

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029066.D
 Acq On : 07 Jun 2024 16:41
 Operator : SY/MD
 Sample : P2776-02MS
 Misc : 6.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 23:11:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	558913	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	454158	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158259	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	175693	19.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.160%
7) Chloroethane-d5	2.899	69	139041	20.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	4.021	65	81584	20.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.075	46	80421	44.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.660%
24) Chloroform-d	7.648	84	351636	22.053	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	8.307	65	178660	21.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.120%
32) Benzene-d6	8.276	84	703792	25.248	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	9.270	67	214550	25.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	10.319	98	593869	23.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	10.575	79	69375	21.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.922	63	53615	48.072	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128005	21.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	119365	21.255	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	107186	16.794	ug/L	96
3) Chloromethane	2.222	50	147213	18.880	ug/L	97
5) Vinyl chloride	2.375	62	168762	17.881	ug/L	98
6) Bromomethane	2.783	94	94001	16.623	ug/L	100
8) Chloroethane	2.930	64	105949	18.588	ug/L	99
9) Trichlorofluoromethane	3.265	101	150913	19.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	137686	17.786	ug/L	96
12) 1,1-Dichloroethene	4.045	96	144968	20.520	ug/L	90
13) Acetone	4.118	43	45087	23.716	ug/L	99
14) Carbon disulfide	4.387	76	426874	17.847	ug/L	99
15) Methyl Acetate	4.667	43	48339	15.309	ug/L	100
16) Methylene chloride	4.917	84	163037	19.436	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	154860	20.105	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	225754	21.018	ug/L	99
19) 1,1-Dichloroethane	6.216	63	311460	20.567	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	166248	20.587	ug/L	97
22) 2-Butanone	7.167	43	76534	33.408	ug/L	100
23) Bromochloromethane	7.514	128	68389	19.401	ug/L	98
25) Chloroform	7.673	83	301716	20.513	ug/L	99

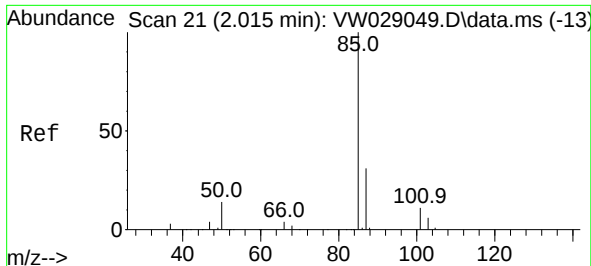
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029066.D
 Acq On : 07 Jun 2024 16:41
 Operator : SY/MD
 Sample : P2776-02MS
 Misc : 6.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 23:11:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192361	19.516	ug/L	99
29) Cyclohexane	7.953	56	247187	21.891	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	240453	22.851	ug/L	98
31) Carbon tetrachloride	8.069	117	208698	21.774	ug/L	98
33) Benzene	8.325	78	659142	23.341	ug/L	100
34) Trichloroethene	9.093	95	169154	22.784	ug/L	92
35) Methylcyclohexane	9.331	83	210463	16.711	ug/L	99
37) 1,2-Dichloropropane	9.367	63	174166	23.552	ug/L	99
38) Bromodichloromethane	9.642	83	203000	22.508	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	223426	20.790	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	176782	46.999	ug/L	99
42) Toluene	10.386	91	665733	23.077	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	174975	20.195	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	106750	21.374	ug/L	96
46) Tetrachloroethene	10.861	164	113007	20.035	ug/L	96
48) 2-Hexanone	10.965	43	110041	39.020	ug/L	99
49) Dibromochloromethane	11.129	129	115818	21.955	ug/L	97
50) 1,2-Dibromoethane	11.233	107	96741	21.219	ug/L	95
51) Chlorobenzene	11.654	112	386181	20.839	ug/L	94
52) Ethylbenzene	11.727	91	712625	21.741	ug/L	98
53) m,p-Xylene	11.837	106	259355	21.363	ug/L	99
54) o-Xylene	12.160	106	238946	21.256	ug/L	96
55) Styrene	12.178	104	381235	19.671	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	109598	19.439	ug/L	98
59) Bromoform	12.349	173	56331	27.681	ug/L	98
60) Isopropylbenzene	12.458	105	618004	27.593	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85007	28.476	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	406566	24.958	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	432610	25.129	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	201949	20.982	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	203122	20.206	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	167981	19.472	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15094	23.722	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	78480	11.875	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	51230	9.565	ug/L	93
71) Naphthalene	15.360	128	120452	13.199	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	39160	8.557	ug/L	99

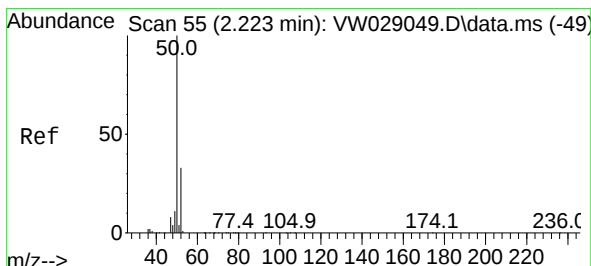
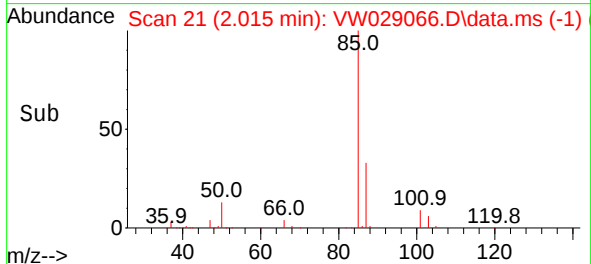
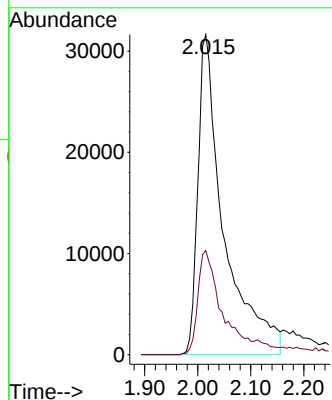
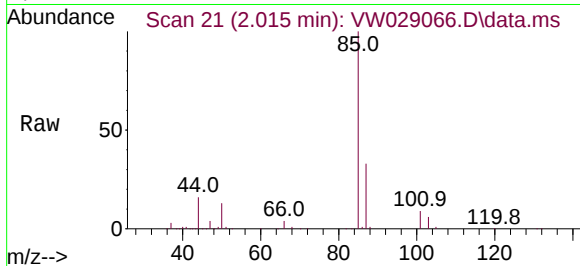
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 16.794 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

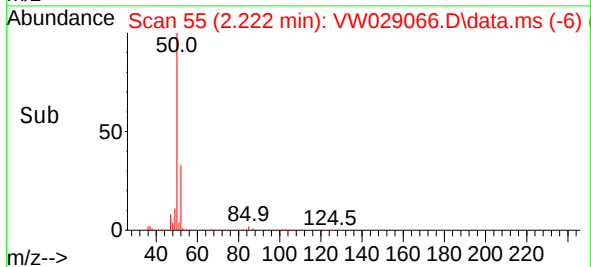
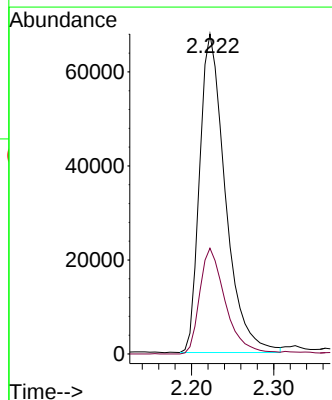
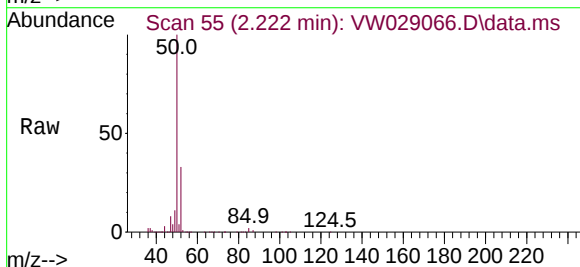
Instrument :
MSVOA_W
ClientSampleId :

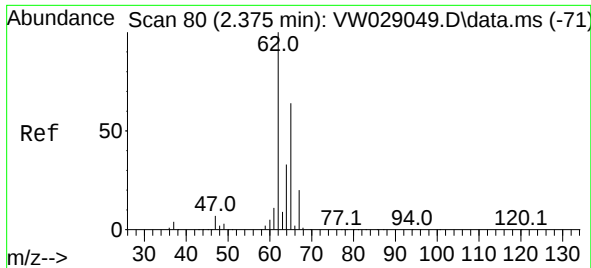
Tgt Ion: 85 Resp: 107186
Ion Ratio Lower Upper
85 100
87 29.7 25.3 37.9



#3
Chloromethane
Concen: 18.880 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion: 50 Resp: 147213
Ion Ratio Lower Upper
50 100
52 33.0 22.1 41.1

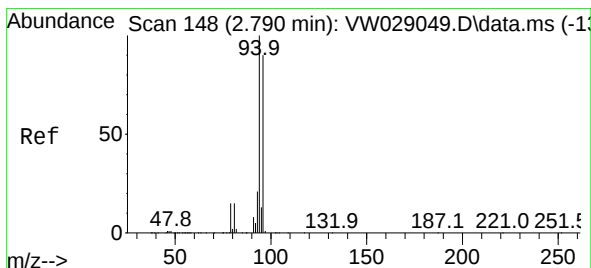
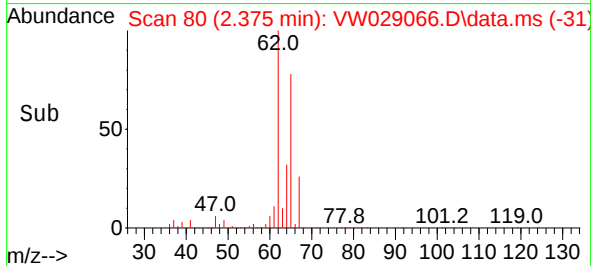
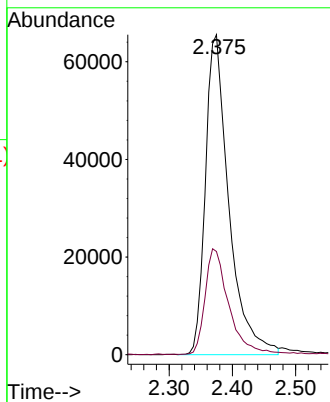
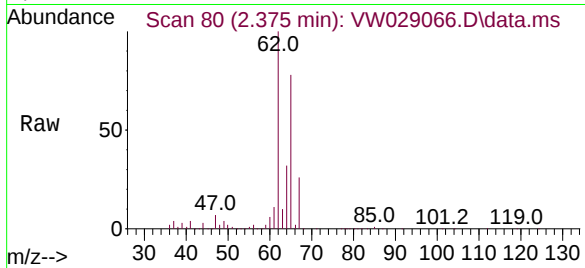




#5
 Vinyl chloride
 Concen: 17.881 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029066.D
 Acq: 07 Jun 2024 16:41

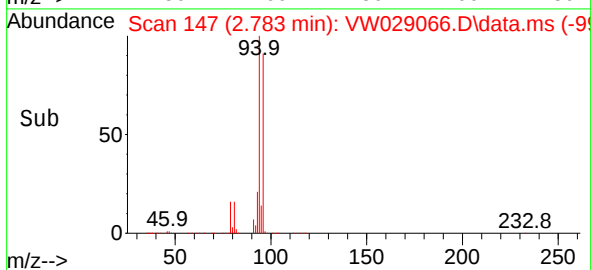
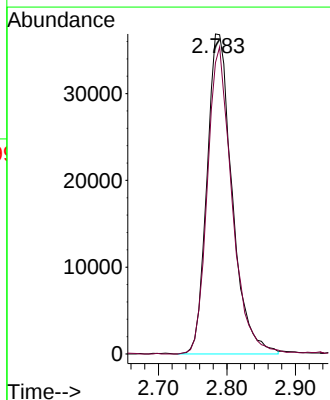
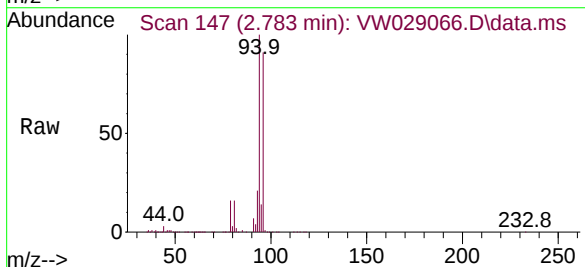
Instrument :
 MSVOA_W
 ClientSampleId :

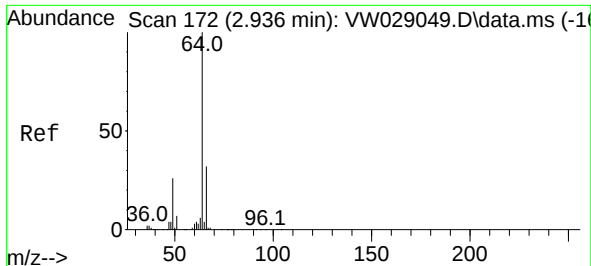
Tgt Ion: 62 Resp: 168762
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#6
 Bromomethane
 Concen: 16.623 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029066.D
 Acq: 07 Jun 2024 16:41

Tgt Ion: 94 Resp: 94001
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.7 118.3

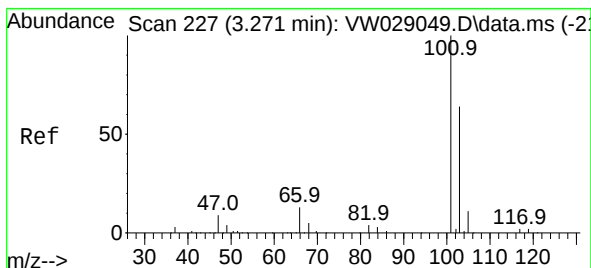
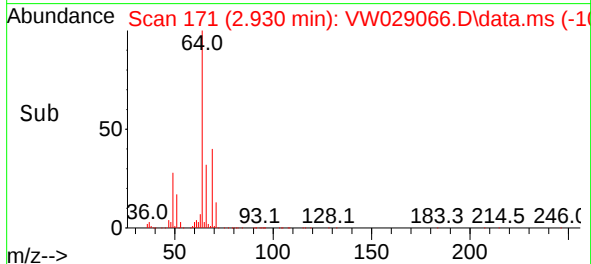
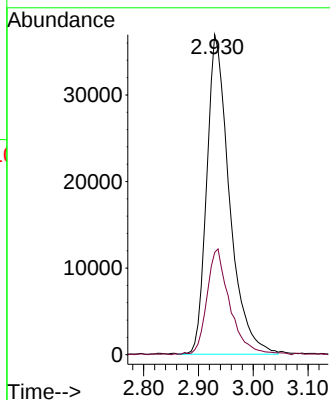
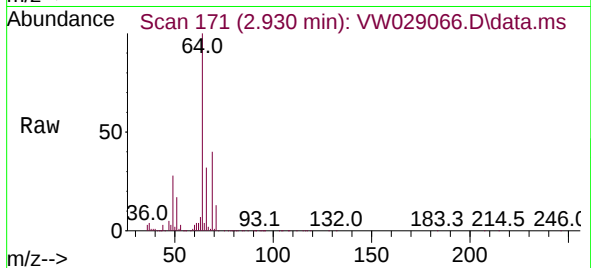




#8
Chloroethane
Concen: 18.588 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

