

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027366.D
 Acq On : 20 Oct 2023 12:09
 Operator : SY/MD
 Sample : 04953-09MS
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAT5MS

Quant Time: Oct 21 04:27:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	493013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	377815	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	143349	19.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.200%		
7) Chloroethane-d5	2.899	69	112204	20.769	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.080%		
11) 1,1-Dichloroethene-d2	4.027	65	66768	17.710	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.840%		
21) 2-Butanone-d5	7.075	46	95351	38.127	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.260%		
24) Chloroform-d	7.648	84	287537	19.568	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.280%		
26) 1,2-Dichloroethane-d4	8.307	65	163176	20.673	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.680%		
32) Benzene-d6	8.276	84	567440	22.199	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	9.276	67	184972	23.691	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.760%		
41) Toluene-d8	10.319	98	446243	19.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.000%		
43) trans-1,3-Dichloroprop...	10.575	79	69441	19.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.040%		
47) 2-Hexanone-d5	10.922	63	74109	45.878	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.760%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130656	22.430	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.720%		
66) 1,2-Dichlorobenzene-d4	13.848	152	78815	17.492	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.960%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	128143	21.845	ug/L	93
3) Chloromethane	2.229	50	170426	25.281	ug/L	97
5) Vinyl chloride	2.381	62	179846	23.883	ug/L	96
6) Bromomethane	2.789	94	93110	21.709	ug/L	94
8) Chloroethane	2.936	64	104479	24.104	ug/L	99
9) Trichlorofluoromethane	3.265	101	123649	23.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	125086	18.803	ug/L	94
12) 1,1-Dichloroethene	4.045	96	134815	20.854	ug/L	98
13) Acetone	4.118	43	125709	58.199	ug/L	98
14) Carbon disulfide	4.399	76	358275	17.877	ug/L	99
15) Methyl Acetate	4.667	43	80831	21.910	ug/L	98
16) Methylene chloride	4.917	84	175077	19.400	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	146096	21.027	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	297951	24.856	ug/L	99
19) 1,1-Dichloroethane	6.222	63	333090	23.498	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	169842	21.646	ug/L	95
22) 2-Butanone	7.173	43	158780	49.111	ug/L	97
23) Bromochloromethane	7.514	128	73547	22.704	ug/L	89
25) Chloroform	7.679	83	303829	22.901	ug/L	96

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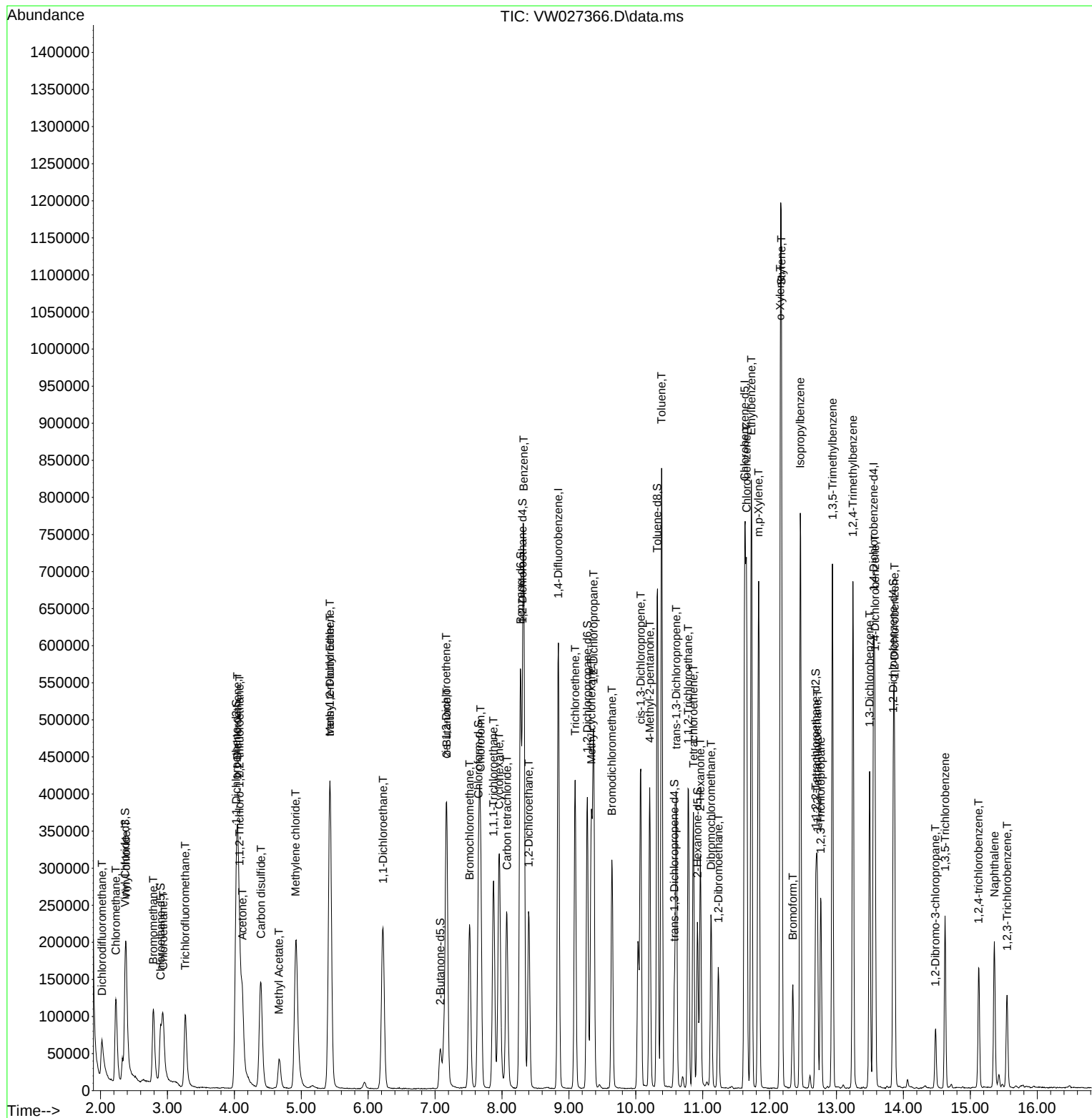
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215828	23.948	ug/L	98
29) Cyclohexane	7.959	56	203041	17.700	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	230969	25.061	ug/L	99
31) Carbon tetrachloride	8.075	117	181303	21.817	ug/L	99
33) Benzene	8.325	78	643943	26.079	ug/L	100
34) Trichloroethene	9.093	95	147396	22.599	ug/L	94
35) Methylcyclohexane	9.337	83	142789	12.242	ug/L	97
37) 1,2-Dichloropropane	9.367	63	183854	27.538	ug/L	99
38) Bromodichloromethane	9.642	83	209256	25.490	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	253981	23.030	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	274798	59.851	ug/L	98
42) Toluene	10.386	91	596036	23.011	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	213207	22.912	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	124648	27.132	ug/L	94
46) Tetrachloroethene	10.861	164	76814	17.056	ug/L	86
48) 2-Hexanone	10.965	43	205279	60.407	ug/L	99
49) Dibromochloromethane	11.123	129	120017	23.523	ug/L	95
50) 1,2-Dibromoethane	11.233	107	111780	25.095	ug/L	98
51) Chlorobenzene	11.654	112	332228	20.482	ug/L	99
52) Ethylbenzene	11.727	91	585976	19.468	ug/L	98
53) m,p-Xylene	11.837	106	212555	18.618	ug/L	98
54) o-Xylene	12.160	106	212493	19.437	ug/L	97
55) Styrene	12.178	104	354827	19.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	140609	25.071	ug/L	97
59) Bromoform	12.349	173	60296	32.589	ug/L	97
60) Isopropylbenzene	12.458	105	498266	25.509	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	109198	40.221	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	366818	22.513	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	363927	22.828	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	163847	20.685	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	162175	20.502	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	151361	21.534	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	21886	32.255	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	63759	12.399	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	47951	10.956	ug/L	96
71) Naphthalene	15.360	128	159401	17.711	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	38592	10.723	ug/L	90

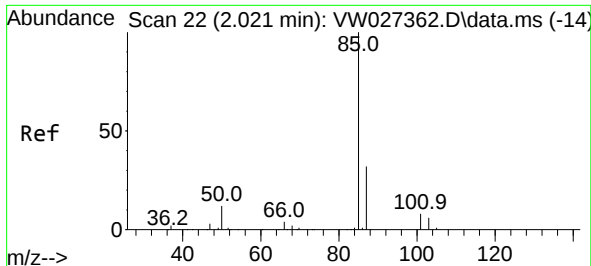
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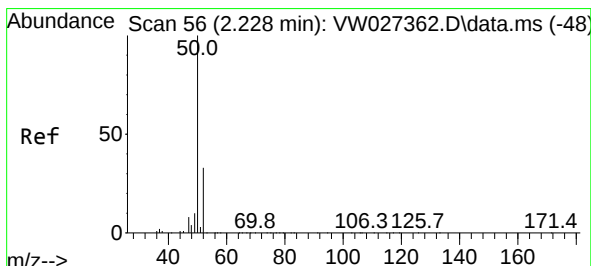
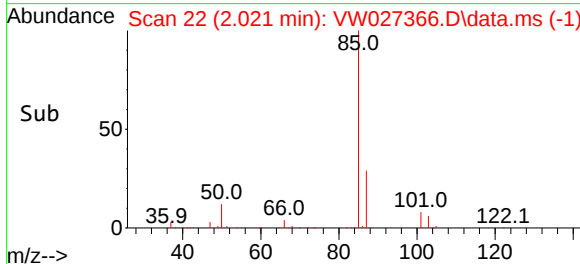
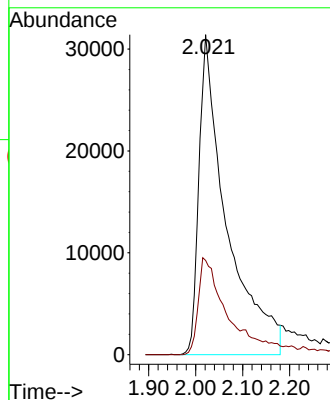
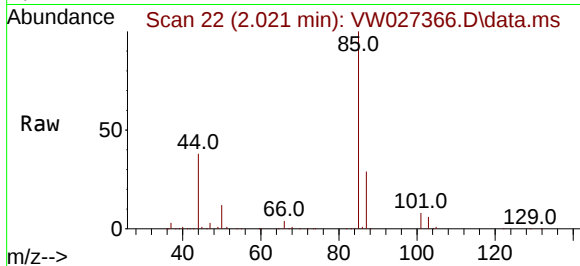




#2
 Dichlorodifluoromethane
 Concen: 21.845 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

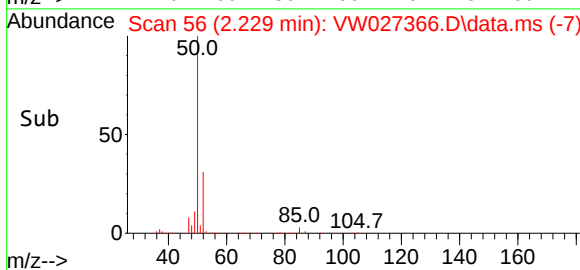
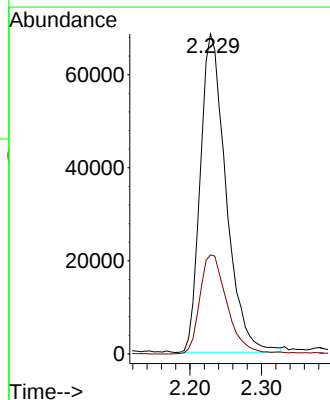
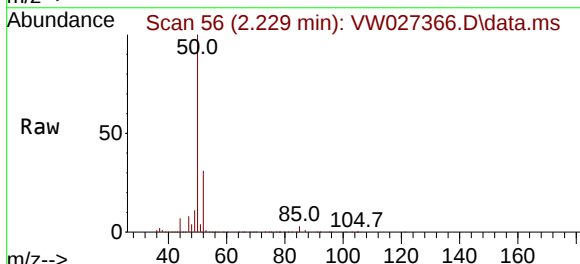
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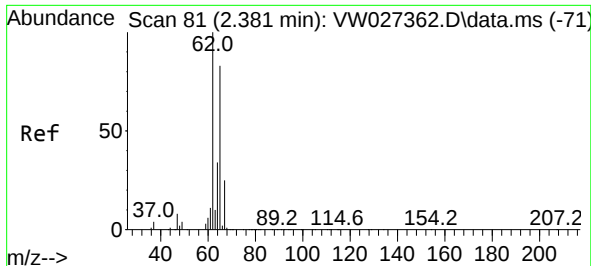
Tgt Ion: 85 Resp: 128143
 Ion Ratio Lower Upper
 85 100
 87 26.2 18.3 27.5



#3
 Chloromethane
 Concen: 25.281 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

Tgt Ion: 50 Resp: 170426
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.7 42.3

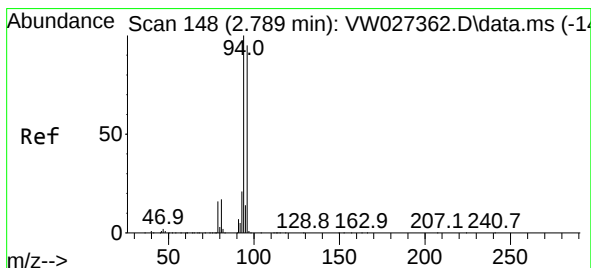
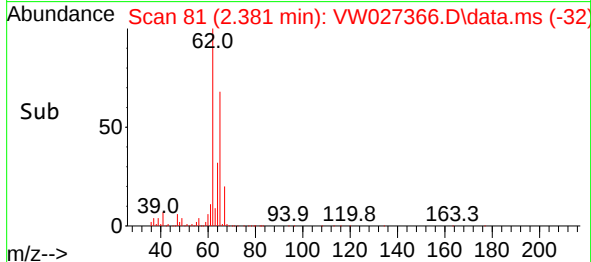
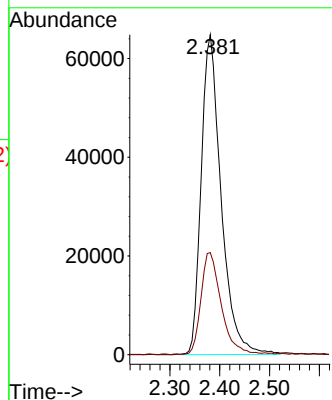
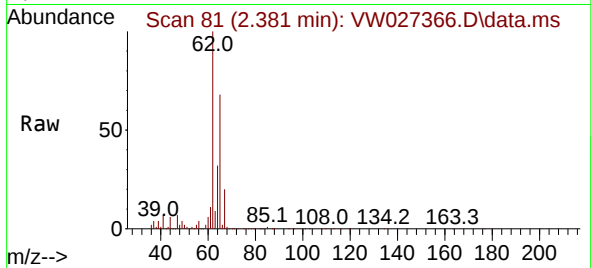




#5
 Vinyl chloride
 Concen: 23.883 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

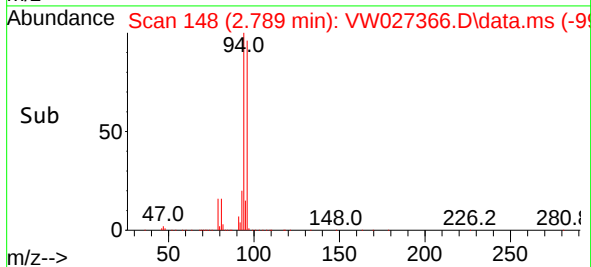
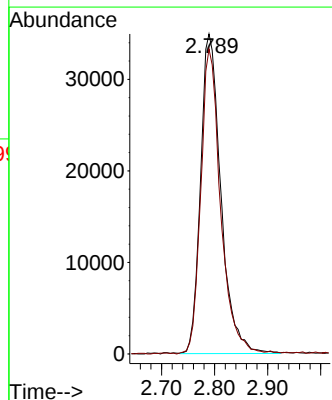
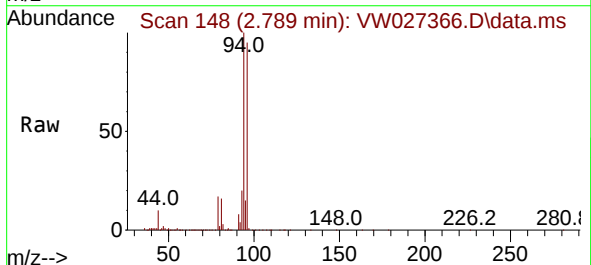
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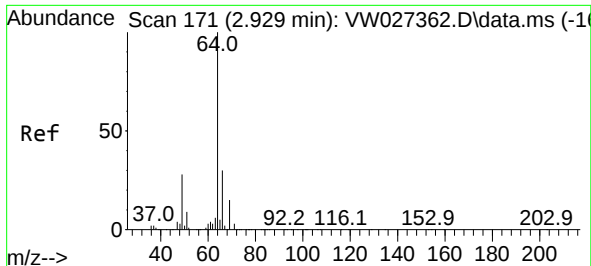
Tgt Ion: 62 Resp: 179846
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.8 44.2



