

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101323\
 Data File : VW027302.D
 Acq On : 13 Oct 2023 12:33
 Operator : SY/MD
 Sample : 04996-04 I PBB MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 01:55:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	468239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	432798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215811	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	182616	25.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.200%	
7) Chloroethane-d5	2.899	69	137581	26.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.240%	
11) 1,1-Dichloroethene-d2	4.021	65	92839	25.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.720%	
21) 2-Butanone-d5	7.075	46	111942	47.130	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.260%	
24) Chloroform-d	7.648	84	352924	25.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.160%	
26) 1,2-Dichloroethane-d4	8.484	65	63	0.008	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.040%#	
32) Benzene-d6	8.276	84	762099	26.026	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.120%	
36) 1,2-Dichloropropane-d6	9.270	67	229939	25.709	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.840%	
41) Toluene-d8	10.319	98	678936	25.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.280%	
43) trans-1,3-Dichloroprop...	10.575	79	100563	24.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.640%	
47) 2-Hexanone-d5	10.922	63	90610	48.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.940%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164825	24.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.800%	
66) 1,2-Dichlorobenzene-d4	13.849	152	200138	25.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	4288	0.770	ug/L #	88
3) Chloromethane	2.223	50	8889	1.388	ug/L	100
6) Bromomethane	2.790	94	4967	1.219	ug/L	98
8) Chloroethane	2.936	64	5278	1.282	ug/L	96
9) Trichlorofluoromethane	3.265	101	4131	0.819	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	6792	1.075	ug/L #	58
14) Carbon disulfide	4.387	76	24174	1.270	ug/L	100
15) Methyl Acetate	4.679	43	3821	1.091	ug/L #	75
16) Methylene chloride	4.923	84	28726	3.352	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	7721	1.170	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	14149	1.243	ug/L #	86
19) 1,1-Dichloroethane	6.222	63	16401	1.218	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	9158	1.229	ug/L	95
23) Bromochloromethane	7.508	128	3842	1.249	ug/L	97
25) Chloroform	7.679	83	17023	1.351	ug/L	92
27) 1,2-Dichloroethane	8.398	62	11399	1.332	ug/L #	94
29) Cyclohexane	7.959	56	15831	1.205	ug/L #	90
30) 1,1,1-Trichloroethane	7.874	97	12679	1.201	ug/L	100
31) Carbon tetrachloride	8.063	117	11056	1.161	ug/L	99

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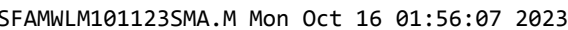
Instrument :
 MSVOA_W
 ClientSampleId :

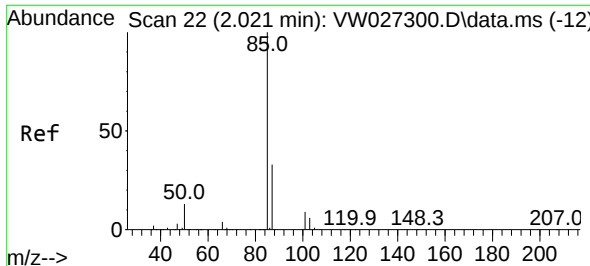
Quant Time: Oct 16 01:55:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	8.325	78	35031	1.239	ug/L	100
34) Trichloroethene	9.087	95	9259	1.239	ug/L	89
35) Methylcyclohexane	9.331	83	14896	1.115	ug/L	96
37) 1,2-Dichloropropane	9.368	63	9080	1.187	ug/L	98
38) Bromodichloromethane	9.642	83	10813	1.150	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	13314	1.054	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	12862	2.445	ug/L	97
42) Toluene	10.386	91	35997	1.213	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	16361	1.535	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	6513	1.238	ug/L	93
46) Tetrachloroethene	10.861	164	5738	1.112	ug/L	92
48) 2-Hexanone	10.971	43	8950	2.299	ug/L	97
49) Dibromochloromethane	11.129	129	6672	1.142	ug/L	96
50) 1,2-Dibromoethane	11.233	107	6077	1.191	ug/L #	96
51) Chlorobenzene	11.654	112	21716	1.169	ug/L	99
52) Ethylbenzene	11.727	91	41081	1.191	ug/L	95
53) m,p-Xylene	11.837	106	15195	1.162	ug/L	94
54) o-Xylene	12.160	106	14773	1.180	ug/L	98
55) Styrene	12.178	104	24147	1.129	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	8438	1.313	ug/L #	88
59) Bromoform	12.349	173	3383	1.053	ug/L #	98
60) Isopropylbenzene	12.459	105	40375	1.191	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	6181	1.312	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	33141	1.172	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	32181	1.163	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	16032	1.166	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	16455	1.199	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	14417	1.182	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	1366	1.160	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	11178	1.252	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	9253	1.218	ug/L	96
71) Naphthalene	15.360	128	18925	1.211	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	7868	1.260	ug/L	98

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

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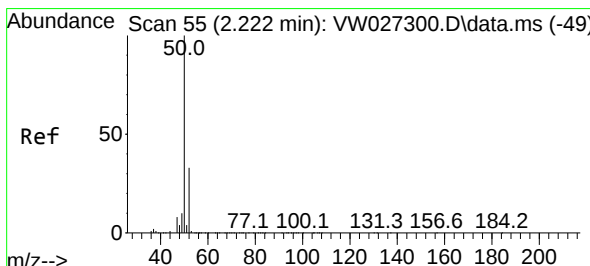
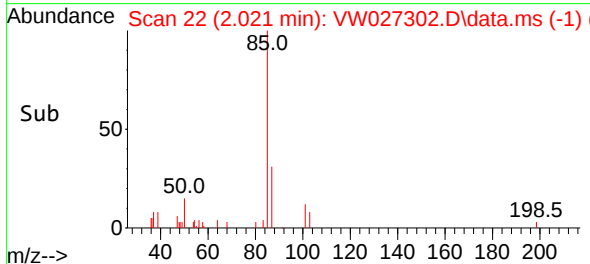
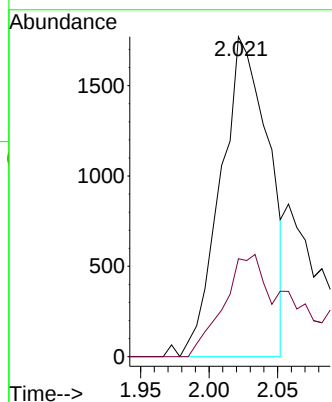
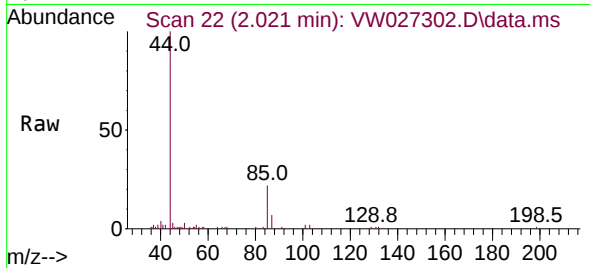




#2
 Dichlorodifluoromethane
 Concen: 0.770 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027302.D
 Acq: 13 Oct 2023 12:33

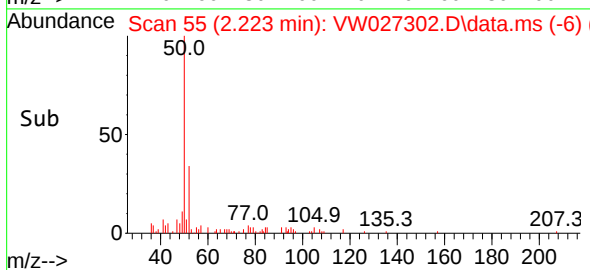
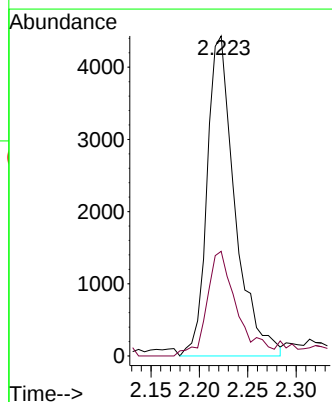
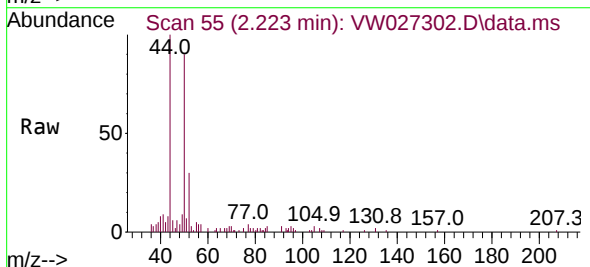
Instrument :
 MSVOA_W
 ClientSampleId :

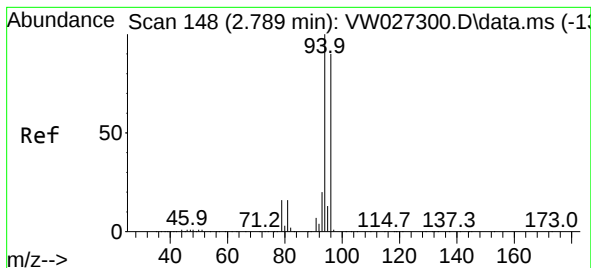
Tgt Ion: 85 Resp: 4288
 Ion Ratio Lower Upper
 85 100
 87 28.6 18.3 27.5#



#3
 Chloromethane
 Concen: 1.388 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027302.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 50 Resp: 8889
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3





#6

Bromomethane

Concen: 1.219 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

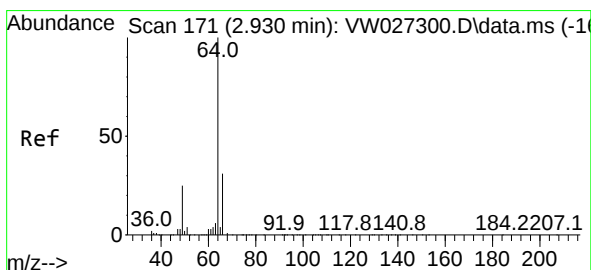
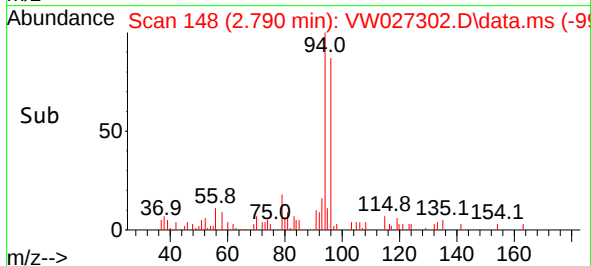
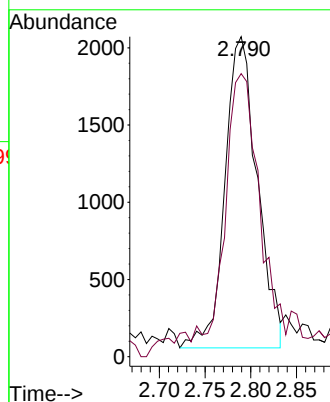
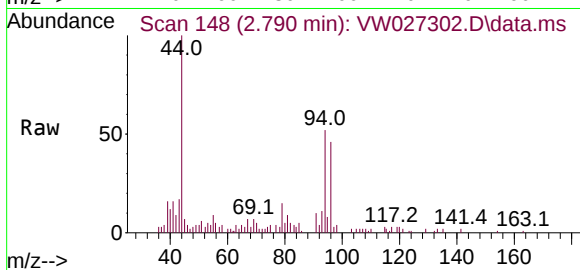
ClientSampleId :

Tgt Ion: 94 Resp: 4967

Ion Ratio Lower Upper

94 100

96 88.5 62.9 116.9



#8

Chloroethane

Concen: 1.282 ug/L

RT: 2.936 min Scan# 172

Delta R.T. 0.006 min

Lab File: VW027302.D

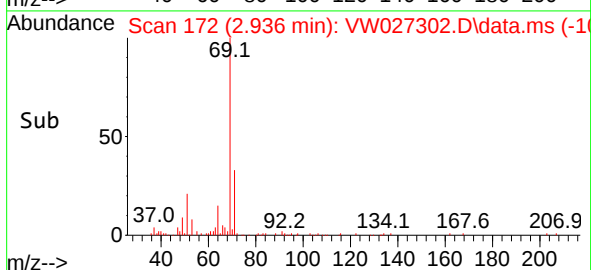
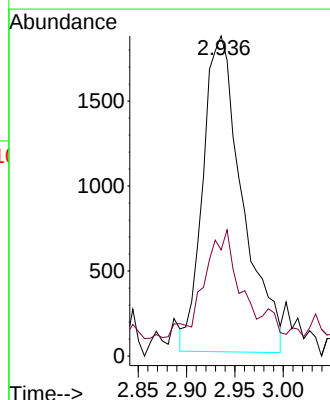
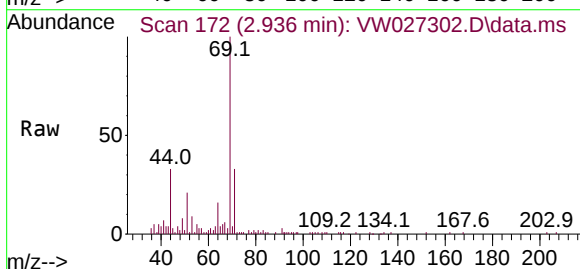
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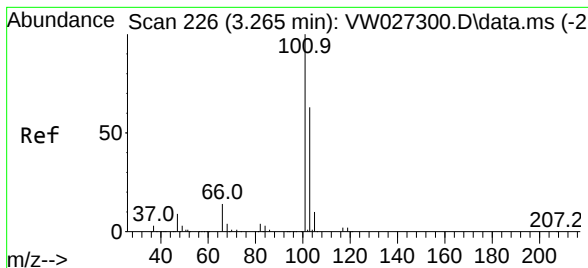
Tgt Ion: 64 Resp: 5278

Ion Ratio Lower Upper

64 100

66 33.2 21.7 40.3





#9

Trichlorofluoromethane

Concen: 0.819 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

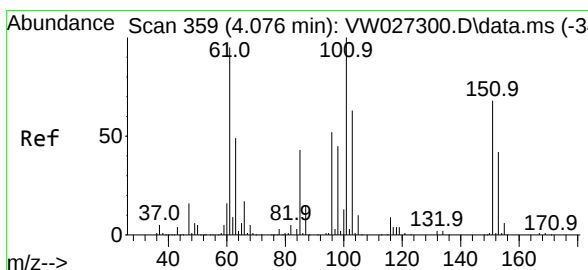
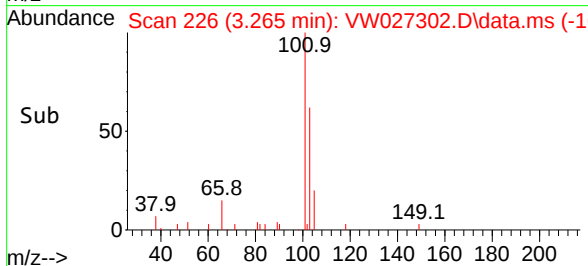
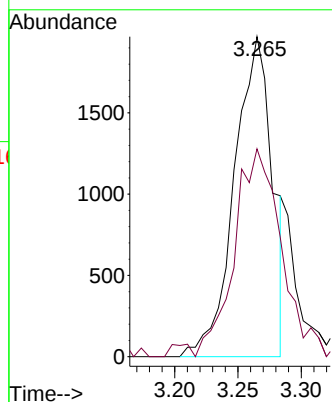
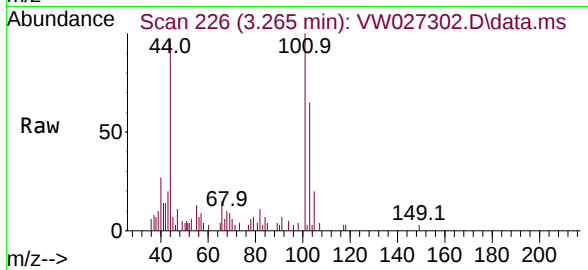
ClientSampleId :

