

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028304.D
 Acq On : 04 Apr 2024 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 00:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	215509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	49733	19.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.905	69	43723	24.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.027	65	31839	19.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	7.087	46	41469	55.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.520%
24) Chloroform-d	7.654	84	172072	27.077	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.320%
26) 1,2-Dichloroethane-d4	8.307	65	85959	24.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.276	84	316693	26.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	9.276	67	98243	28.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.760%
41) Toluene-d8	10.325	98	278006	24.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.560%
43) trans-1,3-Dichloroprop...	10.575	79	38742	24.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.920%
47) 2-Hexanone-d5	10.922	63	32195	55.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74354	28.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	100881	26.017	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	68262	21.835	ug/L	92
3) Chloromethane	2.229	50	53976	24.343	ug/L	99
5) Vinyl chloride	2.375	62	68763	27.435	ug/L	99
6) Bromomethane	2.796	94	40170	26.911	ug/L	94
8) Chloroethane	2.942	64	39494	29.316	ug/L	99
9) Trichlorofluoromethane	3.277	101	82221	27.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82532	27.415	ug/L	97
12) 1,1-Dichloroethene	4.051	96	74669	26.831	ug/L #	75
13) Acetone	4.137	43	35479	42.966	ug/L	98
14) Carbon disulfide	4.393	76	209140	24.095	ug/L	99
15) Methyl Acetate	4.679	43	30634	24.085	ug/L	99
16) Methylene chloride	4.929	84	79792	24.327	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	78107	26.410	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	116211	26.044	ug/L	98
19) 1,1-Dichloroethane	6.222	63	160467	28.026	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	88526	27.715	ug/L	99
22) 2-Butanone	7.173	43	43349	46.237	ug/L	99
23) Bromochloromethane	7.520	128	37633	26.650	ug/L	100
25) Chloroform	7.679	83	159826	27.115	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028304.D
 Acq On : 04 Apr 2024 09:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 00:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 04 03:01:50 2024
 Response via : Initial Calibration

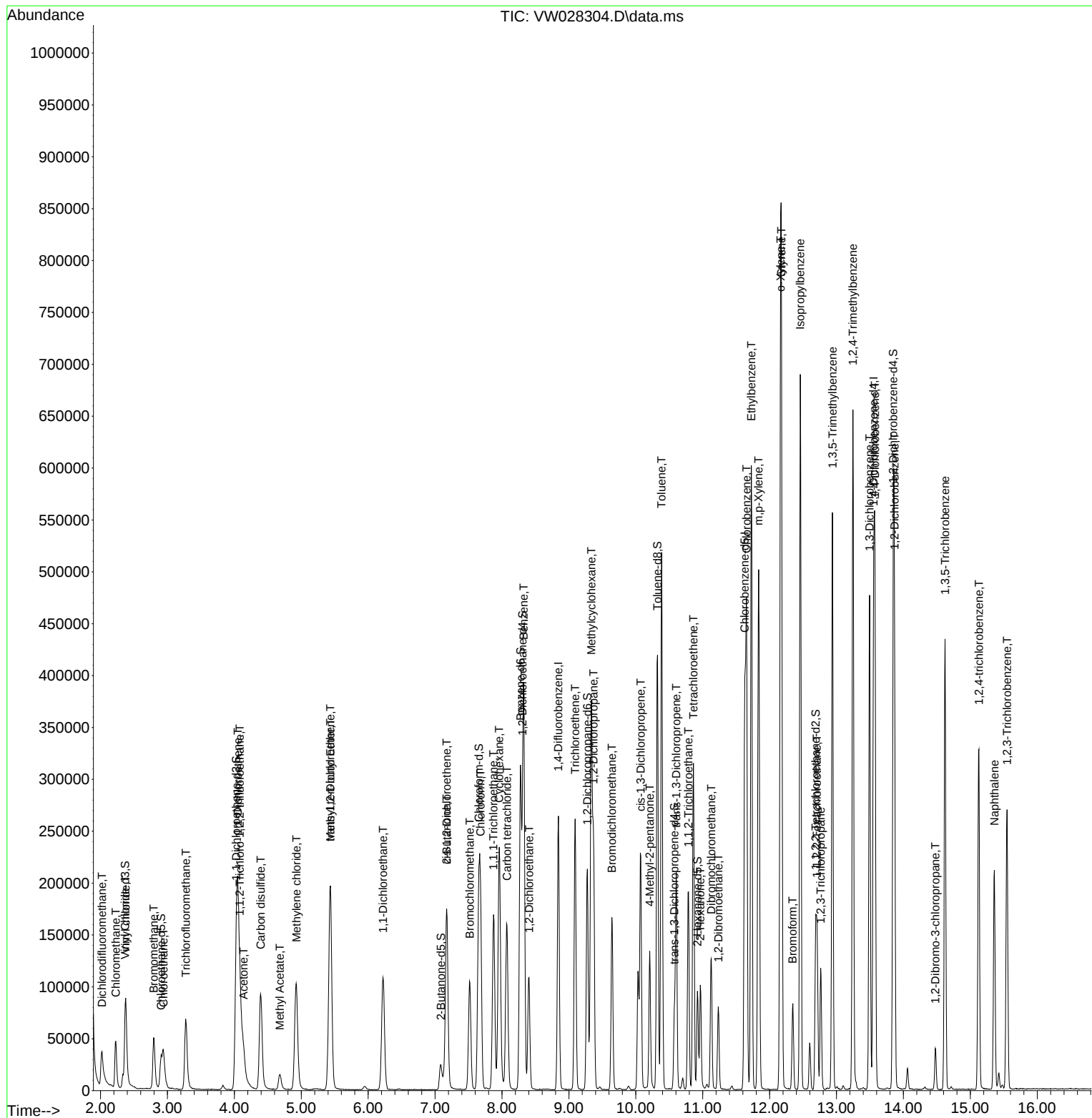
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	101541	24.394	ug/L #	94
29) Cyclohexane	7.959	56	137121	26.504	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	137378	26.422	ug/L	99
31) Carbon tetrachloride	8.075	117	126634	25.965	ug/L	96
33) Benzene	8.325	78	338679	27.748	ug/L	100
34) Trichloroethene	9.093	95	91141	26.765	ug/L	98
35) Methylcyclohexane	9.337	83	149098	25.904	ug/L	99
37) 1,2-Dichloropropane	9.367	63	89047	28.523	ug/L	99
38) Bromodichloromethane	9.642	83	111737	26.547	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	136412	27.284	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	85321	49.512	ug/L	99
42) Toluene	10.386	91	371358	27.878	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	110322	26.136	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	59541	26.397	ug/L	98
46) Tetrachloroethene	10.861	164	73662	26.836	ug/L	96
48) 2-Hexanone	10.965	43	63659	47.159	ug/L	98
49) Dibromochloromethane	11.129	129	67639	25.320	ug/L	100
50) 1,2-Dibromoethane	11.233	107	54536	25.286	ug/L	98
51) Chlorobenzene	11.654	112	231003	27.321	ug/L	98
52) Ethylbenzene	11.727	91	426420	27.422	ug/L	97
53) m,p-Xylene	11.837	106	161090	27.529	ug/L	94
54) o-Xylene	12.166	106	150303	27.698	ug/L	94
55) Styrene	12.178	104	263066	28.223	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	67291	26.082	ug/L	94
59) Bromoform	12.343	173	37826	23.716	ug/L	97
60) Isopropylbenzene	12.458	105	426072	26.942	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47574	23.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	285172	26.875	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	349300	27.262	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	189115	26.805	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	182932	25.930	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	165727	27.277	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10335	21.658	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	133090	27.081	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	107496	25.748	ug/L	99
71) Naphthalene	15.360	128	179146	25.000	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88357	25.672	ug/L	98

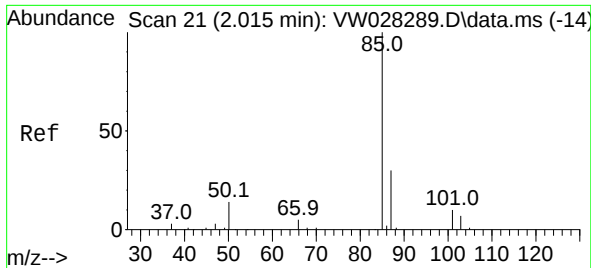
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
Data File : VW028304.D
Acq On : 04 Apr 2024 09:42
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 05 00:57:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 04 03:01:50 2024
Response via : Initial Calibration

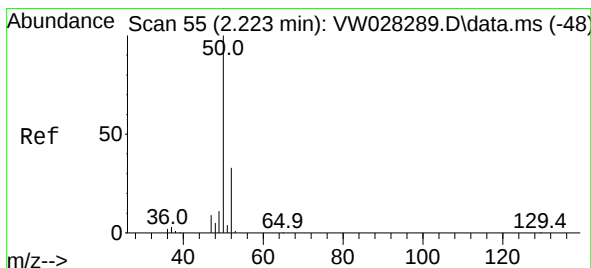
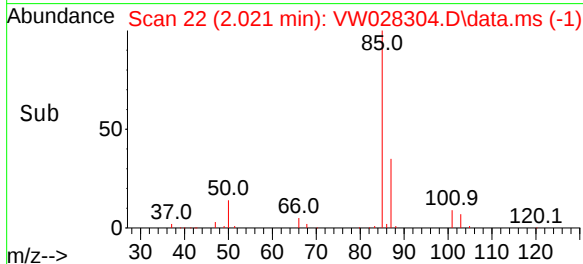
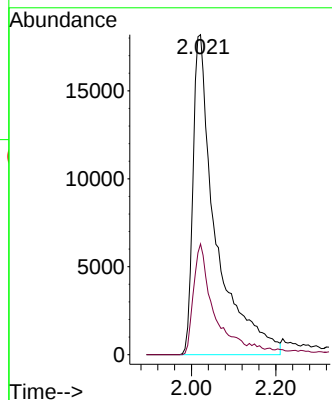
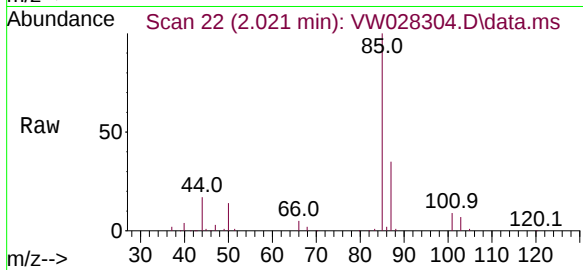




#2
 Dichlorodifluoromethane
 Concen: 21.835 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

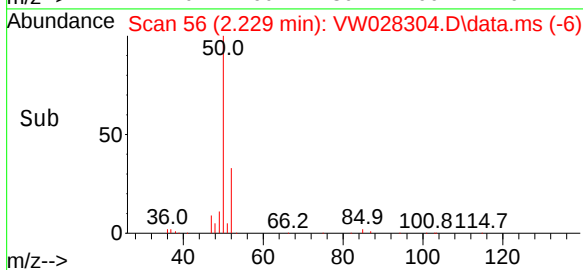
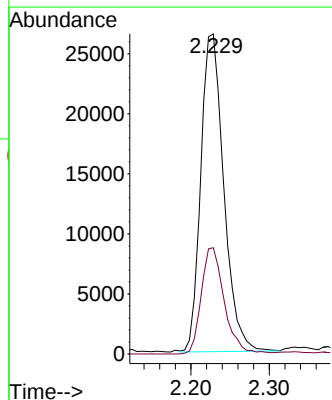
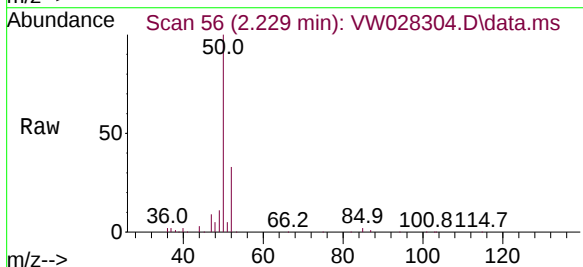
Instrument :
 MSVOA_W
 ClientSampleId :

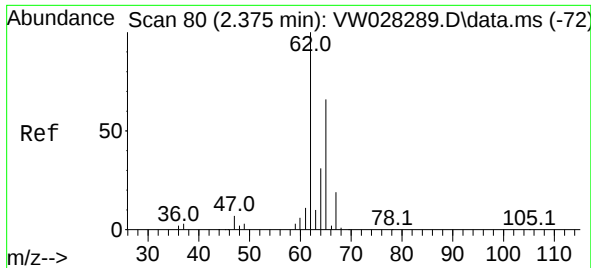
Tgt Ion: 85 Resp: 68262
 Ion Ratio Lower Upper
 85 100
 87 30.3 20.9 31.3



#3
 Chloromethane
 Concen: 24.343 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

Tgt Ion: 50 Resp: 53976
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

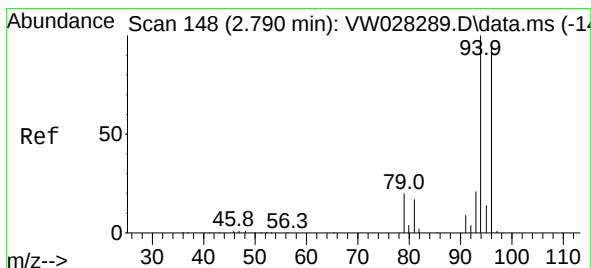
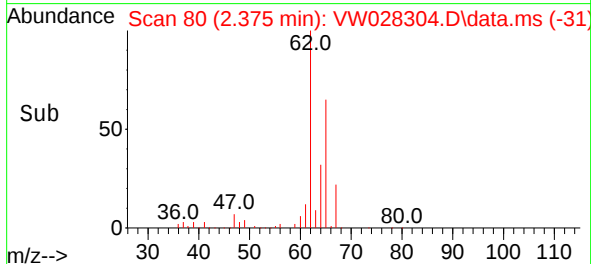
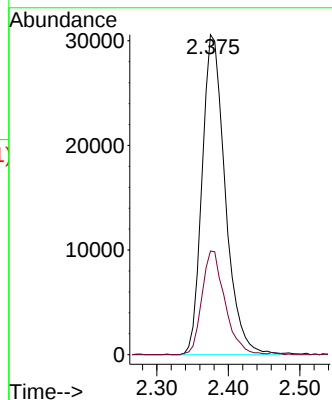
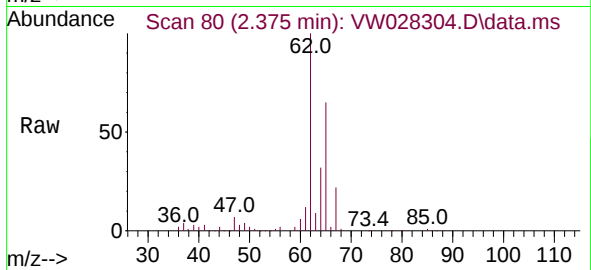




#5
 Vinyl chloride
 Concen: 27.435 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

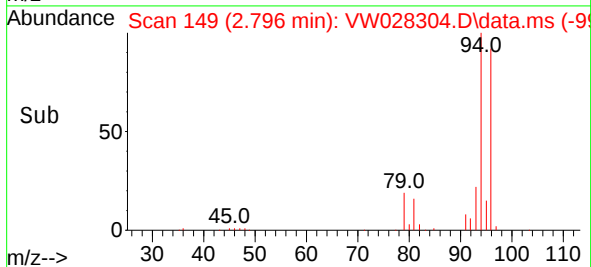
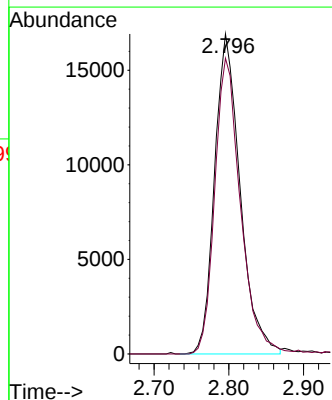
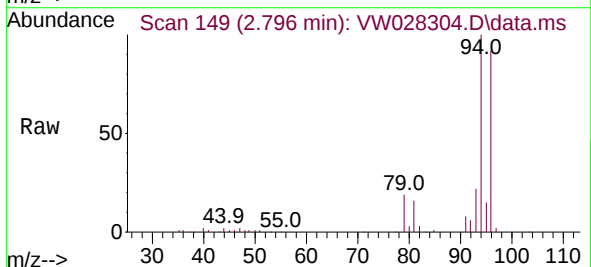
Instrument :
 MSVOA_W
 ClientSampleId :

