

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
 Data File : VW028582.D
 Acq On : 03 May 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 22:55:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	143900	24.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.920%
7) Chloroethane-d5	2.899	69	112842	25.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	4.021	65	62154	25.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.240%
21) 2-Butanone-d5	7.075	46	54589	35.956	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.920%
24) Chloroform-d	7.648	84	245607	25.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	8.307	65	131633	24.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.276	84	487801	26.584	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.320%
36) 1,2-Dichloropropane-d6	9.270	67	143004	25.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.325	98	428844	26.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.560%
43) trans-1,3-Dichloroprop...	10.575	79	55868	25.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.600%
47) 2-Hexanone-d5	10.922	63	38398	40.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101194	21.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	132449	25.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	91680	20.587	ug/L	94
3) Chloromethane	2.222	50	124848	22.629	ug/L	97
5) Vinyl chloride	2.375	62	142551	22.950	ug/L	99
6) Bromomethane	2.789	94	81572	22.702	ug/L	96
8) Chloroethane	2.936	64	82910	23.405	ug/L	99
9) Trichlorofluoromethane	3.271	101	120079	23.547	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103415	21.996	ug/L	93
12) 1,1-Dichloroethene	4.039	96	97620	23.146	ug/L	84
13) Acetone	4.125	43	56766	41.100	ug/L	97
14) Carbon disulfide	4.393	76	329503	23.116	ug/L	100
15) Methyl Acetate	4.667	43	42585	17.722	ug/L	99
16) Methylene chloride	4.917	84	103954	21.934	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	104777	23.862	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	140892	21.743	ug/L	100
19) 1,1-Dichloroethane	6.222	63	202390	23.244	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	107164	23.320	ug/L	96
22) 2-Butanone	7.173	43	67005	37.797	ug/L	100
23) Bromochloromethane	7.514	128	44226	22.063	ug/L	98
25) Chloroform	7.679	83	196184	23.295	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
 Data File : VW028582.D
 Acq On : 03 May 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 22:55:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

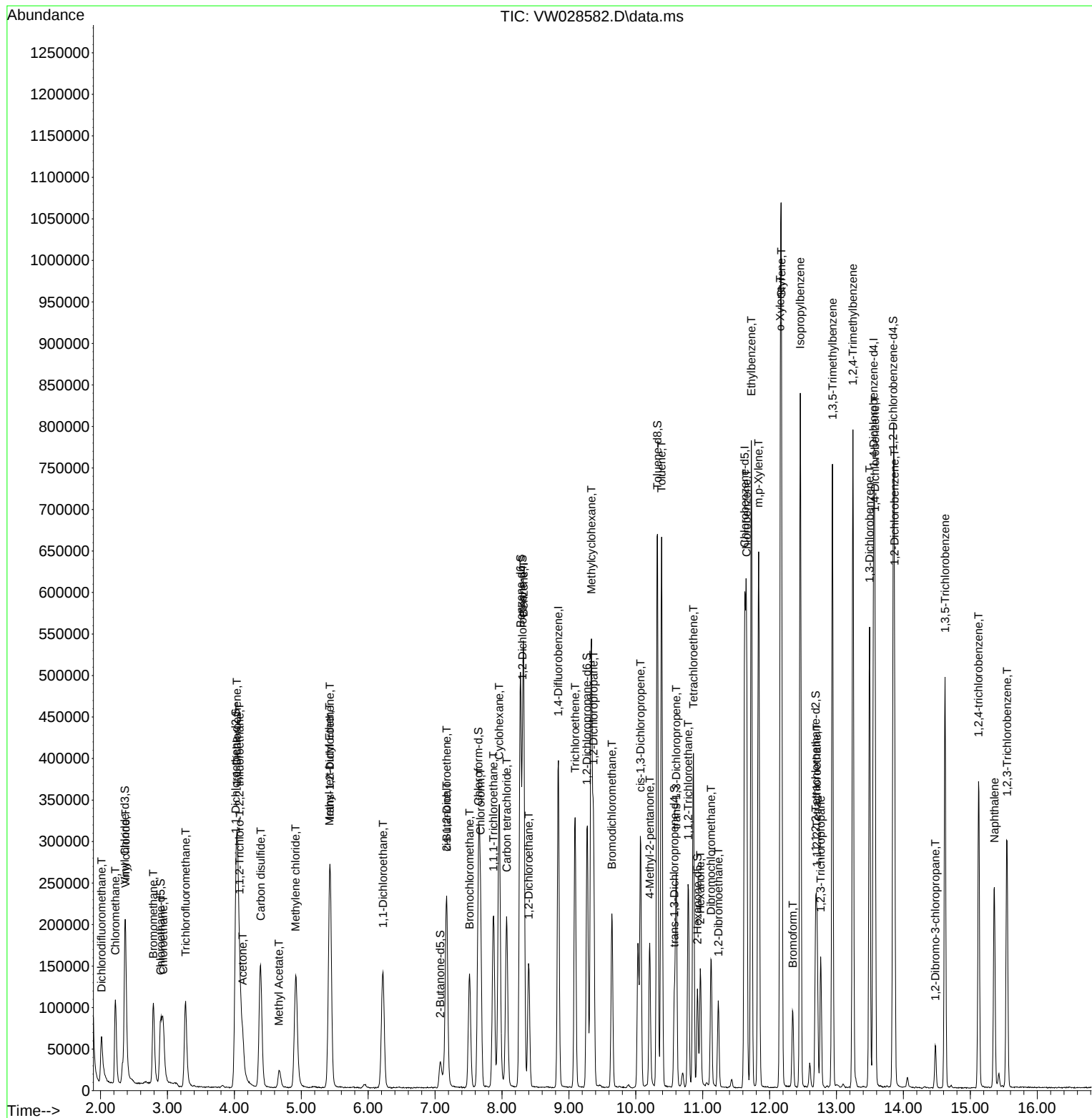
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138577	22.636	ug/L	98
29) Cyclohexane	7.959	56	192183	24.508	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	166338	24.136	ug/L	100
31) Carbon tetrachloride	8.069	117	151409	24.096	ug/L	98
33) Benzene	8.325	78	438213	24.572	ug/L	100
34) Trichloroethene	9.093	95	112749	23.580	ug/L	96
35) Methylcyclohexane	9.337	83	203437	24.346	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112110	24.125	ug/L	100
38) Bromodichloromethane	9.642	83	136575	24.109	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	166019	24.925	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	116870	36.951	ug/L	99
42) Toluene	10.386	91	463499	25.163	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	135329	24.097	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	72200	21.447	ug/L	98
46) Tetrachloroethene	10.861	164	84690	24.584	ug/L	89
48) 2-Hexanone	10.965	43	92579	41.461	ug/L	99
49) Dibromochloromethane	11.123	129	78698	23.307	ug/L	95
50) 1,2-Dibromoethane	11.233	107	65681	20.828	ug/L	96
51) Chlorobenzene	11.654	112	274394	24.083	ug/L	97
52) Ethylbenzene	11.727	91	521465	25.016	ug/L	96
53) m,p-Xylene	11.837	106	191551	25.069	ug/L	100
54) o-Xylene	12.160	106	182547	25.824	ug/L	100
55) Styrene	12.178	104	307396	25.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	84769	20.071	ug/L	99
59) Bromoform	12.349	173	40394	19.950	ug/L	98
60) Isopropylbenzene	12.458	105	502218	23.852	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62136	18.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	379335	25.463	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	405325	25.251	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	208227	23.772	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202185	22.577	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	178469	22.764	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12789	16.308	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	140040	23.825	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	107962	22.732	ug/L	96
71) Naphthalene	15.360	128	198984	19.665	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93230	21.755	ug/L	98

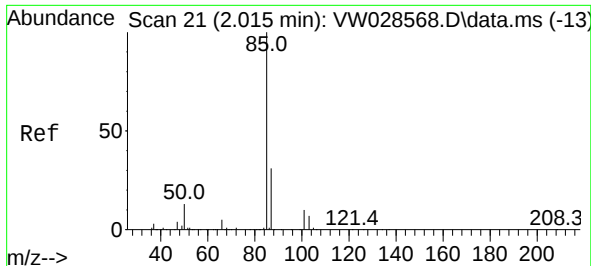
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
Data File : VW028582.D
Acq On : 03 May 2024 09:51
Operator : SY/MD
Sample : VSTDC0025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 03 22:55:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
Response via : Initial Calibration

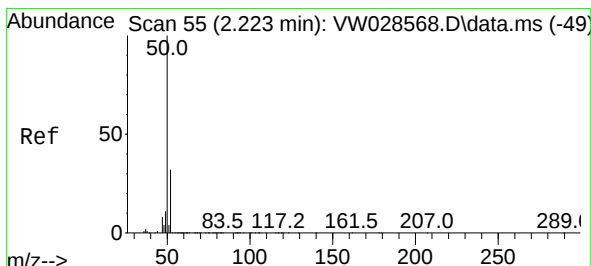
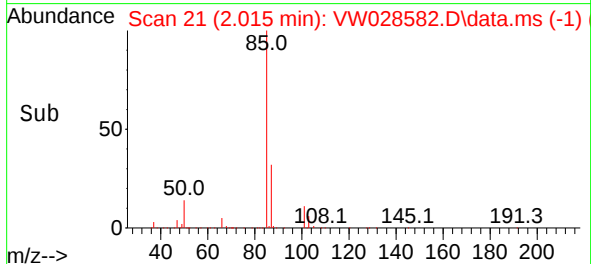
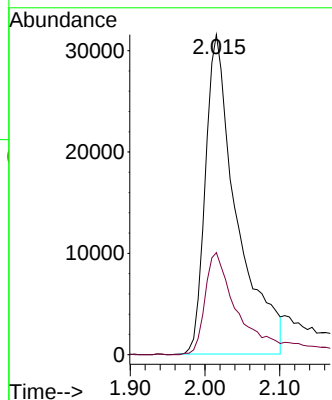
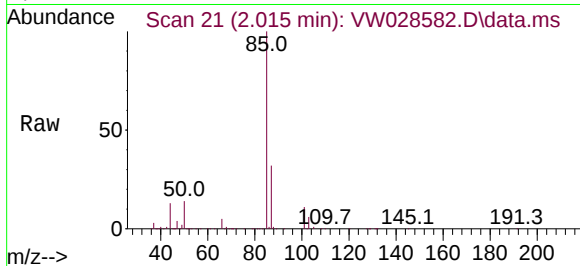




#2
 Dichlorodifluoromethane
 Concen: 20.587 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028582.D
 Acq: 03 May 2024 09:51

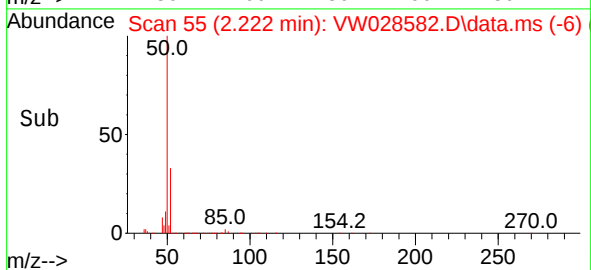
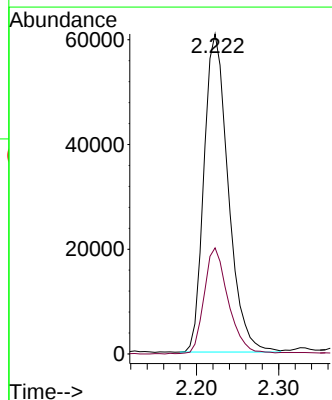
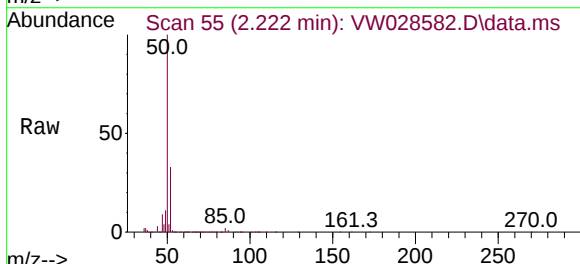
Instrument :
 MSVOA_W
 ClientSampleId :

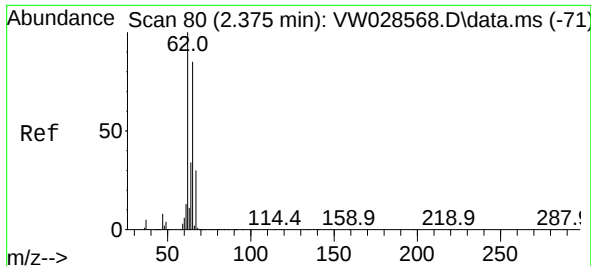
Tgt Ion: 85 Resp: 91680
 Ion Ratio Lower Upper
 85 100
 87 30.3 21.9 32.9



#3
 Chloromethane
 Concen: 22.629 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028582.D
 Acq: 03 May 2024 09:51

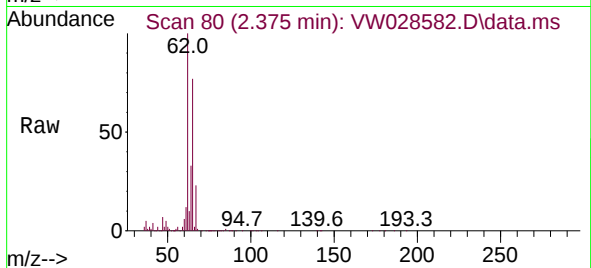
Tgt Ion: 50 Resp: 124848
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0



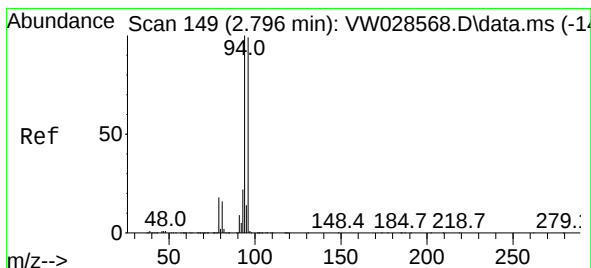
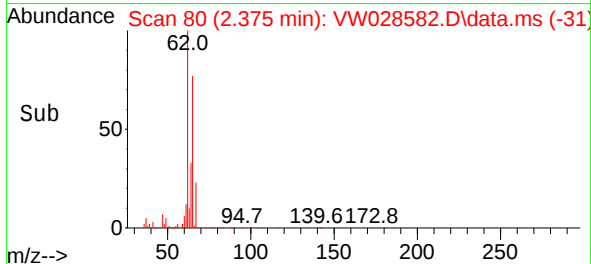
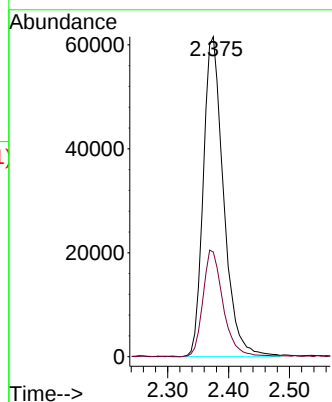


#5
 Vinyl chloride
 Concen: 22.950 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028582.D
 Acq: 03 May 2024 09:51

Instrument :
 MSVOA_W
 ClientSampleId :

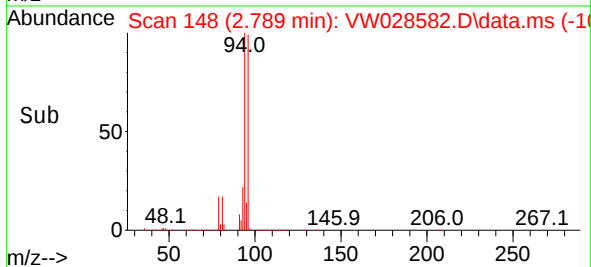
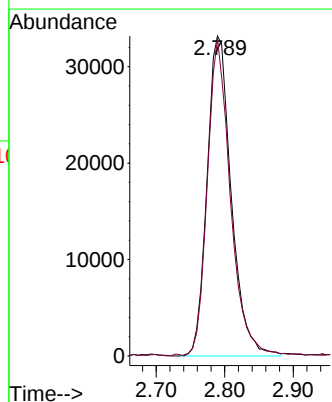
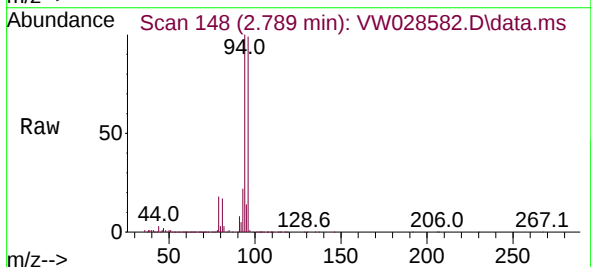