Tgt Ion:101 Resp: 4131

Ion Ratio Lower Upper

101 100

103 76.9 51.6 77.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.075 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

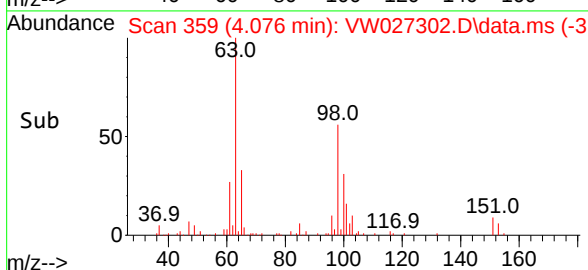
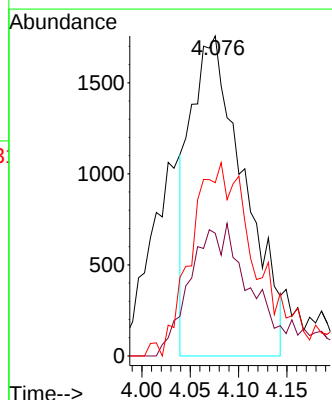
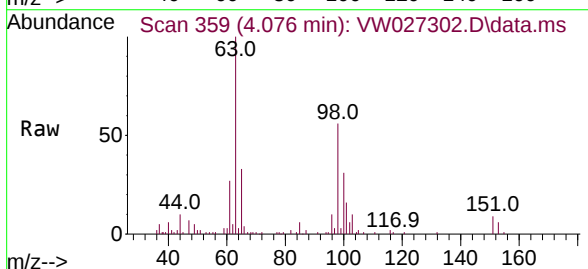
Tgt Ion:101 Resp: 6792

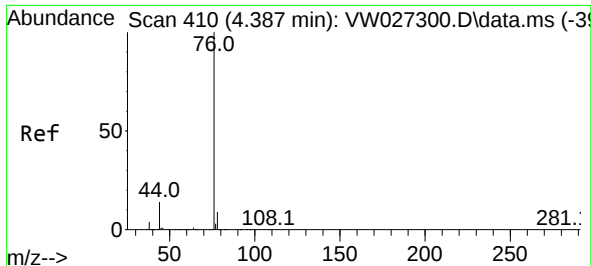
Ion Ratio Lower Upper

101 100

85 24.2 34.1 51.1#

151 22.8 49.5 74.3#

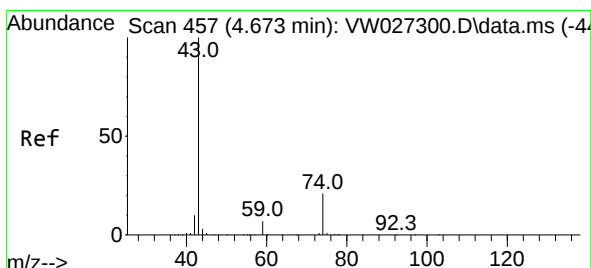
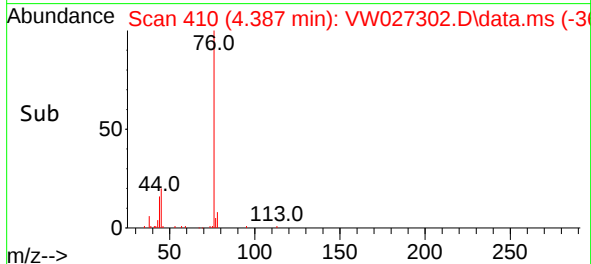
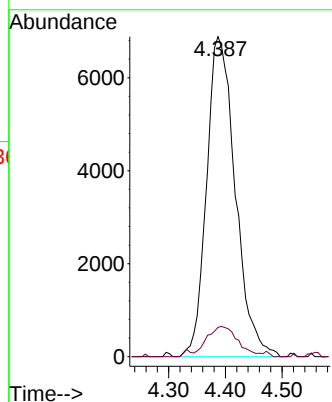
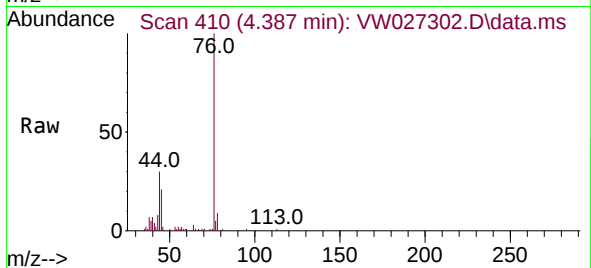




#14
Carbon disulfide
Concen: 1.270 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

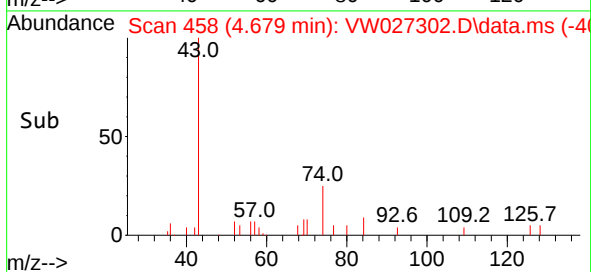
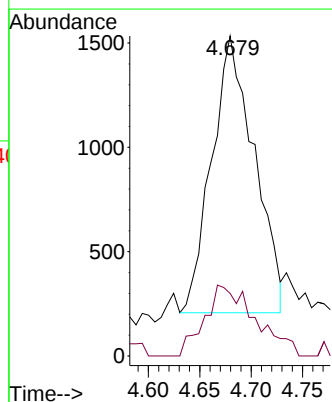
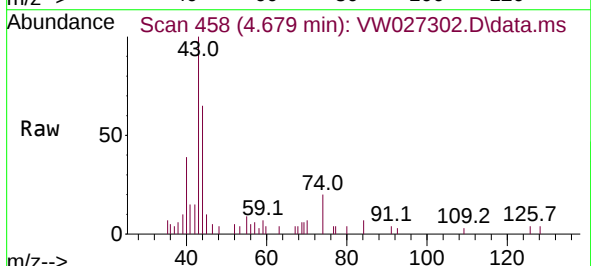
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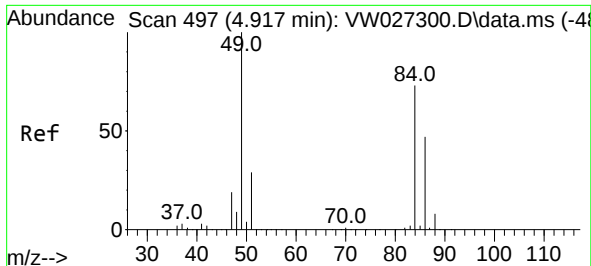
Tgt Ion: 76 Resp: 24174
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#15
Methyl Acetate
Concen: 1.091 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

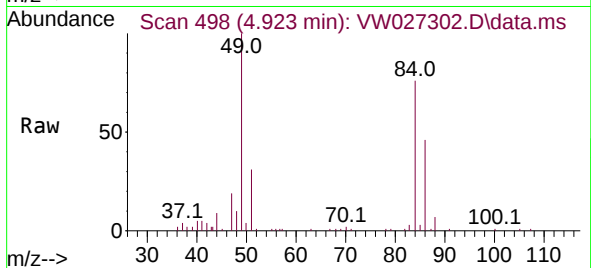
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
74 9.8 17.5 26.3#



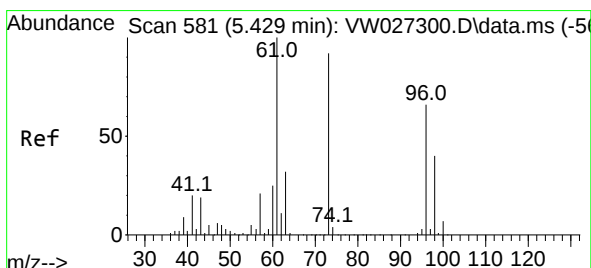
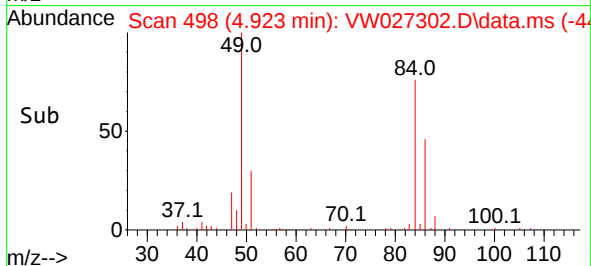
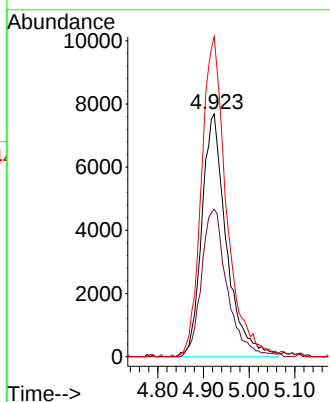


#16
Methylene chloride
Concen: 3.352 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Instrument :
MSVOA_W
ClientSampleId :

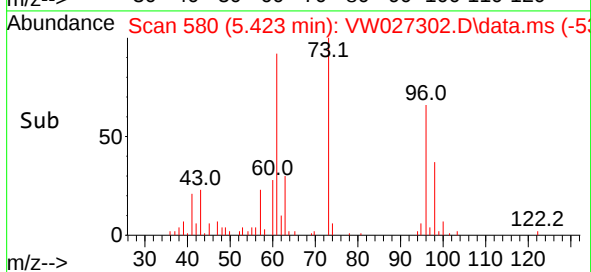
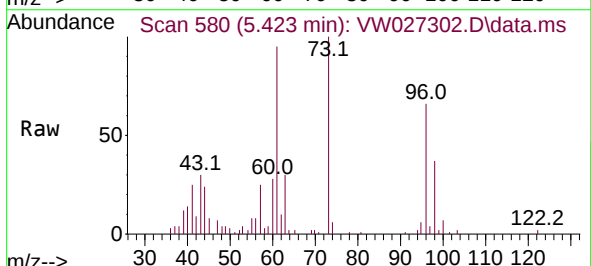
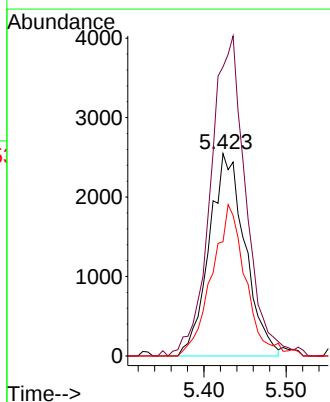


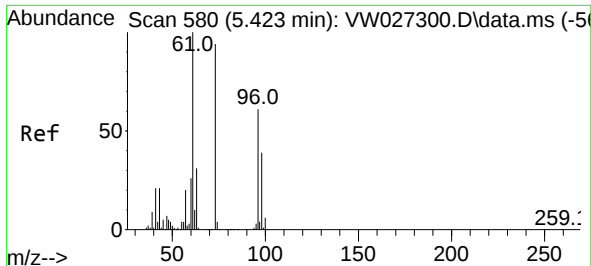
Tgt Ion: 84 Resp: 28726
Ion Ratio Lower Upper
84 100
86 60.7 41.3 76.7
49 131.8 92.8 172.4



#17
trans-1,2-Dichloroethene
Concen: 1.170 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

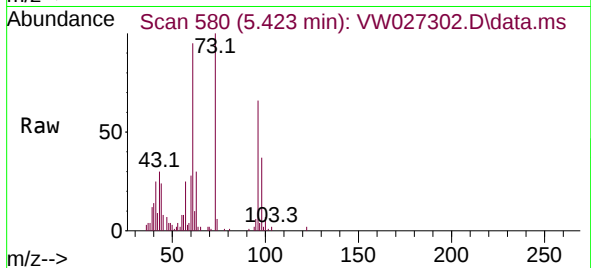
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61 142.9 105.6 196.0
98 56.4 45.0 83.6



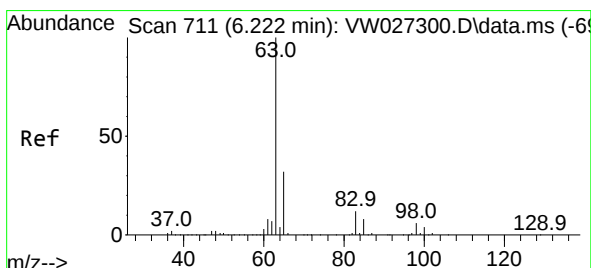
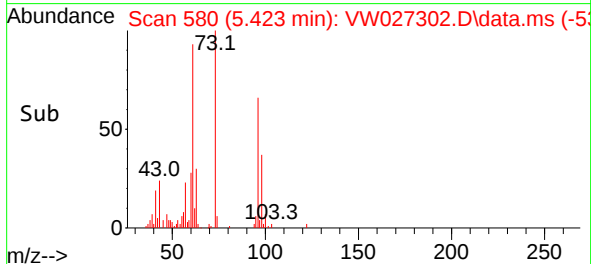
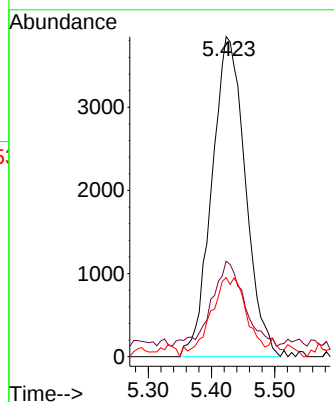


#18
Methyl tert-butyl Ether
Concen: 1.243 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Instrument :
MSVOA_W
ClientSampleId :

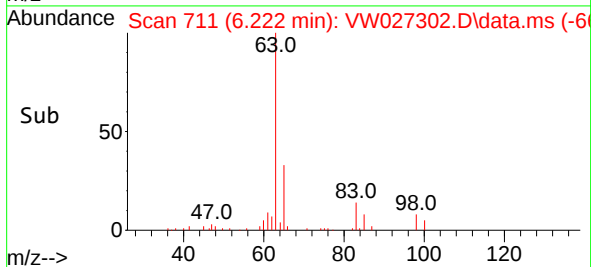
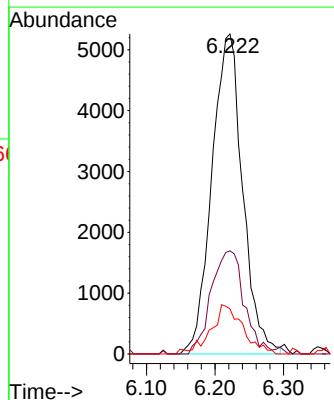
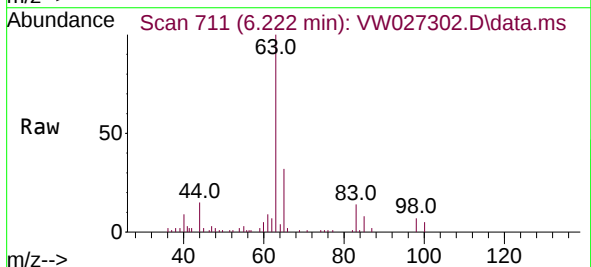