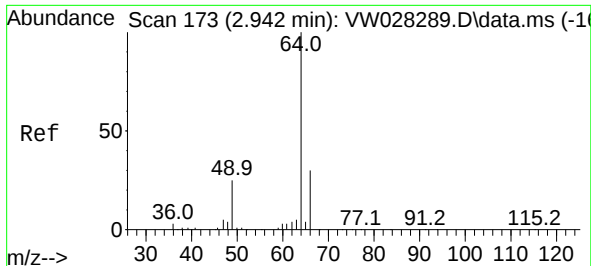
Tgt Ion: 62 Resp: 68763
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.7



#6
 Bromomethane
 Concen: 26.911 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

Tgt Ion: 94 Resp: 40170
 Ion Ratio Lower Upper
 94 100
 96 92.4 60.8 113.0

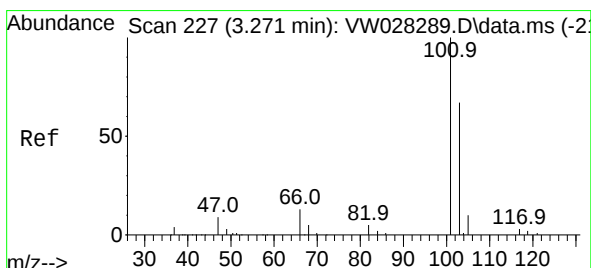
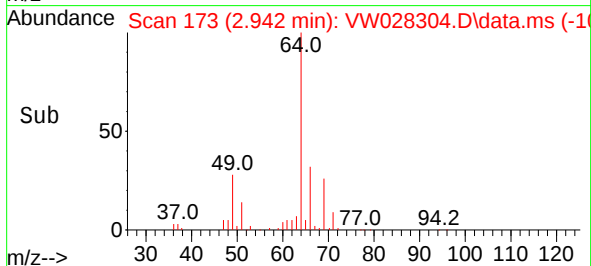
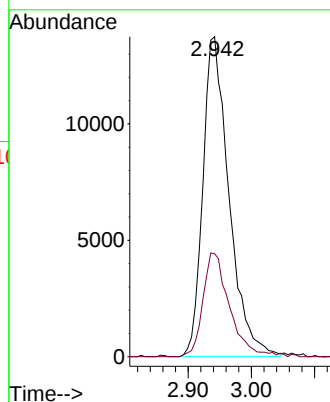
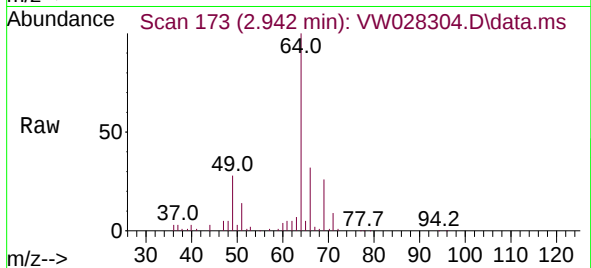




#8
Chloroethane
Concen: 29.316 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

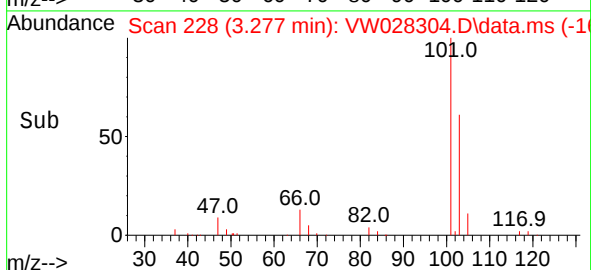
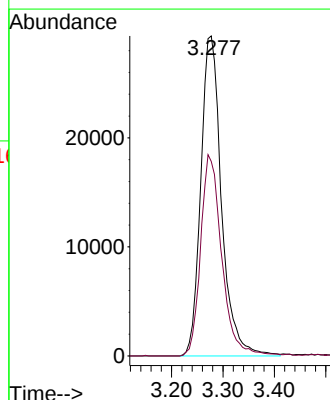
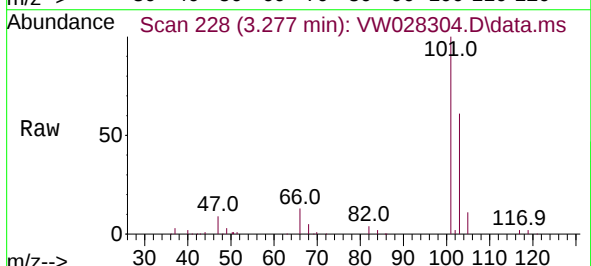
Instrument :
MSVOA_W
ClientSampleId :

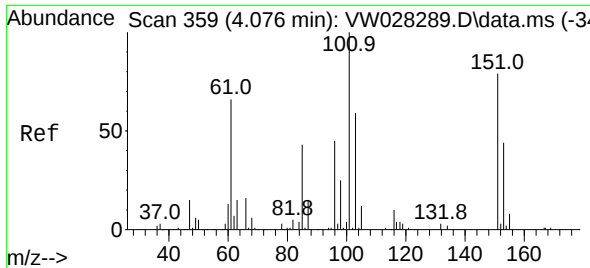
Tgt Ion: 64 Resp: 39494
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 27.132 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion:101 Resp: 82221
Ion Ratio Lower Upper
101 100
103 63.9 50.9 76.3

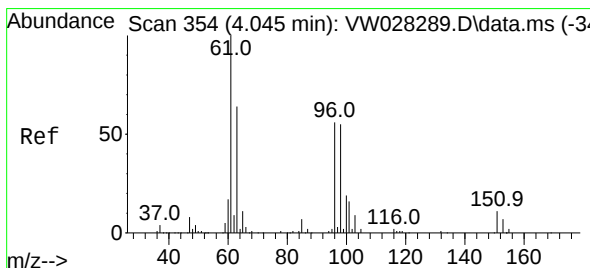
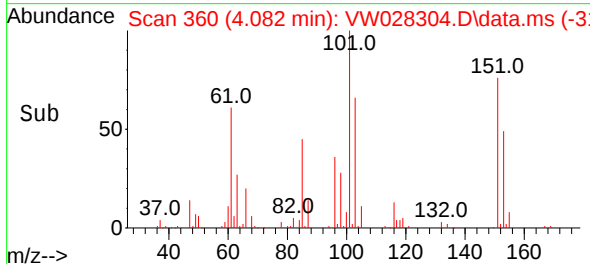
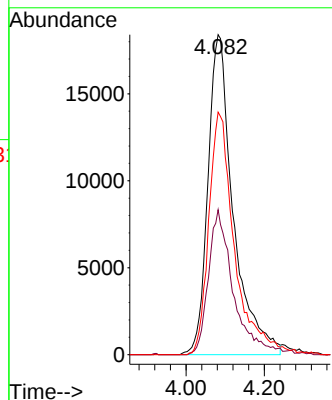
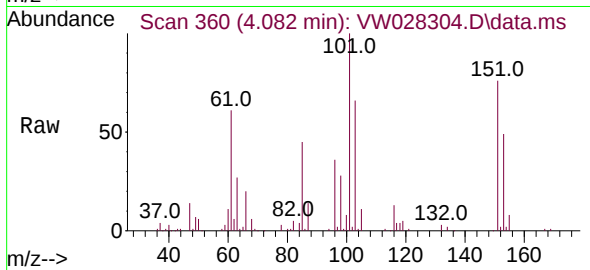




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.415 ug/L
 RT: 4.082 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

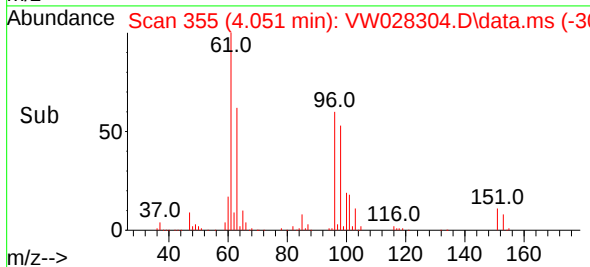
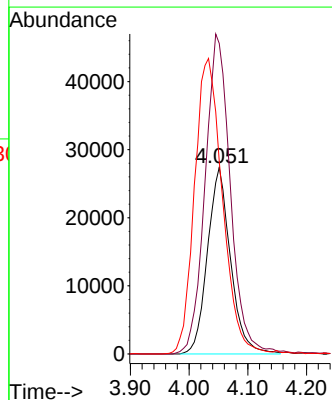
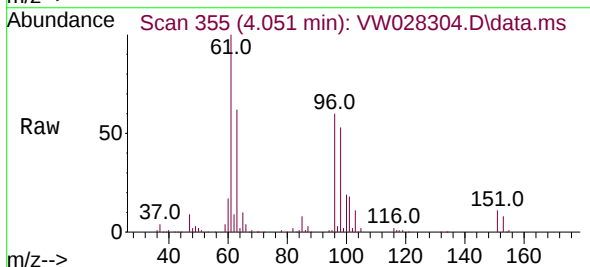
Instrument :
 MSVOA_W
 ClientSampleId :

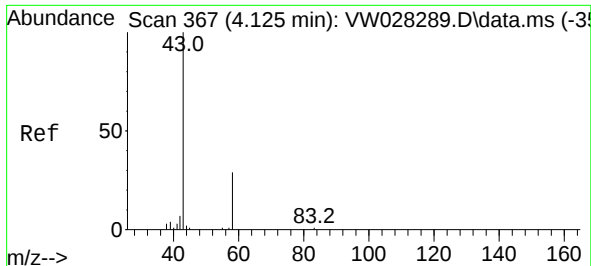
Tgt Ion:101 Resp: 82532
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.4 54.6
 151 69.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 26.831 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

Tgt Ion: 96 Resp: 74669
 Ion Ratio Lower Upper
 96 100
 61 166.5 132.2 245.4
 63 103.4 104.6 194.2#

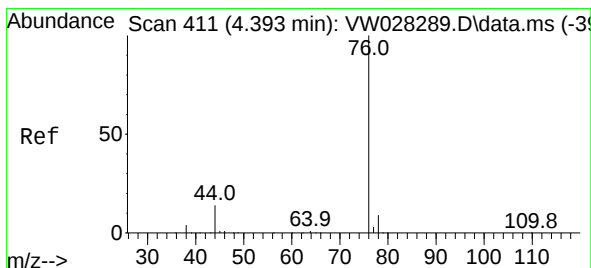
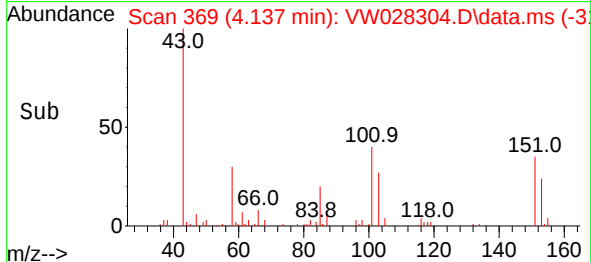
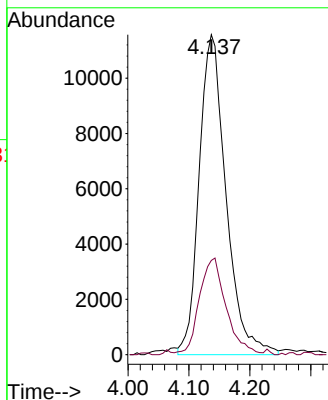
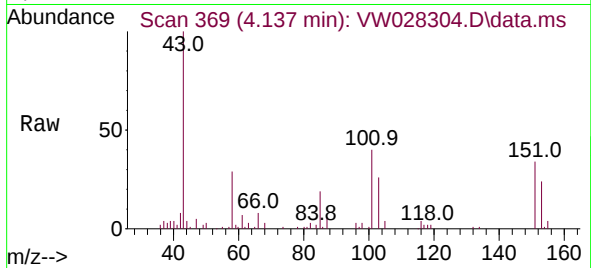




#13
Acetone
Concen: 42.966 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

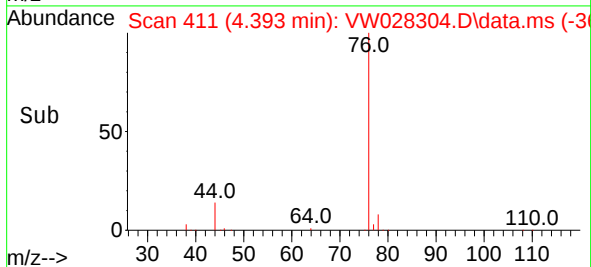
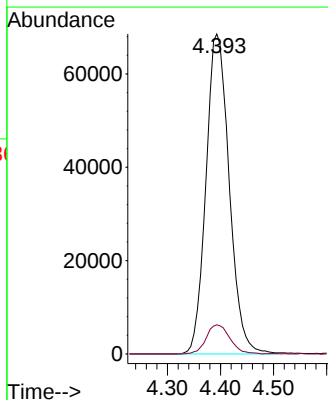
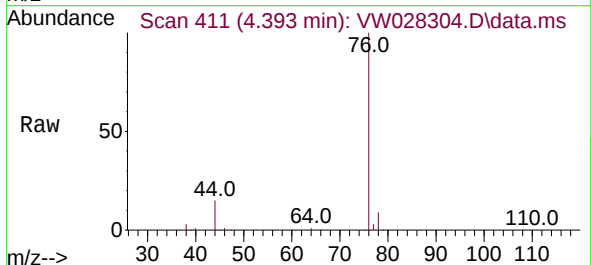
Instrument :
MSVOA_W
ClientSampleId :

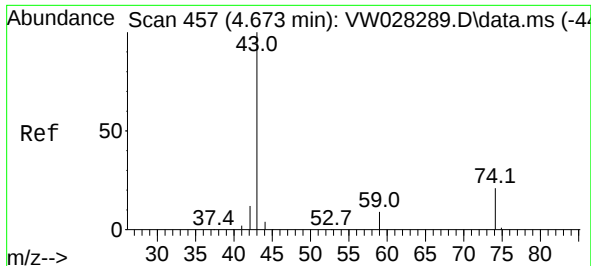
Tgt Ion: 43 Resp: 35479
Ion Ratio Lower Upper
43 100
58 30.1 0.0 57.8



#14
Carbon disulfide
Concen: 24.095 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion: 76 Resp: 209140
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 24.085 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

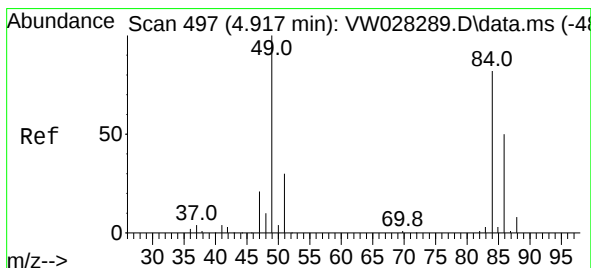
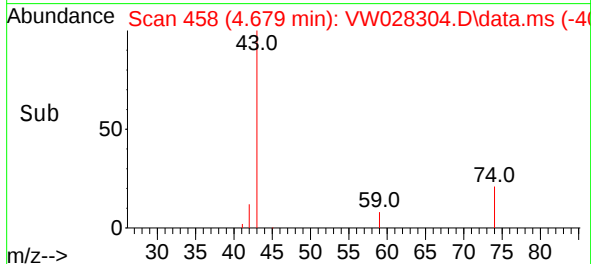
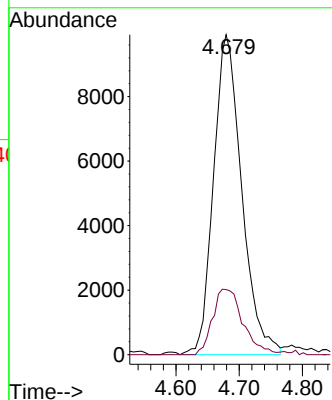
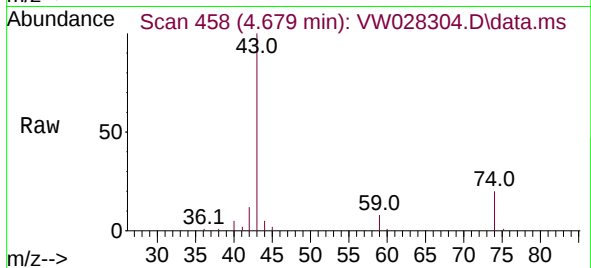
ClientSampleId :

