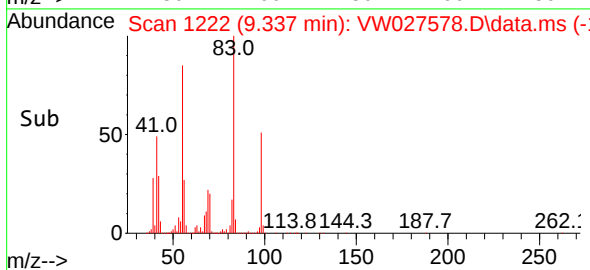
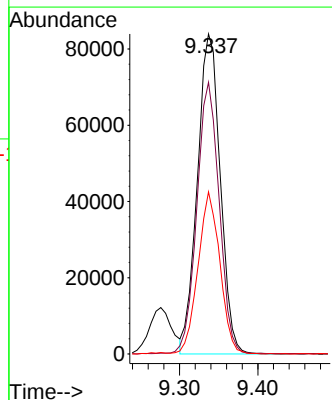
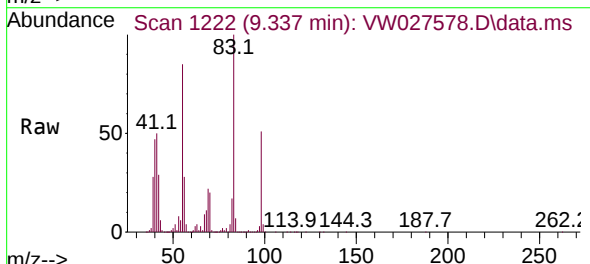
Instrument :
MSVOA_W
ClientSampleId :

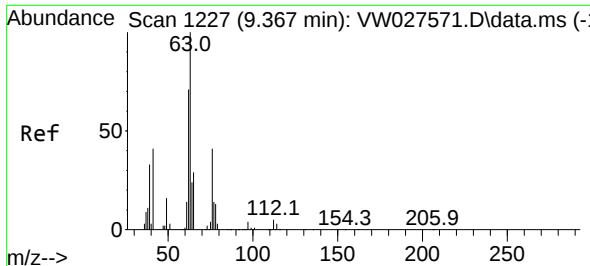
Tgt Ion: 95 Resp: 97463
Ion Ratio Lower Upper
95 100
97 61.9 43.0 80.0
132 91.8 64.1 119.1
130 103.1 63.0 117.0



#35
Methylcyclohexane
Concen: 23.571 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 83 Resp: 170698
Ion Ratio Lower Upper
83 100
55 82.7 65.6 98.4
98 48.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.520 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

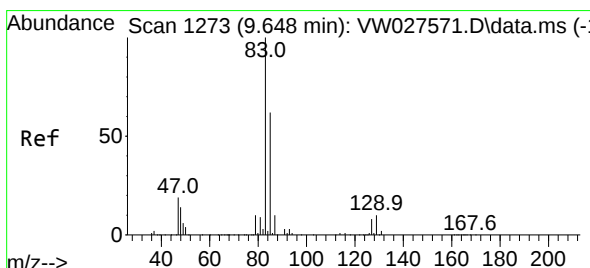
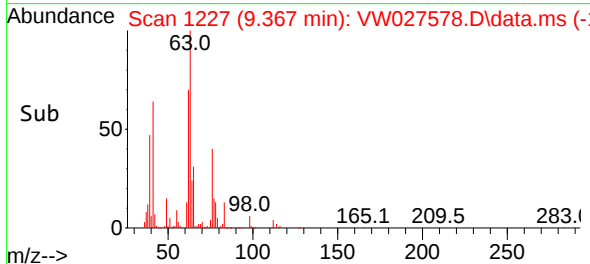
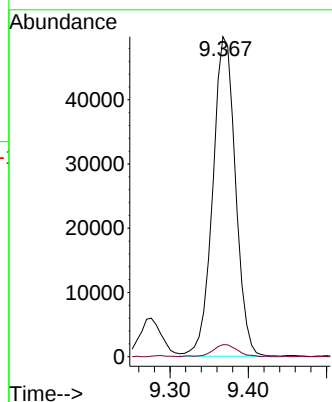
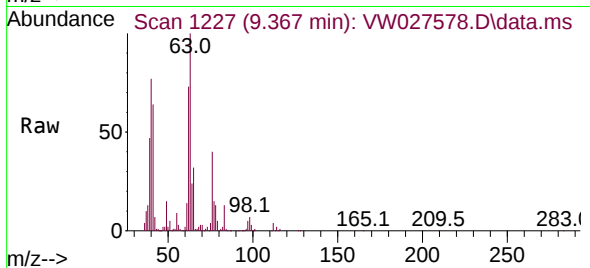
ClientSampleId :

Tgt Ion: 63 Resp: 100327

Ion Ratio Lower Upper

63 100

112 4.0 3.6 5.4



#38

Bromodichloromethane

Concen: 25.569 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

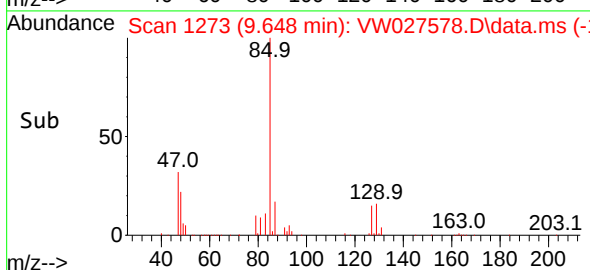
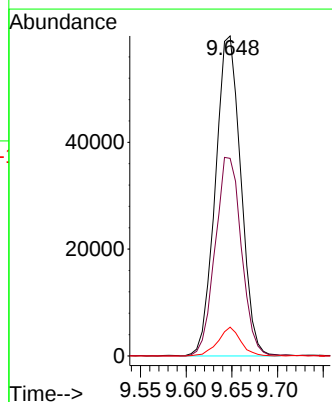
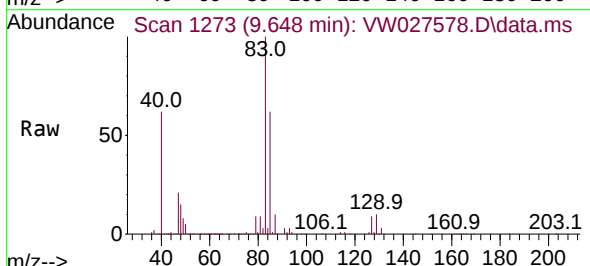
Tgt Ion: 83 Resp: 116205

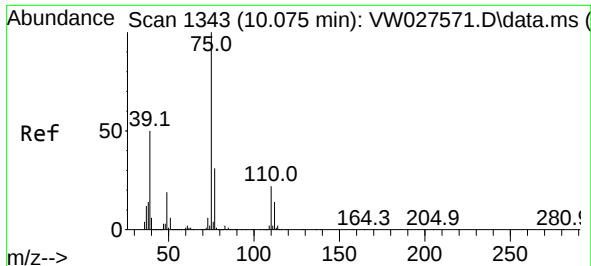
Ion Ratio Lower Upper

83 100

85 61.7 44.3 82.3

127 9.0 5.3 7.9#

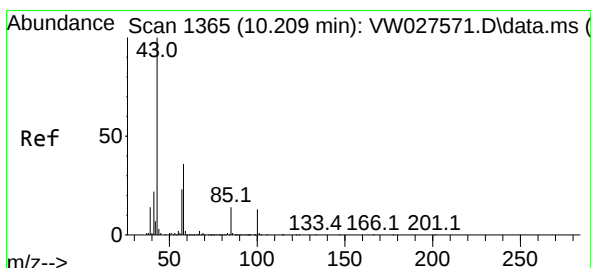
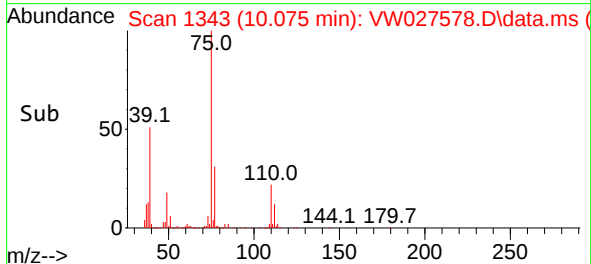
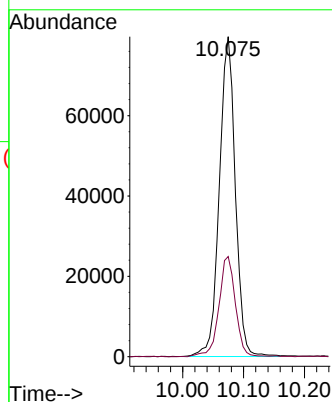
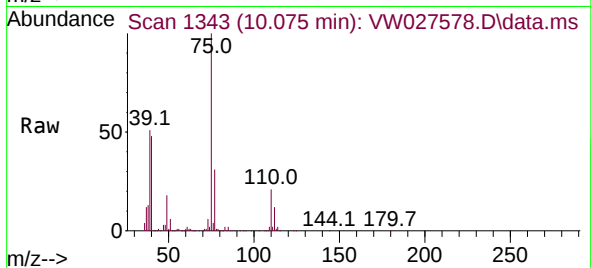




