

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028568.D
 Acq On : 02 May 2024 13:22
 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 03:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260608	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241065	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119844	24.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
7) Chloroethane-d5	2.899	69	90505	23.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	4.027	65	49891	24.130	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	7.075	46	61502	47.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.654	84	196718	24.157	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.307	65	111212	23.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	382989	23.812	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.276	67	113630	23.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.325	98	342200	24.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.575	79	47725	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.922	63	42955	51.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95312	23.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	105841	24.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	86790	22.917	ug/L	98
3) Chloromethane	2.223	50	109723	23.386	ug/L	100
5) Vinyl chloride	2.375	62	123015	23.289	ug/L	99
6) Bromomethane	2.796	94	69006	22.583	ug/L	96
8) Chloroethane	2.942	64	71249	23.652	ug/L	97
9) Trichlorofluoromethane	3.271	101	100995	23.289	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	83191	20.807	ug/L	93
12) 1,1-Dichloroethene	4.045	96	82783	23.081	ug/L	97
13) Acetone	4.125	43	65642	55.887	ug/L	98
14) Carbon disulfide	4.393	76	278932	23.011	ug/L	98
15) Methyl Acetate	4.673	43	48989	23.974	ug/L	100
16) Methylene chloride	4.923	84	86062	21.353	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	86847	23.258	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	130228	23.633	ug/L	100
19) 1,1-Dichloroethane	6.222	63	167938	22.680	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89904	23.005	ug/L	99
22) 2-Butanone	7.167	43	74020	49.099	ug/L	100
23) Bromochloromethane	7.520	128	38721	22.715	ug/L	97
25) Chloroform	7.679	83	163918	22.887	ug/L	96

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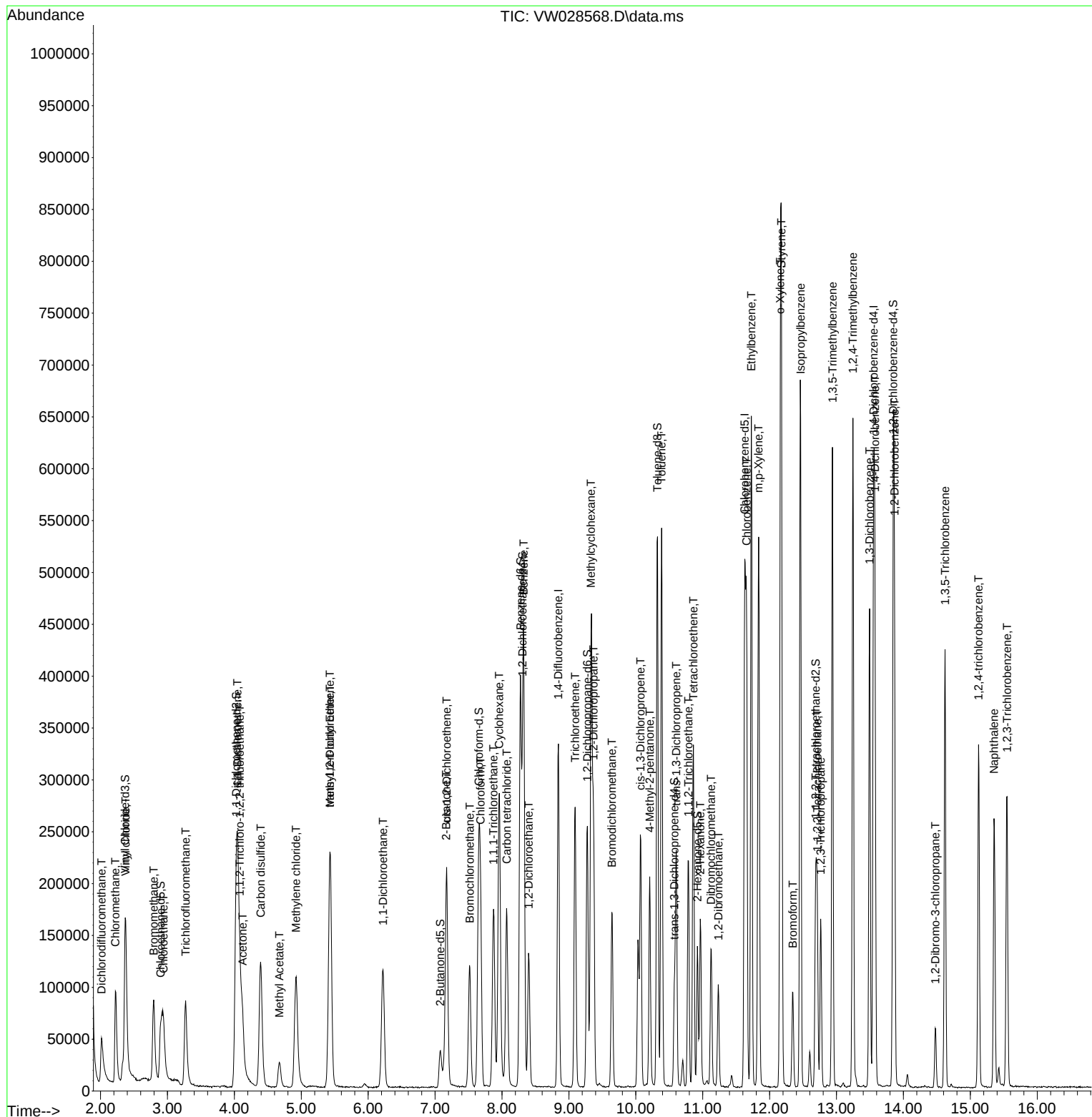
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	119289	22.913	ug/L	98
29) Cyclohexane	7.959	56	161713	23.528	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	139603	23.110	ug/L	98
31) Carbon tetrachloride	8.069	117	126635	22.992	ug/L	98
33) Benzene	8.325	78	358021	22.903	ug/L	100
34) Trichloroethene	9.093	95	94664	22.587	ug/L	97
35) Methylcyclohexane	9.331	83	172153	23.504	ug/L	99
37) 1,2-Dichloropropane	9.368	63	92288	22.657	ug/L	100
38) Bromodichloromethane	9.642	83	113389	22.836	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	135753	23.252	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	133789	48.259	ug/L	100
42) Toluene	10.386	91	378089	23.418	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	117915	23.954	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	66380	22.496	ug/L	96
46) Tetrachloroethene	10.861	164	69525	23.024	ug/L	97
48) 2-Hexanone	10.965	43	105868	54.091	ug/L	98
49) Dibromochloromethane	11.123	129	67694	22.872	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64443	23.314	ug/L	98
51) Chlorobenzene	11.654	112	221830	22.212	ug/L	95
52) Ethylbenzene	11.727	91	435202	23.819	ug/L	95
53) m,p-Xylene	11.837	106	160362	23.943	ug/L	97
54) o-Xylene	12.160	106	145805	23.532	ug/L	94
55) Styrene	12.178	104	255388	24.325	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	86491	23.363	ug/L	95
59) Bromoform	12.349	173	41146	25.077	ug/L	94
60) Isopropylbenzene	12.465	105	417742	24.483	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64368	23.683	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	308415	25.548	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	328411	25.248	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	171953	24.226	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	173241	23.873	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	157340	24.766	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14723	23.168	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	116824	24.527	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	95966	24.936	ug/L	95
71) Naphthalene	15.354	128	210704	25.697	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87853	25.298	ug/L	97

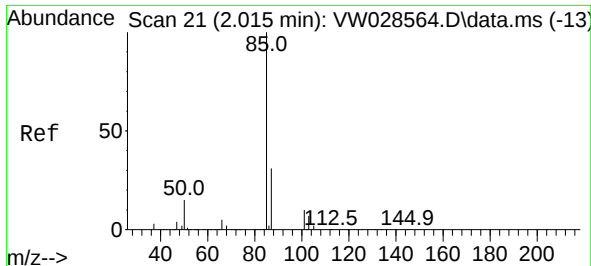
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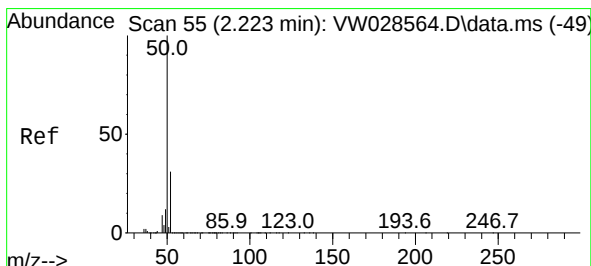
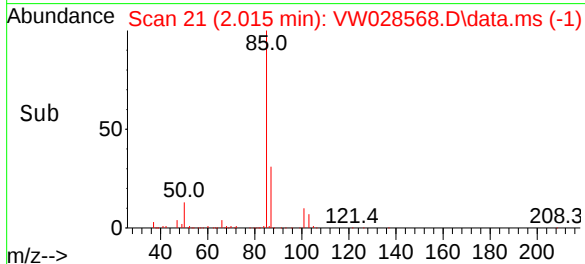
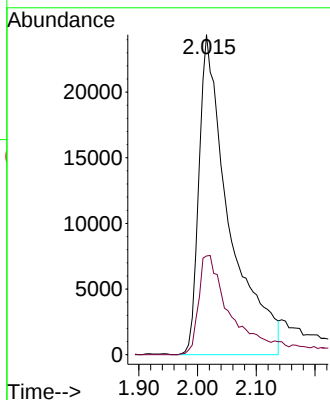
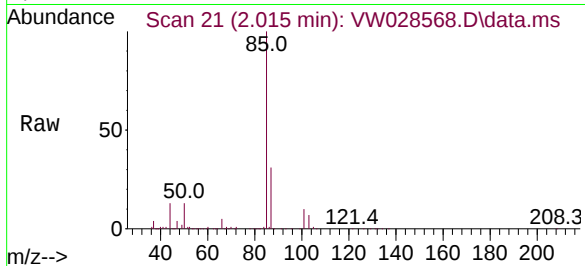