#6
 Bromomethane
 Concen: 21.709 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

Tgt Ion: 94 Resp: 93110
 Ion Ratio Lower Upper
 94 100
 96 95.3 62.9 116.9

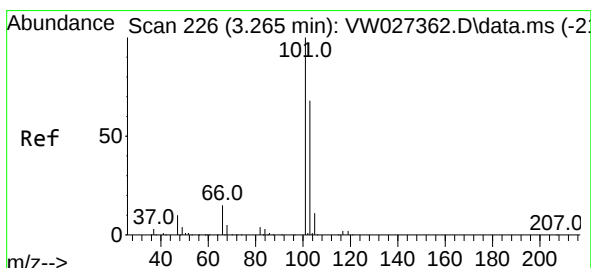
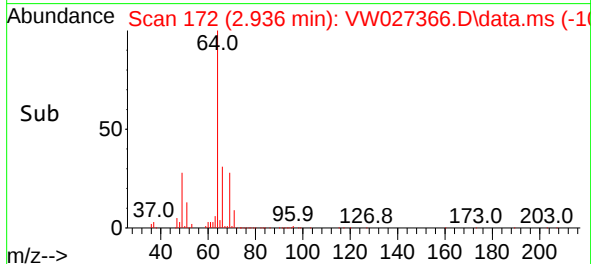
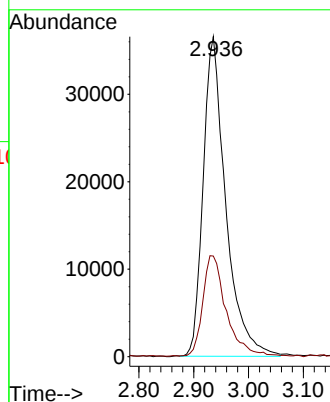
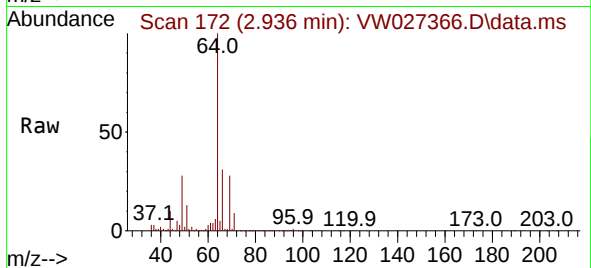




#8
Chloroethane
Concen: 24.104 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

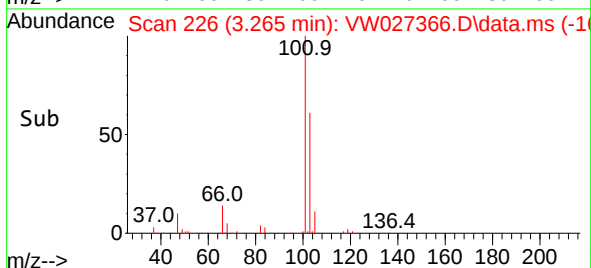
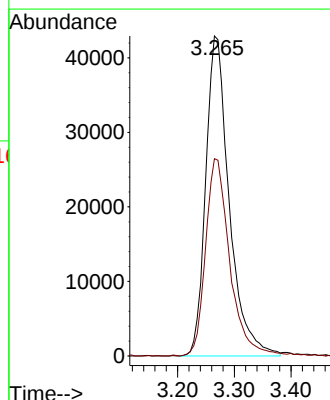
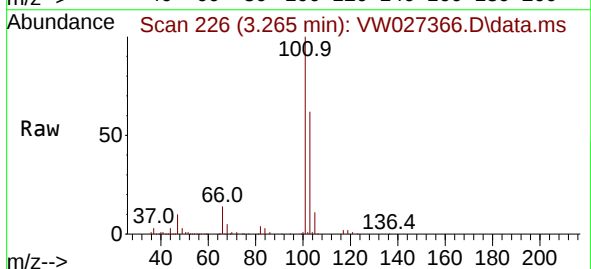
Instrument :
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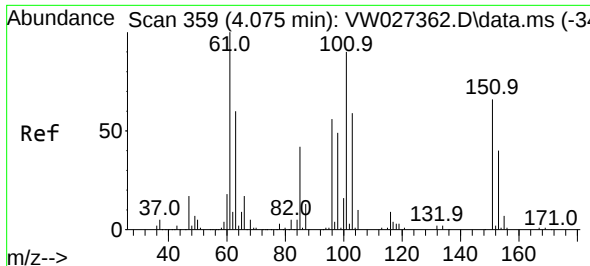
Tgt Ion: 64 Resp: 104479
Ion Ratio Lower Upper
64 100
66 31.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.275 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 101 Resp: 123649
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

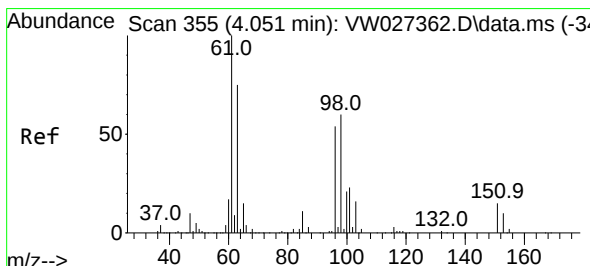
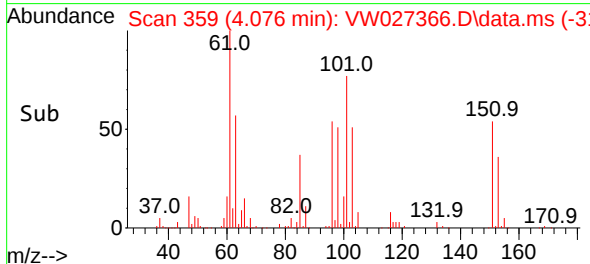
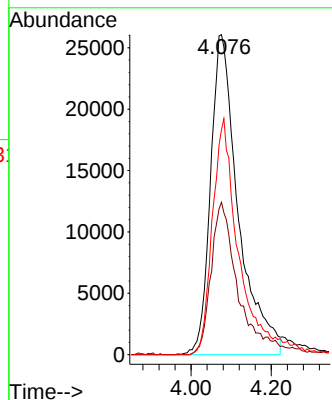
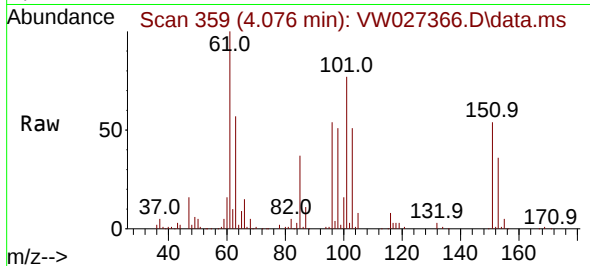




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.803 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027366.D
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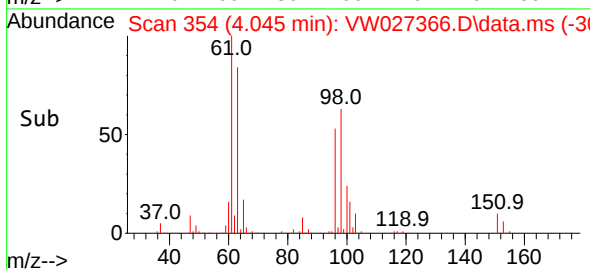
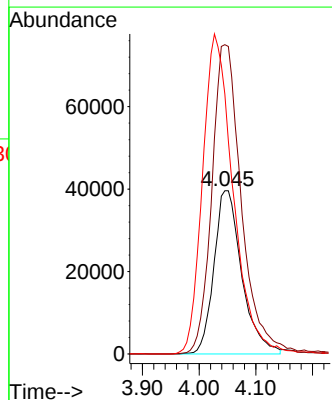
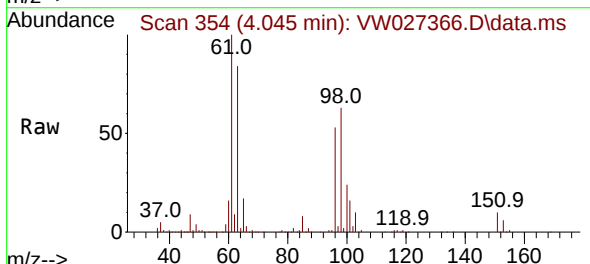
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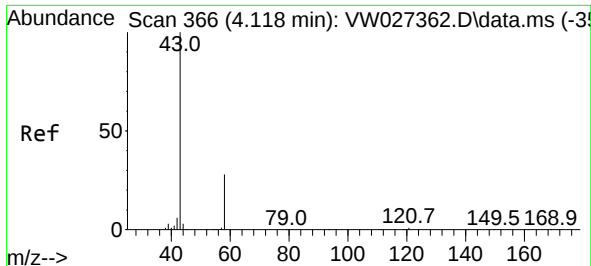
Tgt Ion:101 Resp: 125086
 Ion Ratio Lower Upper
 101 100
 85 40.3 34.1 51.1
 151 67.2 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 20.854 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

Tgt Ion: 96 Resp: 134815
 Ion Ratio Lower Upper
 96 100
 61 189.6 133.3 247.5
 63 159.4 115.8 215.2

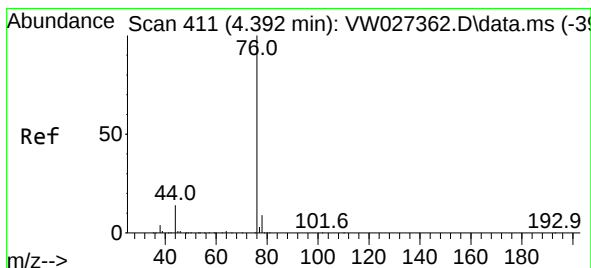
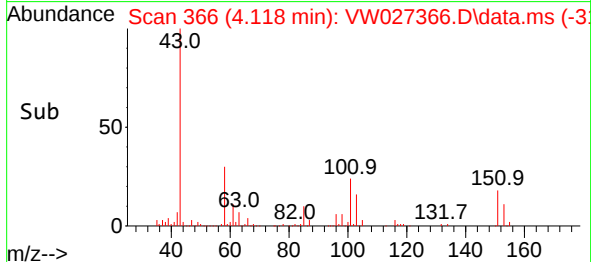
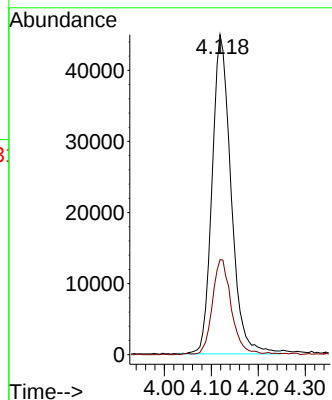
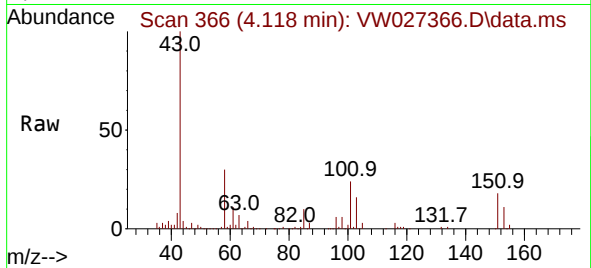




#13
Acetone
Concen: 58.199 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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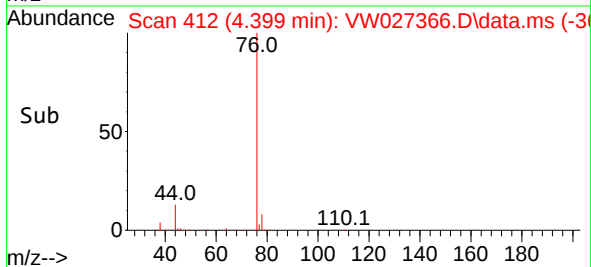
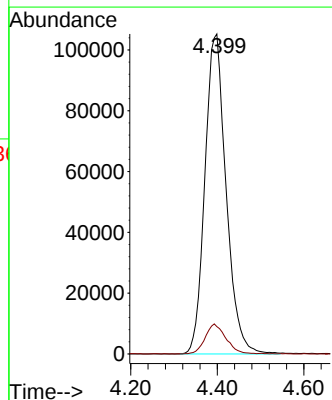
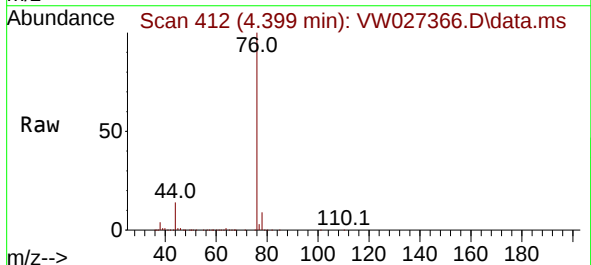
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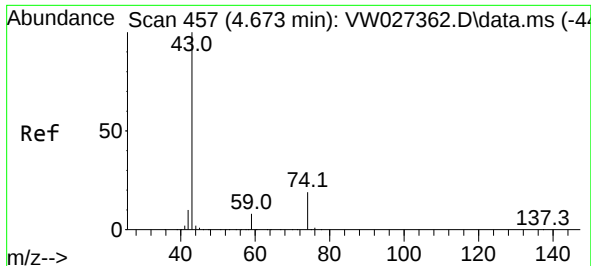
Tgt Ion: 43 Resp: 125709
Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.8



#14
Carbon disulfide
Concen: 17.877 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 76 Resp: 358275
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

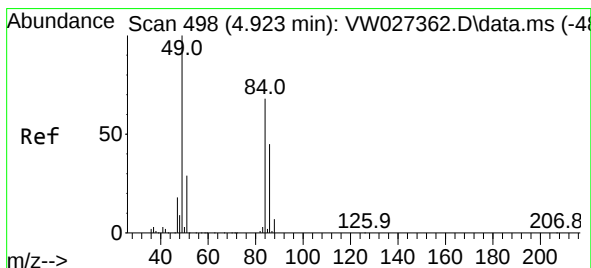
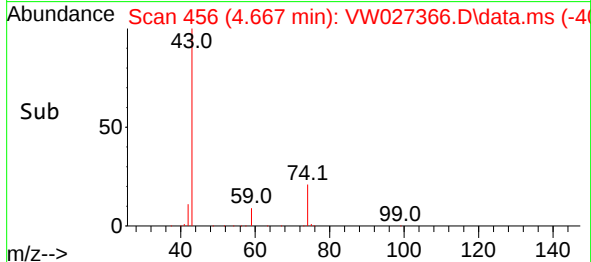
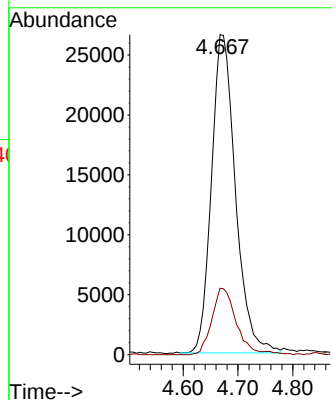
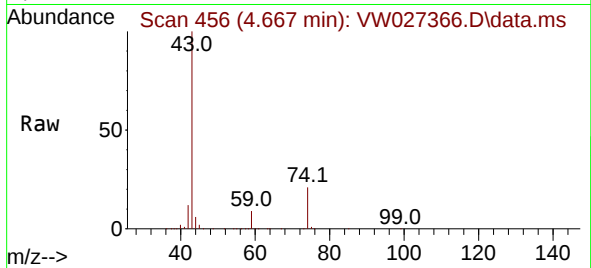




#15
Methyl Acetate
Concen: 21.910 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

