

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027270.D
 Acq On : 06 Oct 2023 18:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 00:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 07 00:22:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	782951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	775545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	400631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	143840	11.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.760%
7) Chloroethane-d5	2.899	69	142599	14.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.680%
11) 1,1-Dichloroethene-d2	4.021	65	68380	13.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.520%
21) 2-Butanone-d5	7.081	46	84430	33.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.400%
24) Chloroform-d	7.648	84	373919	16.318	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.280%
26) 1,2-Dichloroethane-d4	8.307	65	188439	17.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.640%#
32) Benzene-d6	8.276	84	712942	15.000	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.000%
36) 1,2-Dichloropropane-d6	9.276	67	218662	15.367	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	61.480%#
41) Toluene-d8	10.325	98	619537	14.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.080%
43) trans-1,3-Dichloroprop...	10.575	79	85052	15.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.920%
47) 2-Hexanone-d5	10.922	63	70283	32.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184931	16.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	198132	14.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	183922	18.078	ug/L	99
3) Chloromethane	2.229	50	248900	18.125	ug/L	99
5) Vinyl chloride	2.381	62	261345	17.431	ug/L	98
6) Bromomethane	2.789	94	201232	20.372	ug/L	93
8) Chloroethane	2.930	64	190439	20.928	ug/L	97
9) Trichlorofluoromethane	3.265	101	192523	15.278	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	97805	7.714	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	224066	18.499	ug/L	95
13) Acetone	4.125	43	107504	34.210	ug/L	94
14) Carbon disulfide	4.393	76	701440	17.254	ug/L	98
15) Methyl Acetate	4.673	43	128006	24.303	ug/L	97
16) Methylene chloride	4.923	84	284716	18.576	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	263323	20.205	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	350876	21.514	ug/L	98
19) 1,1-Dichloroethane	6.222	63	509973	20.983	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	292846	21.079	ug/L	94
22) 2-Butanone	7.173	43	155111	39.911	ug/L	97
23) Bromochloromethane	7.514	128	128670	20.298	ug/L	97
25) Chloroform	7.679	83	519887	21.931	ug/L	99

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 Response via : Initial Calibration

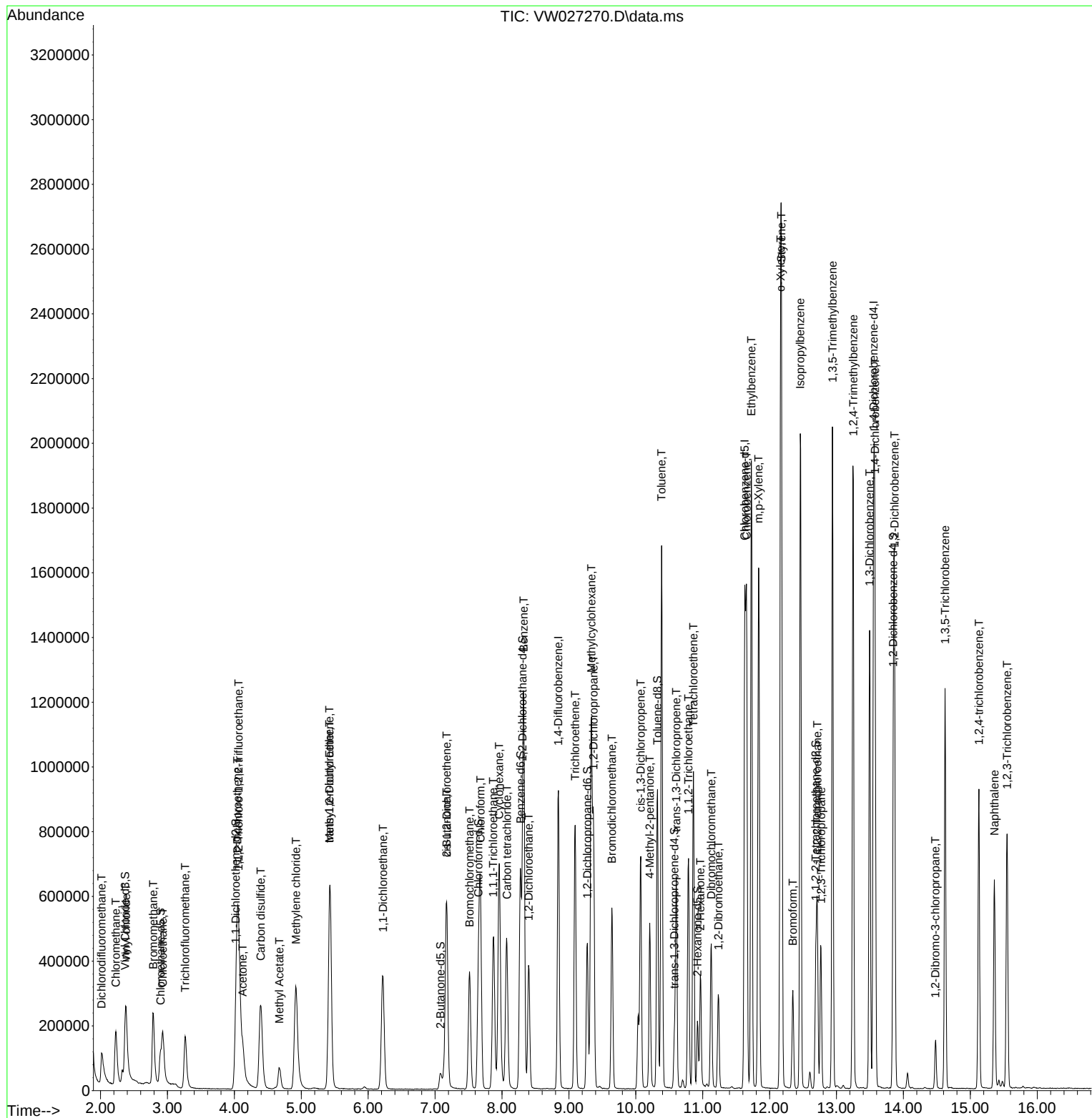
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	341476	23.515	ug/L	98
29) Cyclohexane	7.959	56	391818	18.990	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	380820	19.753	ug/L	96
31) Carbon tetrachloride	8.075	117	345245	18.960	ug/L	98
33) Benzene	8.325	78	1162282	21.204	ug/L	100
34) Trichloroethene	9.093	95	290037	20.262	ug/L	93
35) Methylcyclohexane	9.337	83	464082	19.276	ug/L	98
37) 1,2-Dichloropropane	9.367	63	312582	22.131	ug/L	100
38) Bromodichloromethane	9.642	83	365430	21.542	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	427255	20.530	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	326051	47.584	ug/L	97
42) Toluene	10.386	91	1214376	21.573	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	364839	21.391	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	224593	21.973	ug/L	97
46) Tetrachloroethene	10.861	164	212843	18.915	ug/L	94
48) 2-Hexanone	10.965	43	219550	40.871	ug/L	95
49) Dibromochloromethane	11.129	129	228078	20.575	ug/L	94
50) 1,2-Dibromoethane	11.233	107	203626	21.469	ug/L	97
51) Chlorobenzene	11.654	112	766304	20.514	ug/L	99
52) Ethylbenzene	11.727	91	1343881	21.251	ug/L	98
53) m,p-Xylene	11.837	106	506544	20.889	ug/L	93
54) o-Xylene	12.166	106	473388	20.898	ug/L	100
55) Styrene	12.178	104	853962	21.900	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	270391	22.055	ug/L	99
59) Bromoform	12.349	173	137541	21.741	ug/L	97
60) Isopropylbenzene	12.458	105	1282800	21.745	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	190448	23.219	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1014438	21.932	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	1002652	22.121	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	554975	20.382	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	572450	20.926	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	529960	22.206	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	38714	22.035	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	352868	20.126	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	278813	20.156	ug/L	98
71) Naphthalene	15.360	128	535684	21.949	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	259616	21.143	ug/L	99

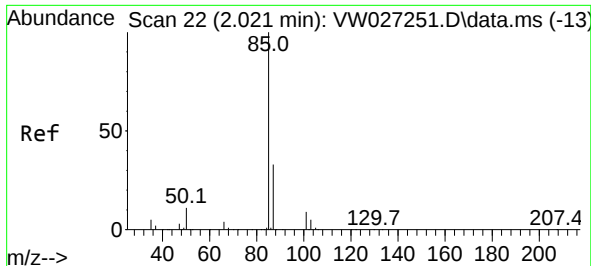
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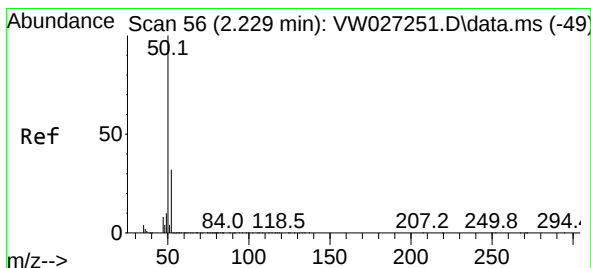
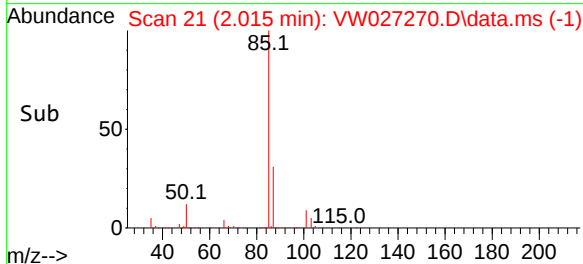
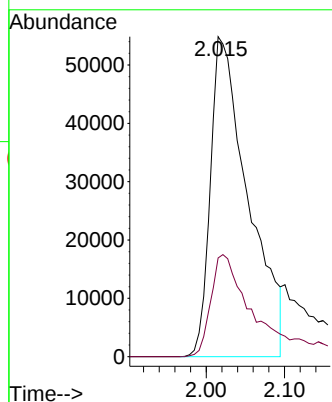
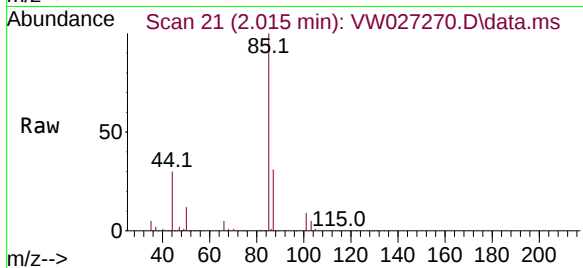




#2
 Dichlorodifluoromethane
 Concen: 18.078 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

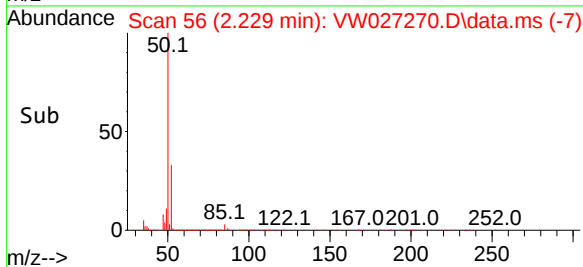
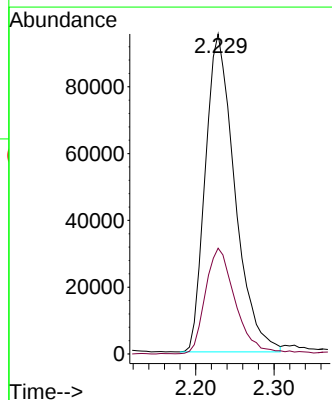
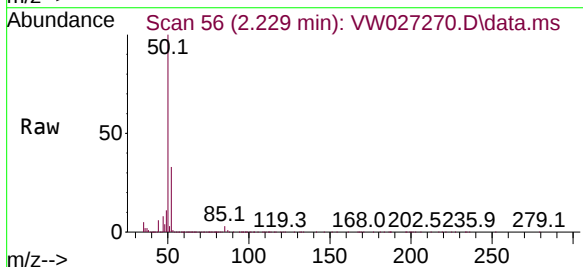
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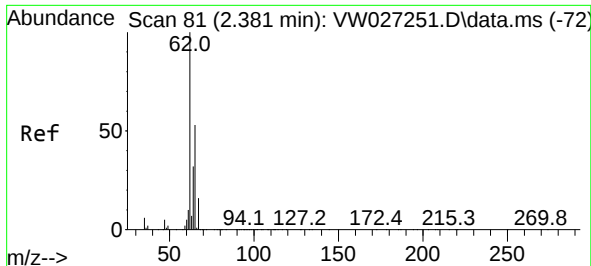
Tgt Ion: 85 Resp: 183922
 Ion Ratio Lower Upper
 85 100
 87 26.9 22.1 33.1



#3
 Chloromethane
 Concen: 18.125 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

Tgt Ion: 50 Resp: 248900
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.5 43.7

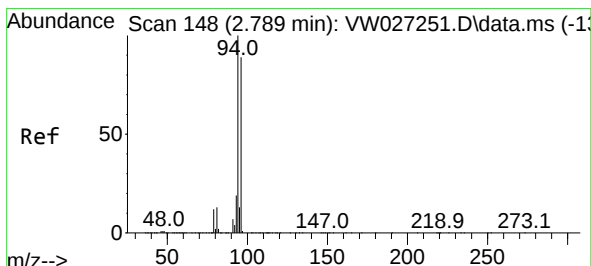
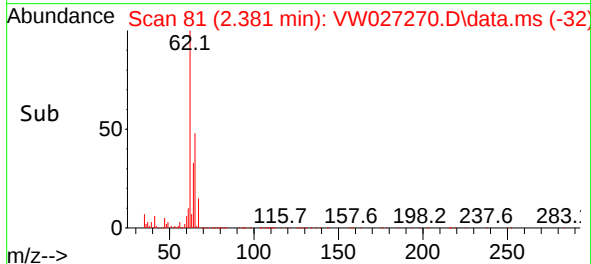
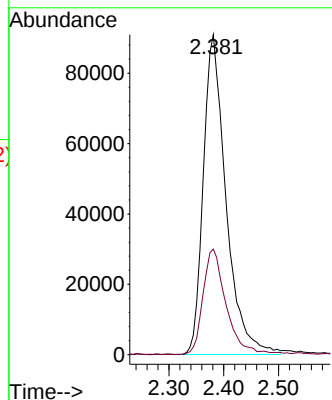
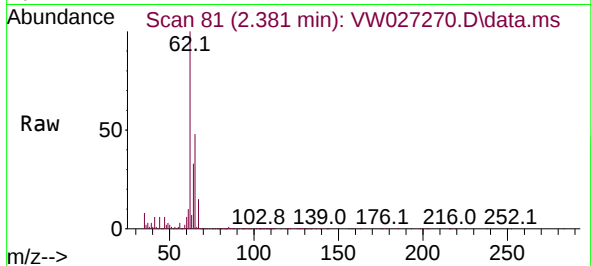




#5
 Vinyl chloride
 Concen: 17.431 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

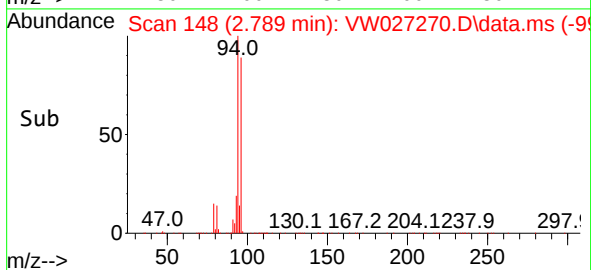
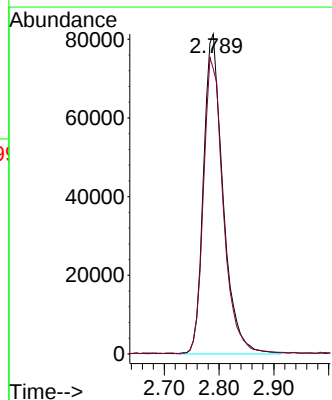
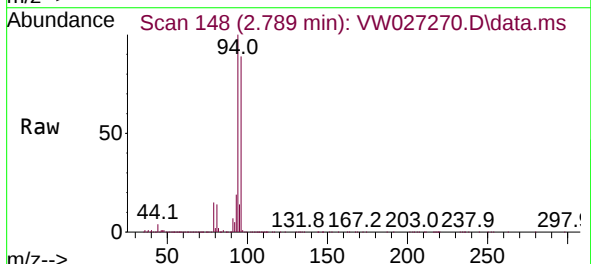
Instrument :
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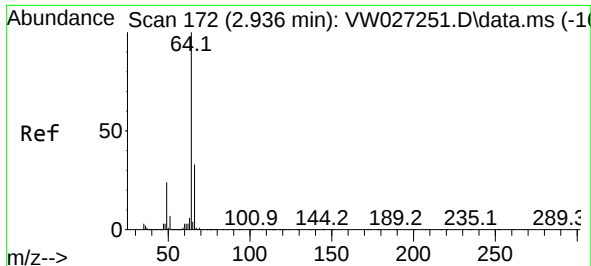
Tgt Ion: 62 Resp: 261345
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.2 41.2