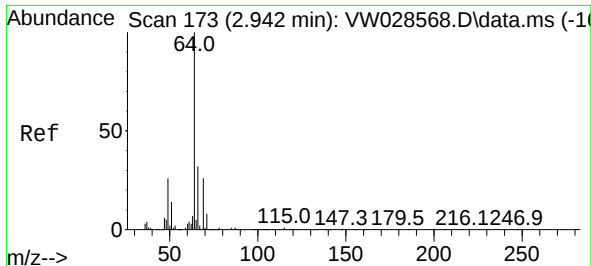
Tgt Ion: 62 Resp: 142551
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.3 43.3



#6
 Bromomethane
 Concen: 22.702 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028582.D
 Acq: 03 May 2024 09:51

Tgt Ion: 94 Resp: 81572
 Ion Ratio Lower Upper
 94 100
 96 99.0 66.3 123.1

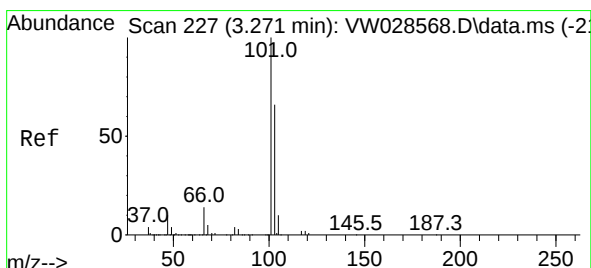
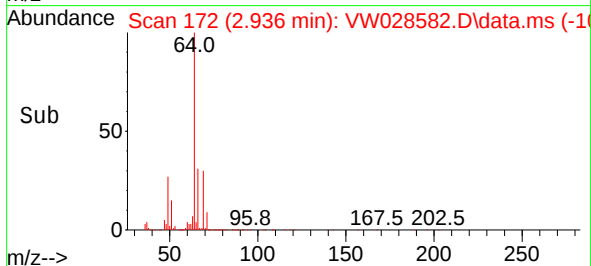
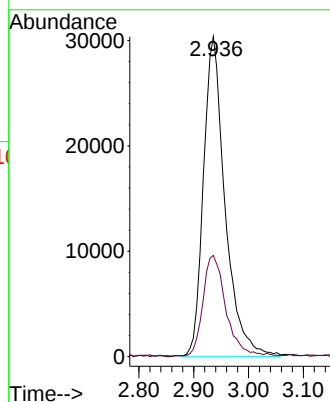
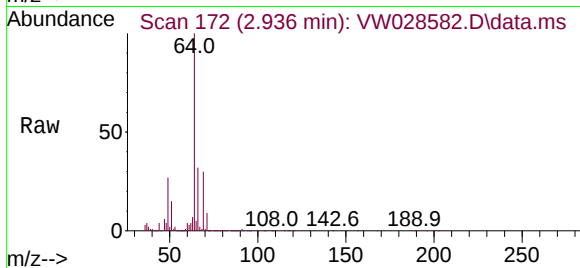




#8
Chloroethane
Concen: 23.405 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

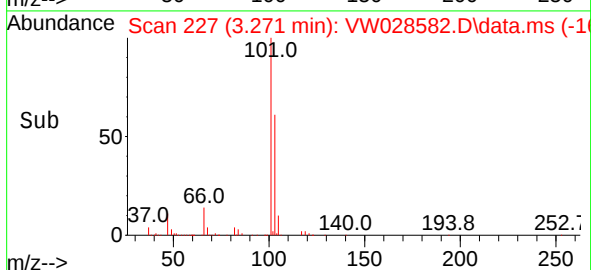
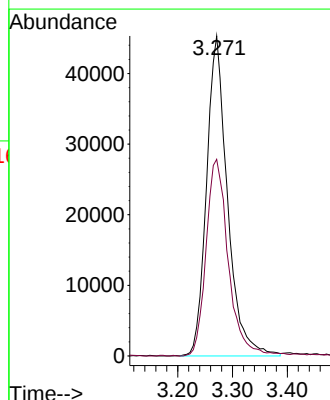
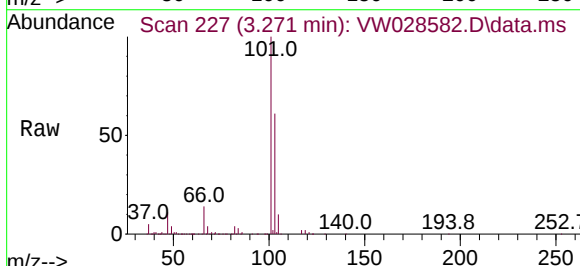
Instrument :
MSVOA_W
ClientSampleId :

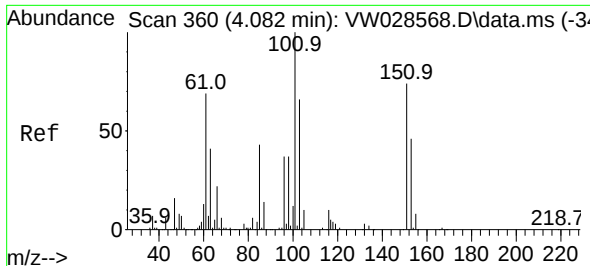
Tgt Ion: 64 Resp: 82910
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.547 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

Tgt Ion:101 Resp: 120079
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6





#10

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

Concen: 21.996 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

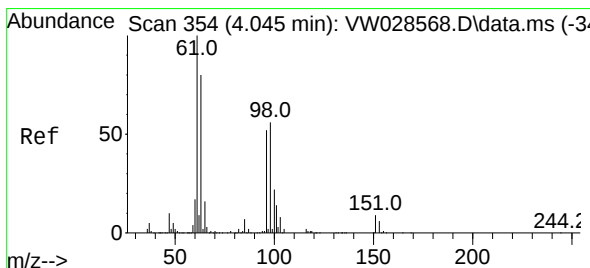
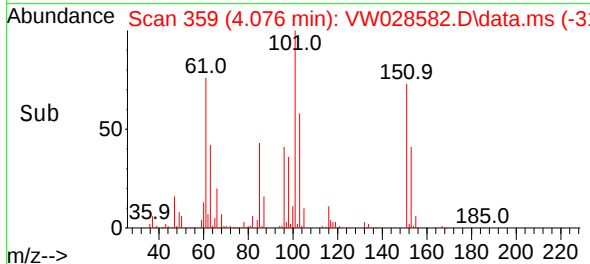
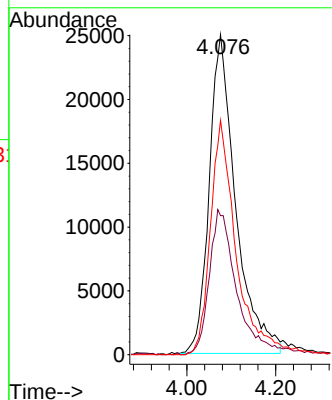
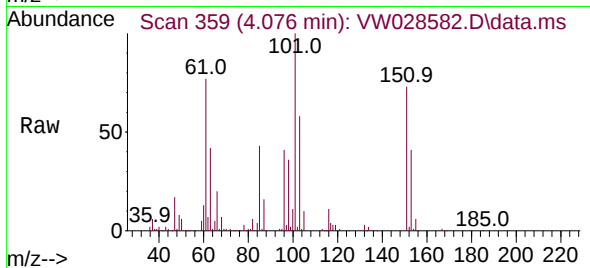
Tgt Ion:101 Resp: 103415

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.8

151 70.3 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.146 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

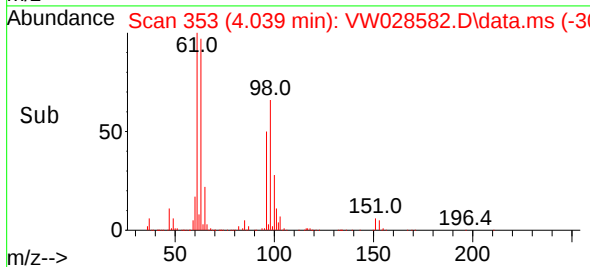
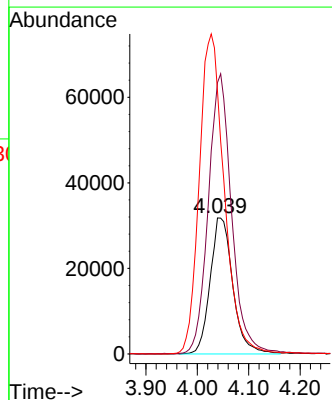
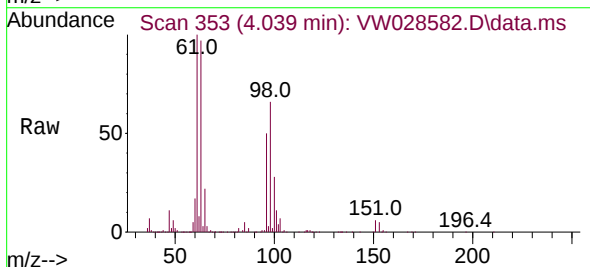
Tgt Ion: 96 Resp: 97620

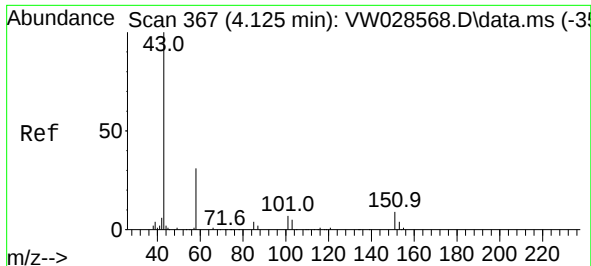
Ion Ratio Lower Upper

96 100

61 199.4 131.6 244.4

63 193.4 111.4 206.8

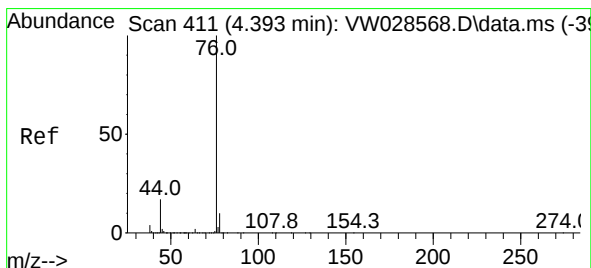
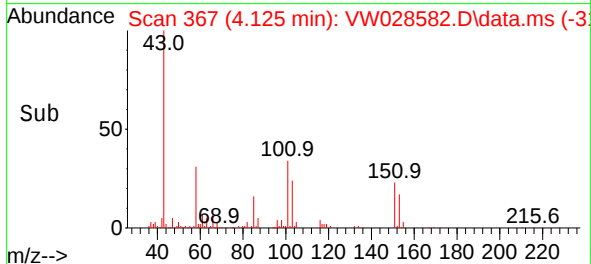
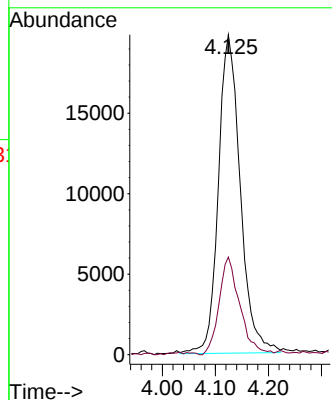
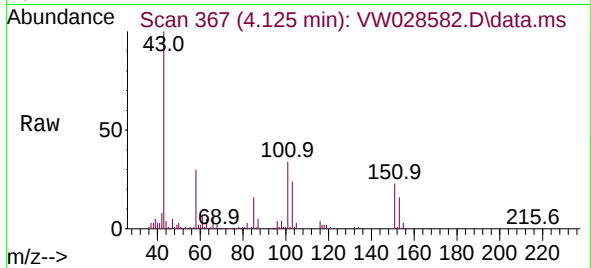




#13
Acetone
Concen: 41.100 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

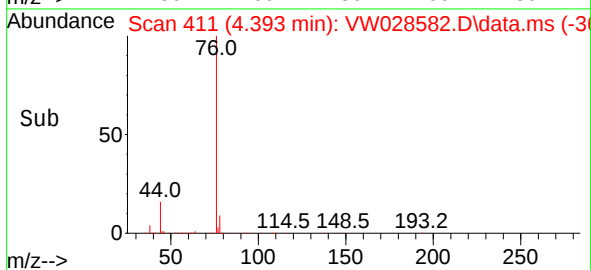
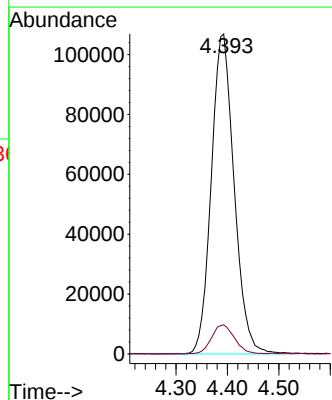
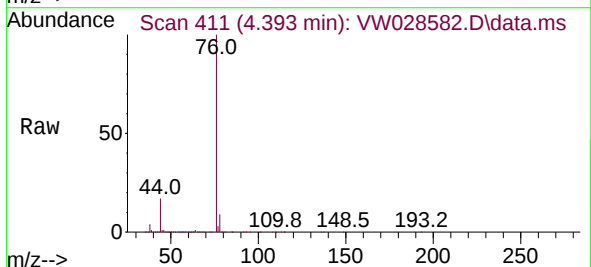
Instrument :
MSVOA_W
ClientSampleId :

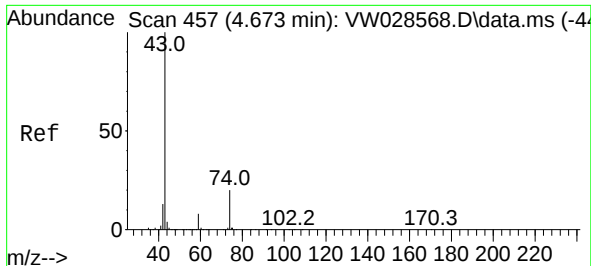
Tgt Ion: 43 Resp: 56766
Ion Ratio Lower Upper
43 100
58 28.7 0.0 54.4



#14
Carbon disulfide
Concen: 23.116 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

Tgt Ion: 76 Resp: 329503
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 17.722 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

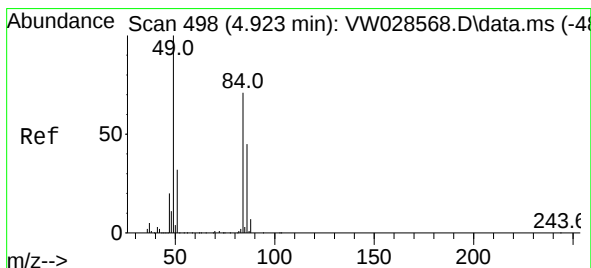
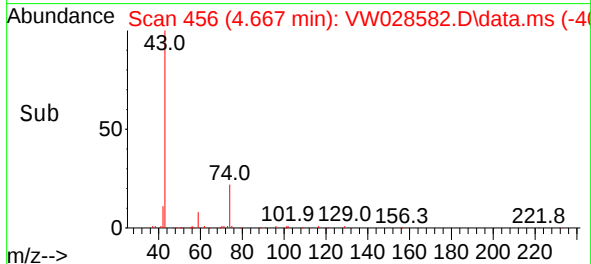
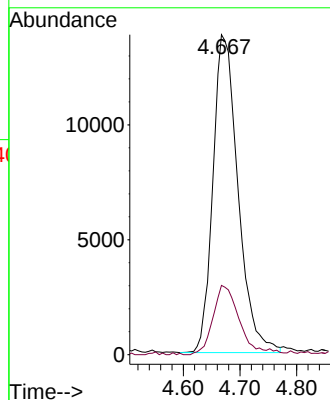
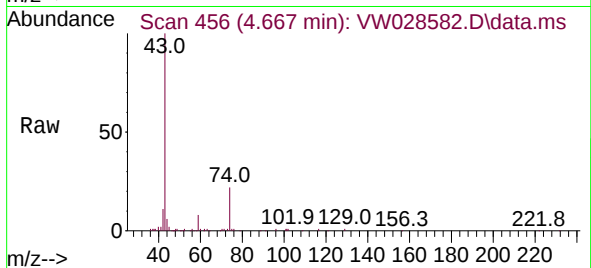
ClientSampleId :