#39
 cis-1,3-Dichloropropene
 Concen: 25.576 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

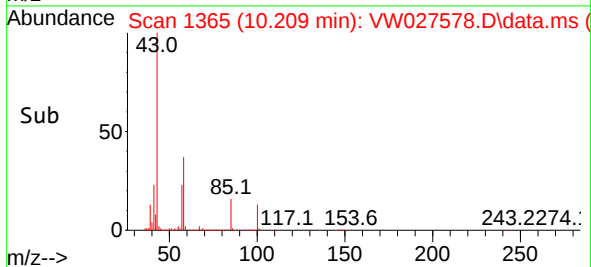
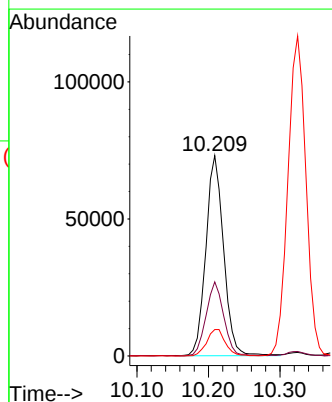
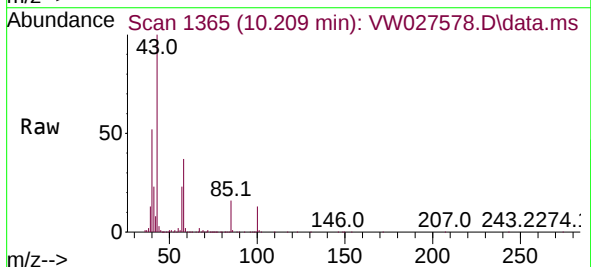
Instrument :
 MSVOA_W
 ClientSampleId :

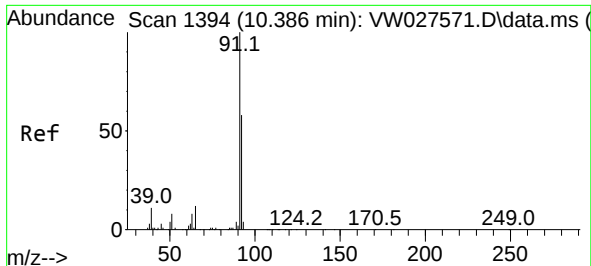
Tgt Ion: 75 Resp: 145146
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 47.423 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027578.D
 Acq: 08 Dec 2023 08:23

Tgt Ion: 43 Resp: 126019
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.6 44.4
 100 13.9 11.1 16.7

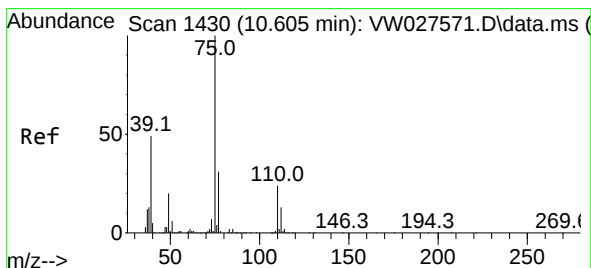
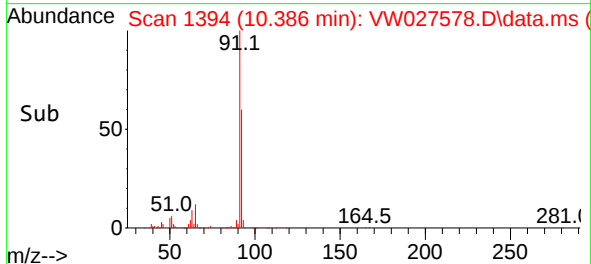
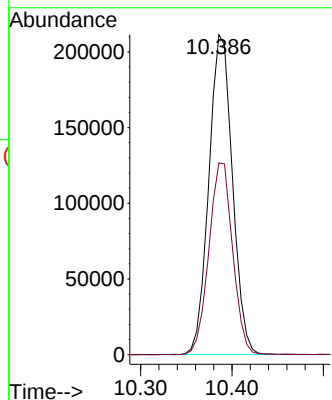
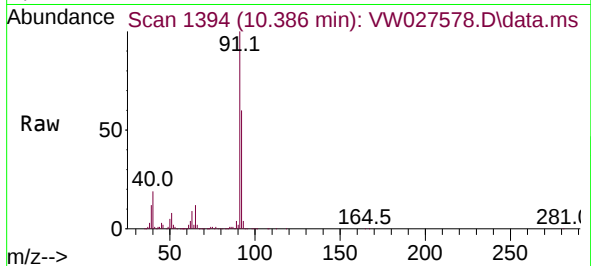




#42
Toluene
Concen: 24.061 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

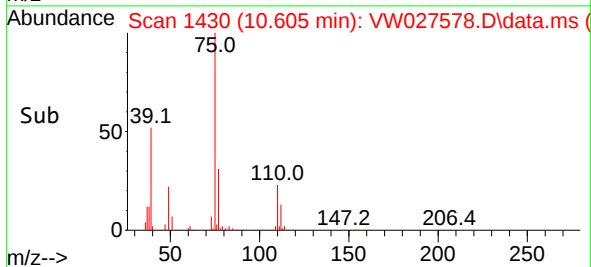
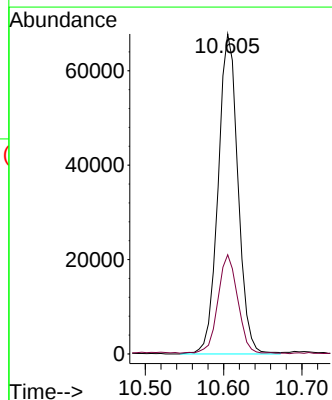
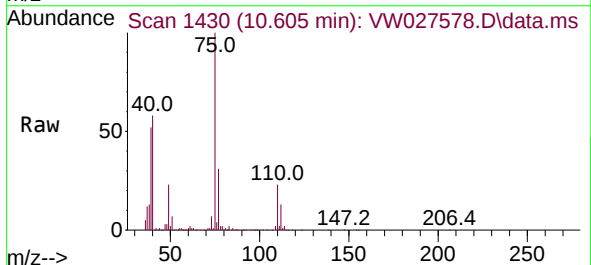
Instrument :
MSVOA_W
ClientSampleId :

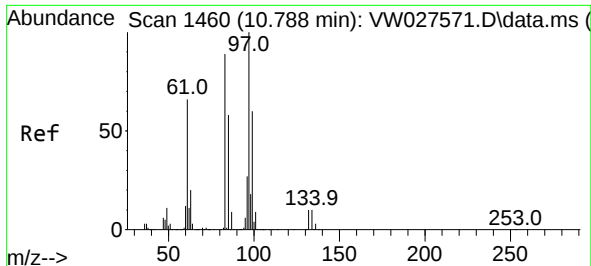
Tgt Ion: 91 Resp: 378930
Ion Ratio Lower Upper
91 100
92 60.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 26.137 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion: 75 Resp: 119660
Ion Ratio Lower Upper
75 100
77 31.0 23.7 44.1