#6
 Bromomethane
 Concen: 20.372 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

Tgt Ion: 94 Resp: 201232
 Ion Ratio Lower Upper
 94 100
 96 89.0 66.8 124.0

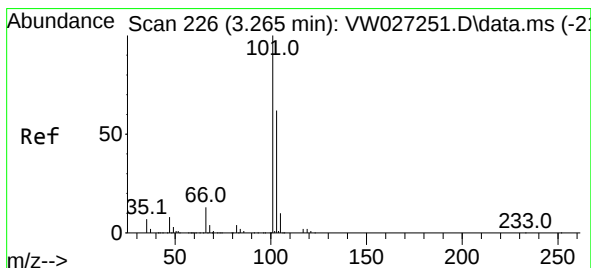
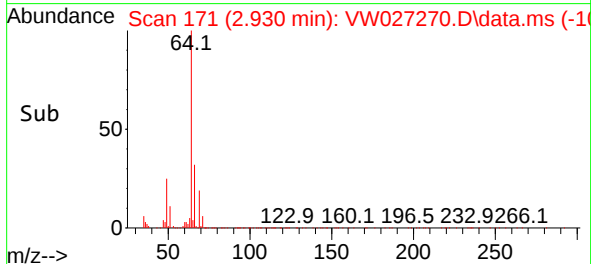
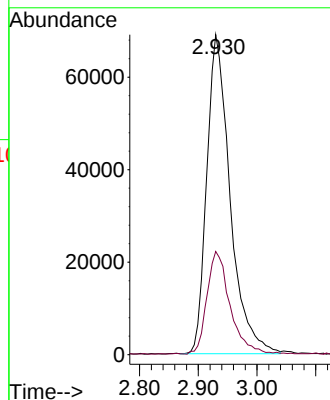
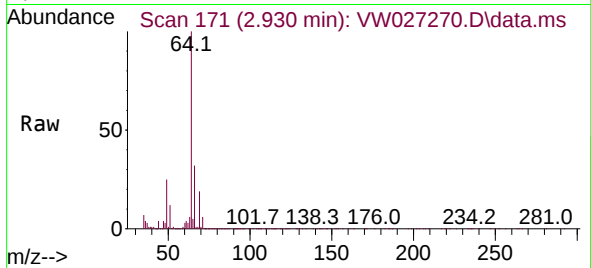




#8
Chloroethane
Concen: 20.928 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

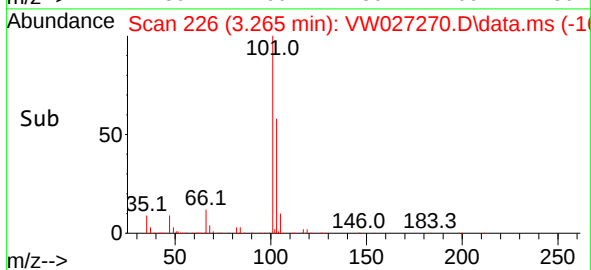
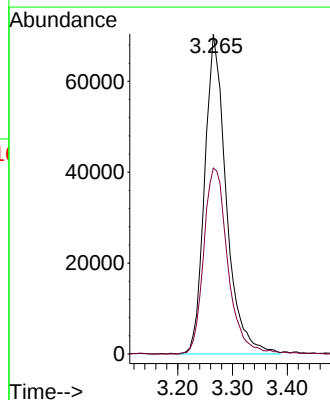
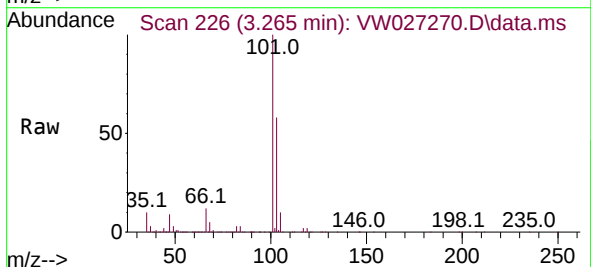
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MSVOA_W
ClientSampleId :

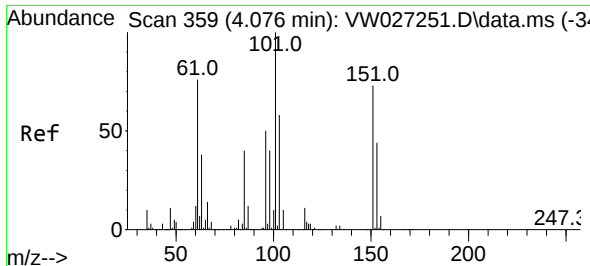
Tgt Ion: 64 Resp: 190439
Ion Ratio Lower Upper
64 100
66 32.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 15.278 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 101 Resp: 192523
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

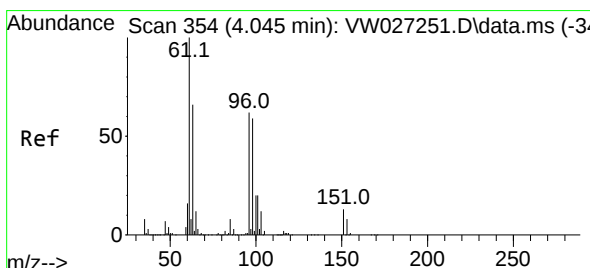
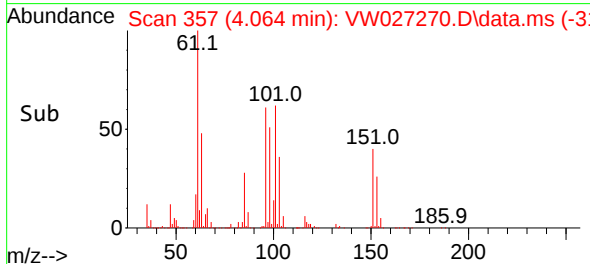
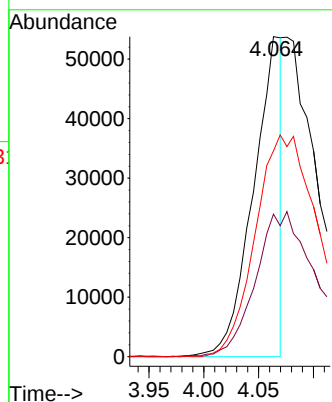
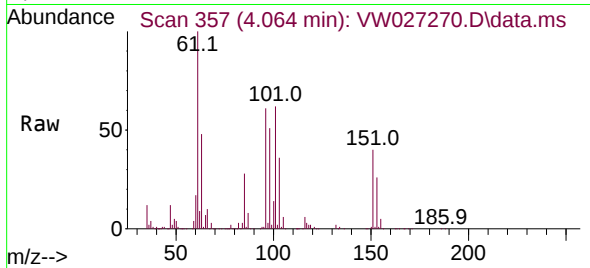




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.714 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.012 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

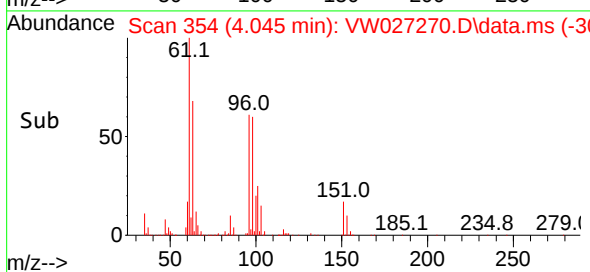
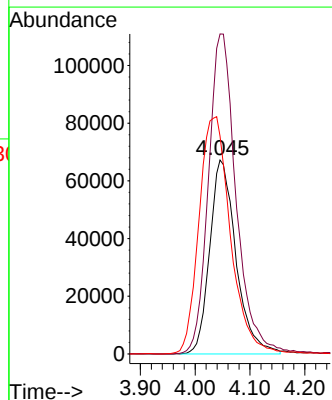
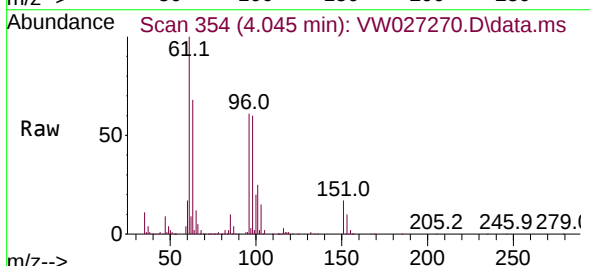
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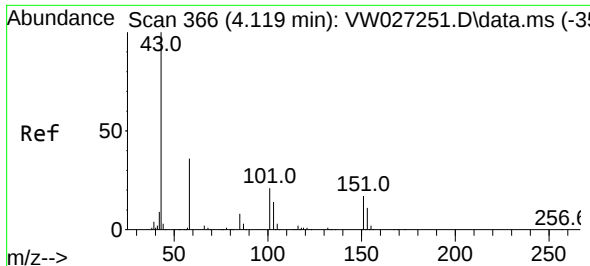
Tgt Ion:101 Resp: 97805
Ion Ratio Lower Upper
101 100
85 98.6 33.1 49.7#
151 160.7 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 18.499 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 96 Resp: 224066
Ion Ratio Lower Upper
96 100
61 165.0 109.8 204.0
63 112.3 76.9 142.7

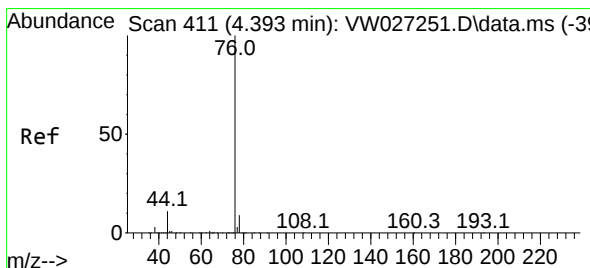
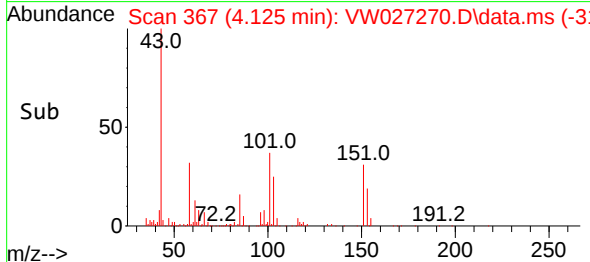
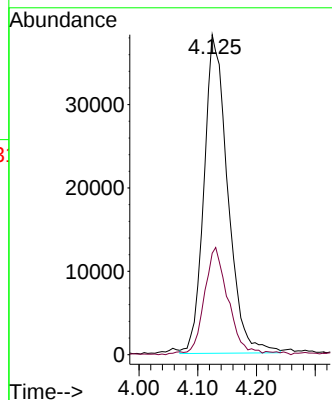
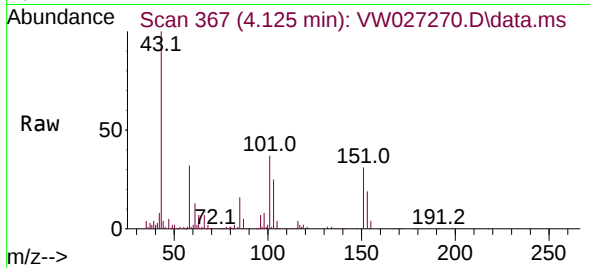




#13
Acetone
Concen: 34.210 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027270.D
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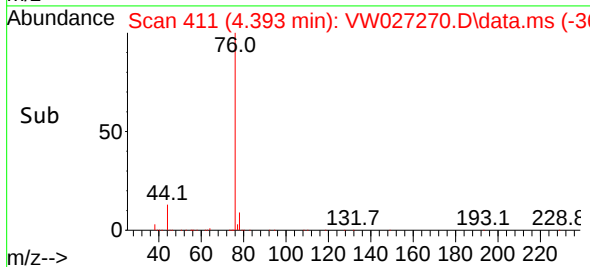
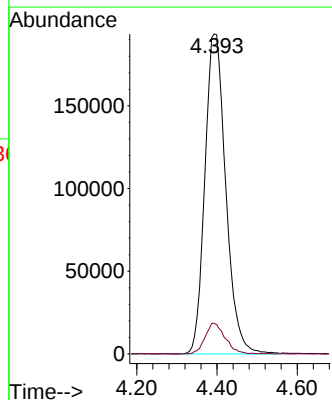
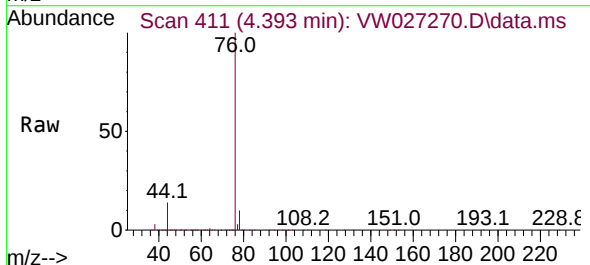
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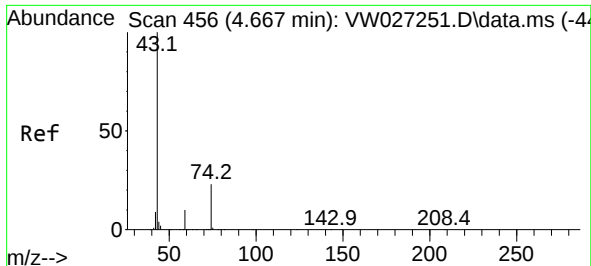
Tgt Ion: 43 Resp: 107504
Ion Ratio Lower Upper
43 100
58 31.5 0.0 70.4



#14
Carbon disulfide
Concen: 17.254 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Acq: 06 Oct 2023 18:11

Tgt Ion: 76 Resp: 701440
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

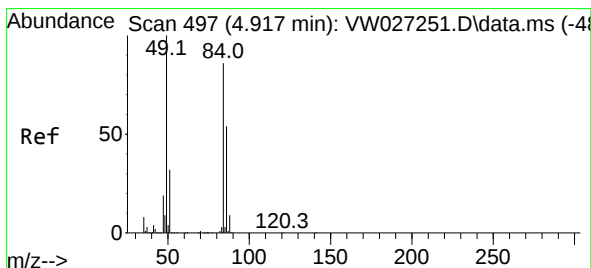
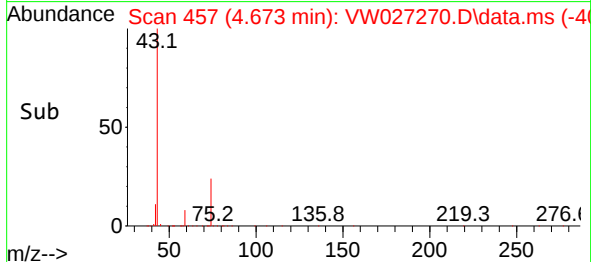
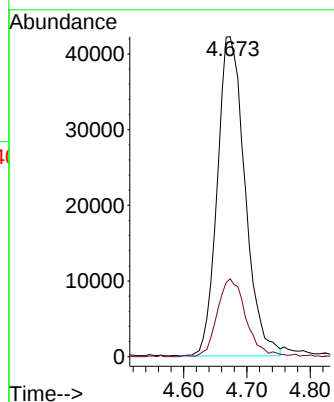
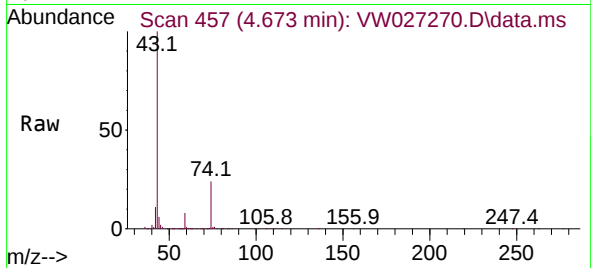




#15
Methyl Acetate
Concen: 24.303 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