#2
Dichlorodifluoromethane
Concen: 22.917 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

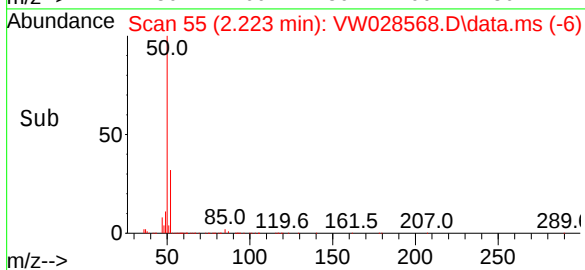
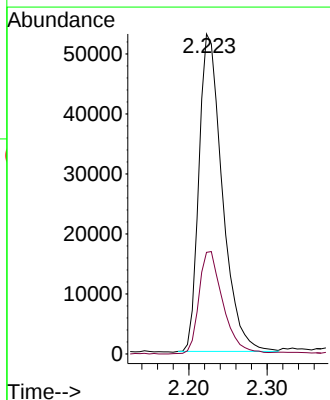
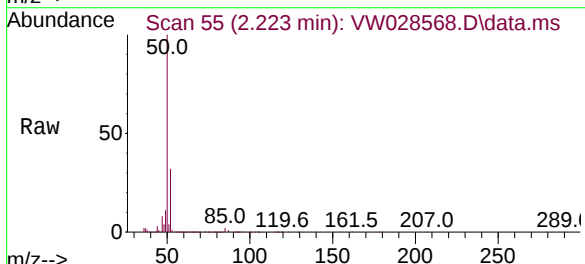
Instrument :
MSVOA_W
ClientSampleId :

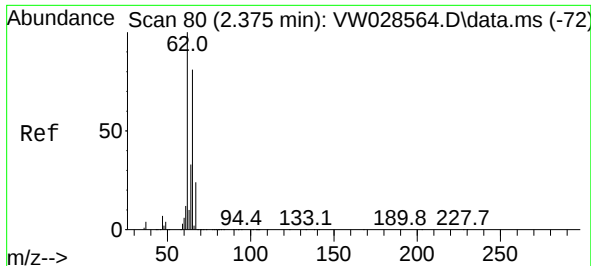
Tgt Ion: 85 Resp: 86790
Ion Ratio Lower Upper
85 100
87 28.7 21.9 32.9



#3
Chloromethane
Concen: 23.386 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 50 Resp: 109723
Ion Ratio Lower Upper
50 100
52 31.7 22.0 41.0

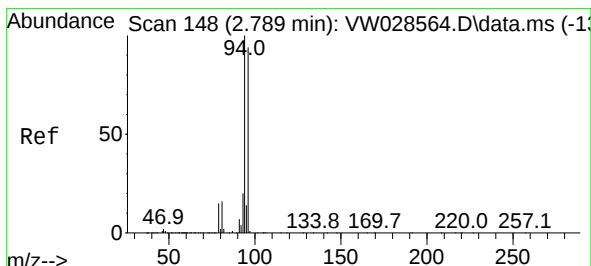
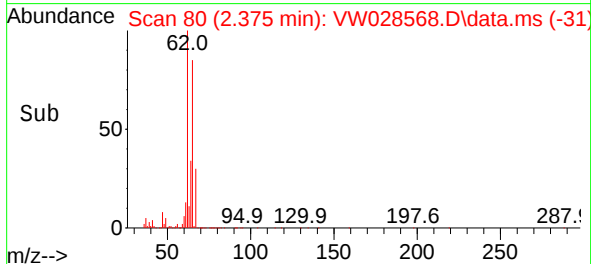
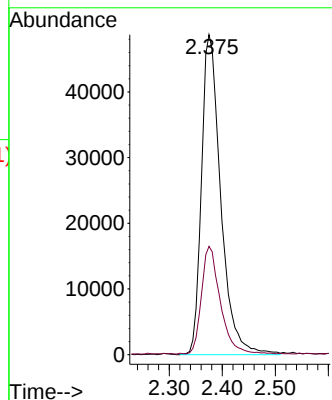
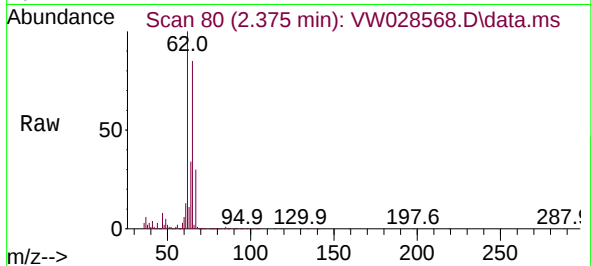




#5
 Vinyl chloride
 Concen: 23.289 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028568.D
 Acq: 02 May 2024 13:22

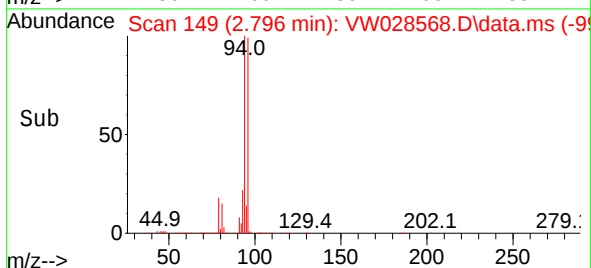
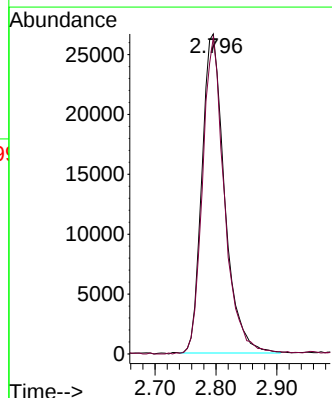
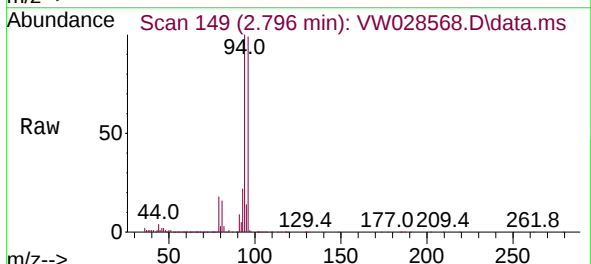
Instrument :
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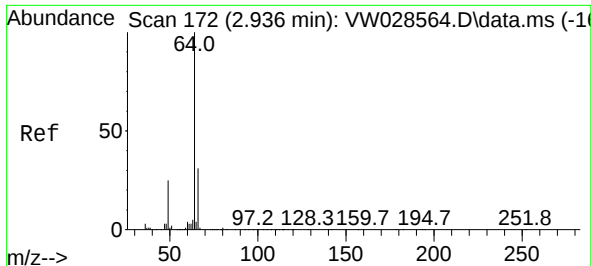
Tgt Ion: 62 Resp: 123015
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.3 43.3



#6
 Bromomethane
 Concen: 22.583 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028568.D
 Acq: 02 May 2024 13:22

Tgt Ion: 94 Resp: 69006
 Ion Ratio Lower Upper
 94 100
 96 99.0 66.3 123.1

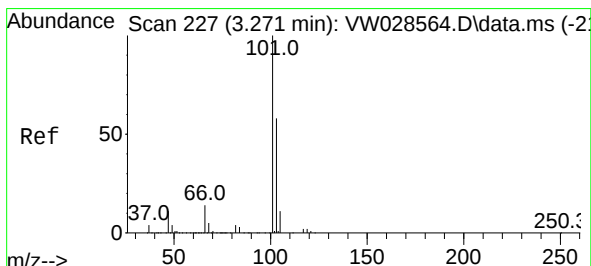
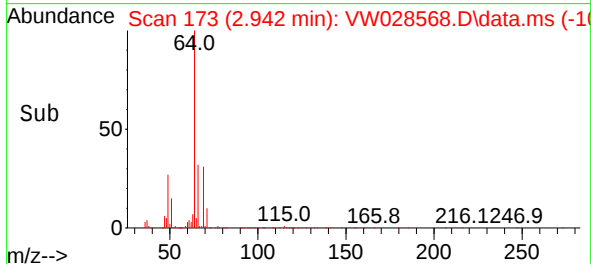
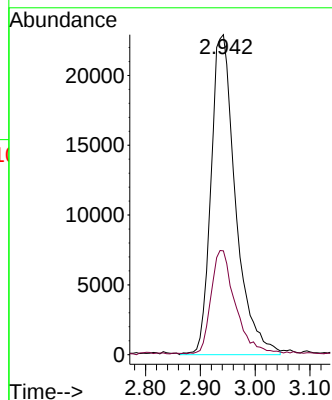
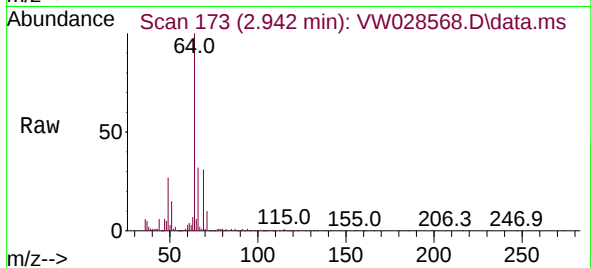