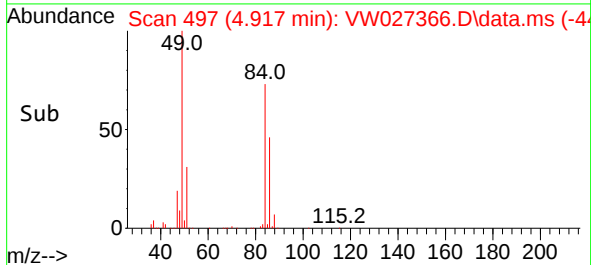
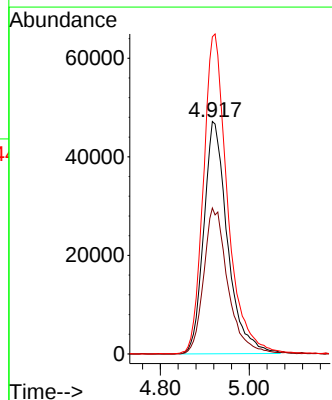
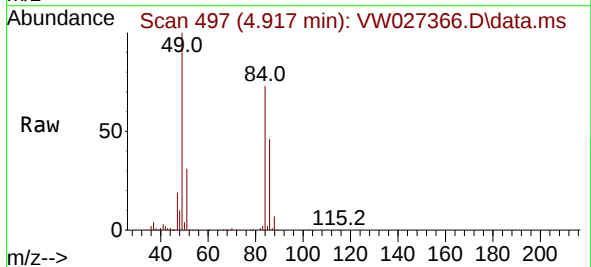
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

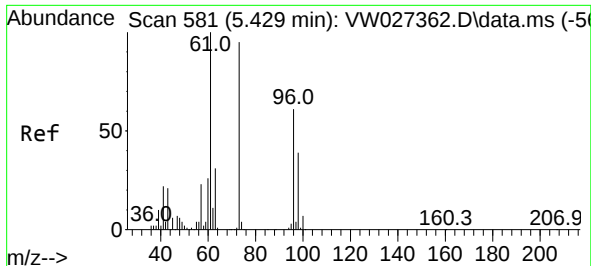
Tgt Ion: 43 Resp: 80831
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3



#16
Methylene chloride
Concen: 19.400 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 84 Resp: 175077
Ion Ratio Lower Upper
84 100
86 62.8 41.3 76.7
49 136.5 92.8 172.4

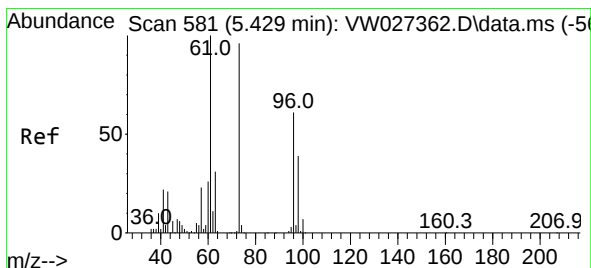
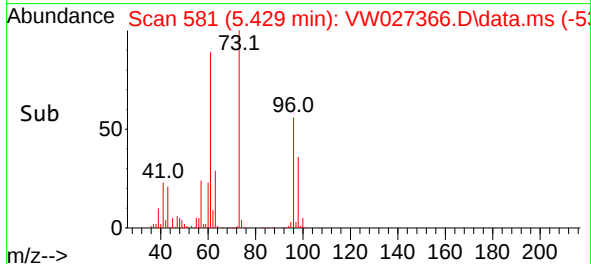
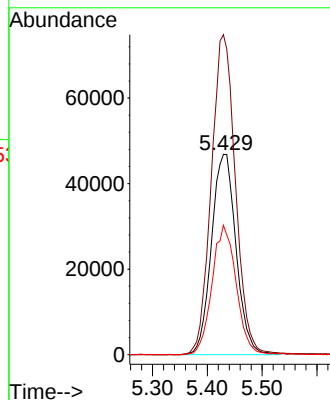
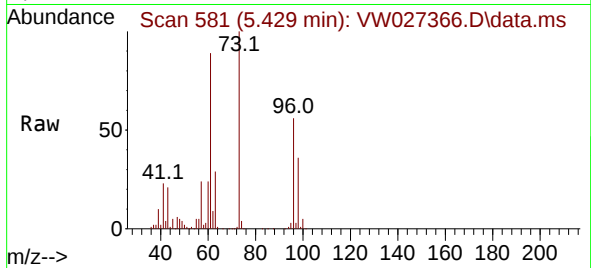




#17
trans-1,2-Dichloroethene
Concen: 21.027 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

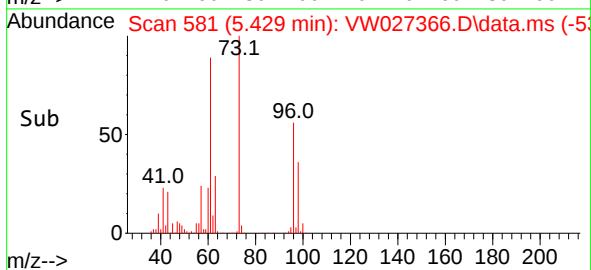
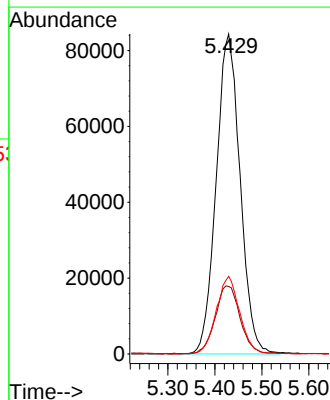
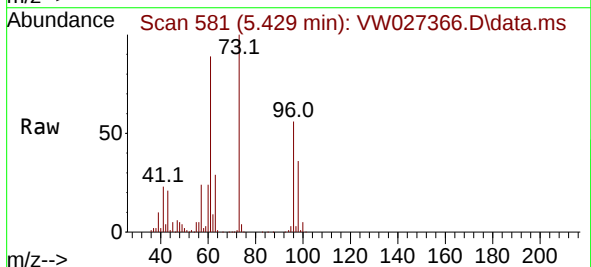
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

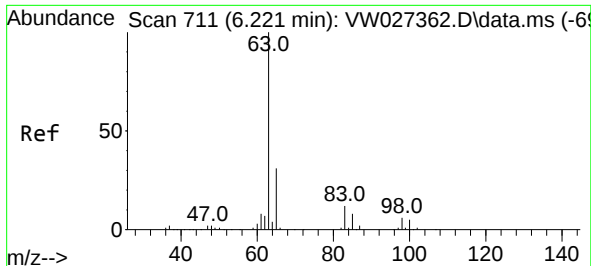
Tgt Ion: 96 Resp: 146096
Ion Ratio Lower Upper
96 100
61 159.8 105.6 196.0
98 64.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 24.856 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 73 Resp: 297951
Ion Ratio Lower Upper
73 100
43 21.8 17.7 26.5
57 23.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 23.498 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

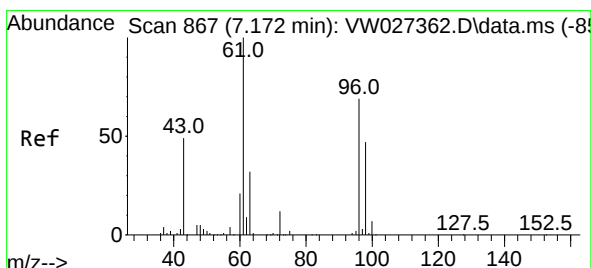
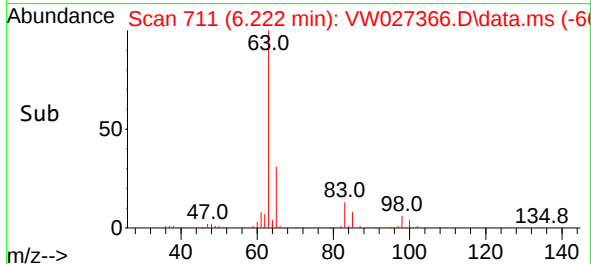
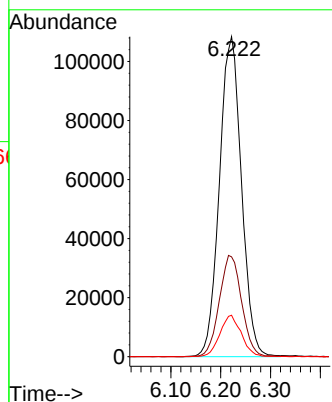
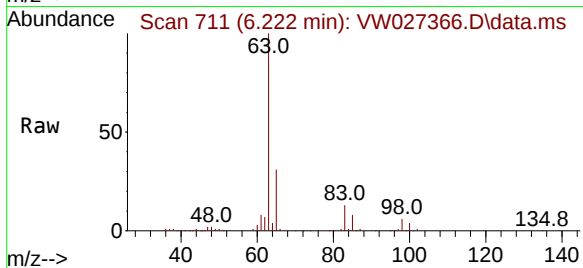
Tgt Ion: 63 Resp: 333090

Ion Ratio Lower Upper

63 100

65 31.2 22.9 42.5

83 12.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 21.646 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

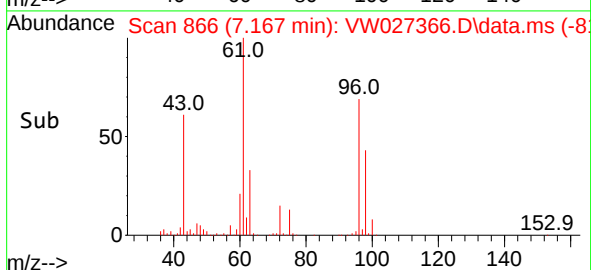
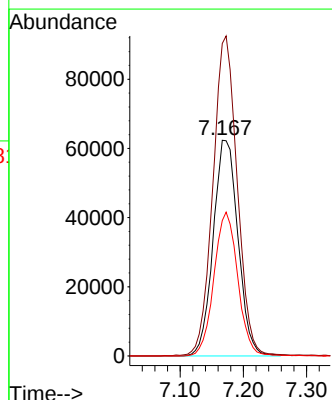
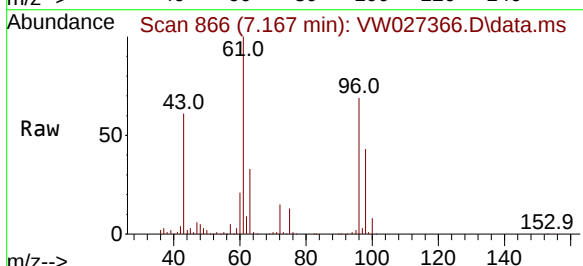
Tgt Ion: 96 Resp: 169842

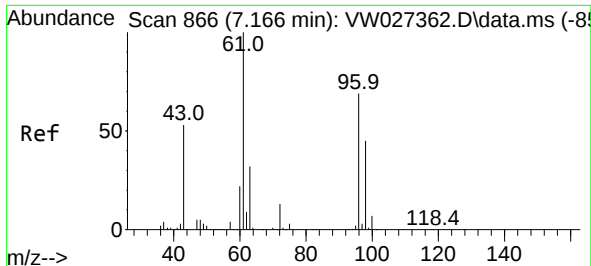
Ion Ratio Lower Upper

96 100

61 144.9 96.2 178.8

98 62.8 46.0 85.4

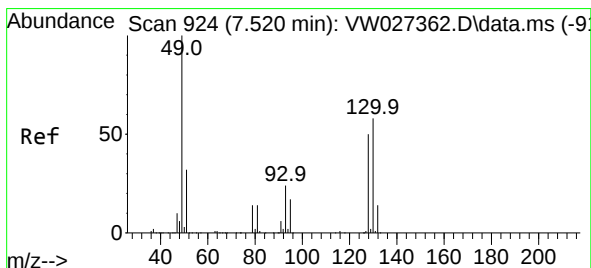
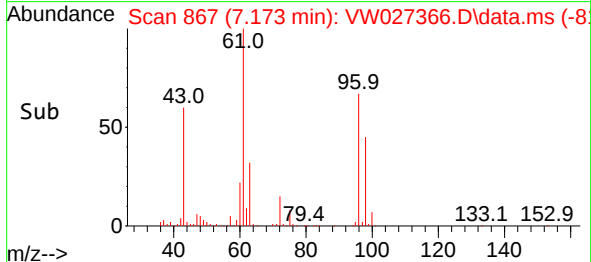
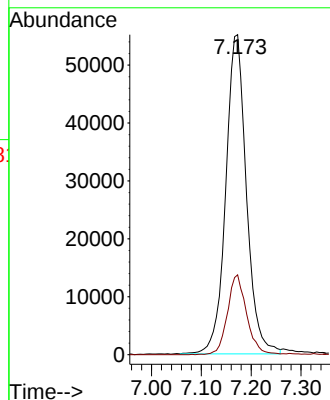
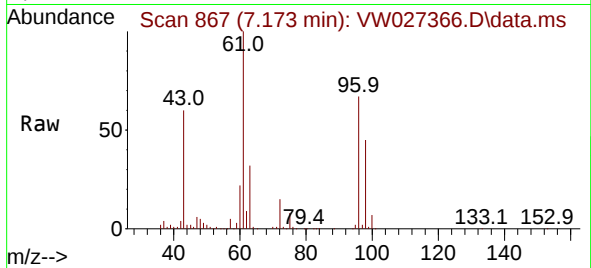




#22
2-Butanone
Concen: 49.111 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

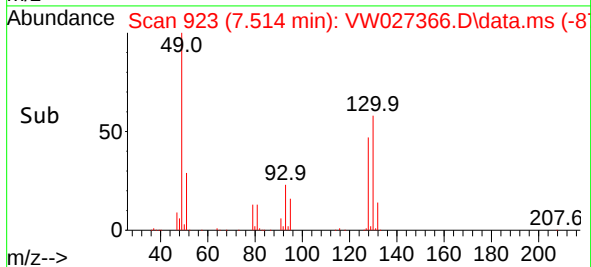
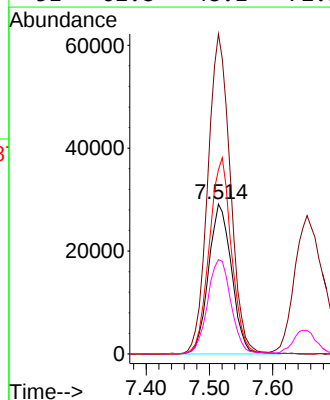
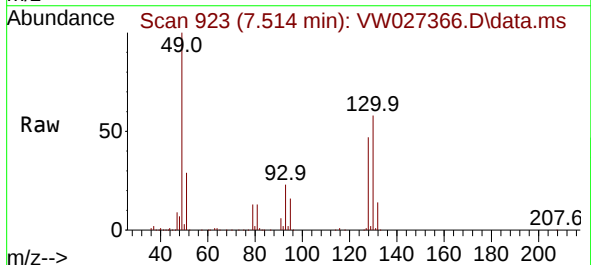
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

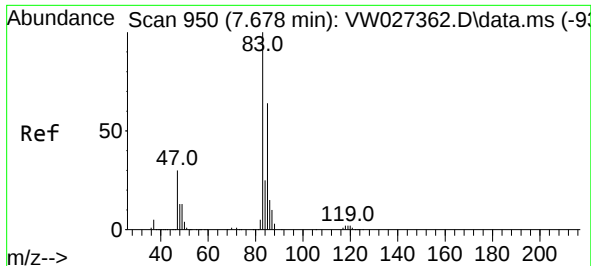
Tgt Ion: 43 Resp: 158780
Ion Ratio Lower Upper
43 100
72 23.1 12.3 36.8



#23
Bromochloromethane
Concen: 22.704 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion:128 Resp: 73547
Ion Ratio Lower Upper
128 100
49 213.4 128.9 239.5
130 122.9 85.0 157.8
51 62.8 48.1 72.1