#45

1,1,2-Trichloroethane

Concen: 25.724 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 70430

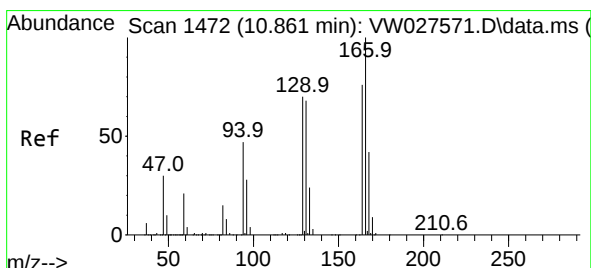
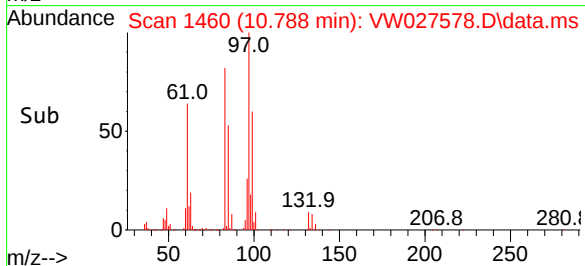
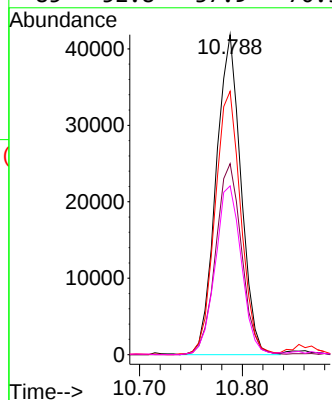
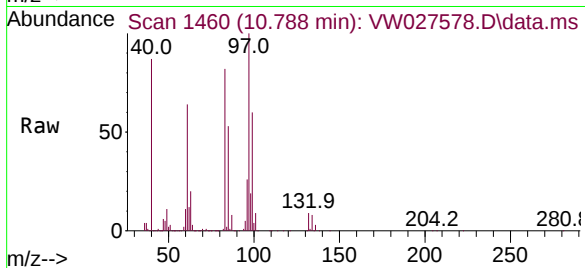
Ion Ratio Lower Upper

97 100

99 59.7 42.8 79.4

83 82.3 59.9 111.3

85 52.8 37.9 70.5



#46

Tetrachloroethene

Concen: 24.506 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Tgt Ion:164 Resp: 71054

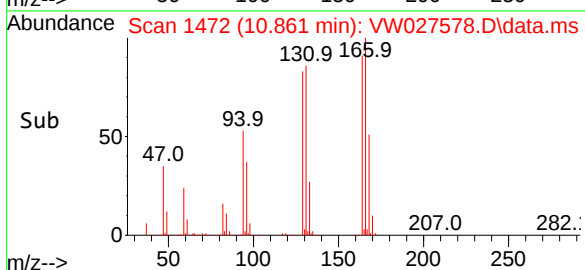
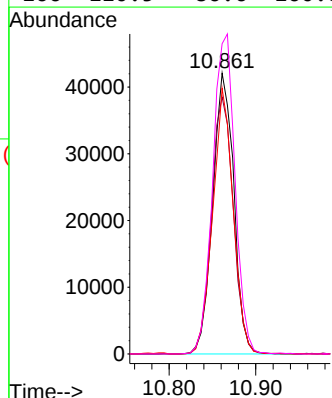
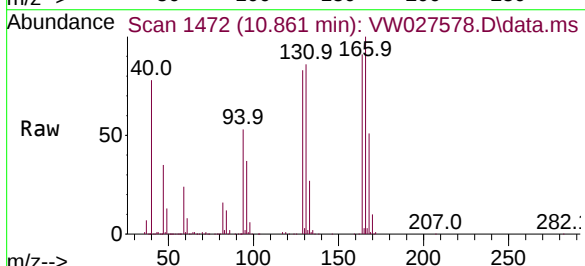
Ion Ratio Lower Upper

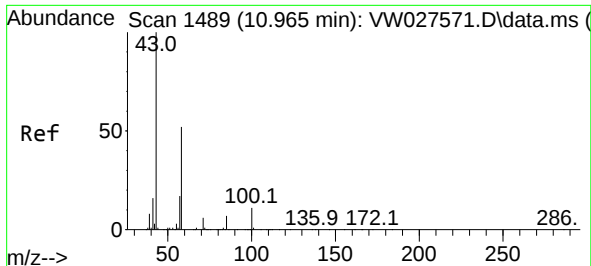
164 100

129 91.5 71.0 131.8

131 94.6 61.2 113.6

166 110.5 86.6 160.8

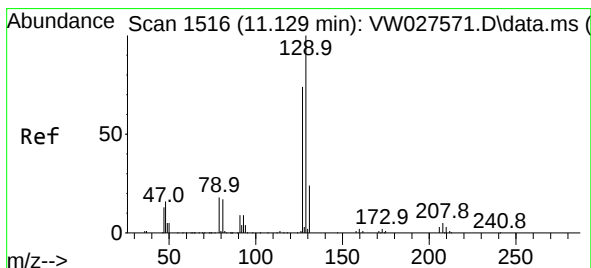
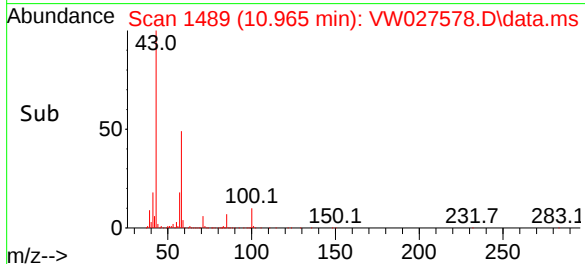
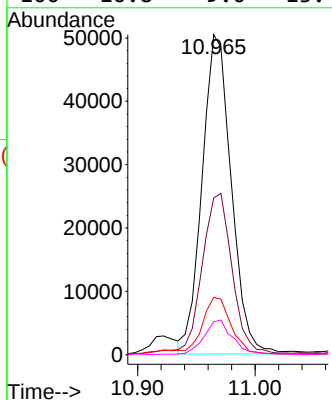
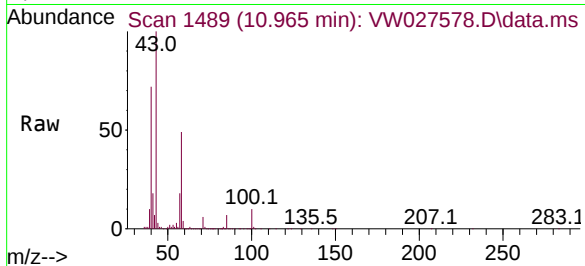




#48
2-Hexanone
Concen: 46.533 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

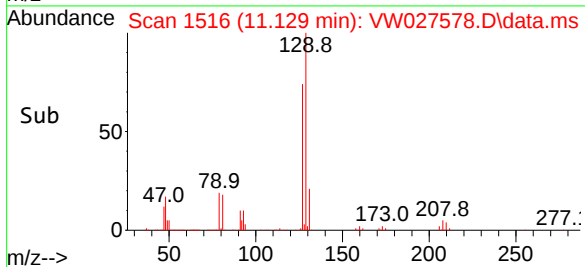
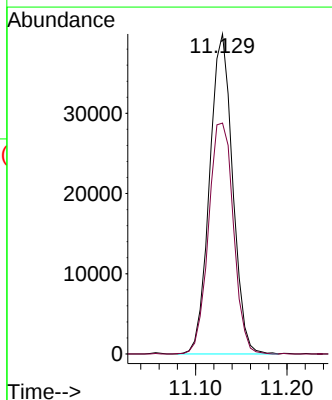
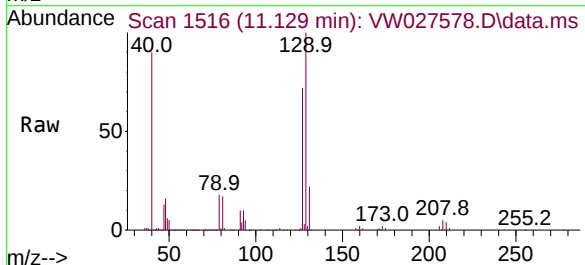
Instrument :
MSVOA_W
ClientSampleId :

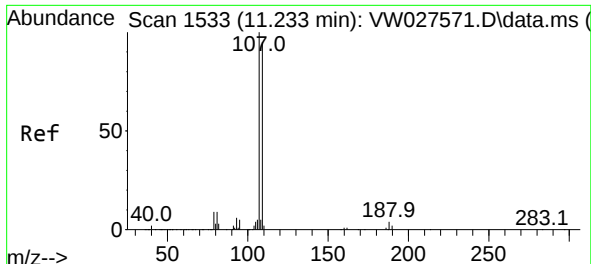
Tgt Ion: 43	Resp: 87147
Ion Ratio	Lower Upper
43 100	
58 51.5	40.8 61.2
57 16.9	14.8 22.2
100 10.8	9.0 13.4



#49
Dibromochloromethane
Concen: 25.800 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion:129	Resp: 69824		
Ion Ratio	Lower	Upper	
129 100			
127 72.1	52.3	97.1	