Tgt Ion: 43 Resp: 30634

Ion Ratio Lower Upper

43 100

74 22.0 18.2 27.2



#16

Methylene chloride

Concen: 24.327 ug/L

RT: 4.929 min Scan# 499

Delta R.T. 0.012 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

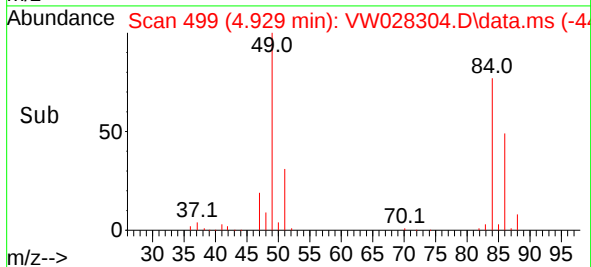
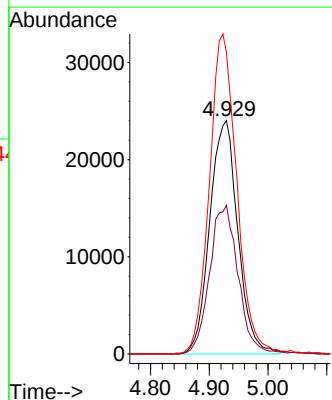
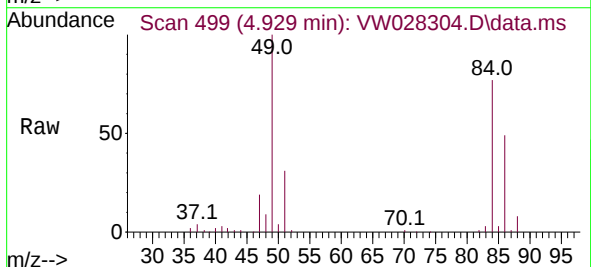
Tgt Ion: 84 Resp: 79792

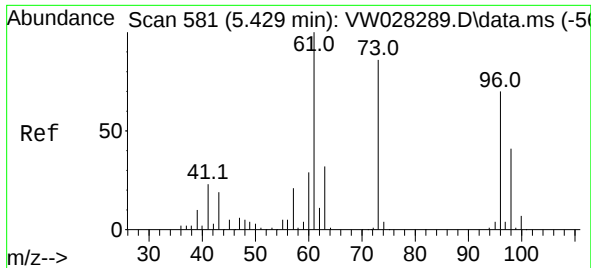
Ion Ratio Lower Upper

84 100

86 63.7 43.1 80.1

49 129.1 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 26.410 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

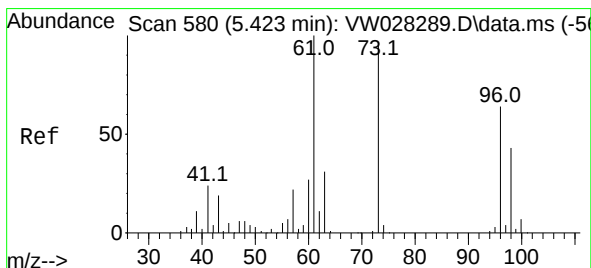
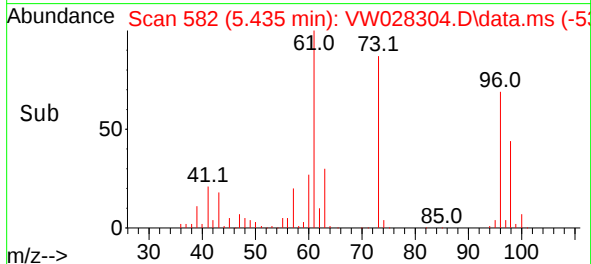
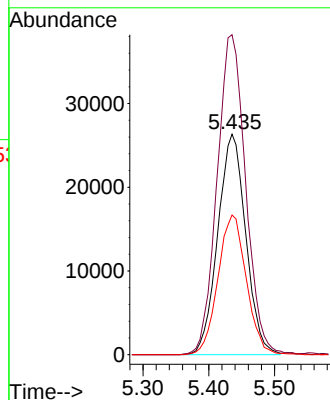
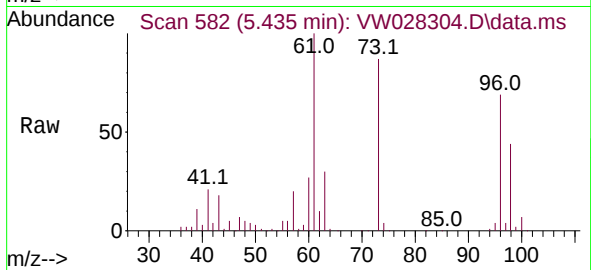
Tgt Ion: 96 Resp: 78107

Ion Ratio Lower Upper

96 100

61 145.1 98.4 182.8

98 63.3 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 26.044 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.012 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

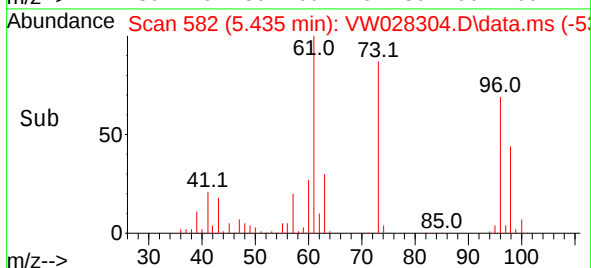
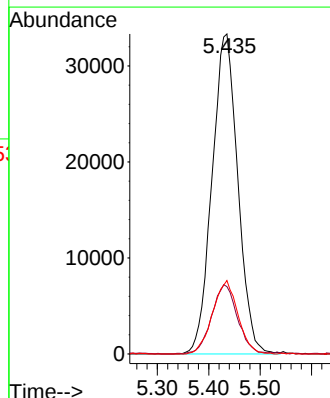
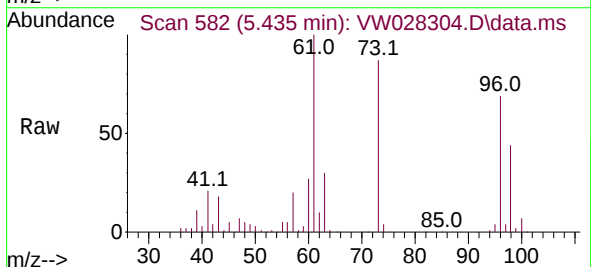
Tgt Ion: 73 Resp: 116211

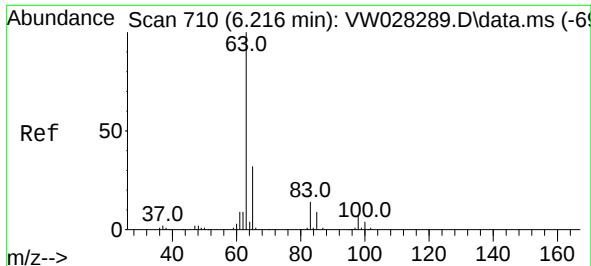
Ion Ratio Lower Upper

73 100

43 21.5 18.2 27.4

57 22.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 28.026 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

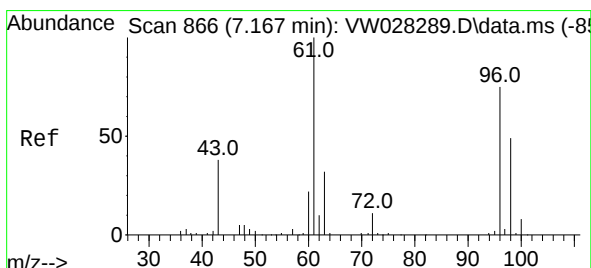
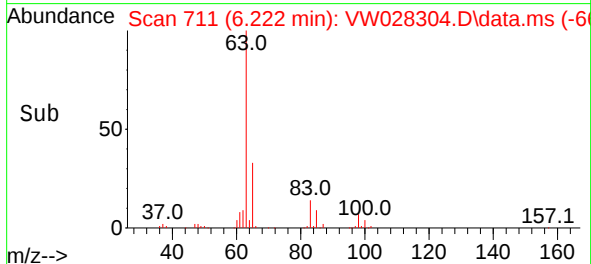
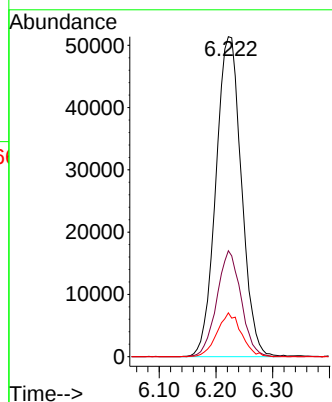
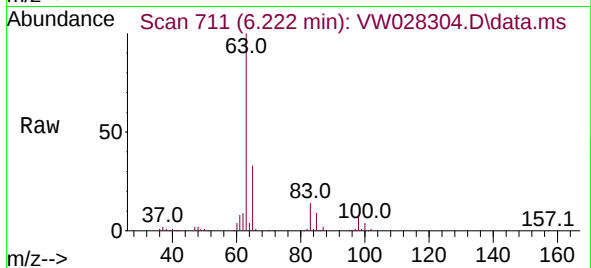
Tgt Ion: 63 Resp: 160467

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

83 13.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 27.715 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

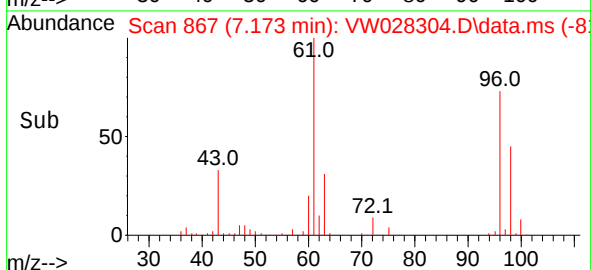
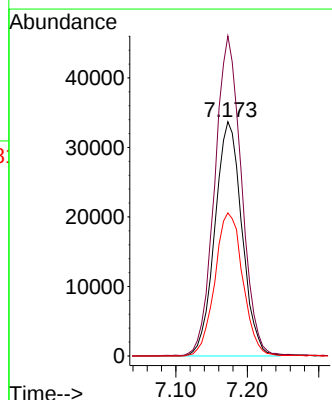
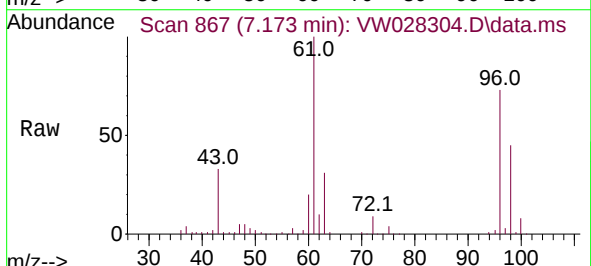
Tgt Ion: 96 Resp: 88526

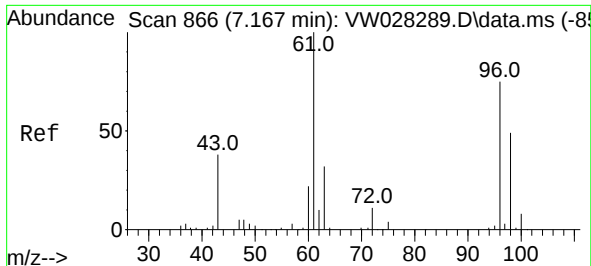
Ion Ratio Lower Upper

96 100

61 136.6 95.7 177.7

98 61.1 43.9 81.5





#22

2-Butanone

Concen: 46.237 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

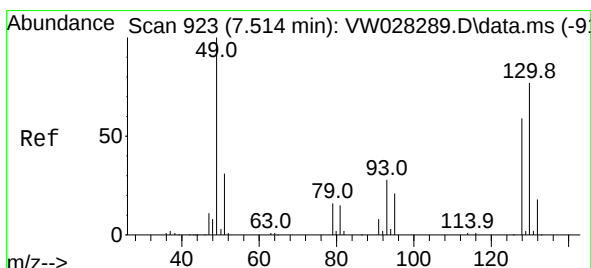
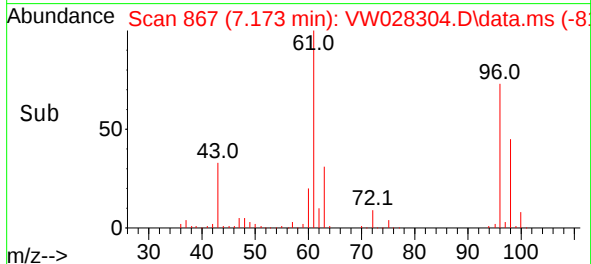
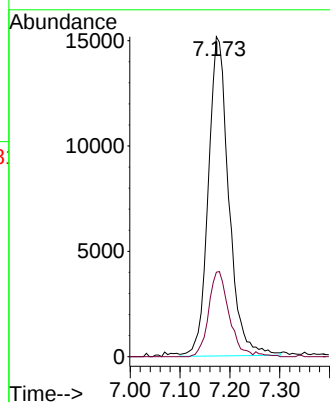
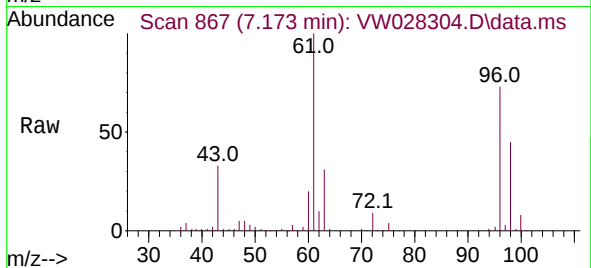
ClientSampleId :

Tgt Ion: 43 Resp: 43349

Ion Ratio Lower Upper

43 100

72 26.3 12.8 38.4



#23

Bromochloromethane

Concen: 26.650 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Tgt Ion: 128 Resp: 37633

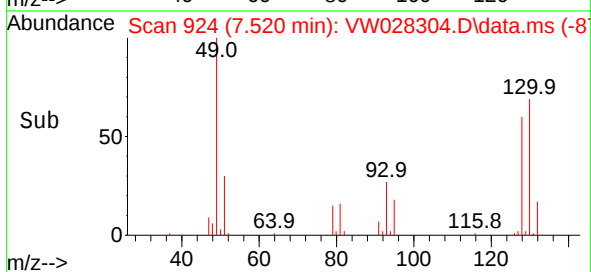
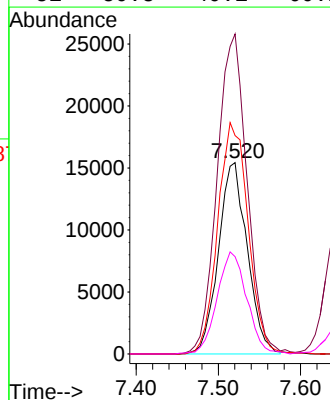
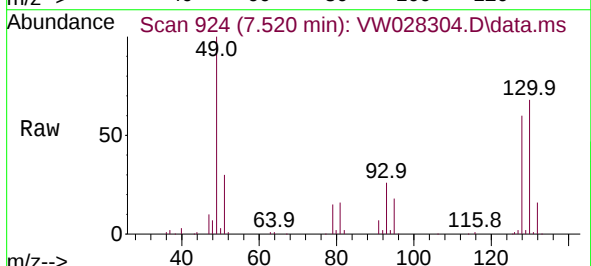
Ion Ratio Lower Upper