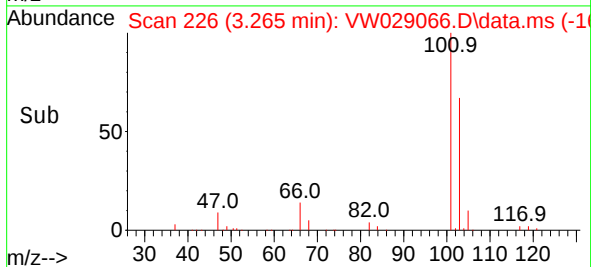
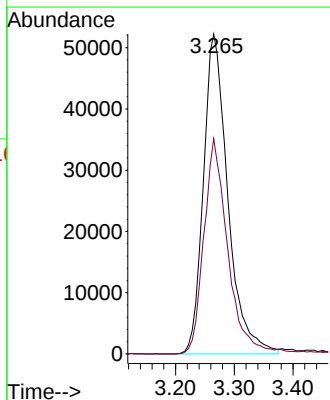
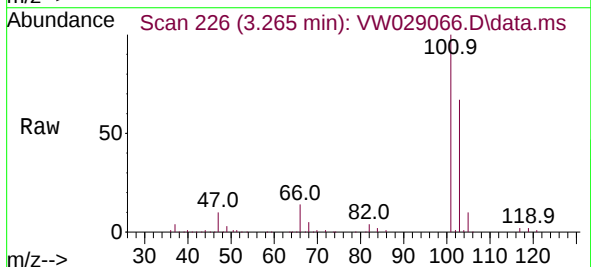
Instrument :
MSVOA_W
ClientSampleId :

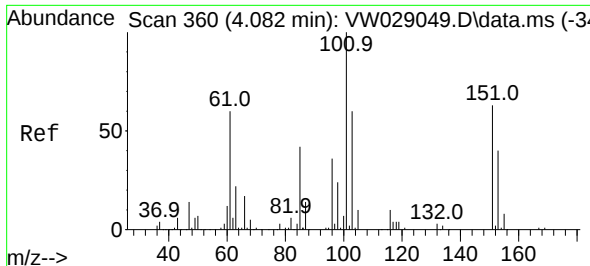
Tgt Ion: 64 Resp: 105949
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 19.235 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion:101 Resp: 150913
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9





#10

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

Concen: 17.786 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :

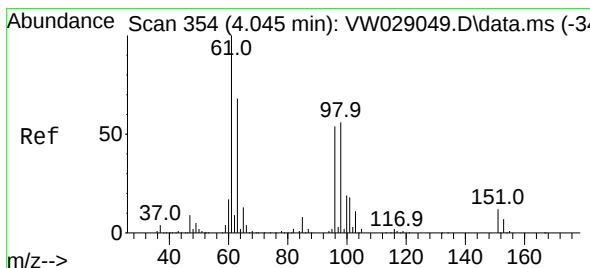
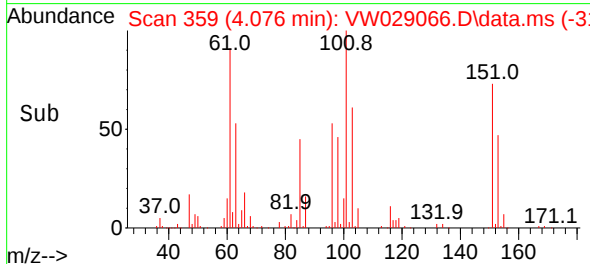
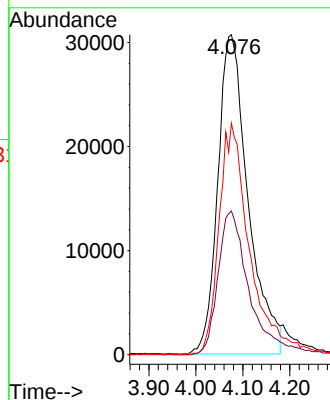
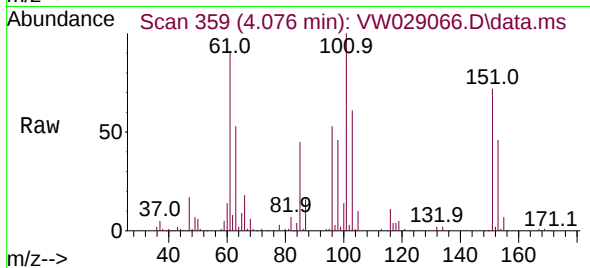
Tgt Ion:101 Resp: 137686

Ion Ratio Lower Upper

101 100

85 46.3 35.8 53.8

151 68.3 58.5 87.7



#12

1,1-Dichloroethene

Concen: 20.520 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

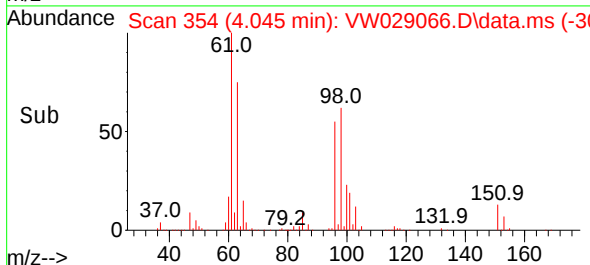
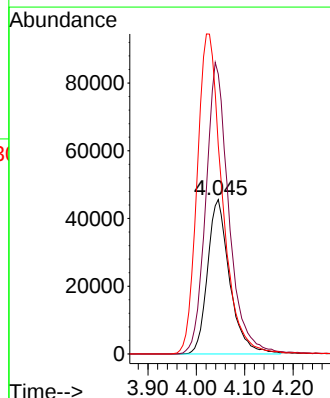
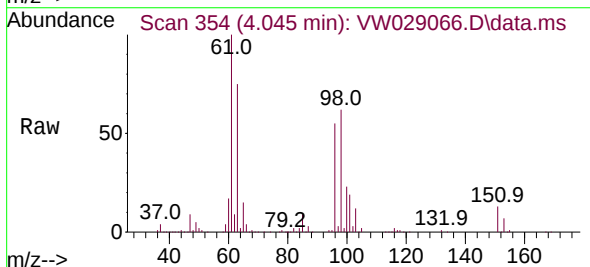
Tgt Ion: 96 Resp: 144968

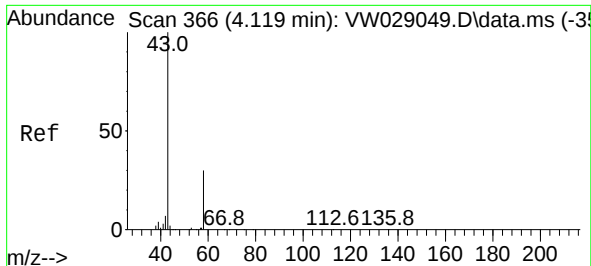
Ion Ratio Lower Upper

96 100

61 181.2 132.2 245.4

63 135.1 108.4 201.2

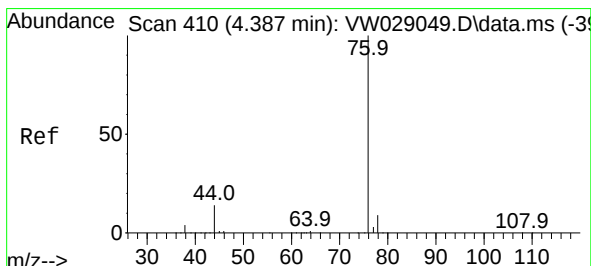
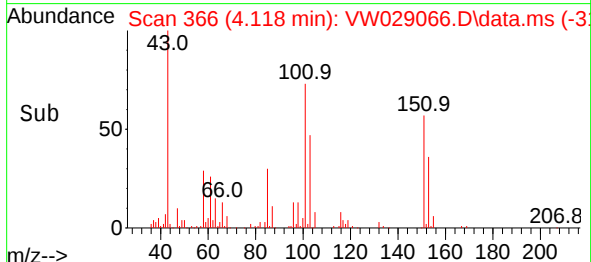
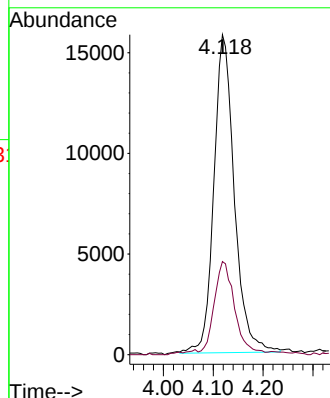
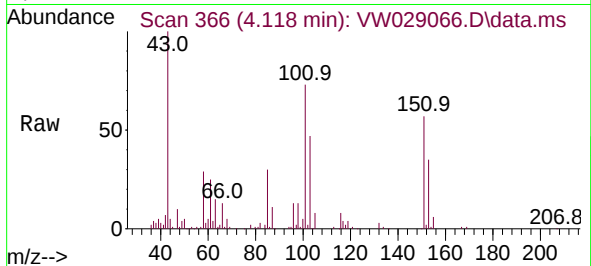




#13
Acetone
Concen: 23.716 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

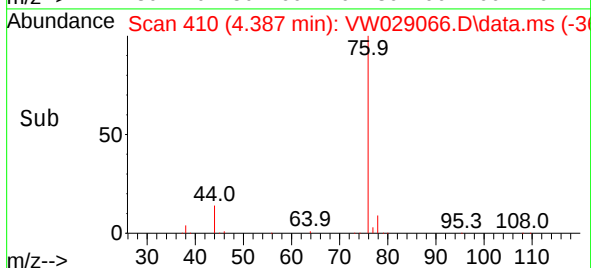
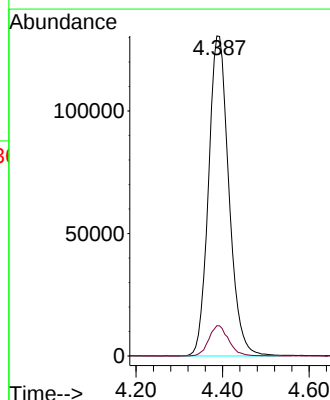
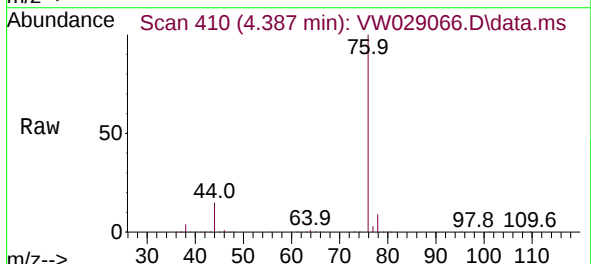
Instrument :
MSVOA_W
ClientSampleId :

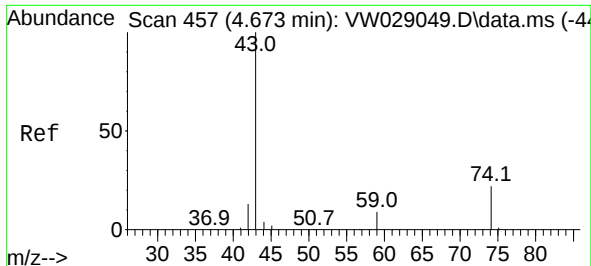
Tgt Ion: 43 Resp: 45087
Ion Ratio Lower Upper
43 100
58 29.3 0.0 59.4



#14
Carbon disulfide
Concen: 17.847 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

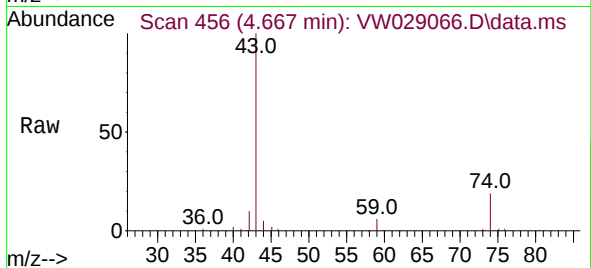
Tgt Ion: 76 Resp: 426874
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



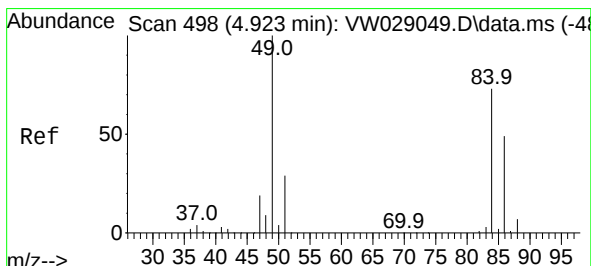
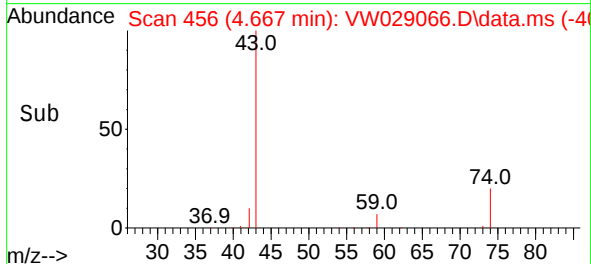
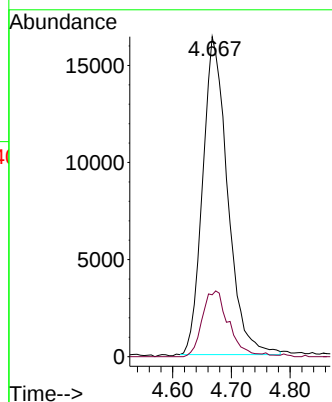


#15
Methyl Acetate
Concen: 15.309 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Instrument :
MSVOA_W
ClientSampleId :

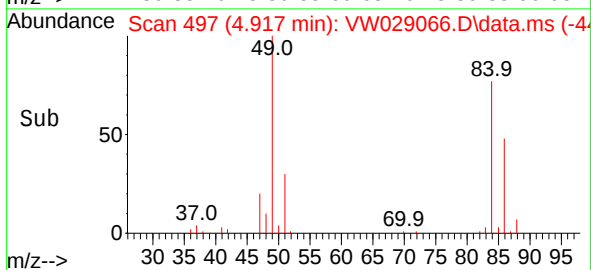
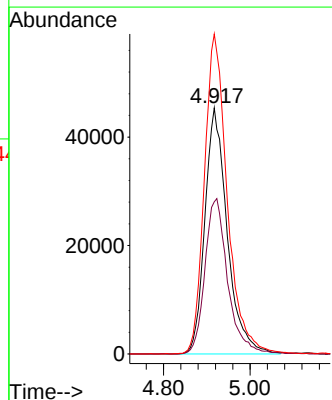
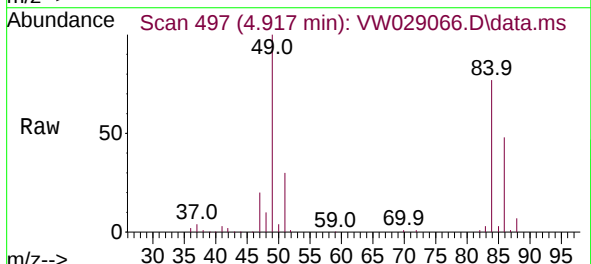


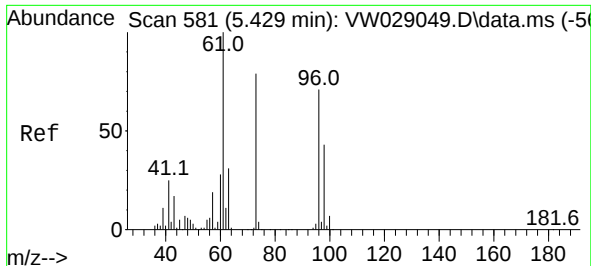
Tgt Ion: 43 Resp: 48339
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2



#16
Methylene chloride
Concen: 19.436 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion: 84 Resp: 163037
Ion Ratio Lower Upper
84 100
86 61.8 43.8 81.4
49 130.0 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 20.105 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

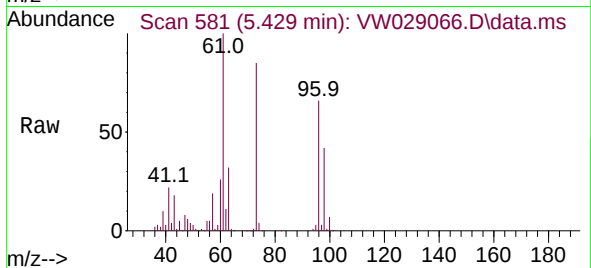
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :