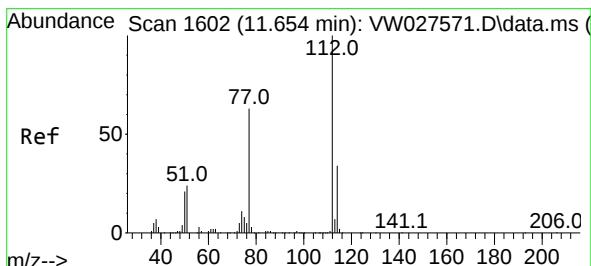
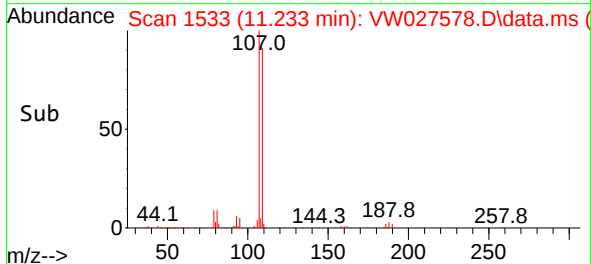
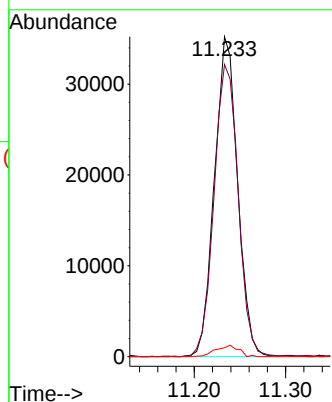
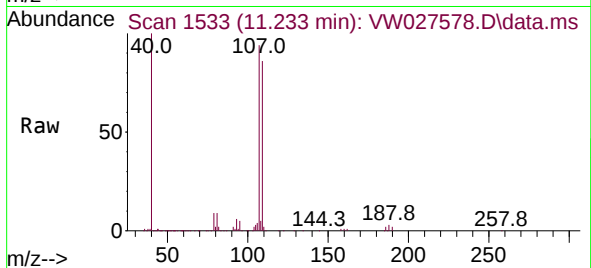




#50
1,2-Dibromoethane
Concen: 24.753 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

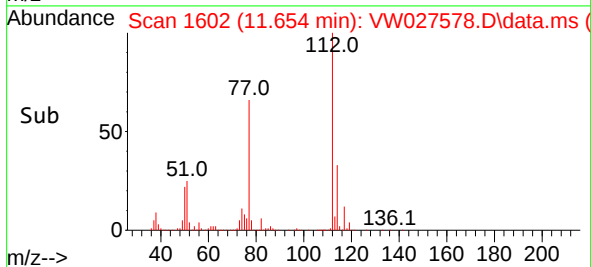
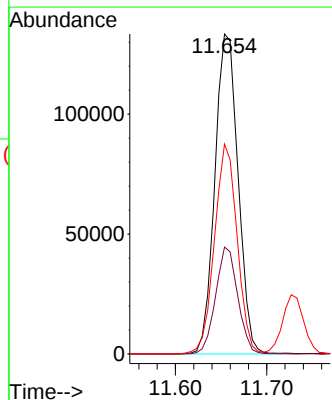
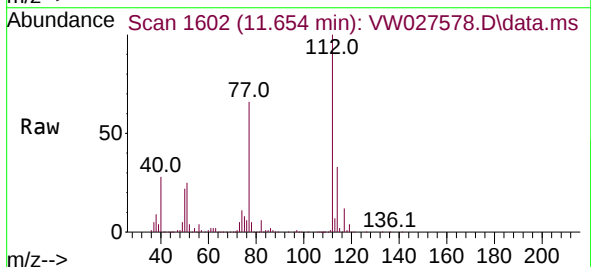
Instrument :
MSVOA_W
ClientSampleId :

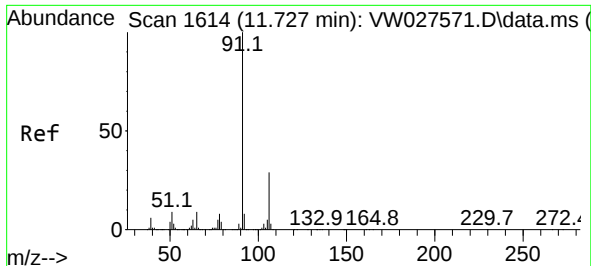
Tgt Ion:107 Resp: 62004
Ion Ratio Lower Upper
107 100
109 91.3 64.8 120.3
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 24.818 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion:112 Resp: 235801
Ion Ratio Lower Upper
112 100
114 33.4 21.5 39.9
77 65.6 50.6 76.0

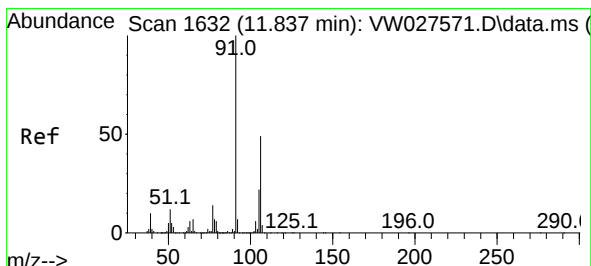
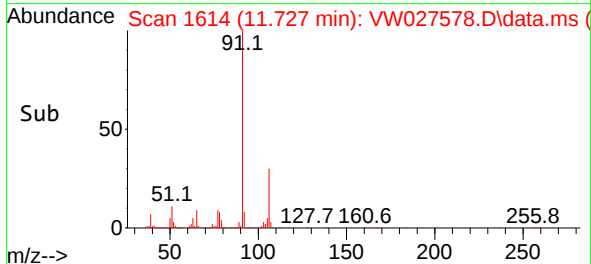
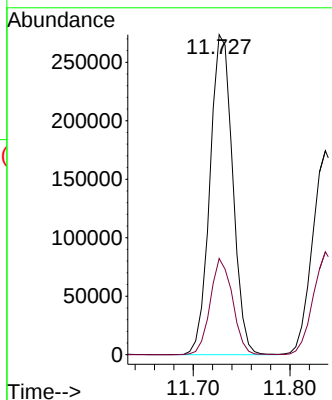
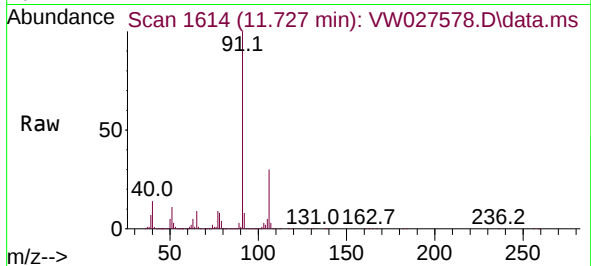




#52
Ethylbenzene
Concen: 24.985 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

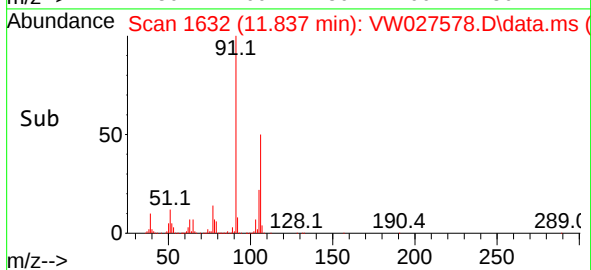
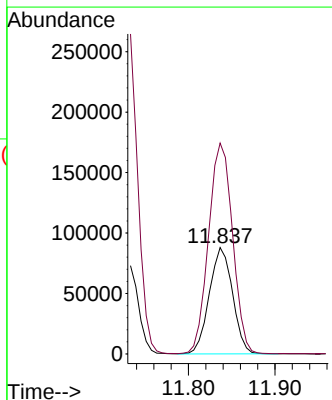
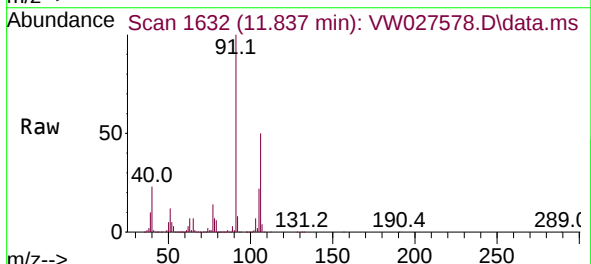
Instrument :
MSVOA_W
ClientSampleId :

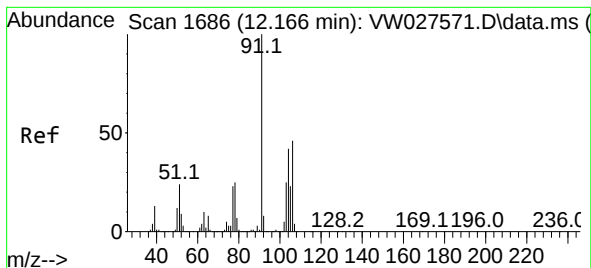
Tgt Ion: 91 Resp: 446958
Ion Ratio Lower Upper
91 100
106 30.1 19.5 36.1