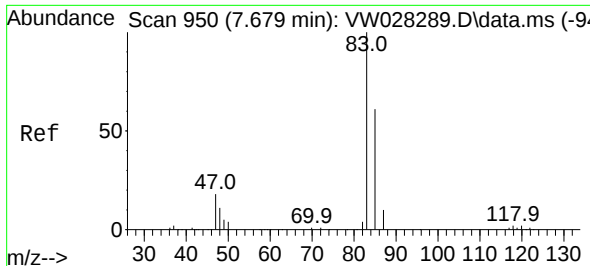
128 100

49 167.2 116.6 216.6

130 114.1 80.1 148.7

51 50.8 40.1 60.1





#25

Chloroform

Concen: 27.115 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

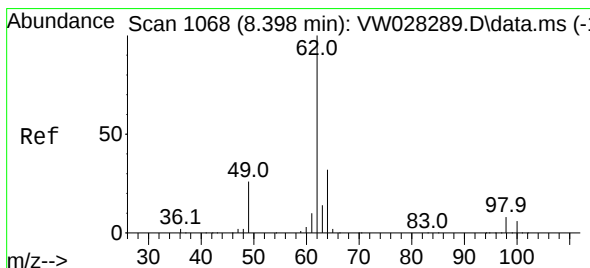
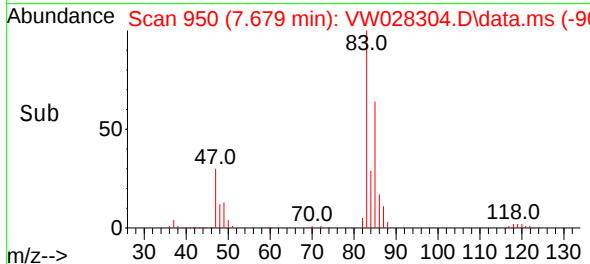
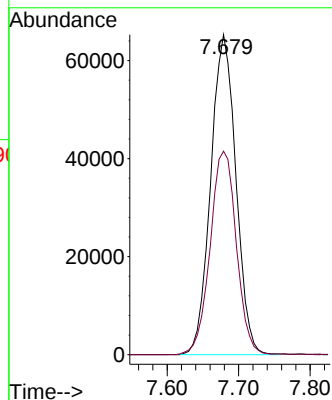
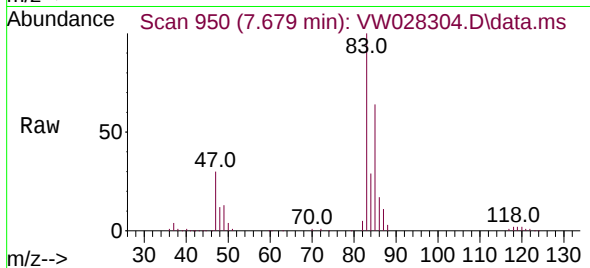
ClientSampleId :

Tgt Ion: 83 Resp: 159826

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 24.394 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028304.D

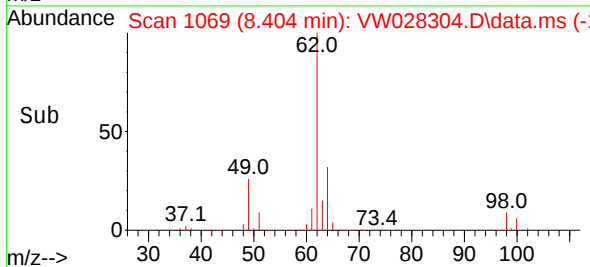
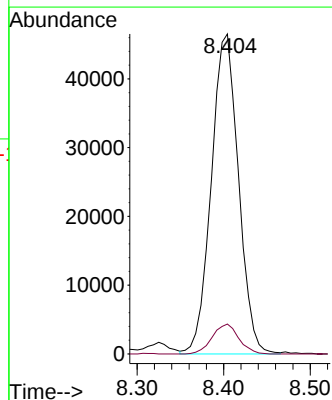
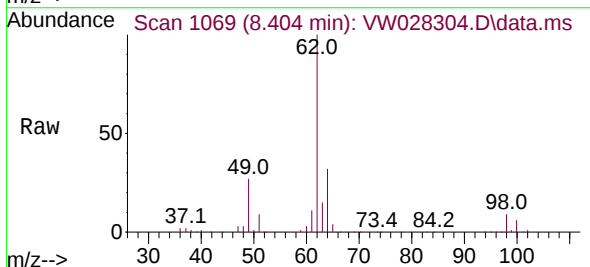
Acq: 04 Apr 2024 09:42

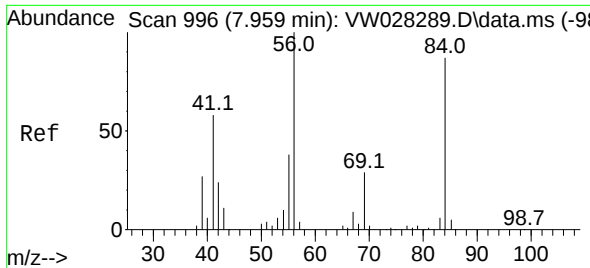
Tgt Ion: 62 Resp: 101541

Ion Ratio Lower Upper

62 100

98 9.4 5.9 8.9#

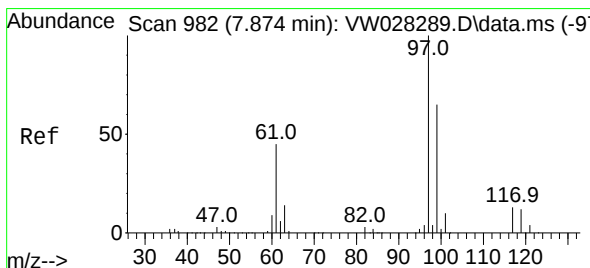
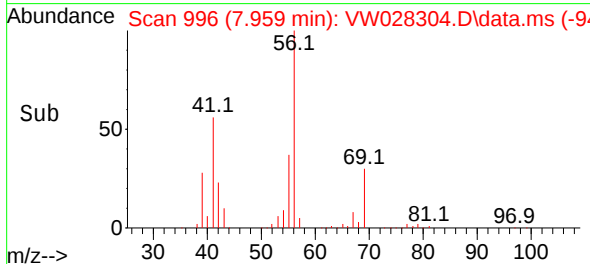
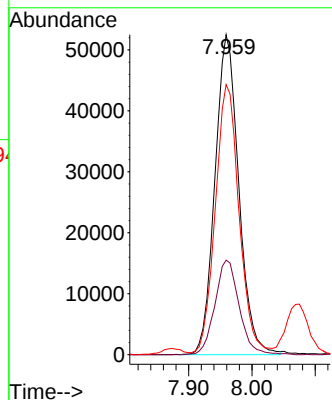
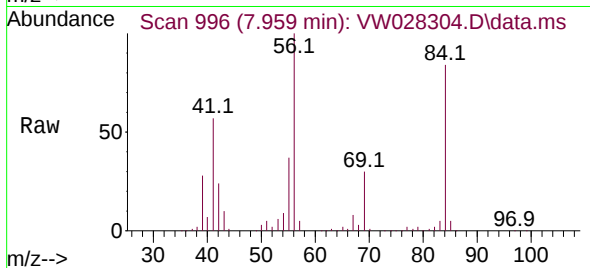




#29
Cyclohexane
Concen: 26.504 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

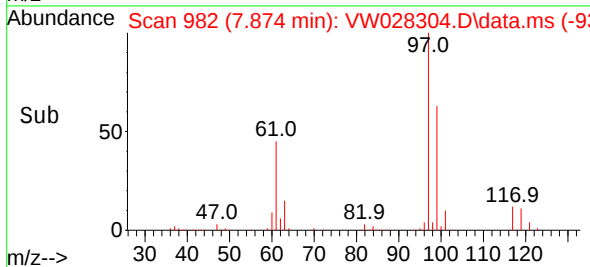
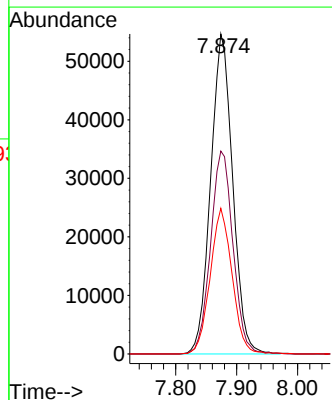
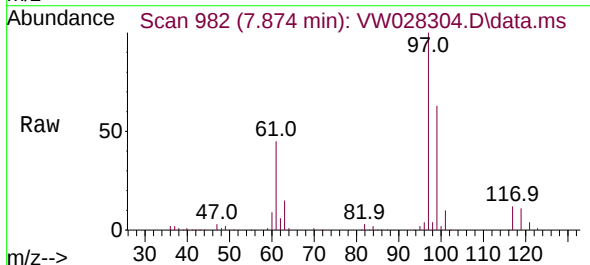
Instrument :
MSVOA_W
ClientSampleId :

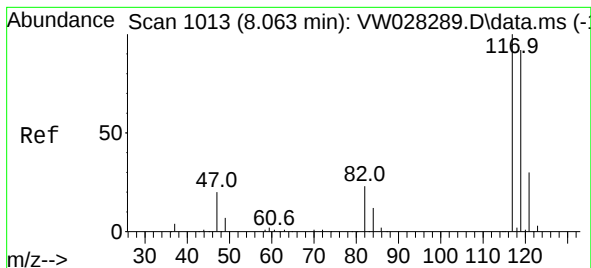
Tgt Ion: 56 Resp: 137121
Ion Ratio Lower Upper
56 100
69 29.9 24.0 36.0
84 83.9 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 26.422 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion: 97 Resp: 137378
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 45.1 37.0 55.6





#31

Carbon tetrachloride

Concen: 25.965 ug/L

RT: 8.075 min Scan# 1013

Delta R.T. 0.012 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

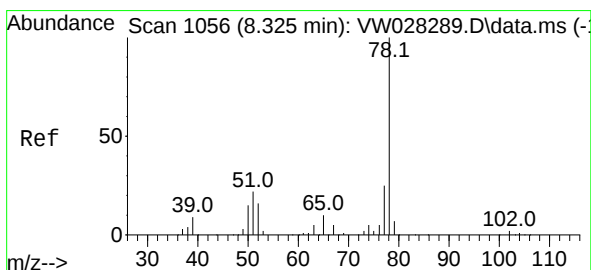
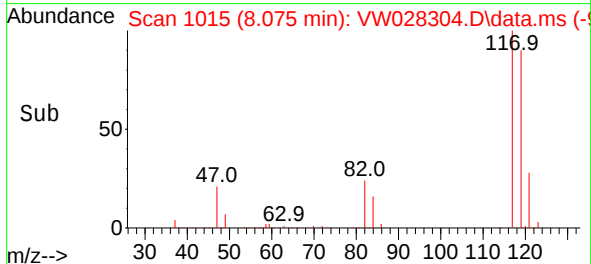
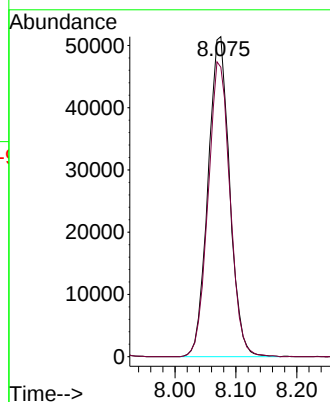
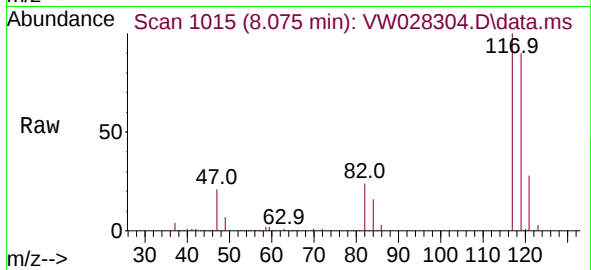
ClientSampleId :

Tgt Ion:117 Resp: 126634

Ion Ratio Lower Upper

117 100

119 93.6 78.2 117.4



#33

Benzene

Concen: 27.748 ug/L

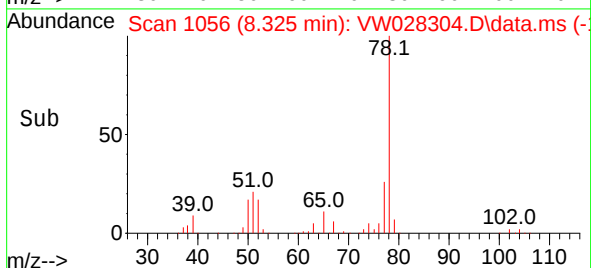
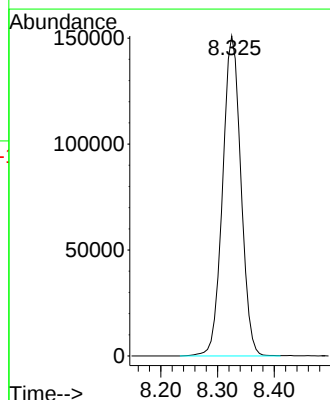
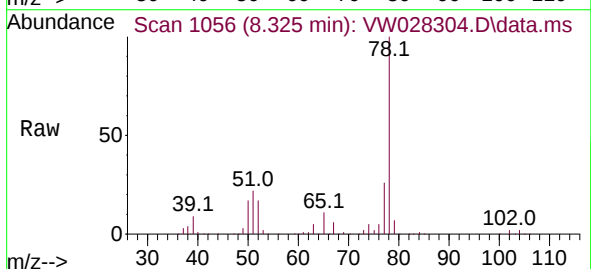
RT: 8.325 min Scan# 1056

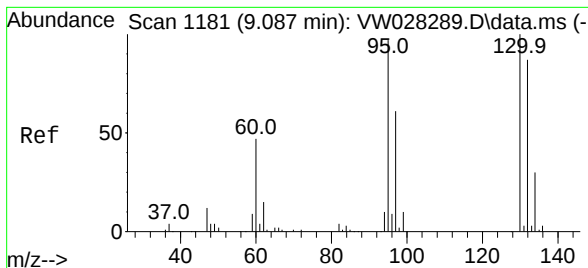
Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Tgt Ion: 78 Resp: 338679





#34

Trichloroethene

Concen: 26.765 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

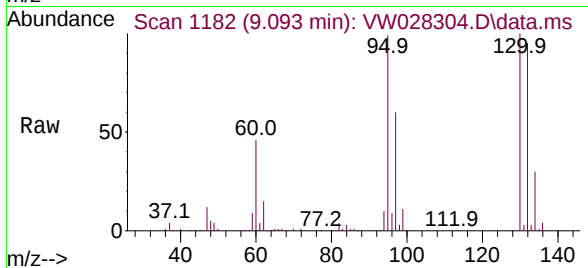
Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 91141

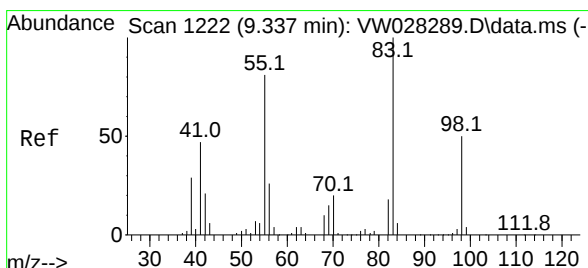
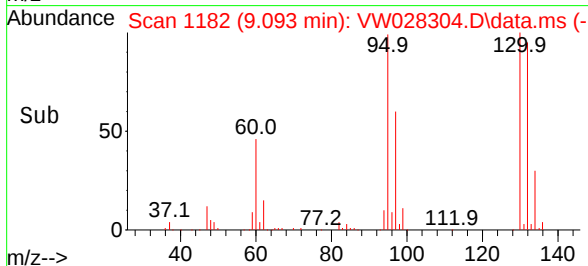
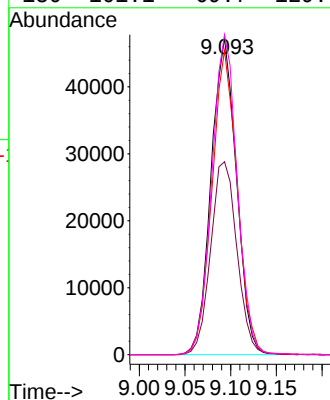
Ion Ratio Lower Upper

95 100

97 60.9 42.4 78.6

132 96.1 69.4 128.8

130 101.1 69.7 129.4



#35

Methylcyclohexane

Concen: 25.904 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

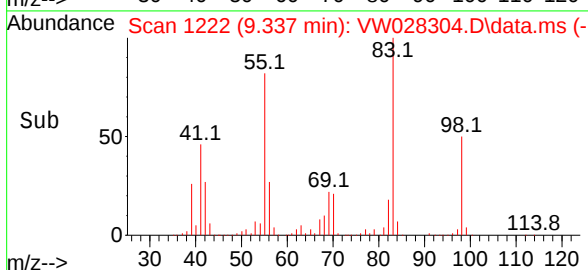
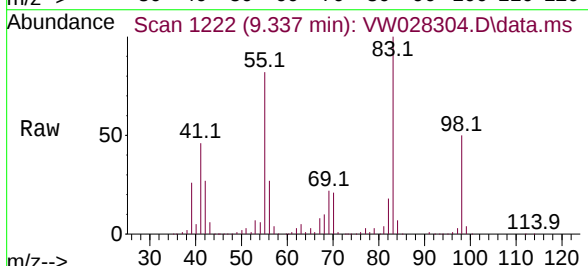
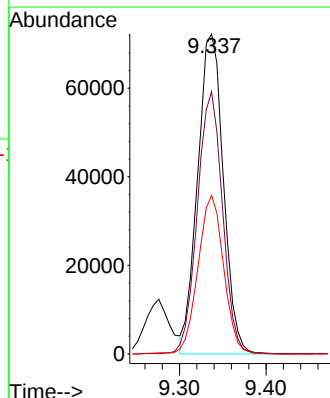
Tgt Ion: 83 Resp: 149098