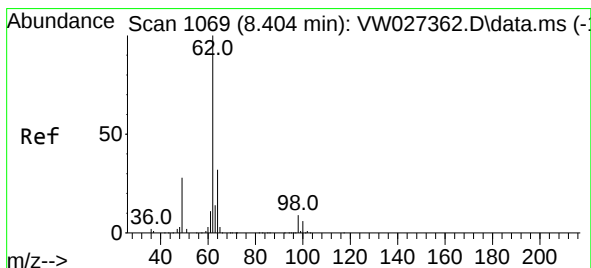
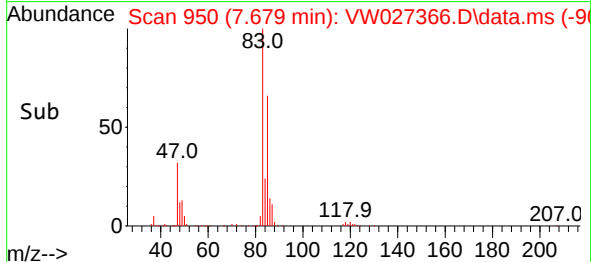
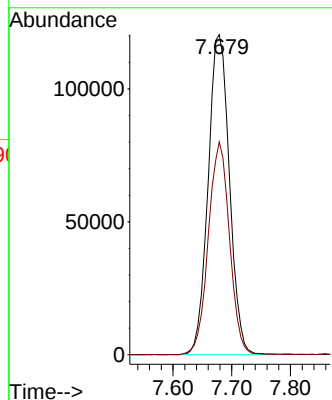
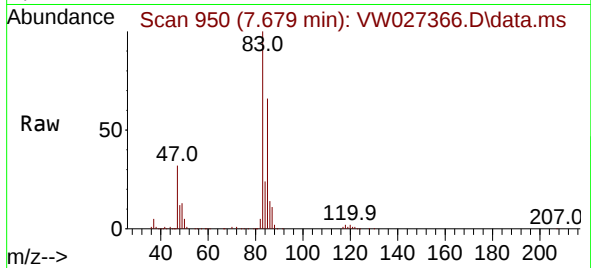




#25
Chloroform
Concen: 22.901 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

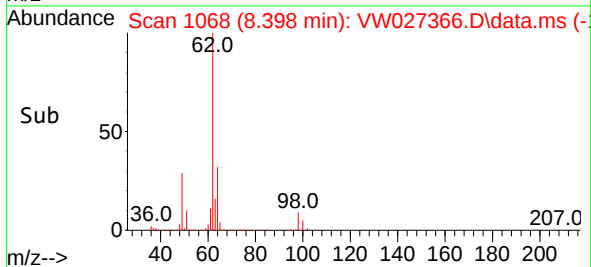
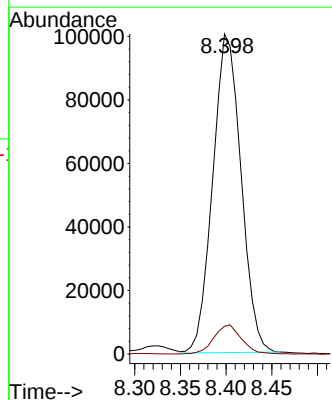
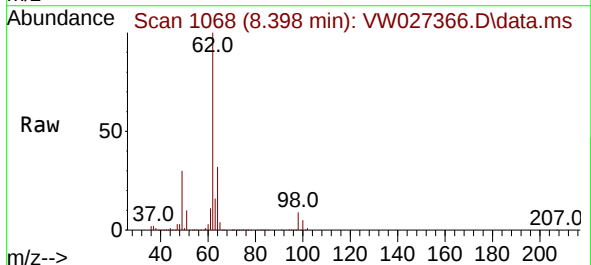
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

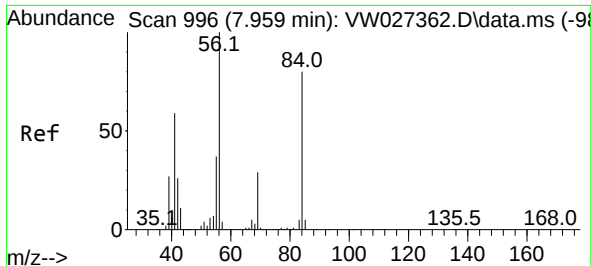
Tgt Ion: 83 Resp: 303829
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.948 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 62 Resp: 215828
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3





#29

Cyclohexane

Concen: 17.700 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

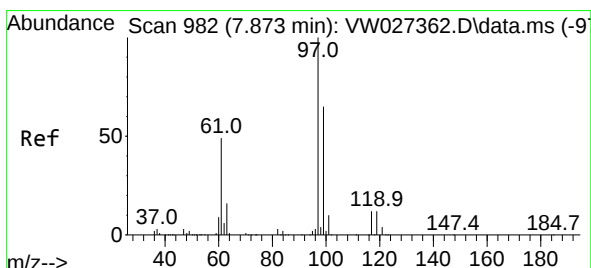
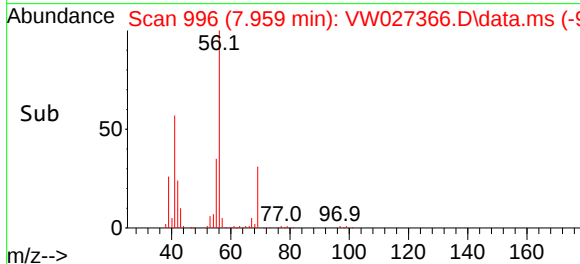
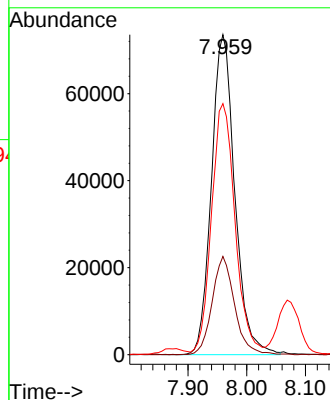
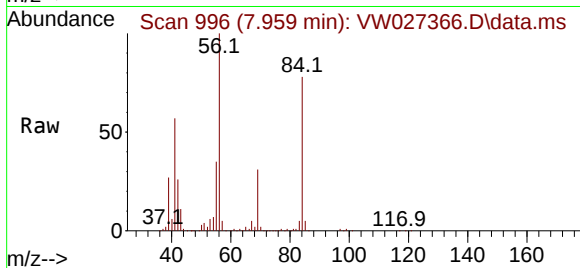
Tgt Ion: 56 Resp: 203041

Ion Ratio Lower Upper

56 100

69 28.9 24.2 36.4

84 79.3 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 25.061 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

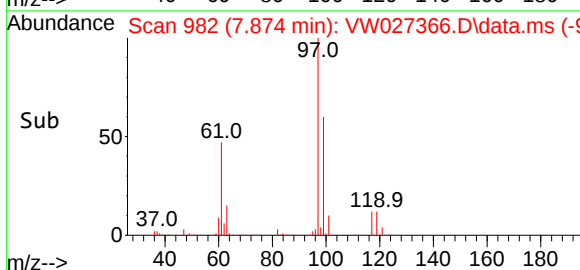
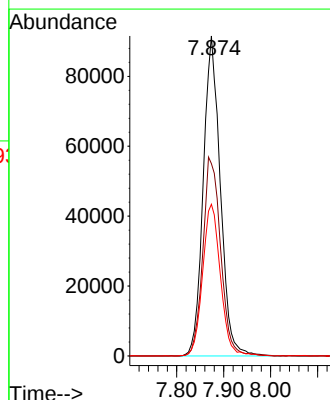
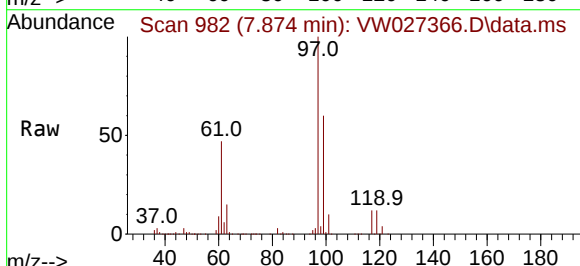
Tgt Ion: 97 Resp: 230969

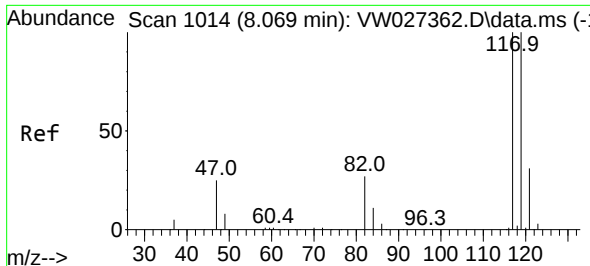
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 48.2 37.4 56.0

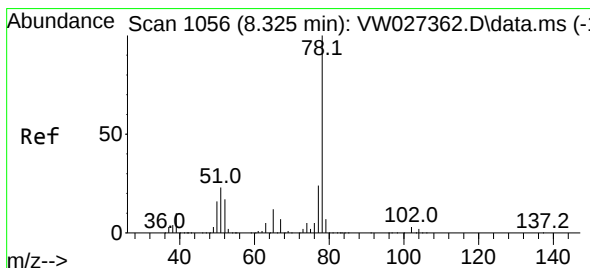
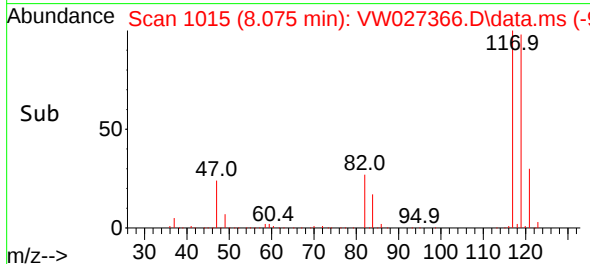
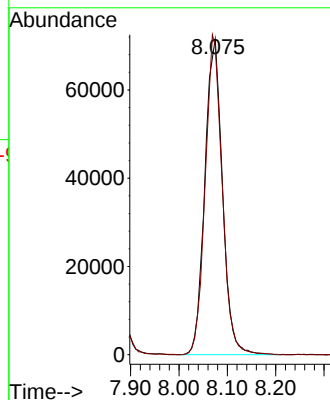
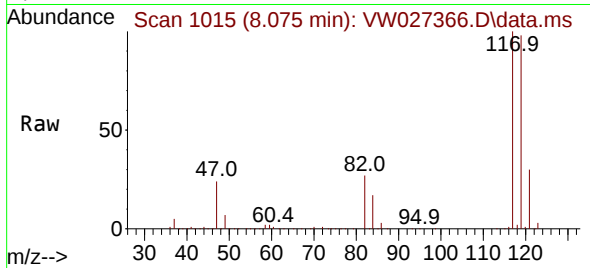




#31
Carbon tetrachloride
Concen: 21.817 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

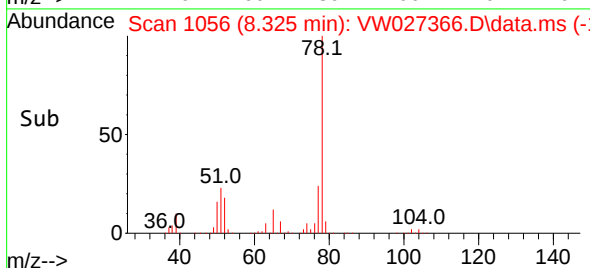
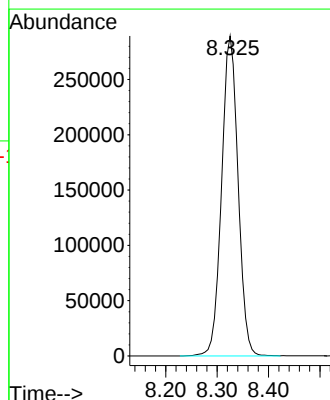
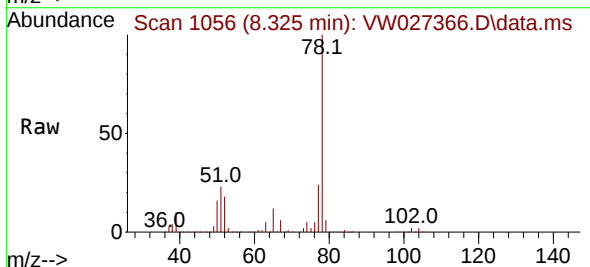
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

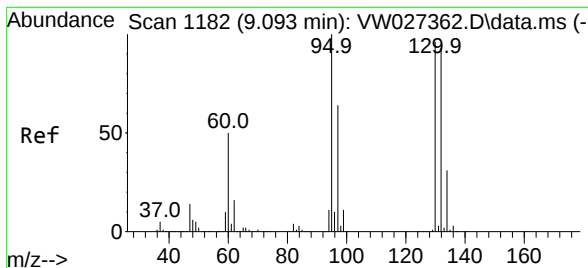
Tgt Ion:117 Resp: 181303
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7



#33
Benzene
Concen: 26.079 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 78 Resp: 643943





#34

Trichloroethene

Concen: 22.599 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

Tgt Ion: 95 Resp: 147396

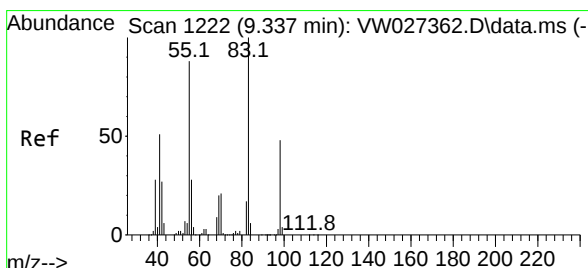
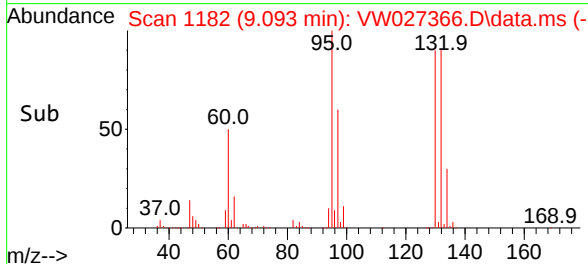
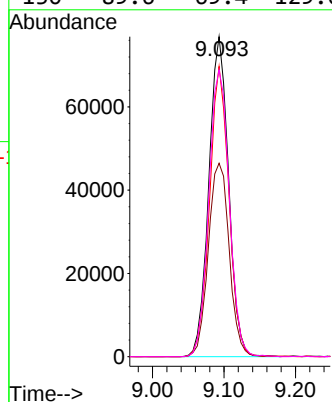
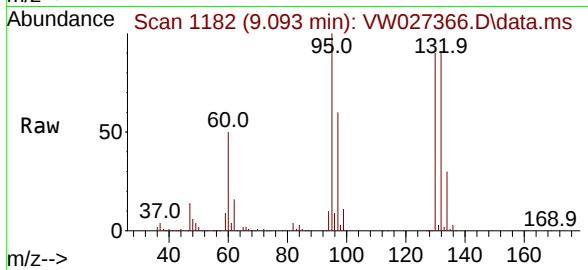
Ion Ratio Lower Upper

95 100

97 60.4 43.4 80.6

132 90.7 67.6 125.6

130 89.6 69.4 129.0



#35

Methylcyclohexane

Concen: 12.242 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

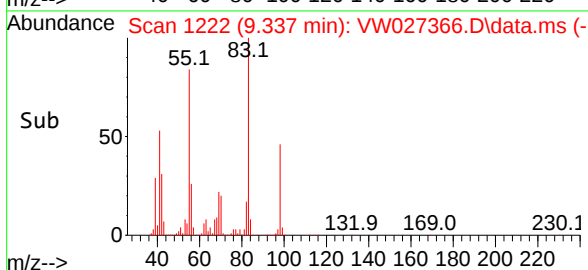
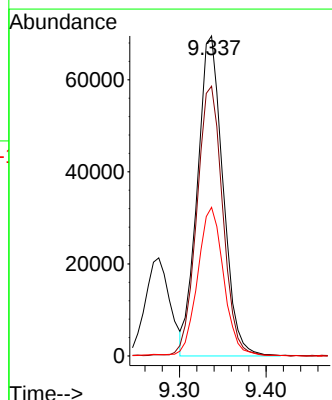
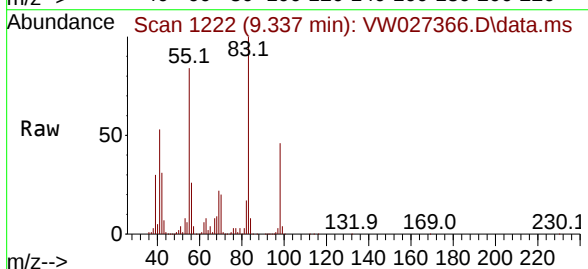
Tgt Ion: 83 Resp: 142789

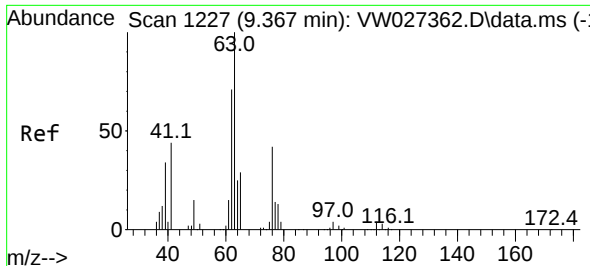
Ion Ratio Lower Upper

83 100

55 85.4 65.8 98.8

98 47.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.538 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