#53
m,p-Xylene
Concen: 24.838 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion:106 Resp: 163727
Ion Ratio Lower Upper
106 100
91 198.3 142.1 263.9





#54

o-Xylene

Concen: 25.838 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

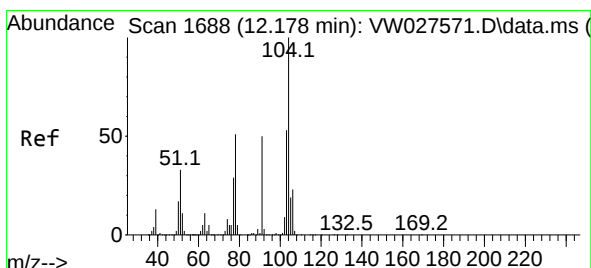
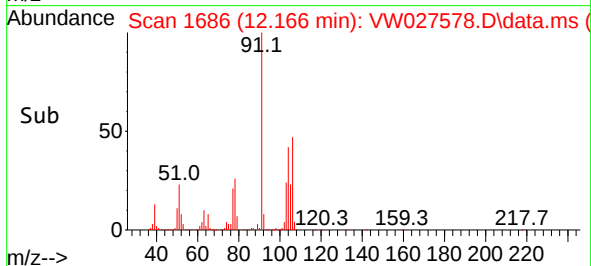
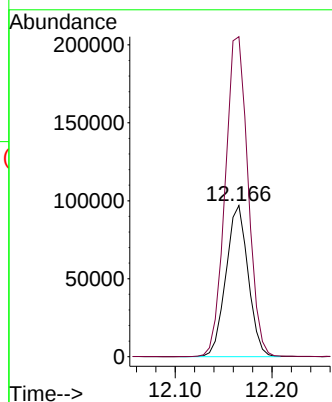
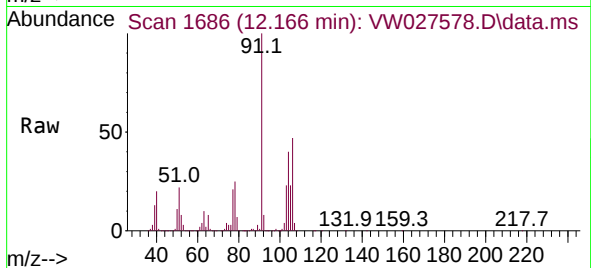
ClientSampleId :

Tgt Ion:106 Resp: 154804

Ion Ratio Lower Upper

106 100

91 211.5 158.8 295.0



#55

Styrene

Concen: 25.828 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027578.D

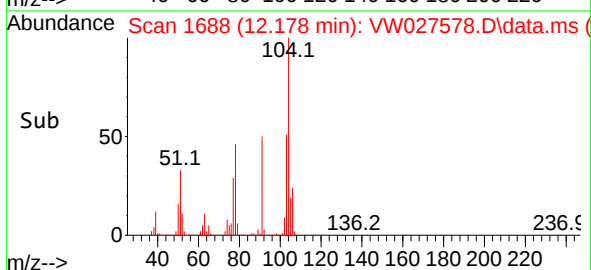
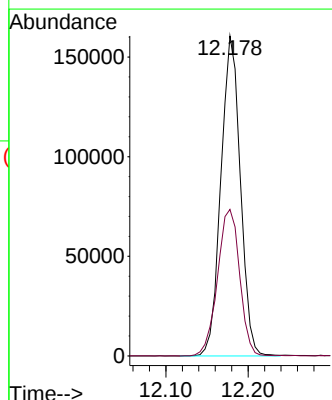
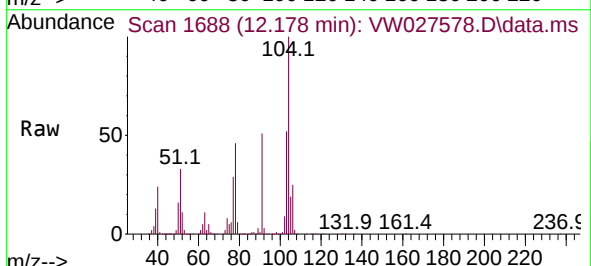
Acq: 08 Dec 2023 08:23

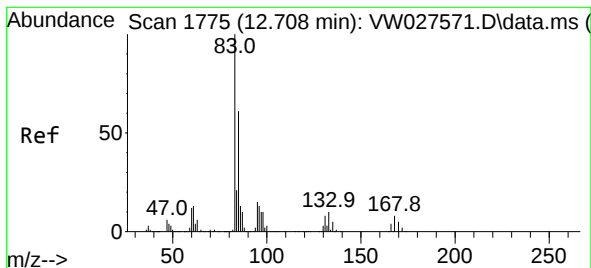
Tgt Ion:104 Resp: 264118

Ion Ratio Lower Upper

104 100

78 45.8 33.9 62.9

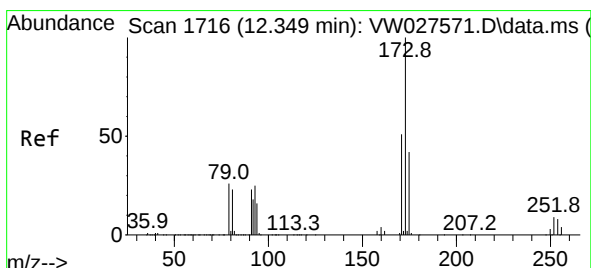
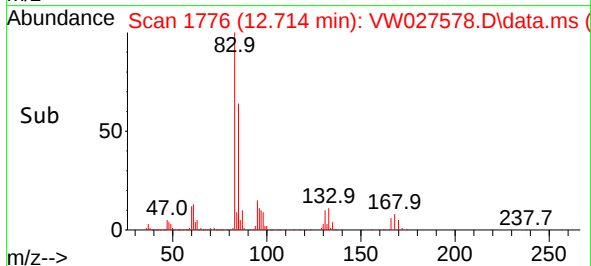
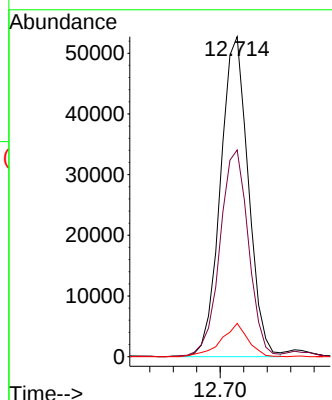
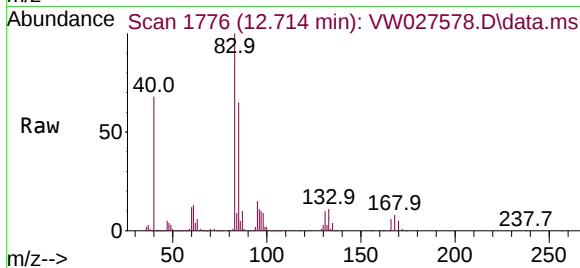




#57
1,1,2,2-Tetrachloroethane
Concen: 24.335 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

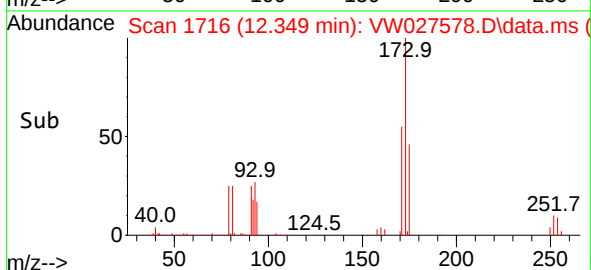
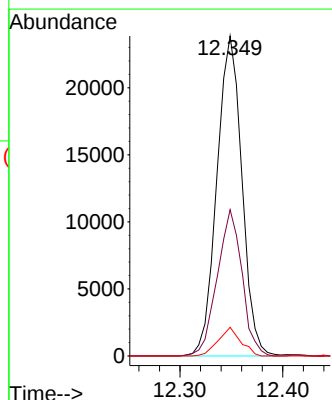
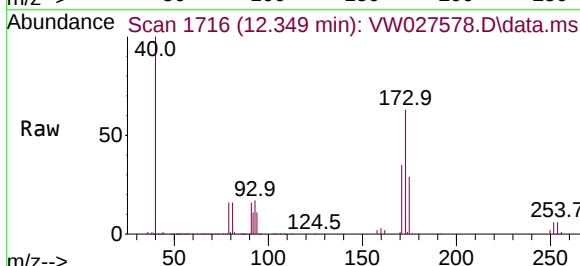
Instrument :
MSVOA_W
ClientSampleId :