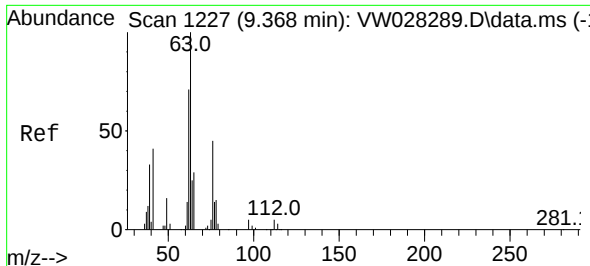
Ion Ratio Lower Upper

83 100

55 80.2 64.2 96.4

98 49.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.523 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

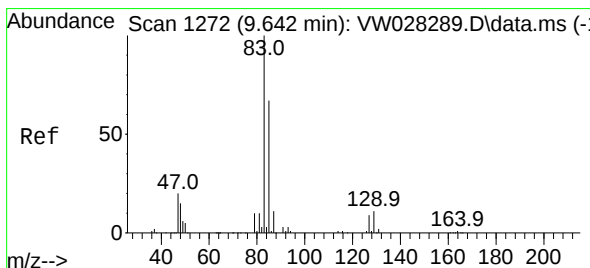
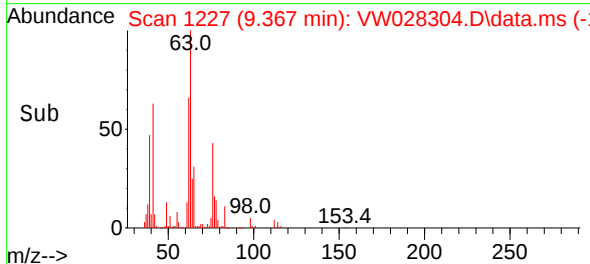
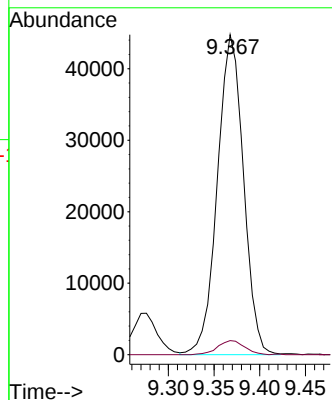
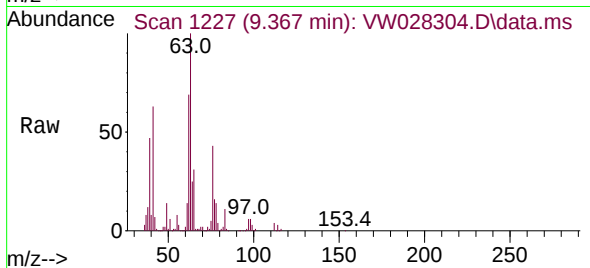
ClientSampleId :

Tgt Ion: 63 Resp: 89047

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 26.547 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

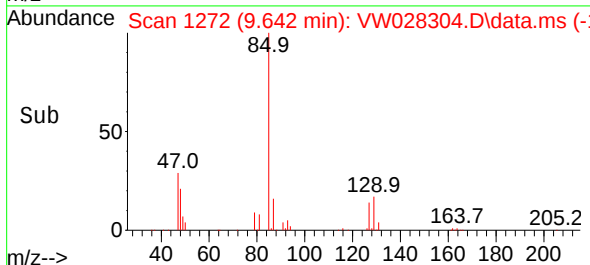
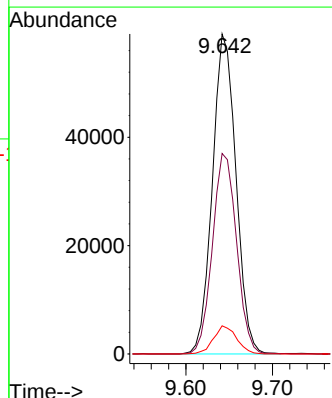
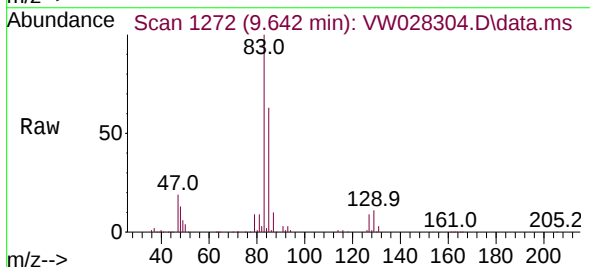
Tgt Ion: 83 Resp: 111737

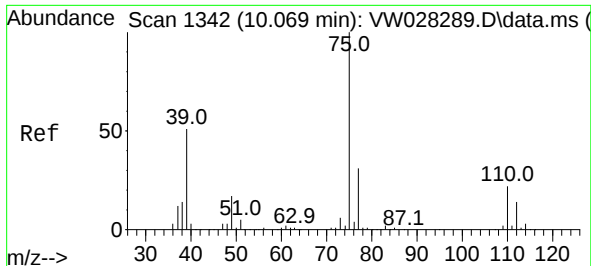
Ion Ratio Lower Upper

83 100

85 62.6 45.8 85.2

127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 27.284 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

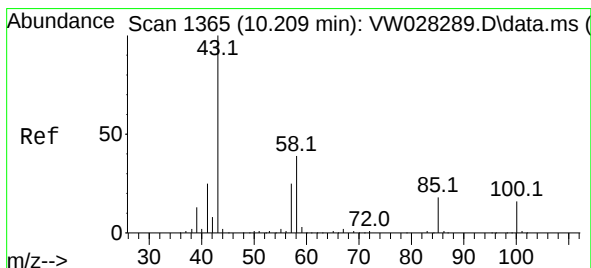
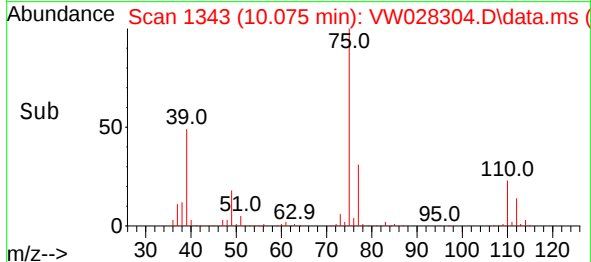
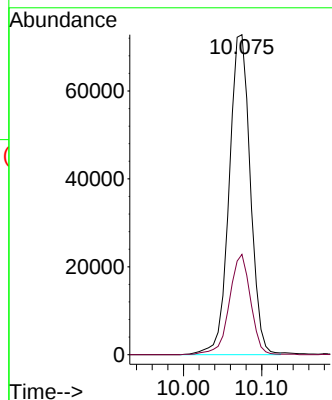
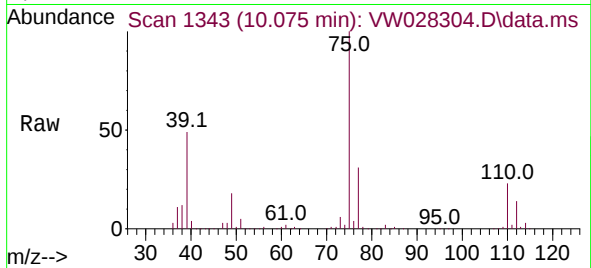
ClientSampleId :

Tgt Ion: 75 Resp: 136412

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 49.512 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

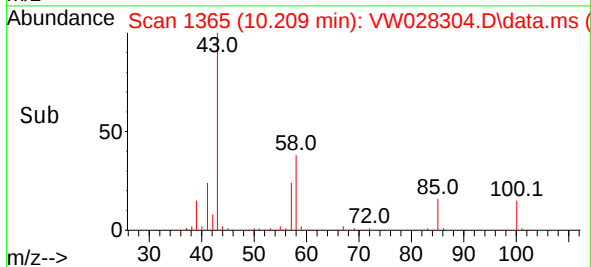
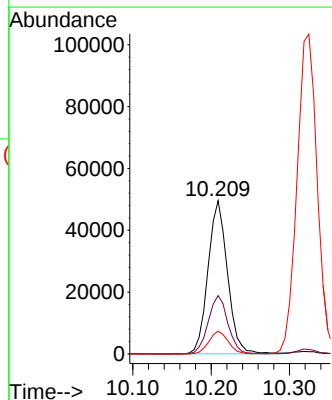
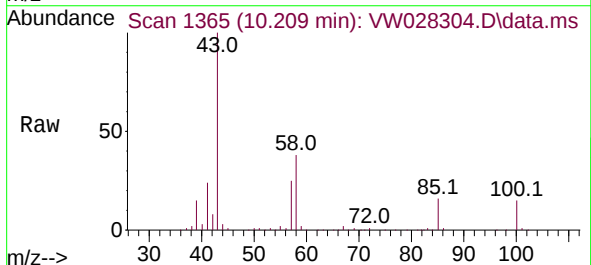
Tgt Ion: 43 Resp: 85321

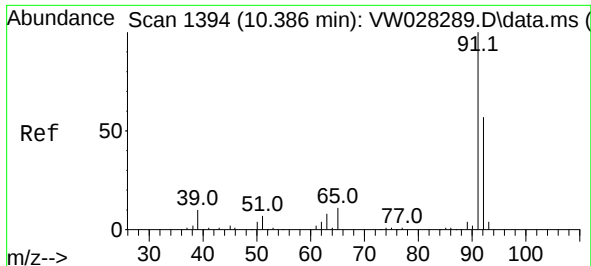
Ion Ratio Lower Upper

43 100

58 38.7 30.1 45.1

100 14.8 11.8 17.8





#42

Toluene

Concen: 27.878 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

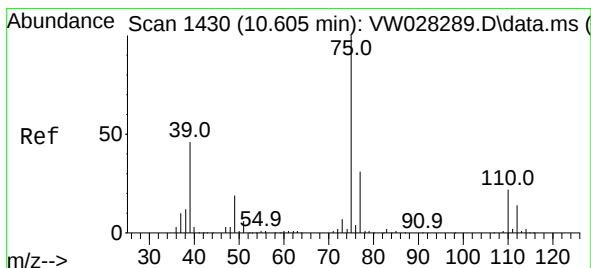
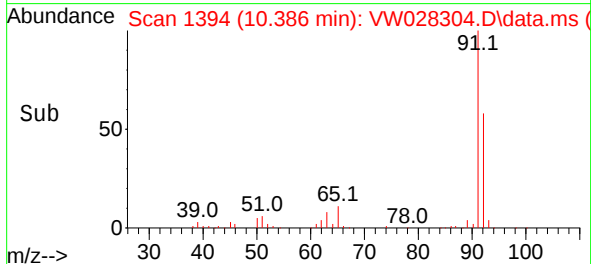
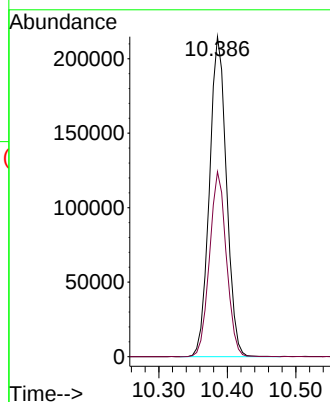
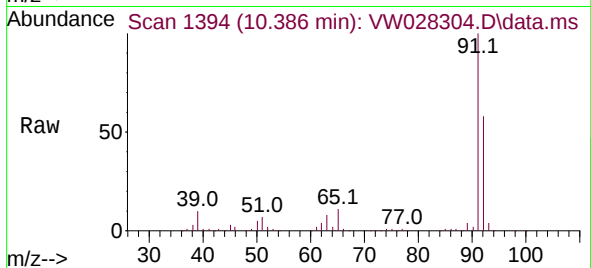
ClientSampleId :

Tgt Ion: 91 Resp: 371358

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 26.136 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028304.D

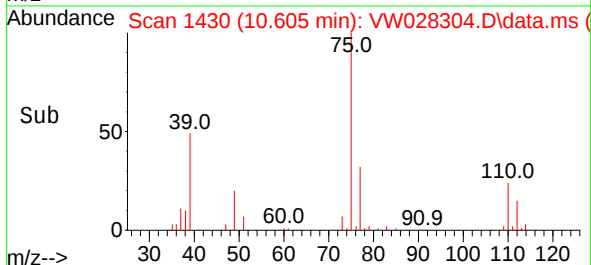
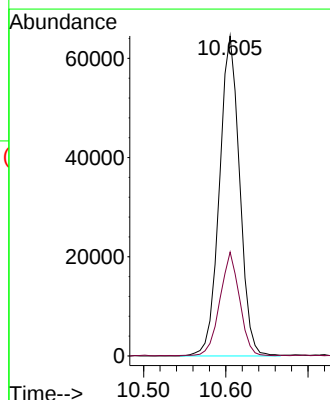
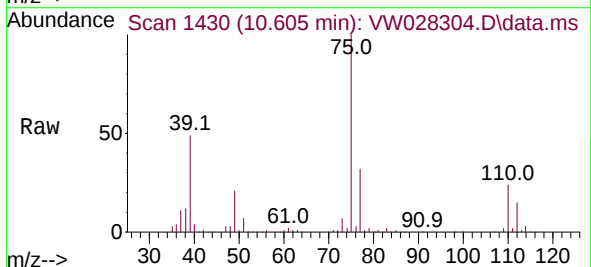
Acq: 04 Apr 2024 09:42

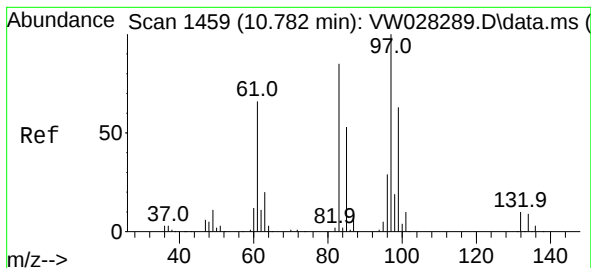
Tgt Ion: 75 Resp: 110322

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 26.397 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59541

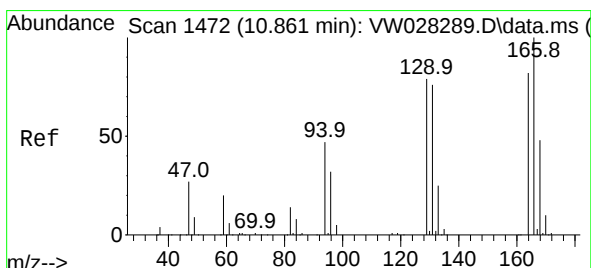
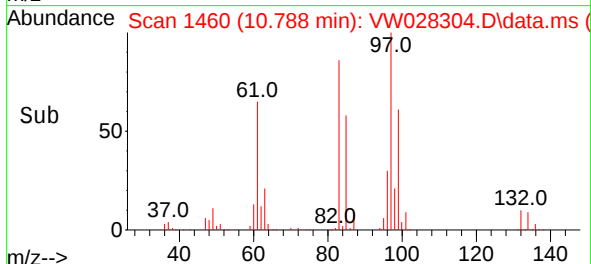
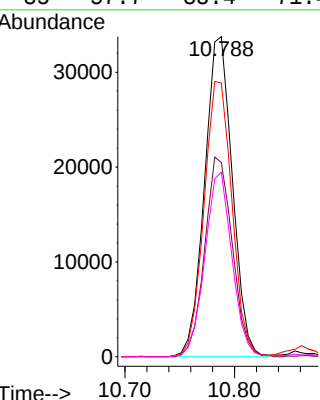
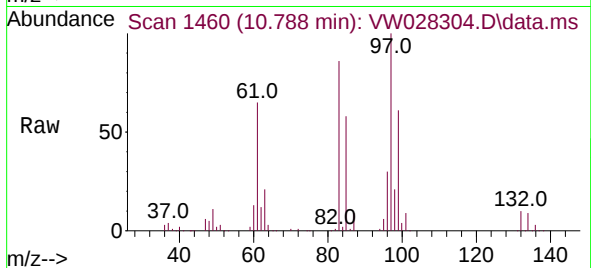
Ion Ratio Lower Upper

97 100

99 60.7 43.4 80.6

83 85.5 59.4 110.4

85 57.7 38.4 71.4



#46

Tetrachloroethene

Concen: 26.836 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Tgt Ion:164 Resp: 73662