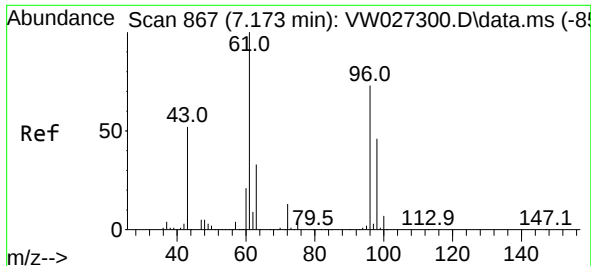
Tgt Ion:	73	Resp:	14149
Ion	Ratio	Lower	Upper
73	100		
43	24.7	17.7	26.5
57	12.8	18.5	27.7#



#19
1,1-Dichloroethane
Concen: 1.218 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion:	63	Resp:	16401
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.9	42.5
83	14.1	9.6	17.8

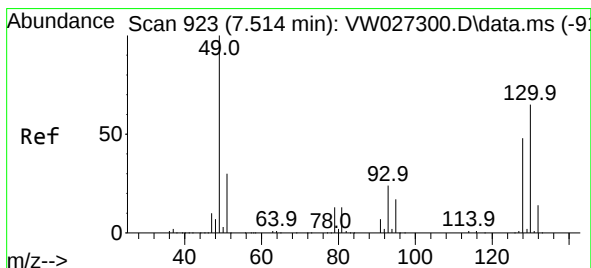
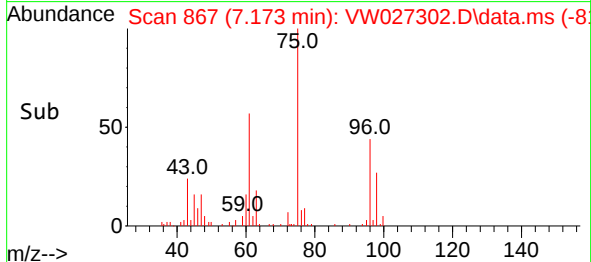
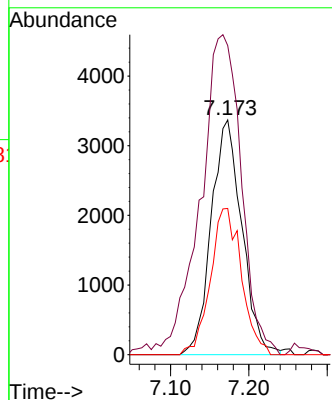
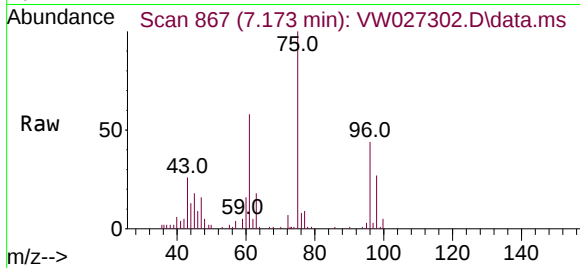




#20
 cis-1,2-Dichloroethene
 Concen: 1.229 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW027302.D
 Acq: 13 Oct 2023 12:33

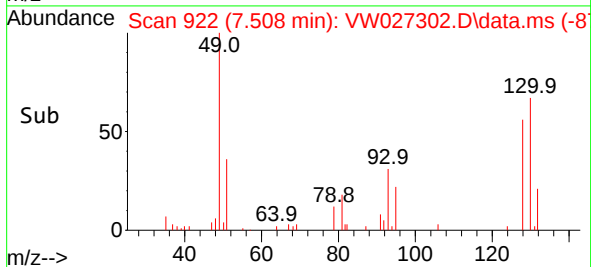
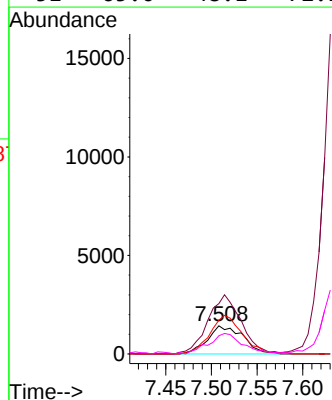
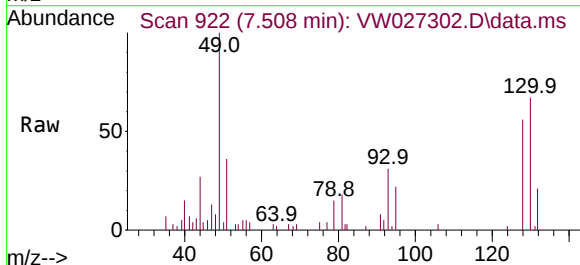
Instrument :
 MSVOA_W
 ClientSampleId :

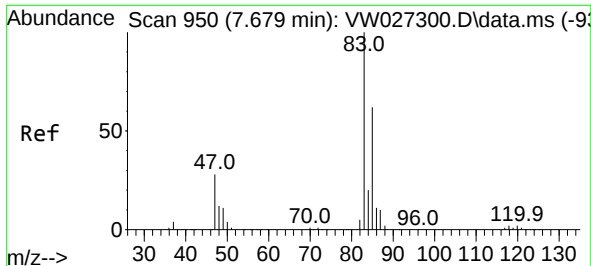
Tgt Ion: 96 Resp: 9158
 Ion Ratio Lower Upper
 96 100
 61 131.8 96.2 178.8
 98 62.3 46.0 85.4



#23
 Bromochloromethane
 Concen: 1.249 ug/L
 RT: 7.508 min Scan# 922
 Delta R.T. -0.006 min
 Lab File: VW027302.D
 Acq: 13 Oct 2023 12:33

Tgt Ion: 128 Resp: 3842
 Ion Ratio Lower Upper
 128 100
 49 179.5 128.9 239.5
 130 119.9 85.0 157.8
 51 65.0 48.1 72.1

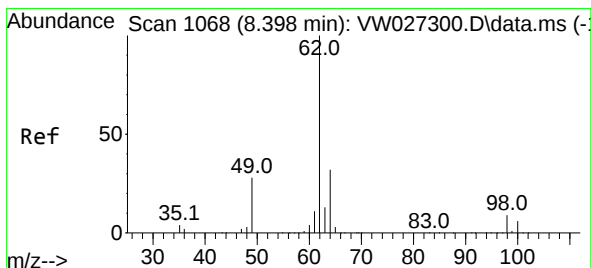
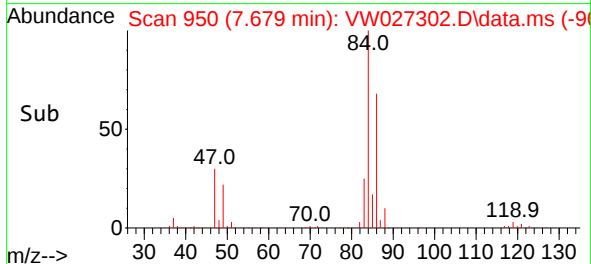
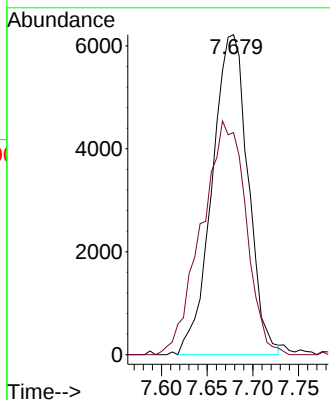
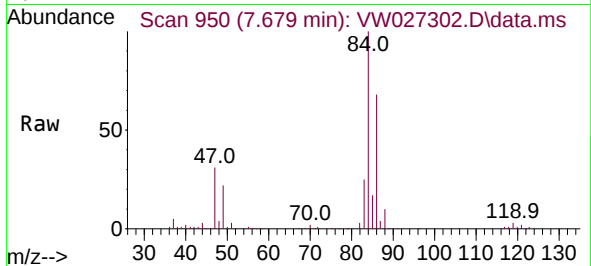




#25
Chloroform
Concen: 1.351 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

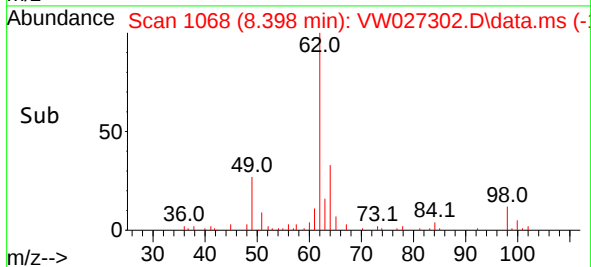
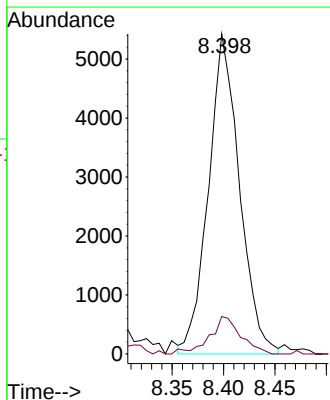
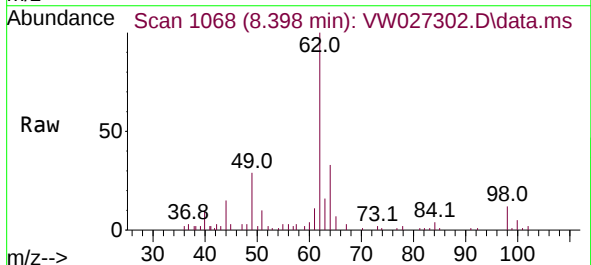
Instrument :
MSVOA_W
ClientSampleId :

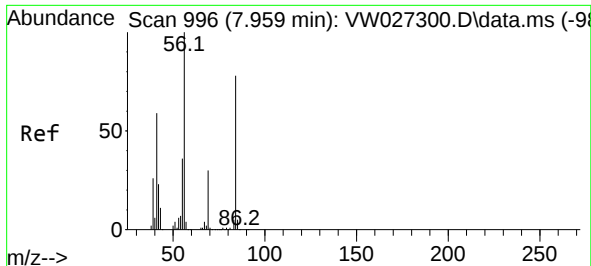
Tgt Ion: 83 Resp: 17023
Ion Ratio Lower Upper
83 100
85 69.4 44.1 81.9



#27
1,2-Dichloroethane
Concen: 1.332 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 62 Resp: 11399
Ion Ratio Lower Upper
62 100
98 11.7 7.5 11.3#





#29

Cyclohexane

Concen: 1.205 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027302.D

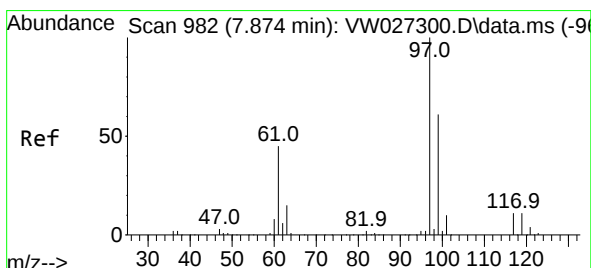
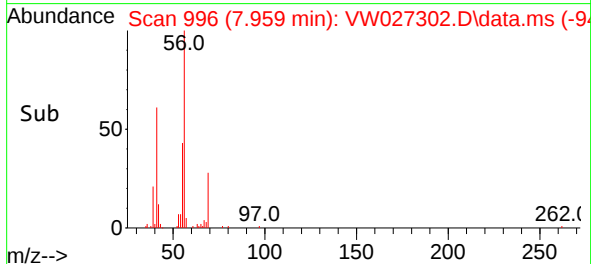
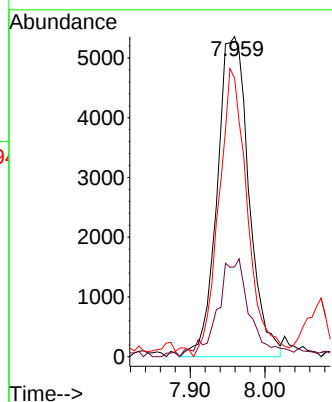
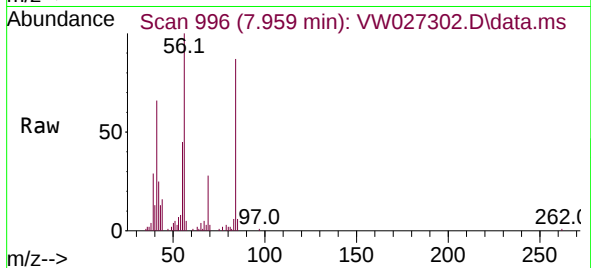
Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	15831
Ion	Ratio	Lower	Upper
56	100		
69	9.7	24.2	36.4#
84	81.1	65.1	97.7



#30

1,1,1-Trichloroethane

Concen: 1.201 ug/L

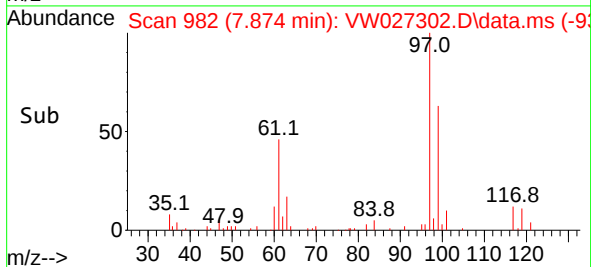
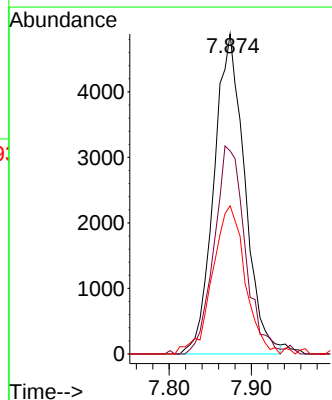
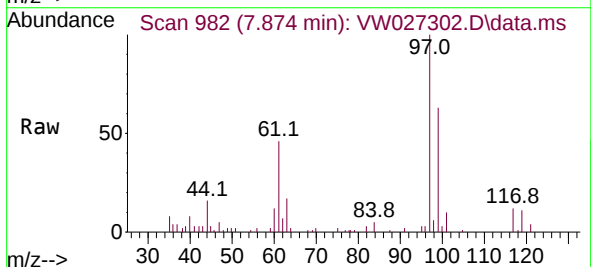
RT: 7.874 min Scan# 982