Tgt Ion: 43 Resp: 42585

Ion Ratio Lower Upper

43 100

74 22.3 17.6 26.4



#16

Methylene chloride

Concen: 21.934 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

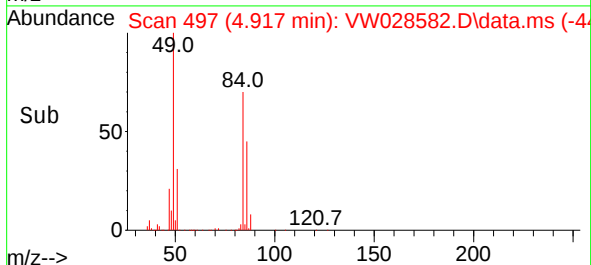
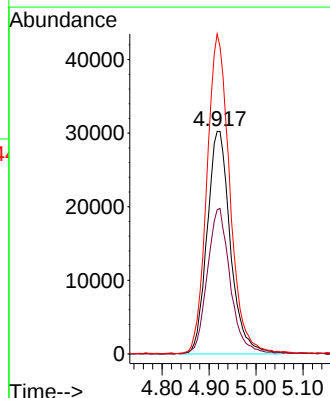
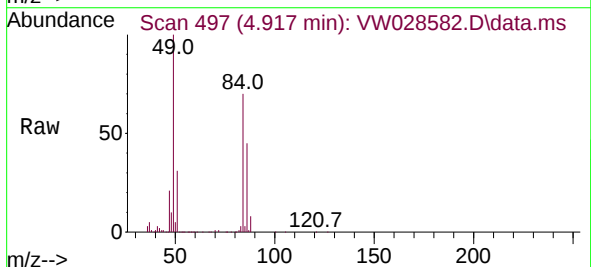
Tgt Ion: 84 Resp: 103954

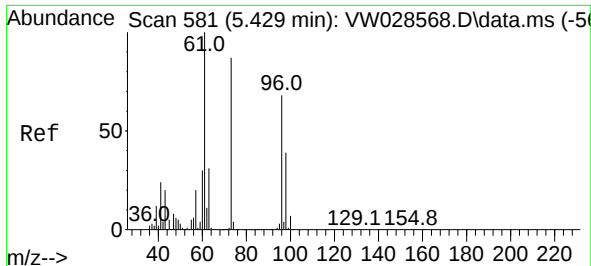
Ion Ratio Lower Upper

84 100

86 64.8 44.4 82.4

49 143.8 100.2 186.2

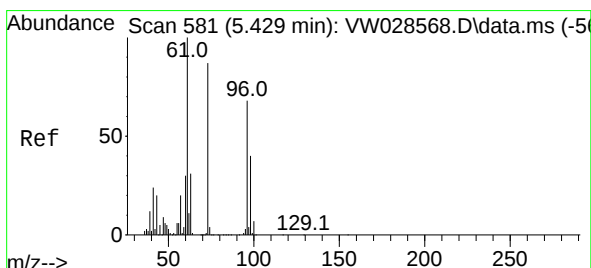
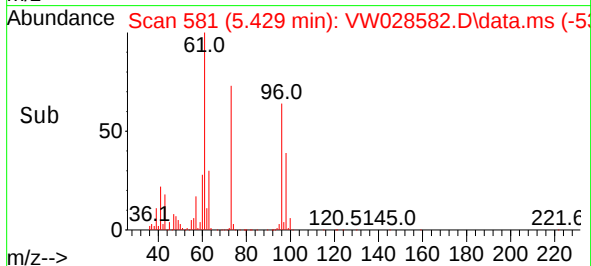
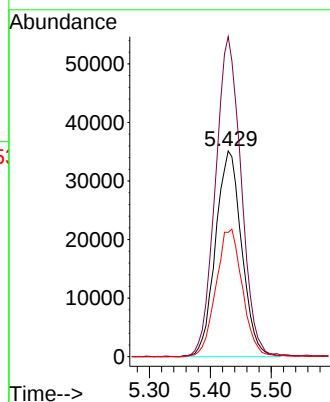
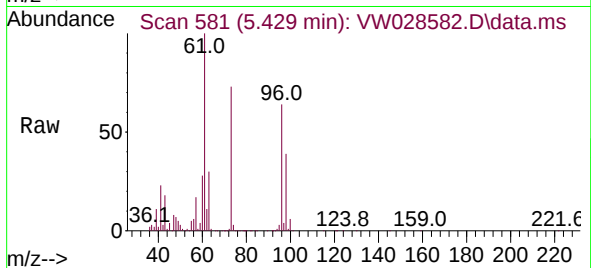




#17
trans-1,2-Dichloroethene
Concen: 23.862 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

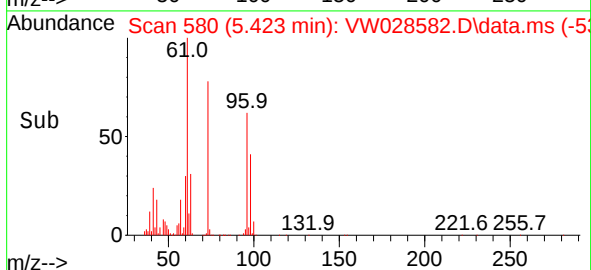
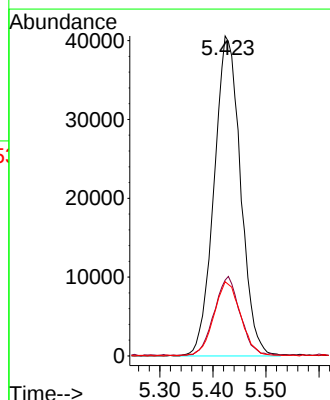
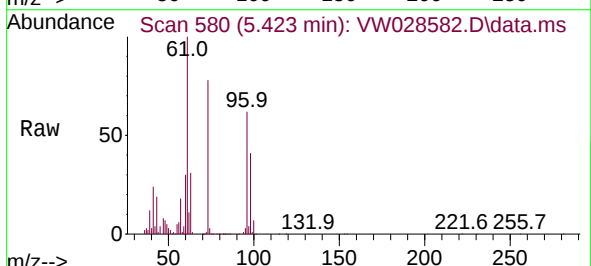
Instrument :
MSVOA_W
ClientSampleId :

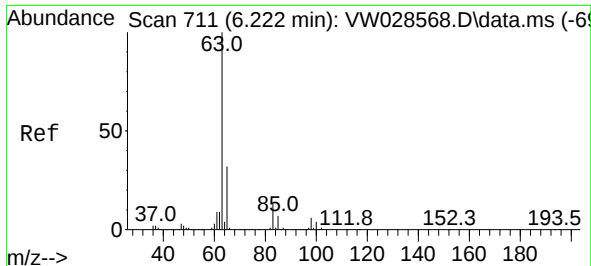
Tgt Ion: 96 Resp: 104777
Ion Ratio Lower Upper
96 100
61 155.5 109.0 202.4
98 60.4 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 21.743 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

Tgt Ion: 73 Resp: 140892
Ion Ratio Lower Upper
73 100
43 24.2 19.2 28.8
57 23.3 18.5 27.7





#19

1,1-Dichloroethane

Concen: 23.244 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min MSVOA_W

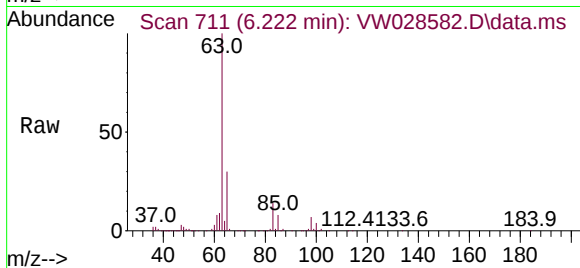
Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



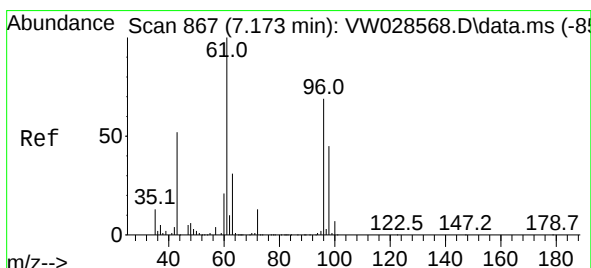
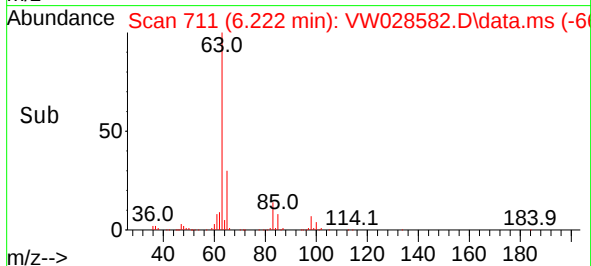
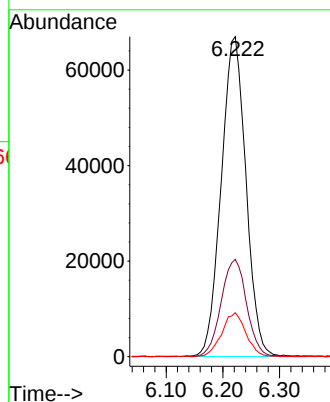
Tgt Ion: 63 Resp: 202390

Ion Ratio Lower Upper

63 100

65 30.4 22.9 42.5

83 13.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.320 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

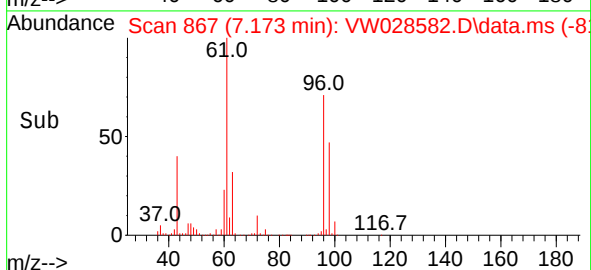
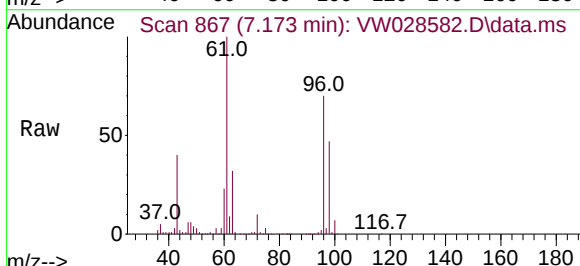
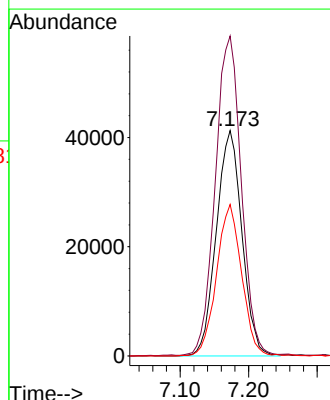
Tgt Ion: 96 Resp: 107164

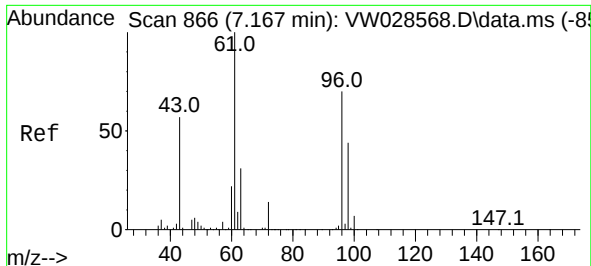
Ion Ratio Lower Upper

96 100

61 141.9 102.8 191.0

98 67.2 44.3 82.3





#22

2-Butanone

Concen: 37.797 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

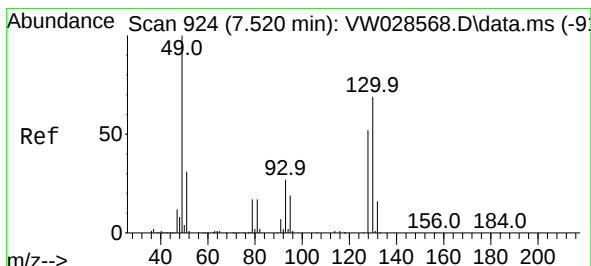
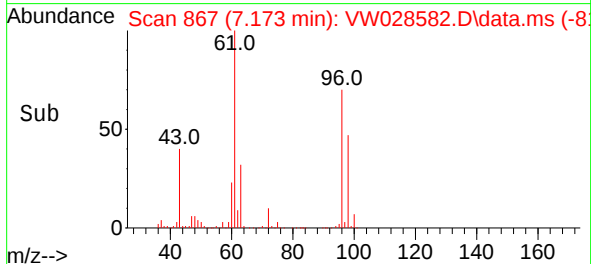
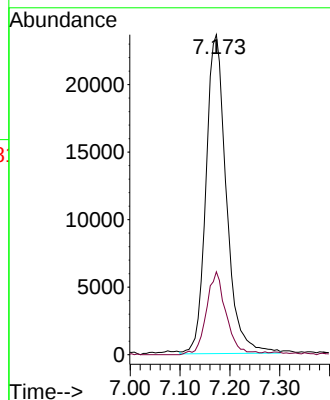
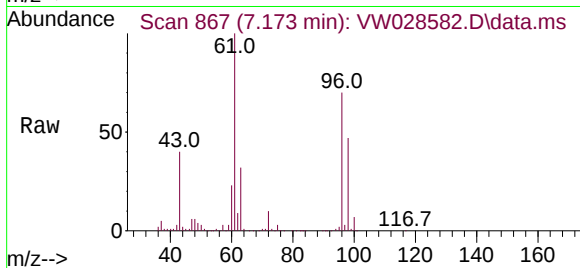
ClientSampleId :

Tgt Ion: 43 Resp: 67005

Ion Ratio Lower Upper

43 100

72 24.4 12.2 36.6



#23

Bromochloromethane

Concen: 22.063 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Tgt Ion: 128 Resp: 44226

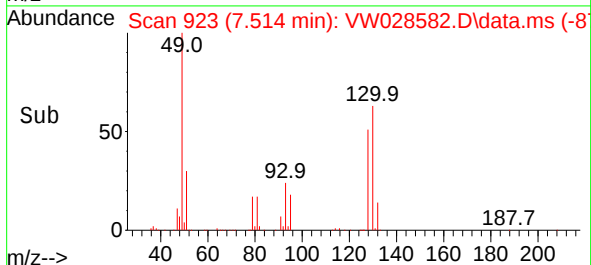
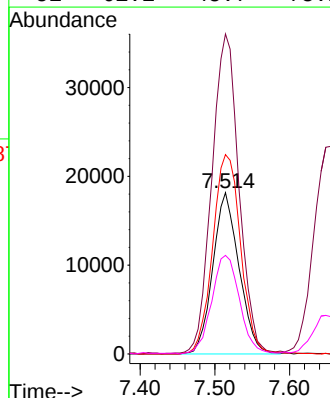
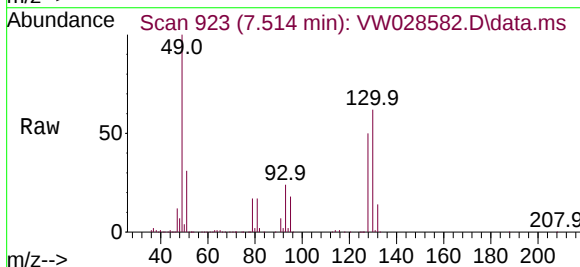
Ion Ratio Lower Upper

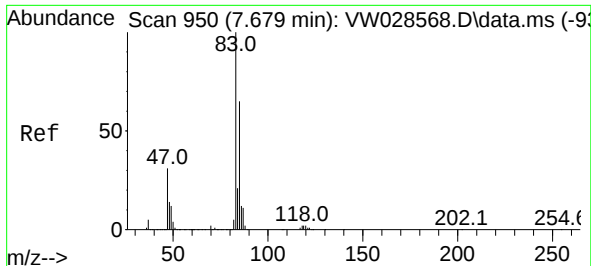
128 100

49 198.4 139.6 259.2

130 123.6 91.2 169.4

51 61.1 48.7 73.1





#25

Chloroform

Concen: 23.295 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

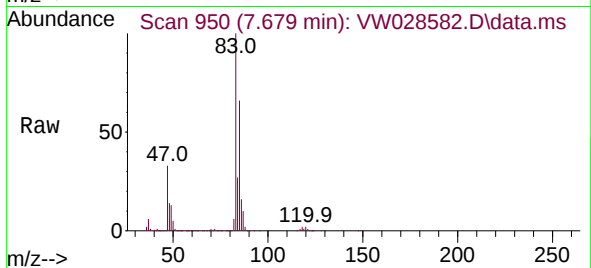
Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