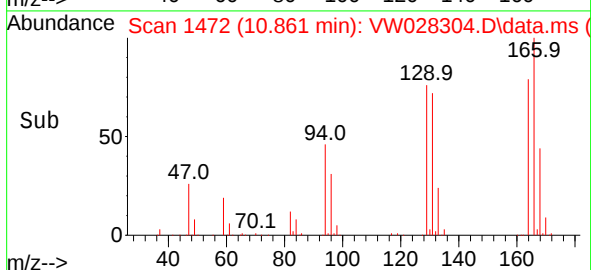
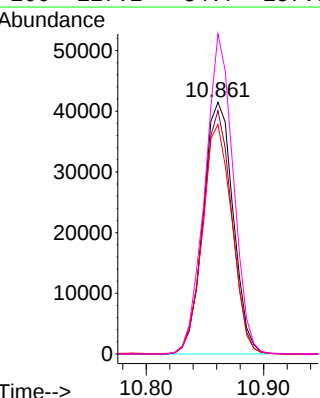
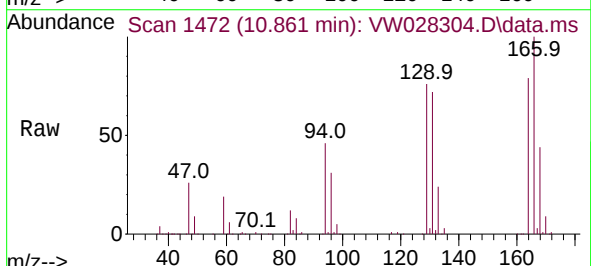
Ion Ratio Lower Upper

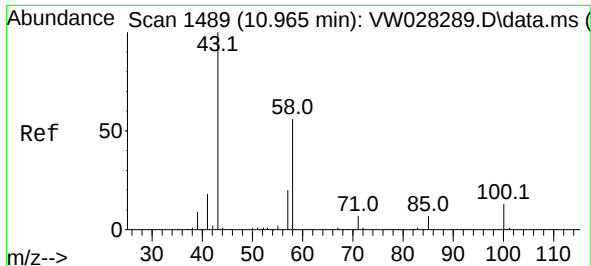
164 100

129 96.7 64.0 119.0

131 91.1 62.6 116.3

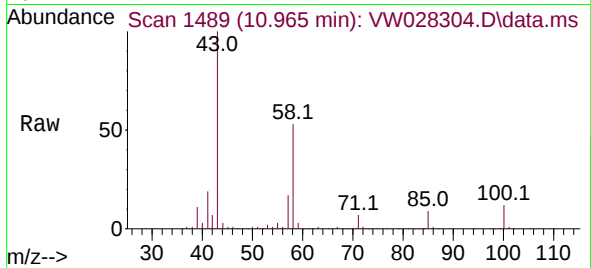
166 127.2 84.7 157.3



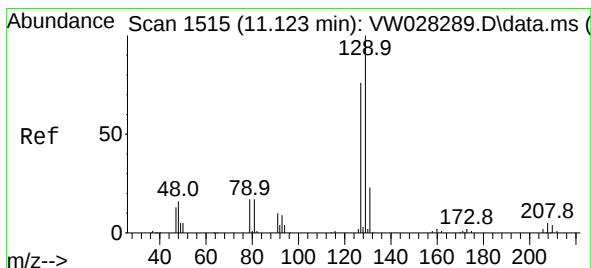
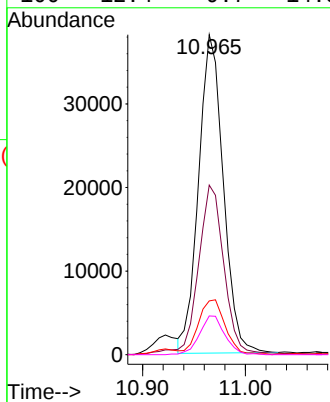
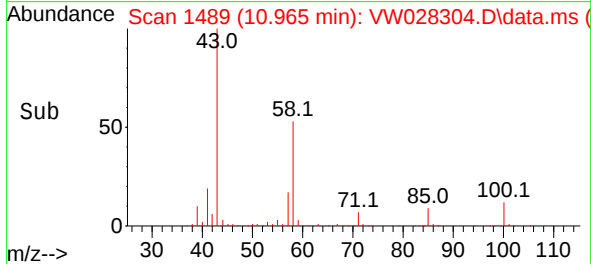


#48
2-Hexanone
Concen: 47.159 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Instrument :
MSVOA_W
ClientSampleId :

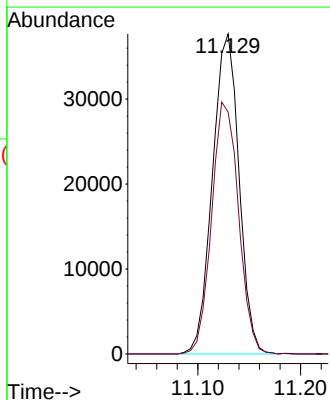
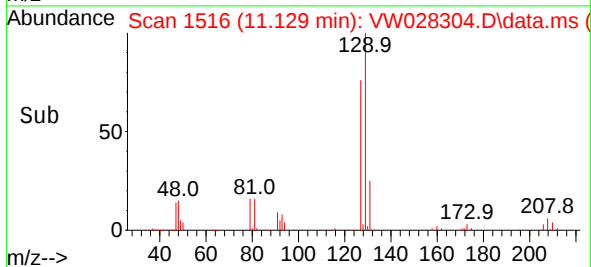
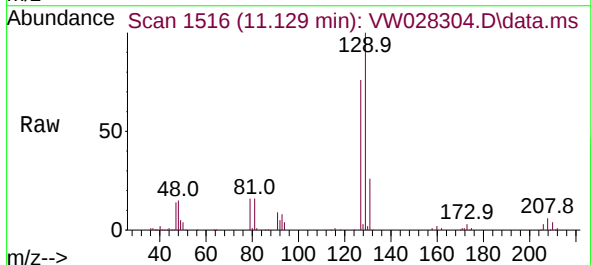


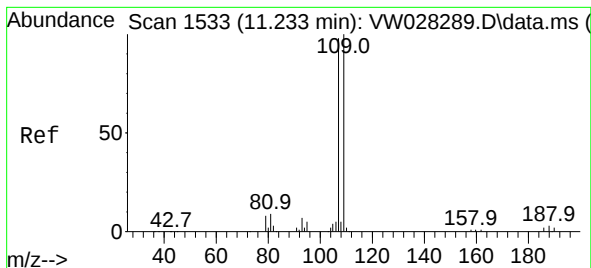
Tgt Ion: 43 Resp: 63659
Ion Ratio Lower Upper
43 100
58 53.0 40.6 61.0
57 18.8 15.7 23.5
100 12.4 9.7 14.5



#49
Dibromochloromethane
Concen: 25.320 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion:129 Resp: 67639
Ion Ratio Lower Upper
129 100
127 75.6 53.1 98.7





#50

1,2-Dibromoethane

Concen: 25.286 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

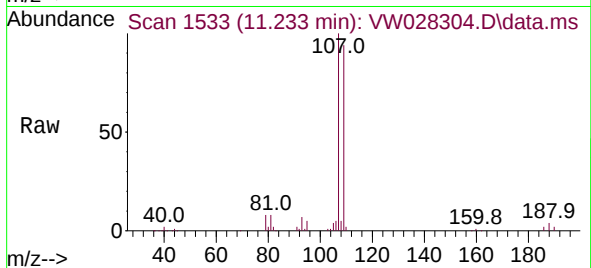
Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



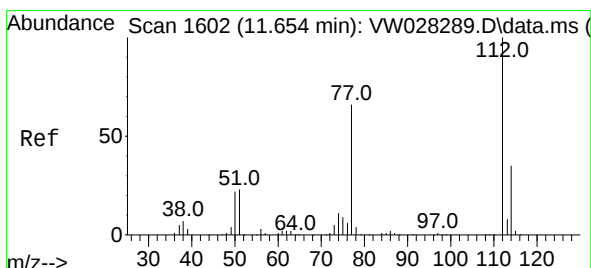
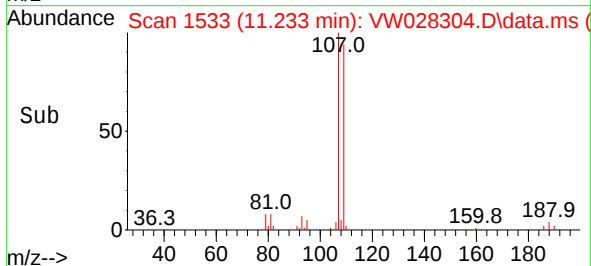
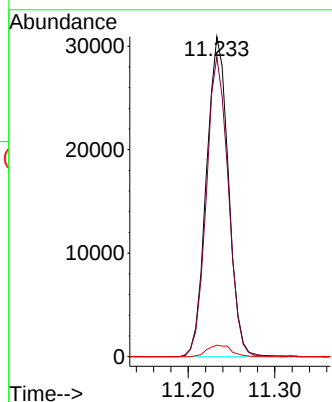
Tgt Ion:107 Resp: 54536

Ion Ratio Lower Upper

107 100

109 93.7 64.4 119.6

188 3.6 3.4 5.2



#51

Chlorobenzene

Concen: 27.321 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

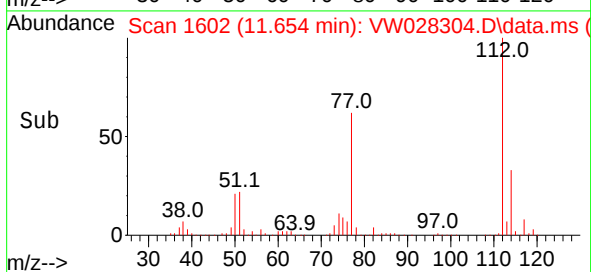
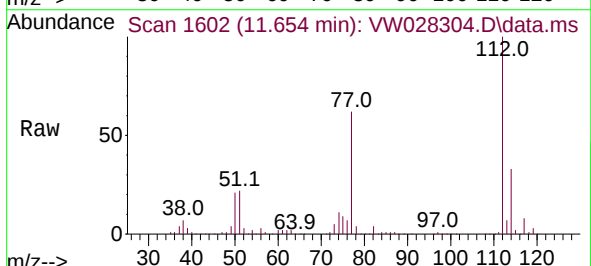
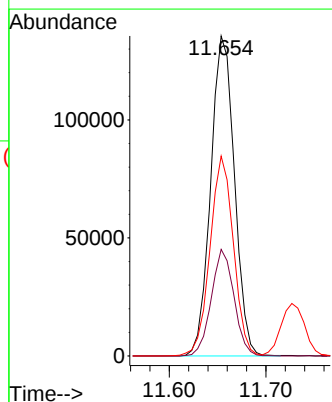
Tgt Ion:112 Resp: 231003

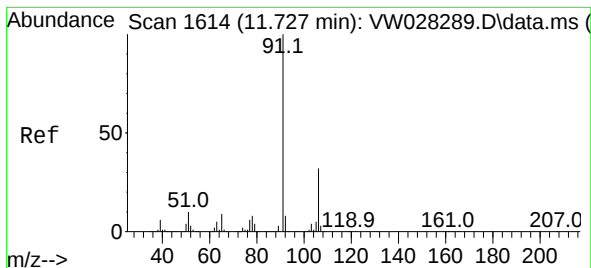
Ion Ratio Lower Upper

112 100

114 33.3 21.8 40.6

77 62.5 50.6 76.0

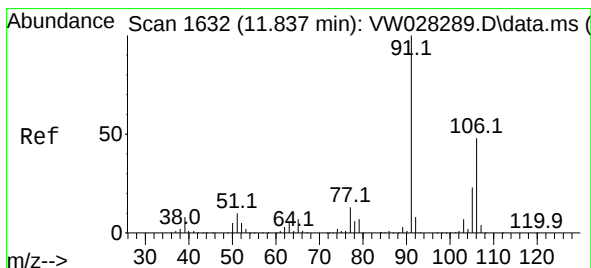
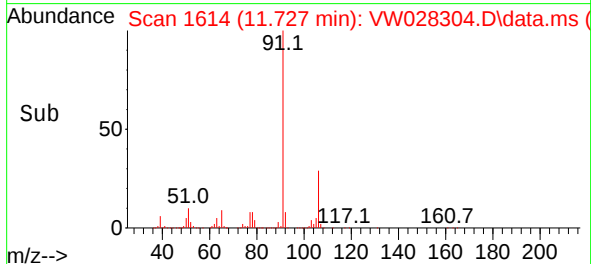
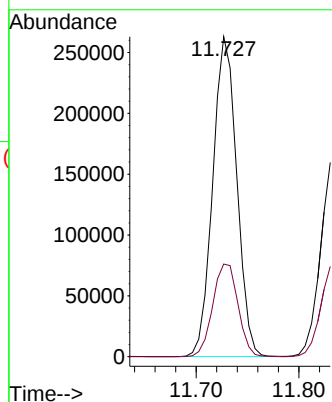
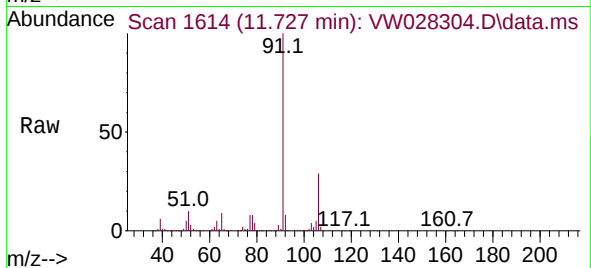




#52
Ethylbenzene
Concen: 27.422 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

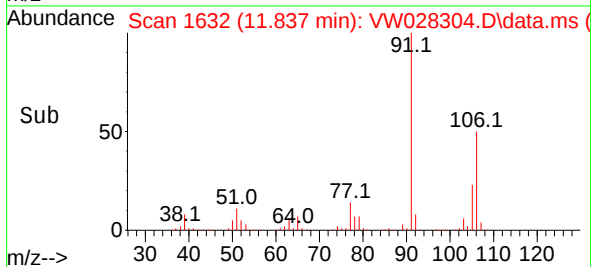
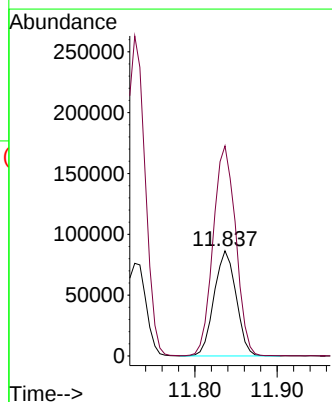
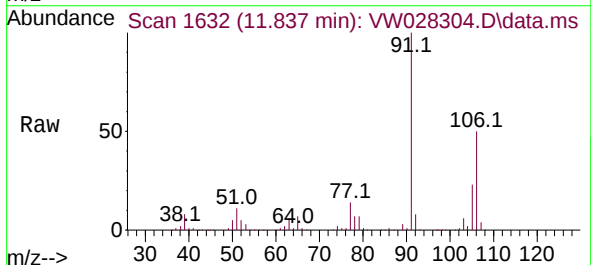
Instrument :
MSVOA_W
ClientSampleId :

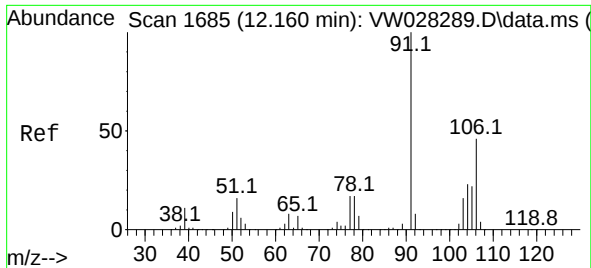
Tgt Ion: 91 Resp: 426420
Ion Ratio Lower Upper
91 100
106 29.0 21.3 39.5



#53
m,p-Xylene
Concen: 27.529 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion:106 Resp: 161090
Ion Ratio Lower Upper
106 100
91 200.0 147.1 273.1