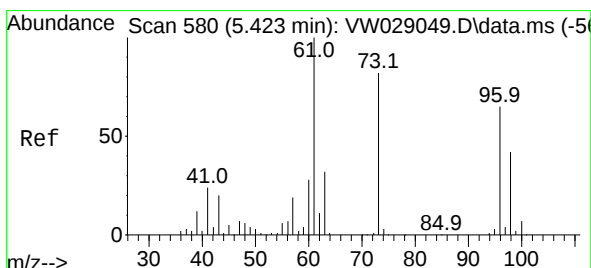
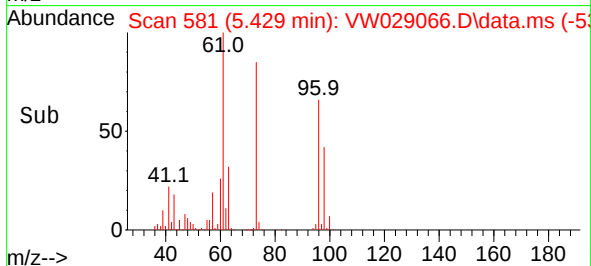
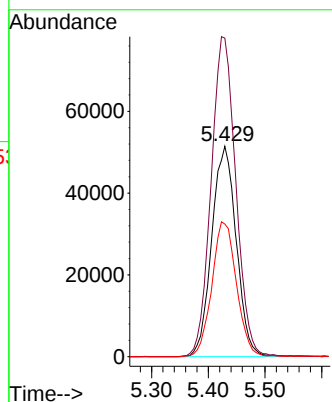
Tgt Ion: 96 Resp: 154860

Ion Ratio Lower Upper

96 100

61 151.4 104.6 194.2

98 63.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 21.018 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

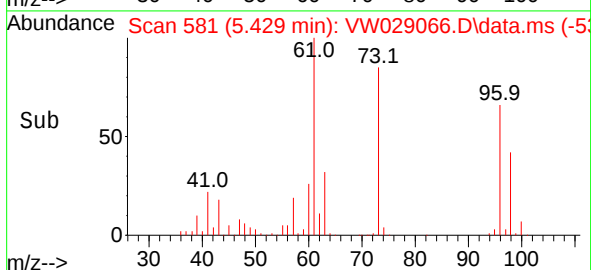
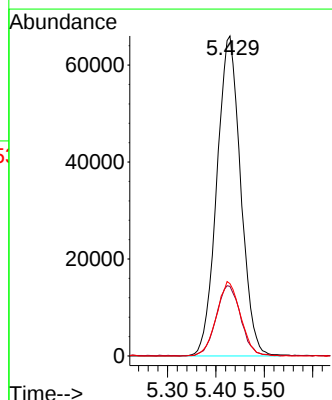
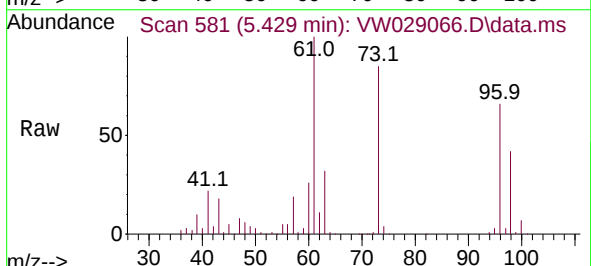
Tgt Ion: 73 Resp: 225754

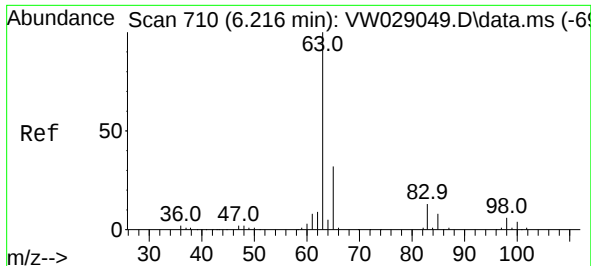
Ion Ratio Lower Upper

73 100

43 22.5 17.8 26.6

57 23.4 18.4 27.6





#19

1,1-Dichloroethane

Concen: 20.567 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :

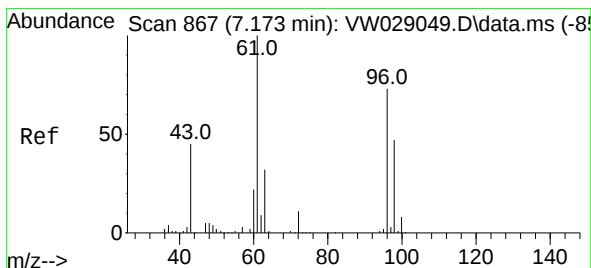
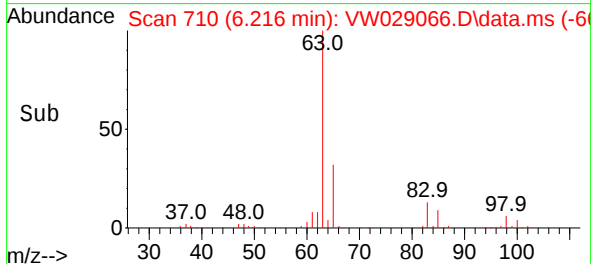
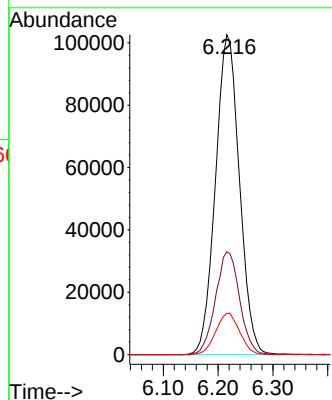
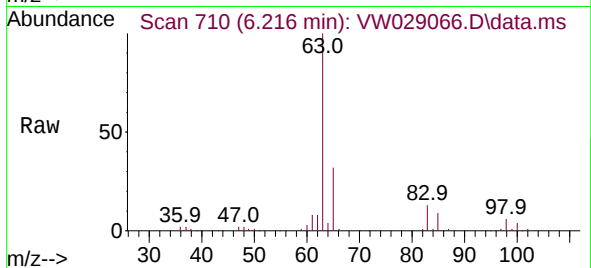
Tgt Ion: 63 Resp: 311460

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 12.9 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 20.587 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

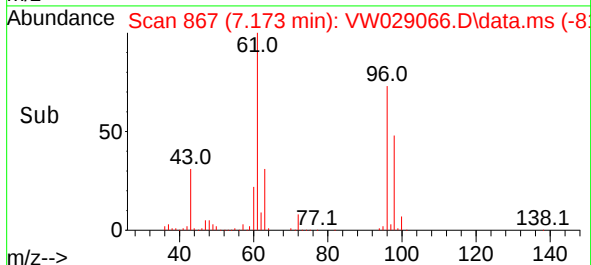
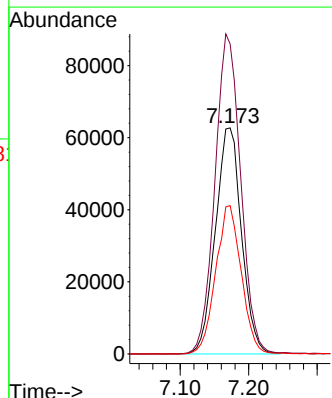
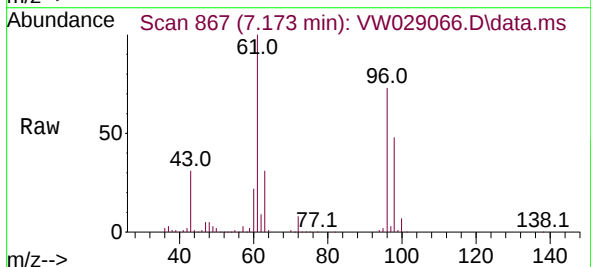
Tgt Ion: 96 Resp: 166248

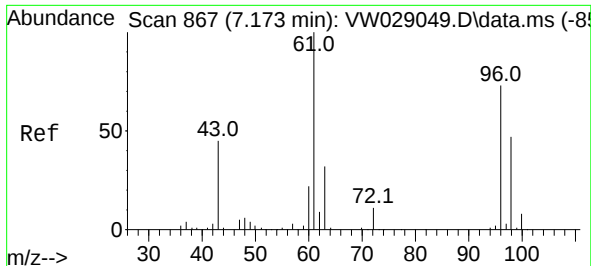
Ion Ratio Lower Upper

96 100

61 137.1 92.9 172.5

98 65.6 45.2 84.0





#22

2-Butanone

Concen: 33.408 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

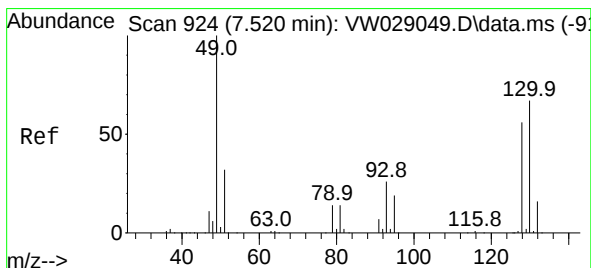
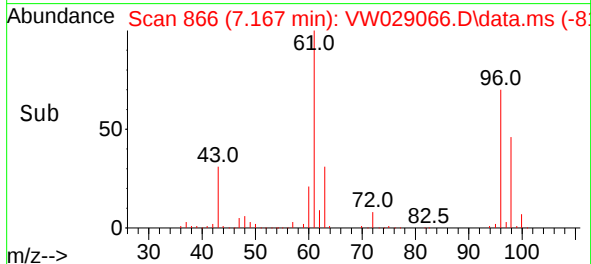
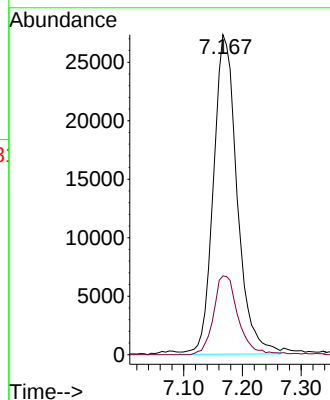
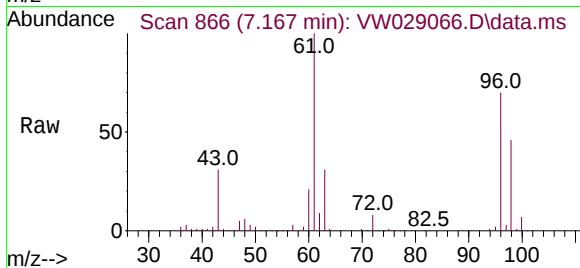
ClientSampleId :

Tgt Ion: 43 Resp: 76534

Ion Ratio Lower Upper

43 100

72 25.1 12.5 37.5



#23

Bromochloromethane

Concen: 19.401 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Tgt Ion: 128 Resp: 68389

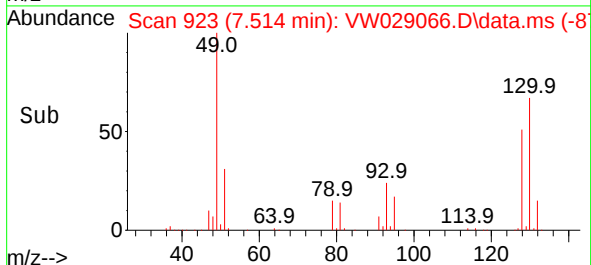
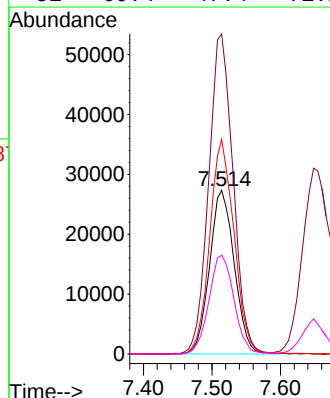
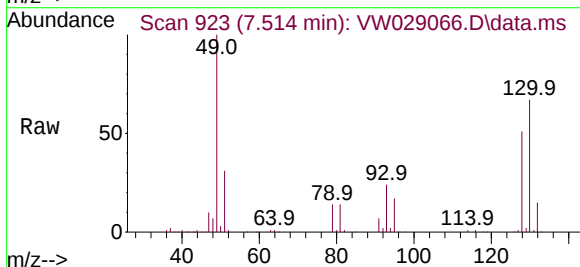
Ion Ratio Lower Upper

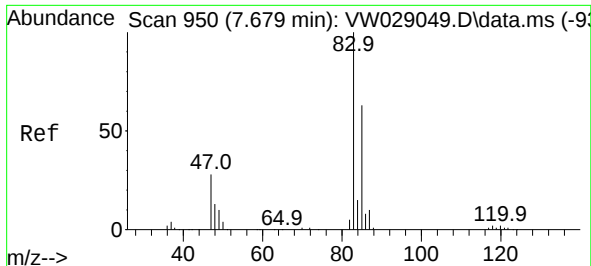
128 100

49 195.7 135.9 252.3

130 131.3 89.0 165.2

51 60.4 47.4 71.2





#25

Chloroform

Concen: 20.513 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

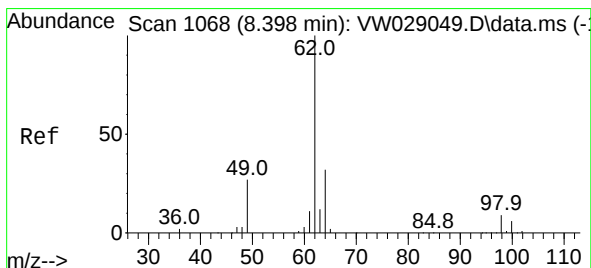
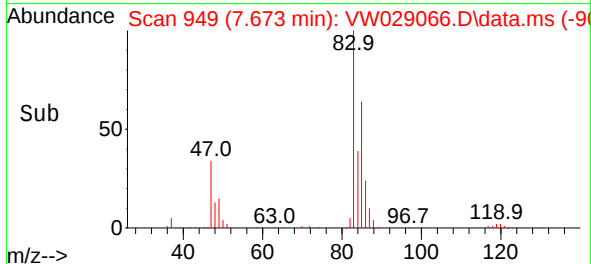
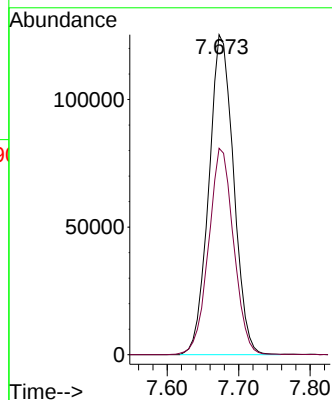
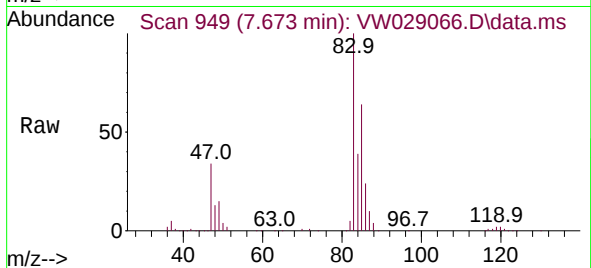
ClientSampleId :

Tgt Ion: 83 Resp: 301716

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 19.516 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029066.D