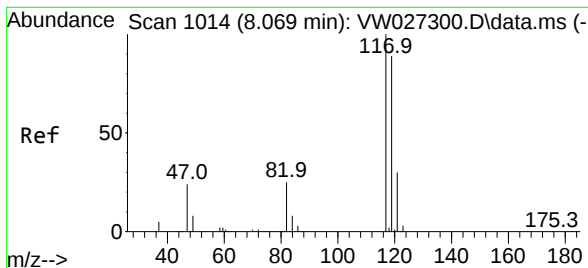
Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Tgt Ion:	97	Resp:	12679
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	46.6	37.4	56.0





#31

Carbon tetrachloride

Concen: 1.161 ug/L

RT: 8.063 min Scan# 11056

Delta R.T. -0.006 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

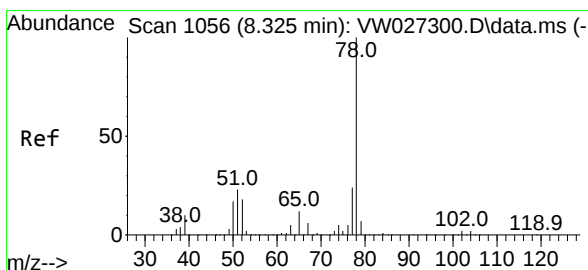
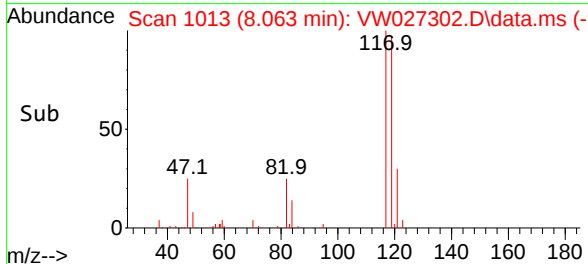
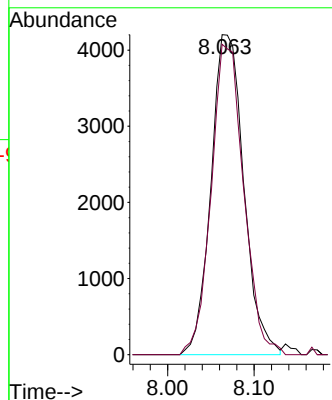
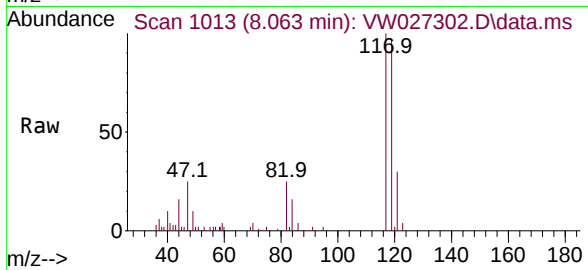
ClientSampleId :

Tgt Ion:117 Resp: 11056

Ion Ratio Lower Upper

117 100

119 95.8 77.1 115.7



#33

Benzene

Concen: 1.239 ug/L

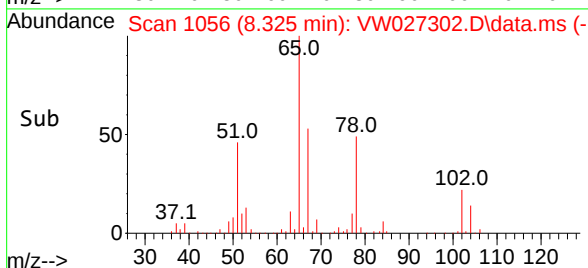
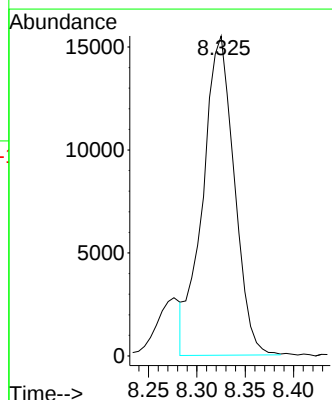
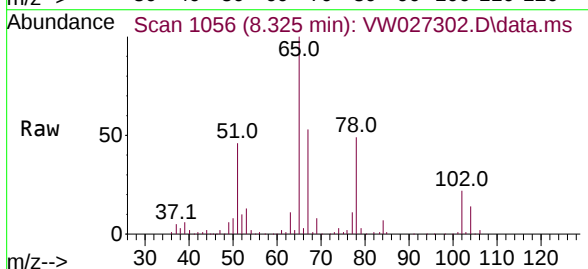
RT: 8.325 min Scan# 1056

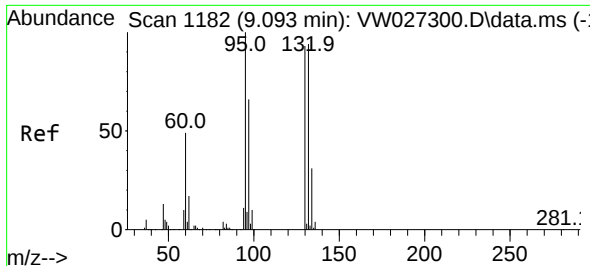
Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Tgt Ion: 78 Resp: 35031





#34

Trichloroethene

Concen: 1.239 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

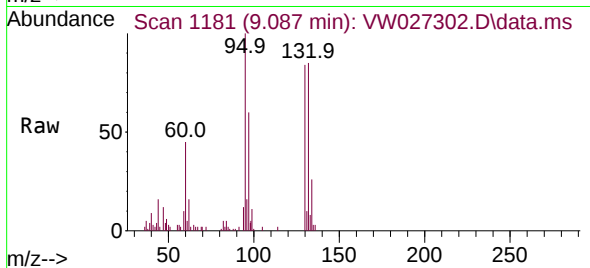
Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 9259

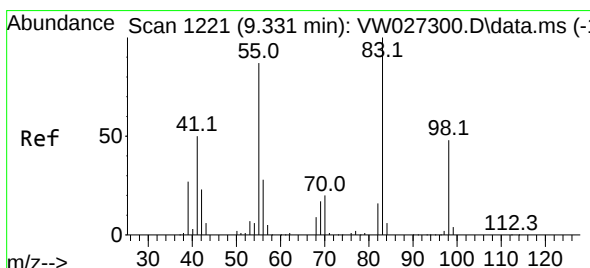
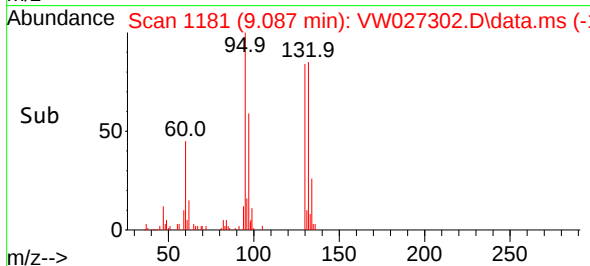
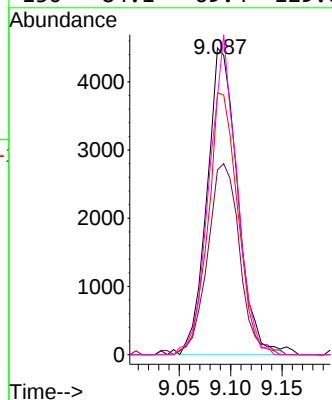
Ion Ratio Lower Upper

95 100

97 60.2 43.4 80.6

132 85.4 67.6 125.6

130 84.1 69.4 129.0



#35

Methylcyclohexane

Concen: 1.115 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

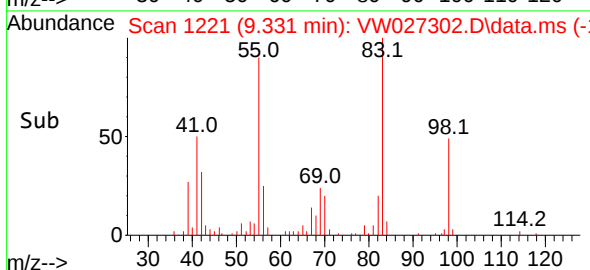
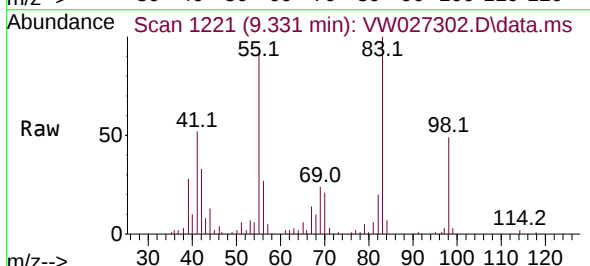
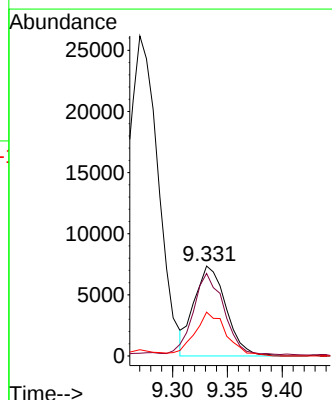
Tgt Ion: 83 Resp: 14896

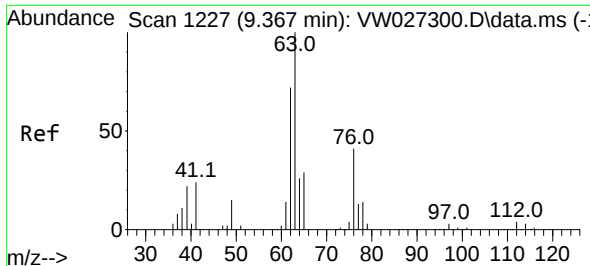
Ion Ratio Lower Upper

83 100

55 87.7 65.8 98.8

98 48.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 1.187 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

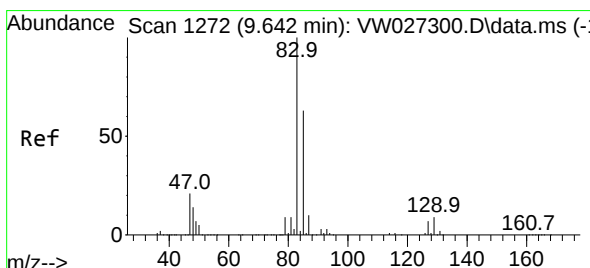
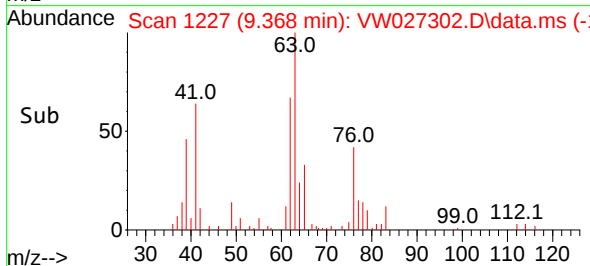
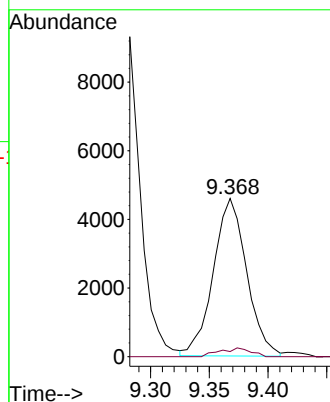
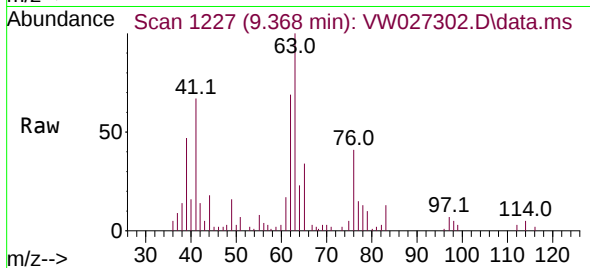
ClientSampleId :

Tgt Ion: 63 Resp: 9080

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 1.150 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

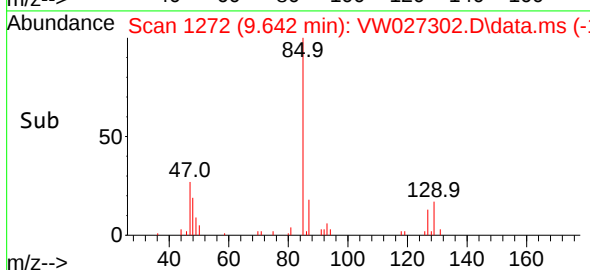
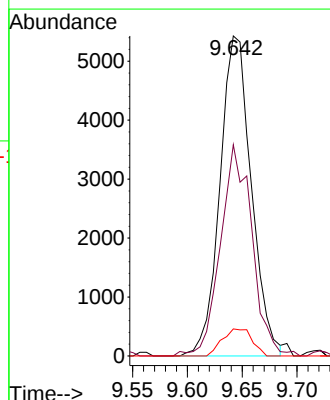
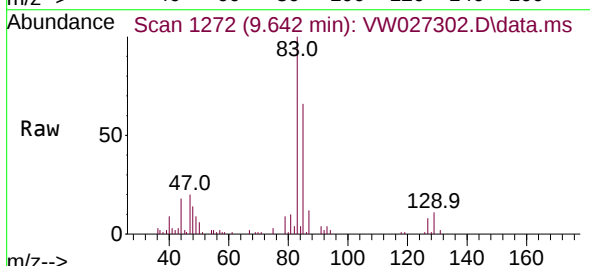
Tgt Ion: 83 Resp: 10813

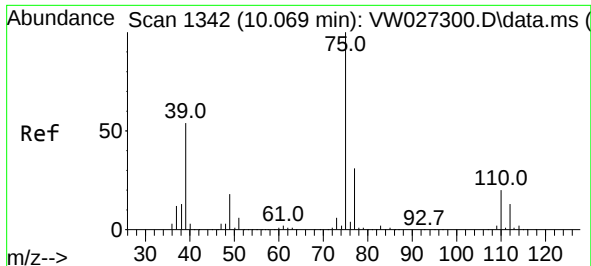
Ion Ratio Lower Upper

83 100

85 66.0 43.9 81.5

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 1.054 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

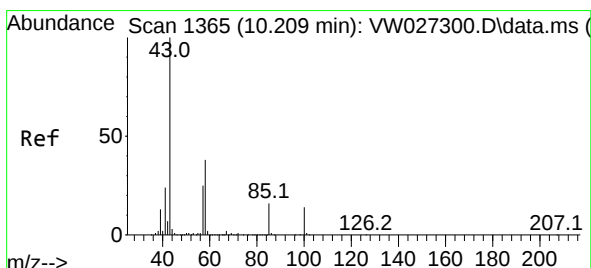
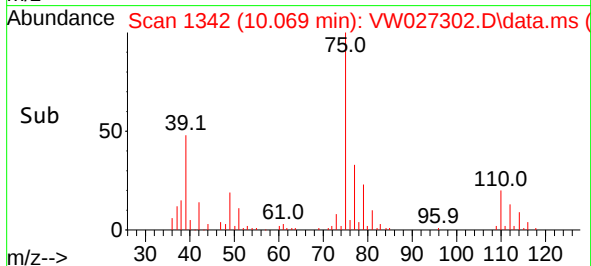
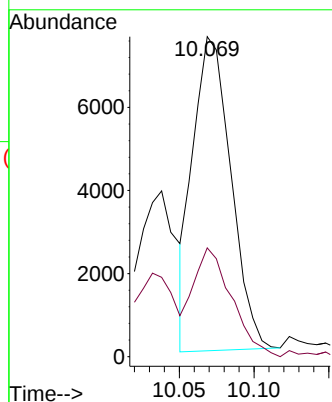
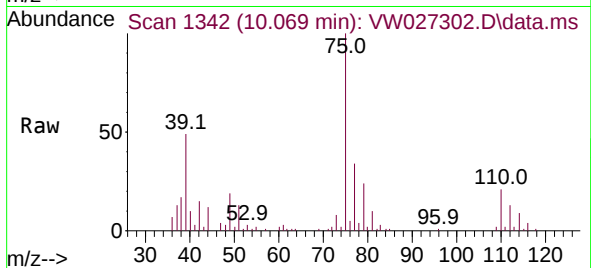
ClientSampleId :