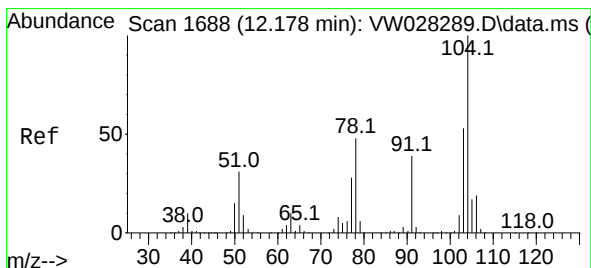
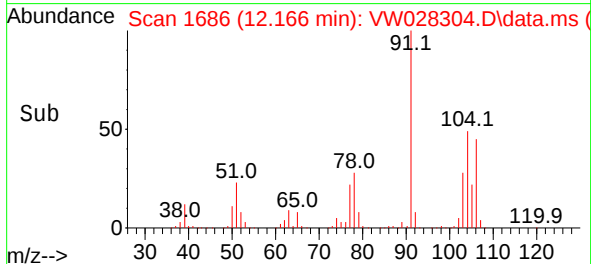
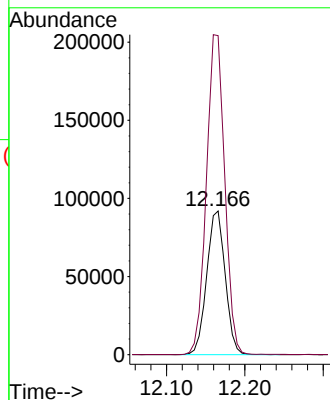
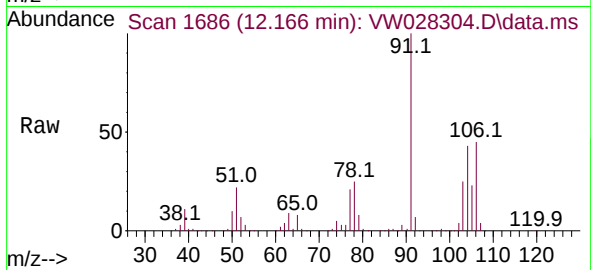




#54
o-Xylene
Concen: 27.698 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

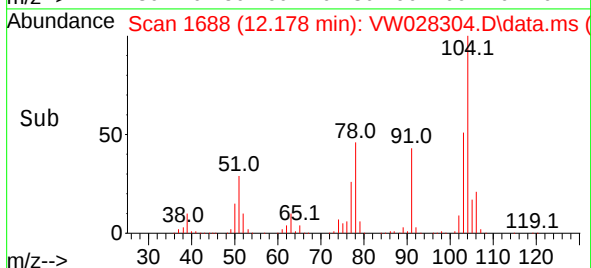
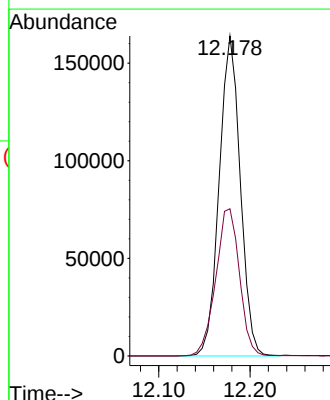
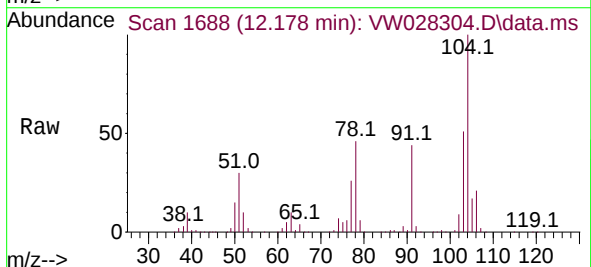
Instrument :
MSVOA_W
ClientSampleId :

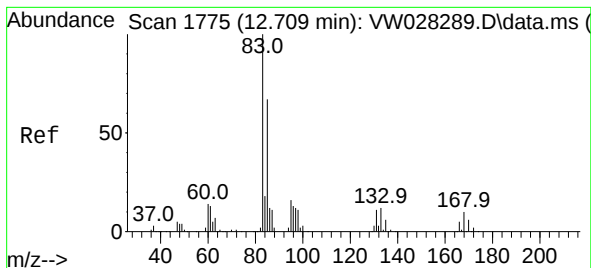
Tgt Ion:106 Resp: 150303
Ion Ratio Lower Upper
106 100
91 222.0 149.2 277.2



#55
Styrene
Concen: 28.223 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion:104 Resp: 263066
Ion Ratio Lower Upper
104 100
78 46.0 33.2 61.7

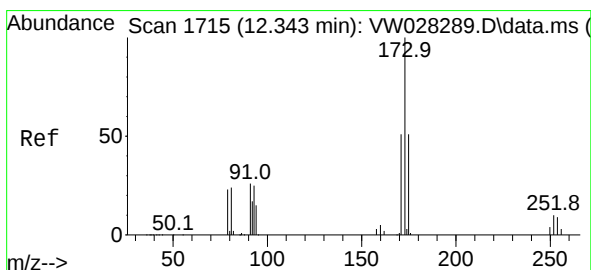
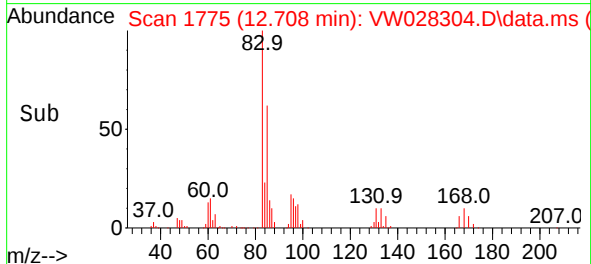
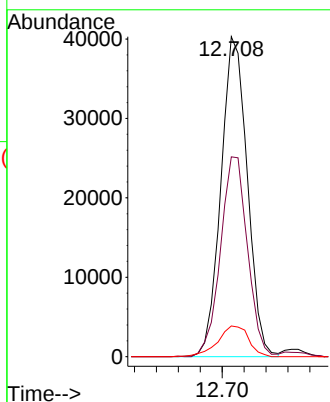
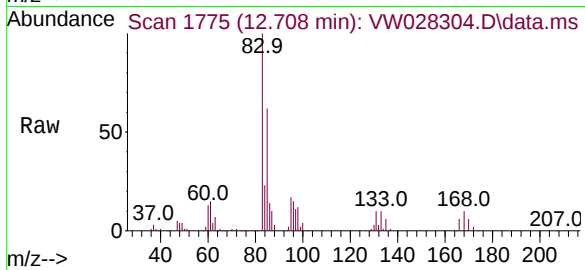




#57
1,1,2,2-Tetrachloroethane
Concen: 26.082 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

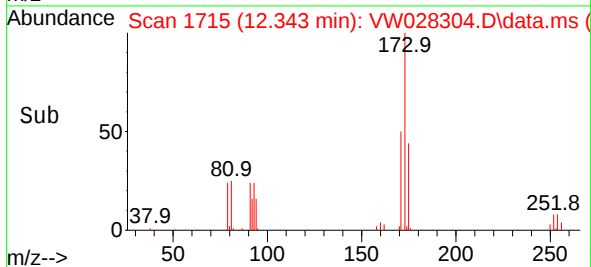
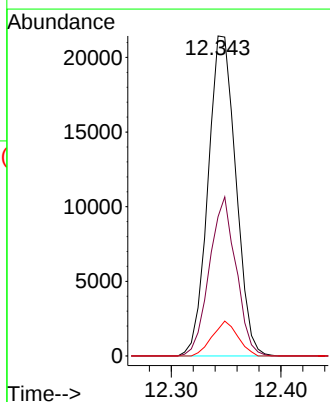
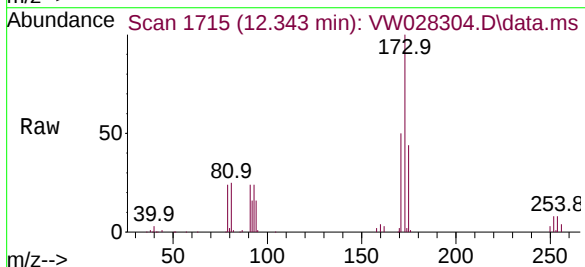
Instrument :
MSVOA_W
ClientSampleId :

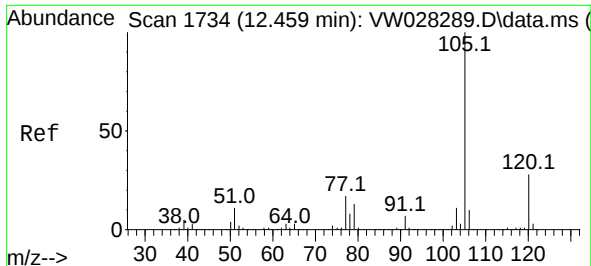
Tgt Ion: 83 Resp: 67291
Ion Ratio Lower Upper
83 100
85 62.5 47.0 87.2
131 9.6 8.9 13.3



#59
Bromoform
Concen: 23.716 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion: 173 Resp: 37826
Ion Ratio Lower Upper
173 100
175 47.5 39.8 59.6
254 10.0 8.5 12.7

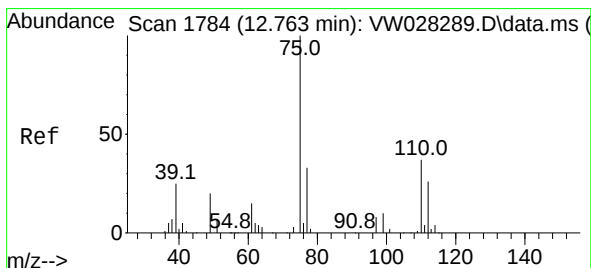
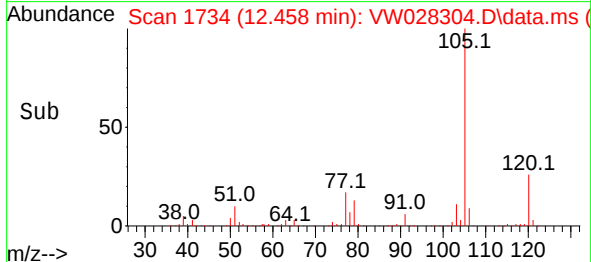
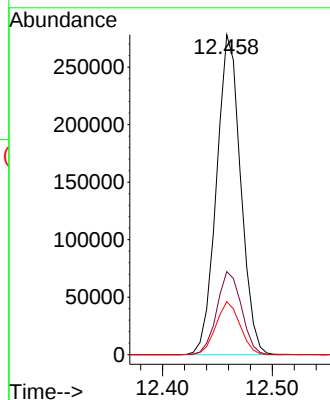
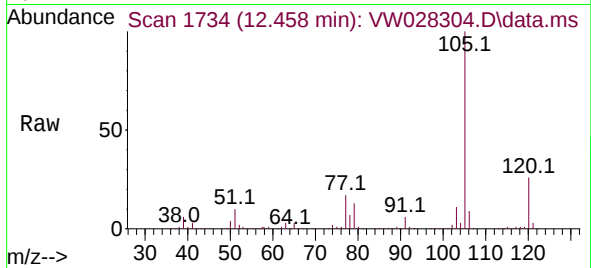




#60
Isopropylbenzene
Concen: 26.942 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

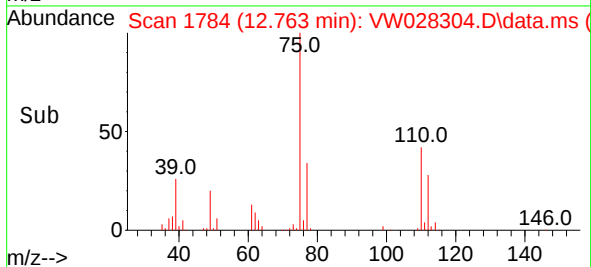
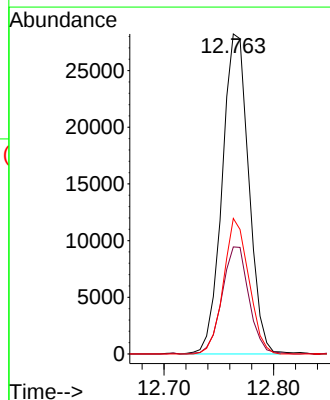
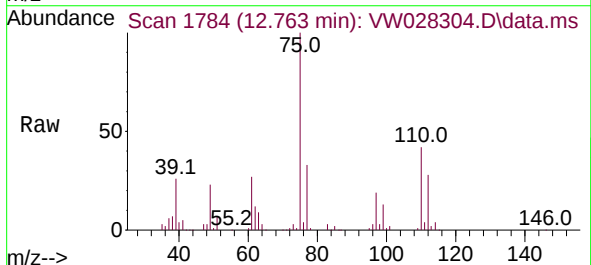
Instrument :
MSVOA_W
ClientSampleId :

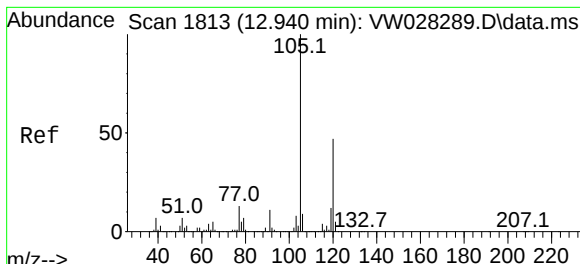
Tgt Ion:105 Resp: 426072
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 16.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.419 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028304.D
Acq: 04 Apr 2024 09:42

Tgt Ion: 75 Resp: 47574
Ion Ratio Lower Upper
75 100
77 33.8 26.0 39.0
110 40.3 32.2 48.2

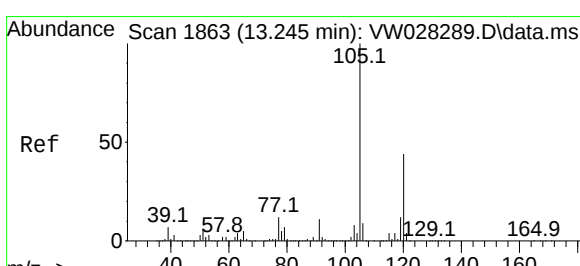
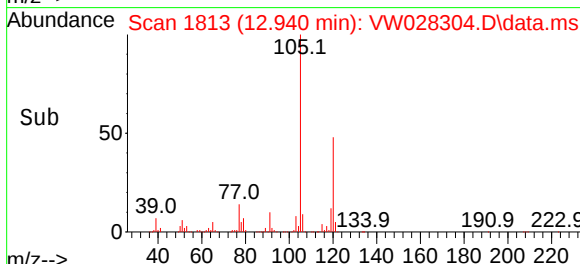
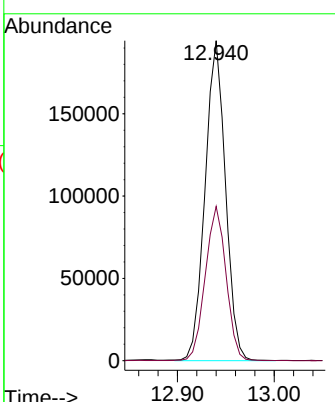
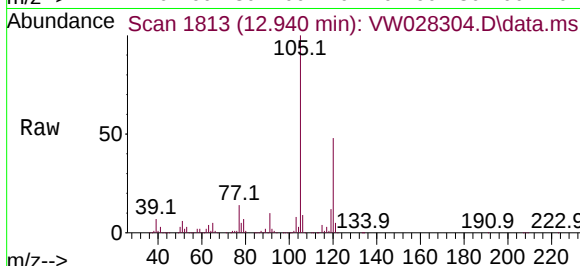




#62
 1,3,5-Trimethylbenzene
 Concen: 26.875 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

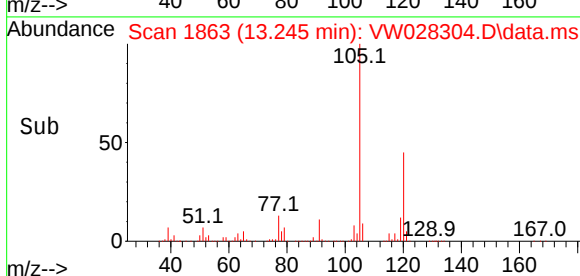
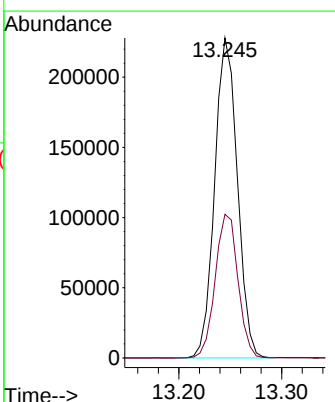
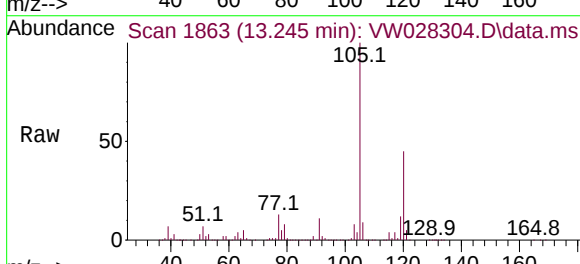
Instrument :
 MSVOA_W
 ClientSampleId :