#8
Chloroethane
Concen: 23.652 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

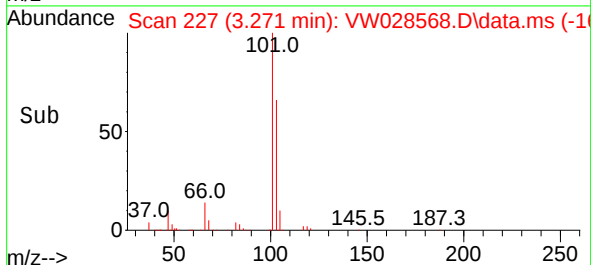
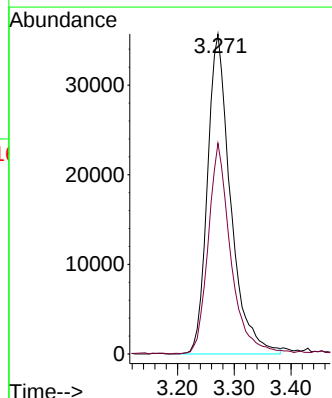
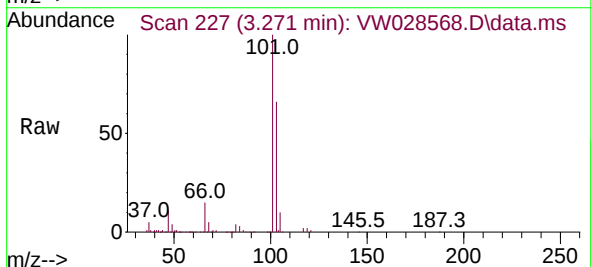
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MSVOA_W
ClientSampleId :

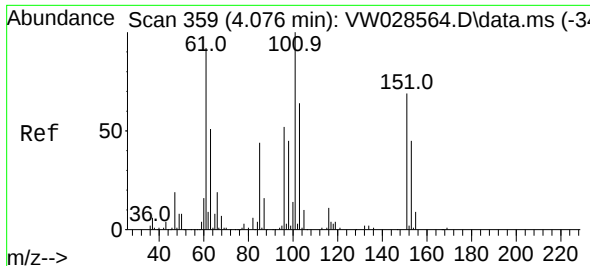
Tgt Ion: 64 Resp: 71249
Ion Ratio Lower Upper
64 100
66 32.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.289 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 101 Resp: 100995
Ion Ratio Lower Upper
101 100
103 63.8 50.4 75.6

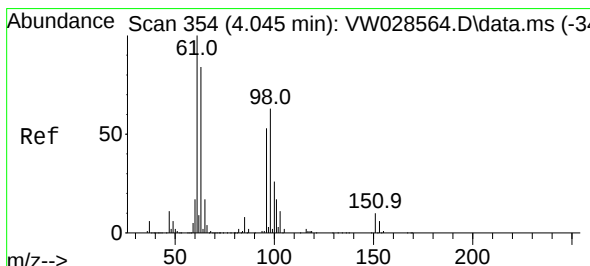
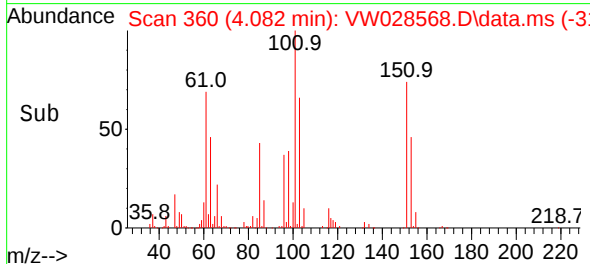
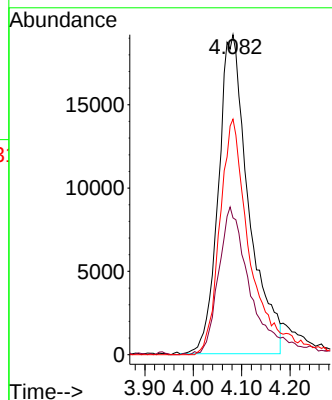
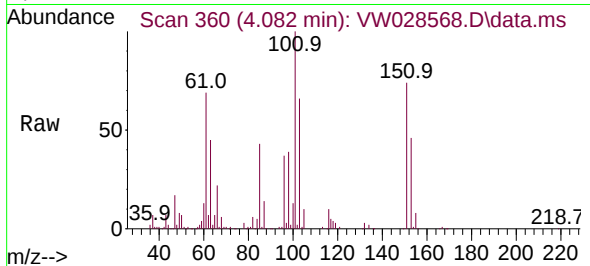




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.807 ug/L
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

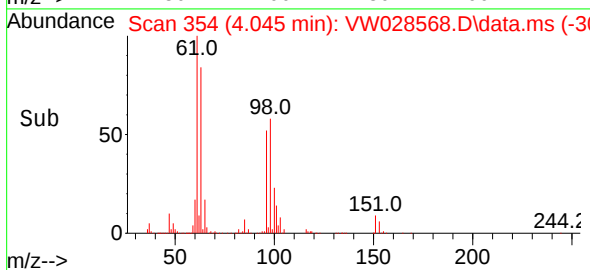
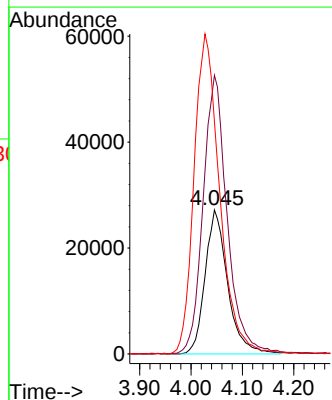
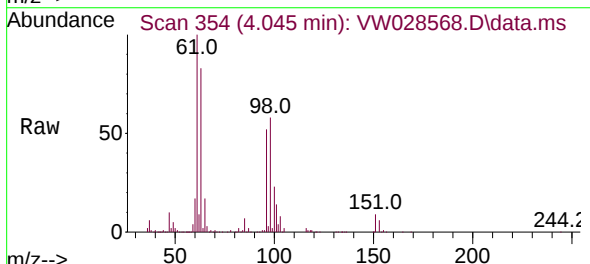
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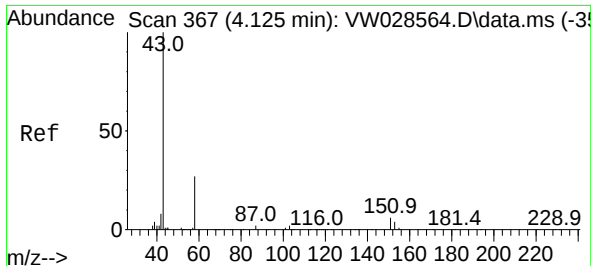
Tgt Ion:101 Resp: 83191
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.8
151 70.7 49.6 74.4



#12
1,1-Dichloroethene
Concen: 23.081 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

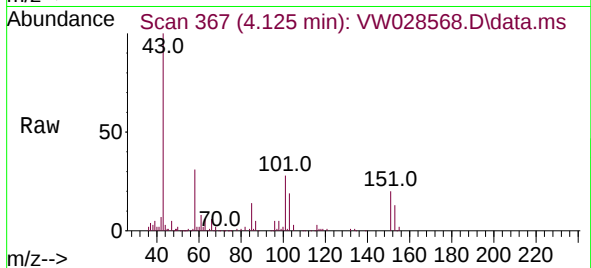
Tgt Ion: 96 Resp: 82783
Ion Ratio Lower Upper
96 100
61 193.6 131.6 244.4
63 161.5 111.4 206.8



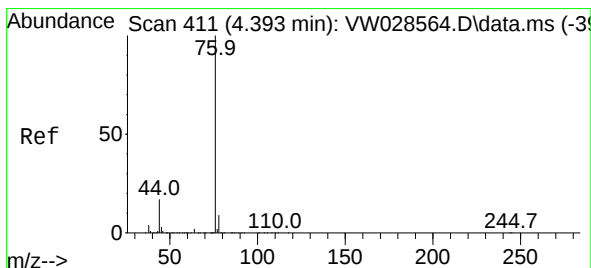
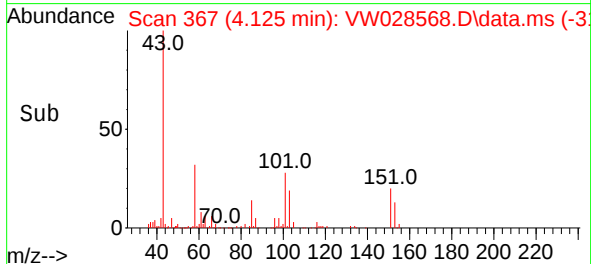
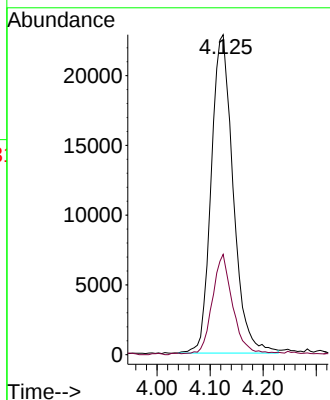