Tgt Ion: 75 Resp: 13314

Ion Ratio Lower Upper

75 100

77 34.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 2.445 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

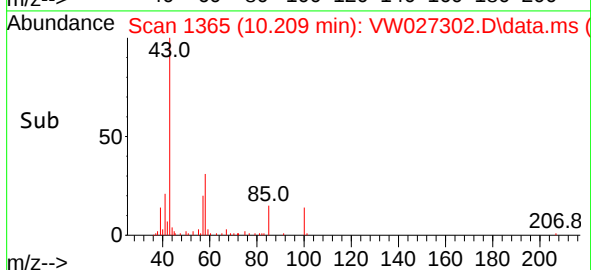
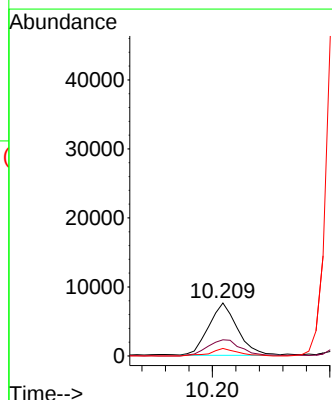
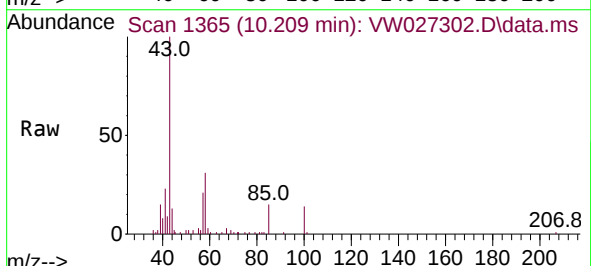
Tgt Ion: 43 Resp: 12862

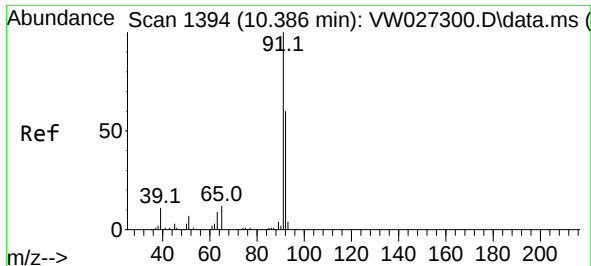
Ion Ratio Lower Upper

43 100

58 36.2 30.5 45.7

100 13.4 11.5 17.3

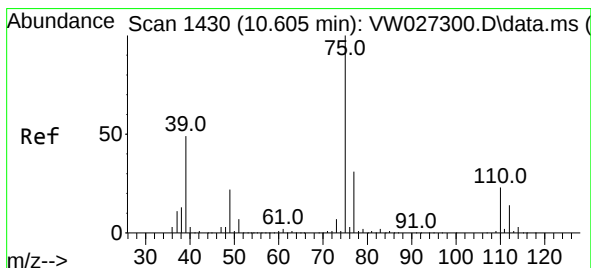
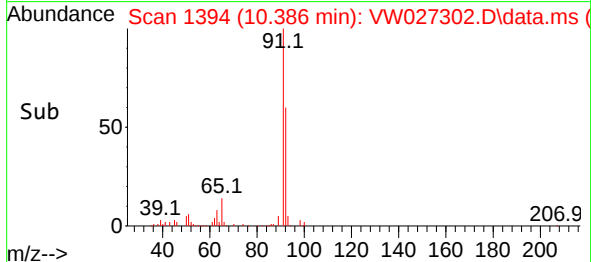
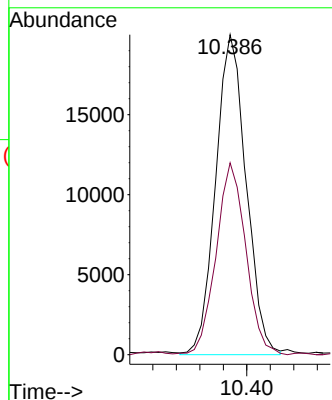
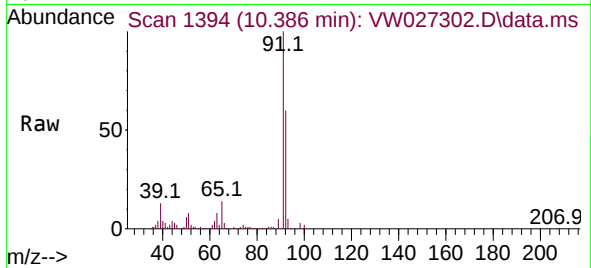




#42
Toluene
Concen: 1.213 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

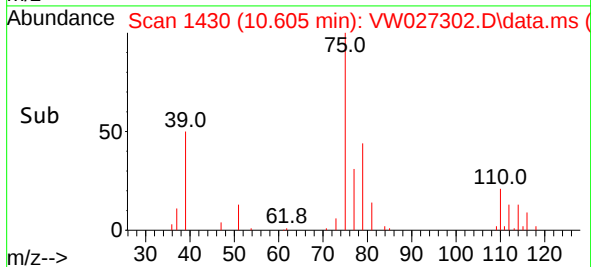
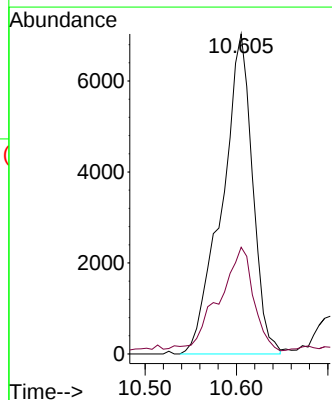
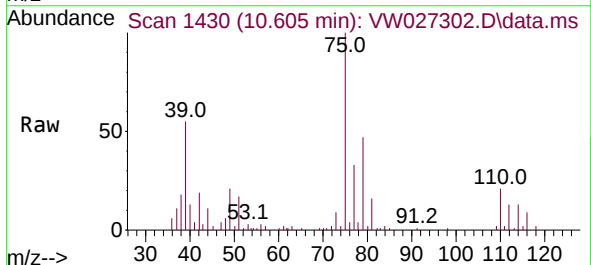
Instrument :
MSVOA_W
ClientSampleId :

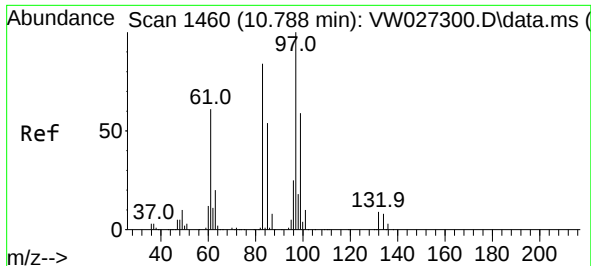
Tgt Ion: 91 Resp: 35997
Ion Ratio Lower Upper
91 100
92 60.0 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 1.535 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 75 Resp: 16361
Ion Ratio Lower Upper
75 100
77 33.3 22.0 41.0

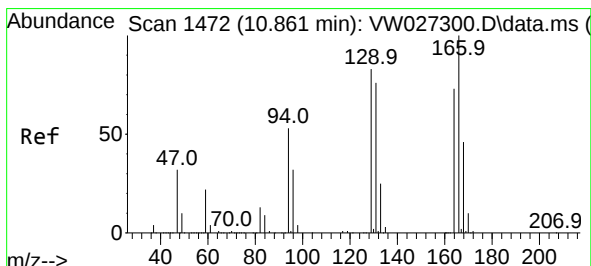
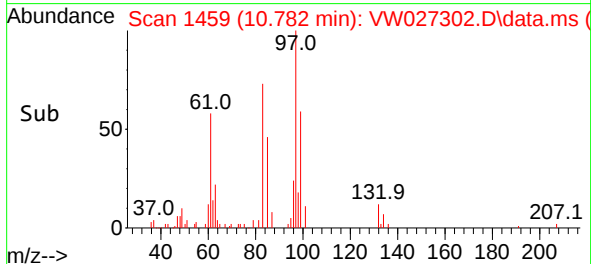
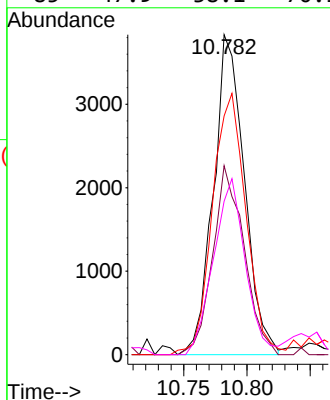
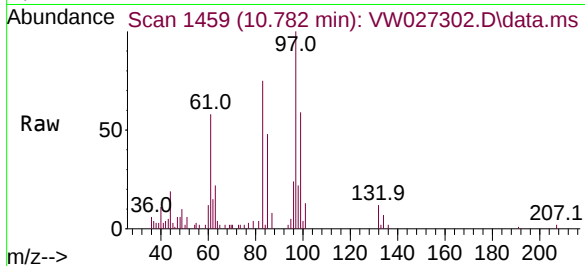




#45
1,1,2-Trichloroethane
Concen: 1.238 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

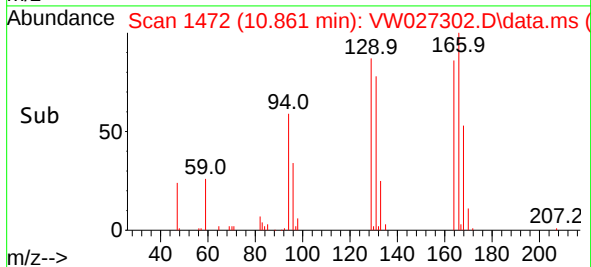
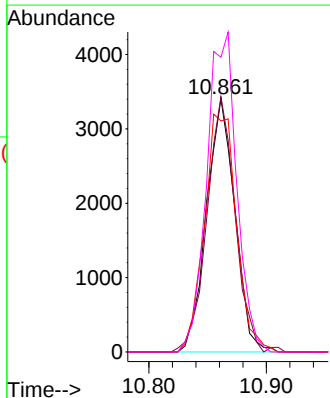
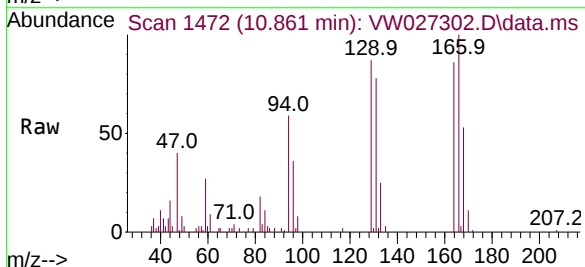
Instrument :
MSVOA_W
ClientSampleId :

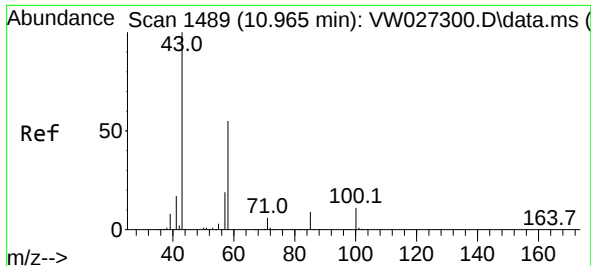
Tgt Ion:	97	Resp:	6513
Ion	Ratio	Lower	Upper
97	100		
99	59.1	43.8	81.4
83	74.6	57.5	106.7
85	47.9	38.1	70.9



#46
Tetrachloroethene
Concen: 1.112 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

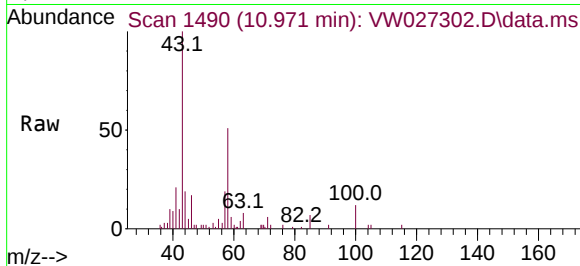
Tgt Ion:	164	Resp:	5738
Ion	Ratio	Lower	Upper
164	100		
129	101.0	74.7	138.7
131	91.3	73.2	136.0
166	116.5	87.3	162.1



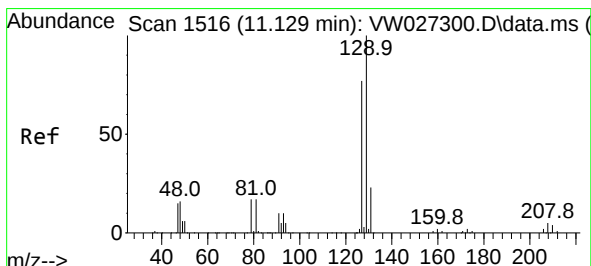
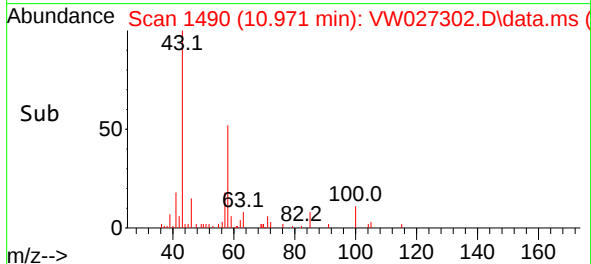
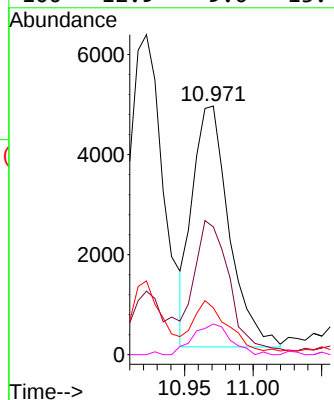


#48
2-Hexanone
Concen: 2.299 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Instrument :
MSVOA_W
ClientSampleId :