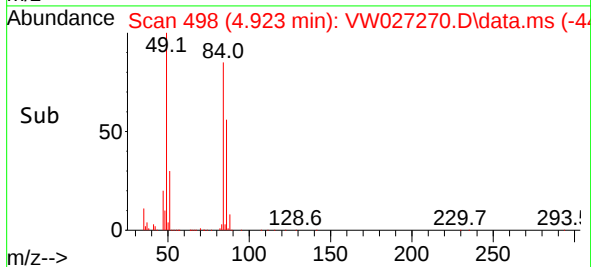
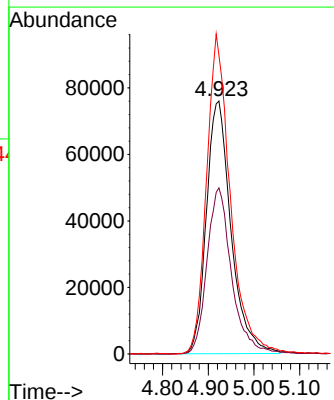
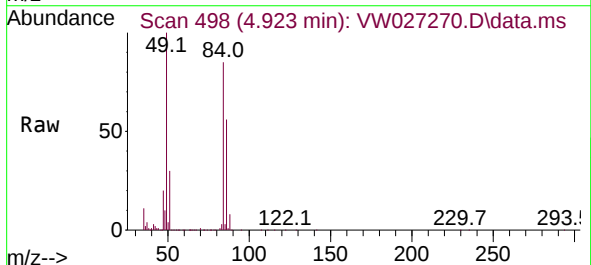
Instrument :
MSVOA_W
ClientSampleId :

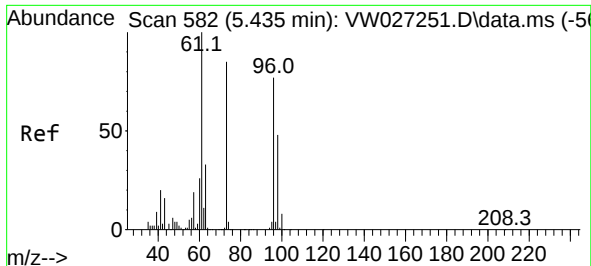
Tgt Ion: 43 Resp: 128006
Ion Ratio Lower Upper
43 100
74 24.4 20.8 31.2



#16
Methylene chloride
Concen: 18.576 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 84 Resp: 284716
Ion Ratio Lower Upper
84 100
86 65.6 45.1 83.9
49 118.1 80.9 150.3

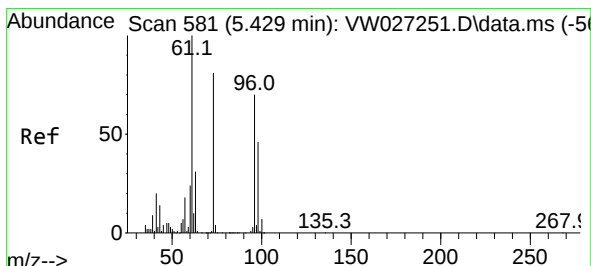
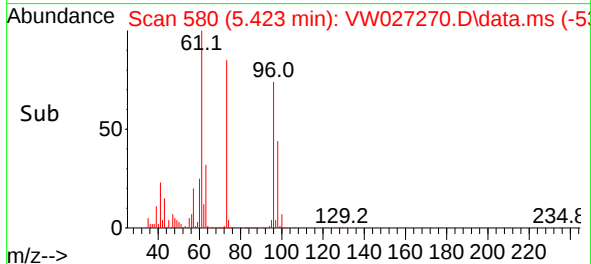
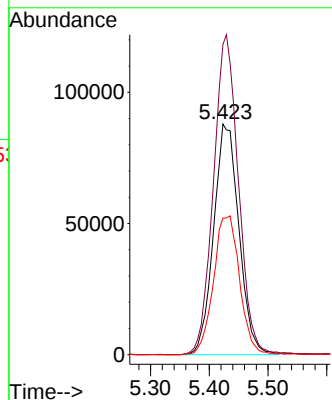
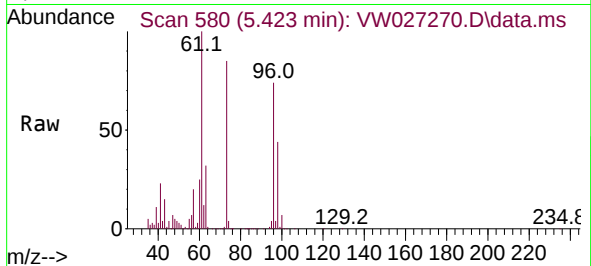




#17
trans-1,2-Dichloroethene
Concen: 20.205 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

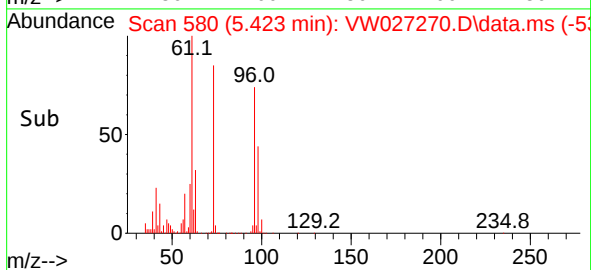
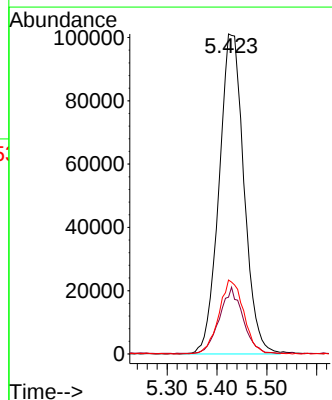
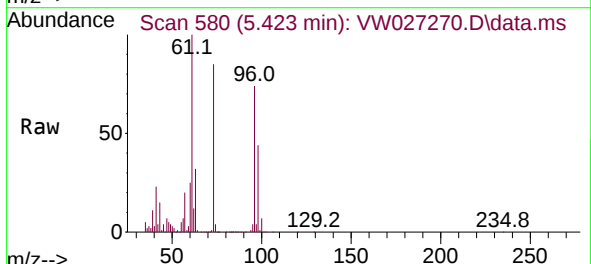
Instrument :
MSVOA_W
ClientSampleId :

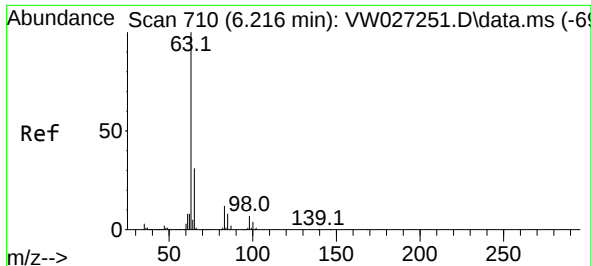
Tgt Ion: 96 Resp: 263323
Ion Ratio Lower Upper
96 100
61 134.6 93.5 173.7
98 59.2 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 21.514 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 73 Resp: 350876
Ion Ratio Lower Upper
73 100
43 19.5 14.2 21.2
57 22.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 20.983 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

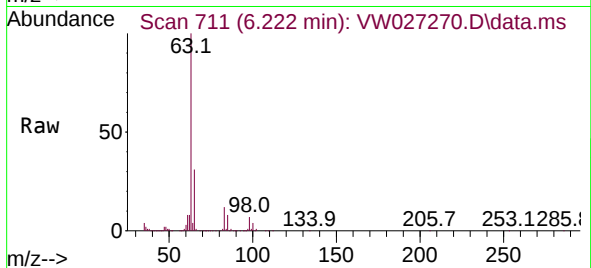
Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :



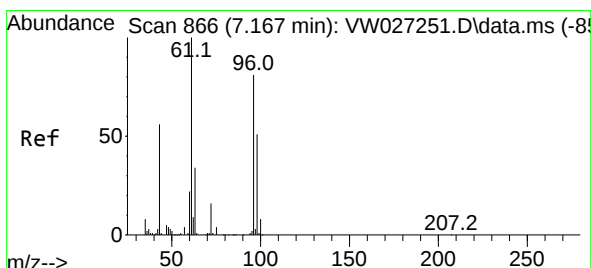
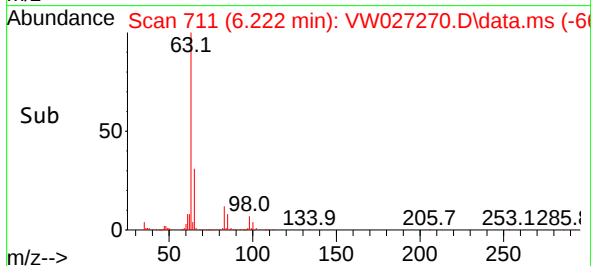
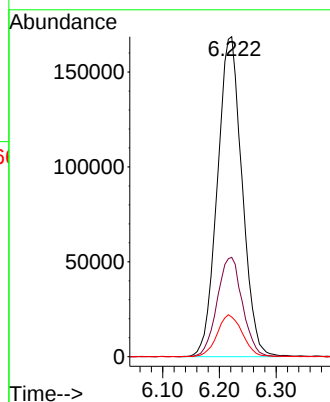
Tgt Ion: 63 Resp: 509973

Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.9

83 12.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 21.079 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

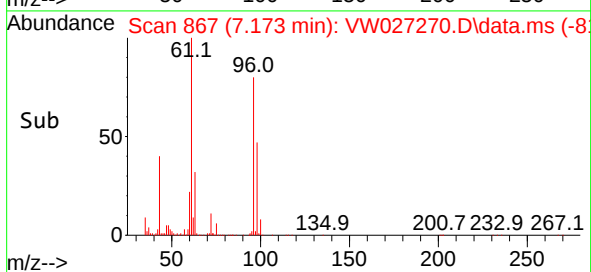
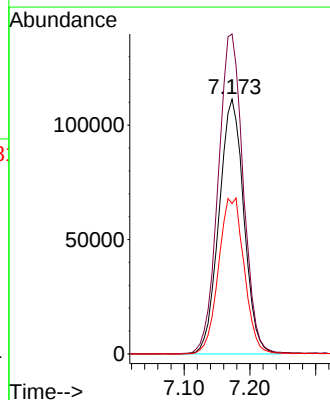
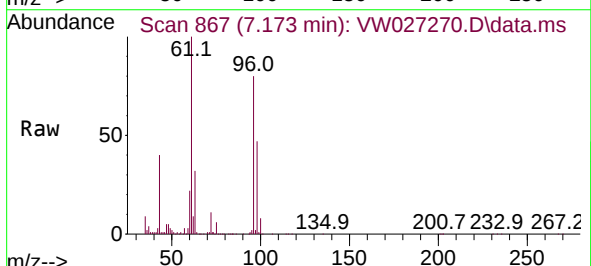
Tgt Ion: 96 Resp: 292846

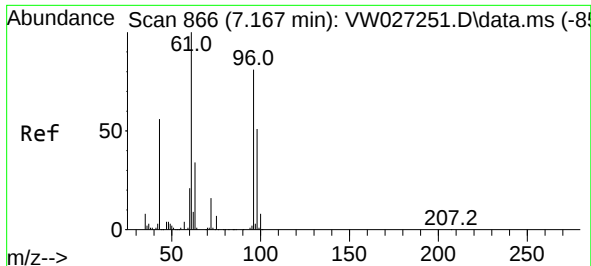
Ion Ratio Lower Upper

96 100

61 125.6 82.7 153.5

98 59.0 43.0 80.0

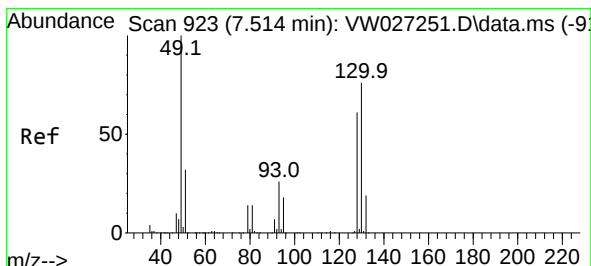
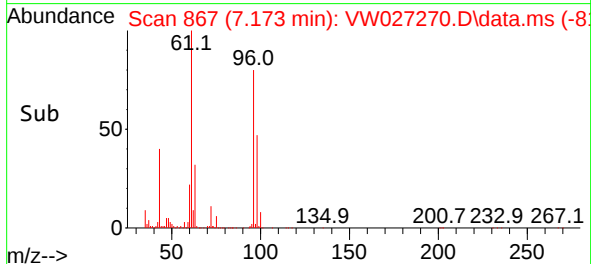
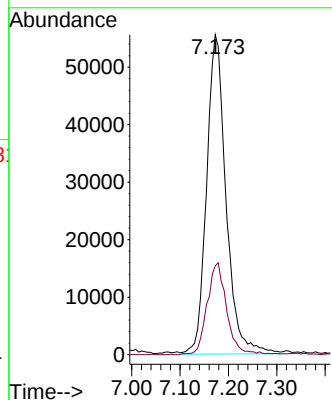
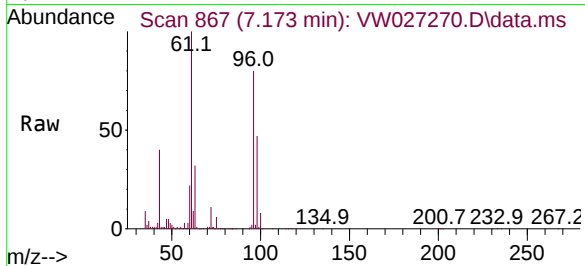




#22
2-Butanone
Concen: 39.911 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

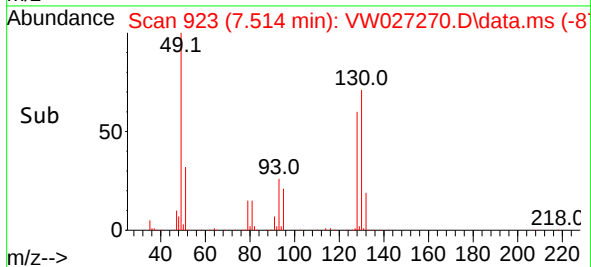
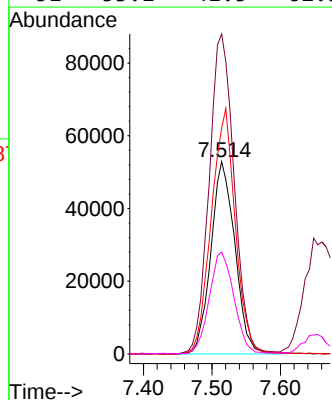
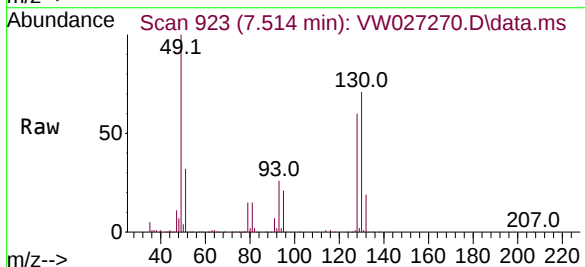
Instrument :
MSVOA_W
ClientSampleId :

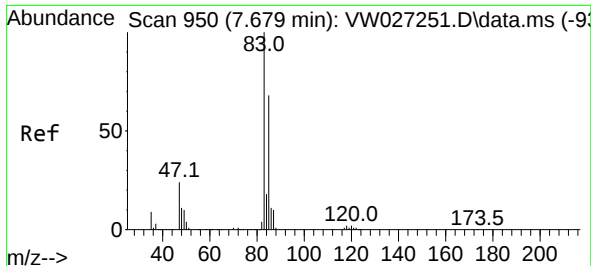
Tgt Ion: 43 Resp: 155111
Ion Ratio Lower Upper
43 100
72 27.7 14.6 44.0



#23
Bromochloromethane
Concen: 20.298 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion:128 Resp: 128670
Ion Ratio Lower Upper
128 100
49 166.4 112.1 208.1
130 117.4 83.9 155.7
51 53.1 41.5 62.3