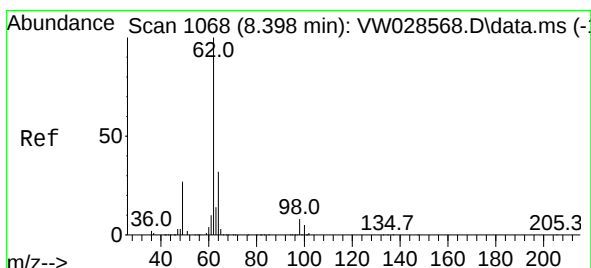
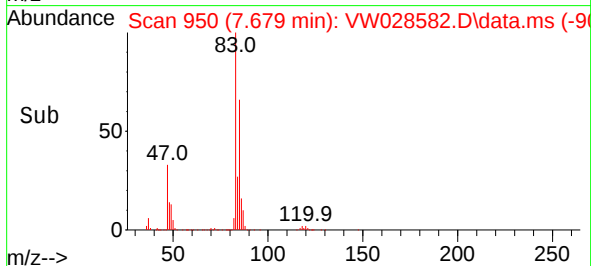
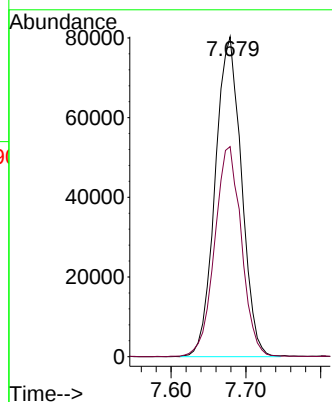


Tgt Ion: 83 Resp: 196184

Ion Ratio Lower Upper

83 100

85 65.6 43.4 80.6



#27

1,2-Dichloroethane

Concen: 22.636 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028582.D

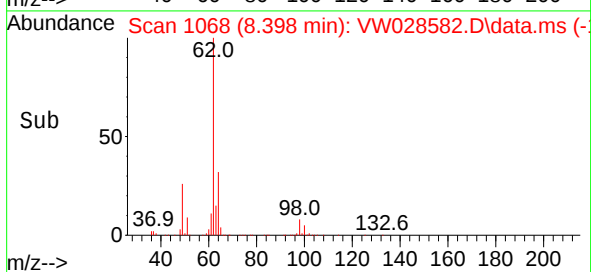
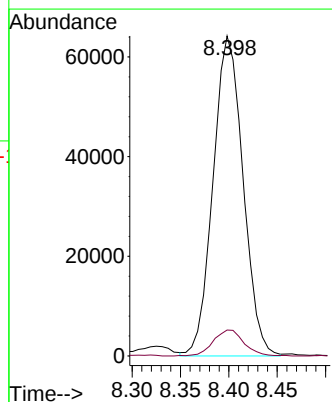
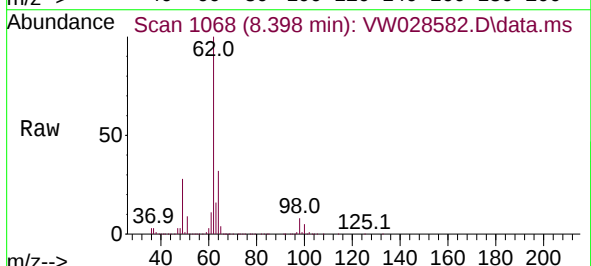
Acq: 03 May 2024 09:51

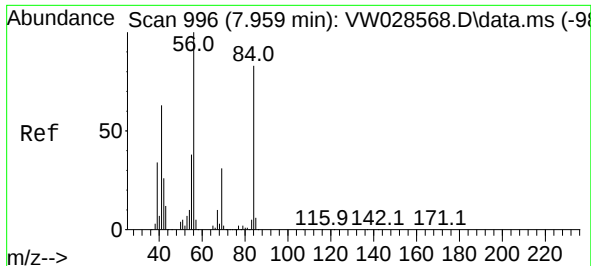
Tgt Ion: 62 Resp: 138577

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

Cyclohexane

Concen: 24.508 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

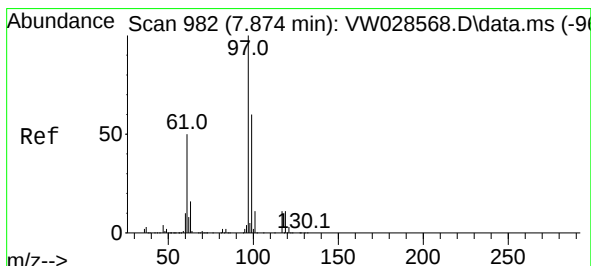
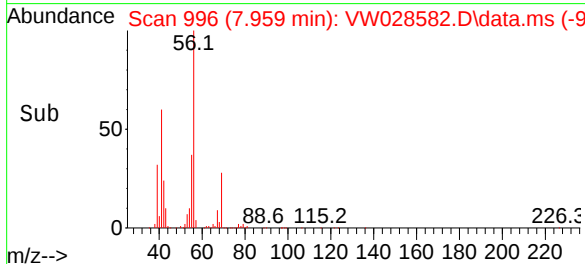
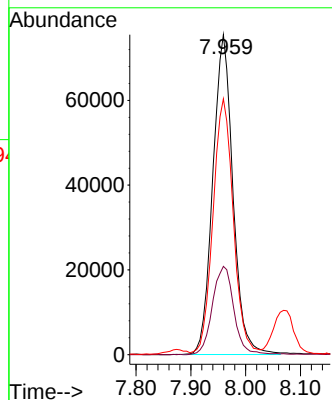
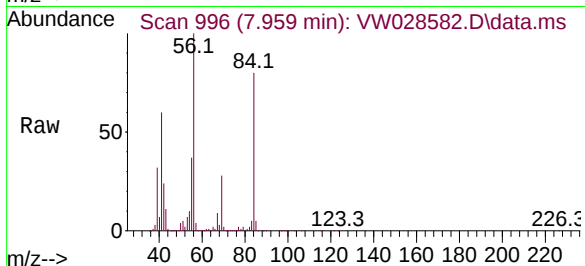
Tgt Ion: 56 Resp: 192183

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 80.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.136 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

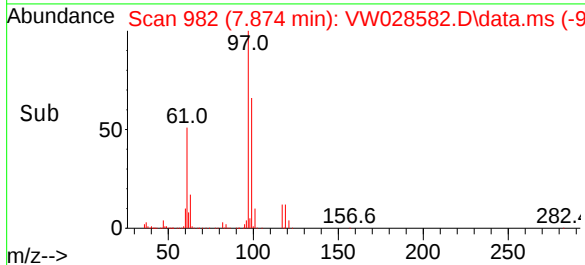
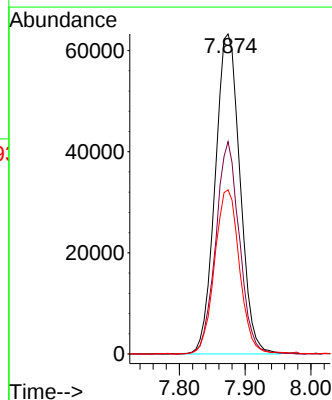
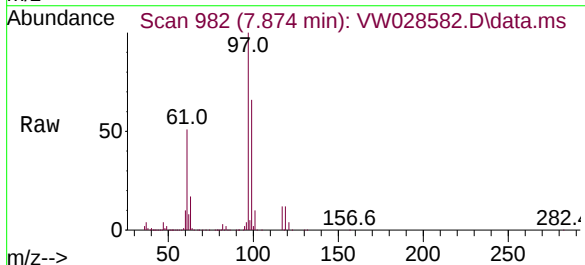
Tgt Ion: 97 Resp: 166338

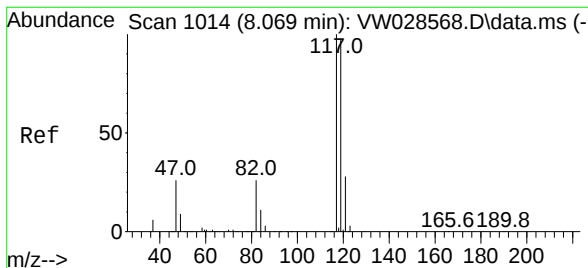
Ion Ratio Lower Upper

97 100

99 63.3 50.9 76.3

61 51.4 41.0 61.6





#31

Carbon tetrachloride

Concen: 24.096 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

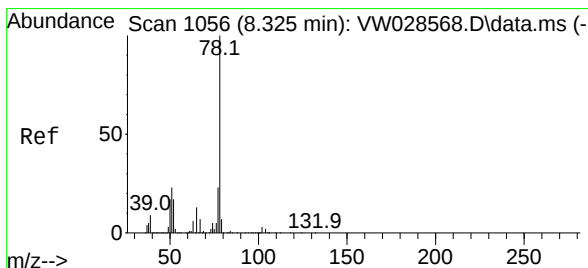
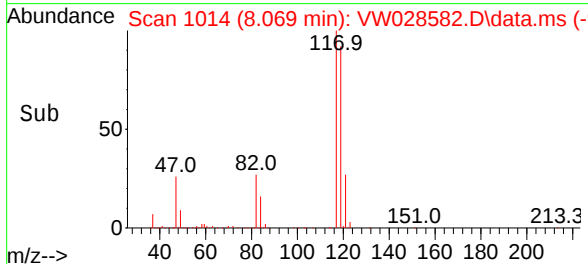
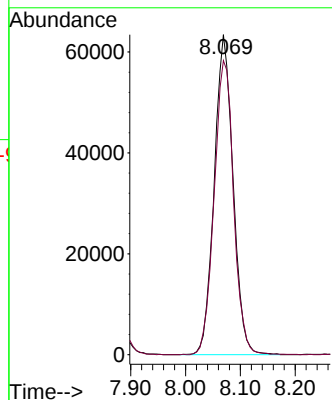
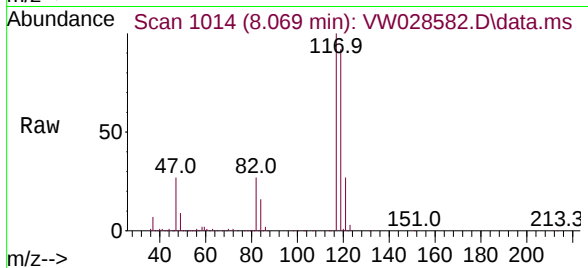
ClientSampleId :

Tgt Ion:117 Resp: 151409

Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8



#33

Benzene

Concen: 24.572 ug/L

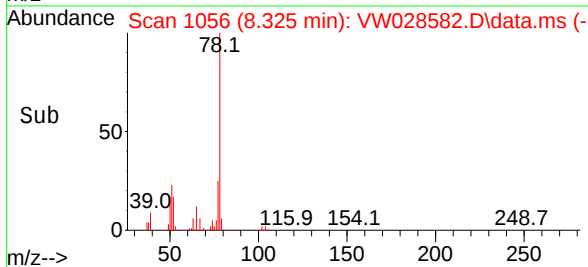
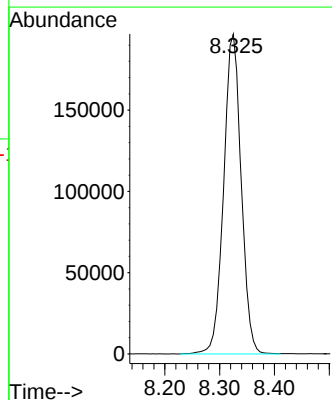
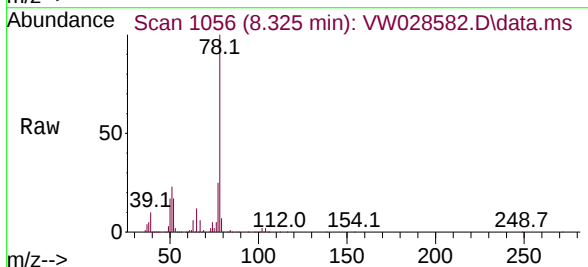
RT: 8.325 min Scan# 1056

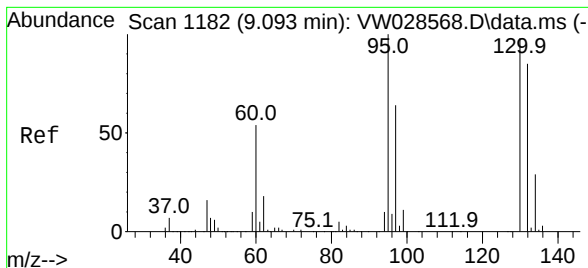
Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Tgt Ion: 78 Resp: 438213





#34

Trichloroethene

Concen: 23.580 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 112749

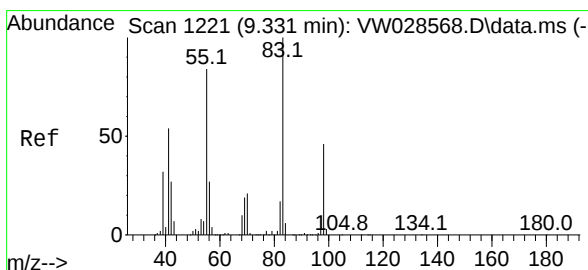
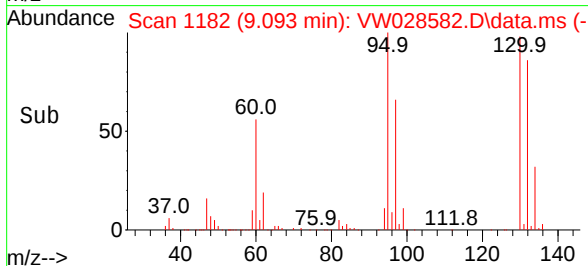
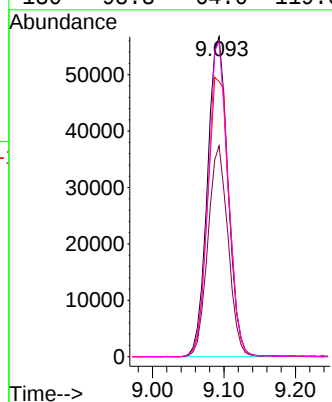
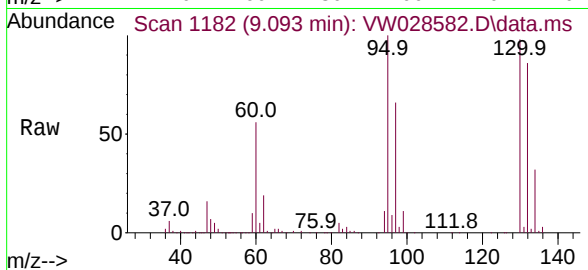
Ion Ratio Lower Upper

95 100

97 65.9 44.9 83.3

132 86.0 59.7 110.9

130 98.3 64.0 119.0



#35

Methylcyclohexane

Concen: 24.346 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

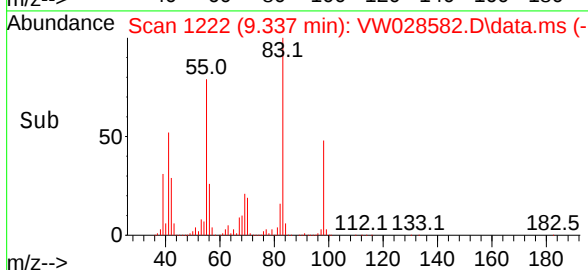
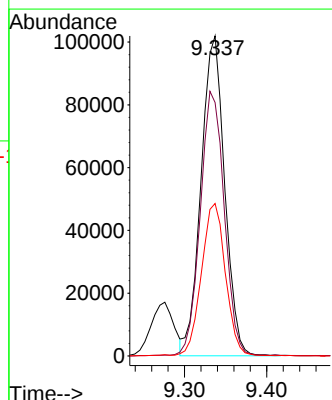
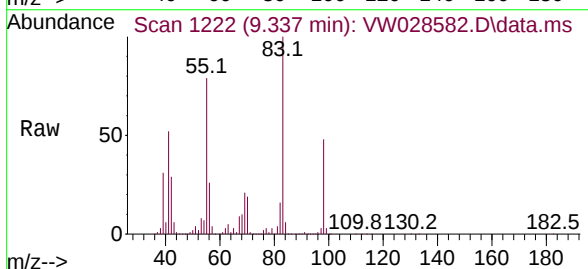
Tgt Ion: 83 Resp: 203437