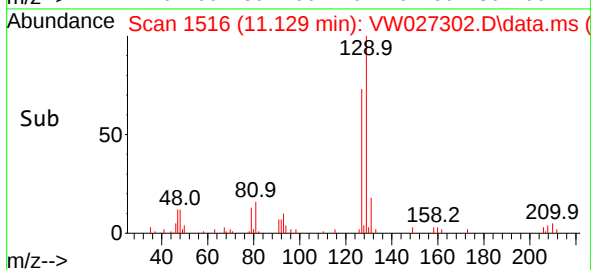
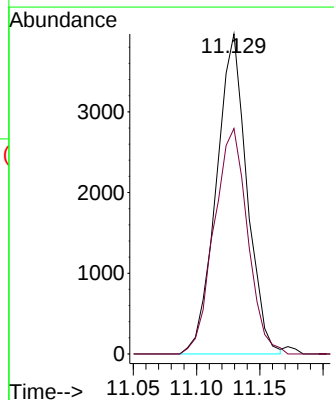
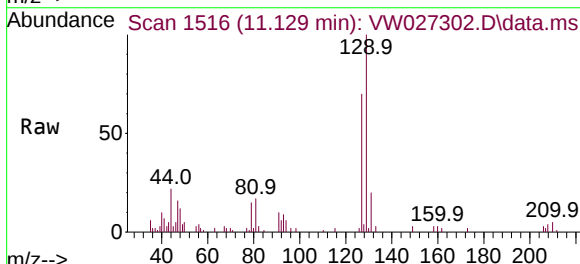


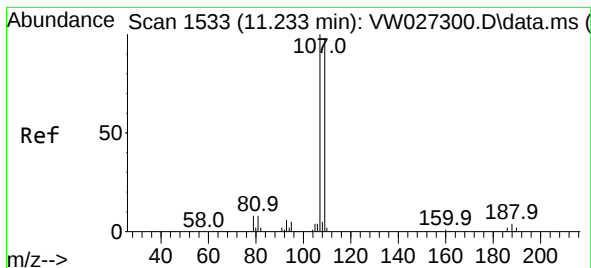
Tgt Ion: 43	Resp: 8950
Ion Ratio	Lower Upper
43 100	
58 54.8	42.2 63.4
57 20.8	15.1 22.7
100 12.9	9.0 13.4



#49
Dibromochloromethane
Concen: 1.142 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion:129	Resp:	6672	
Ion	Ratio	Lower	Upper
129	100		
127	70.4	51.7	95.9

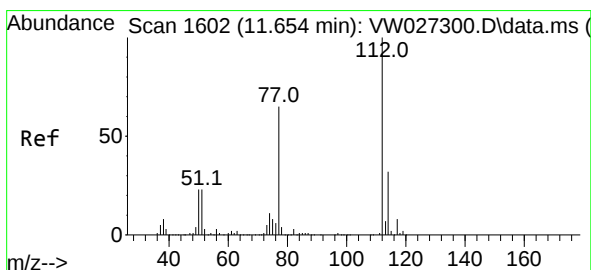
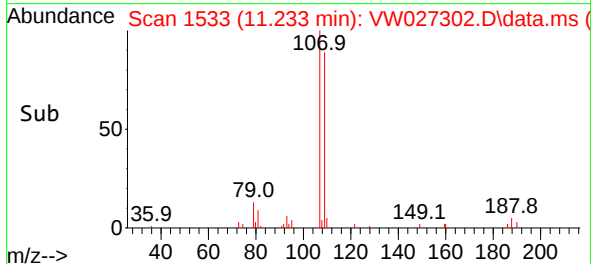
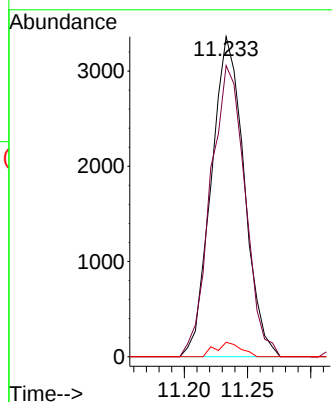
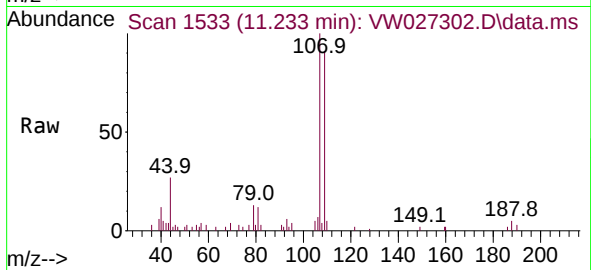




#50
1,2-Dibromoethane
Concen: 1.191 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

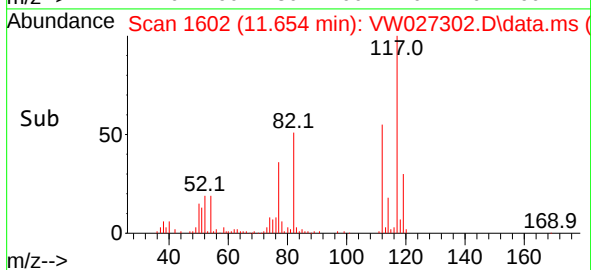
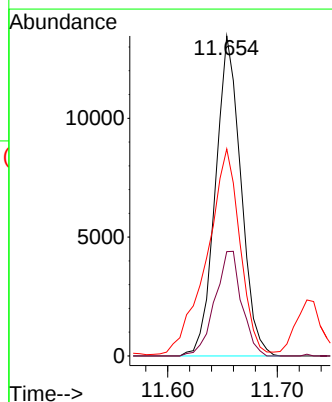
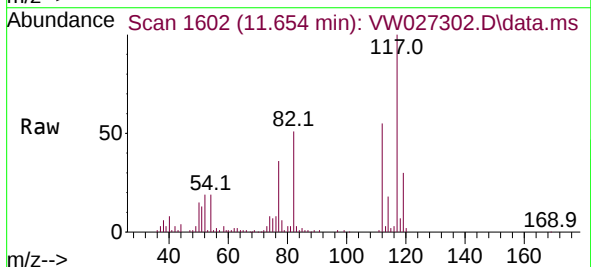
Instrument :
MSVOA_W
ClientSampleId :

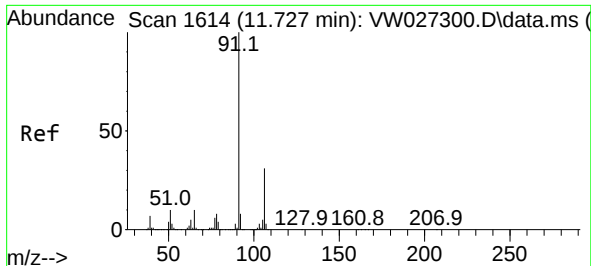
Tgt Ion:107 Resp: 6077
Ion Ratio Lower Upper
107 100
109 91.0 66.3 123.1
188 4.5 3.0 4.4#



#51
Chlorobenzene
Concen: 1.169 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion:112 Resp: 21716
Ion Ratio Lower Upper
112 100
114 32.6 21.8 40.6
77 64.7 52.2 78.4





#52

Ethylbenzene

Concen: 1.191 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

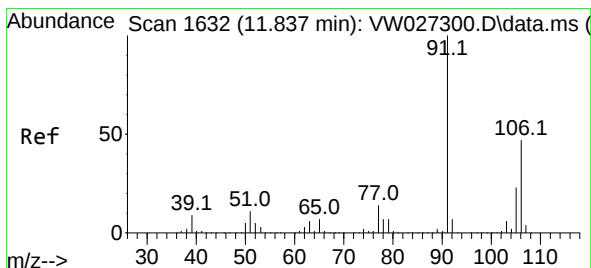
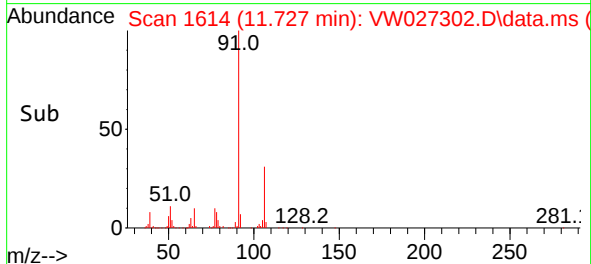
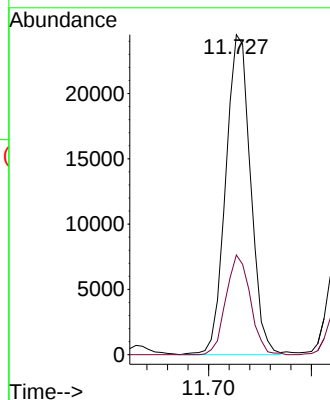
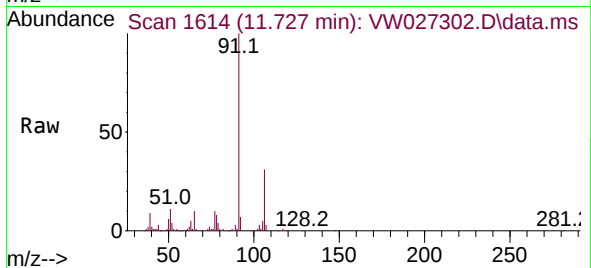
ClientSampleId :

Tgt Ion: 91 Resp: 41081

Ion Ratio Lower Upper

91 100

106 31.2 19.8 36.8



#53

m,p-Xylene

Concen: 1.162 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027302.D

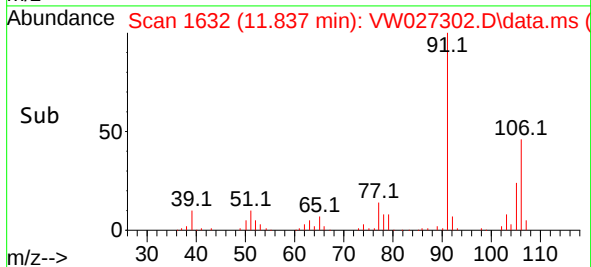
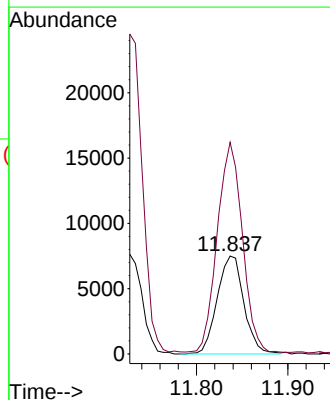
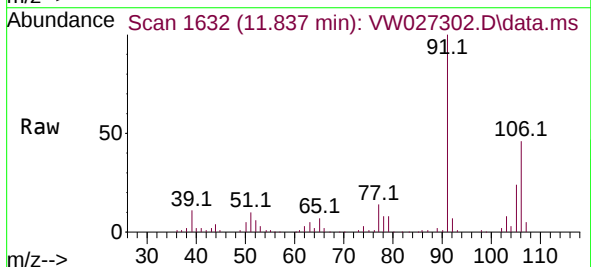
Acq: 13 Oct 2023 12:33

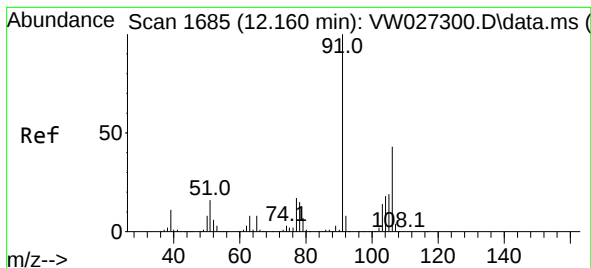
Tgt Ion:106 Resp: 15195

Ion Ratio Lower Upper

106 100

91 216.2 144.5 268.4





#54

o-Xylene

Concen: 1.180 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

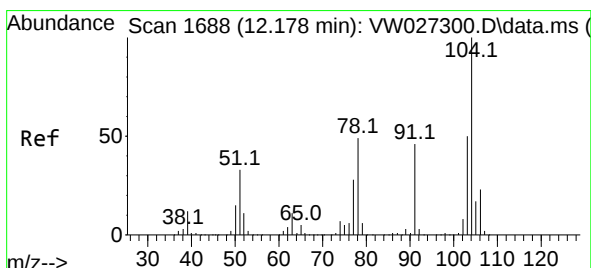
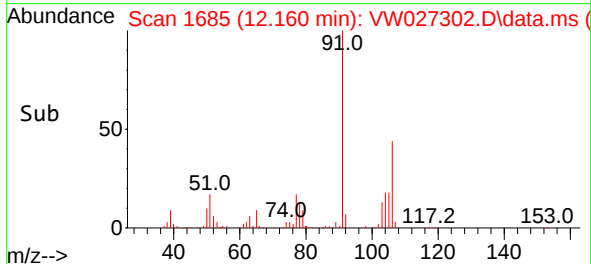
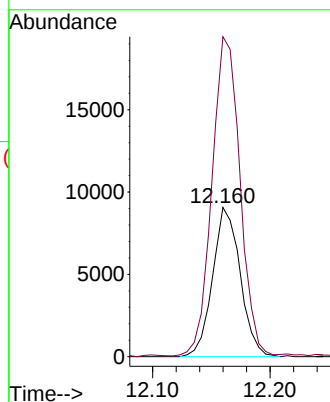
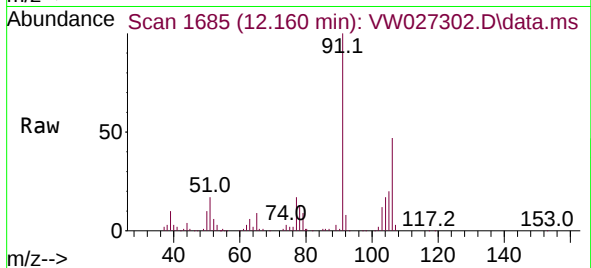
ClientSampleId :

Tgt Ion:106 Resp: 14773

Ion Ratio Lower Upper

106 100

91 214.5 152.0 282.2



#55

Styrene

Concen: 1.129 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027302.D

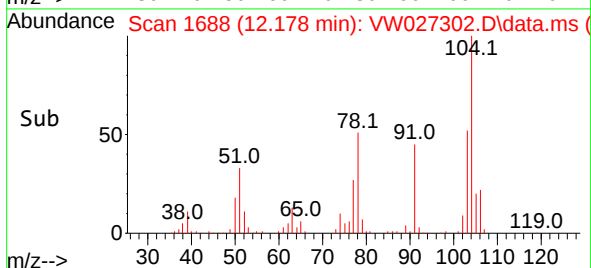
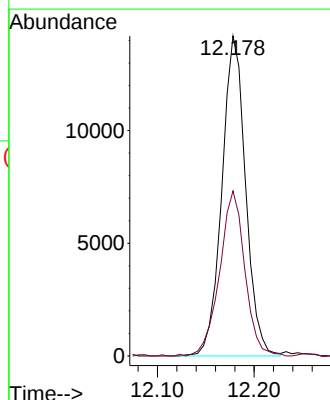
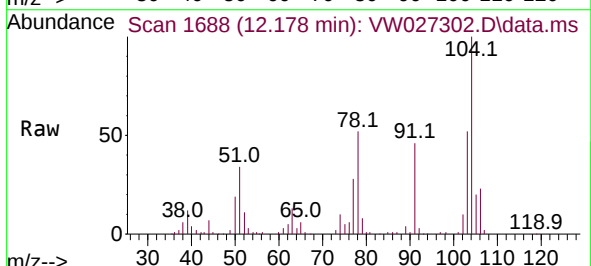
Acq: 13 Oct 2023 12:33