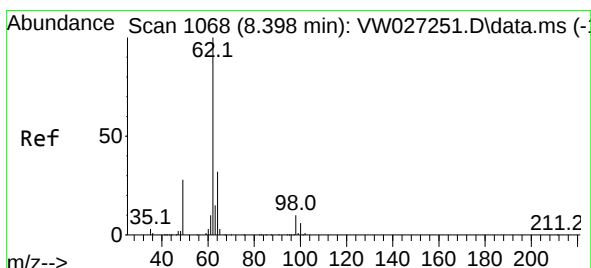
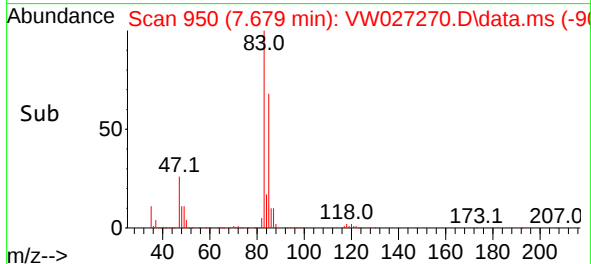
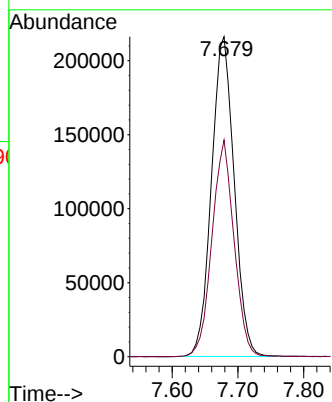
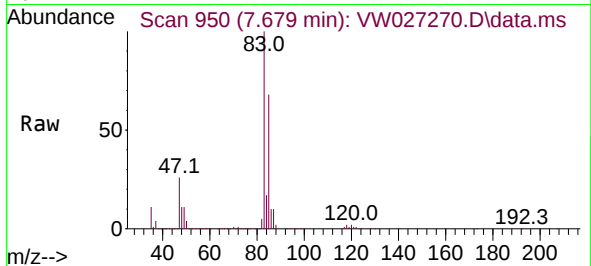




#25
Chloroform
Concen: 21.931 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

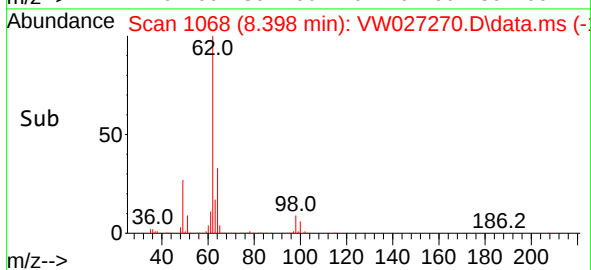
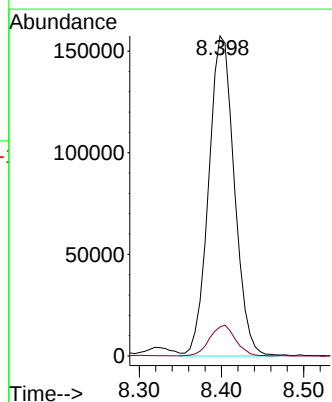
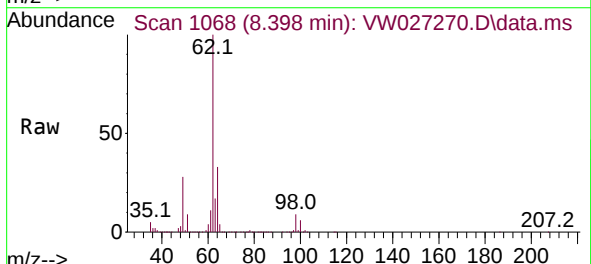
Instrument :
MSVOA_W
ClientSampleId :

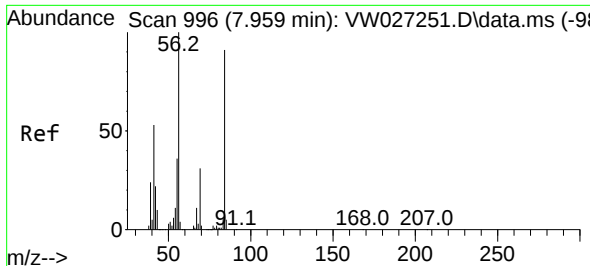
Tgt Ion: 83 Resp: 519887
Ion Ratio Lower Upper
83 100
85 67.7 47.7 88.5



#27
1,2-Dichloroethane
Concen: 23.515 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 62 Resp: 341476
Ion Ratio Lower Upper
62 100
98 9.1 7.9 11.9

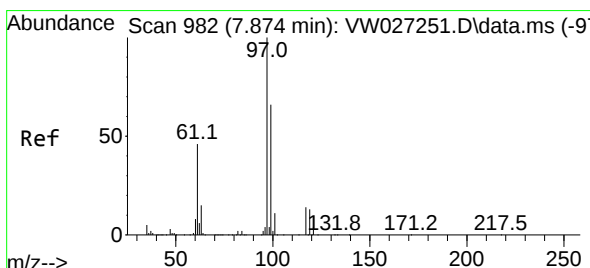
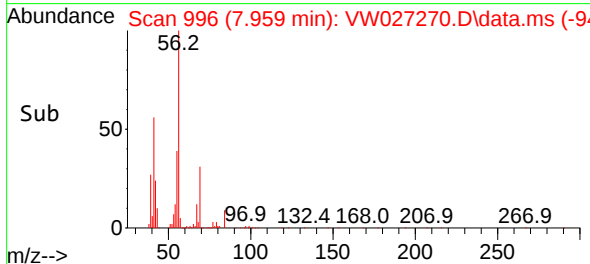
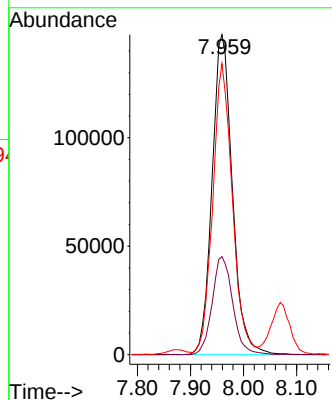
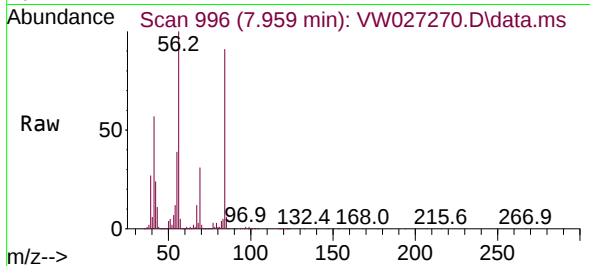




#29
Cyclohexane
Concen: 18.990 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

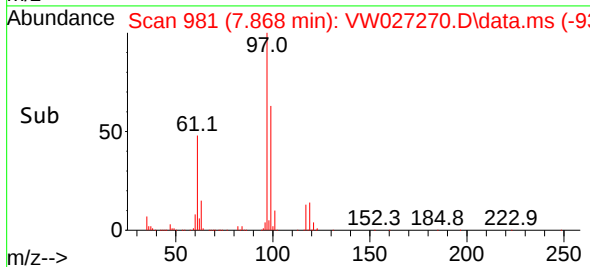
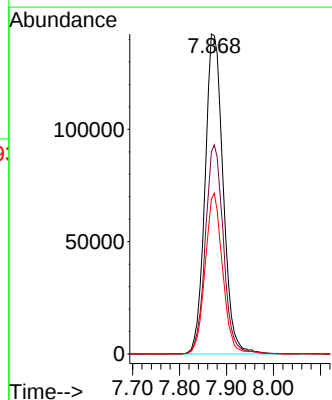
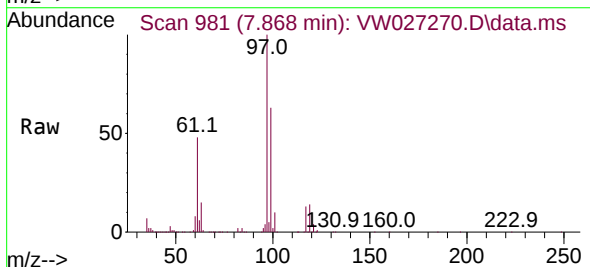
Instrument :
MSVOA_W
ClientSampleId :

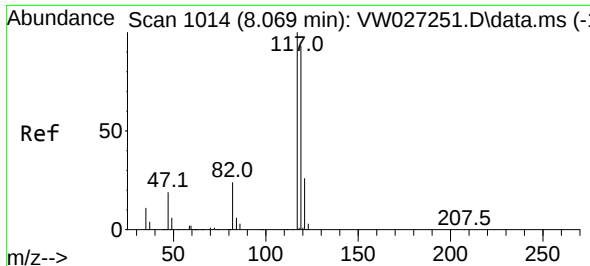
Tgt Ion: 56 Resp: 391818
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.4
84 88.1 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 19.753 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 97 Resp: 380820
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 48.1 34.6 52.0

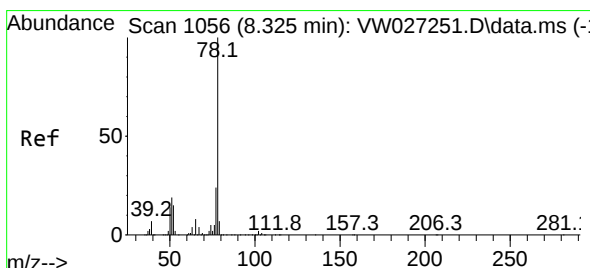
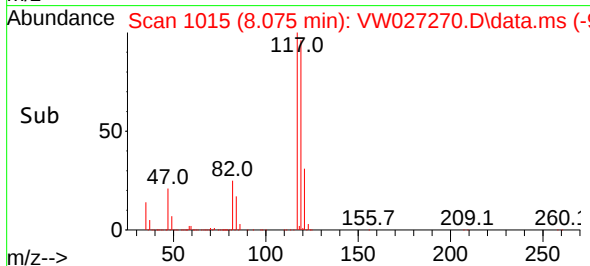
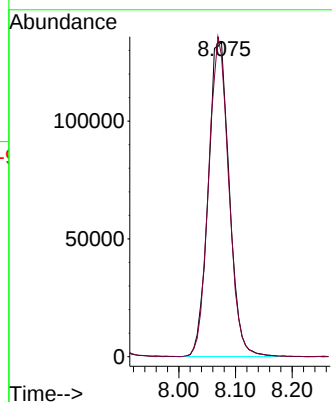
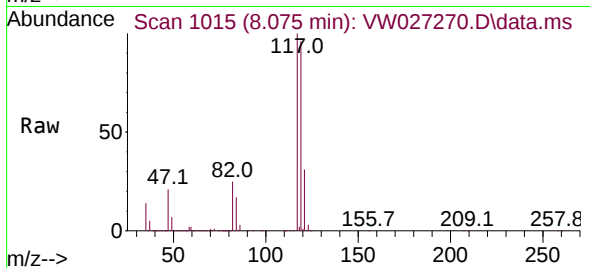




#31
Carbon tetrachloride
Concen: 18.960 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

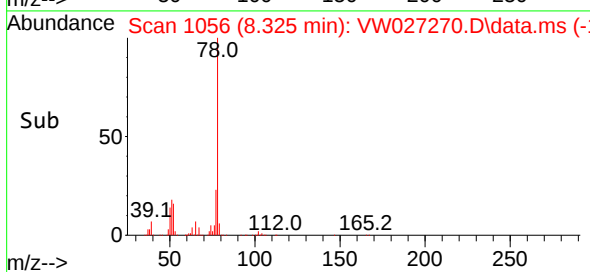
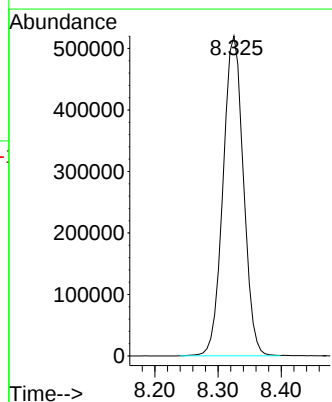
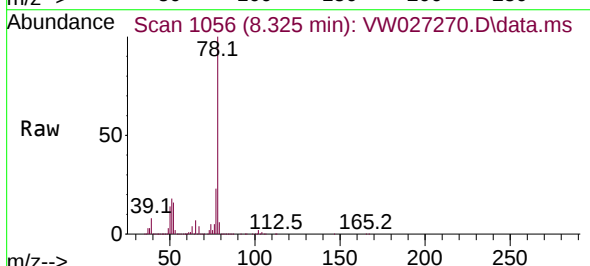
Instrument :
MSVOA_W
ClientSampleId :

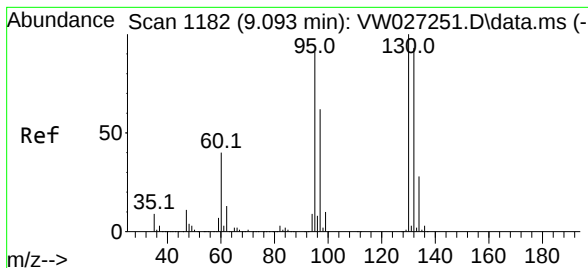
Tgt Ion:117 Resp: 345245
Ion Ratio Lower Upper
117 100
119 97.9 77.0 115.6



#33
Benzene
Concen: 21.204 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 78 Resp: 1162282





#34

Trichloroethene

Concen: 20.262 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

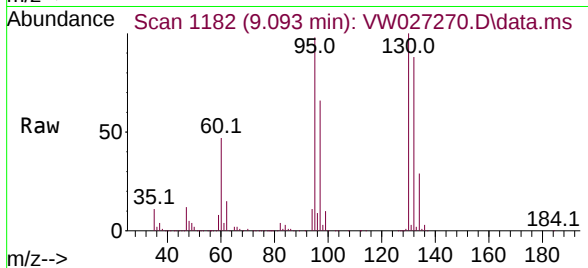
Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 290037

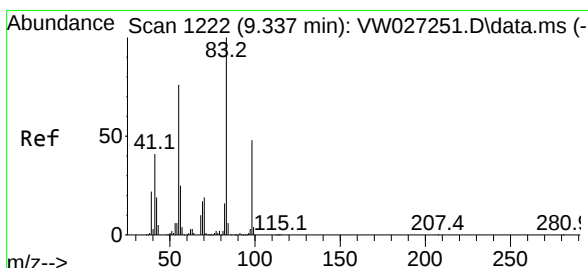
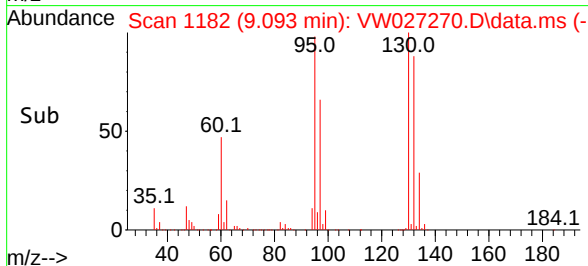
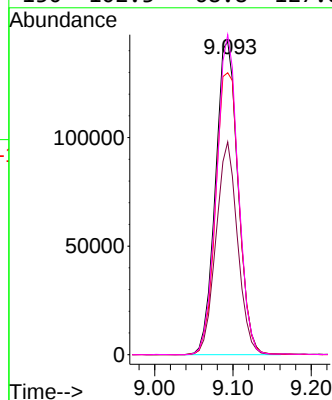
Ion Ratio Lower Upper

95 100

97 68.0 46.1 85.7

132 90.1 71.5 132.9

130 102.3 68.8 127.8



#35

Methylcyclohexane

Concen: 19.276 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

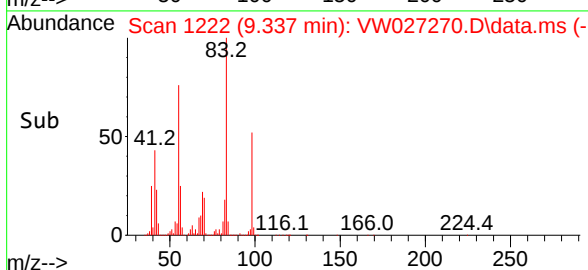
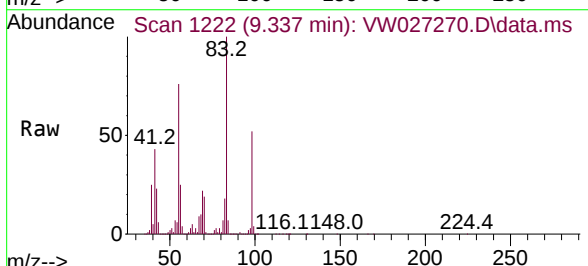
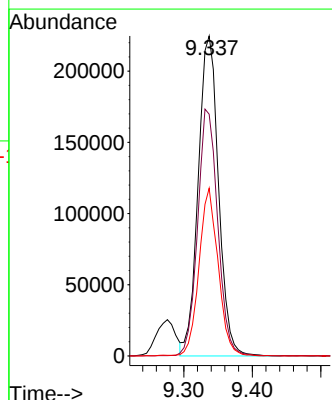
Tgt Ion: 83 Resp: 464082