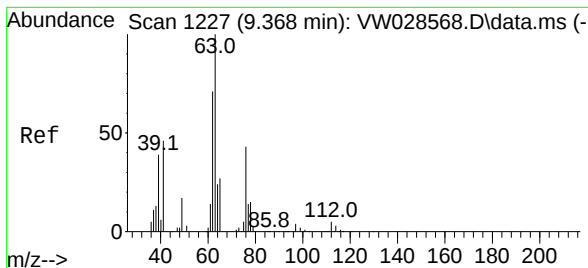
Ion Ratio Lower Upper

83 100

55 84.2 66.9 100.3

98 48.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 24.125 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

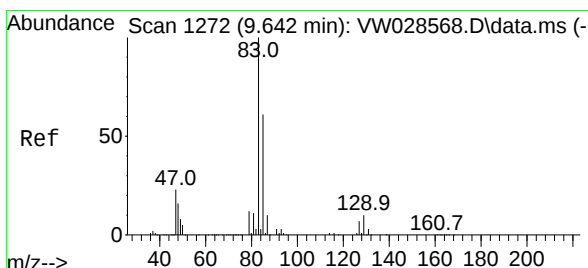
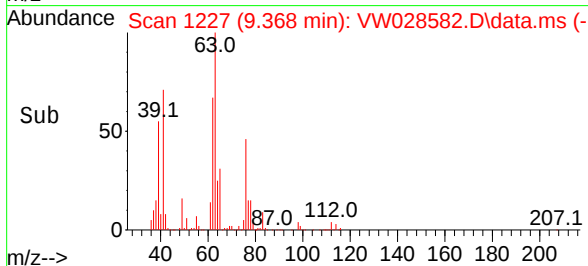
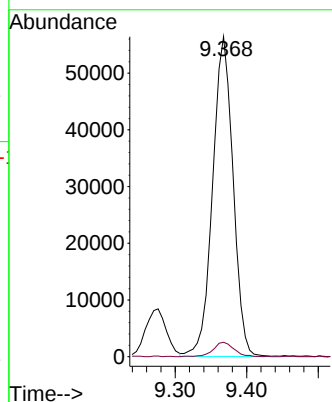
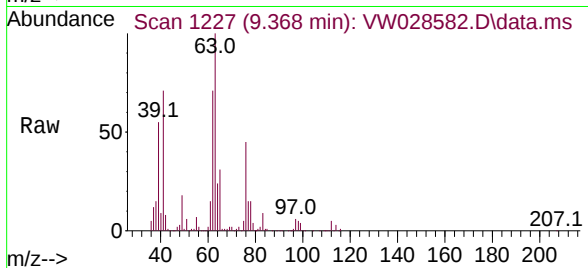
ClientSampleId :

Tgt Ion: 63 Resp: 112110

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 24.109 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

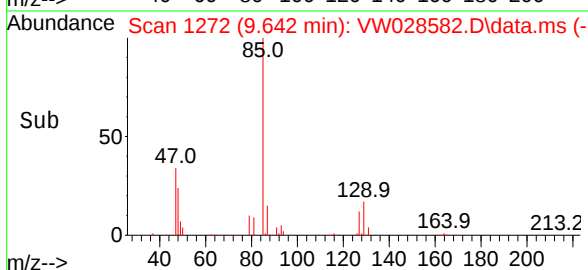
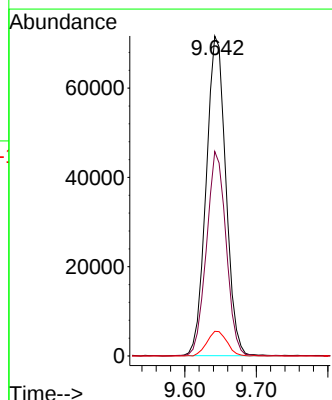
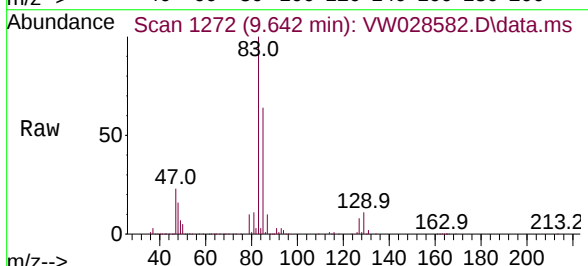
Tgt Ion: 83 Resp: 136575

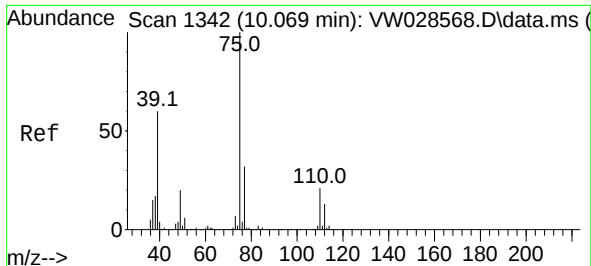
Ion Ratio Lower Upper

83 100

85 63.9 43.0 80.0

127 7.7 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.925 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

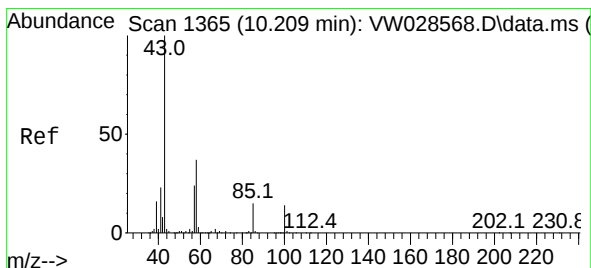
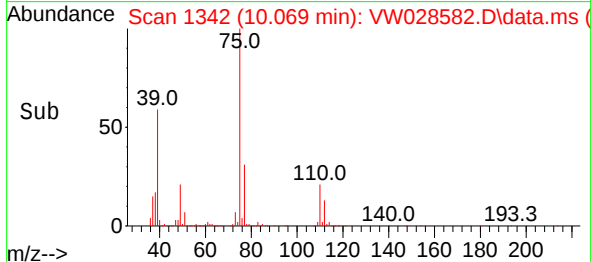
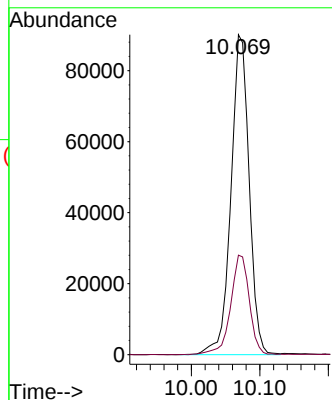
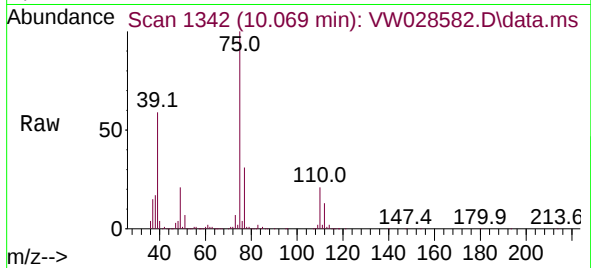
ClientSampleId :

Tgt Ion: 75 Resp: 166019

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 36.951 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

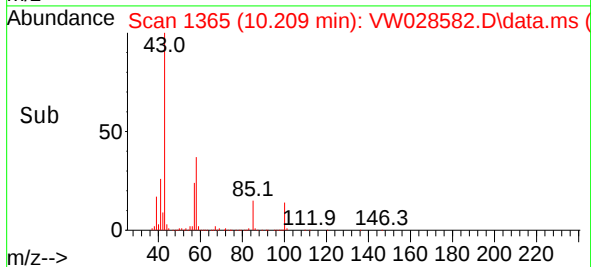
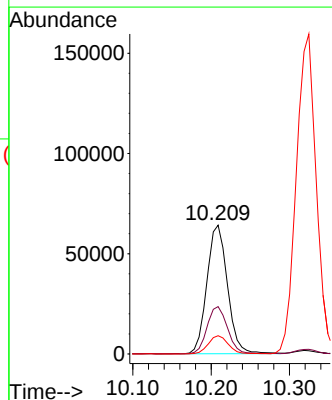
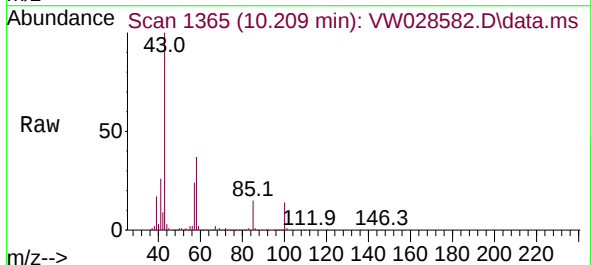
Tgt Ion: 43 Resp: 116870

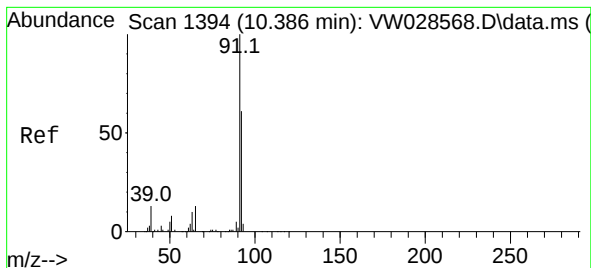
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 14.1 11.0 16.4





#42

Toluene

Concen: 25.163 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

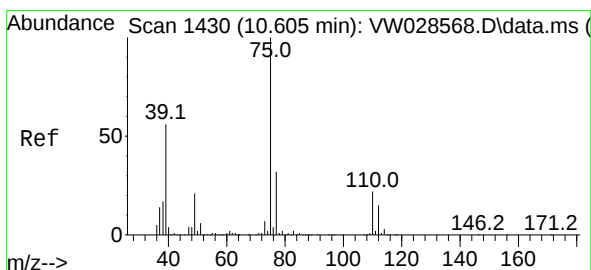
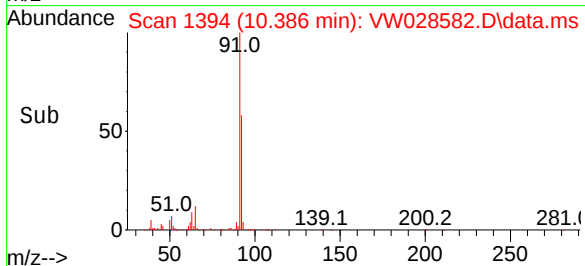
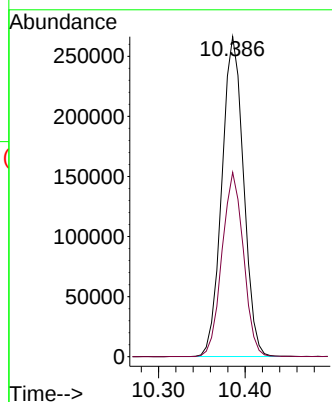
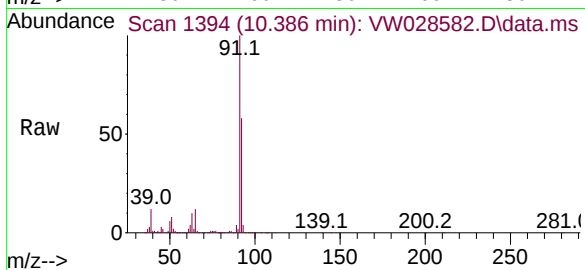
ClientSampleId :

Tgt Ion: 91 Resp: 463499

Ion Ratio Lower Upper

91 100

92 57.6 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 24.097 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028582.D

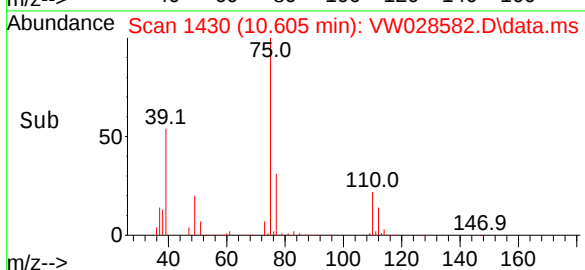
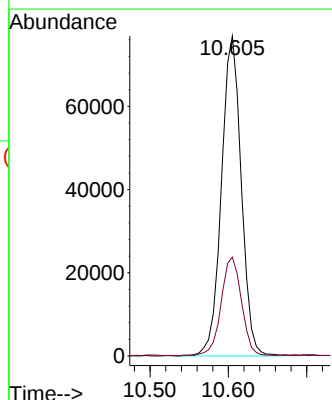
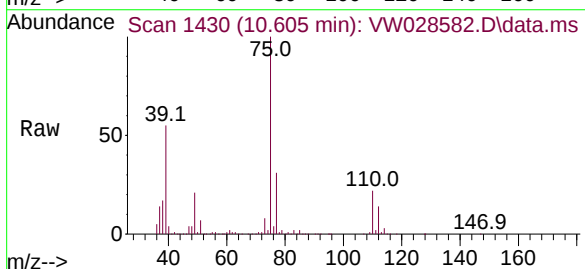
Acq: 03 May 2024 09:51

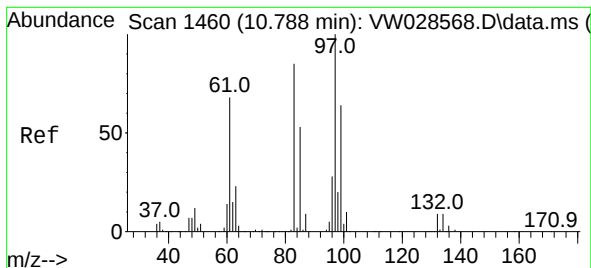
Tgt Ion: 75 Resp: 135329

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 21.447 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72200

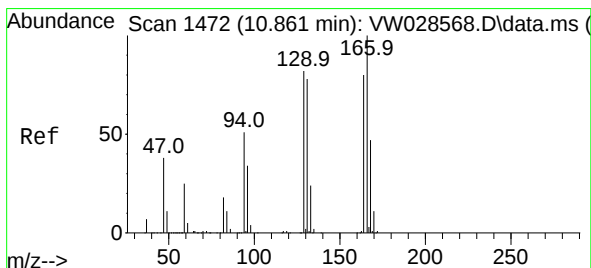
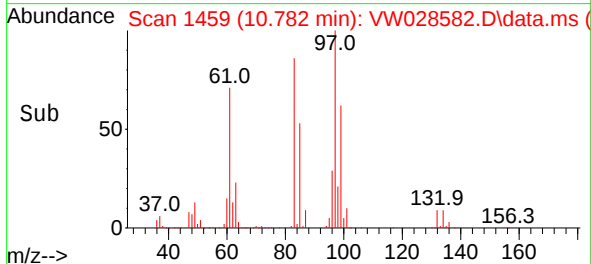
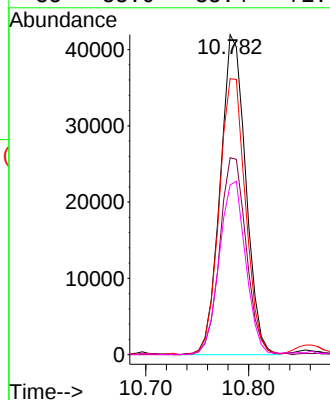
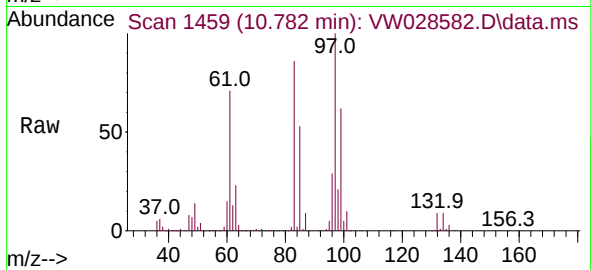
Ion Ratio Lower Upper

97 100

99 61.5 41.9 77.9

83 86.3 62.1 115.3

85 53.0 38.4 71.4



#46

Tetrachloroethene

Concen: 24.584 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Tgt Ion:164 Resp: 84690