#13
Acetone
Concen: 55.887 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
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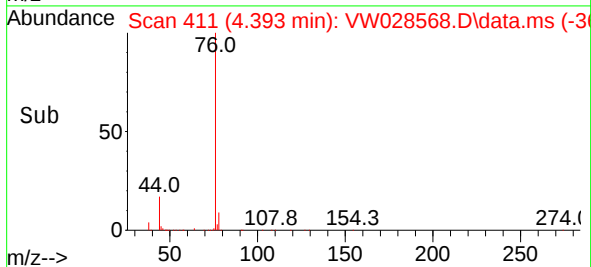
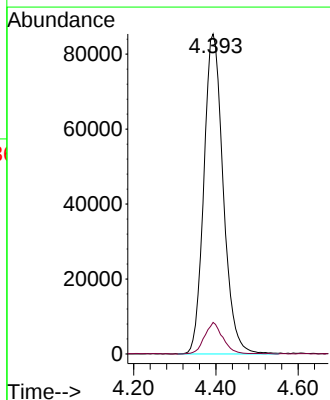
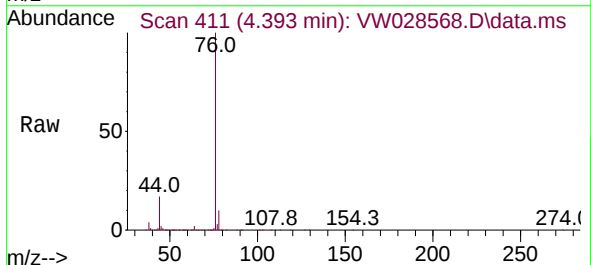


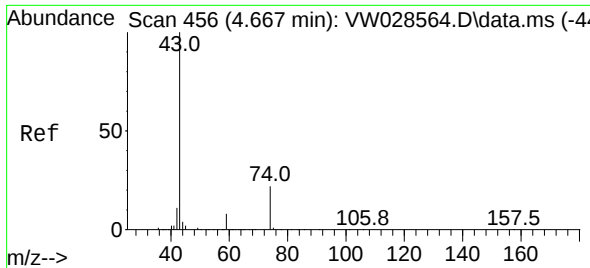
Tgt Ion: 43 Resp: 65642
Ion Ratio Lower Upper
43 100
58 28.4 0.0 54.4



#14
Carbon disulfide
Concen: 23.011 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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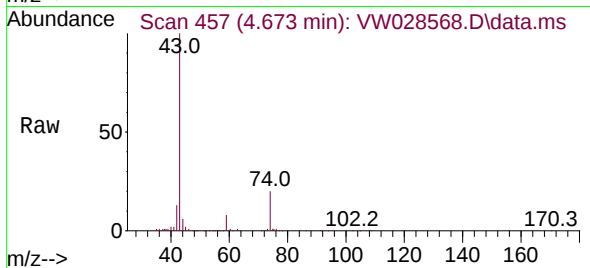
Tgt Ion: 76 Resp: 278932
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



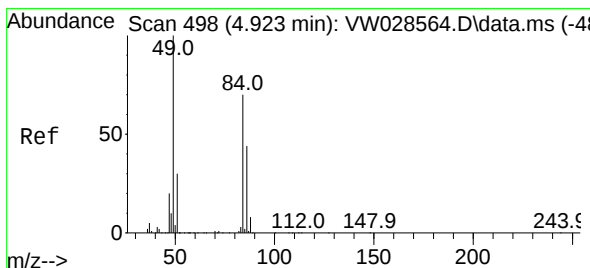
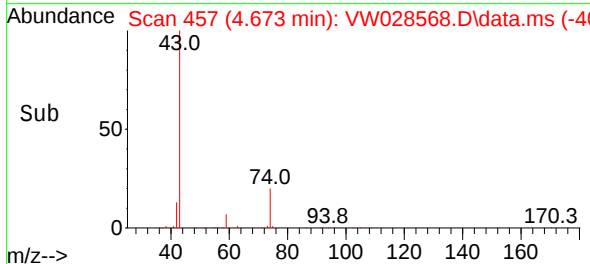
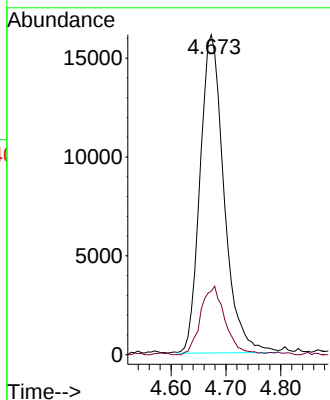


#15
Methyl Acetate
Concen: 23.974 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Instrument :
MSVOA_W
ClientSampleId :

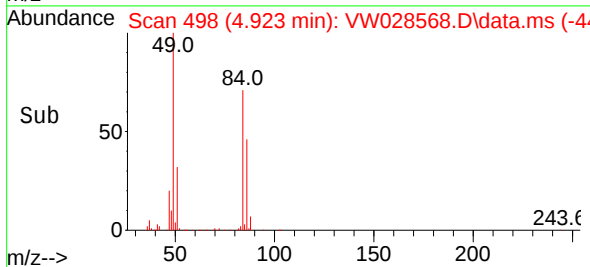
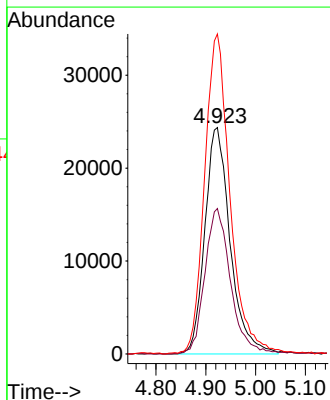
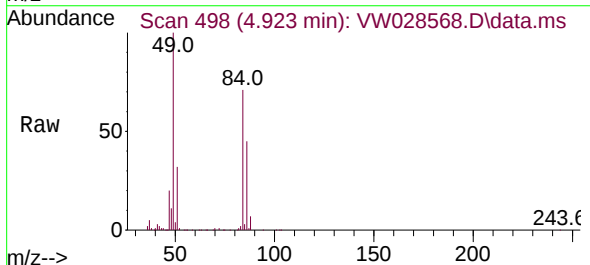


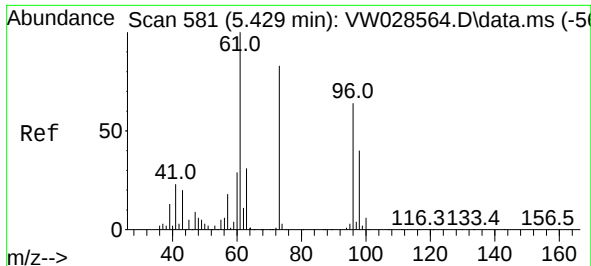
Tgt Ion: 43 Resp: 48989
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4



#16
Methylene chloride
Concen: 21.353 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 84 Resp: 86062
Ion Ratio Lower Upper
84 100
86 64.3 44.4 82.4
49 141.4 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 23.258 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

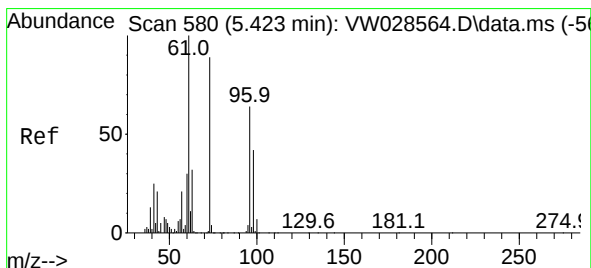
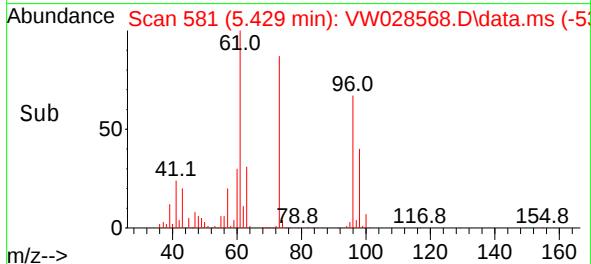
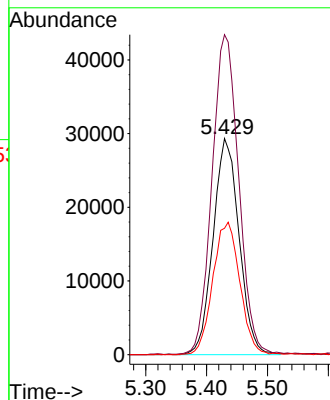
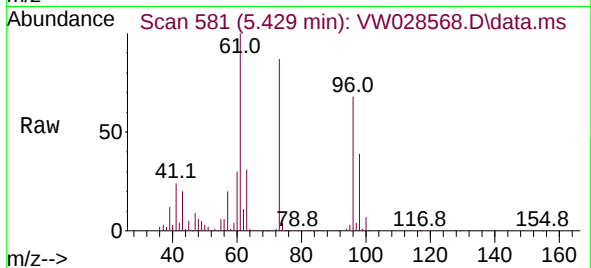
Tgt Ion: 96 Resp: 86847