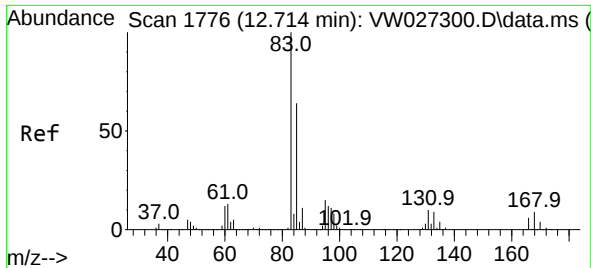
Tgt Ion:104 Resp: 24147

Ion Ratio Lower Upper

104 100

78 51.5 33.2 61.6

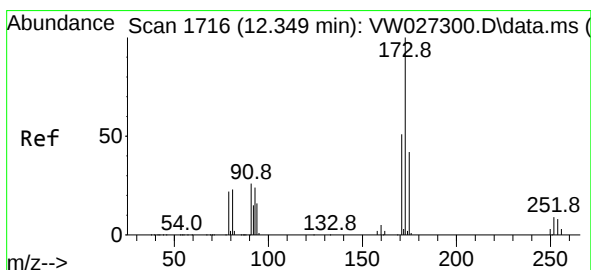
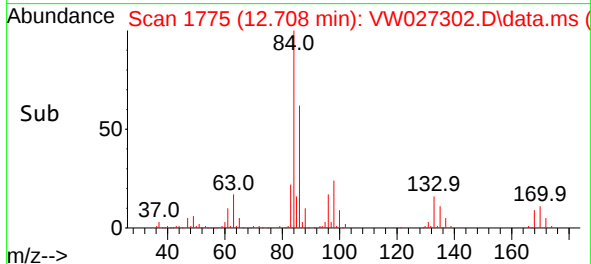
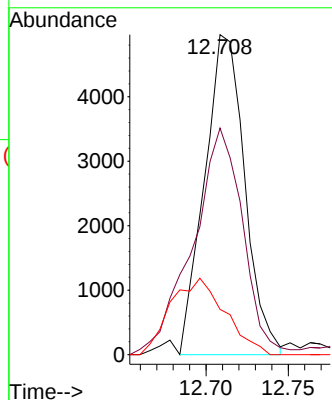
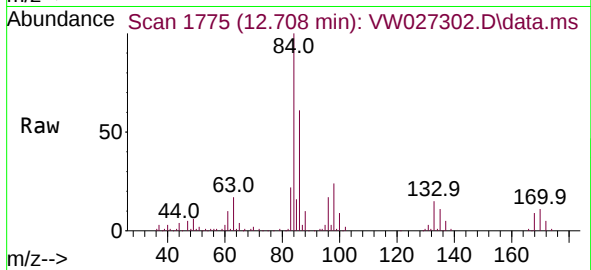




#57
1,1,2-Tetrachloroethane
Concen: 1.313 ug/L
RT: 12.708 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

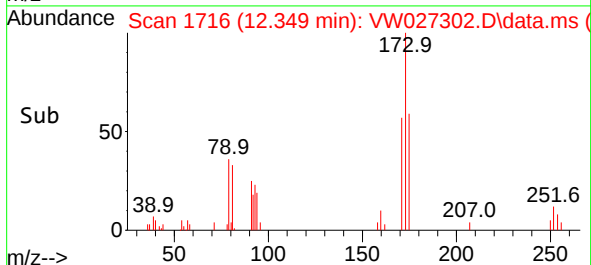
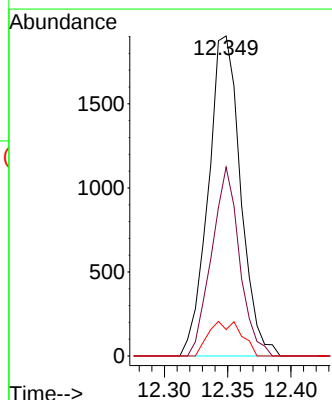
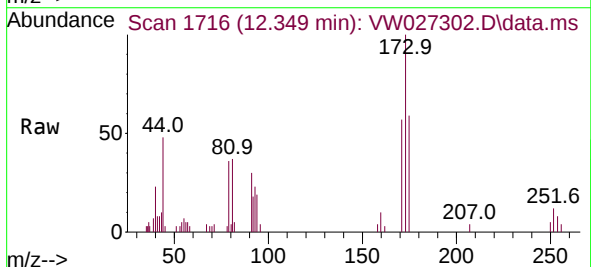
Instrument :
MSVOA_W
ClientSampleId :

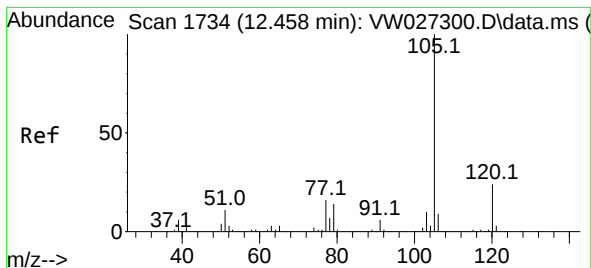
Tgt Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
85 70.8 43.2 80.2
131 14.1 7.2 10.8#



#59
Bromoform
Concen: 1.053 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion: 173 Resp: 3383
Ion Ratio Lower Upper
173 100
175 50.9 39.6 59.4
254 6.5 6.6 10.0#





#60

Isopropylbenzene

Concen: 1.191 ug/L

RT: 12.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027302.D

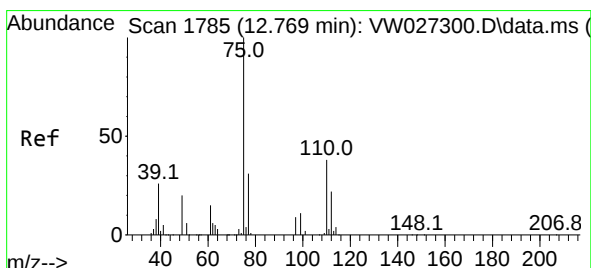
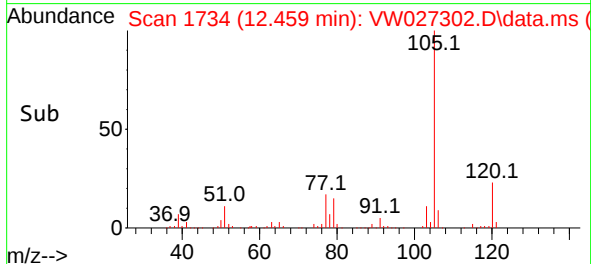
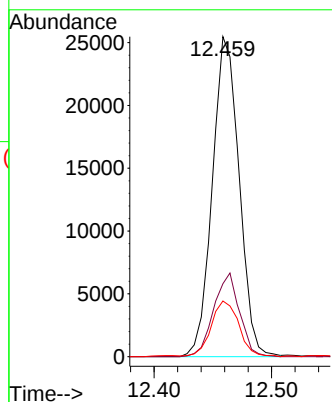
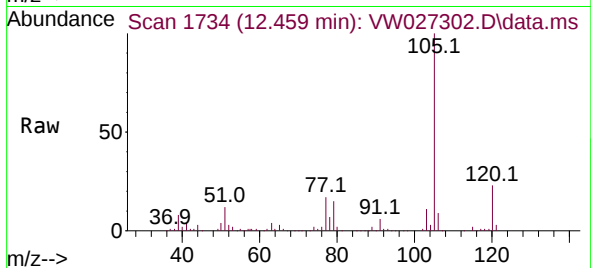
Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	40375
Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.1	30.1
77	18.1	12.9	19.3



#61

1,2,3-Trichloropropane

Concen: 1.312 ug/L

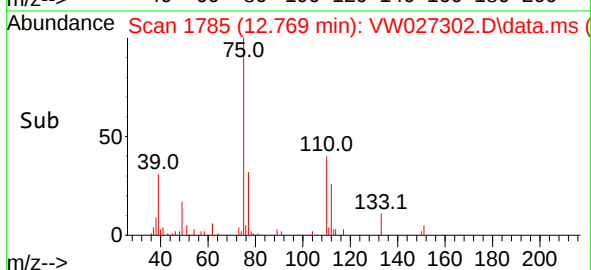
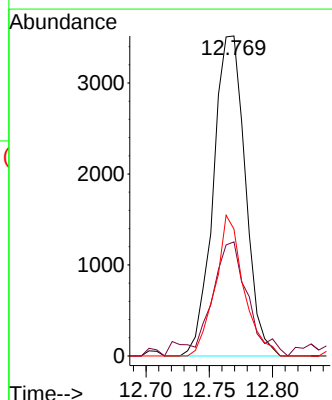
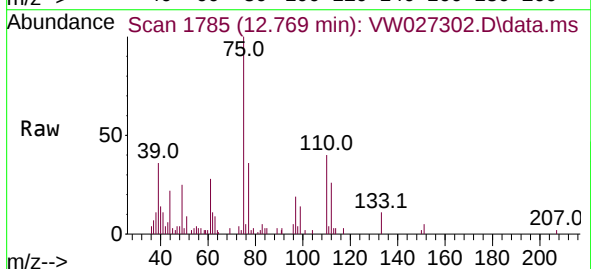
RT: 12.769 min Scan# 1785

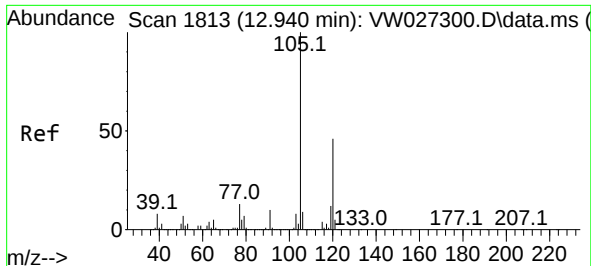
Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Tgt Ion:	75	Resp:	6181
Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.4	38.0
110	39.0	29.7	44.5

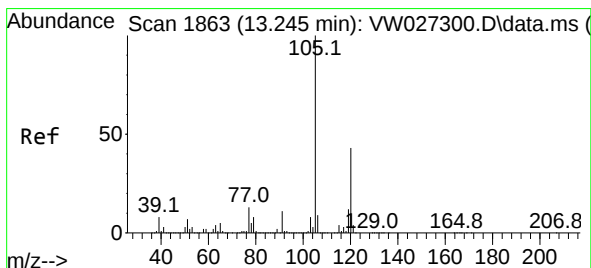
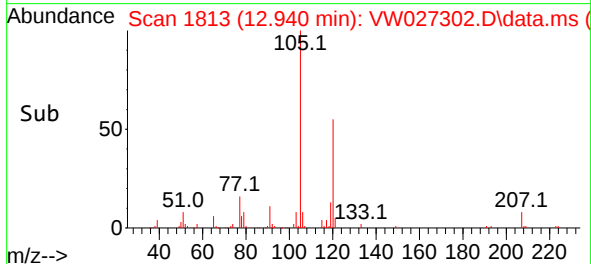
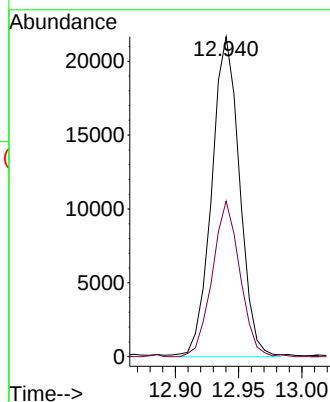
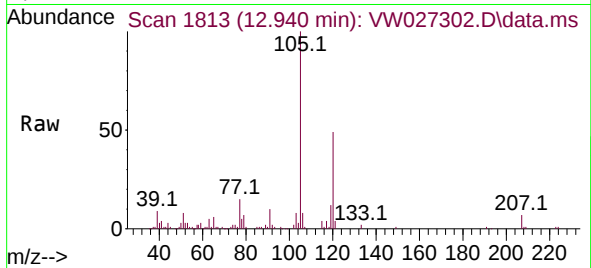




#62
1,3,5-Trimethylbenzene
Concen: 1.172 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

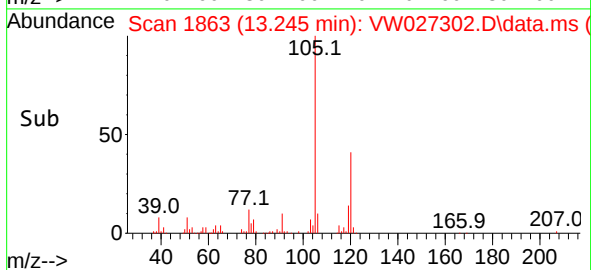
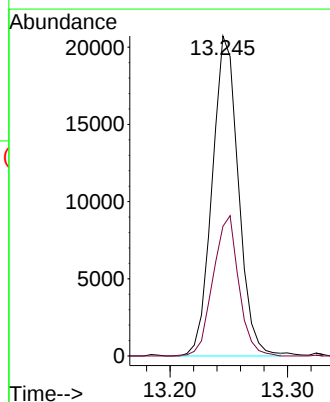
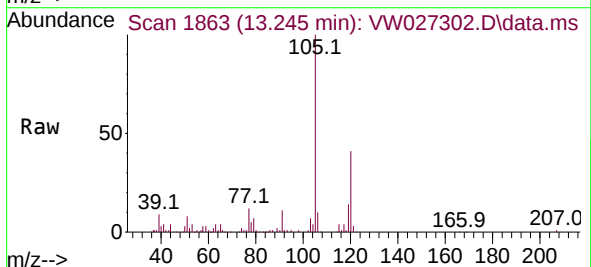
Instrument :
MSVOA_W
ClientSampleId :

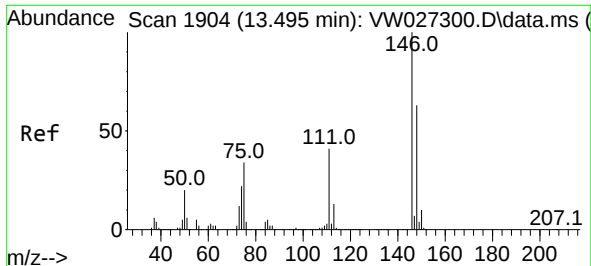
Tgt Ion:105 Resp: 33141
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 1.163 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

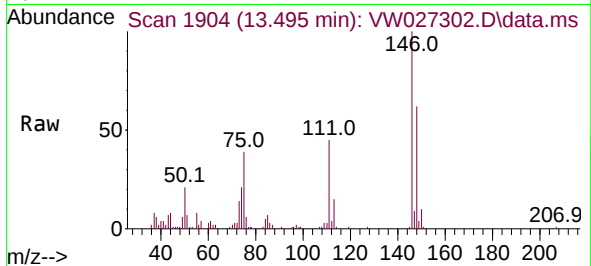
Tgt Ion:105 Resp: 32181
Ion Ratio Lower Upper
105 100
120 42.8 35.4 53.2