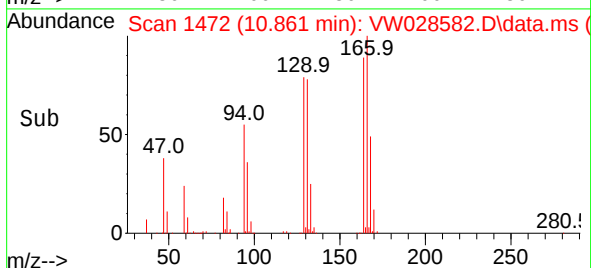
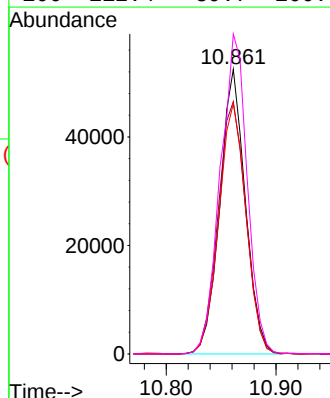
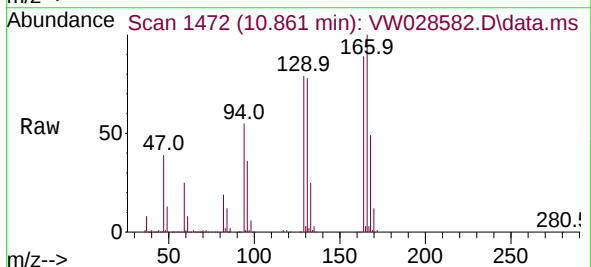
Ion Ratio Lower Upper

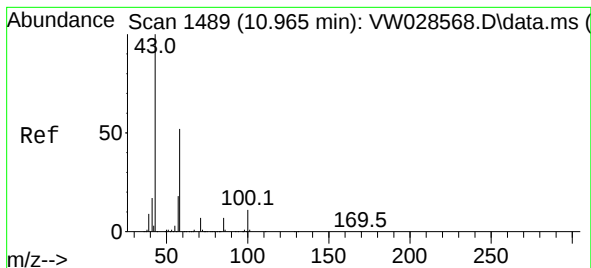
164 100

129 88.6 69.2 128.6

131 87.9 67.7 125.7

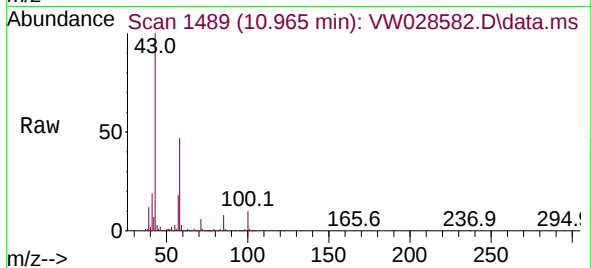
166 112.4 89.7 166.7



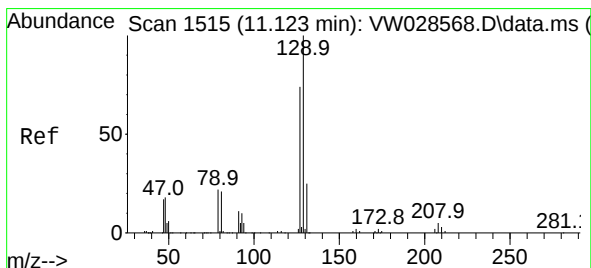
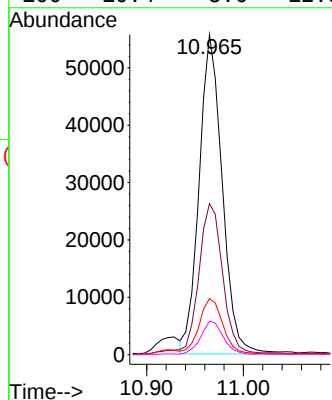
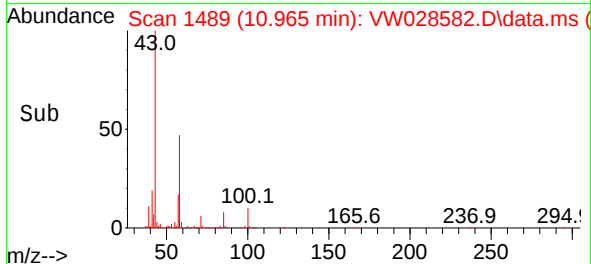


#48
2-Hexanone
Concen: 41.461 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

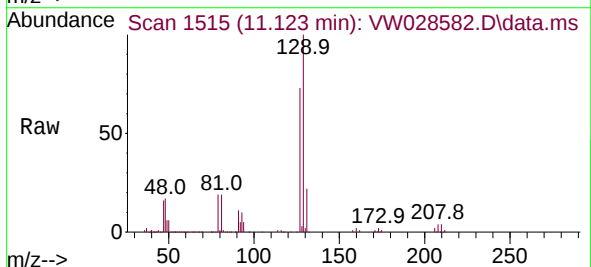
Instrument :
MSVOA_W
ClientSampleId :



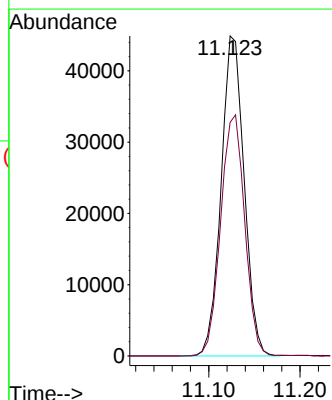
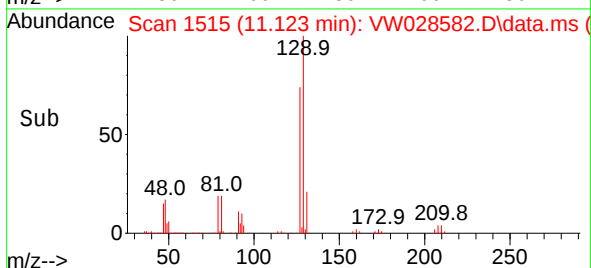
Tgt Ion:	43	Resp:	92579
Ion	Ratio	Lower	Upper
43	100		
58	50.0	41.0	61.4
57	18.0	14.8	22.2
100	10.4	8.6	12.8

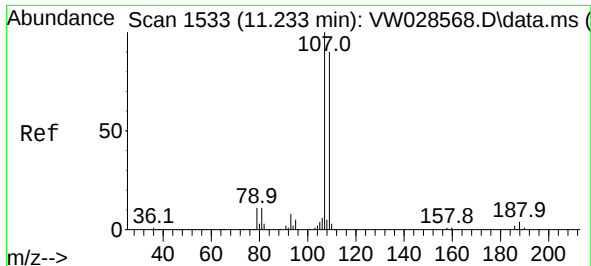


#49
Dibromochloromethane
Concen: 23.307 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51



Tgt Ion:	129	Resp:	78698
Ion	Ratio	Lower	Upper
129	100		
127	73.0	54.3	100.8





#50

1,2-Dibromoethane

Concen: 20.828 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028582.D

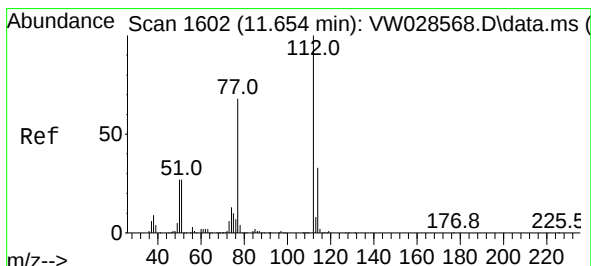
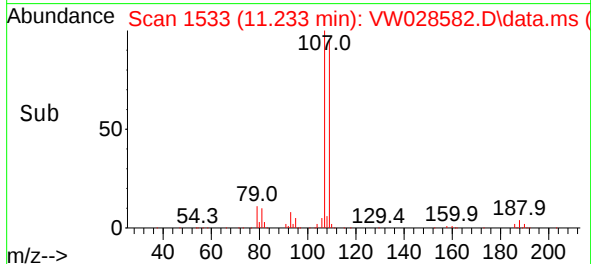
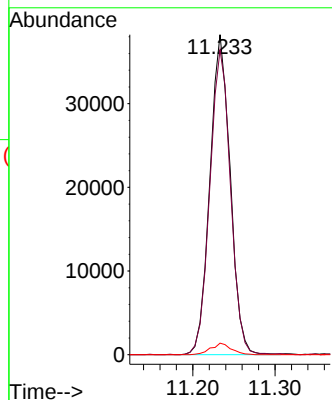
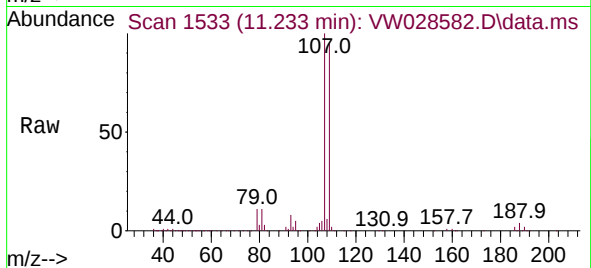
Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	65681
Ion Ratio	Lower	Upper
107	100	
109	95.3	64.2 119.2
188	3.6	3.1 4.7



#51

Chlorobenzene

Concen: 24.083 ug/L

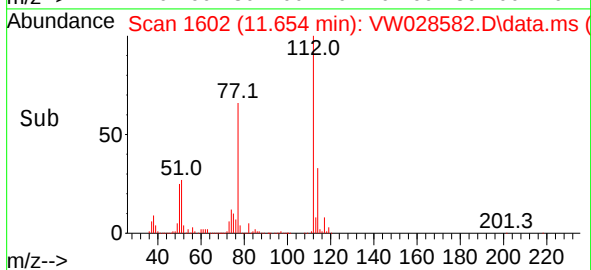
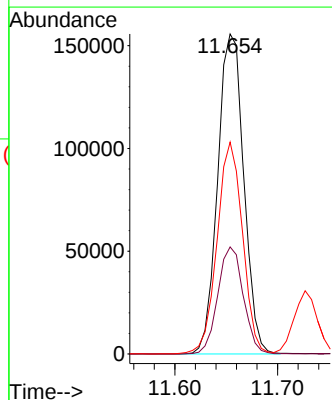
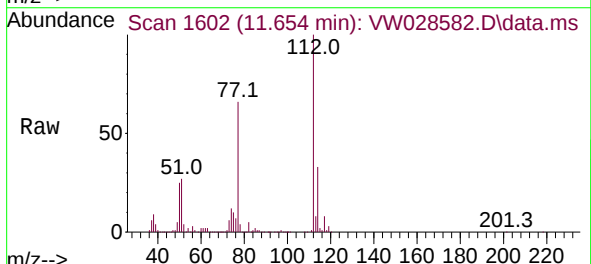
RT: 11.654 min Scan# 1602

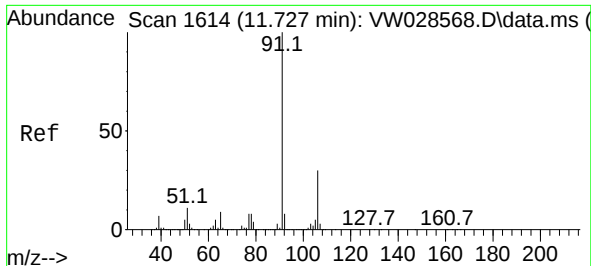
Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Tgt Ion:112	Resp:	274394
Ion Ratio	Lower	Upper
112	100	
114	33.5	22.2 41.2
77	66.2	50.8 76.2





#52

Ethylbenzene

Concen: 25.016 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

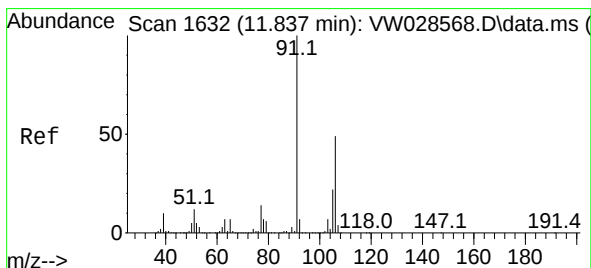
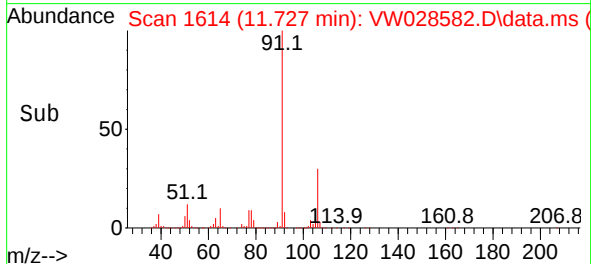
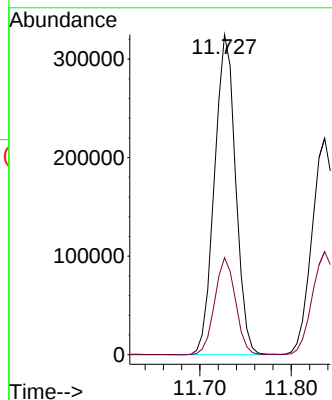
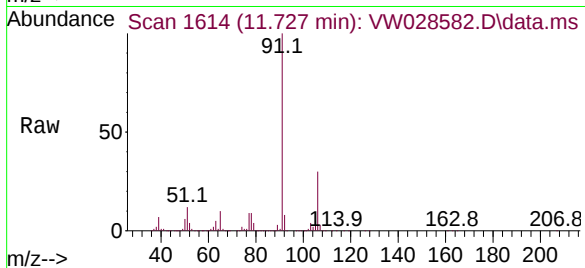
ClientSampleId :

Tgt Ion: 91 Resp: 521465

Ion Ratio Lower Upper

91 100

106 30.3 22.7 42.1



#53

m,p-Xylene

Concen: 25.069 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028582.D

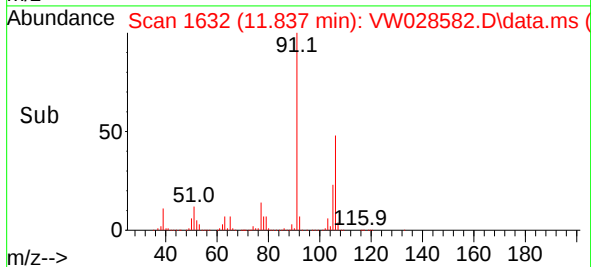
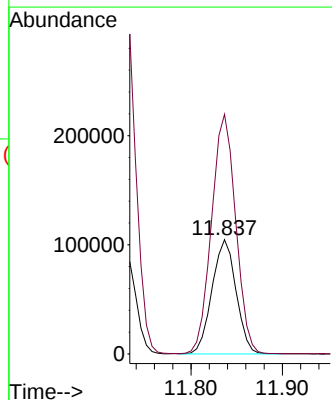
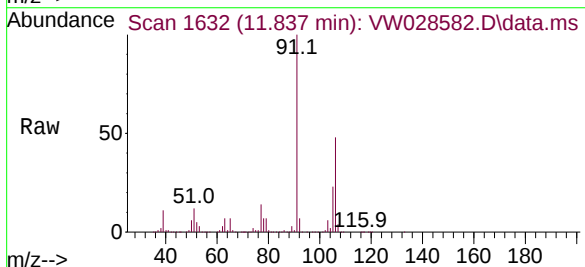
Acq: 03 May 2024 09:51

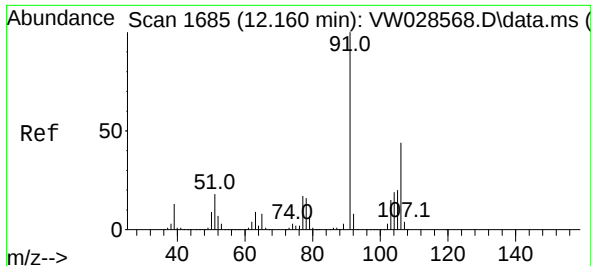
Tgt Ion:106 Resp: 191551

Ion Ratio Lower Upper

106 100

91 209.9 146.6 272.2

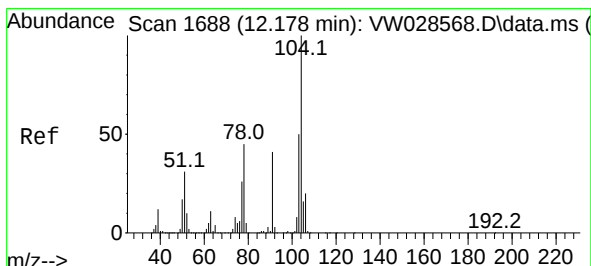
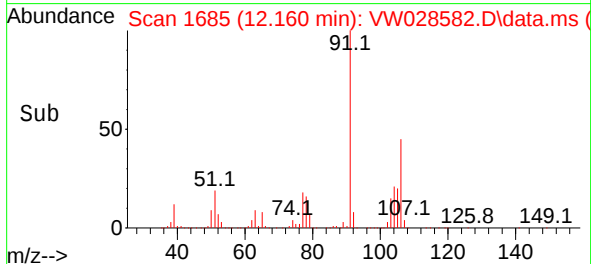
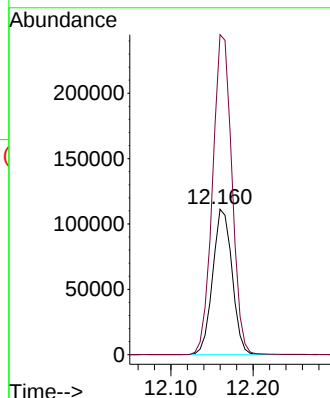
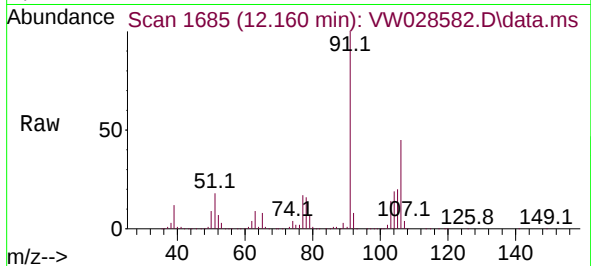