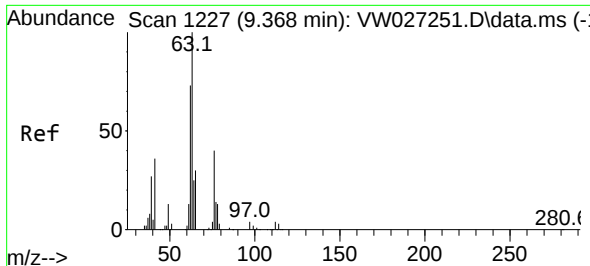
Ion Ratio Lower Upper

83 100

55 76.3 59.1 88.7

98 49.4 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.131 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

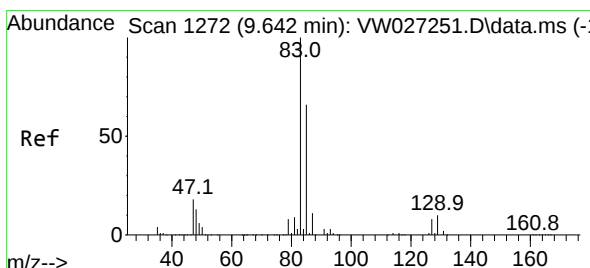
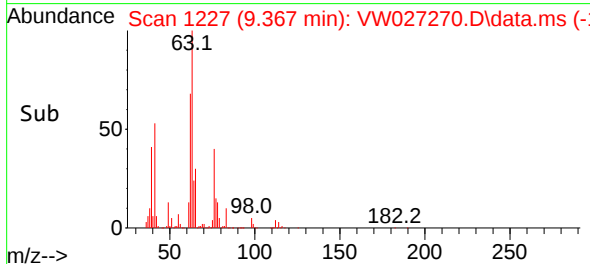
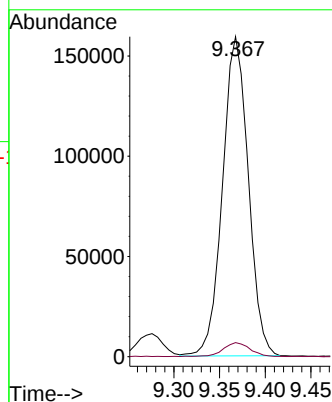
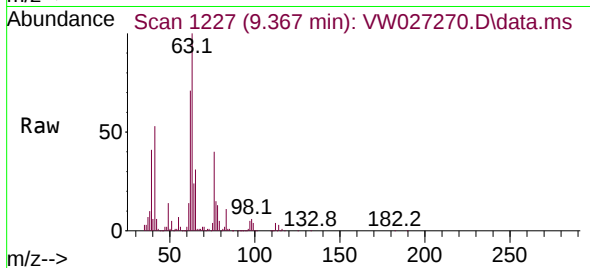
ClientSampleId :

Tgt Ion: 63 Resp: 312582

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 21.542 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

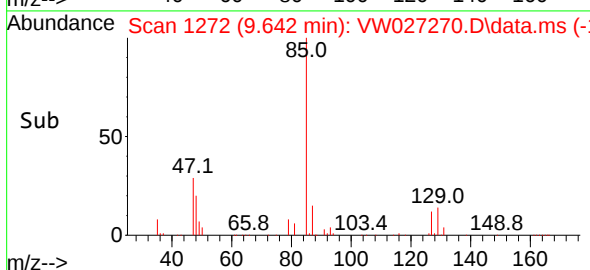
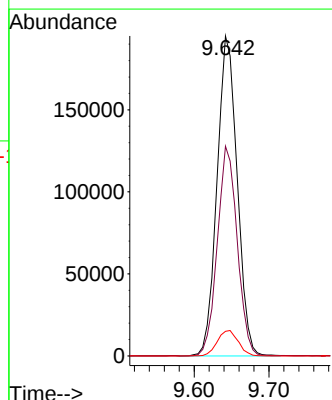
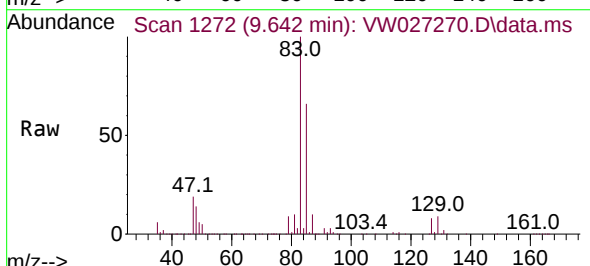
Tgt Ion: 83 Resp: 365430

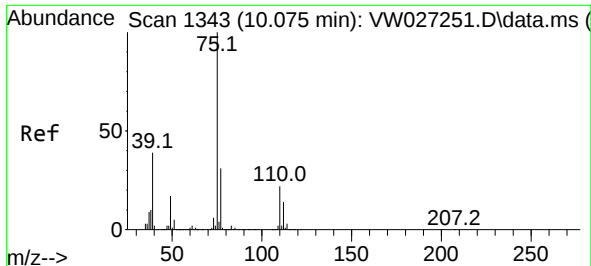
Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

127 7.7 7.0 10.6

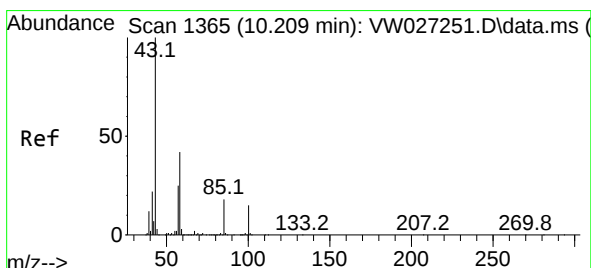
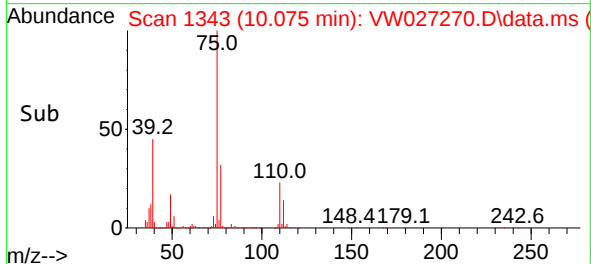
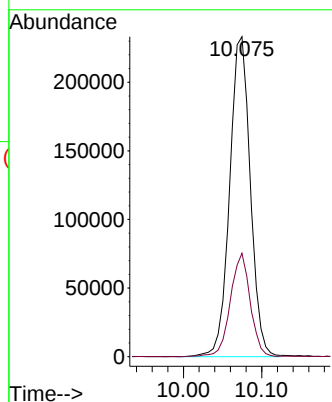
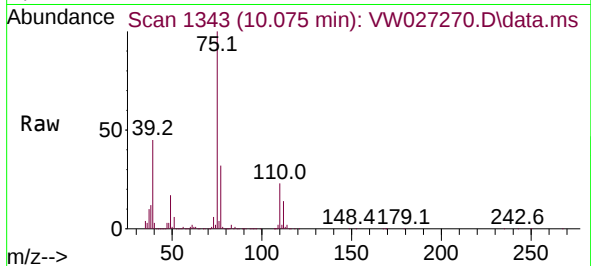




#39
 cis-1,3-Dichloropropene
 Concen: 20.530 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

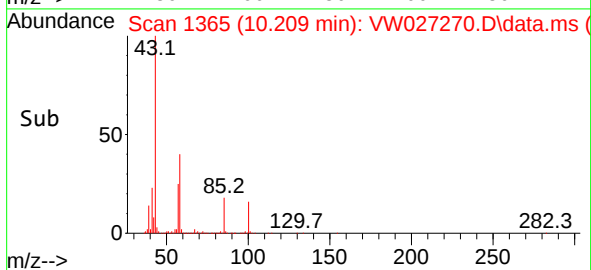
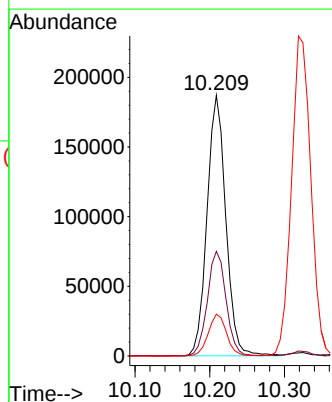
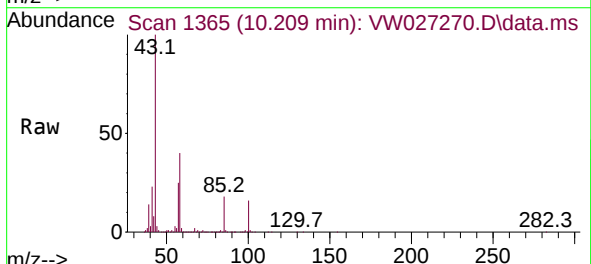
Instrument :
 MSVOA_W
 ClientSampleId :

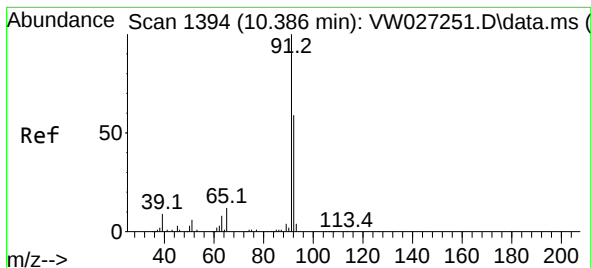
Tgt Ion: 75 Resp: 427255
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 47.584 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027270.D
 Acq: 06 Oct 2023 18:11

Tgt Ion: 43 Resp: 326051
 Ion Ratio Lower Upper
 43 100
 58 39.9 33.8 50.6
 100 15.8 13.7 20.5





#42

Toluene

Concen: 21.573 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

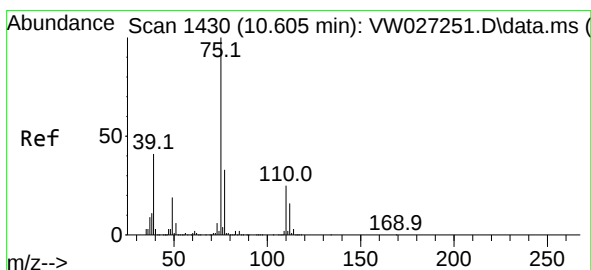
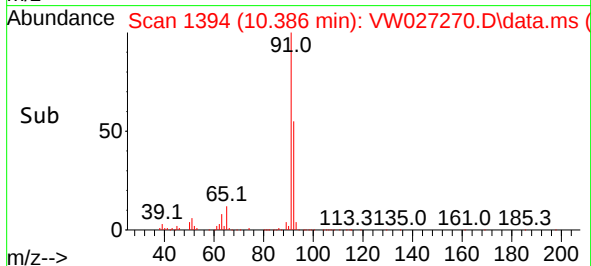
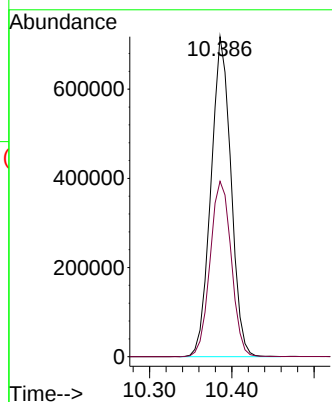
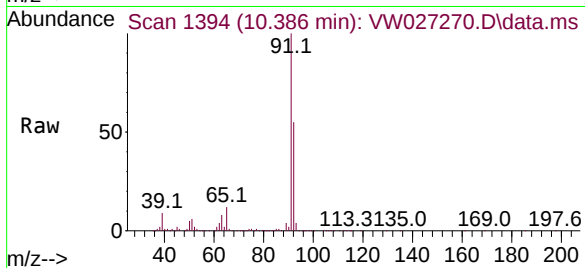
ClientSampleId :

Tgt Ion: 91 Resp: 1214376

Ion Ratio Lower Upper

91 100

92 54.8 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 21.391 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027270.D

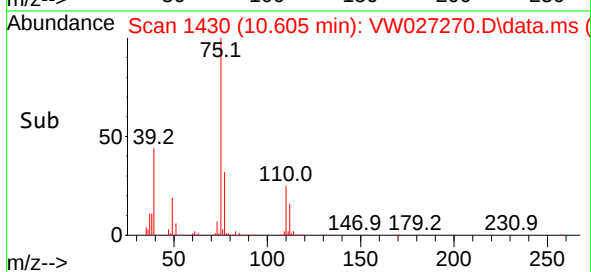
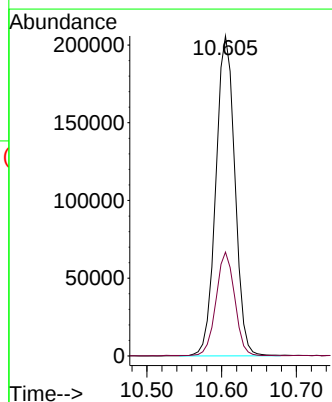
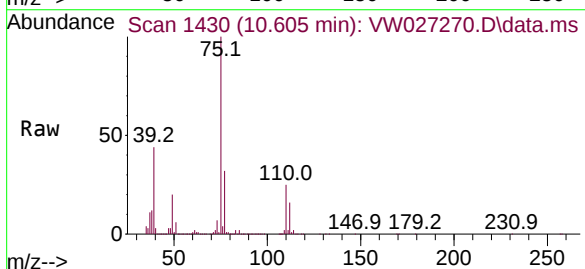
Acq: 06 Oct 2023 18:11

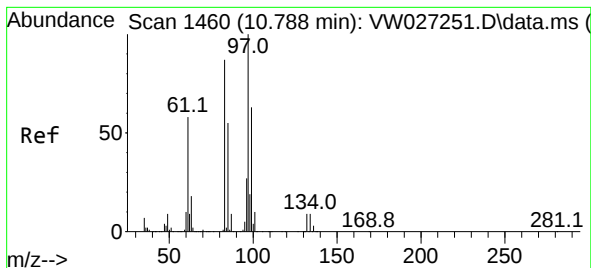
Tgt Ion: 75 Resp: 364839

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 21.973 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

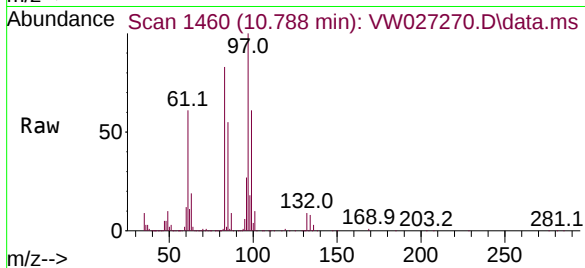
Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 224593

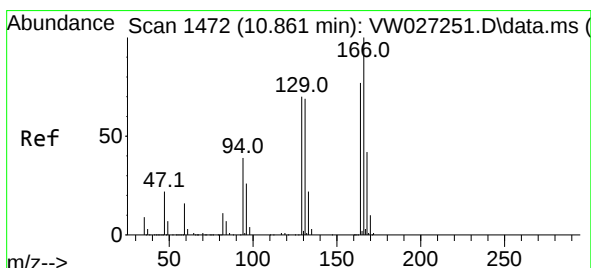
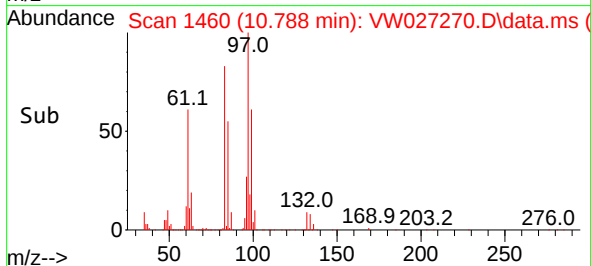
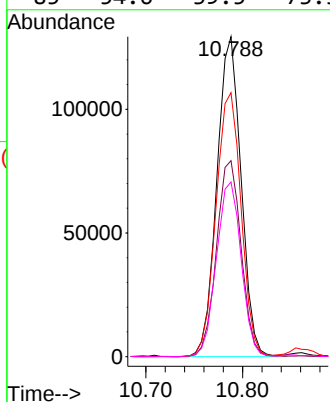
Ion Ratio Lower Upper

97 100

99 61.2 45.3 84.1

83 82.5 59.5 110.5

85 54.6 39.5 73.3



#46

Tetrachloroethene

Concen: 18.915 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Tgt Ion:164 Resp: 212843