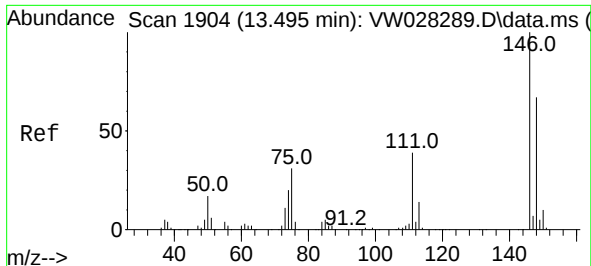
Tgt Ion:105 Resp: 285172
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 27.262 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028304.D
 Acq: 04 Apr 2024 09:42

Tgt Ion:105 Resp: 349300
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 26.805 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

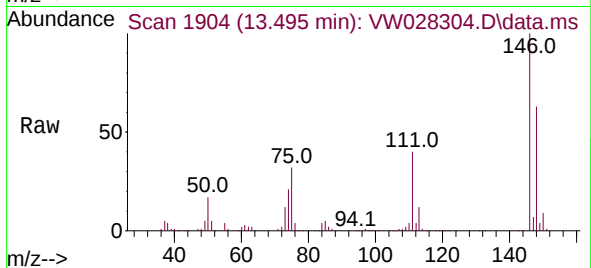
Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



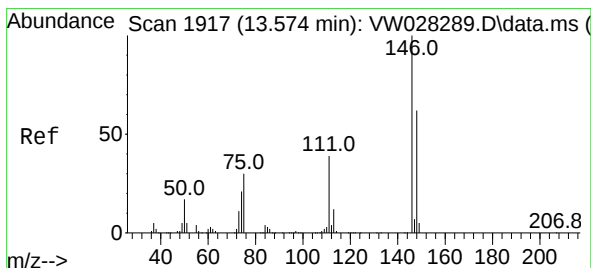
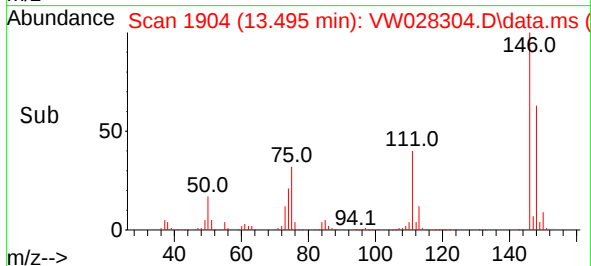
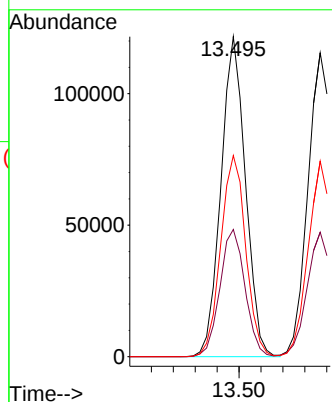
Tgt Ion:146 Resp: 189115

Ion Ratio Lower Upper

146 100

111 39.7 28.5 52.9

148 62.9 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 25.930 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

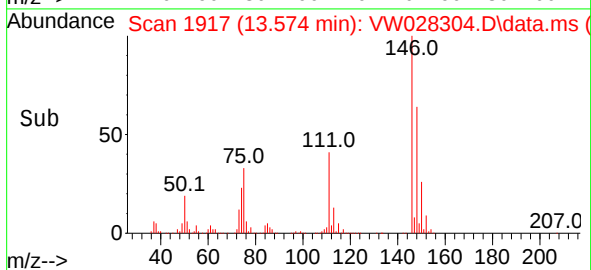
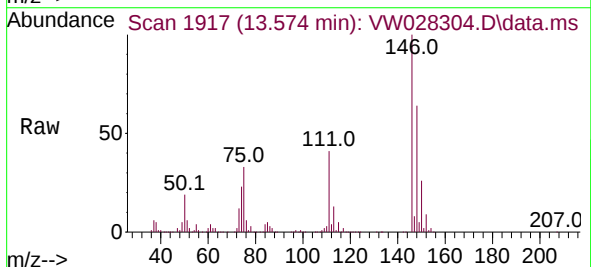
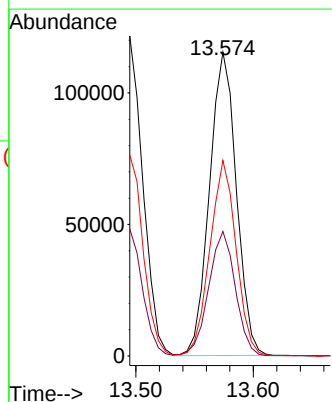
Tgt Ion:146 Resp: 182932

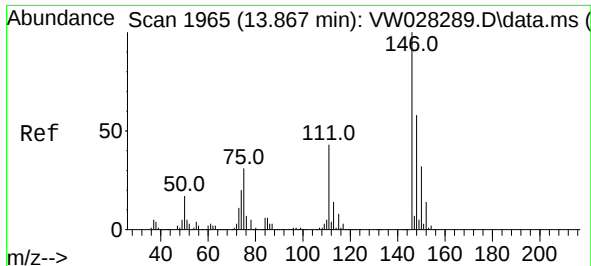
Ion Ratio Lower Upper

146 100

111 41.0 28.8 53.6

148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 27.277 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

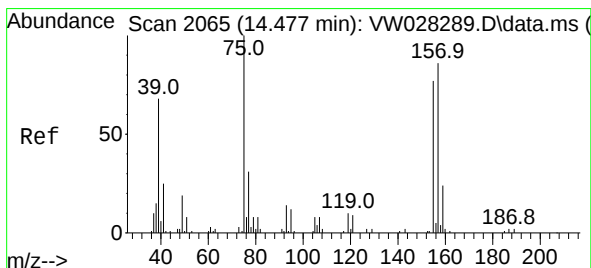
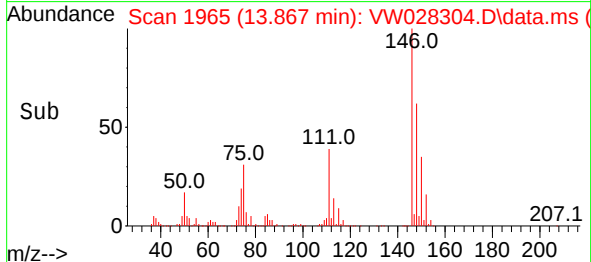
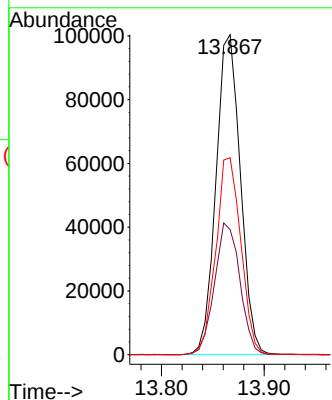
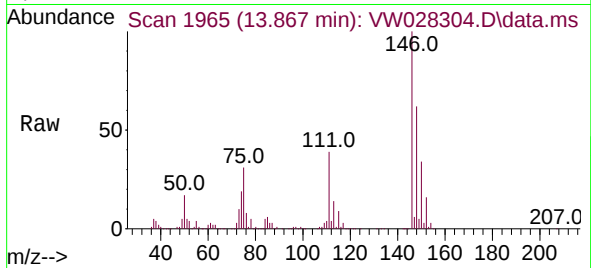
Tgt Ion:146 Resp: 165727

Ion Ratio Lower Upper

146 100

111 39.1 34.2 51.2

148 61.6 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.658 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

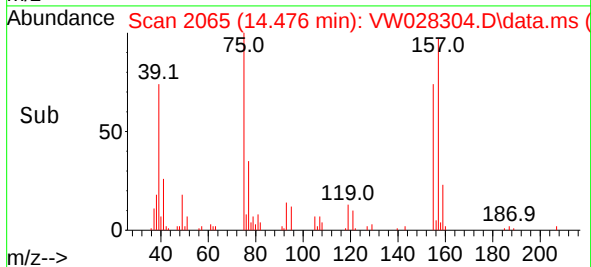
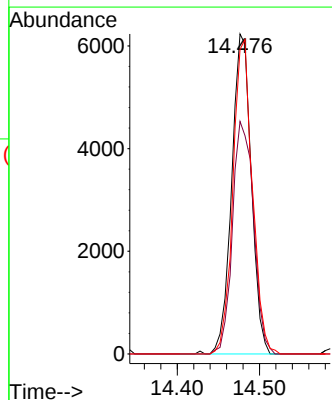
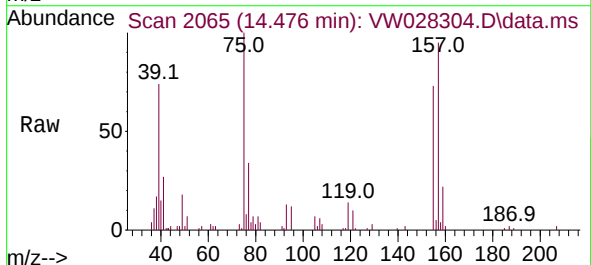
Tgt Ion: 75 Resp: 10335

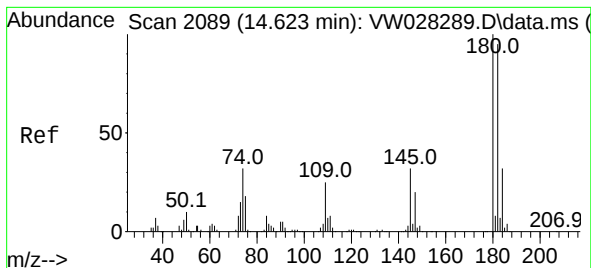
Ion Ratio Lower Upper

75 100

155 72.6 61.1 91.7

157 95.2 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 27.081 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

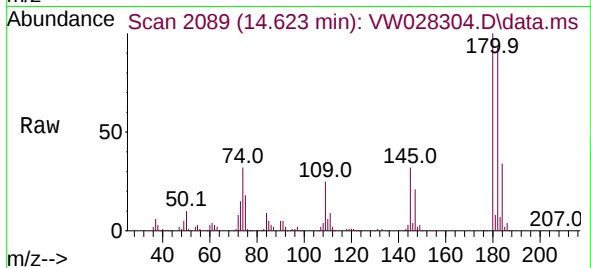
Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 133090

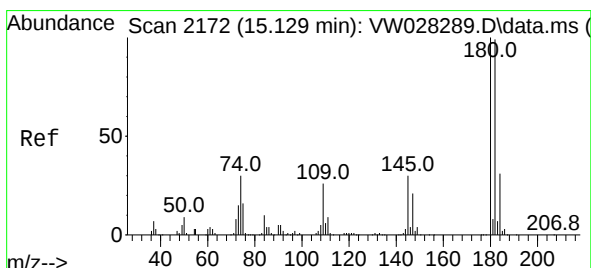
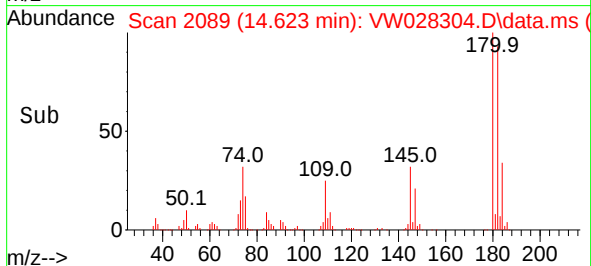
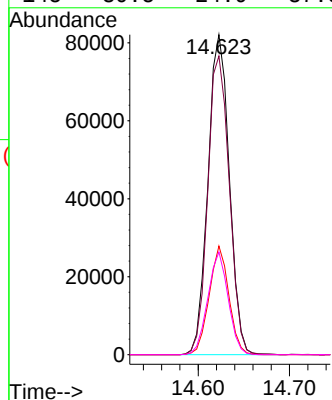
Ion Ratio Lower Upper

180 100

182 94.1 76.6 114.8

184 31.4 23.5 35.3

145 30.5 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.748 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

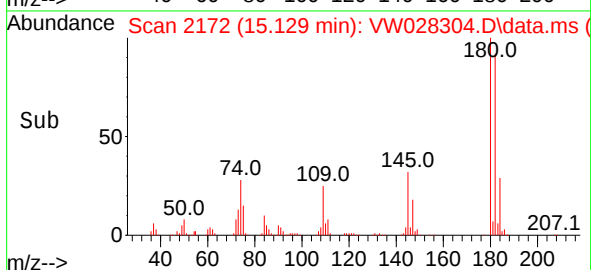
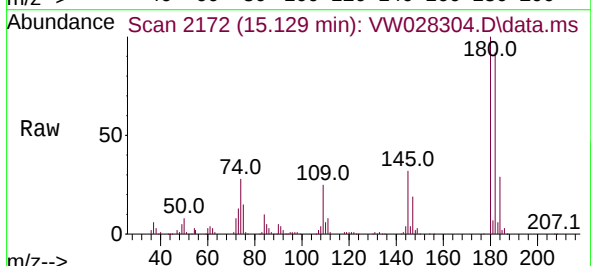
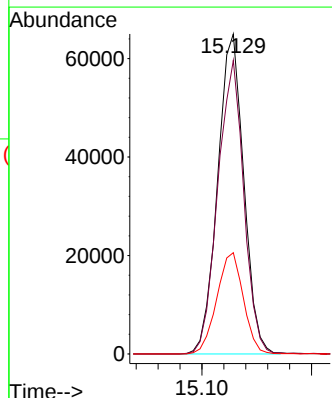
Tgt Ion:180 Resp: 107496

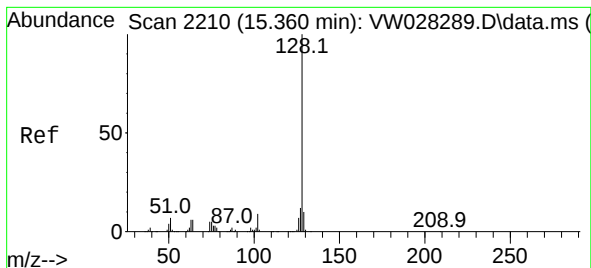
Ion Ratio Lower Upper

180 100

182 91.2 73.8 110.8

145 32.2 25.0 37.6





#71

Naphthalene

Concen: 25.000 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

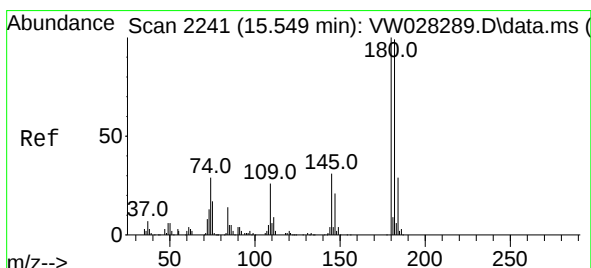
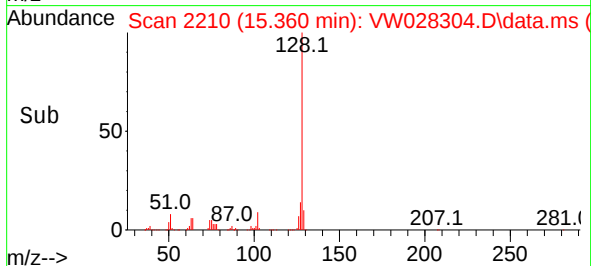
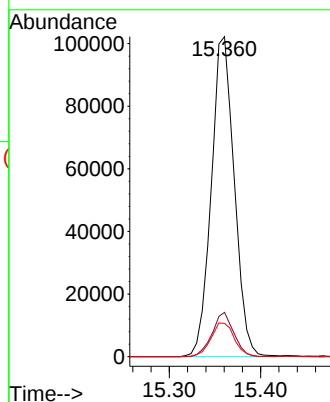
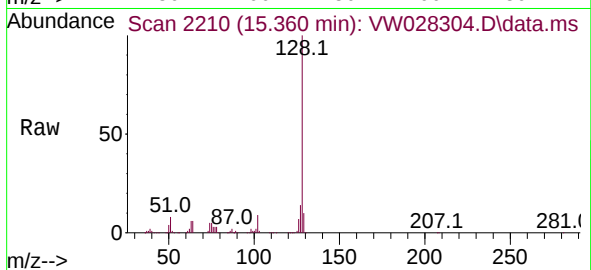
Tgt Ion:128 Resp: 179146

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.672 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028304.D

Acq: 04 Apr 2024 09:42

Tgt Ion:180 Resp: 88357

Ion Ratio Lower Upper

180 100

182 97.0 76.0 114.0

145 32.7 27.1 40.7