#54
o-Xylene
Concen: 25.824 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

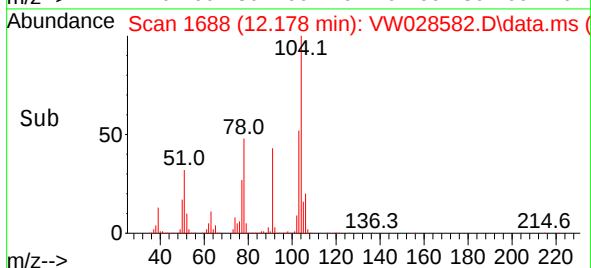
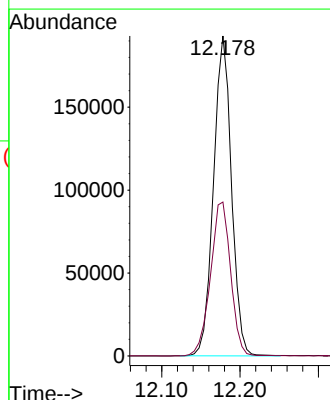
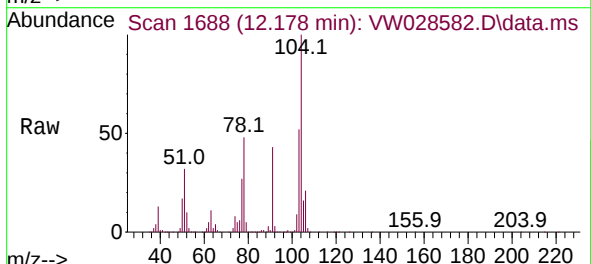
Instrument :
MSVOA_W
ClientSampleId :

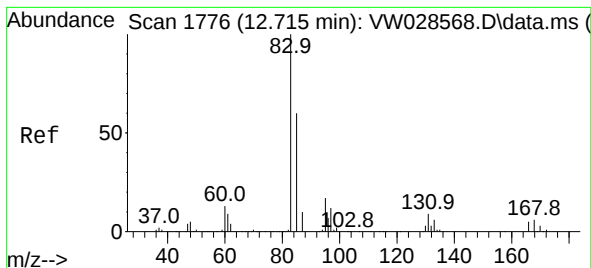
Tgt Ion:106 Resp: 182547
Ion Ratio Lower Upper
106 100
91 220.0 154.3 286.5



#55
Styrene
Concen: 25.664 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

Tgt Ion:104 Resp: 307396
Ion Ratio Lower Upper
104 100
78 48.1 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 20.071 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

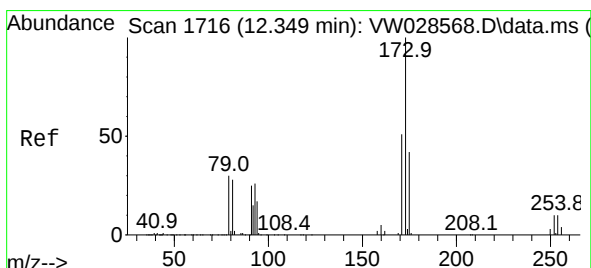
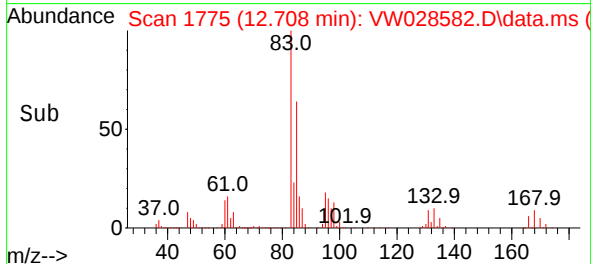
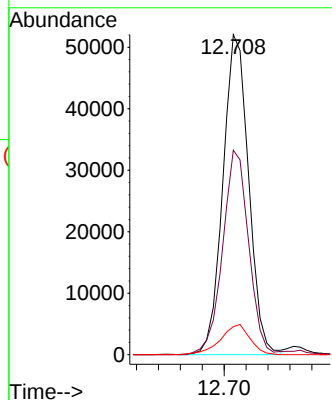
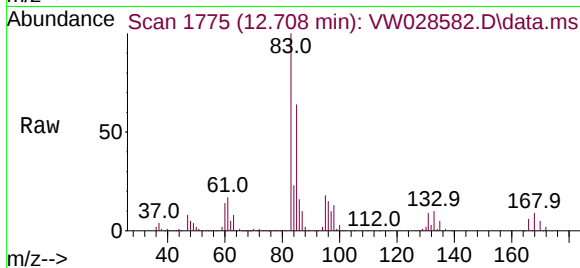
Tgt Ion: 83 Resp: 84769

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.6

131 8.8 7.3 10.9



#59

Bromoform

Concen: 19.950 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

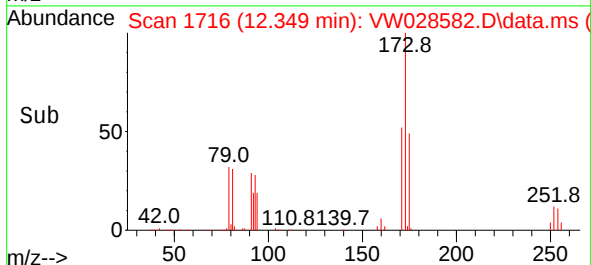
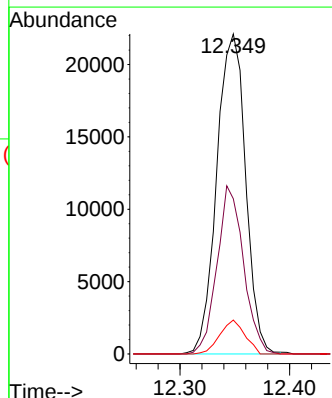
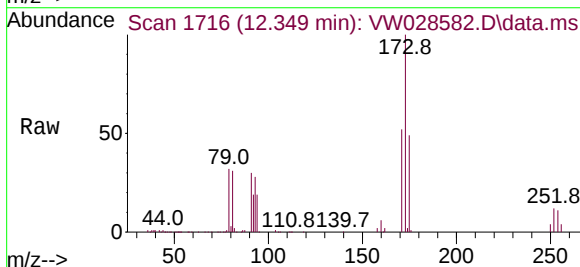
Tgt Ion:173 Resp: 40394

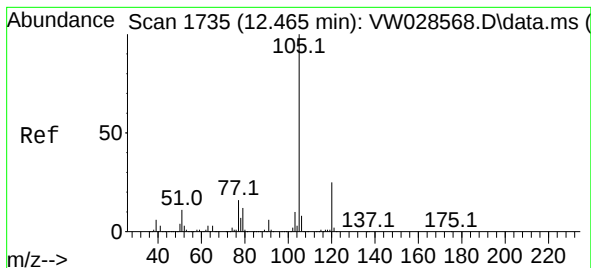
Ion Ratio Lower Upper

173 100

175 48.2 39.8 59.8

254 9.2 7.1 10.7





#60

Isopropylbenzene

Concen: 23.852 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

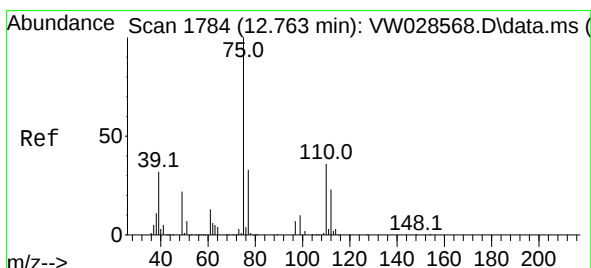
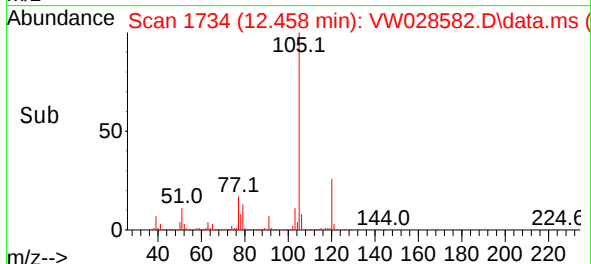
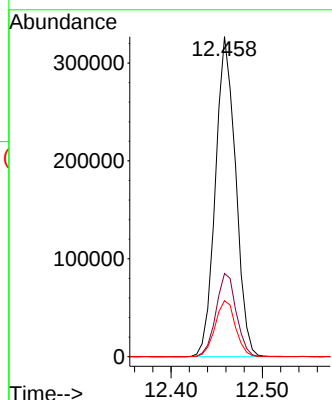
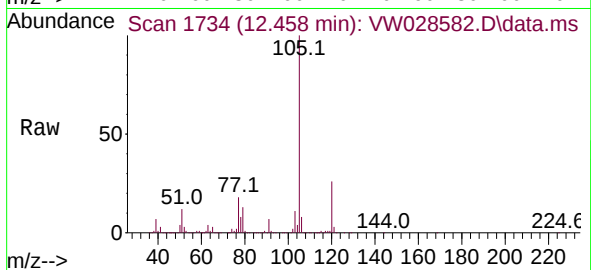
Tgt Ion:105 Resp: 502218

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

77 17.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 18.526 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

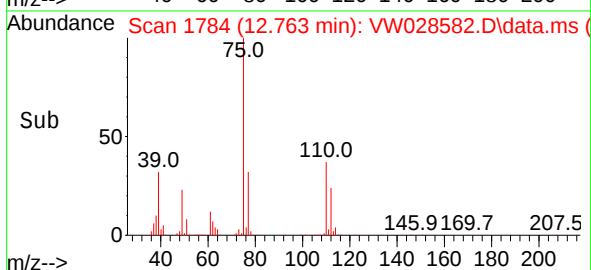
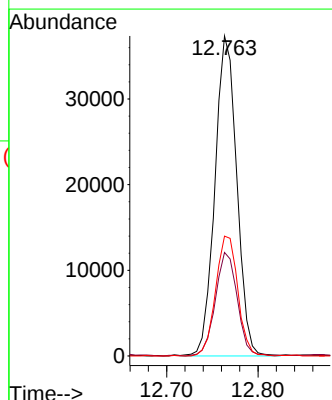
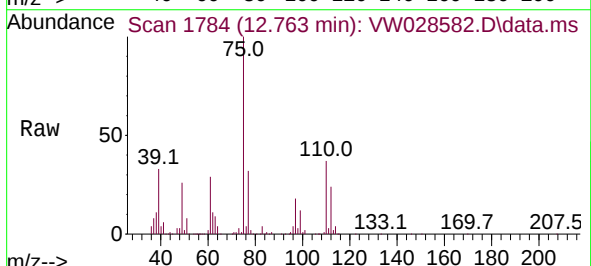
Tgt Ion: 75 Resp: 62136

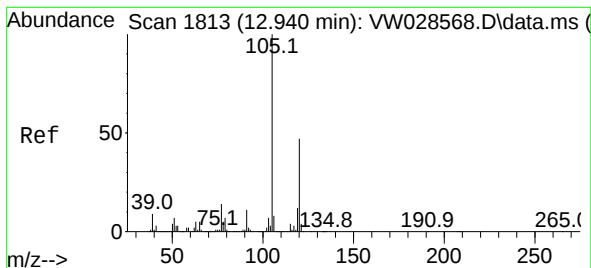
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 37.9 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 25.463 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

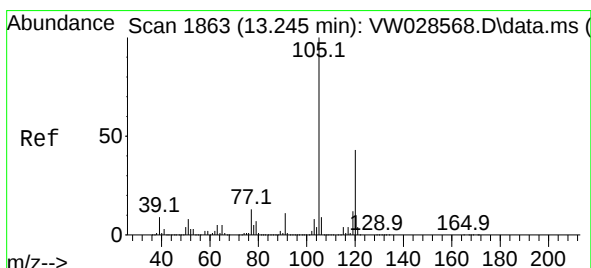
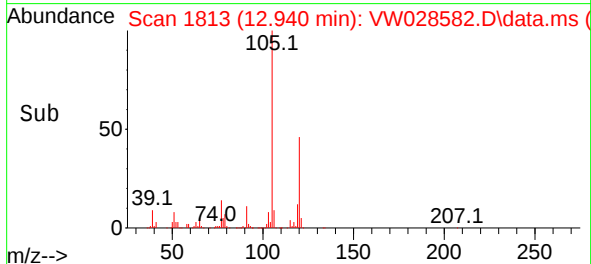
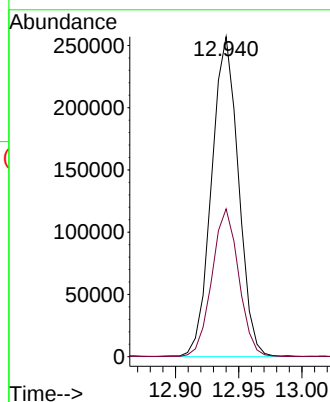
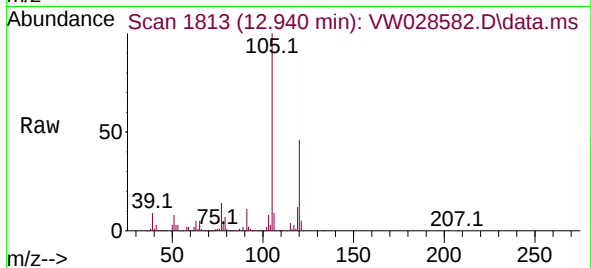
ClientSampleId :

Tgt Ion:105 Resp: 379335

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.251 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028582.D

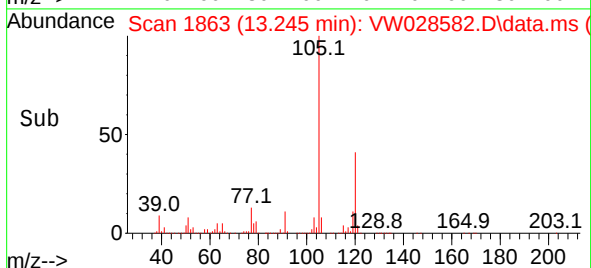
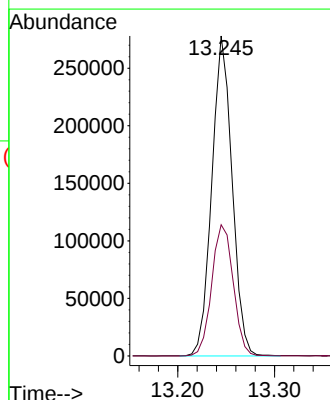
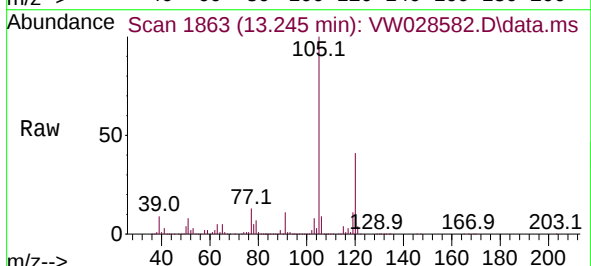
Acq: 03 May 2024 09:51