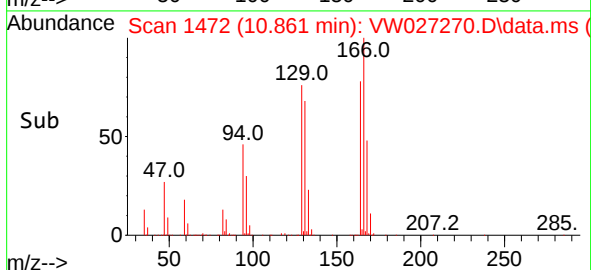
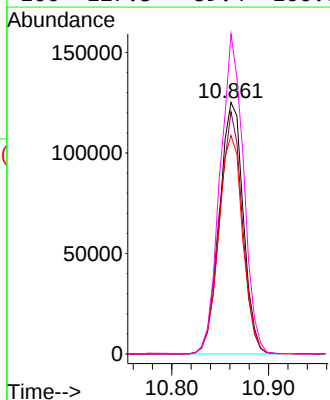
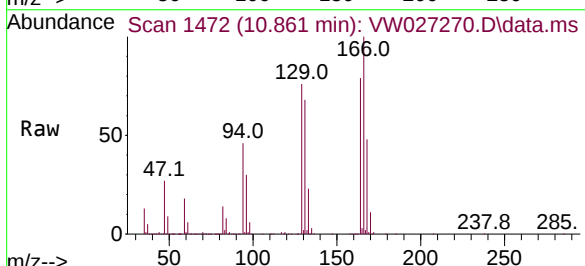
Ion Ratio Lower Upper

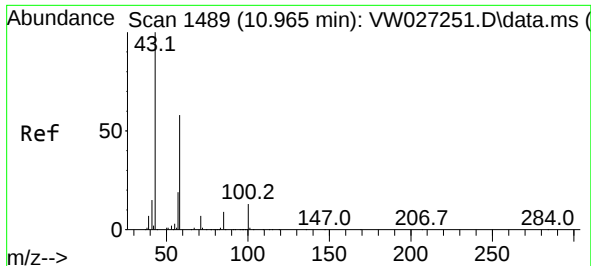
164 100

129 96.3 60.3 112.1

131 86.9 66.1 122.7

166 127.3 89.4 166.0



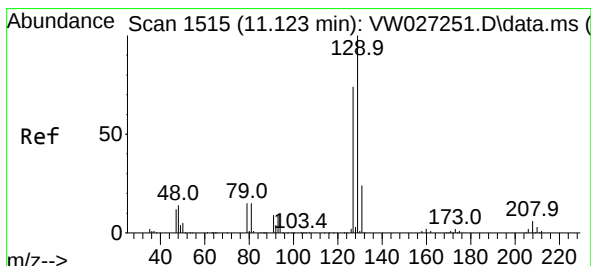
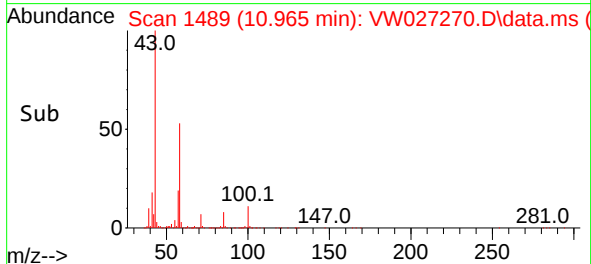
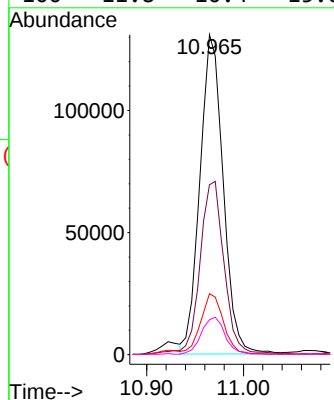
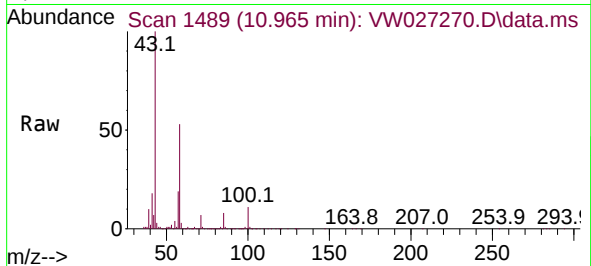


#48
2-Hexanone
Concen: 40.871 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 219550

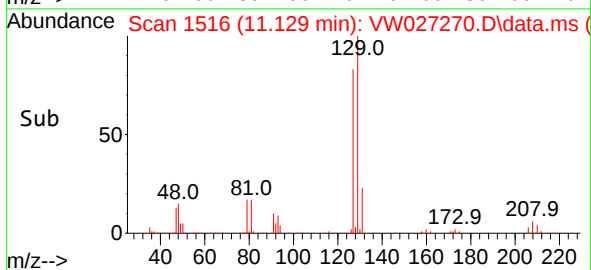
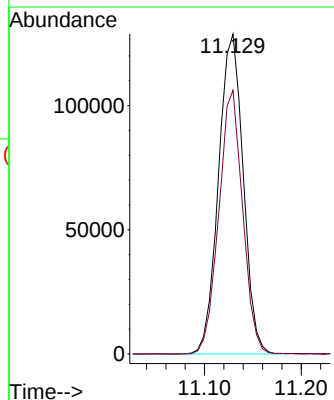
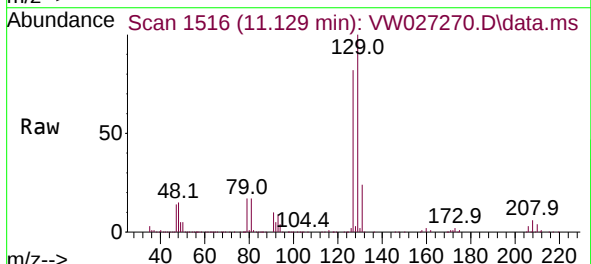
Ion	Ratio	Lower	Upper
43	100		
58	54.2	47.2	70.8
57	18.0	15.9	23.9
100	11.8	10.4	15.6

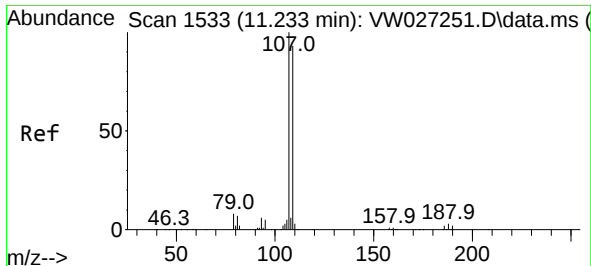


#49
Dibromochloromethane
Concen: 20.575 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion: 129 Resp: 228078

Ion	Ratio	Lower	Upper
129	100		
127	82.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 21.469 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

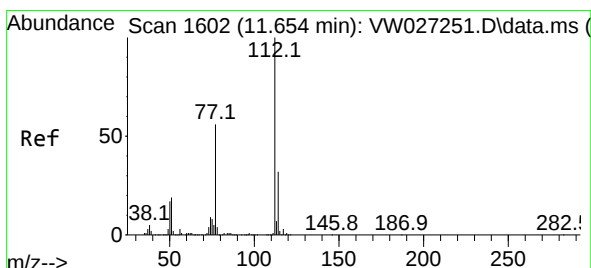
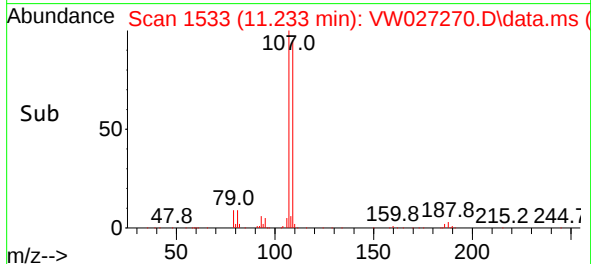
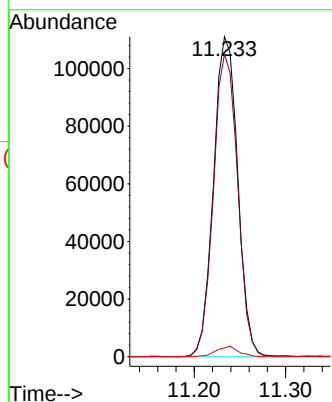
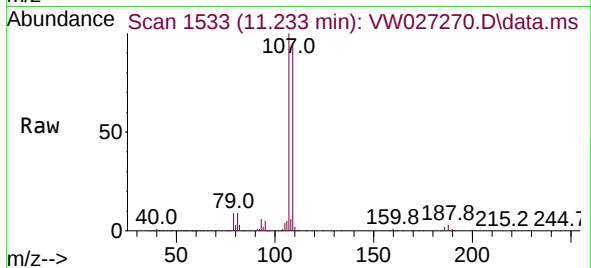
Tgt Ion:107 Resp: 203626

Ion Ratio Lower Upper

107 100

109 94.6 68.2 126.6

188 2.8 2.6 4.0



#51

Chlorobenzene

Concen: 20.514 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

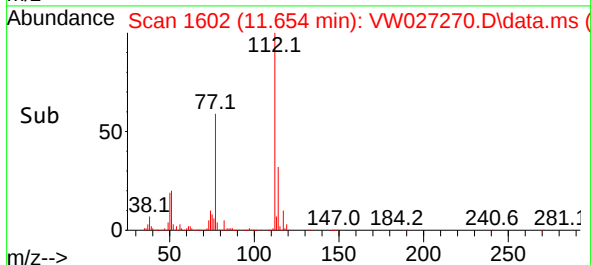
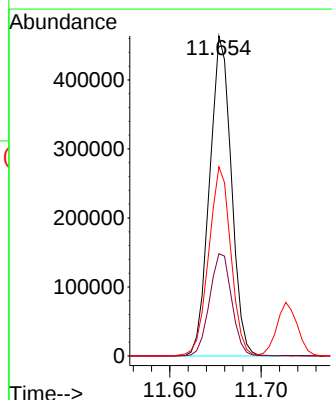
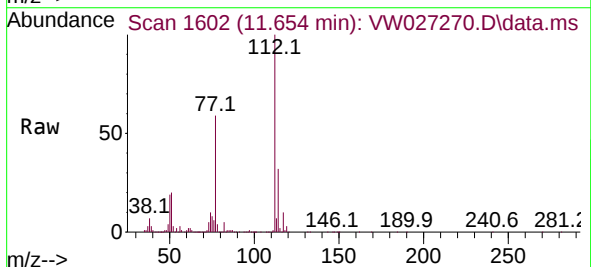
Tgt Ion:112 Resp: 766304

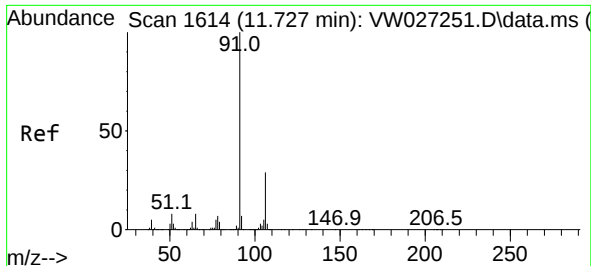
Ion Ratio Lower Upper

112 100

114 32.0 21.9 40.7

77 59.1 47.4 71.0

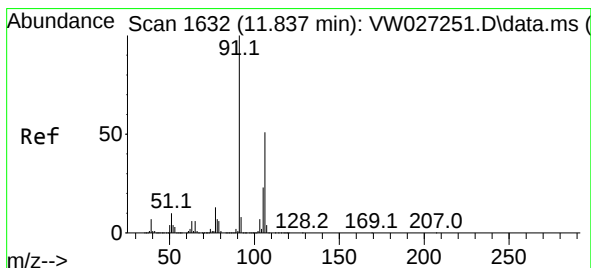
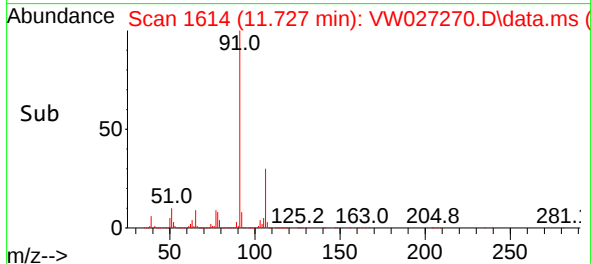
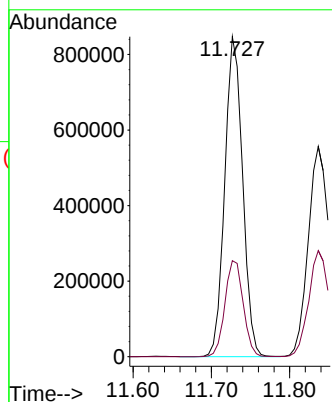
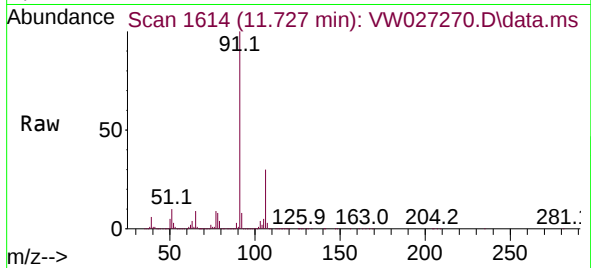




#52
Ethylbenzene
Concen: 21.251 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

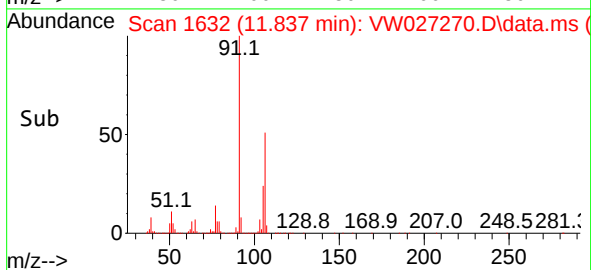
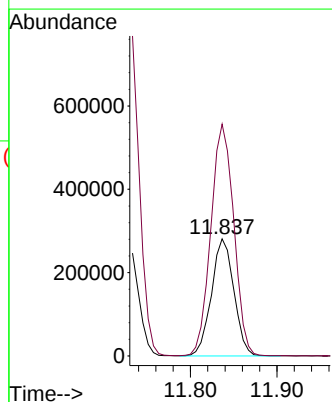
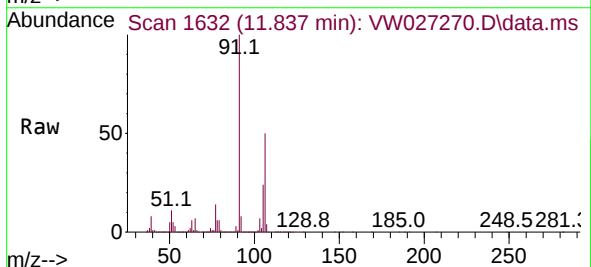
Instrument :
MSVOA_W
ClientSampleId :

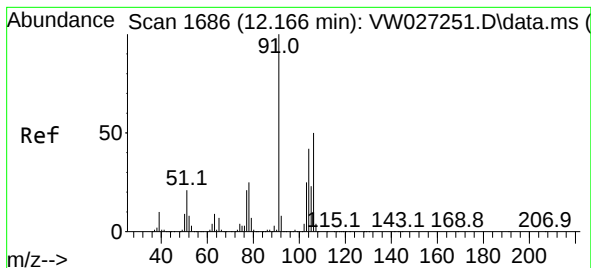
Tgt Ion: 91 Resp: 1343881
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.6



#53
m,p-Xylene
Concen: 20.889 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion:106 Resp: 506544
Ion Ratio Lower Upper
106 100
91 198.0 145.9 270.9