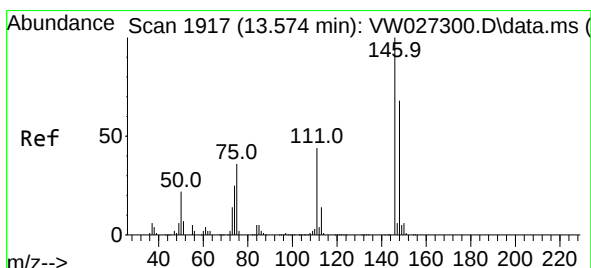
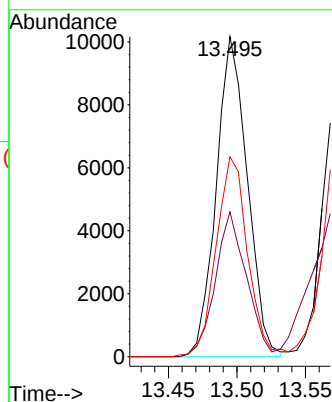
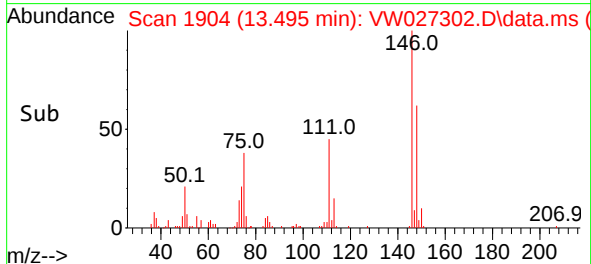


#64
1,3-Dichlorobenzene
Concen: 1.166 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Instrument :
MSVOA_W
ClientSampleId :

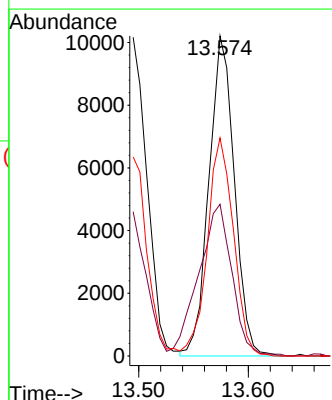
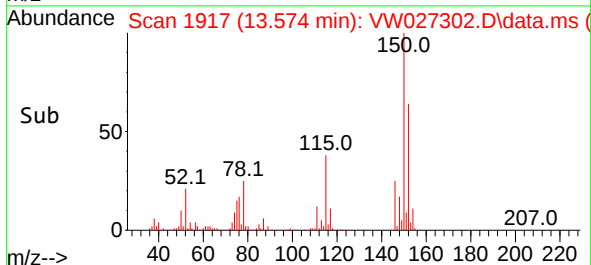
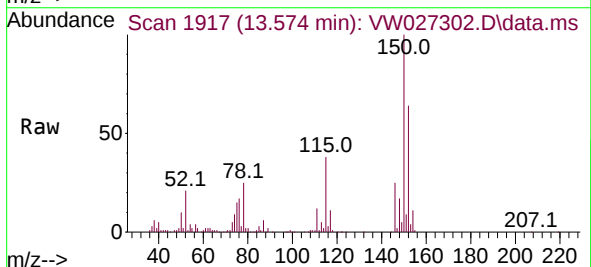


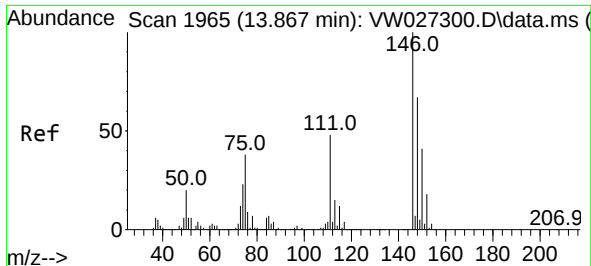
Tgt Ion:146 Resp: 16032
Ion Ratio Lower Upper
146 100
111 45.3 30.8 57.2
148 62.4 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 1.199 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027302.D
Acq: 13 Oct 2023 12:33

Tgt Ion:146 Resp: 16455
Ion Ratio Lower Upper
146 100
111 47.4 29.5 54.9
148 68.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 1.182 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

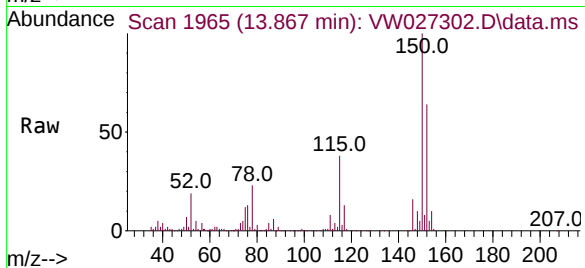
Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :



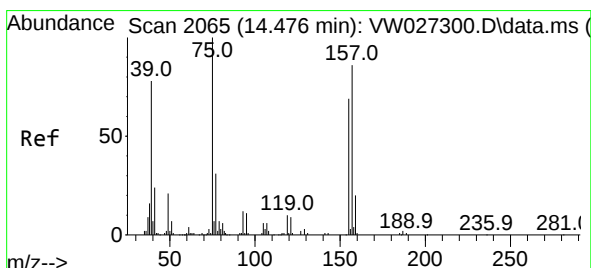
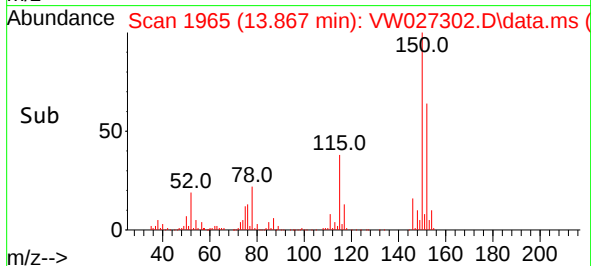
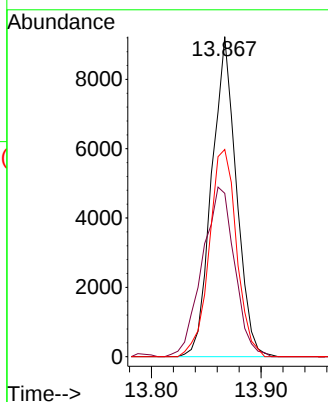
Tgt Ion:146 Resp: 14417

Ion Ratio Lower Upper

146 100

111 51.1 36.8 55.2

148 64.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 1.160 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

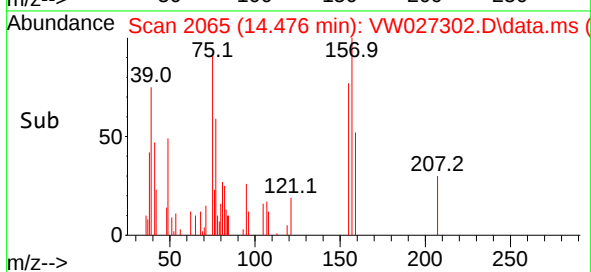
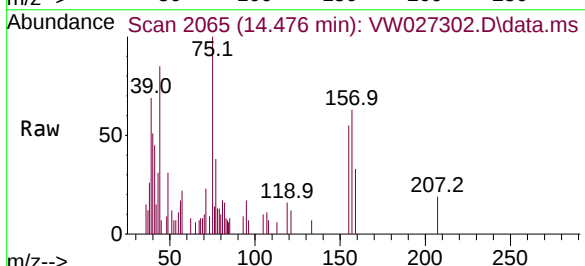
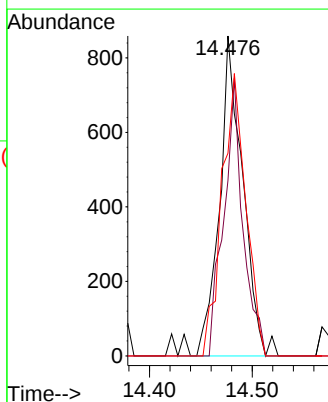
Tgt Ion: 75 Resp: 1366

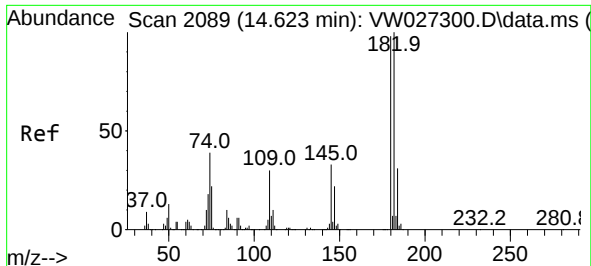
Ion Ratio Lower Upper

75 100

155 54.8 54.9 82.3#

157 63.3 64.7 97.1#





#69

1,3,5-Trichlorobenzene

Concen: 1.252 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 11178

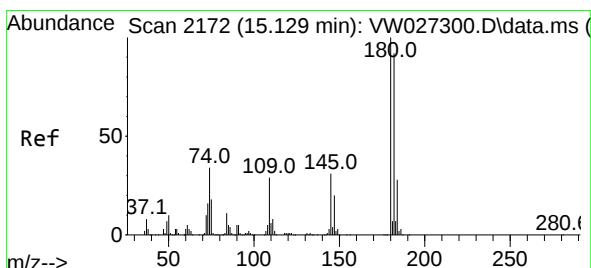
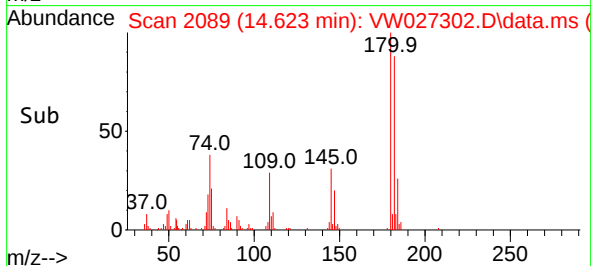
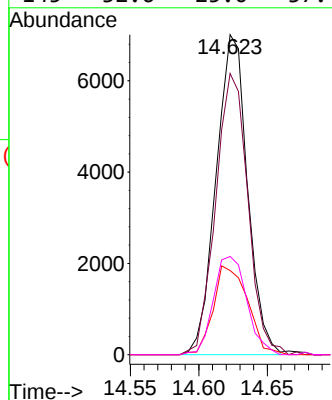
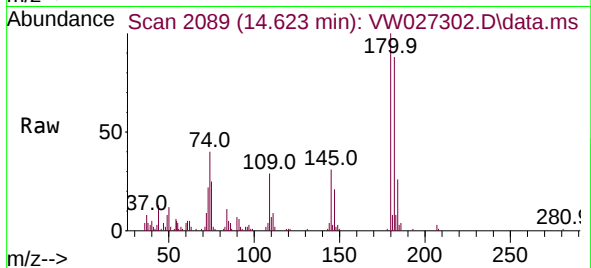
Ion Ratio Lower Upper

180 100

182 89.8 73.4 110.0

184 30.4 23.3 34.9

145 32.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 1.218 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

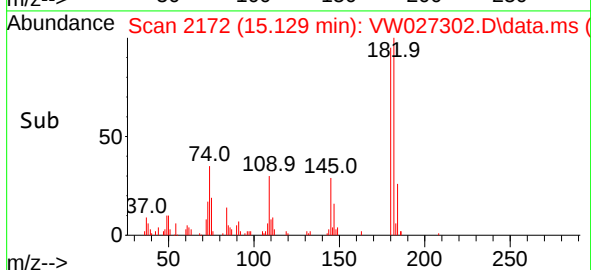
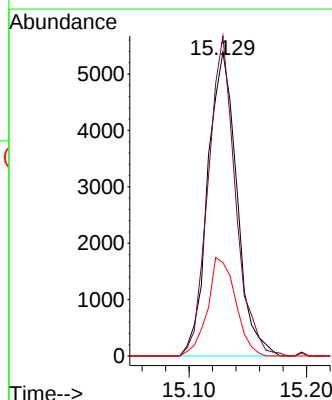
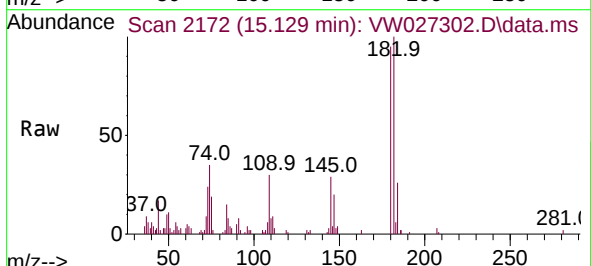
Tgt Ion:180 Resp: 9253

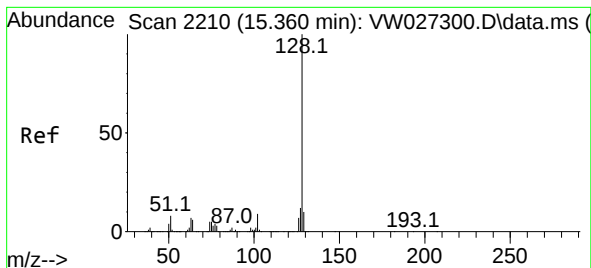
Ion Ratio Lower Upper

180 100

182 98.6 75.5 113.3

145 31.2 26.4 39.6





#71

Naphthalene

Concen: 1.211 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Instrument :

MSVOA_W

ClientSampleId :

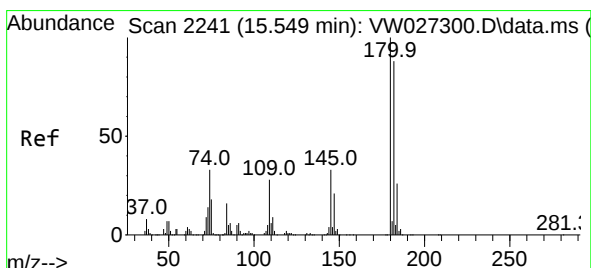
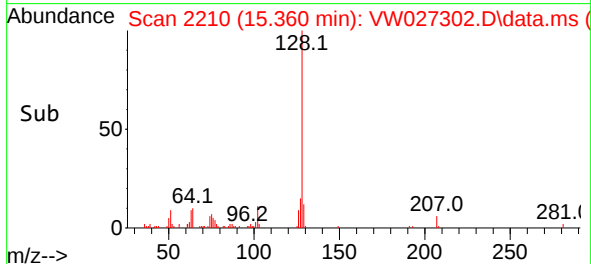
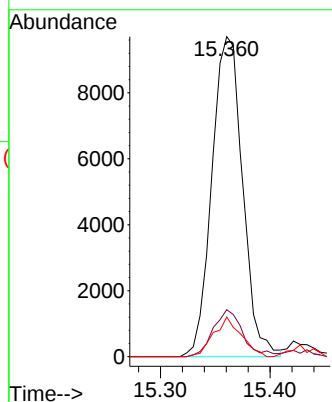
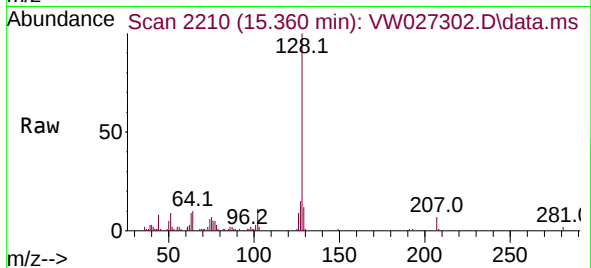
Tgt Ion:128 Resp: 18925

Ion Ratio Lower Upper

128 100

127 14.1 10.0 15.0

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 1.260 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027302.D

Acq: 13 Oct 2023 12:33

Tgt Ion:180 Resp: 7868

Ion Ratio Lower Upper

180 100

182 98.3 81.1 121.7

145 38.6 30.6 45.8