Ion Ratio Lower Upper

96 100

61 148.1 109.0 202.4

98 58.5 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 23.633 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

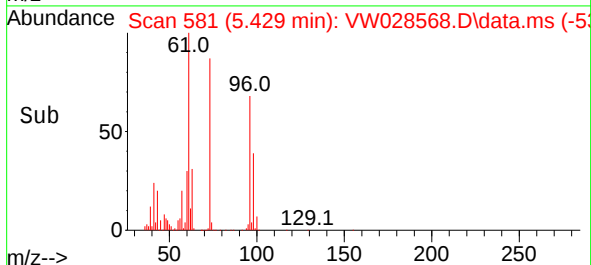
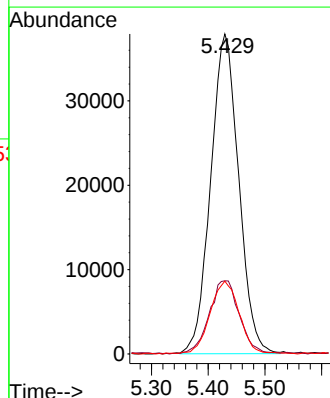
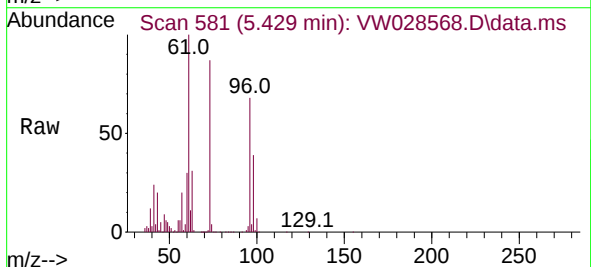
Tgt Ion: 73 Resp: 130228

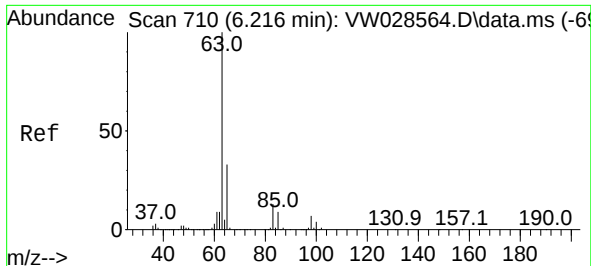
Ion Ratio Lower Upper

73 100

43 24.1 19.2 28.8

57 22.8 18.5 27.7





#19

1,1-Dichloroethane

Concen: 22.680 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

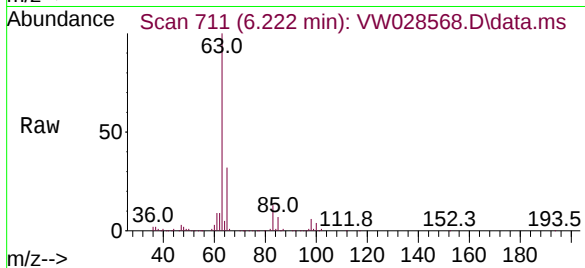
Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



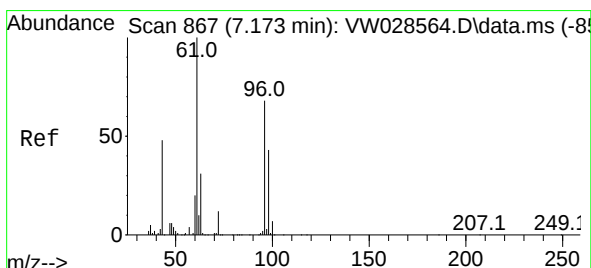
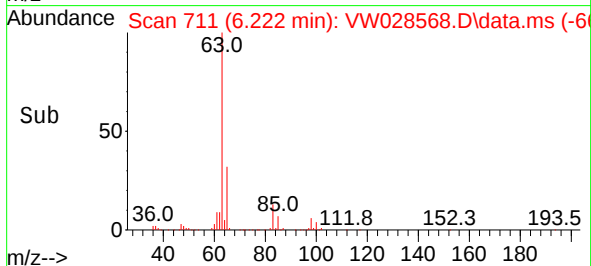
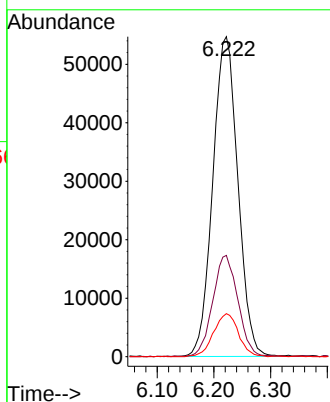
Tgt Ion: 63 Resp: 167938

Ion Ratio Lower Upper

63 100

65 31.6 22.9 42.5

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.005 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

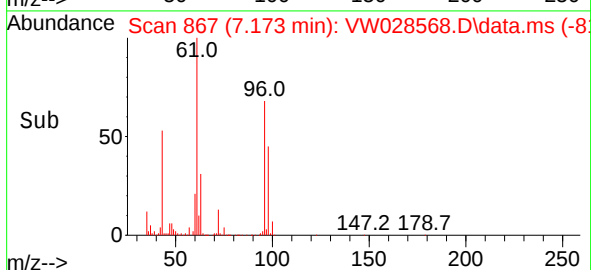
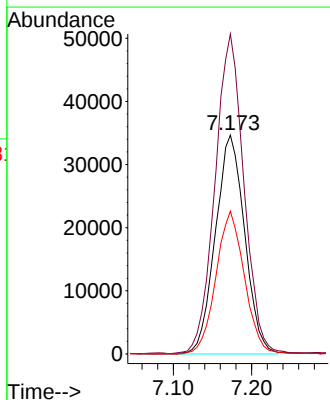
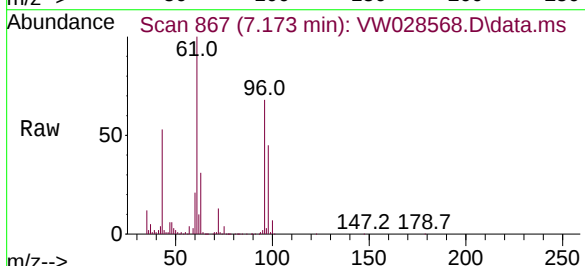
Tgt Ion: 96 Resp: 89904

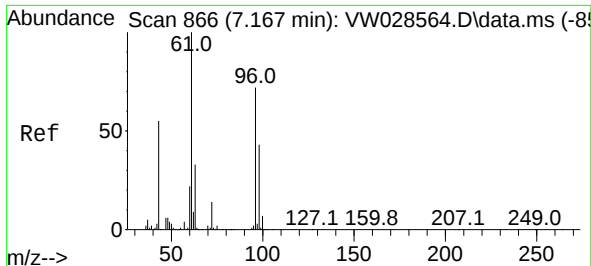
Ion Ratio Lower Upper

96 100

61 146.2 102.8 191.0

98 65.3 44.3 82.3

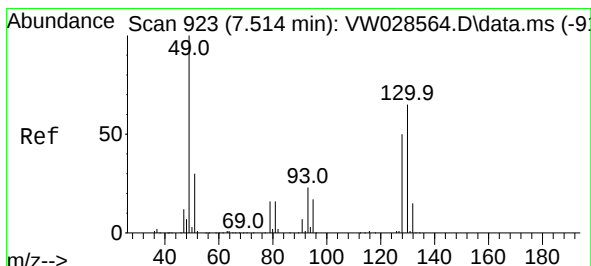
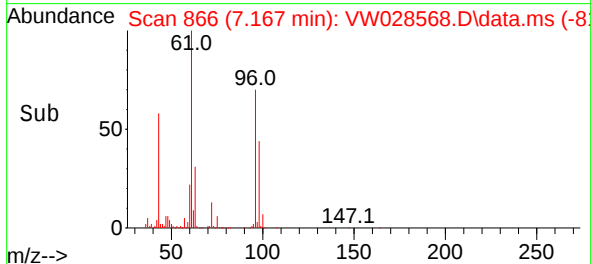
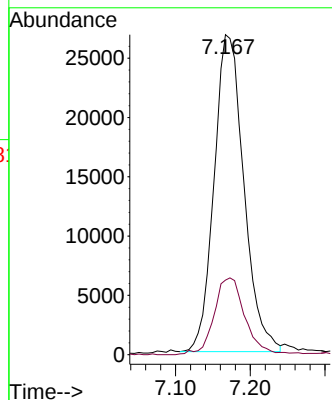
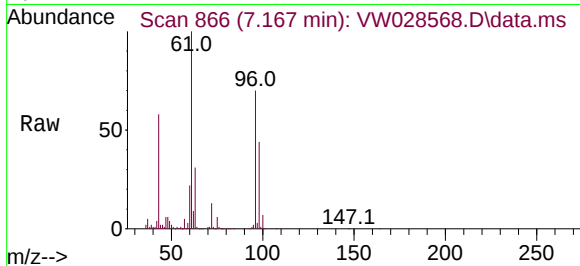