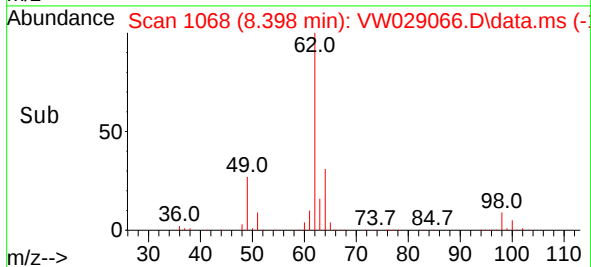
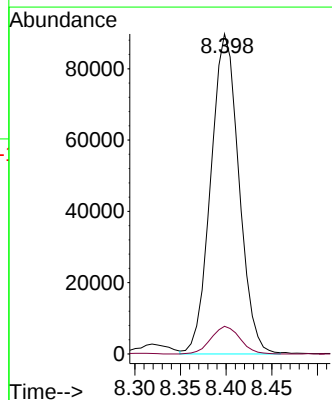
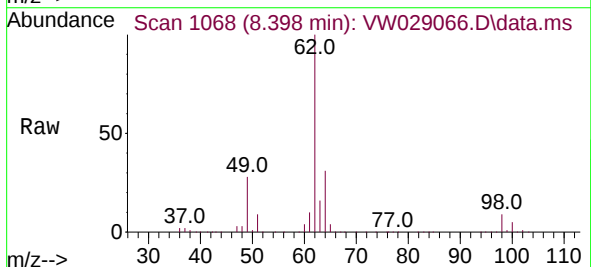
Acq: 07 Jun 2024 16:41

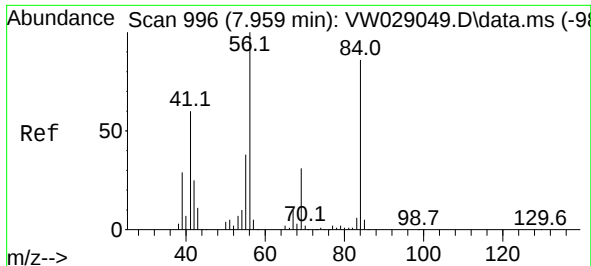
Tgt Ion: 62 Resp: 192361

Ion Ratio Lower Upper

62 100

98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 21.891 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

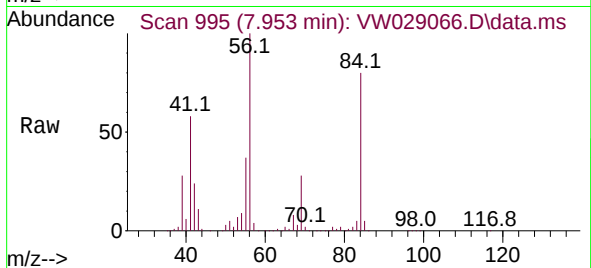
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

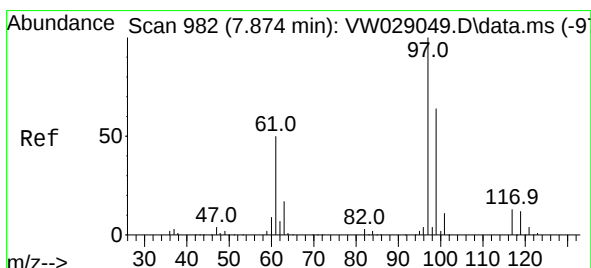
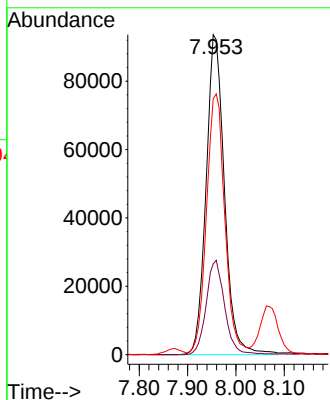
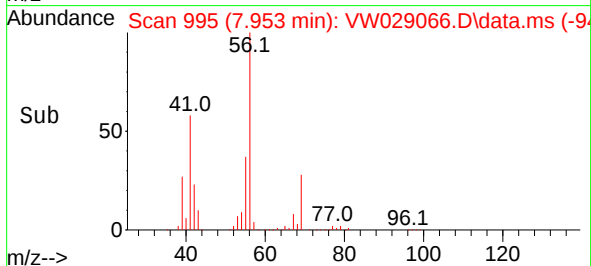
ClientSampleId :



Tgt Ion: 56 Resp: 247187

Ion Ratio Lower Upper

56	100		
69	29.6	24.2	36.4
84	81.1	65.4	98.2



#30

1,1,1-Trichloroethane

Concen: 22.851 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

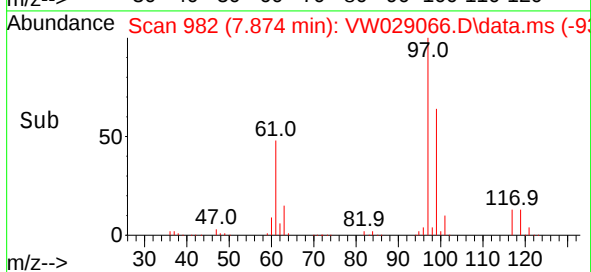
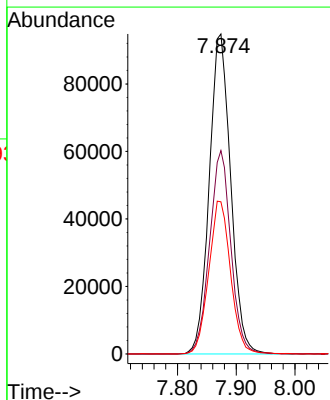
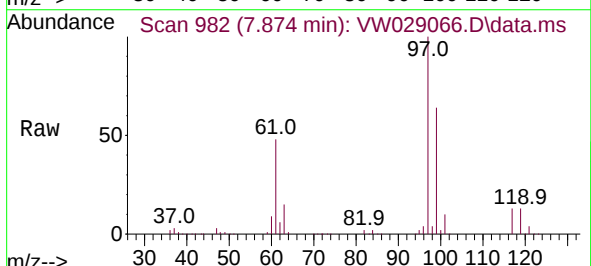
Lab File: VW029066.D

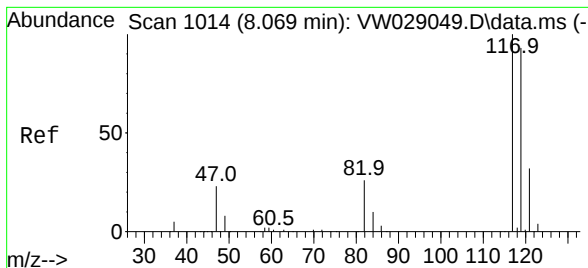
Acq: 07 Jun 2024 16:41

Tgt Ion: 97 Resp: 240453

Ion Ratio Lower Upper

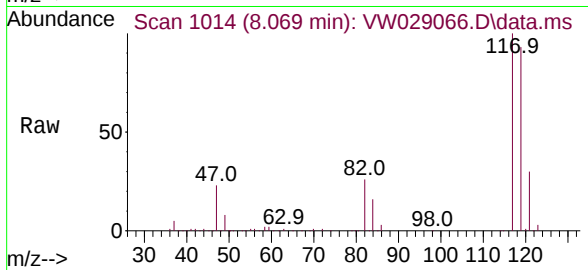
97	100		
99	63.0	51.6	77.4
61	48.5	39.6	59.4



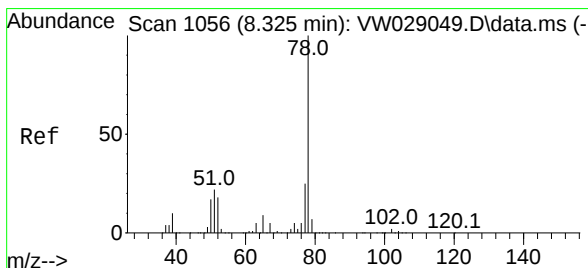
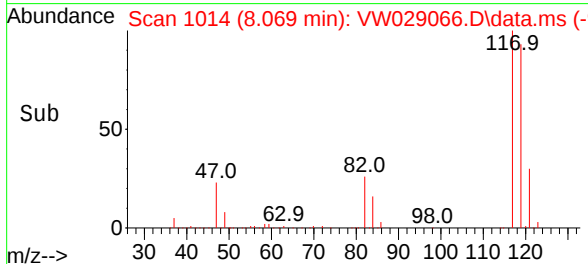
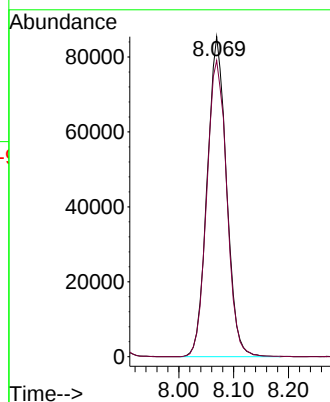


#31
Carbon tetrachloride
Concen: 21.774 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Instrument :
MSVOA_W
ClientSampleId :

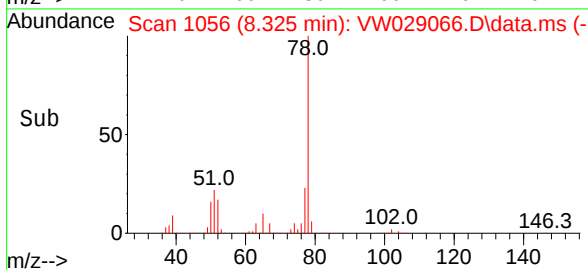
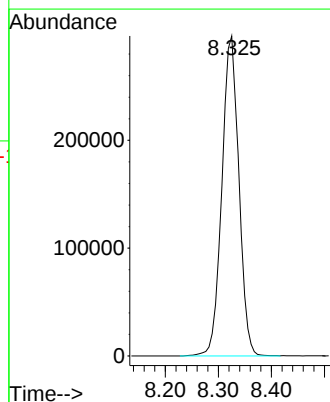
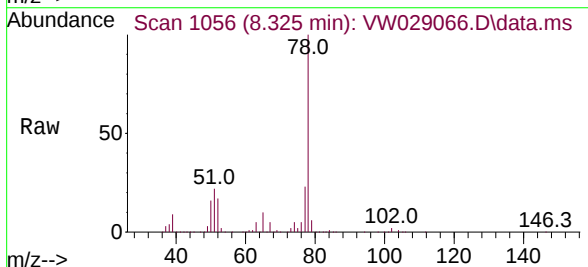


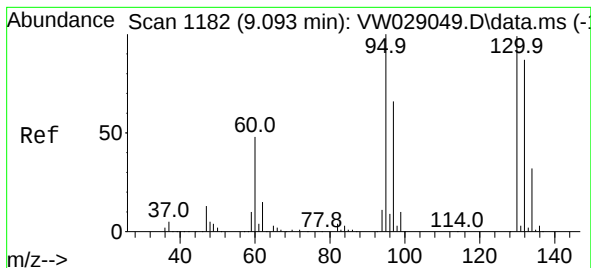
Tgt Ion:117 Resp: 208698
Ion Ratio Lower Upper
117 100
119 96.2 78.8 118.2



#33
Benzene
Concen: 23.341 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion: 78 Resp: 659142





#34

Trichloroethene

Concen: 22.784 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

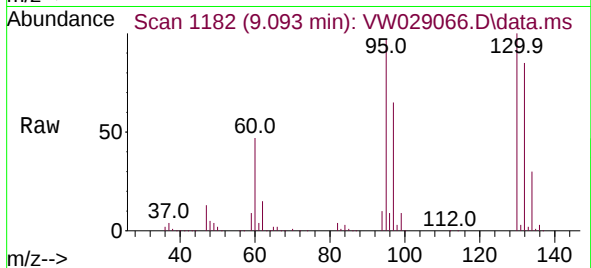
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 169154

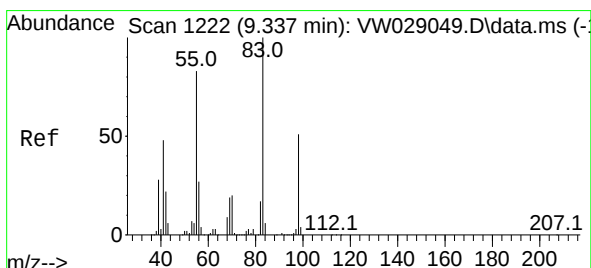
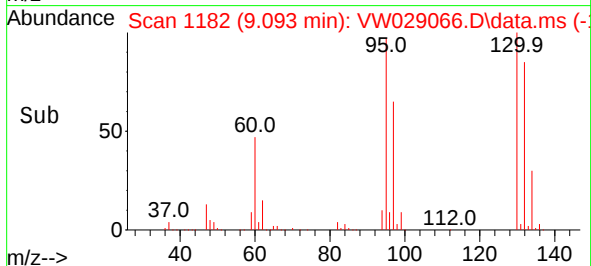
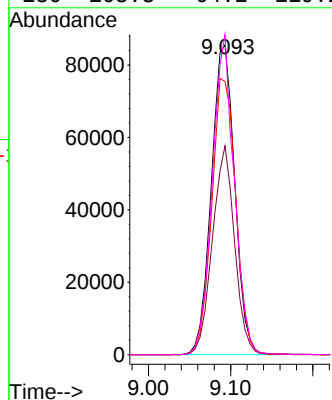
Ion Ratio Lower Upper

95 100

97 67.4 41.9 77.7

132 88.2 60.1 111.5

130 103.3 64.2 119.2



#35

Methylcyclohexane

Concen: 16.711 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

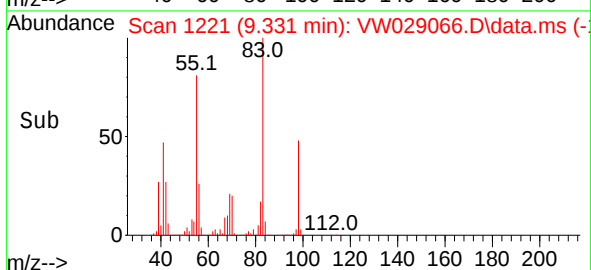
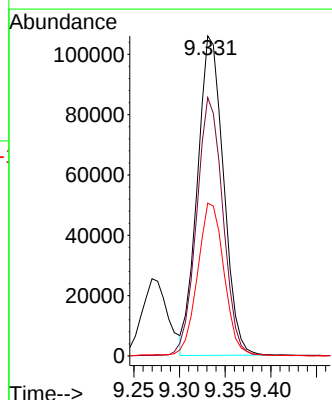
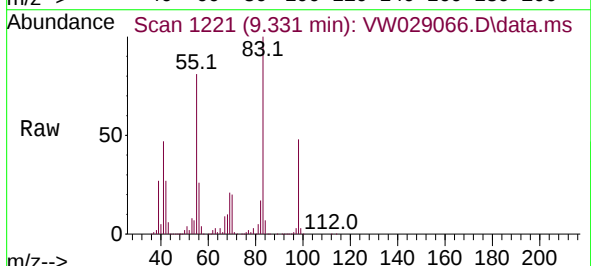
Tgt Ion: 83 Resp: 210463

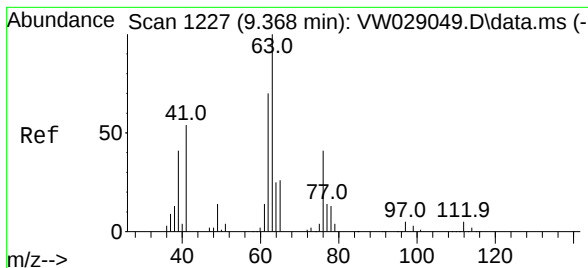
Ion Ratio Lower Upper

83 100

55 81.4 65.8 98.6

98 48.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 23.552 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