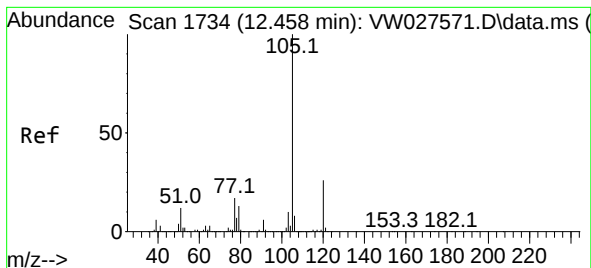
Tgt Ion: 83 Resp: 86738
Ion Ratio Lower Upper
83 100
85 64.6 41.9 77.7
131 10.4 7.0 10.6



#59
Bromoform
Concen: 26.193 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion:173 Resp: 40344
Ion Ratio Lower Upper
173 100
175 45.1 39.4 59.0
254 8.1 7.8 11.8





#60

Isopropylbenzene

Concen: 24.914 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

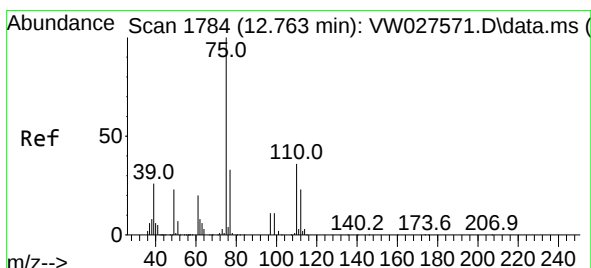
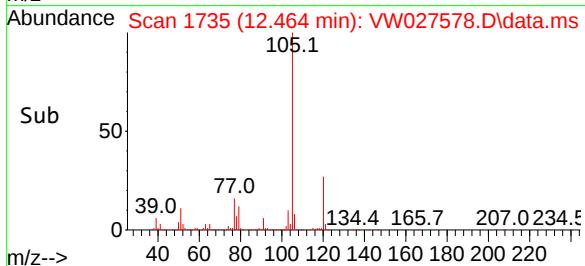
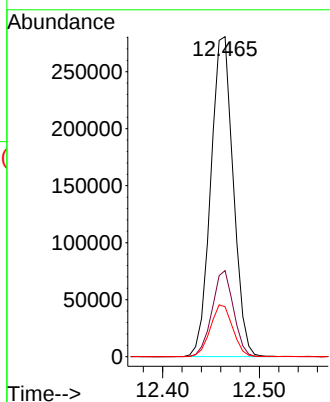
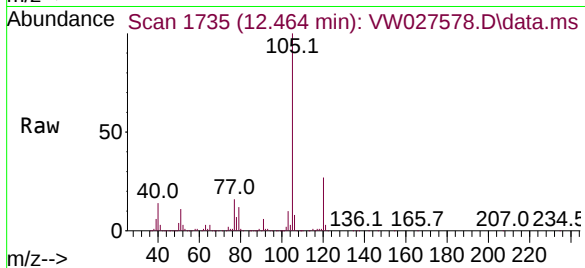
Tgt Ion:105 Resp: 452389

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.1 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 24.015 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

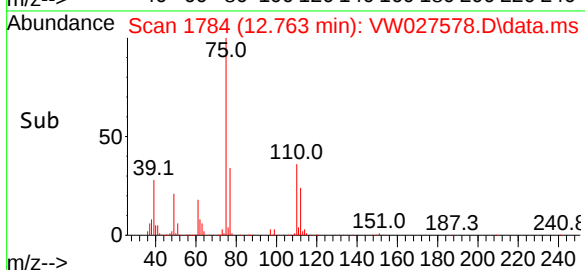
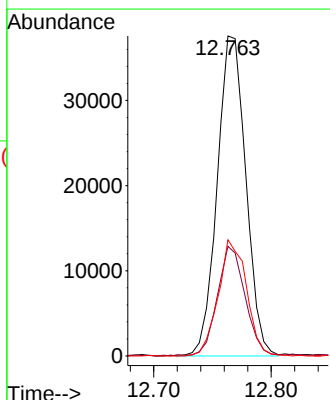
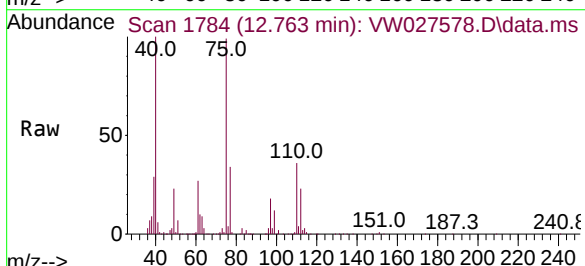
Tgt Ion: 75 Resp: 63700

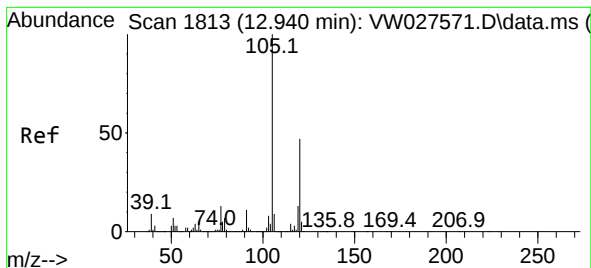
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 35.7 30.2 45.4





#62

1,3,5-Trimethylbenzene

Concen: 25.069 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

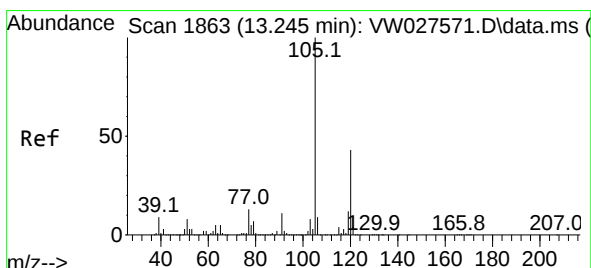
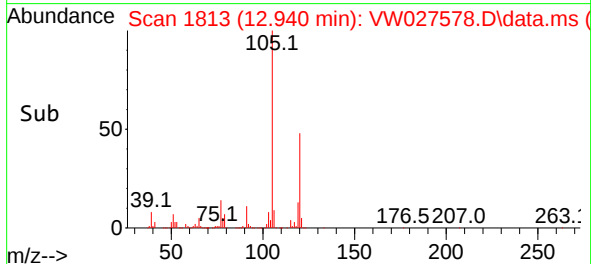
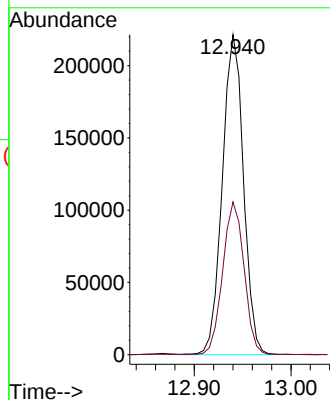
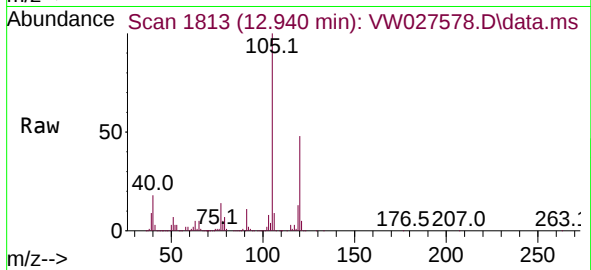
ClientSampleId :

Tgt Ion:105 Resp: 336669

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 24.892 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027578.D

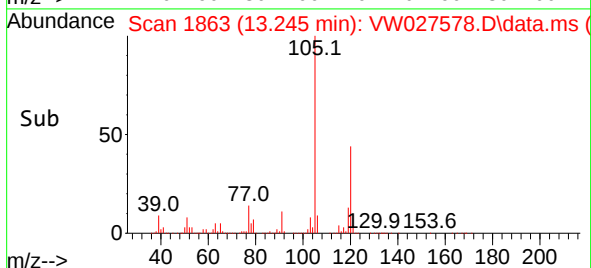
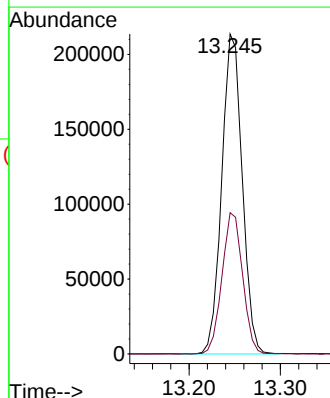
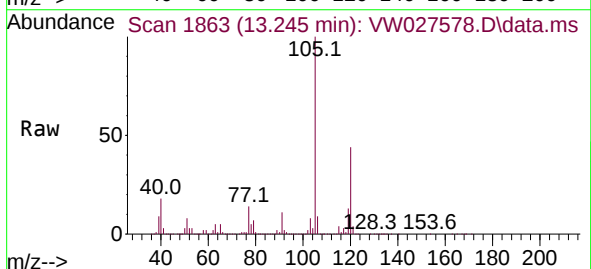
Acq: 08 Dec 2023 08:23