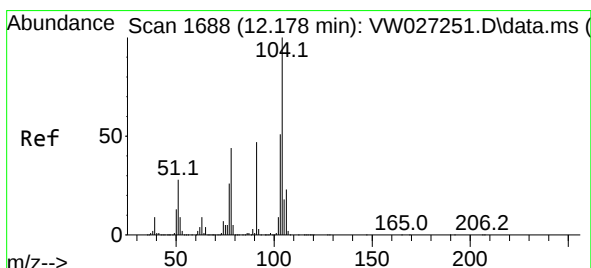
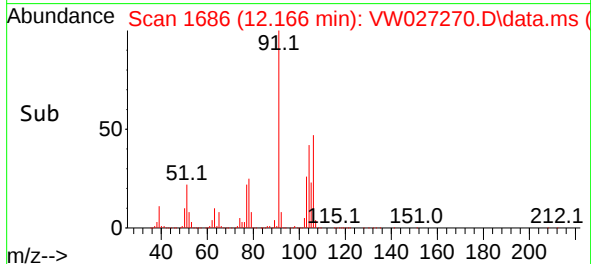
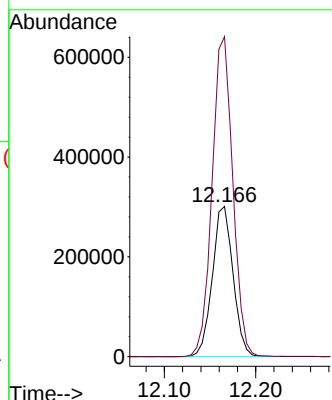
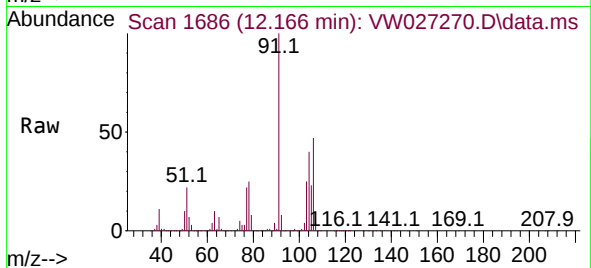




#54
o-Xylene
Concen: 20.898 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

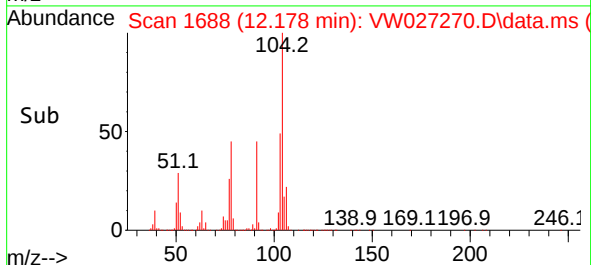
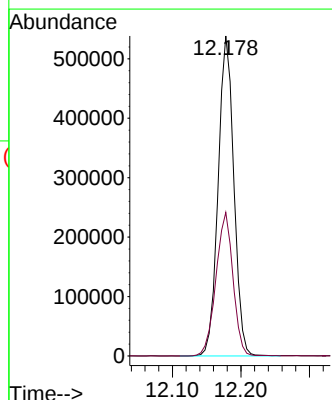
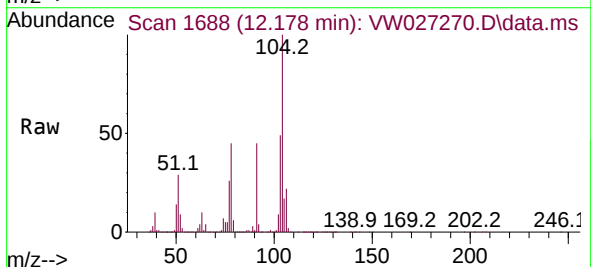
Instrument :
MSVOA_W
ClientSampleId :

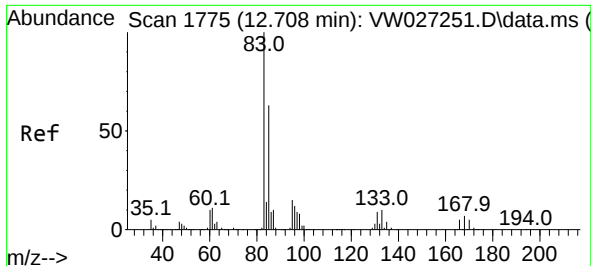
Tgt Ion:106 Resp: 473388
Ion Ratio Lower Upper
106 100
91 213.1 149.5 277.7



#55
Styrene
Concen: 21.900 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion:104 Resp: 853962
Ion Ratio Lower Upper
104 100
78 44.8 30.1 55.9





#57

1,1,2-Tetrachloroethane

Concen: 22.055 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

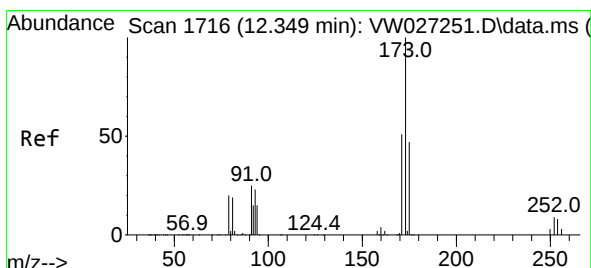
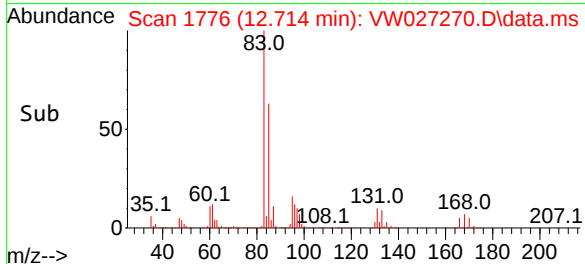
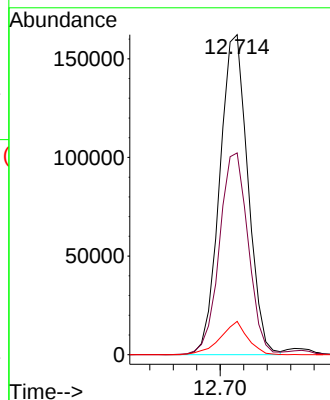
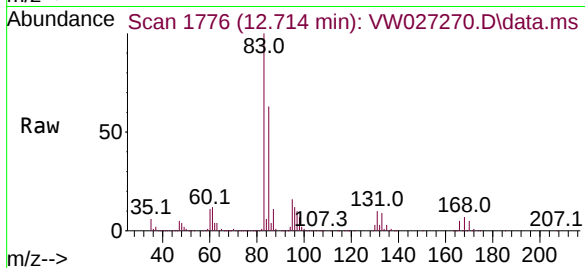
Tgt Ion: 83 Resp: 270391

Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

131 10.4 7.6 11.4



#59

Bromoform

Concen: 21.741 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

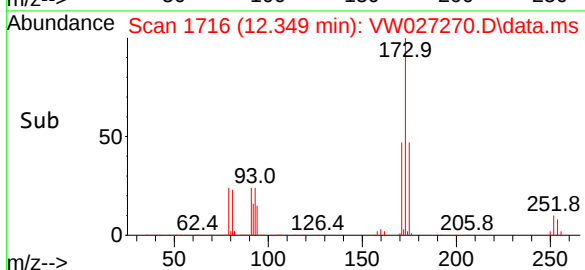
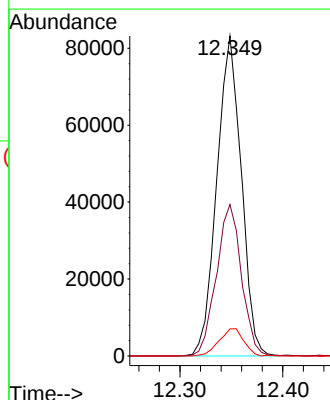
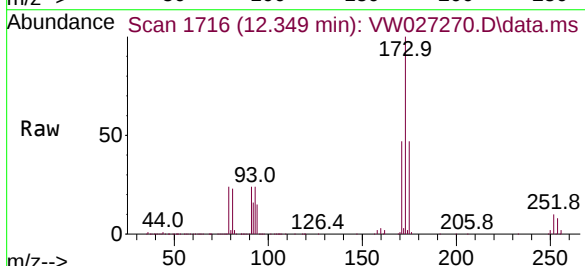
Tgt Ion:173 Resp: 137541

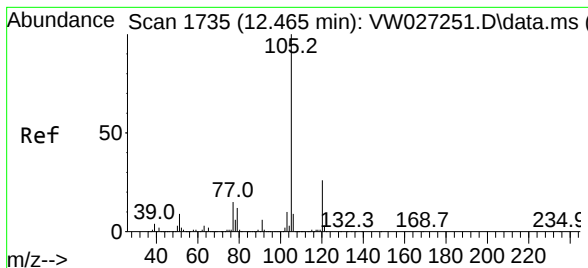
Ion Ratio Lower Upper

173 100

175 48.4 37.1 55.7

254 8.6 7.2 10.8





#60

Isopropylbenzene

Concen: 21.745 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

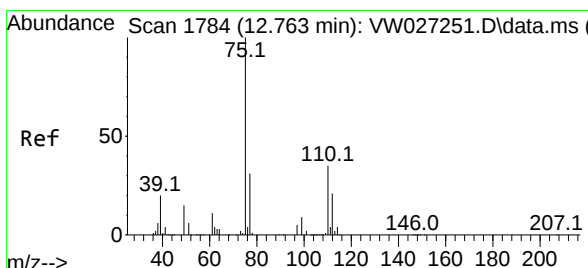
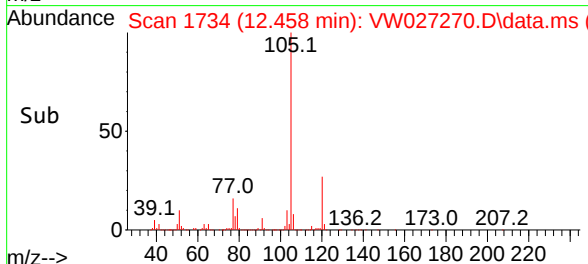
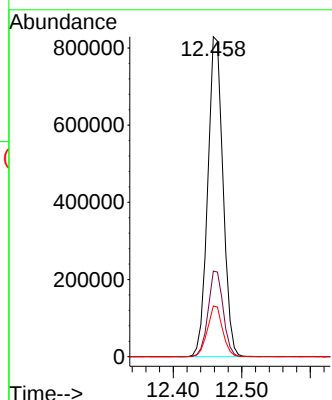
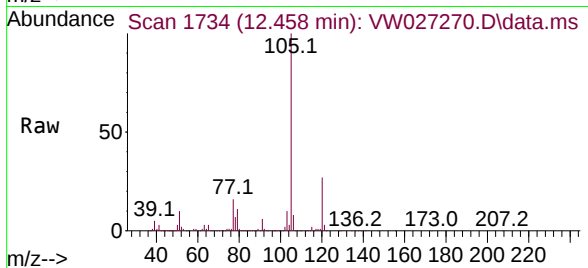
Tgt Ion:105 Resp: 1282800

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.6

77 15.7 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 23.219 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

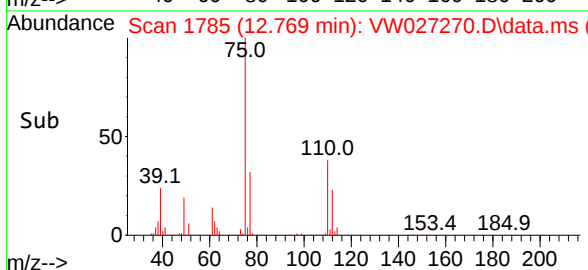
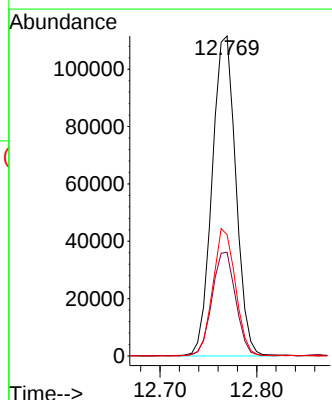
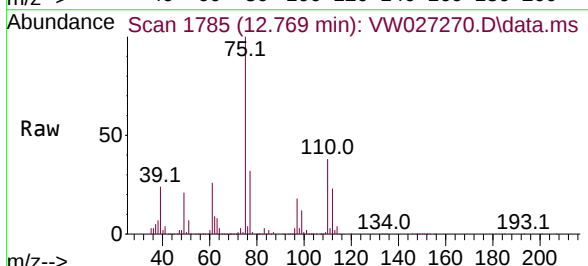
Tgt Ion: 75 Resp: 190448

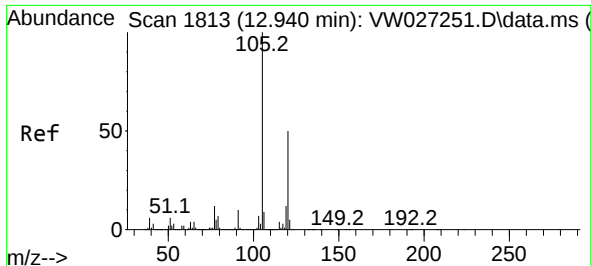
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

110 38.0 31.2 46.8

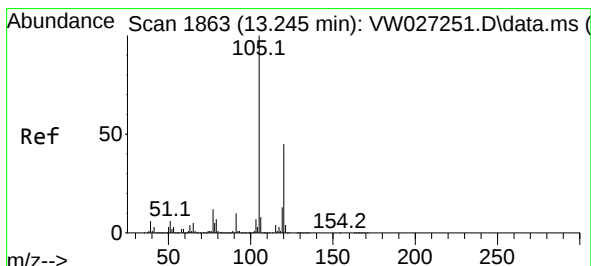
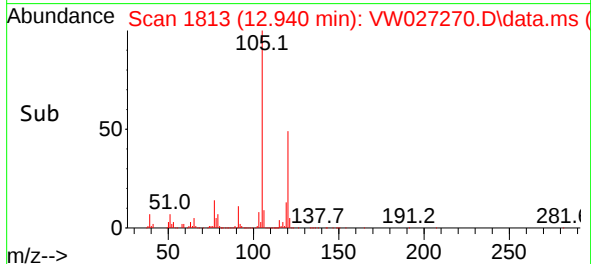
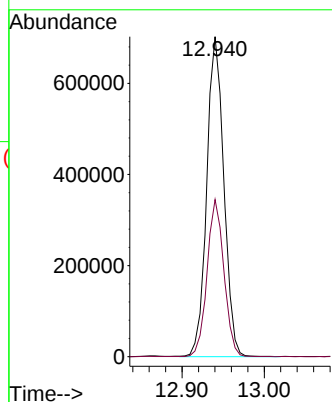
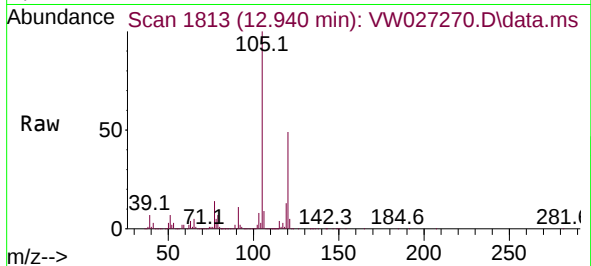




#62
1,3,5-Trimethylbenzene
Concen: 21.932 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

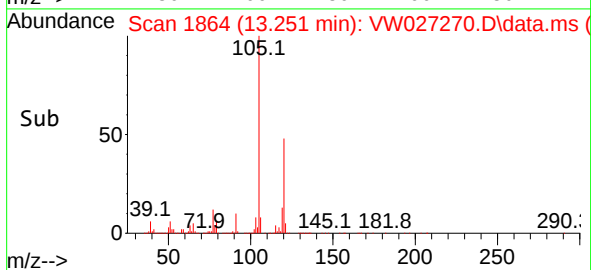
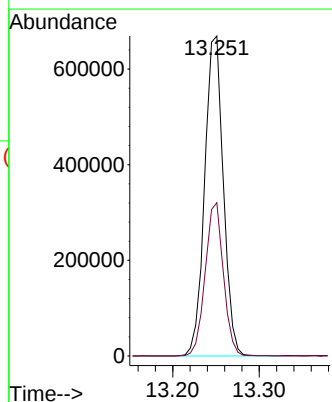
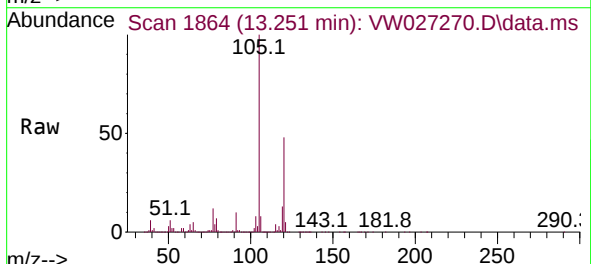
Instrument :
MSVOA_W
ClientSampleId :