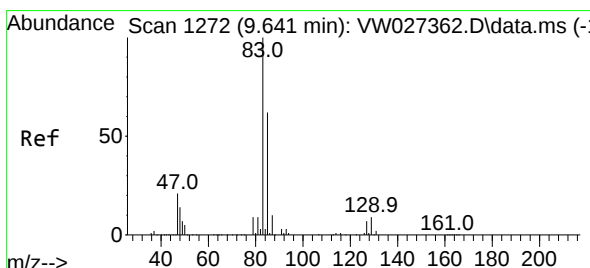
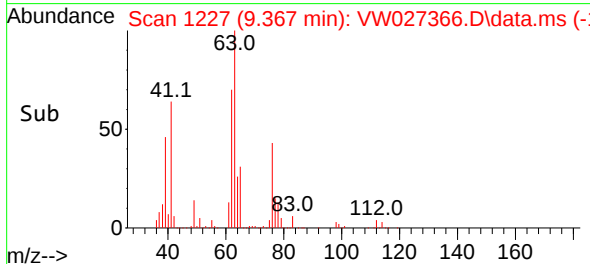
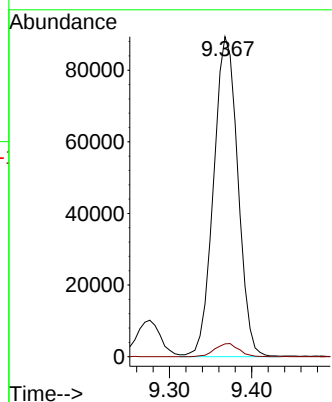
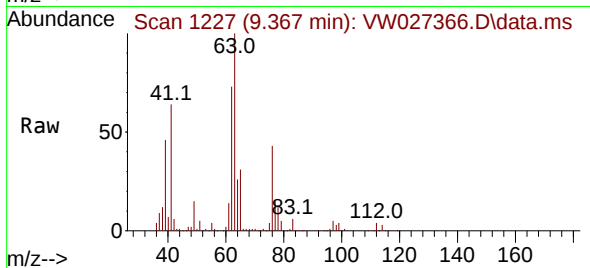
EOAT5MS

Tgt Ion: 63 Resp: 183854

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 25.490 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

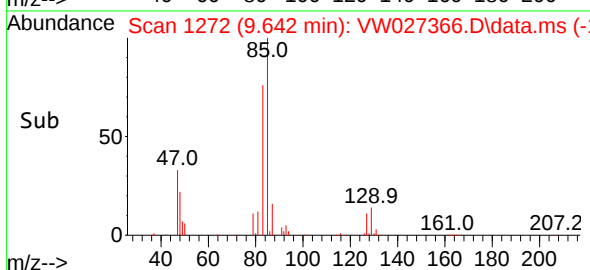
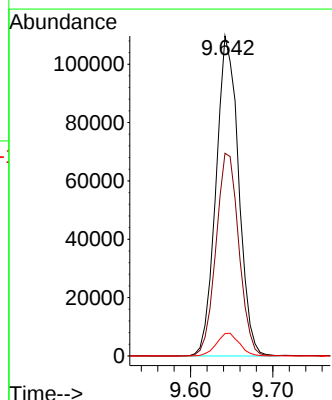
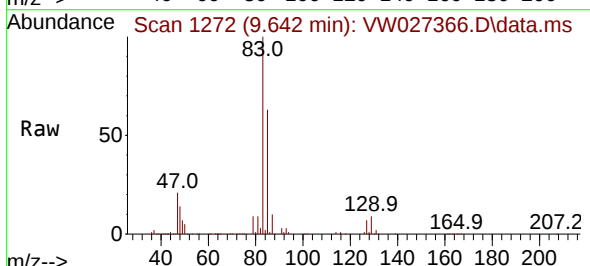
Tgt Ion: 83 Resp: 209256

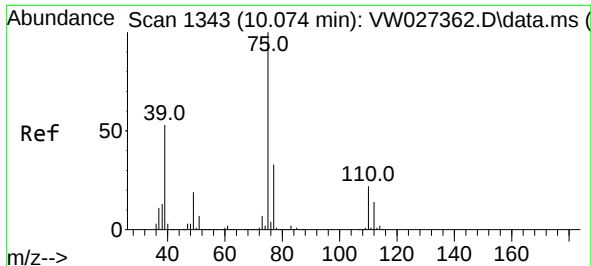
Ion Ratio Lower Upper

83 100

85 63.3 43.9 81.5

127 7.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.030 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

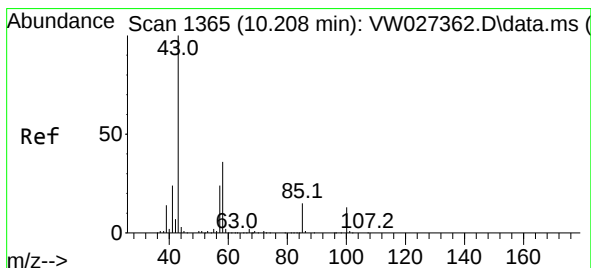
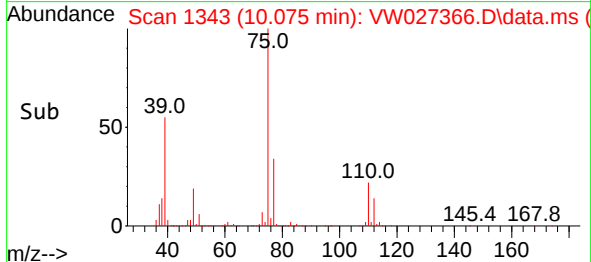
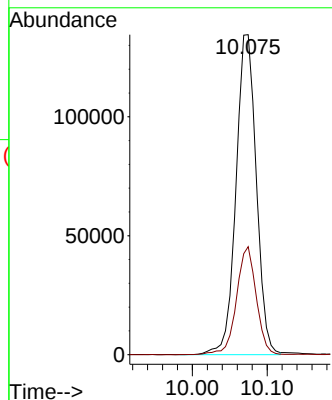
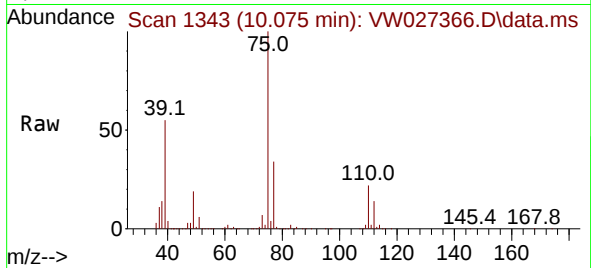
EOAT5MS

Tgt Ion: 75 Resp: 253981

Ion Ratio Lower Upper

75 100

77 33.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 59.851 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

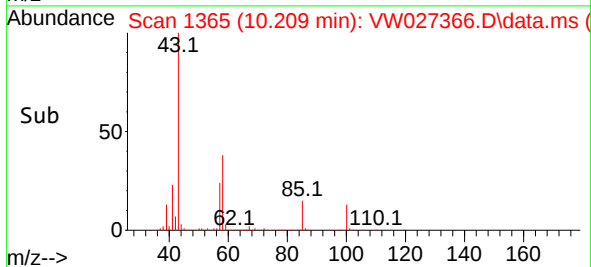
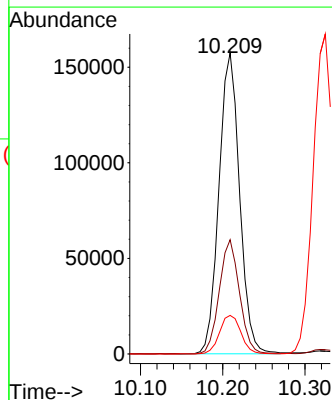
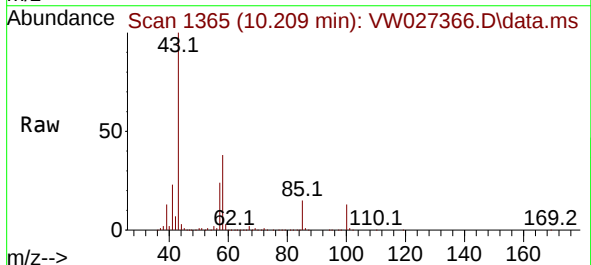
Tgt Ion: 43 Resp: 274798

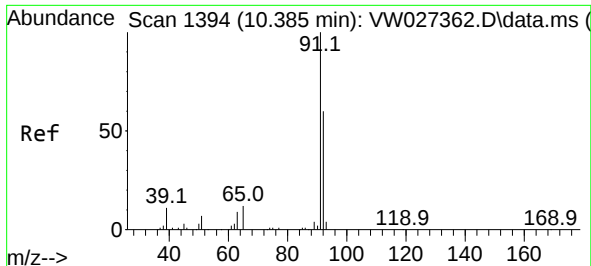
Ion Ratio Lower Upper

43 100

58 37.4 30.5 45.7

100 13.3 11.5 17.3

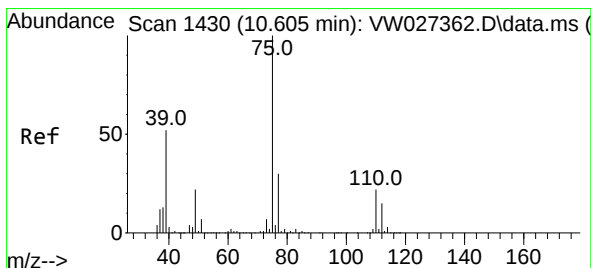
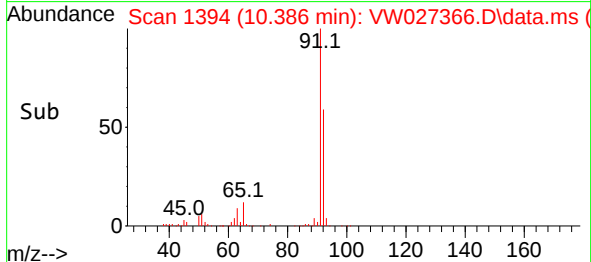
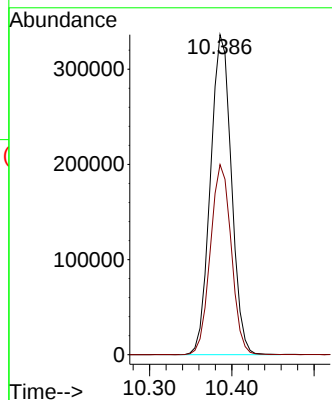
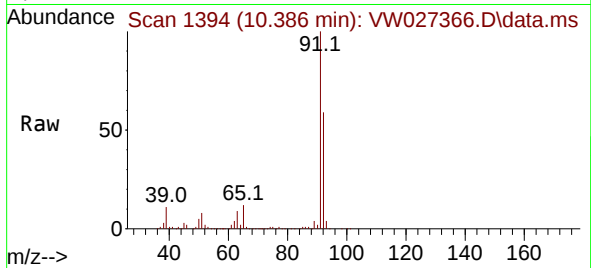




#42
Toluene
Concen: 23.011 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

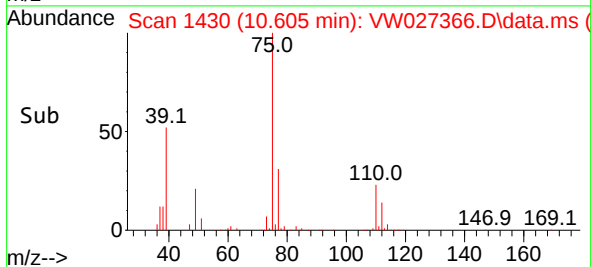
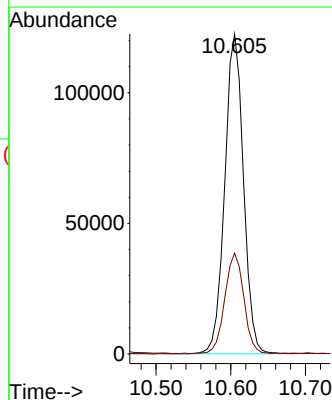
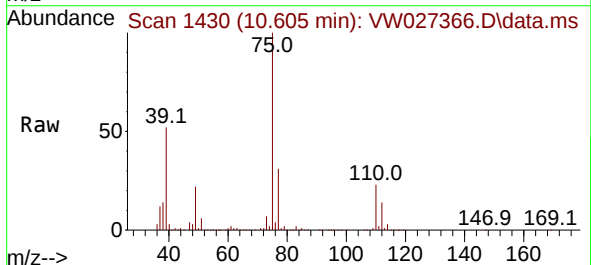
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

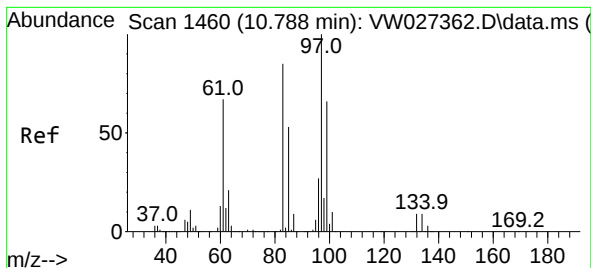
Tgt Ion: 91 Resp: 596036
Ion Ratio Lower Upper
91 100
92 59.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 22.912 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 75 Resp: 213207
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.132 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

Tgt Ion: 97 Resp: 124648

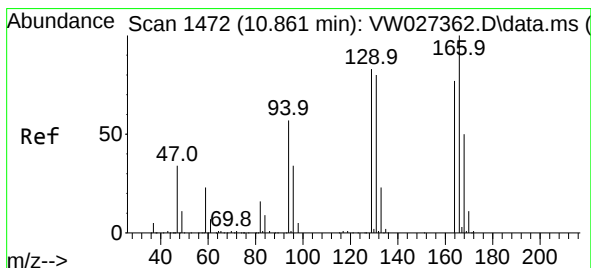
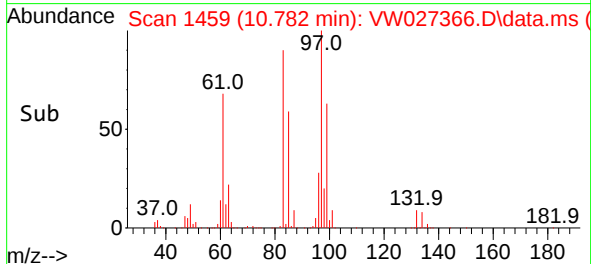
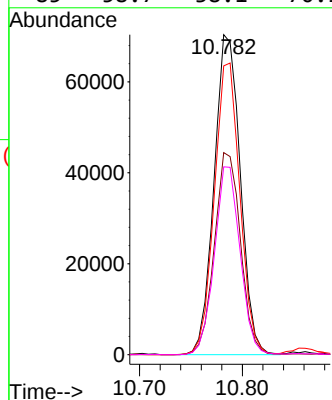
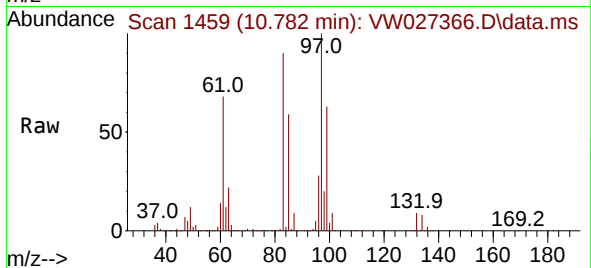
Ion Ratio Lower Upper

97 100

99 63.2 43.8 81.4

83 90.2 57.5 106.7

85 58.7 38.1 70.9



#46

Tetrachloroethene

Concen: 17.056 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Tgt Ion:164 Resp: 76814