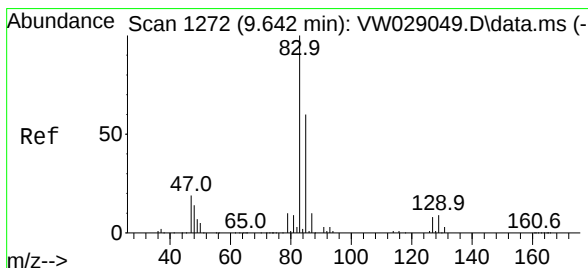
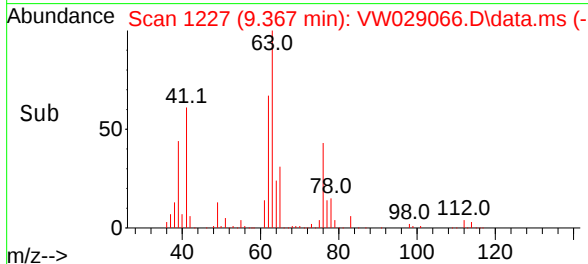
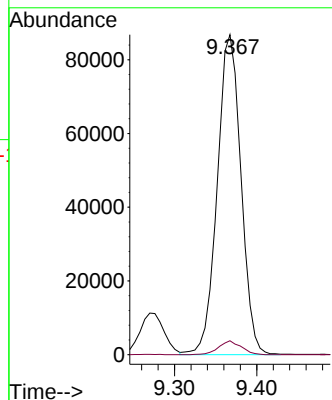
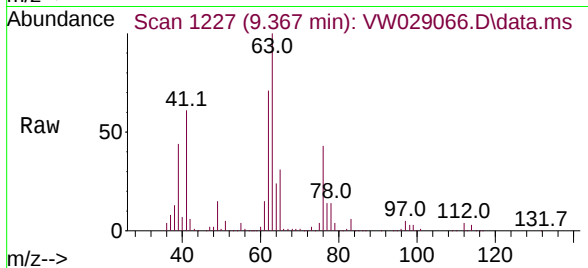
ClientSampleId :

Tgt Ion: 63 Resp: 174166

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 22.508 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

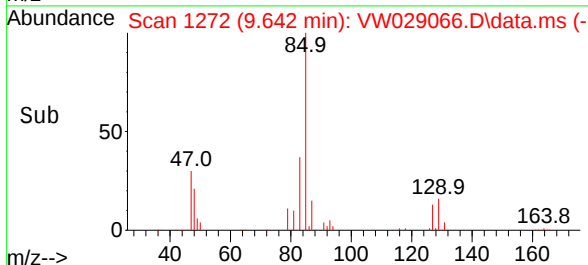
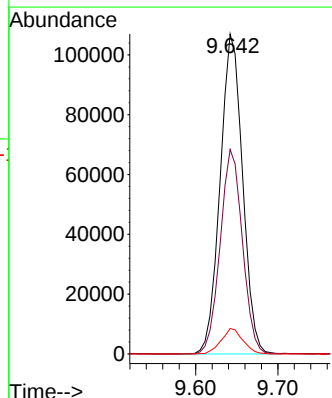
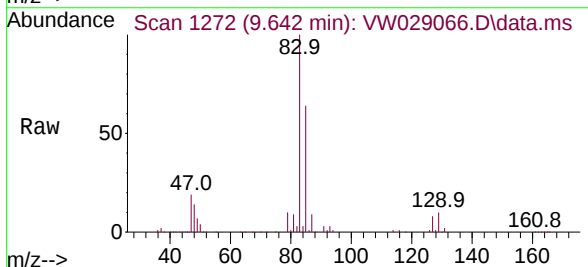
Tgt Ion: 83 Resp: 203000

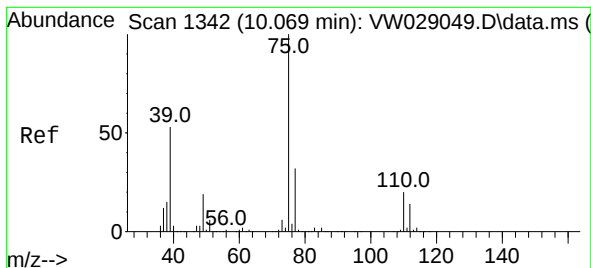
Ion Ratio Lower Upper

83 100

85 63.9 43.9 81.5

127 8.0 5.4 8.2

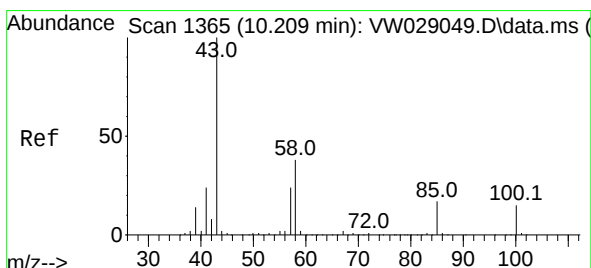
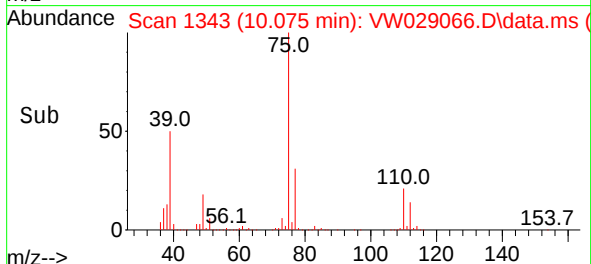
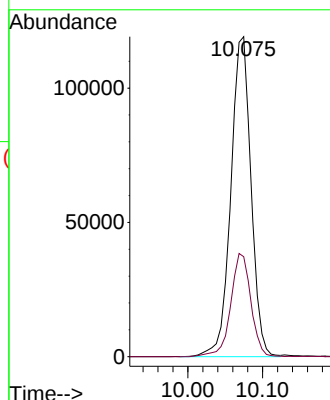
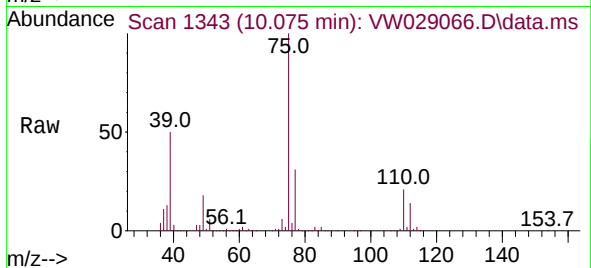




#39
cis-1,3-Dichloropropene
Concen: 20.790 ug/L
RT: 10.075 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

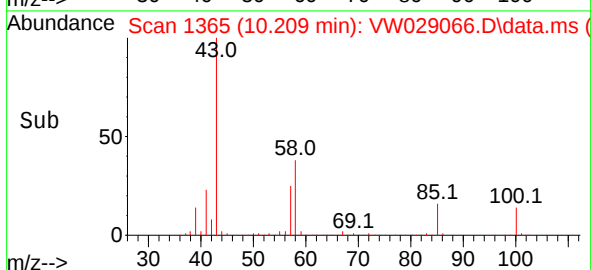
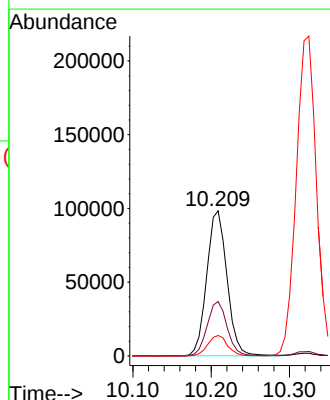
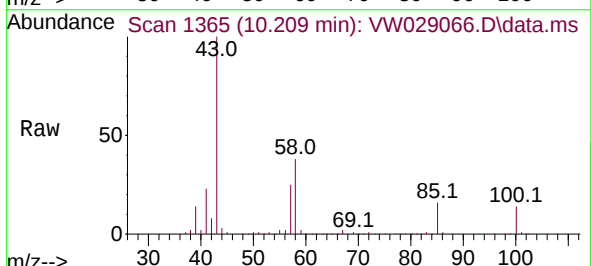
Instrument :
MSVOA_W
ClientSampleId :

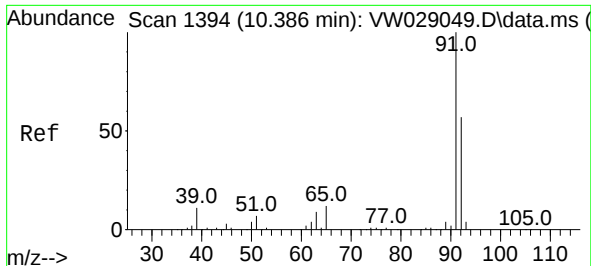
Tgt Ion: 75 Resp: 223426
Ion Ratio Lower Upper
75 100
77 31.2 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 46.999 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion: 43 Resp: 176782
Ion Ratio Lower Upper
43 100
58 37.2 30.3 45.5
100 13.9 10.7 16.1





#42

Toluene

Concen: 23.077 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

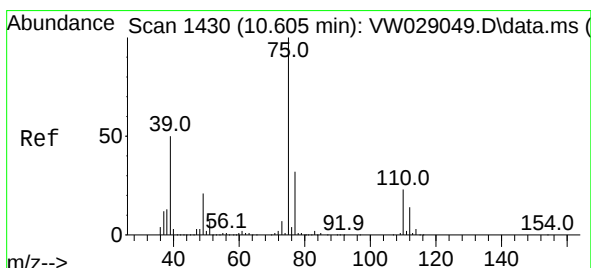
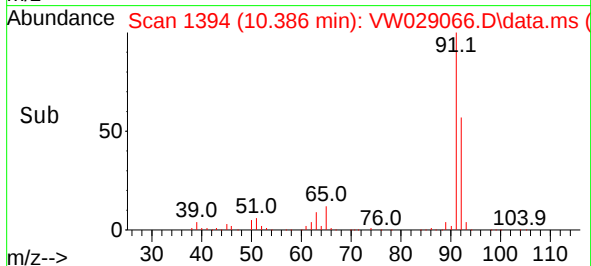
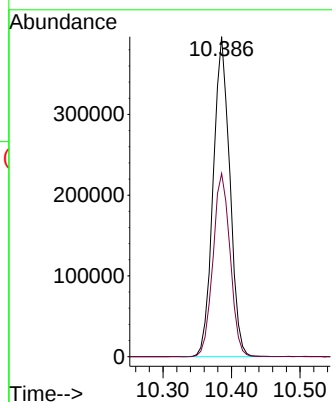
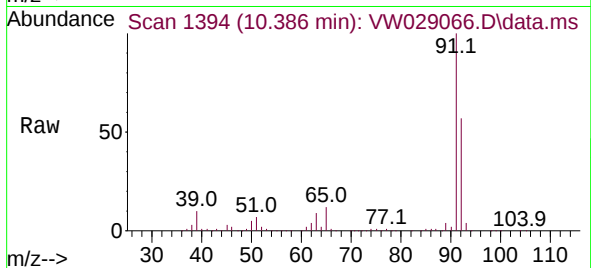
ClientSampleId :

Tgt Ion: 91 Resp: 665733

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 20.195 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029066.D

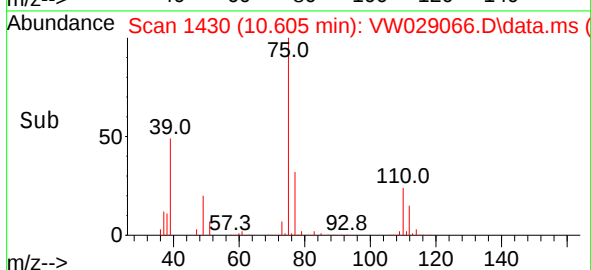
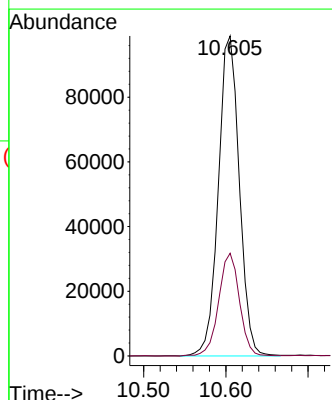
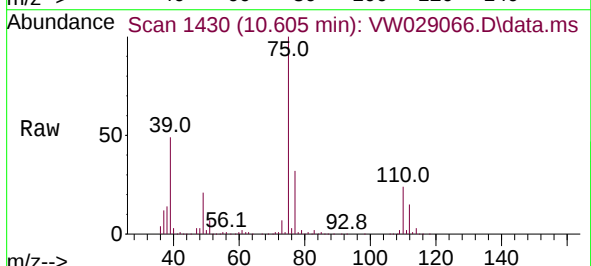
Acq: 07 Jun 2024 16:41

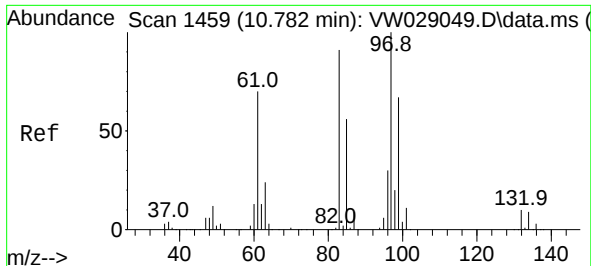
Tgt Ion: 75 Resp: 174975

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 21.374 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

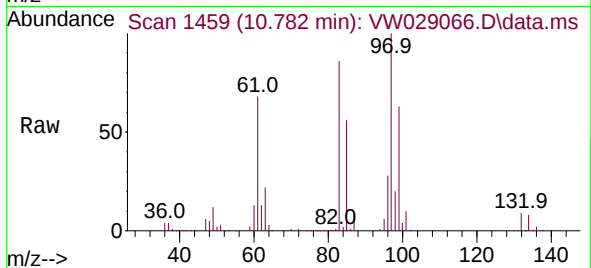
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 106750

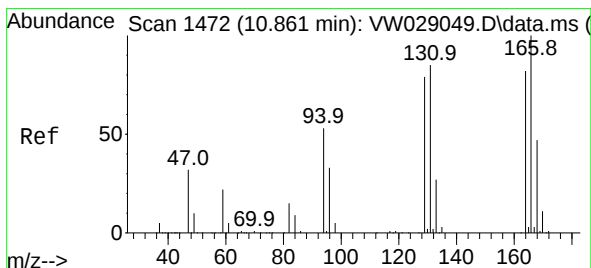
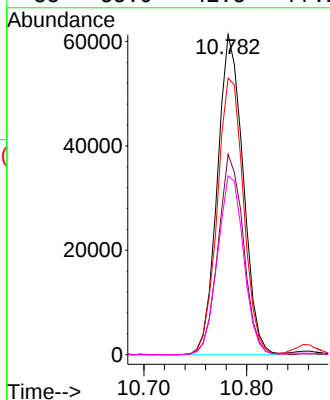
Ion Ratio Lower Upper

97 100

99 62.6 41.8 77.6

83 86.5 62.4 115.8

85 55.9 41.5 77.1



#46

Tetrachloroethene

Concen: 20.035 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Tgt Ion:164 Resp: 113007

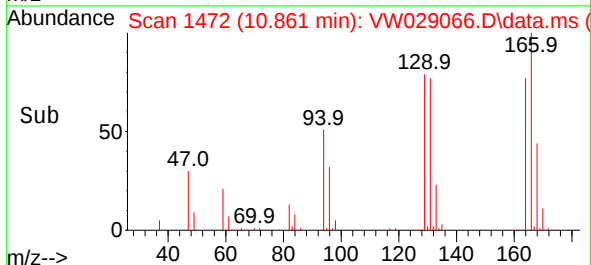
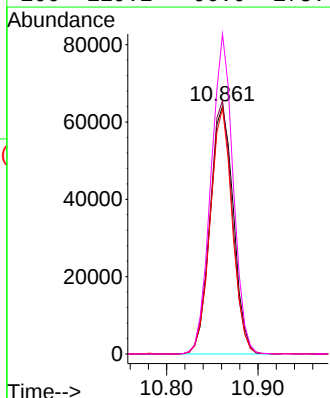
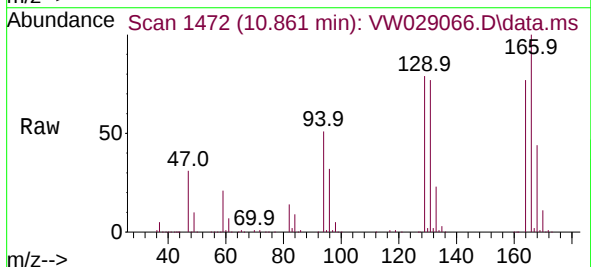
Ion Ratio Lower Upper