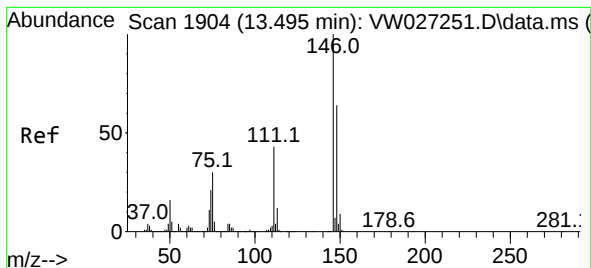
Tgt Ion:105 Resp: 1014438
Ion Ratio Lower Upper
105 100
120 48.2 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 22.121 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027270.D
Acq: 06 Oct 2023 18:11

Tgt Ion:105 Resp: 1002652
Ion Ratio Lower Upper
105 100
120 46.7 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 20.382 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

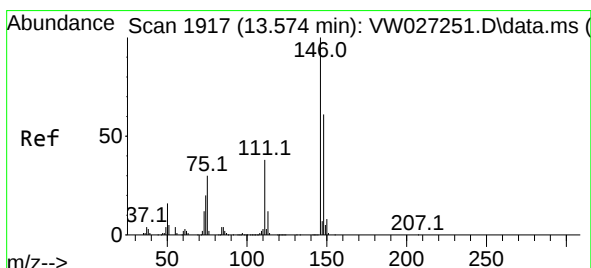
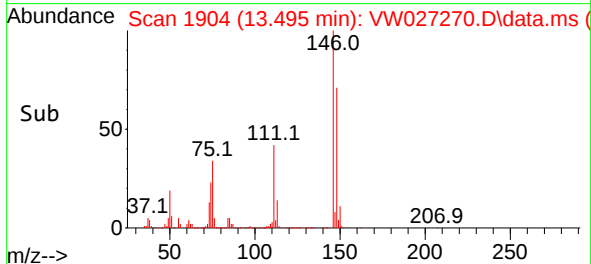
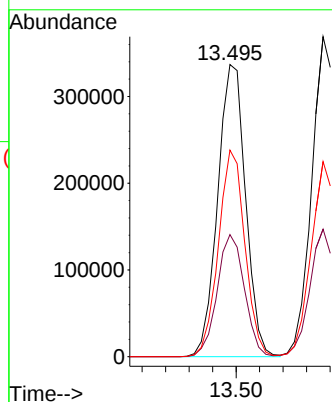
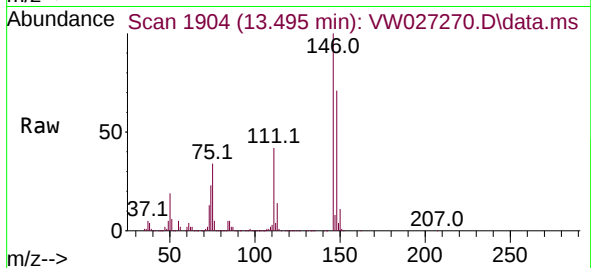
Tgt Ion:146 Resp: 554975

Ion Ratio Lower Upper

146 100

111 41.8 26.9 50.1

148 70.7 43.3 80.5



#65

1,4-Dichlorobenzene

Concen: 20.926 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

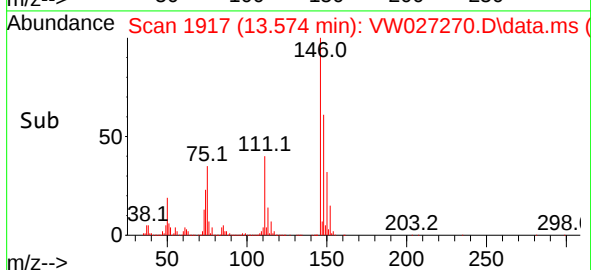
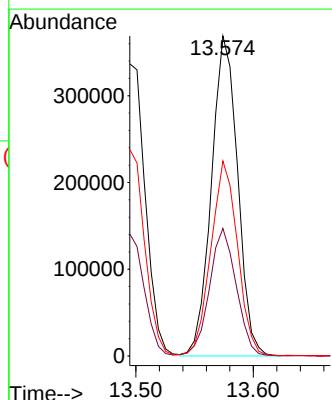
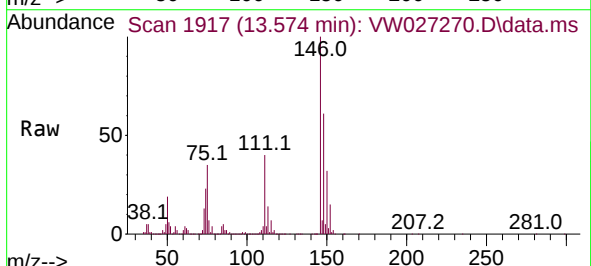
Tgt Ion:146 Resp: 572450

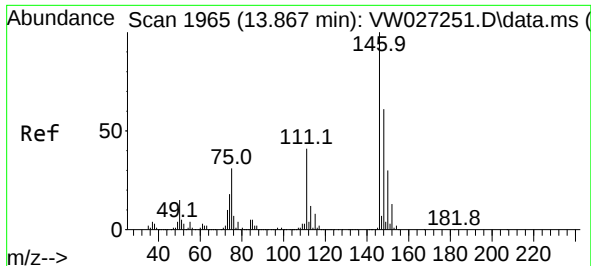
Ion Ratio Lower Upper

146 100

111 39.9 26.9 50.1

148 60.9 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 22.206 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

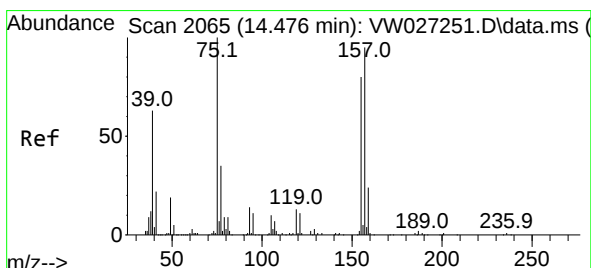
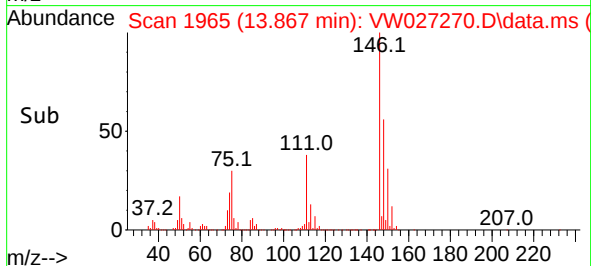
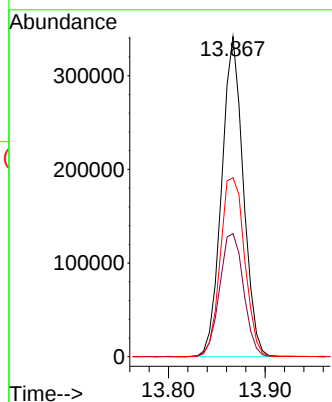
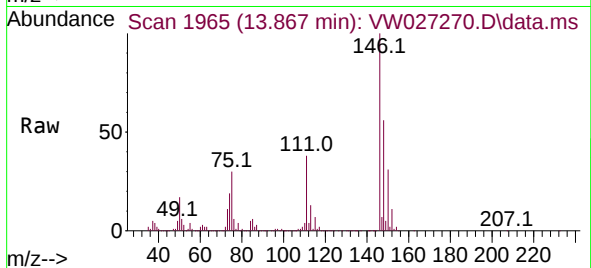
Tgt Ion:146 Resp: 529960

Ion Ratio Lower Upper

146 100

111 38.5 35.6 53.4

148 55.9 58.4 87.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 22.035 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

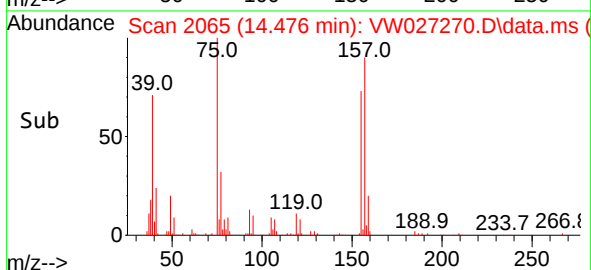
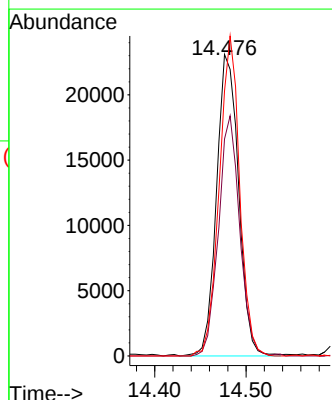
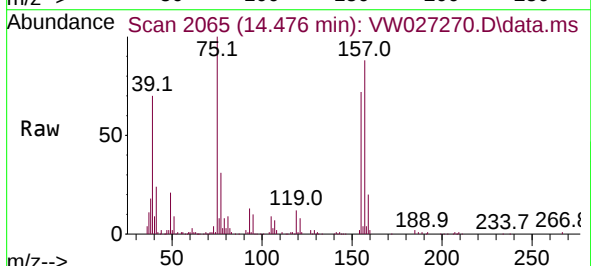
Tgt Ion: 75 Resp: 38714

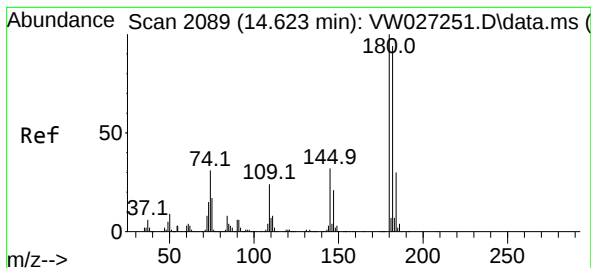
Ion Ratio Lower Upper

75 100

155 72.0 56.5 84.7

157 87.8 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 20.126 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 352868

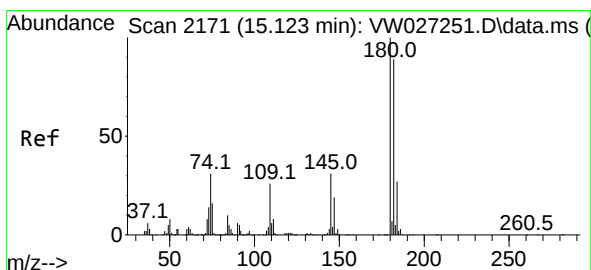
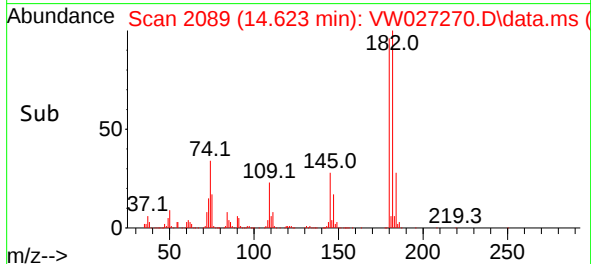
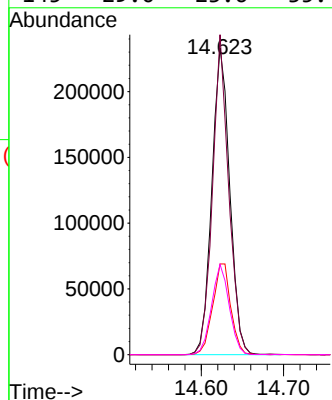
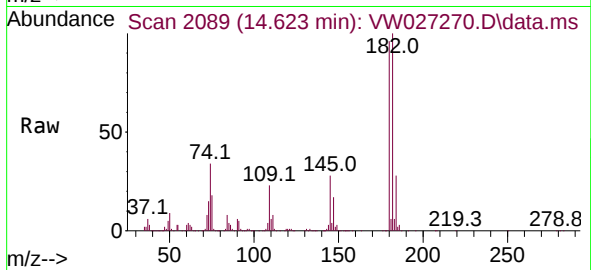
Ion Ratio Lower Upper

180 100

182 94.0 70.2 105.2

184 30.0 24.6 37.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 20.156 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

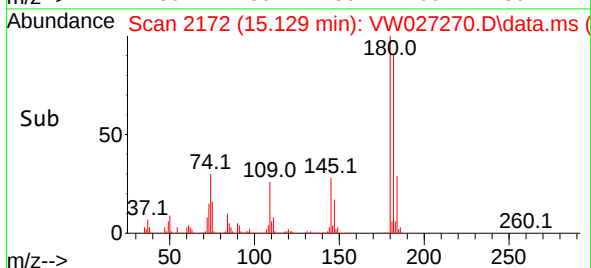
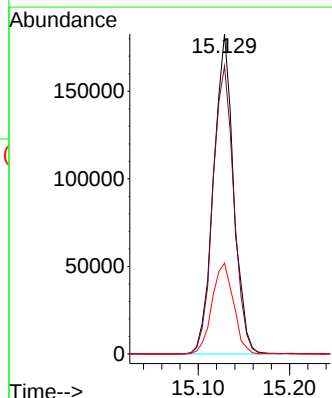
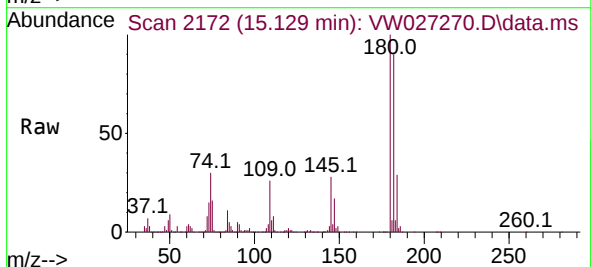
Tgt Ion:180 Resp: 278813

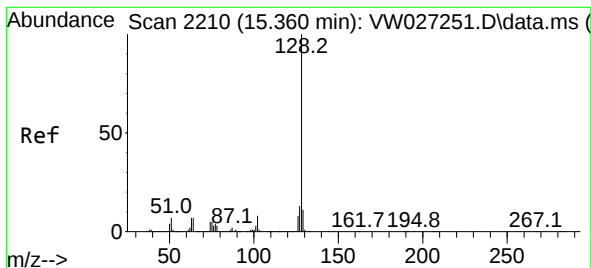
Ion Ratio Lower Upper

180 100

182 93.8 77.4 116.2

145 30.3 24.3 36.5





#71

Naphthalene

Concen: 21.949 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Instrument :

MSVOA_W

ClientSampleId :

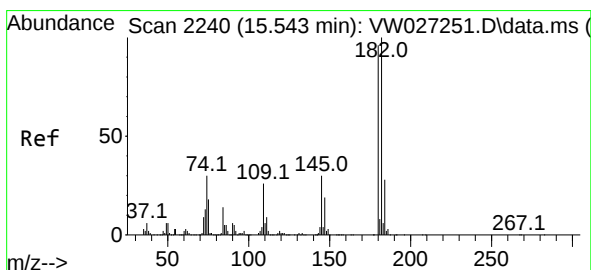
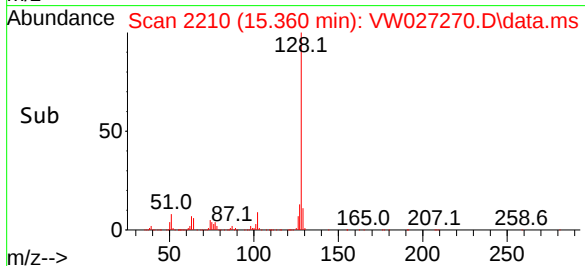
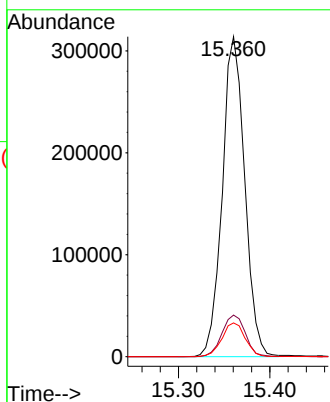
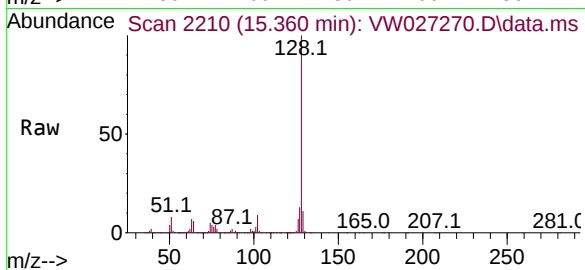
Tgt Ion:128 Resp: 535684

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.143 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027270.D

Acq: 06 Oct 2023 18:11

Tgt Ion:180 Resp: 259616

Ion Ratio Lower Upper

180 100

182 94.1 74.7 112.1

145 32.3 26.4 39.6