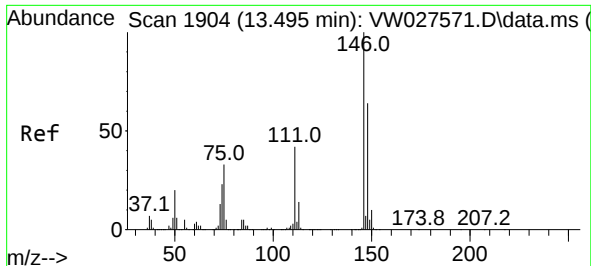
Tgt Ion:105 Resp: 332939

Ion Ratio Lower Upper

105 100

120 44.6 36.9 55.3

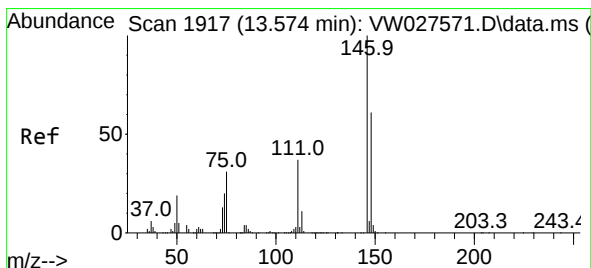
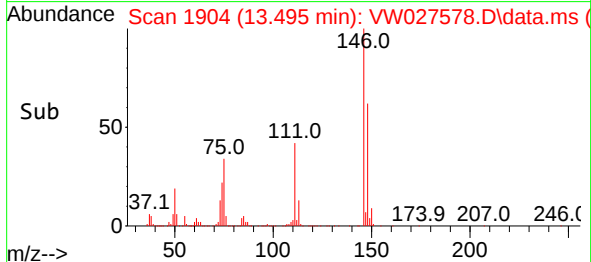
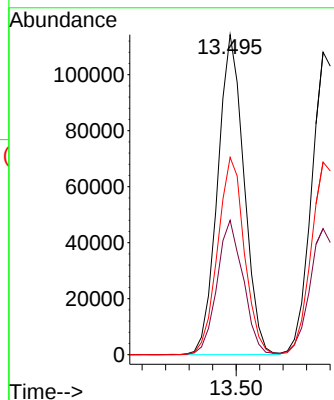
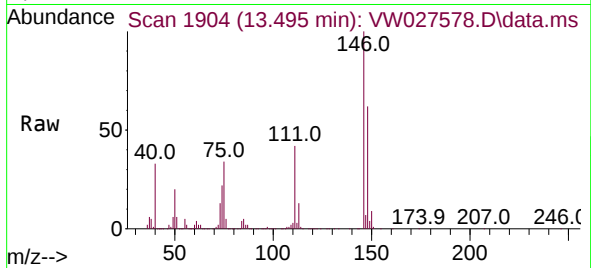




#64
1,3-Dichlorobenzene
Concen: 25.591 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

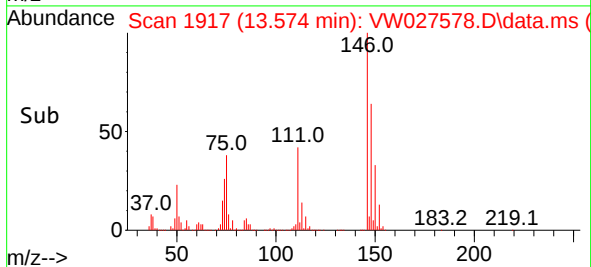
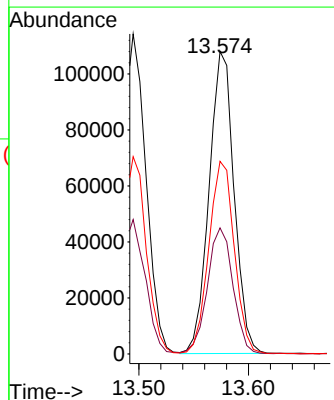
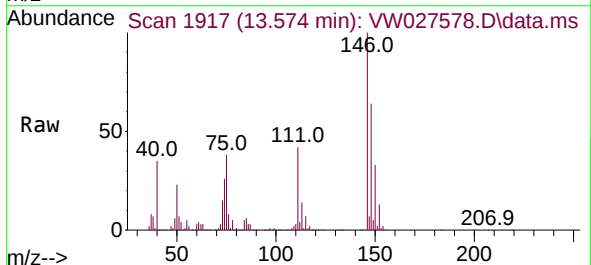
Instrument :
MSVOA_W
ClientSampleId :

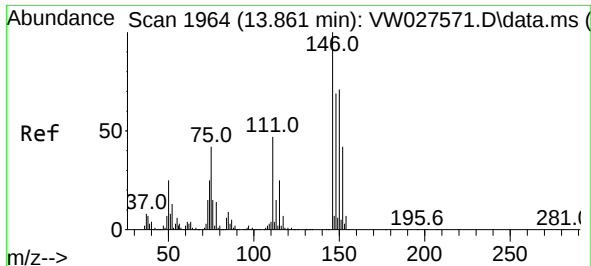
Tgt Ion:146 Resp: 177992
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.7
148 61.6 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 24.666 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027578.D
Acq: 08 Dec 2023 08:23

Tgt Ion:146 Resp: 171120
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 63.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 24.499 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

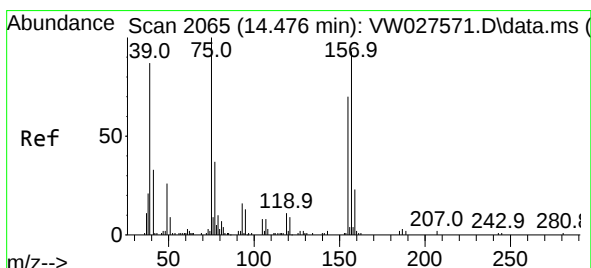
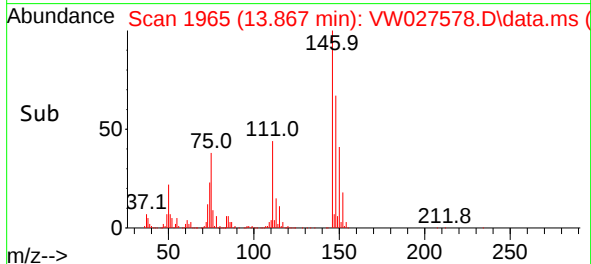
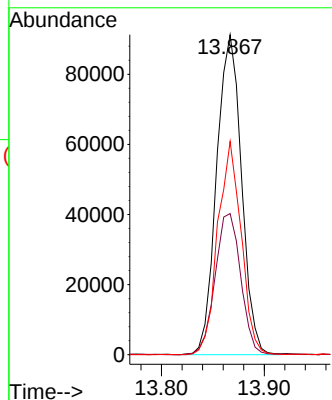
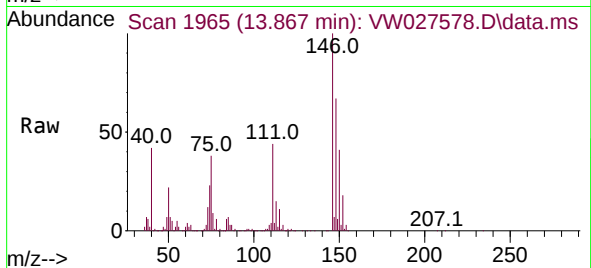
Tgt Ion:146 Resp: 153510

Ion Ratio Lower Upper

146 100

111 44.1 33.9 50.9

148 66.7 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 21.617 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