#22
2-Butanone
Concen: 49.099 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

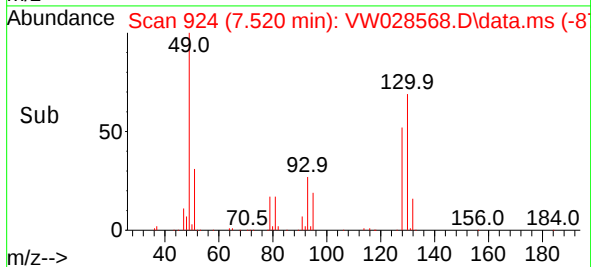
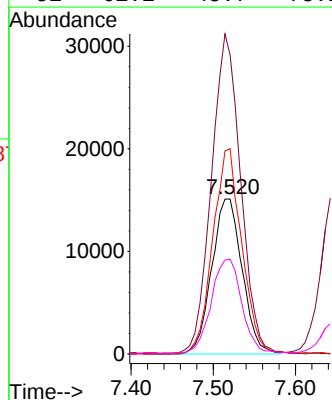
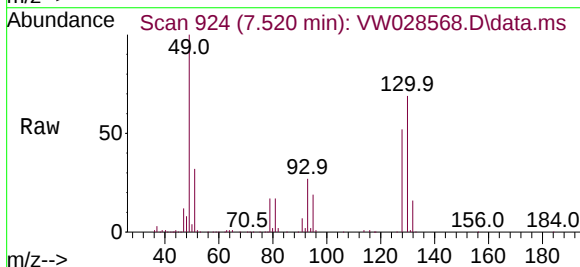
Instrument :
MSVOA_W
ClientSampleId :

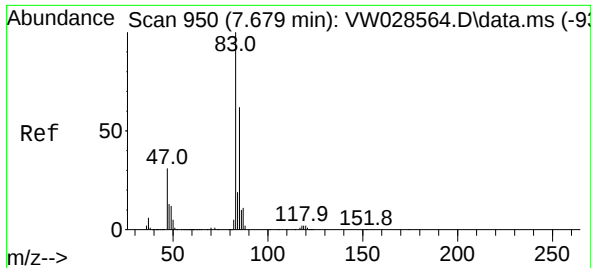
Tgt Ion: 43 Resp: 74020
Ion Ratio Lower Upper
43 100
72 24.3 12.2 36.6



#23
Bromochloromethane
Concen: 22.715 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 128 Resp: 38721
Ion Ratio Lower Upper
128 100
49 193.0 139.6 259.2
130 132.6 91.2 169.4
51 61.1 48.7 73.1





#25

Chloroform

Concen: 22.887 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

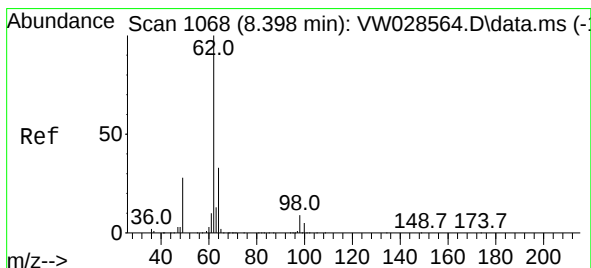
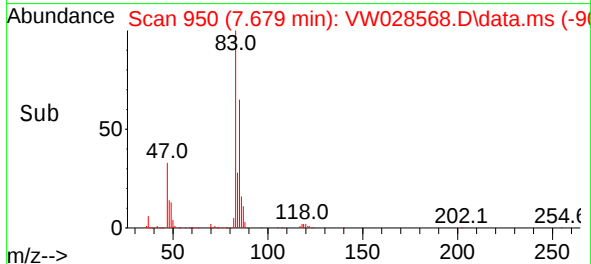
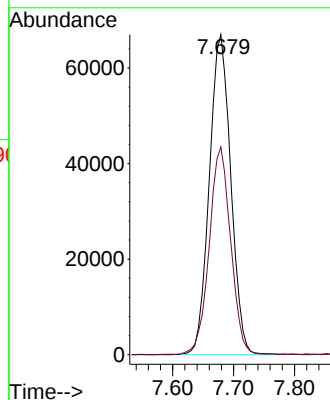
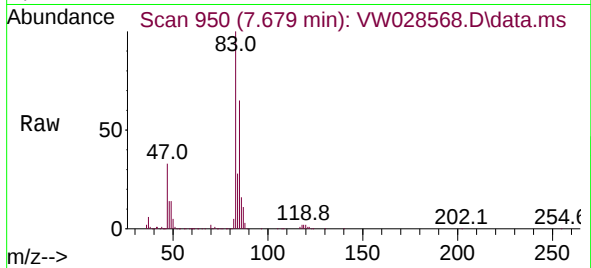
ClientSampleId :

Tgt Ion: 83 Resp: 163918

Ion Ratio Lower Upper

83 100

85 64.9 43.4 80.6



#27

1,2-Dichloroethane

Concen: 22.913 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028568.D

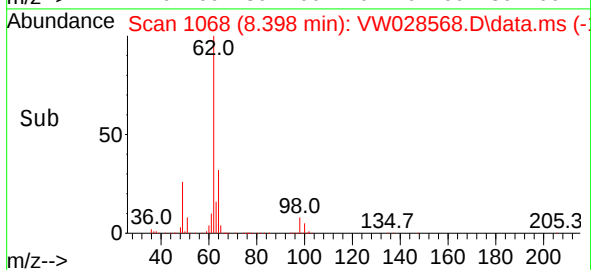
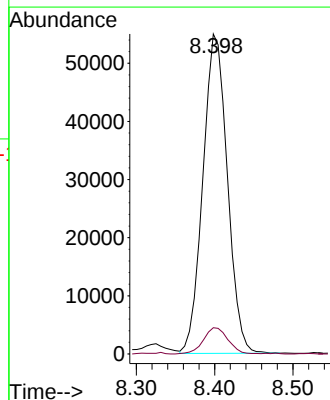
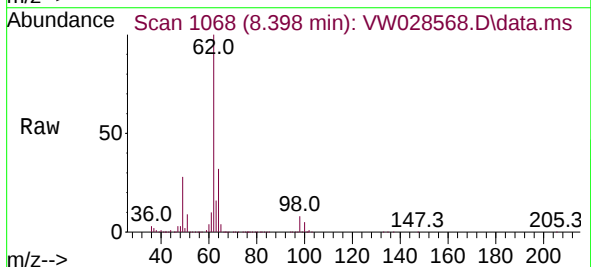
Acq: 02 May 2024 13:22

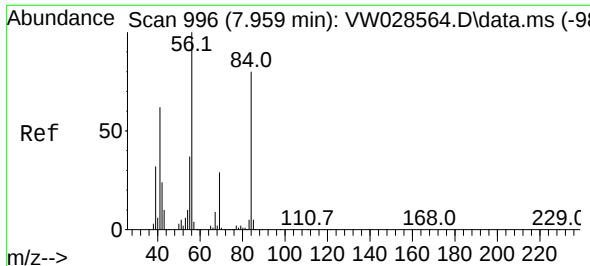
Tgt Ion: 62 Resp: 119289

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 23.528 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

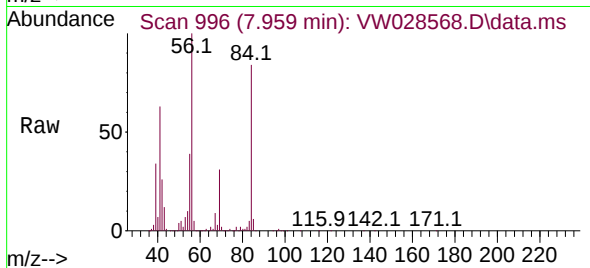
Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



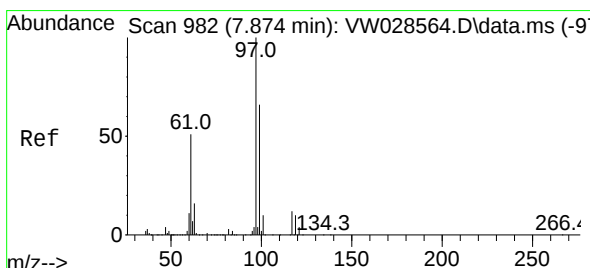
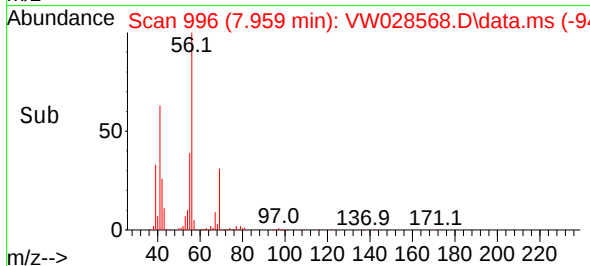
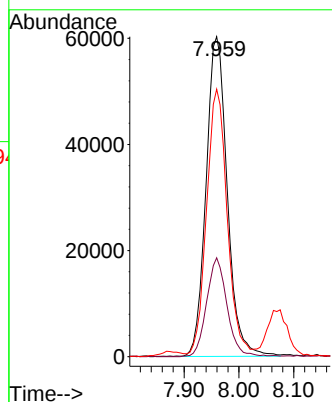
Tgt Ion: 56 Resp: 161713