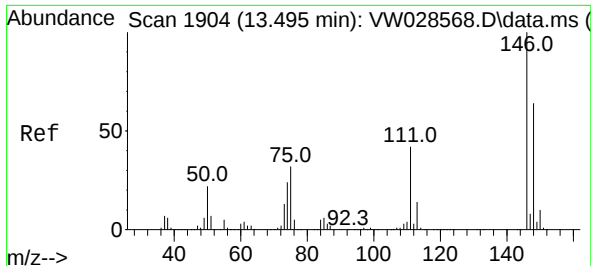
Tgt Ion:105 Resp: 405325

Ion Ratio Lower Upper

105 100

120 43.4 34.1 51.1

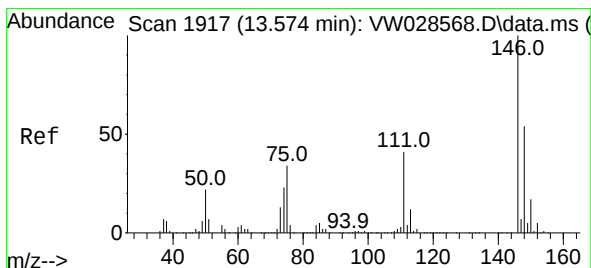
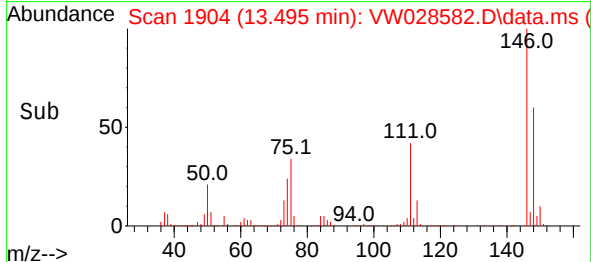
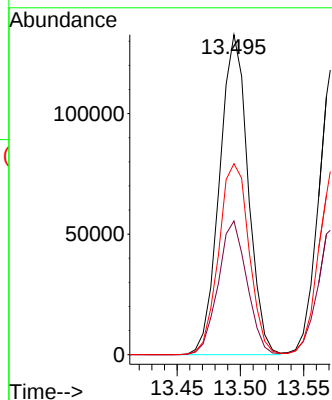
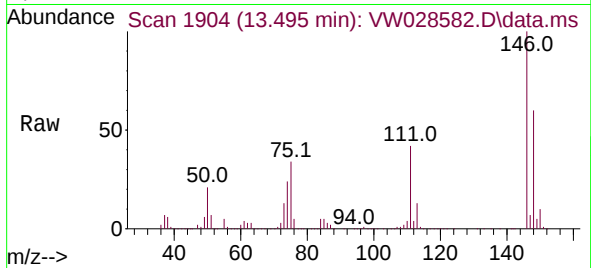




#64
1,3-Dichlorobenzene
Concen: 23.772 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

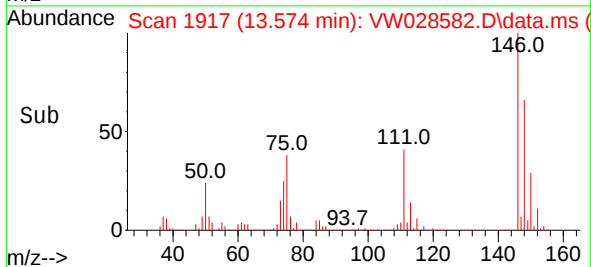
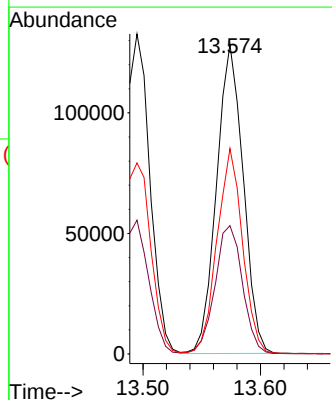
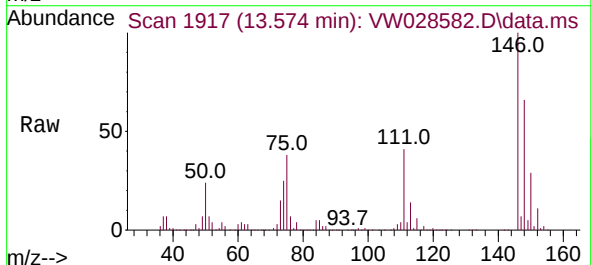
Instrument :
MSVOA_W
ClientSampleId :

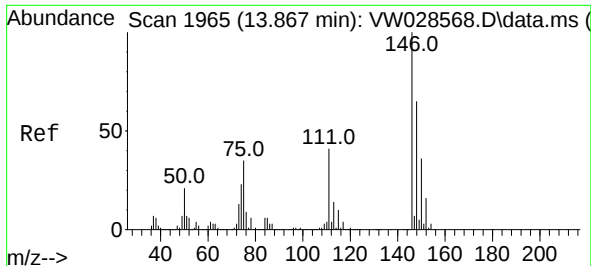
Tgt Ion:146 Resp: 208227
Ion Ratio Lower Upper
146 100
111 41.8 30.7 57.1
148 59.7 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 22.577 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

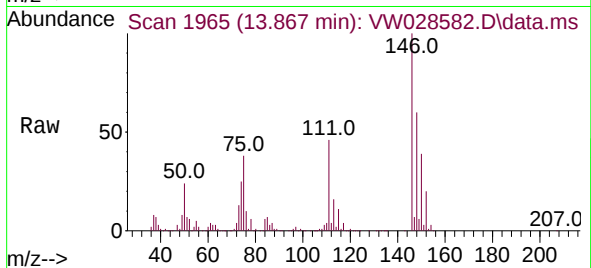
Tgt Ion:146 Resp: 202185
Ion Ratio Lower Upper
146 100
111 41.4 29.1 54.1
148 66.4 41.2 76.6



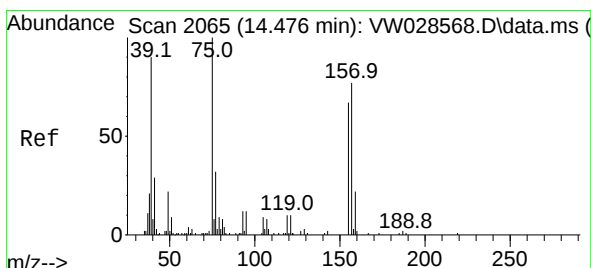
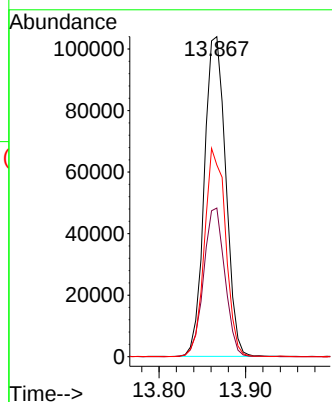
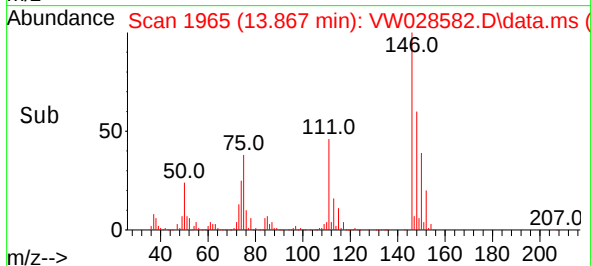


#67
1,2-Dichlorobenzene
Concen: 22.764 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51

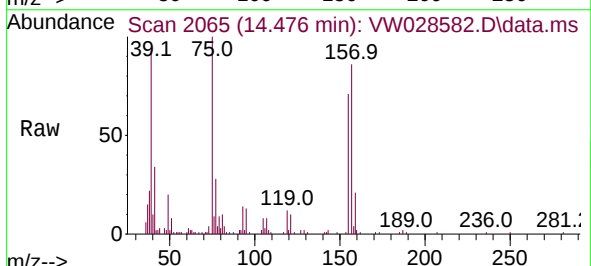
Instrument :
MSVOA_W
ClientSampleId :



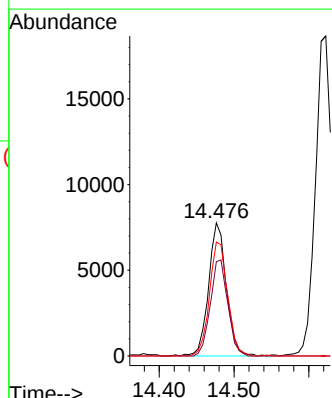
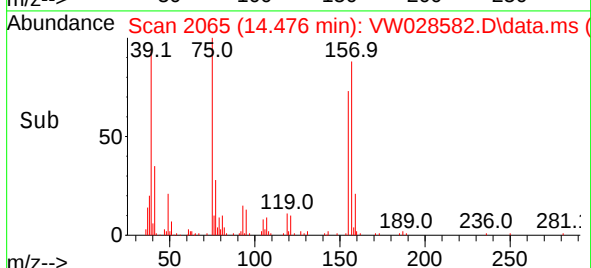
Tgt Ion:146 Resp: 178469
Ion Ratio Lower Upper
146 100
111 46.4 34.7 52.1
148 59.9 51.8 77.8

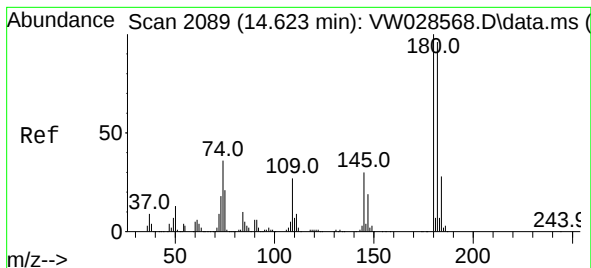


#68
1,2-Dibromo-3-chloropropane
Concen: 16.308 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028582.D
Acq: 03 May 2024 09:51



Tgt Ion: 75 Resp: 12789
Ion Ratio Lower Upper
75 100
155 70.8 55.1 82.7
157 85.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 23.825 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

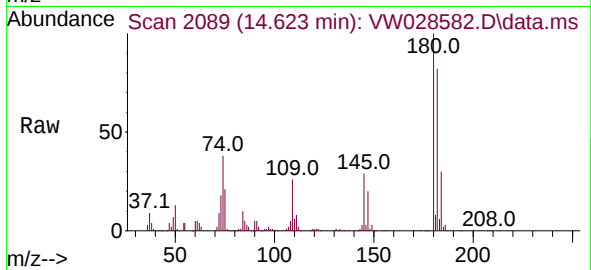
Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 140040

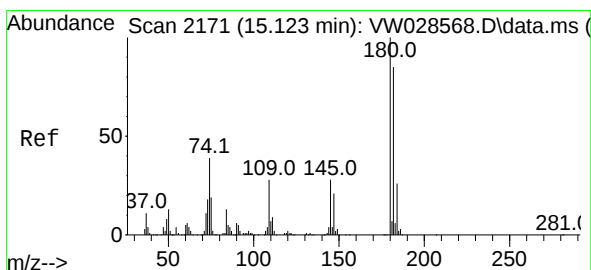
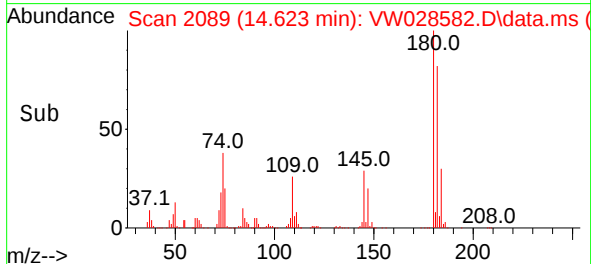
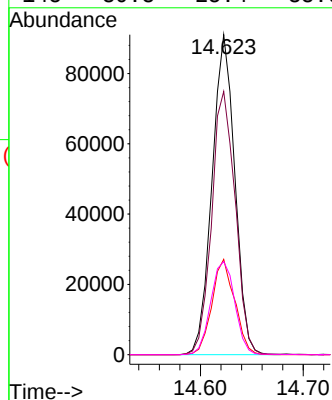
Ion Ratio Lower Upper

180 100

182 85.0 75.4 113.2

184 29.9 24.0 36.0

145 30.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 22.732 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

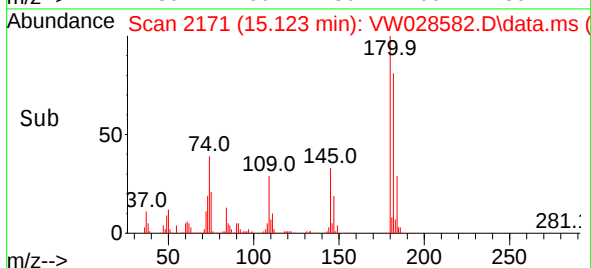
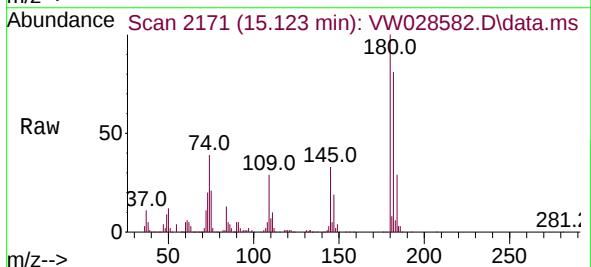
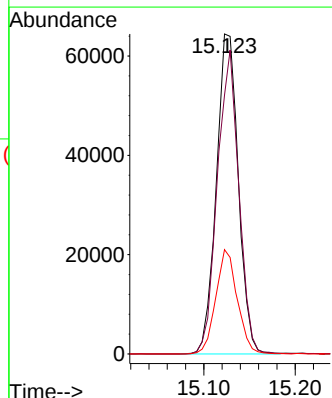
Tgt Ion:180 Resp: 107962

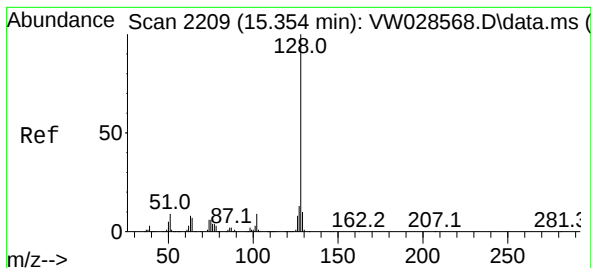
Ion Ratio Lower Upper

180 100

182 92.6 77.2 115.8

145 31.8 26.6 39.8





#71

Naphthalene

Concen: 19.665 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

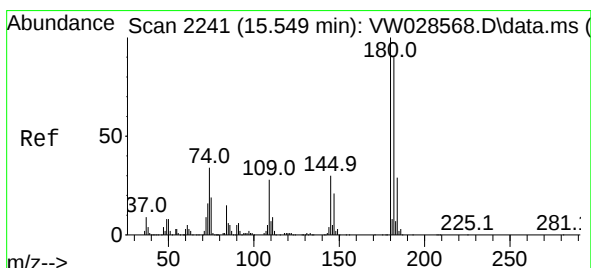
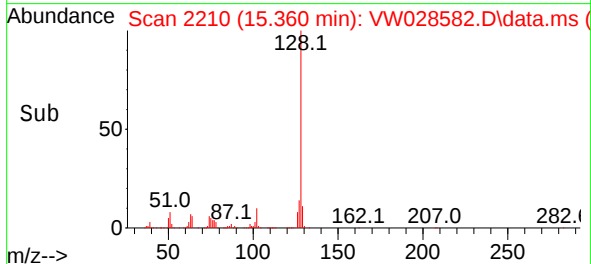
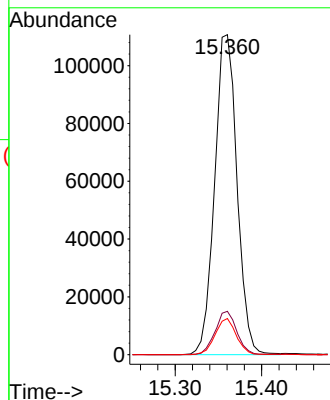
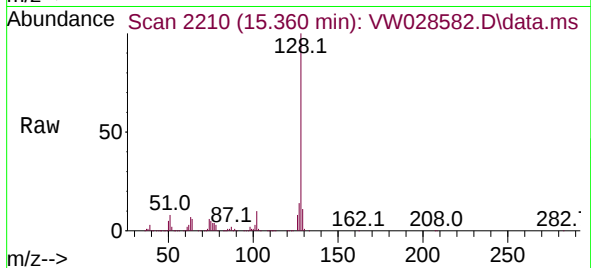
Tgt Ion:128 Resp: 198984

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 21.755 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028582.D

Acq: 03 May 2024 09:51

Tgt Ion:180 Resp: 93230

Ion Ratio Lower Upper

180 100

182 93.2 76.1 114.1

145 34.0 28.3 42.5