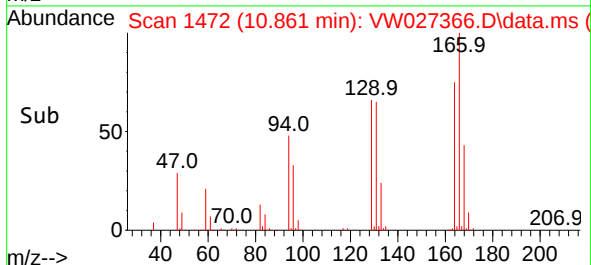
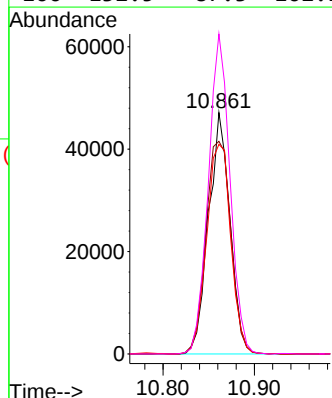
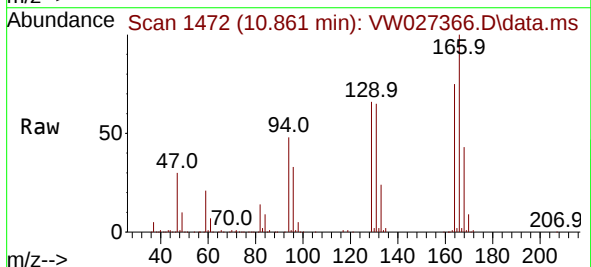
Ion Ratio Lower Upper

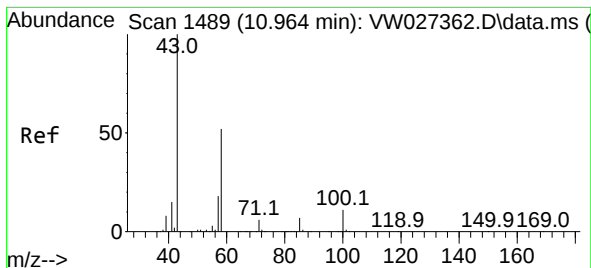
164 100

129 88.1 74.7 138.7

131 86.8 73.2 136.0

166 132.5 87.3 162.1





#48

2-Hexanone

Concen: 60.407 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

Tgt Ion: 43 Resp: 205279

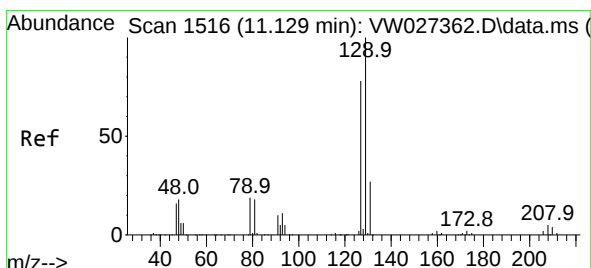
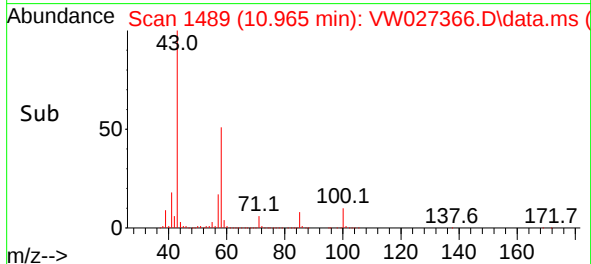
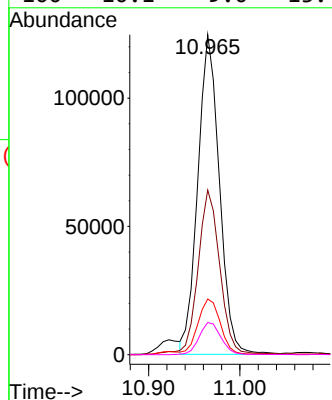
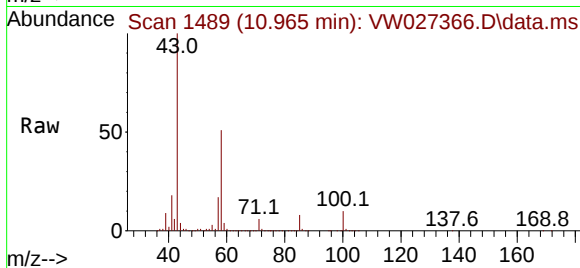
Ion Ratio Lower Upper

43 100

58 52.5 42.2 63.4

57 18.1 15.1 22.7

100 10.1 9.0 13.4



#49

Dibromochloromethane

Concen: 23.523 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027366.D

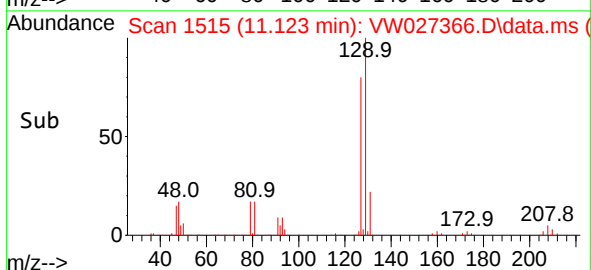
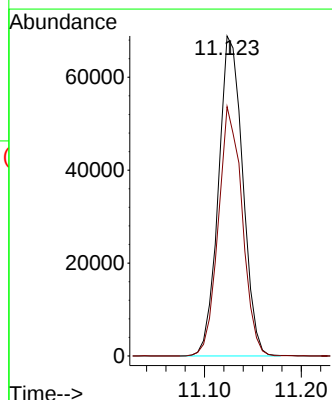
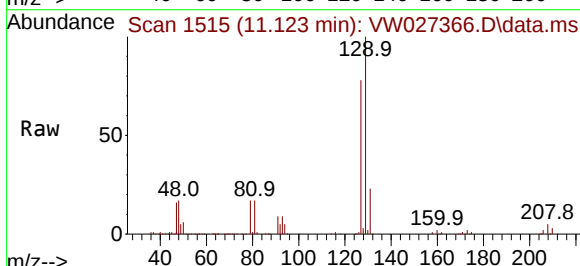
Acq: 20 Oct 2023 12:09

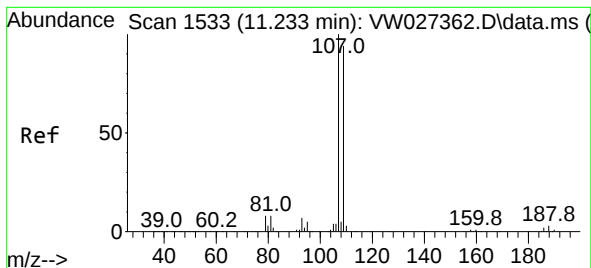
Tgt Ion: 129 Resp: 120017

Ion Ratio Lower Upper

129 100

127 77.9 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.095 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

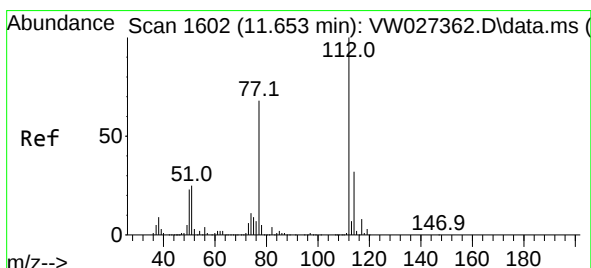
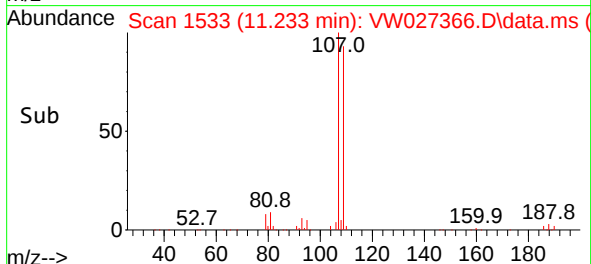
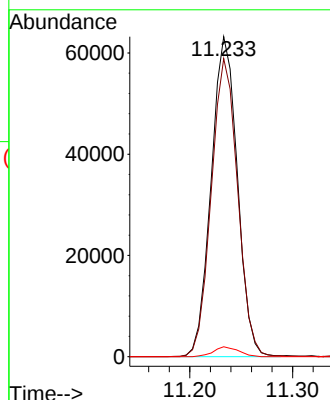
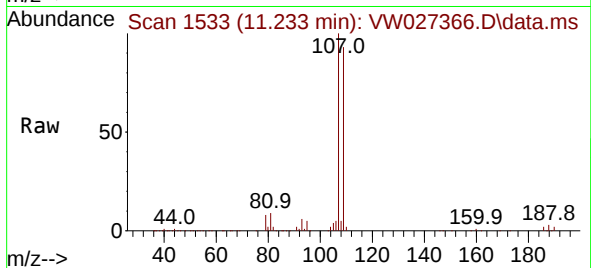
Tgt Ion:107 Resp: 111780

Ion Ratio Lower Upper

107 100

109 93.1 66.3 123.1

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 20.482 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

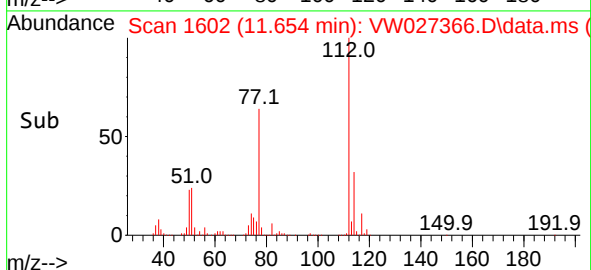
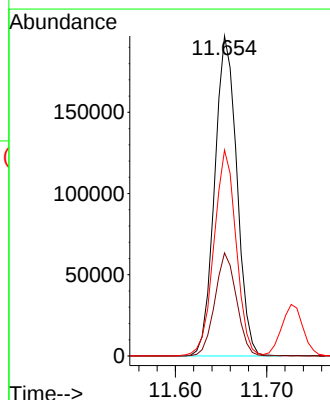
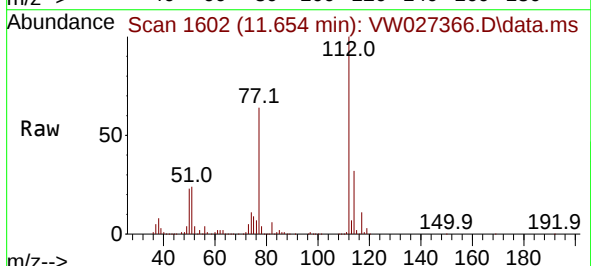
Tgt Ion:112 Resp: 332228

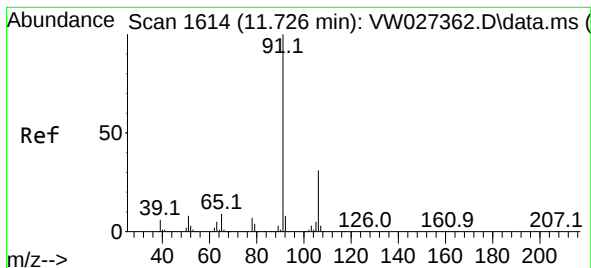
Ion Ratio Lower Upper

112 100

114 32.2 21.8 40.6

77 64.4 52.2 78.4

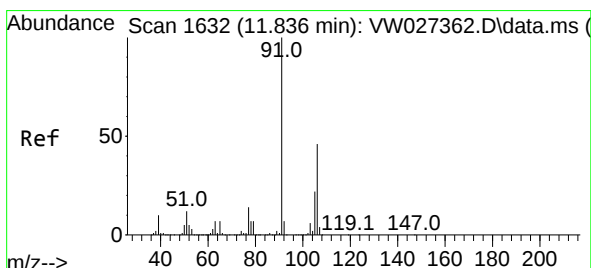
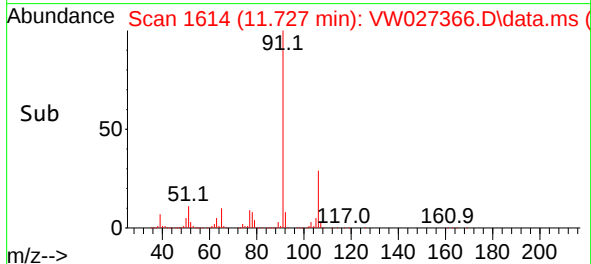
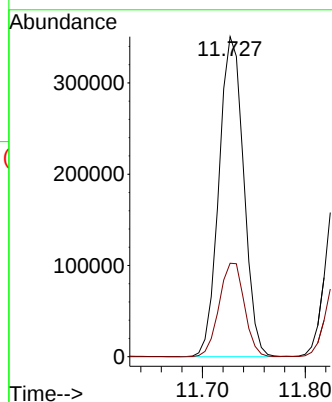
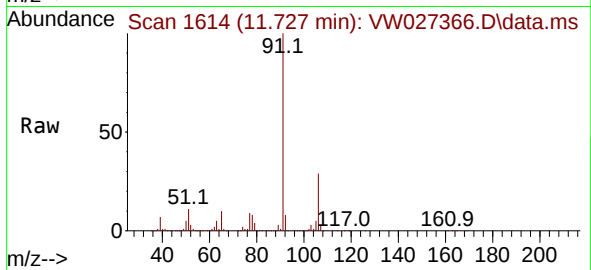




#52
Ethylbenzene
Concen: 19.468 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

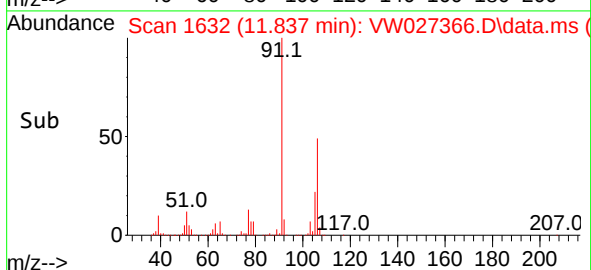
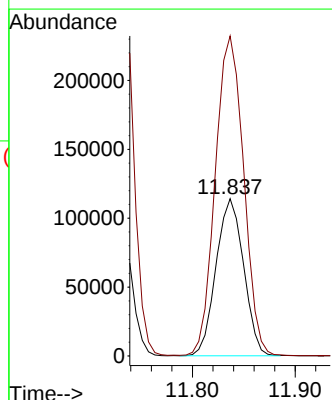
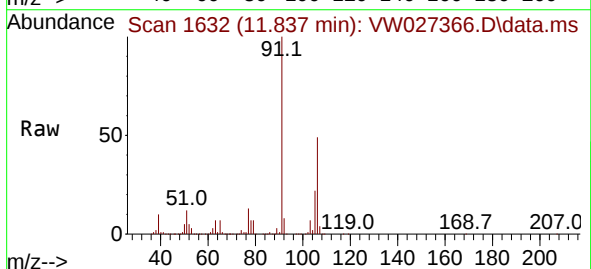
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

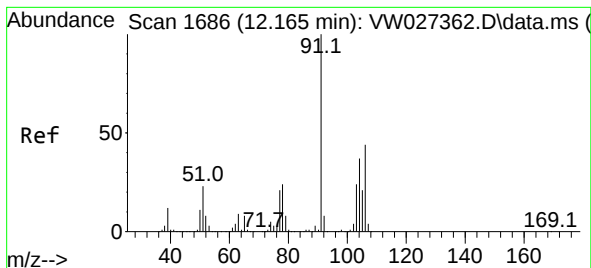
Tgt Ion: 91 Resp: 585976
Ion Ratio Lower Upper
91 100
106 29.2 19.8 36.8



#53
m,p-Xylene
Concen: 18.618 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion:106 Resp: 212555
Ion Ratio Lower Upper
106 100
91 203.5 144.5 268.4





#54

o-Xylene

Concen: 19.437 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

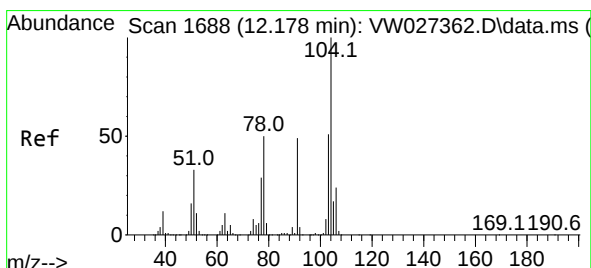
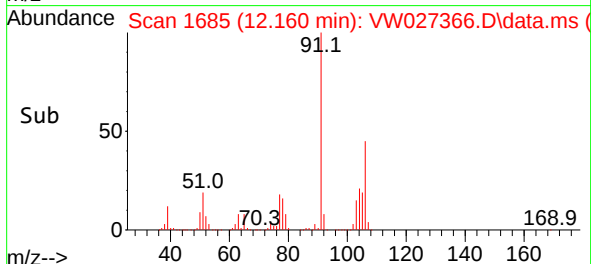
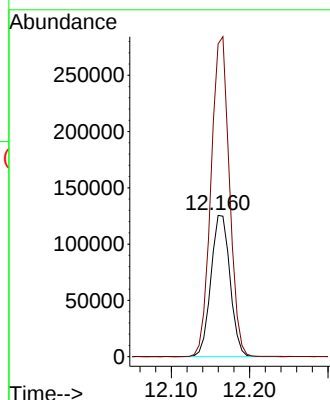
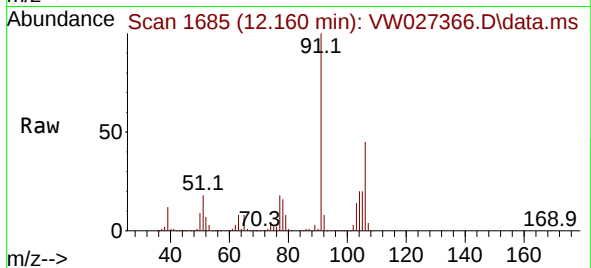
EOAT5MS