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.0

84 81.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.110 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

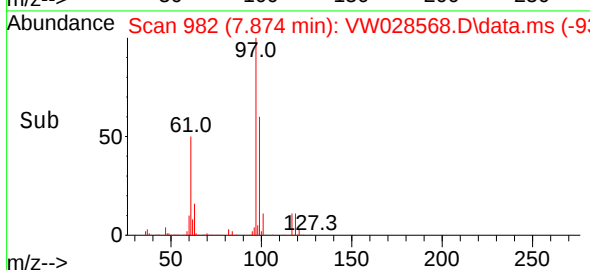
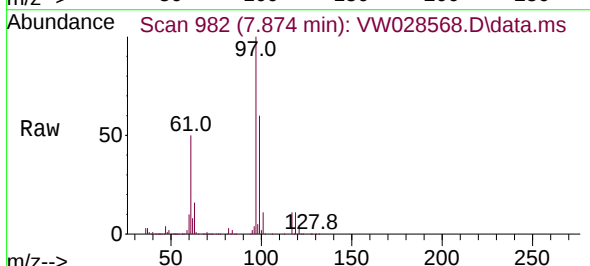
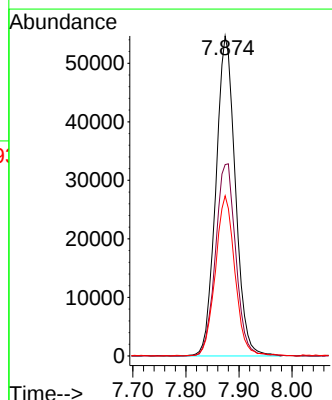
Tgt Ion: 97 Resp: 139603

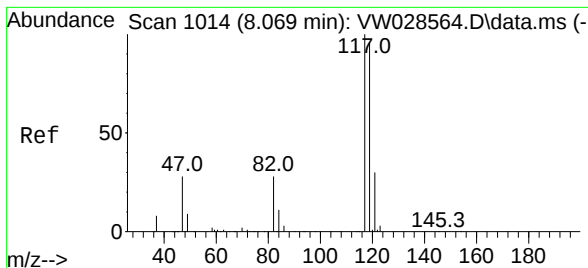
Ion Ratio Lower Upper

97 100

99 62.6 50.9 76.3

61 49.8 41.0 61.6





#31

Carbon tetrachloride

Concen: 22.992 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

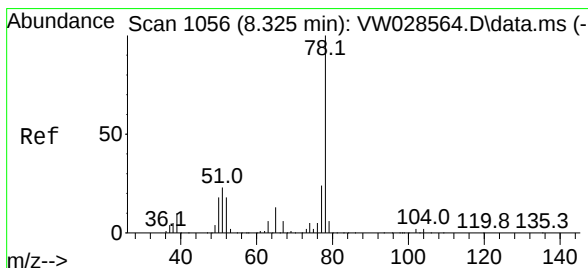
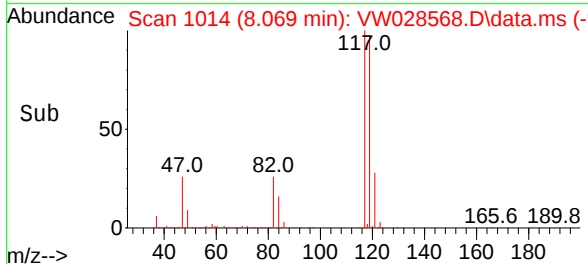
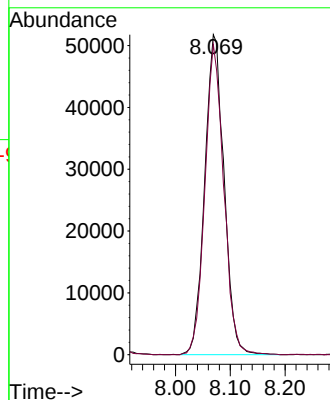
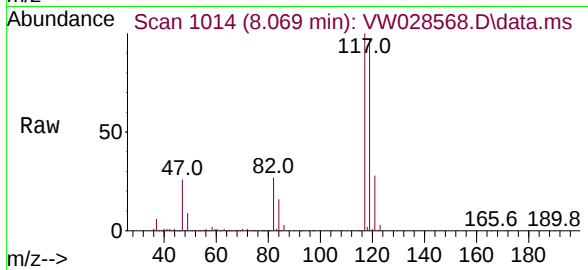
ClientSampleId :

Tgt Ion:117 Resp: 126635

Ion Ratio Lower Upper

117 100

119 94.8 77.2 115.8



#33

Benzene

Concen: 22.903 ug/L

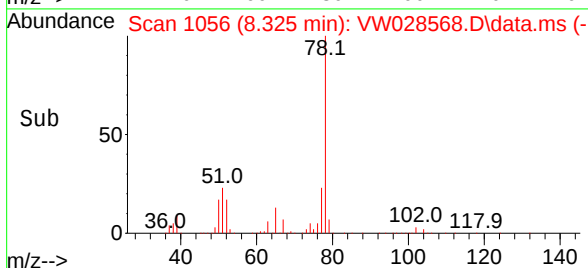
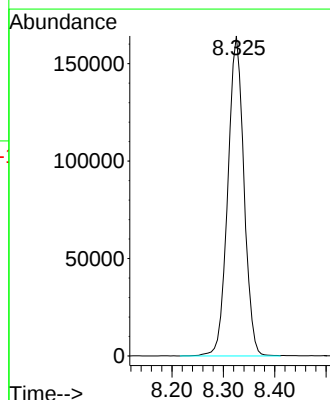
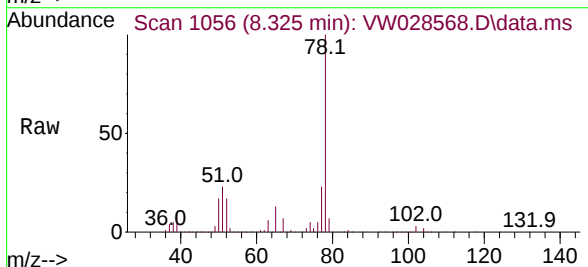
RT: 8.325 min Scan# 1056

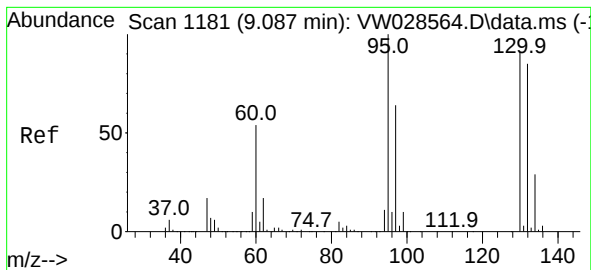
Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Tgt Ion: 78 Resp: 358021





#34

Trichloroethene

Concen: 22.587 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 94664

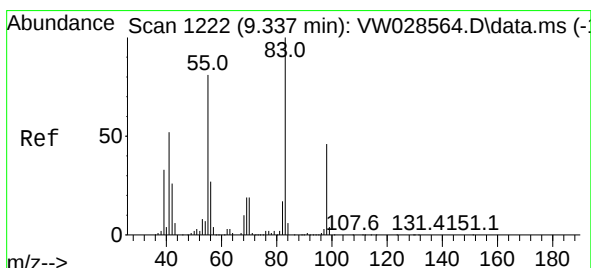
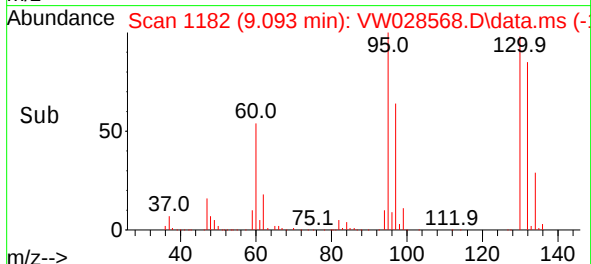
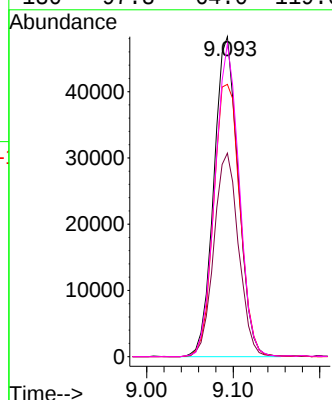
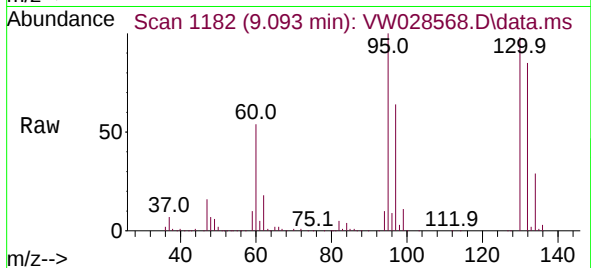
Ion Ratio Lower Upper