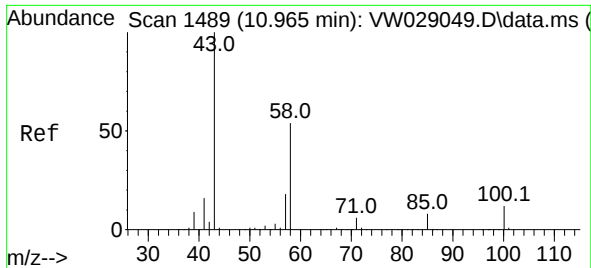
164 100

129 102.2 69.4 128.8

131 99.2 71.0 131.9

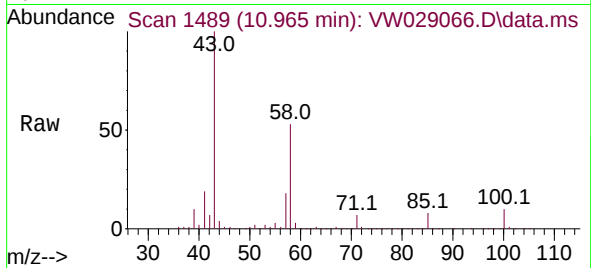
166 129.2 96.0 178.4



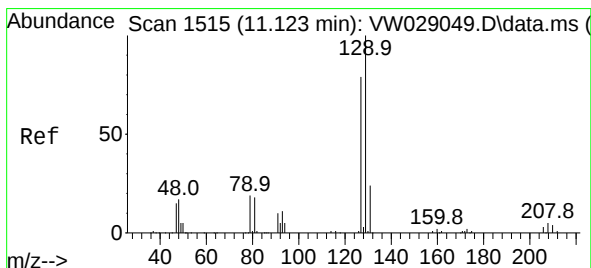
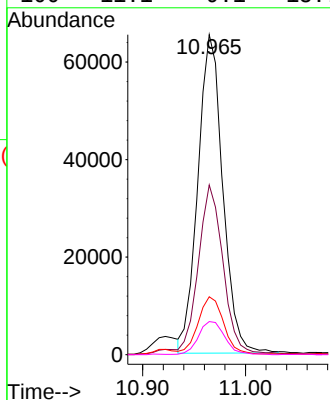
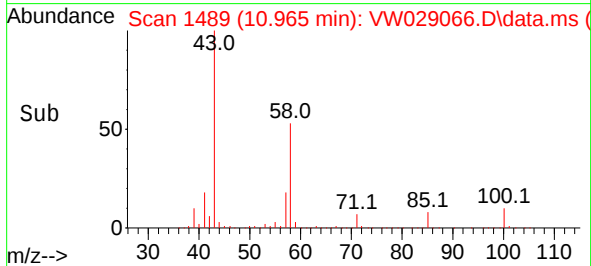


#48
2-Hexanone
Concen: 39.020 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

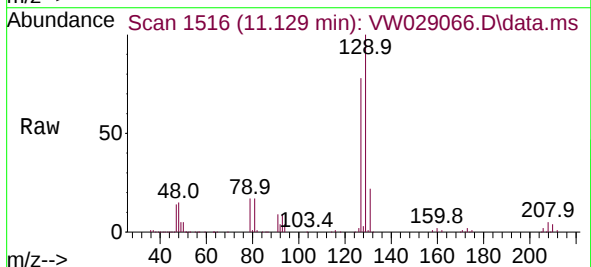
Instrument :
MSVOA_W
ClientSampleId :



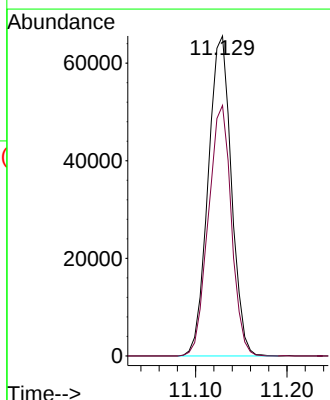
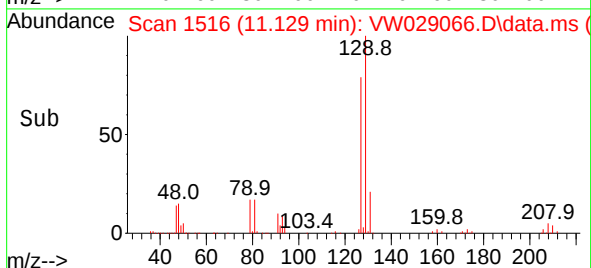
Tgt Ion: 43 Resp: 110041
Ion Ratio Lower Upper
43 100
58 52.1 41.4 62.0
57 18.4 14.2 21.4
100 11.1 9.1 13.7

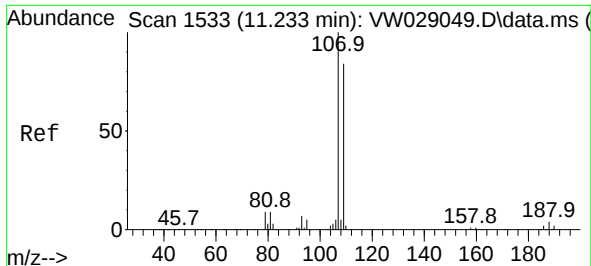


#49
Dibromochloromethane
Concen: 21.955 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41



Tgt Ion:129 Resp: 115818
Ion Ratio Lower Upper
129 100
127 78.3 56.5 104.9





#50

1,2-Dibromoethane

Concen: 21.219 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

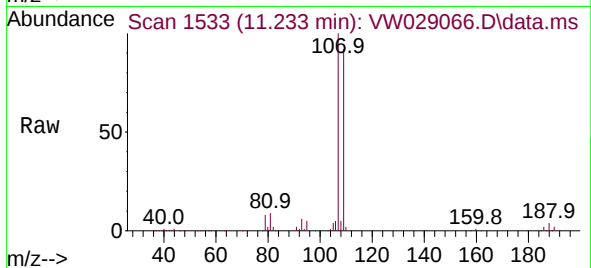
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :



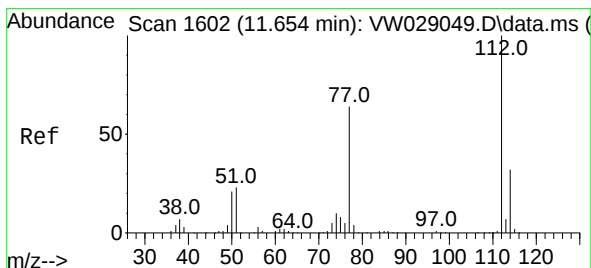
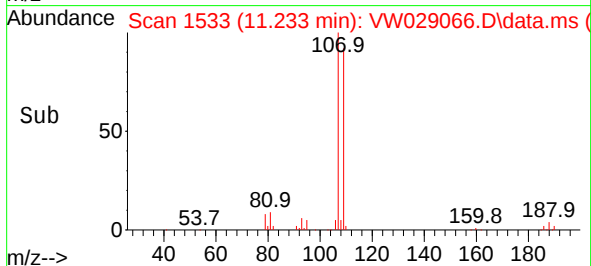
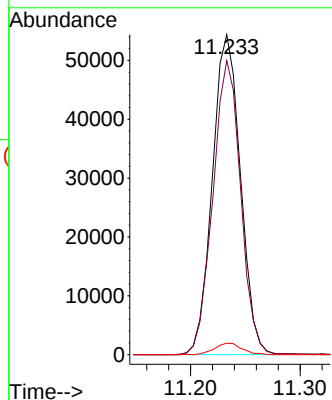
Tgt Ion:107 Resp: 96741

Ion Ratio Lower Upper

107 100

109 91.9 67.9 126.1

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 20.839 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

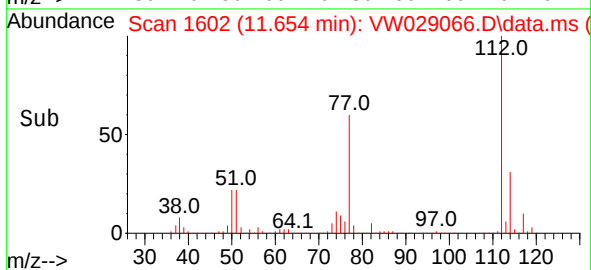
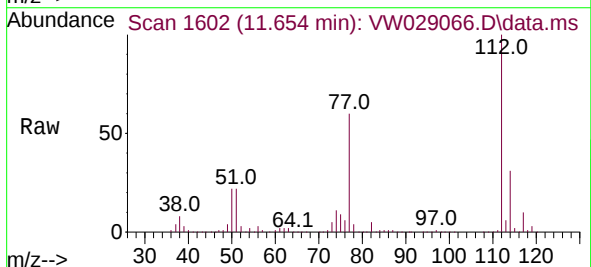
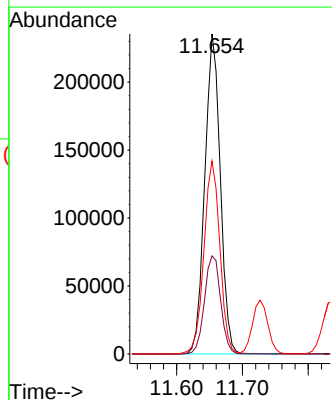
Tgt Ion:112 Resp: 386181

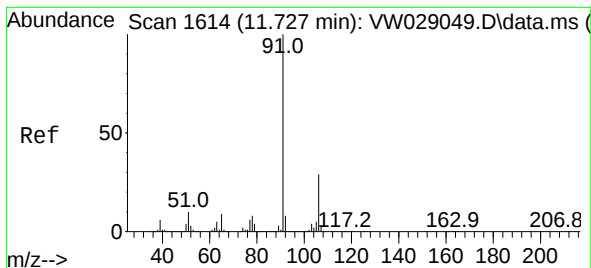
Ion Ratio Lower Upper

112 100

114 30.6 23.7 44.1

77 60.3 51.7 77.5

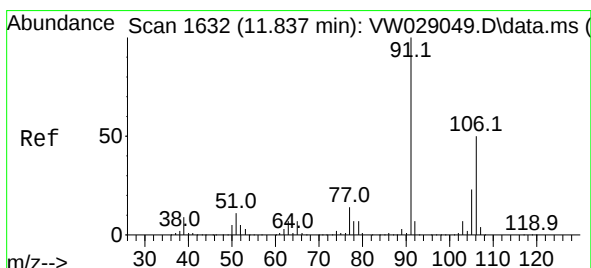
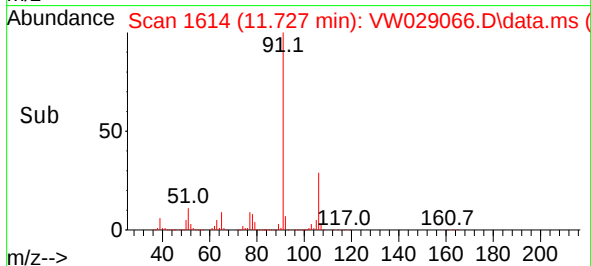
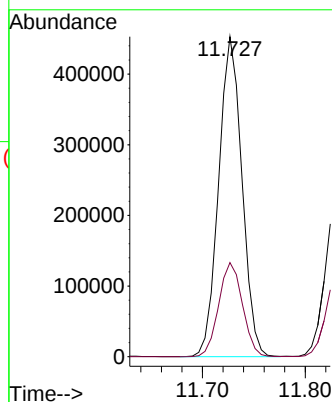
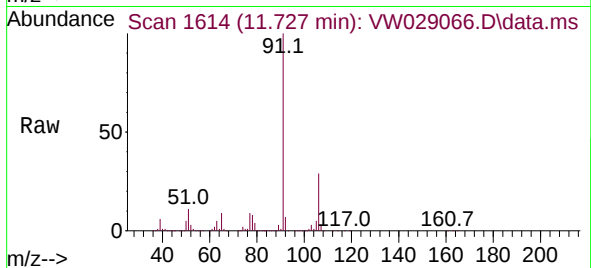




#52
Ethylbenzene
Concen: 21.741 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

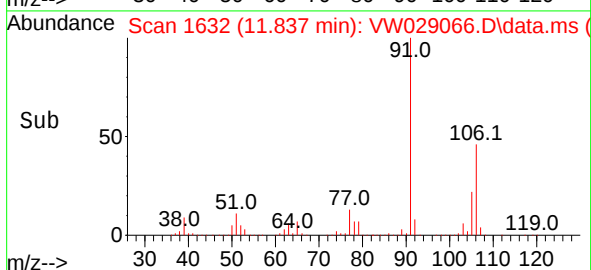
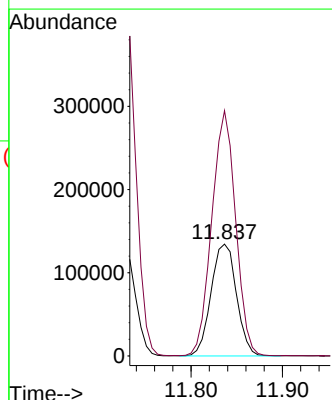
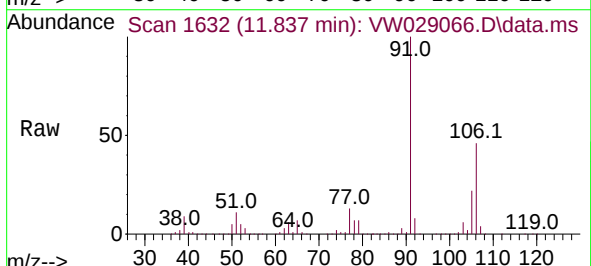
Instrument :
MSVOA_W
ClientSampleId :

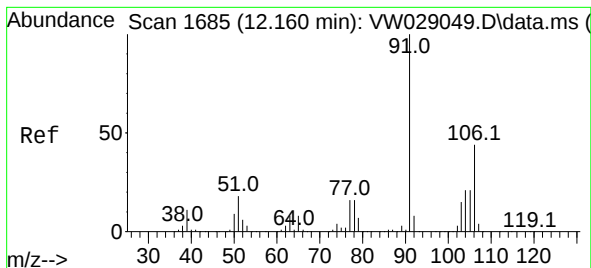
Tgt Ion: 91 Resp: 712625
Ion Ratio Lower Upper
91 100
106 29.4 19.9 37.0



#53
m,p-Xylene
Concen: 21.363 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion:106 Resp: 259355
Ion Ratio Lower Upper
106 100
91 219.3 152.0 282.2





#54

o-Xylene

Concen: 21.256 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

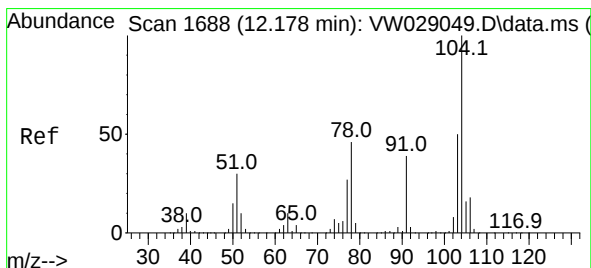
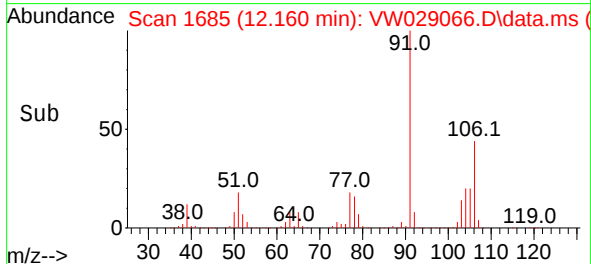
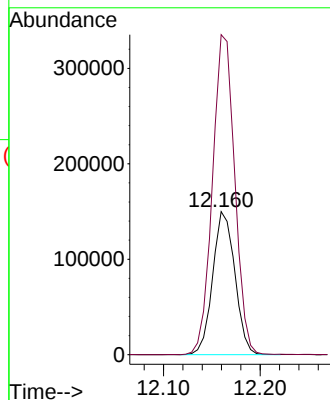
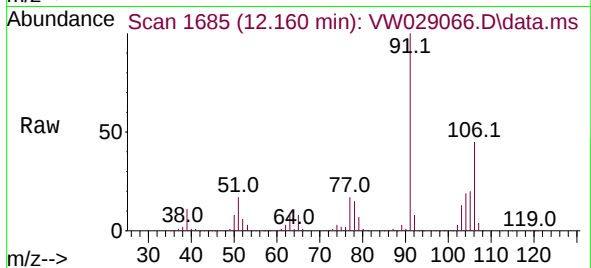
ClientSampleId :