Tgt Ion:106 Resp: 212493

Ion Ratio Lower Upper

106 100

91 221.3 152.0 282.2



#55

Styrene

Concen: 19.004 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027366.D

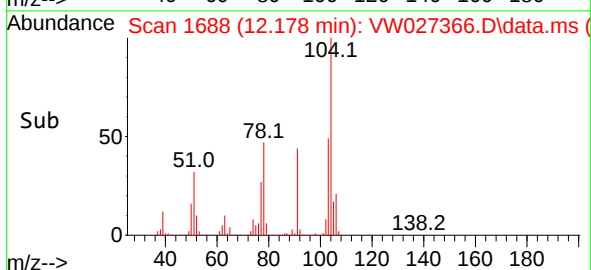
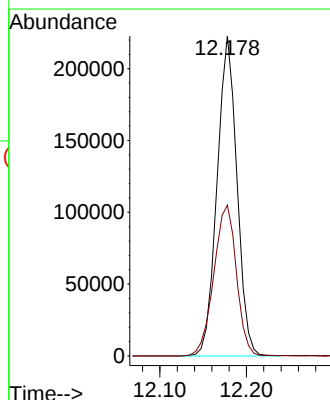
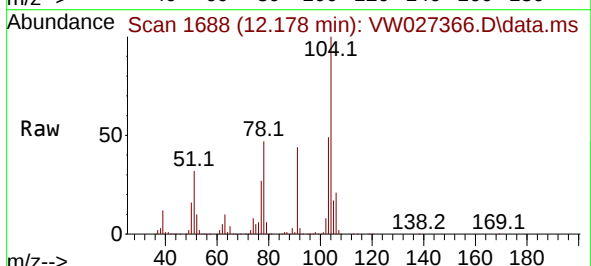
Acq: 20 Oct 2023 12:09

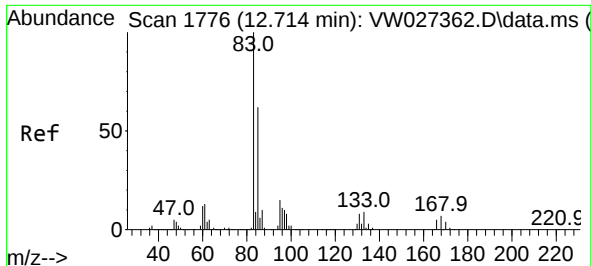
Tgt Ion:104 Resp: 354827

Ion Ratio Lower Upper

104 100

78 47.2 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.071 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

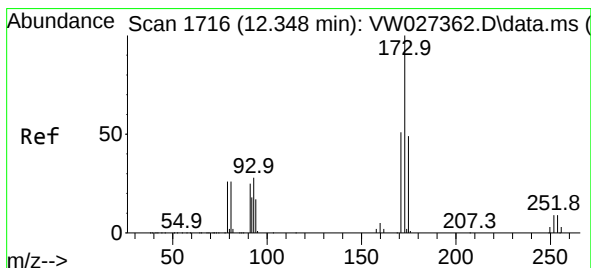
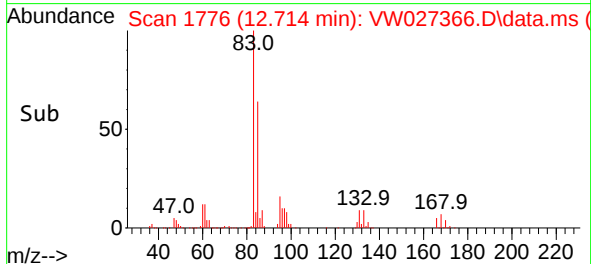
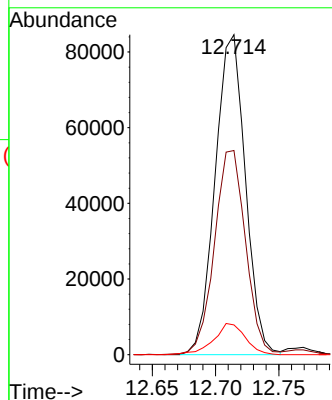
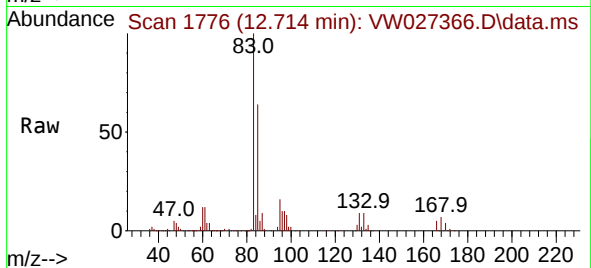
Tgt Ion: 83 Resp: 140609

Ion Ratio Lower Upper

83 100

85 63.8 43.2 80.2

131 9.3 7.2 10.8



#59

Bromoform

Concen: 32.589 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

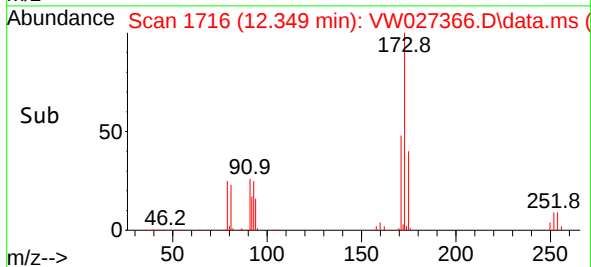
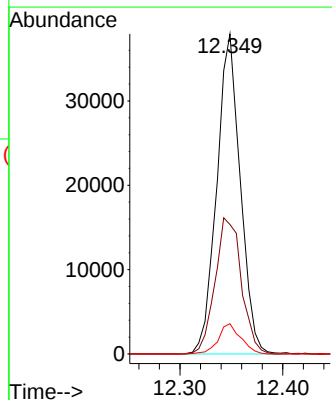
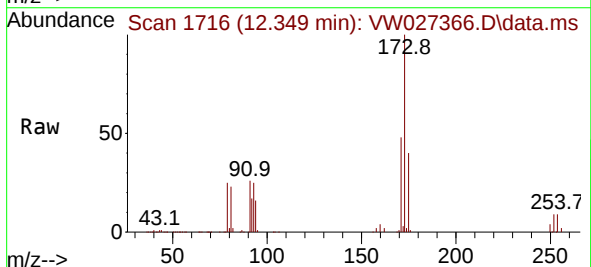
Tgt Ion: 173 Resp: 60296

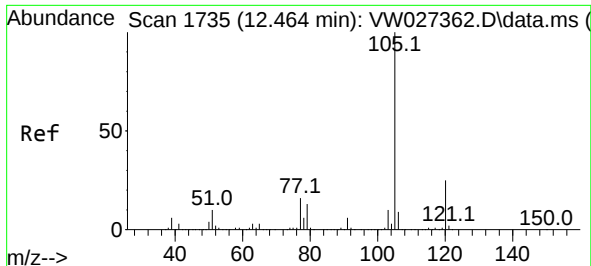
Ion Ratio Lower Upper

173 100

175 47.4 39.6 59.4

254 9.0 6.6 10.0

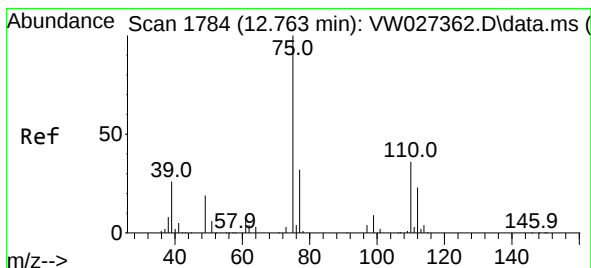
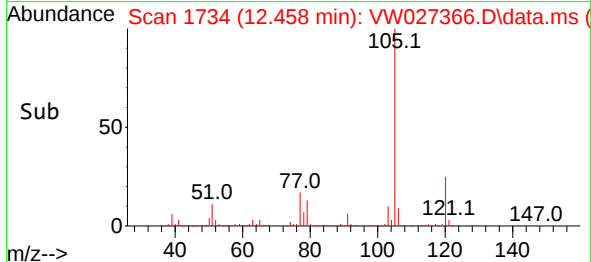
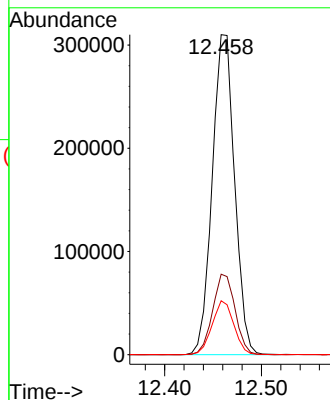
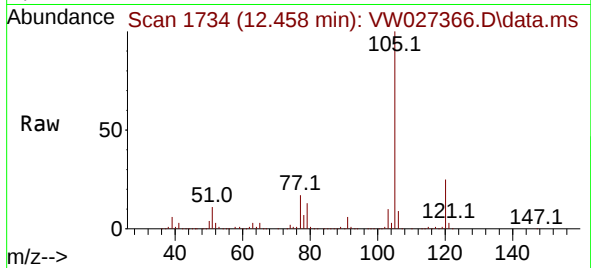




#60
Isopropylbenzene
Concen: 25.509 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

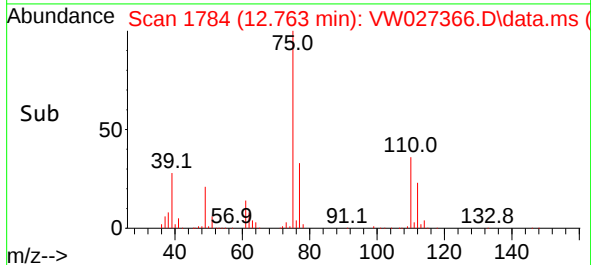
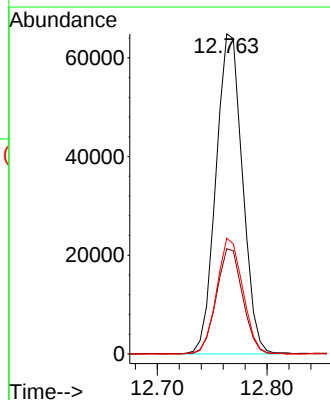
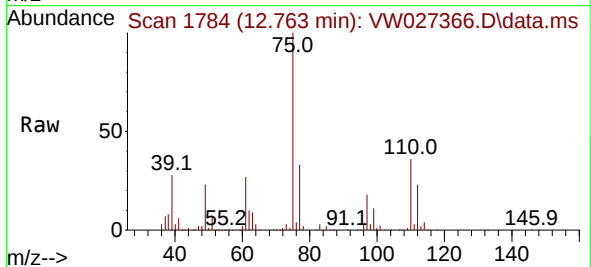
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

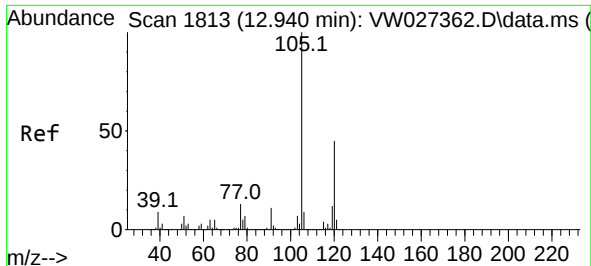
Tgt Ion:105 Resp: 498266
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 40.221 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion: 75 Resp: 109198
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 35.7 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 22.513 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

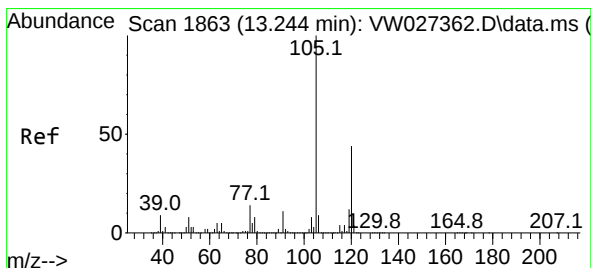
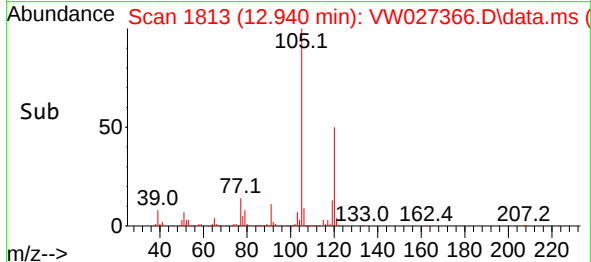
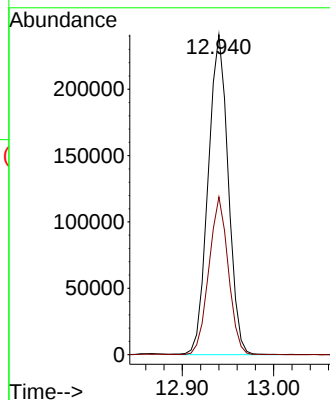
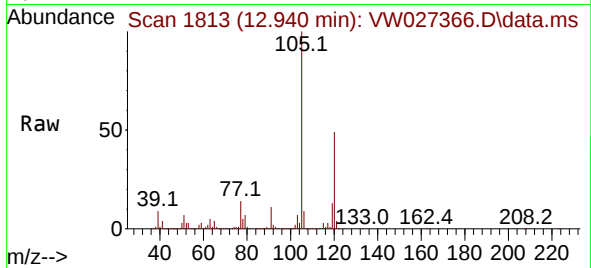
EOAT5MS

Tgt Ion:105 Resp: 366818

Ion Ratio Lower Upper

105 100

120 47.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 22.828 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027366.D

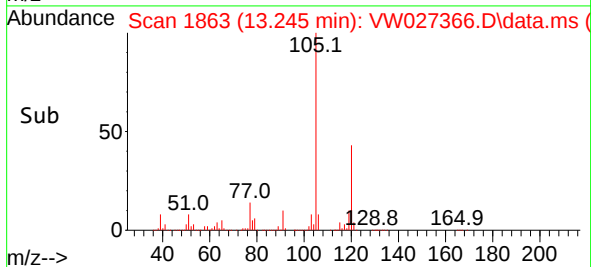
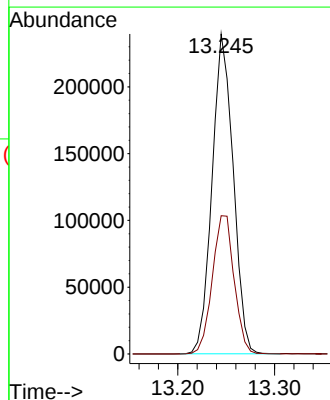
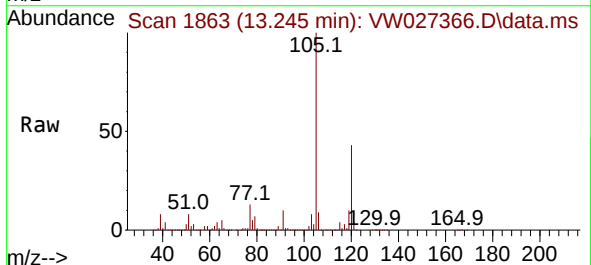
Acq: 20 Oct 2023 12:09