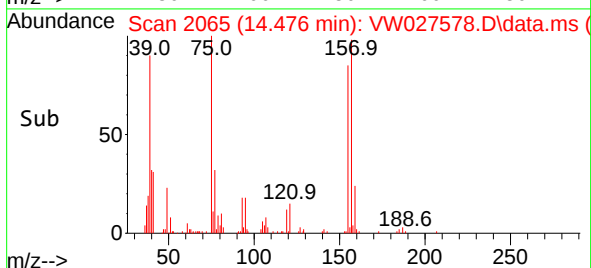
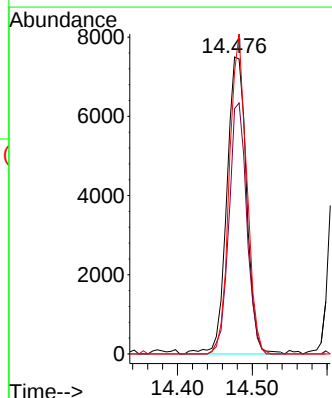
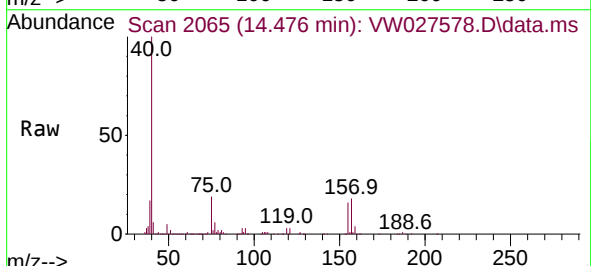
Tgt Ion: 75 Resp: 13792

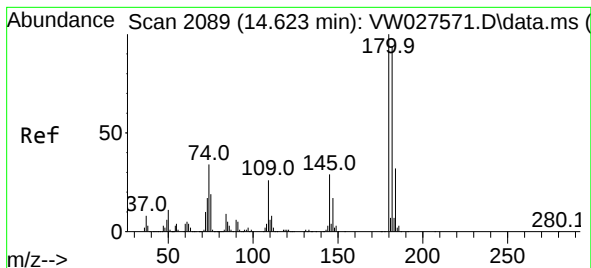
Ion Ratio Lower Upper

75 100

155 82.6 65.8 98.8

157 95.2 63.0 94.6#





#69

1,3,5-Trichlorobenzene

Concen: 25.248 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

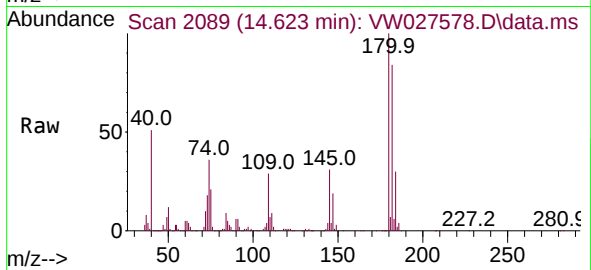
Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118086

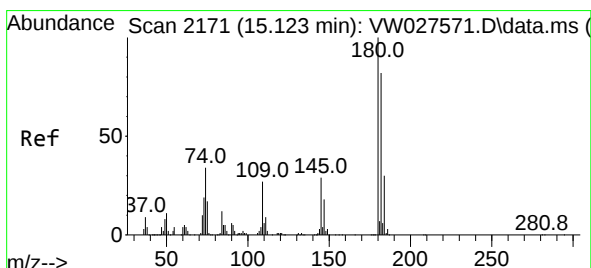
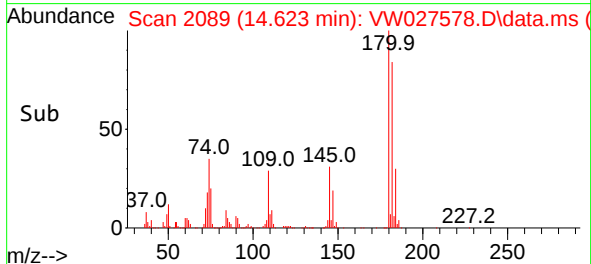
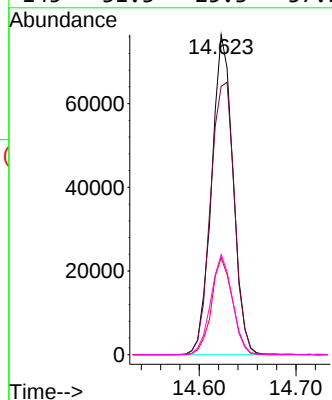
Ion Ratio Lower Upper

180 100

182 94.1 73.2 109.8

184 29.6 25.4 38.2

145 31.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 26.315 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

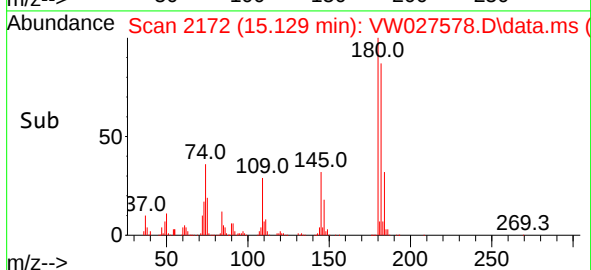
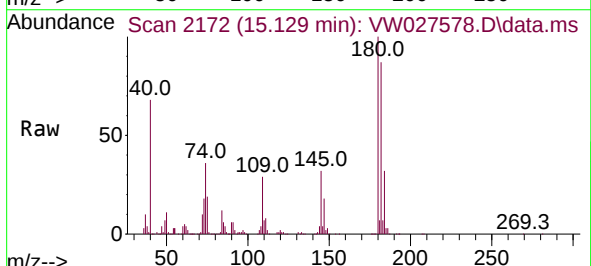
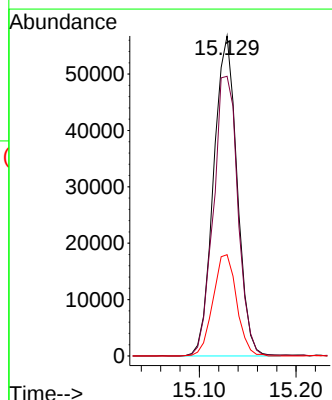
Tgt Ion:180 Resp: 95572

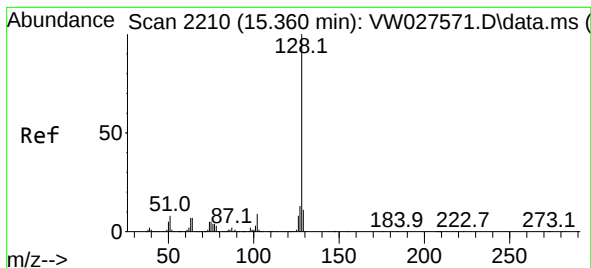
Ion Ratio Lower Upper

180 100

182 91.2 78.7 118.1

145 31.9 26.8 40.2





#71

Naphthalene

Concen: 25.388 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

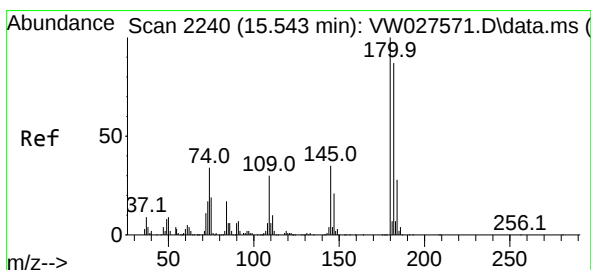
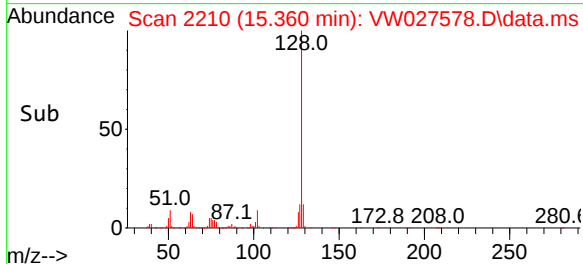
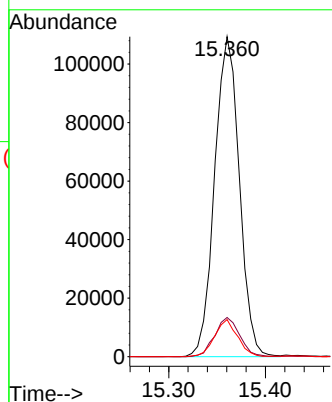
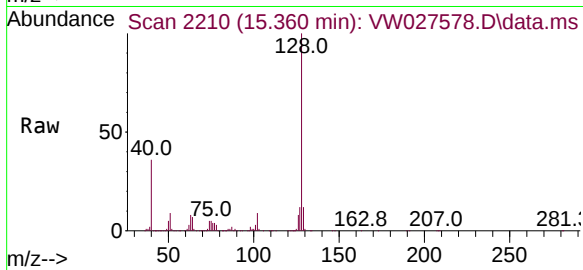
Tgt Ion:128 Resp: 193943

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.439 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027578.D

Acq: 08 Dec 2023 08:23

Tgt Ion:180 Resp: 82255

Ion Ratio Lower Upper

180 100

182 93.3 72.4 108.6

145 33.5 27.4 41.0