Tgt Ion:106 Resp: 238946

Ion Ratio Lower Upper

106 100

91 223.7 152.5 283.3



#55

Styrene

Concen: 19.671 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029066.D

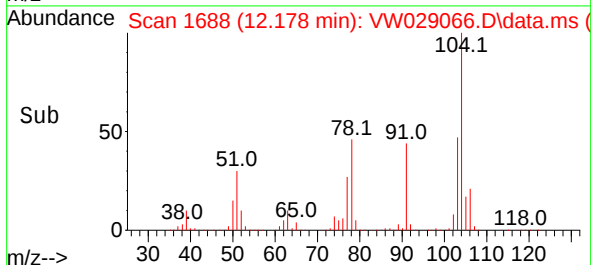
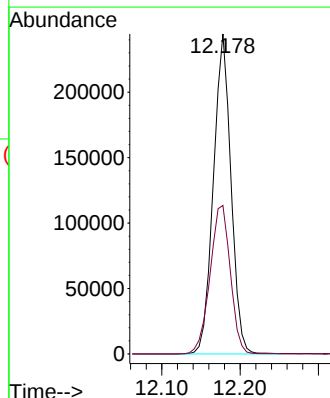
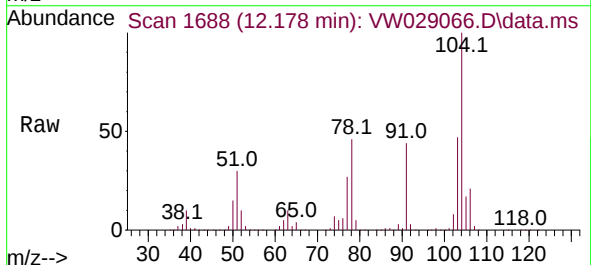
Acq: 07 Jun 2024 16:41

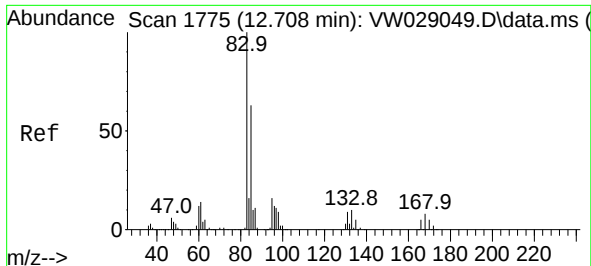
Tgt Ion:104 Resp: 381235

Ion Ratio Lower Upper

104 100

78 46.4 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 19.439 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029066.D

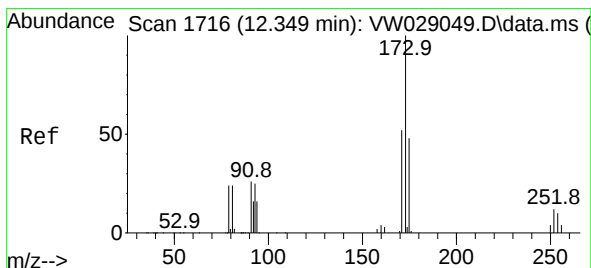
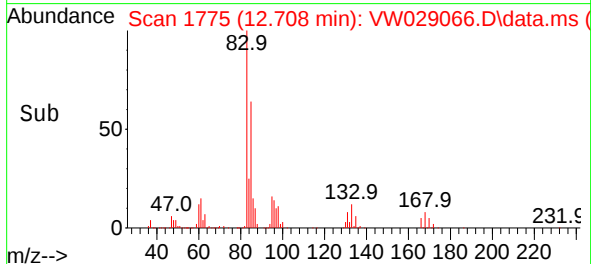
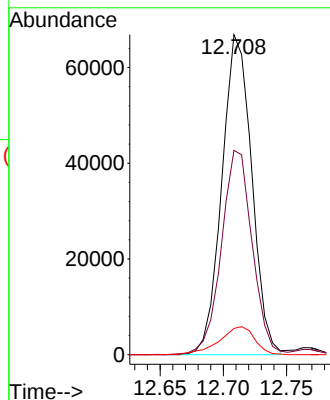
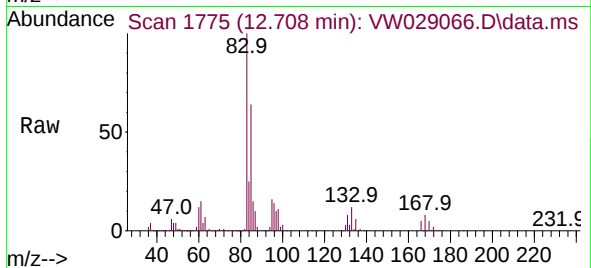
Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	109598
Ion Ratio	Lower	Upper	
83	100		
85	63.9	43.8	81.3
131	8.2	7.3	10.9



#59

Bromoform

Concen: 27.681 ug/L

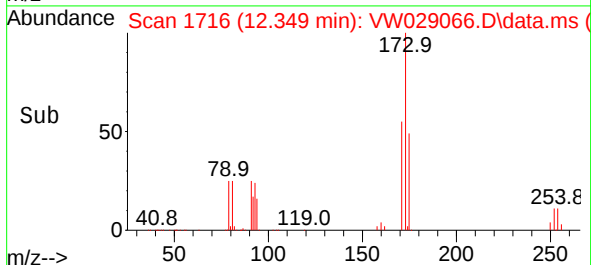
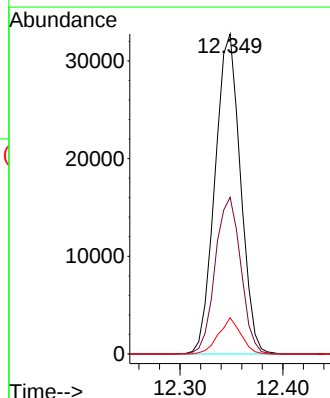
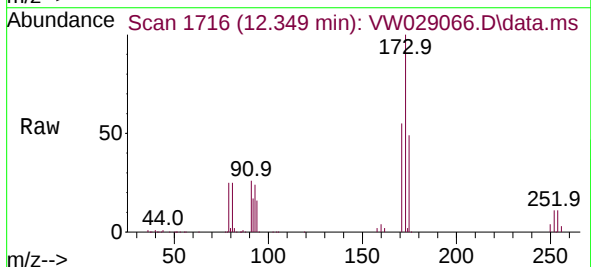
RT: 12.349 min Scan# 1716

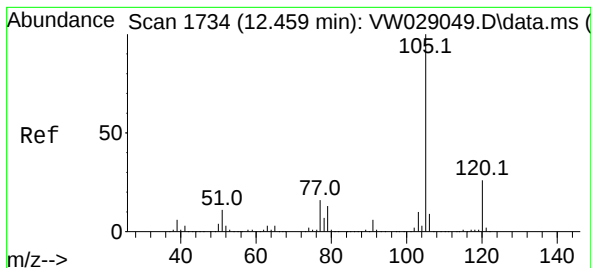
Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Tgt Ion:	173	Resp:	56331
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.1	57.1
254	9.9	8.2	12.2





#60

Isopropylbenzene

Concen: 27.593 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :

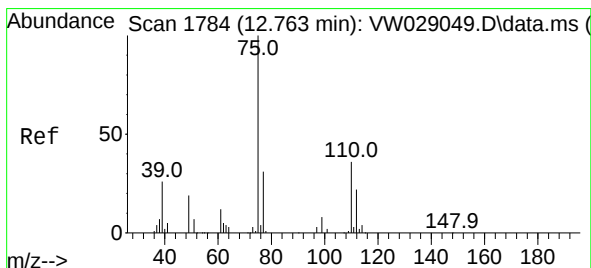
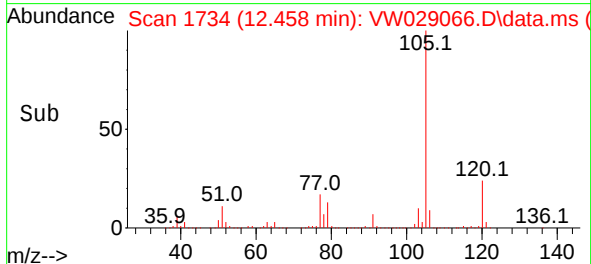
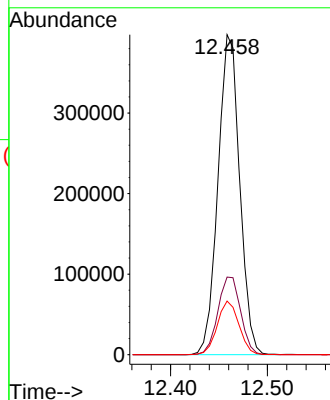
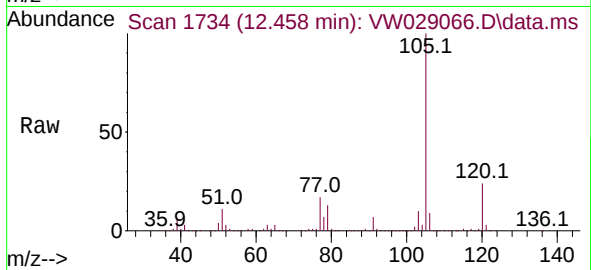
Tgt Ion:105 Resp: 618004

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

77 16.7 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 28.476 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

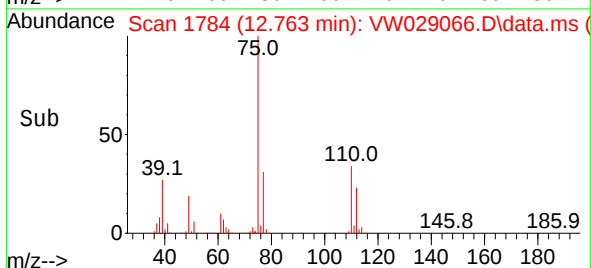
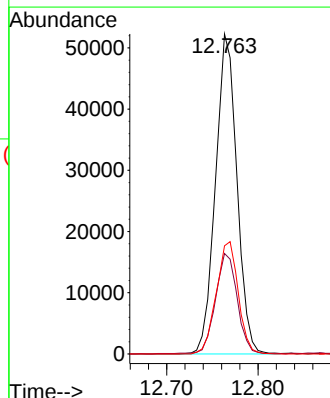
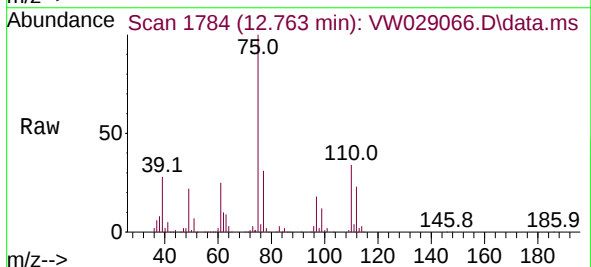
Tgt Ion: 75 Resp: 85007

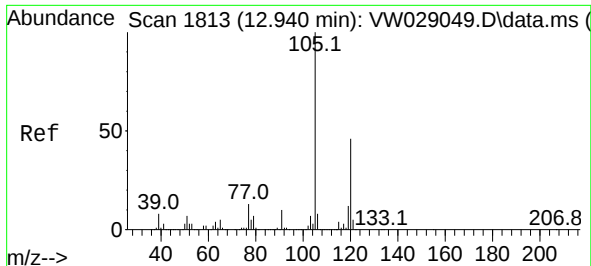
Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5

110 35.9 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 24.958 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

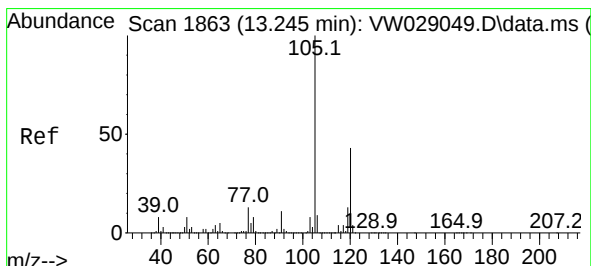
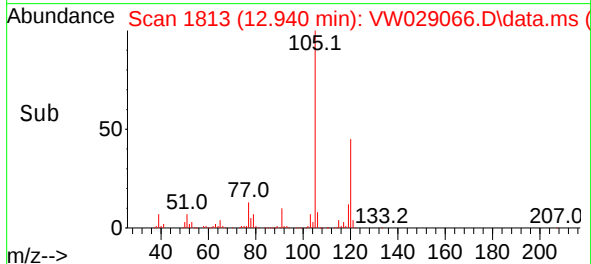
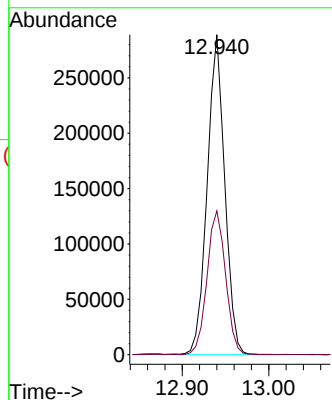
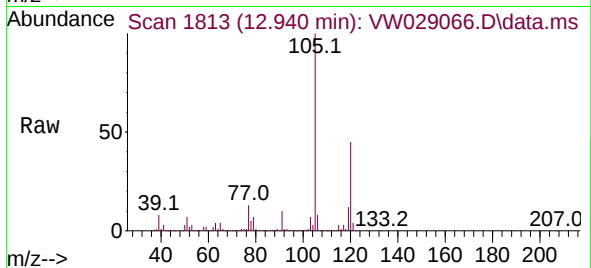
ClientSampleId :

Tgt Ion:105 Resp: 406566

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 25.129 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029066.D

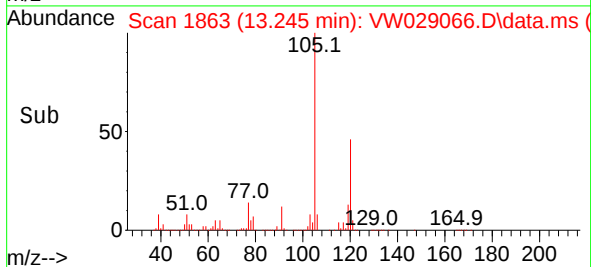
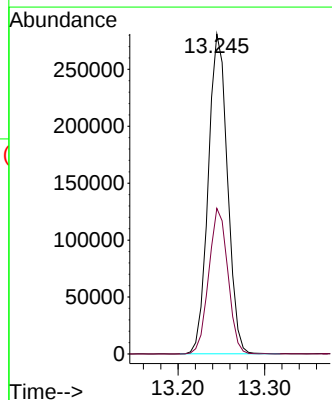
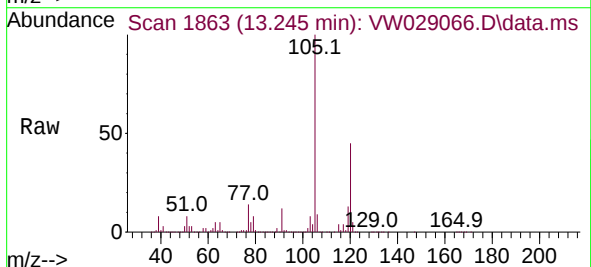
Acq: 07 Jun 2024 16:41