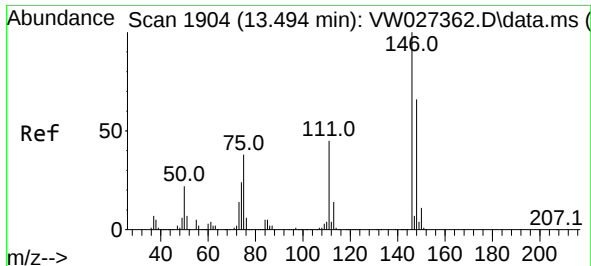
Tgt Ion:105 Resp: 363927

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.2

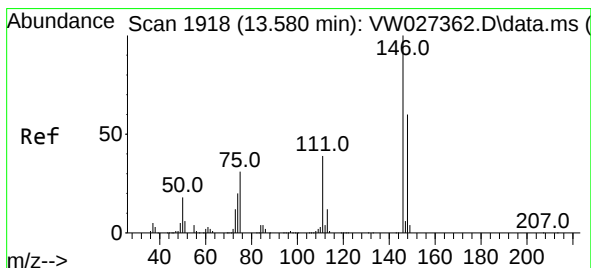
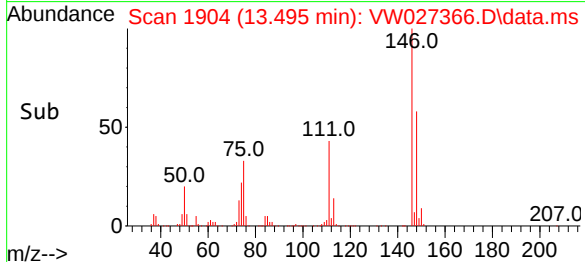
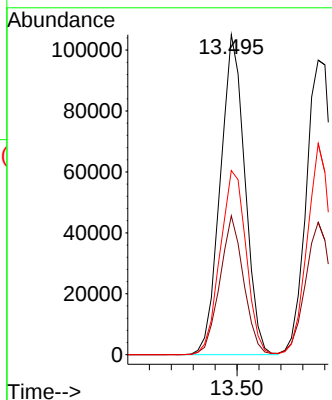
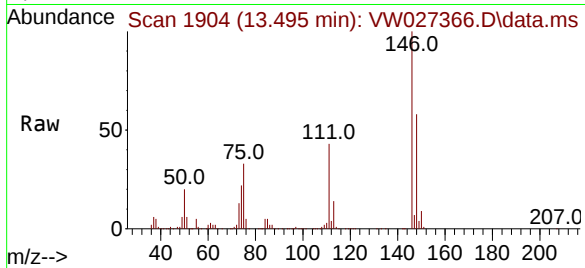




#64
1,3-Dichlorobenzene
Concen: 20.685 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

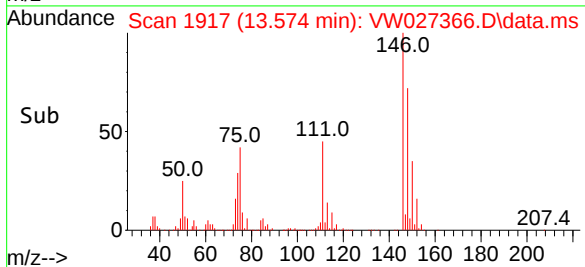
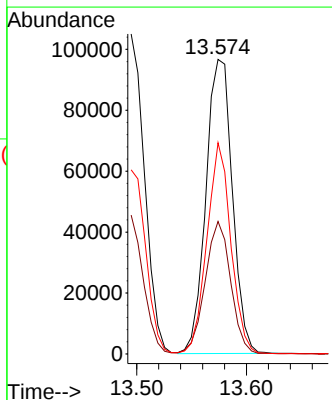
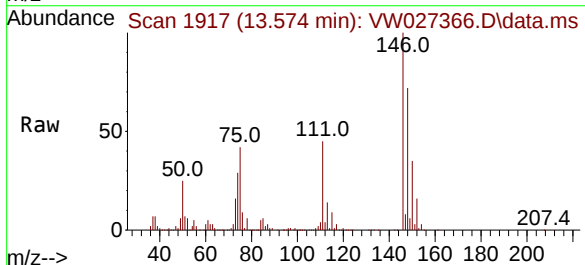
Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

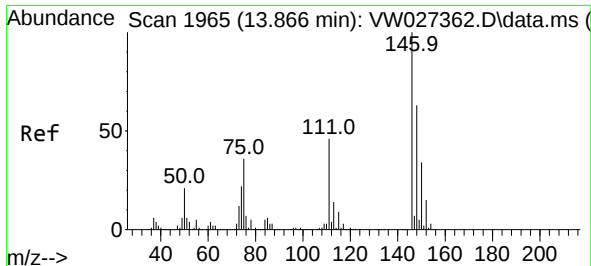
Tgt Ion:146 Resp: 163847
Ion Ratio Lower Upper
146 100
111 43.4 30.8 57.2
148 57.6 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 20.502 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion:146 Resp: 162175
Ion Ratio Lower Upper
146 100
111 45.0 29.5 54.9
148 71.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 21.534 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

Instrument :

MSVOA_W

ClientSampleId :

EOAT5MS

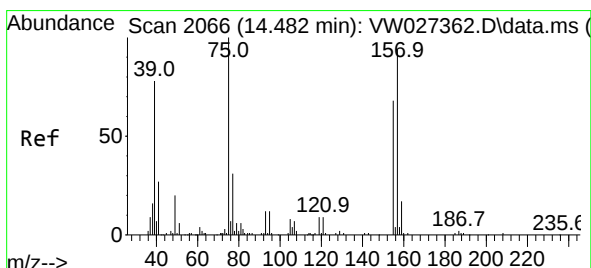
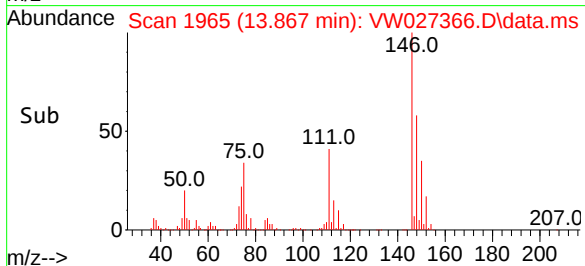
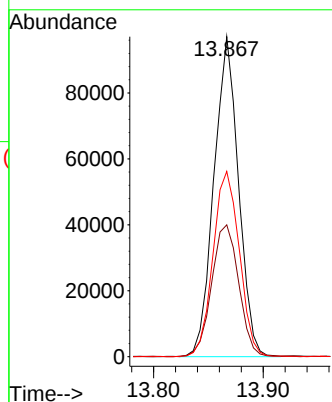
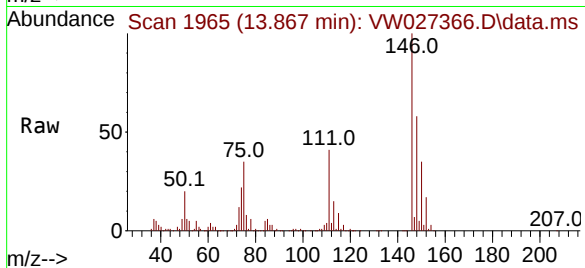
Tgt Ion:146 Resp: 151361

Ion Ratio Lower Upper

146 100

111 41.2 36.8 55.2

148 57.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 32.255 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027366.D

Acq: 20 Oct 2023 12:09

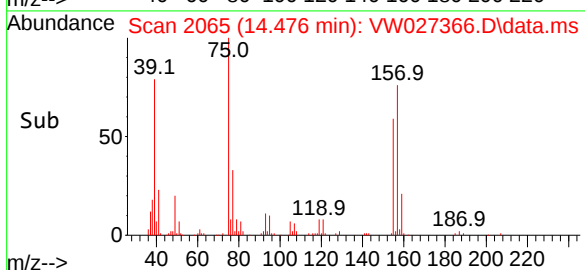
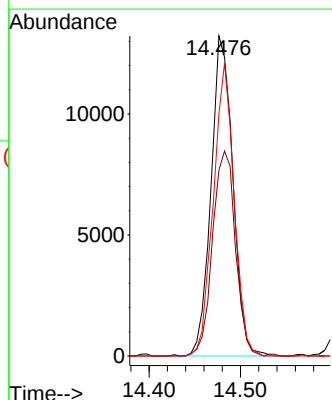
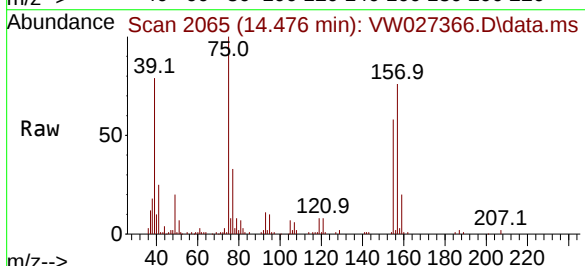
Tgt Ion: 75 Resp: 21886

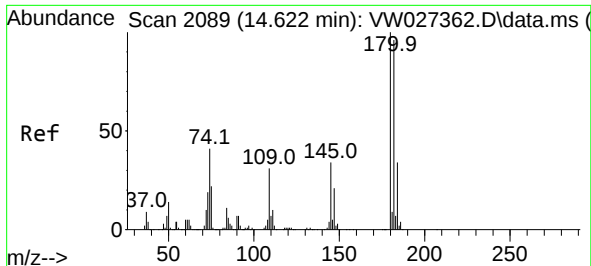
Ion Ratio Lower Upper

75 100

155 58.1 54.9 82.3

157 75.7 64.7 97.1

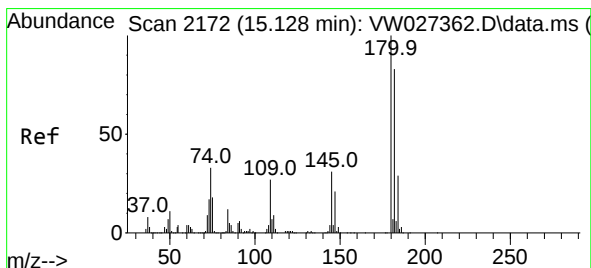
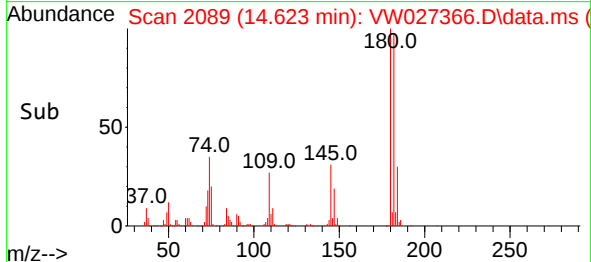
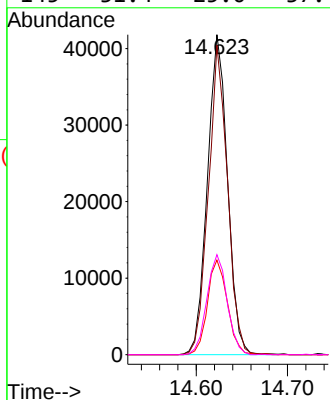
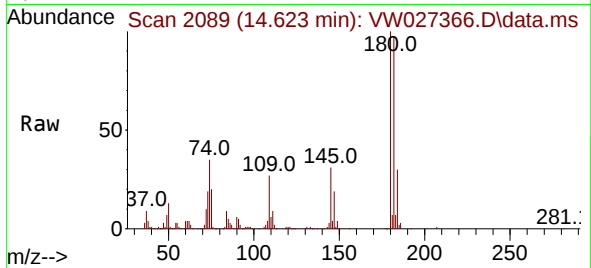




#69
 1,3,5-Trichlorobenzene
 Concen: 12.399 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

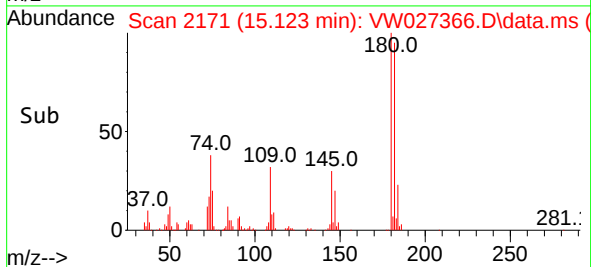
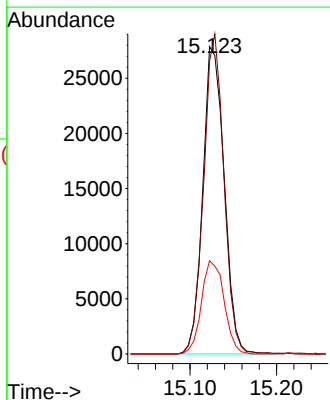
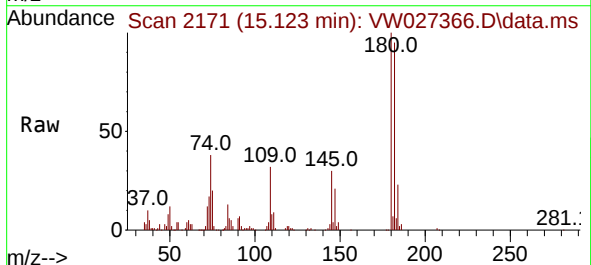
Instrument :
 MSVOA_W
 ClientSampleId :
 EOAT5MS

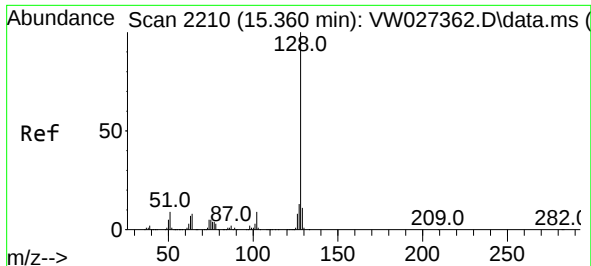
Tgt Ion:	180	Resp:	63759
Ion Ratio	Lower	Upper	
180	100		
182	91.9	73.4	110.0
184	29.3	23.3	34.9
145	31.4	25.0	37.4



#70
 1,2,4-trichlorobenzene
 Concen: 10.956 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027366.D
 Acq: 20 Oct 2023 12:09

Tgt Ion:	180	Resp:	47951
Ion Ratio	Lower	Upper	
180	100		
182	98.6	75.5	113.3
145	31.9	26.4	39.6

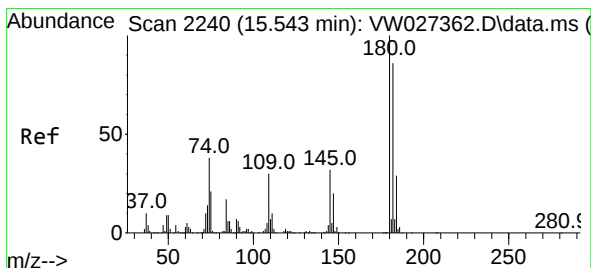
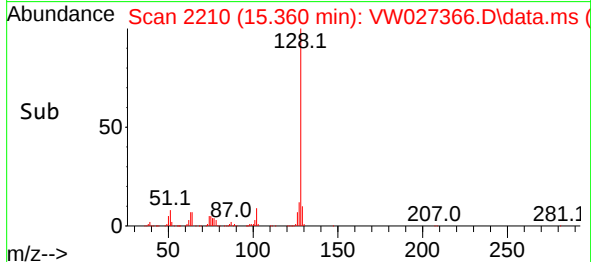
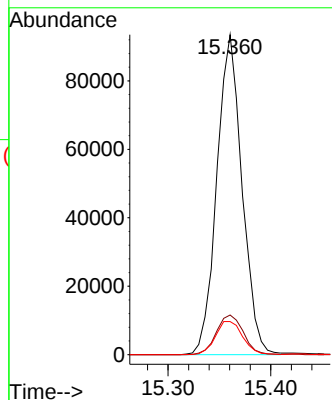
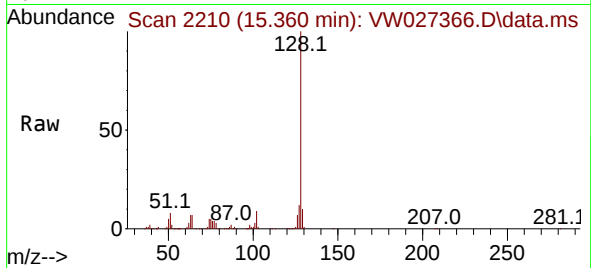




#71
Naphthalene
Concen: 17.711 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Instrument :
MSVOA_W
ClientSampleId :
EOAT5MS

Tgt Ion:128 Resp: 159401
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.3 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 10.723 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027366.D
Acq: 20 Oct 2023 12:09

Tgt Ion:180 Resp: 38592
Ion Ratio Lower Upper
180 100
182 90.1 81.1 121.7
145 35.0 30.6 45.8