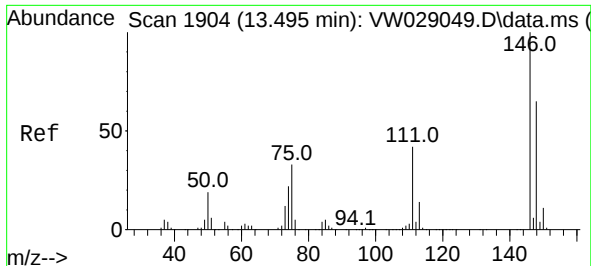
Tgt Ion:105 Resp: 432610

Ion Ratio Lower Upper

105 100

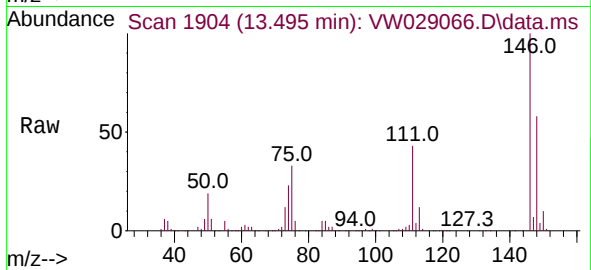
120 45.2 35.8 53.8



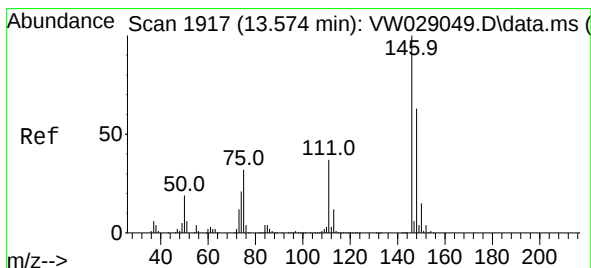
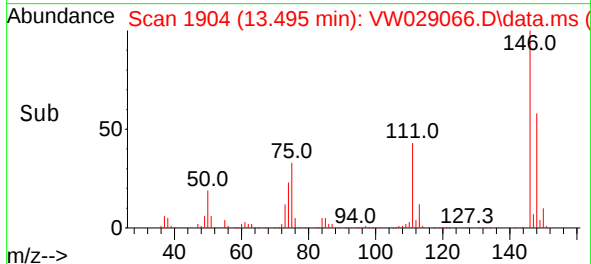
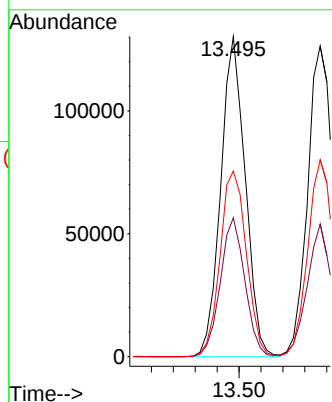


#64
1,3-Dichlorobenzene
Concen: 20.982 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Instrument :
MSVOA_W
ClientSampleId :

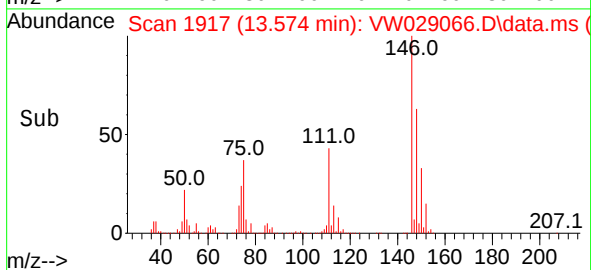
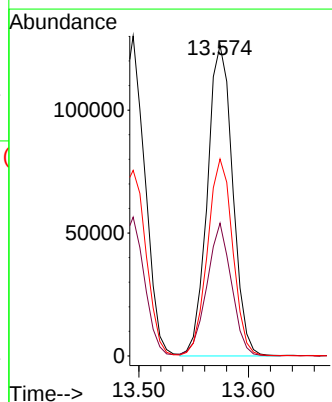
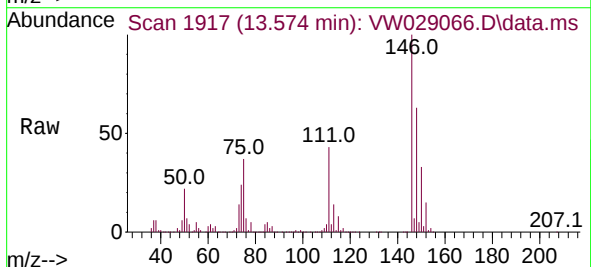


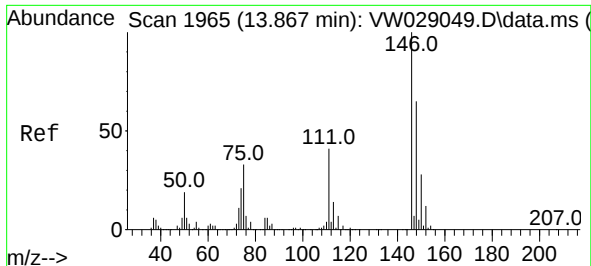
Tgt Ion:146 Resp: 201949
Ion Ratio Lower Upper
146 100
111 43.4 29.4 54.6
148 58.0 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 20.206 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion:146 Resp: 203122
Ion Ratio Lower Upper
146 100
111 42.7 27.5 51.1
148 63.4 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 19.472 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :

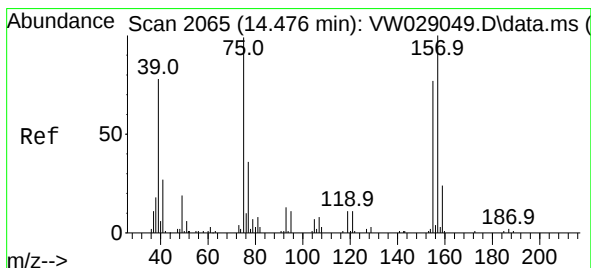
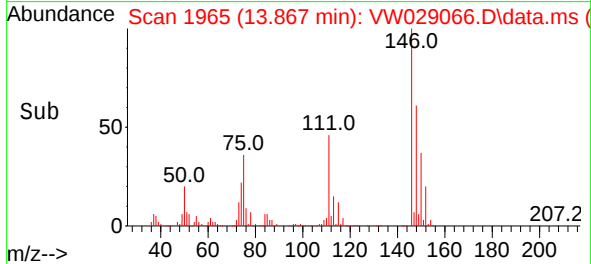
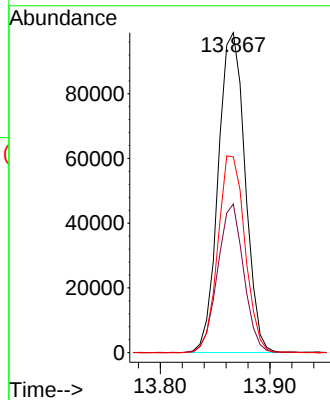
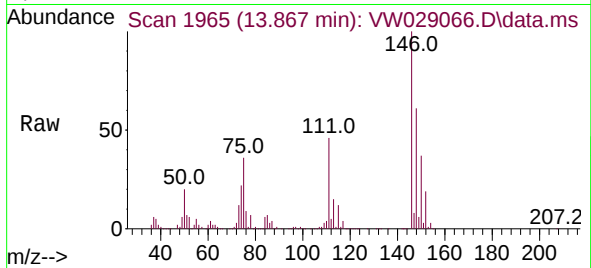
Tgt Ion:146 Resp: 167981

Ion Ratio Lower Upper

146 100

111 46.4 32.8 49.2

148 61.2 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 23.722 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

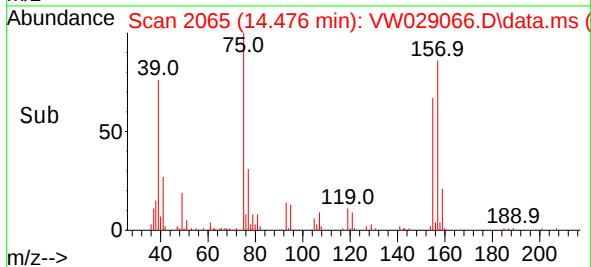
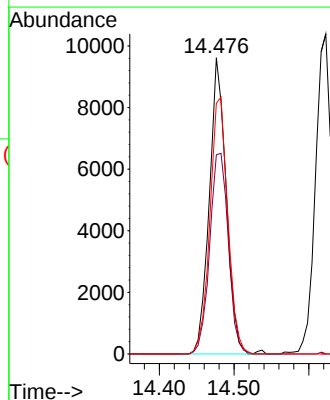
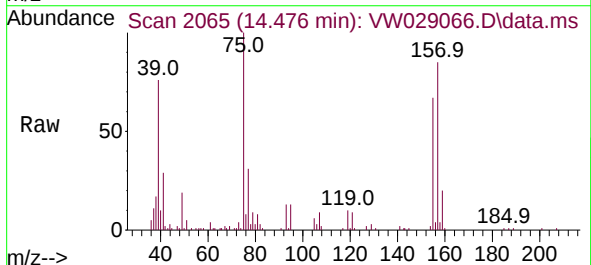
Tgt Ion: 75 Resp: 15094

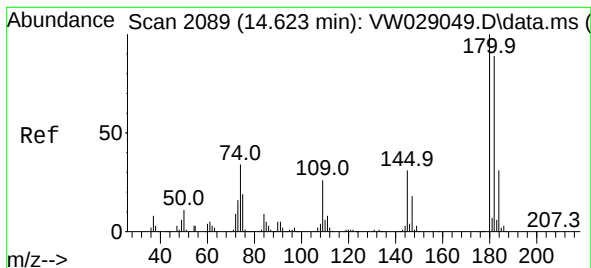
Ion Ratio Lower Upper

75 100

155 67.3 52.3 78.5

157 84.7 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 11.875 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

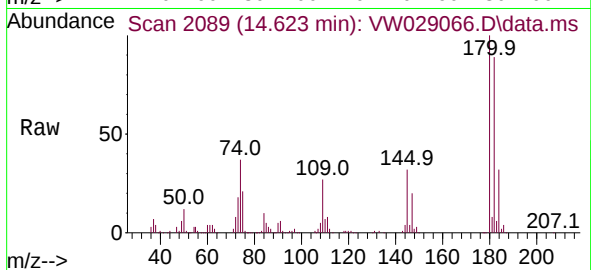
Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 78480

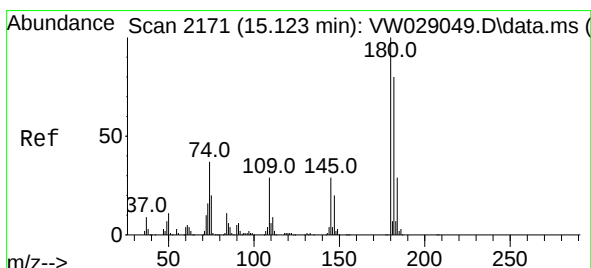
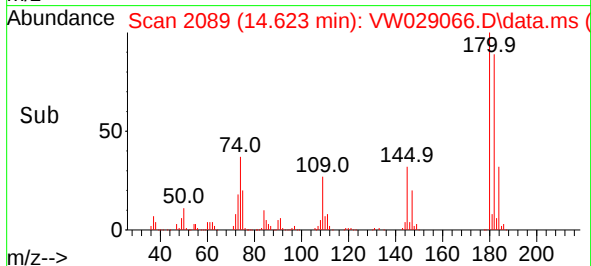
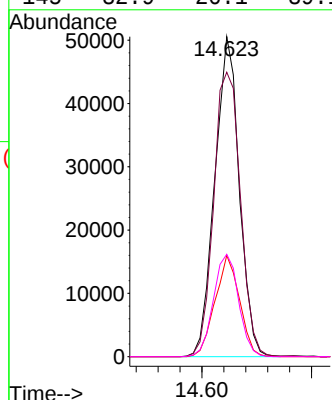
Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.0

184 31.6 24.6 36.8

145 32.9 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 9.565 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029066.D

Acq: 07 Jun 2024 16:41

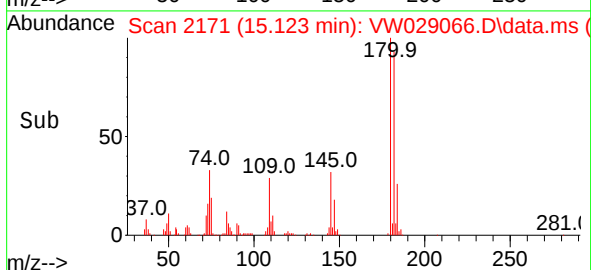
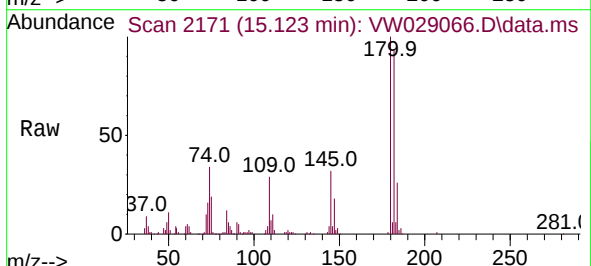
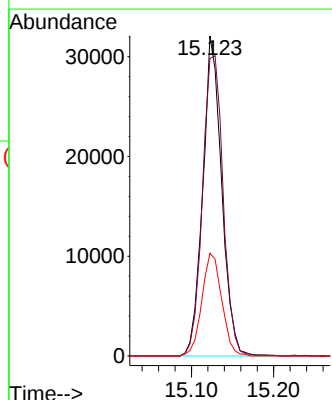
Tgt Ion:180 Resp: 51230

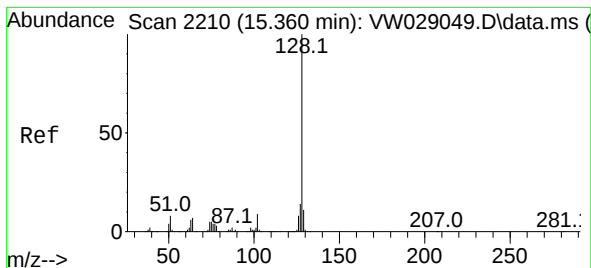
Ion Ratio Lower Upper

180 100

182 102.1 75.3 112.9

145 33.7 26.2 39.2

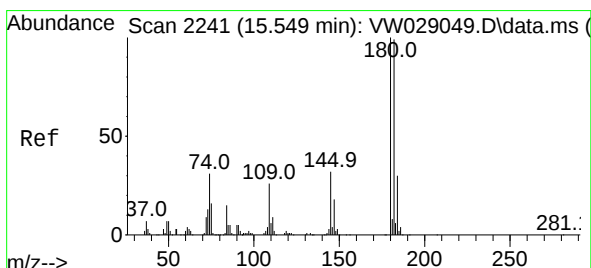
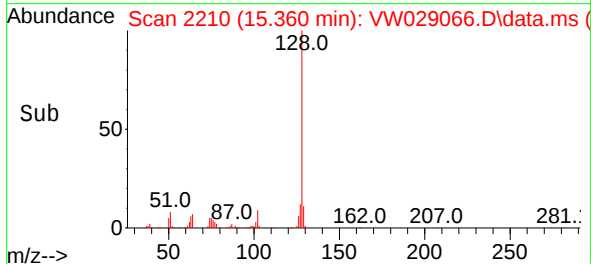
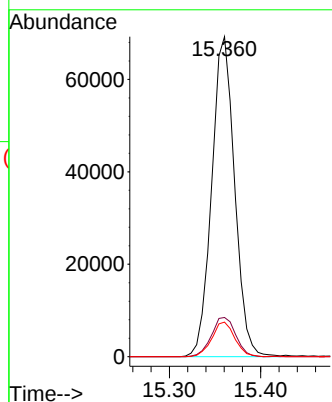
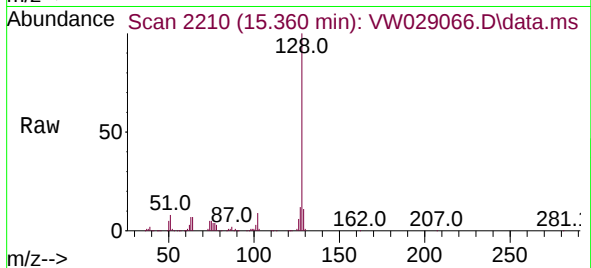




#71
Naphthalene
Concen: 13.199 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 120452
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 8.557 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029066.D
Acq: 07 Jun 2024 16:41

Tgt Ion:180 Resp: 39160
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 34.4 26.6 39.8