95 100

97 63.6 44.9 83.3

132 85.1 59.7 110.9

130 97.8 64.0 119.0



#35

Methylcyclohexane

Concen: 23.504 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

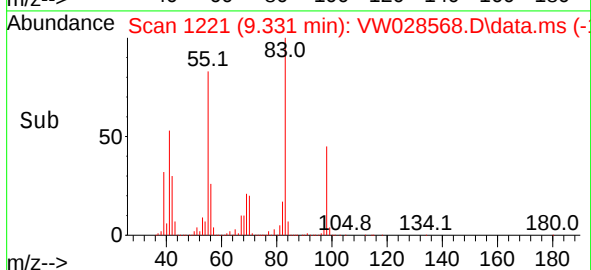
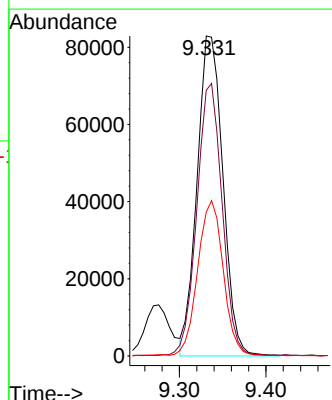
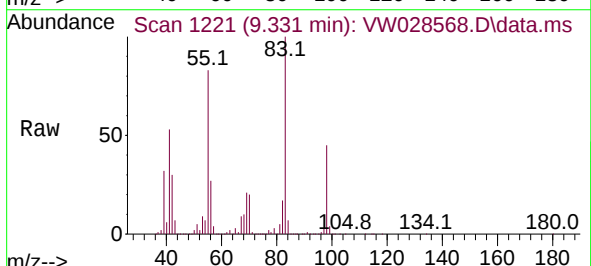
Tgt Ion: 83 Resp: 172153

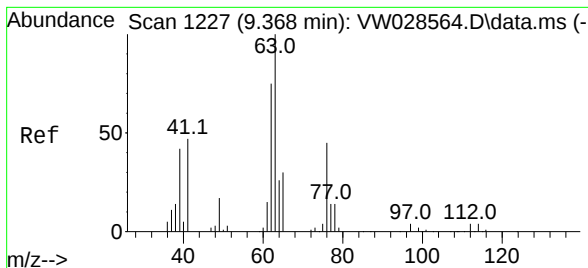
Ion Ratio Lower Upper

83 100

55 83.0 66.9 100.3

98 47.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 22.657 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

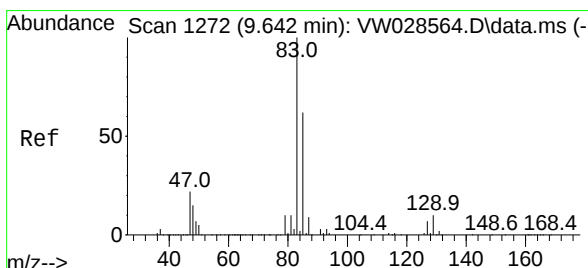
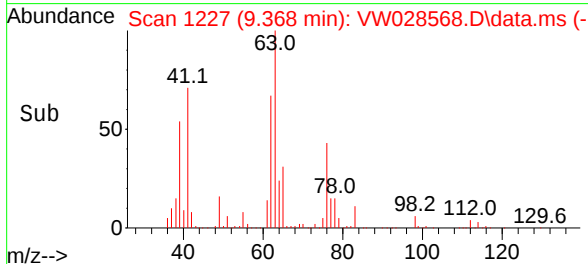
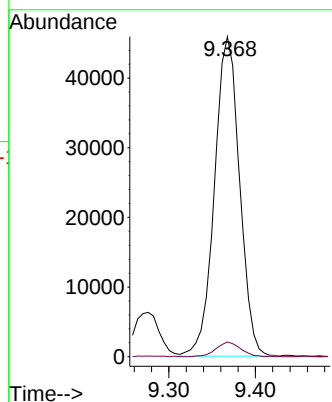
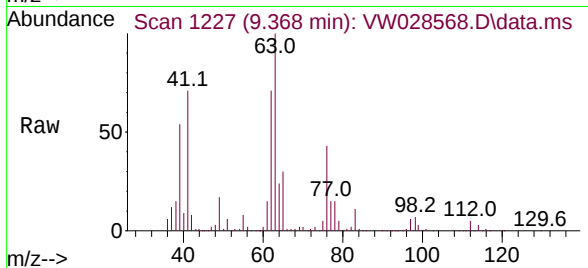
ClientSampleId :

Tgt Ion: 63 Resp: 92288

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 22.836 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

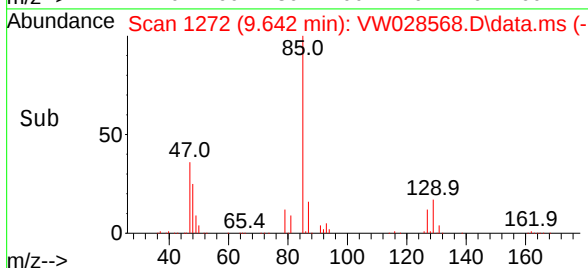
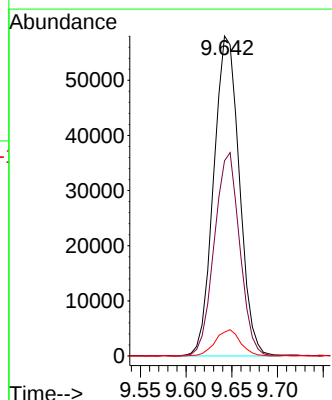
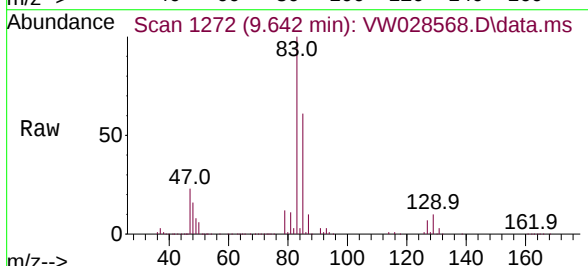
Tgt Ion: 83 Resp: 113389

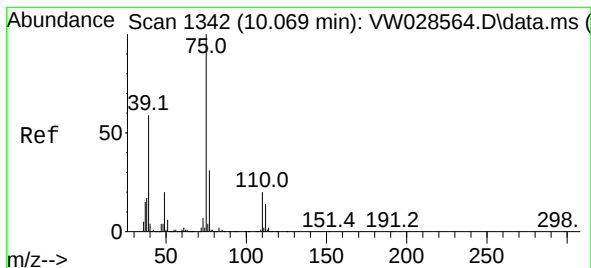
Ion Ratio Lower Upper

83 100

85 61.0 43.0 80.0

127 7.4 5.9 8.9

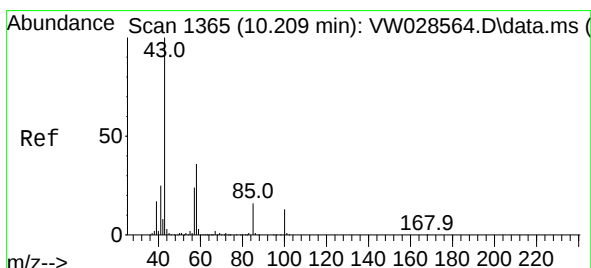
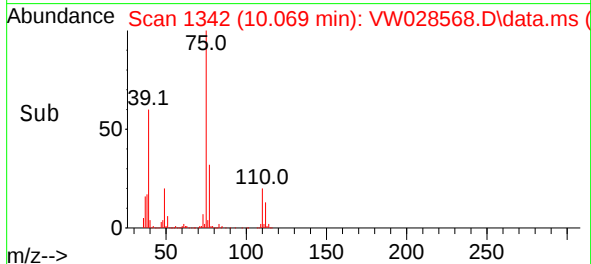
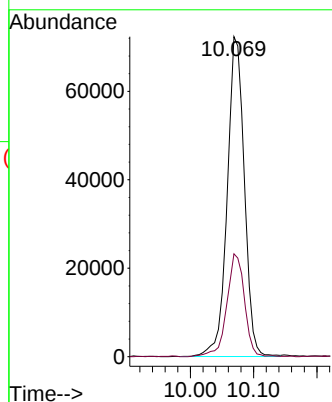
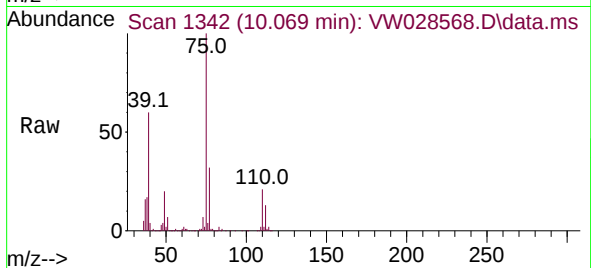




#39
 cis-1,3-Dichloropropene
 Concen: 23.252 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW028568.D
 Acq: 02 May 2024 13:22

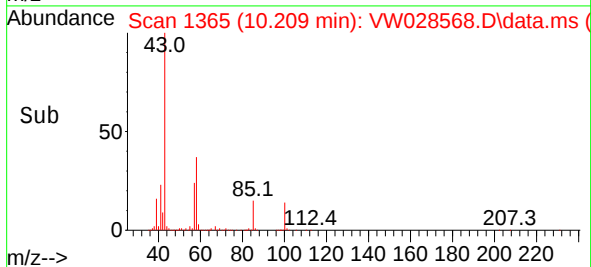
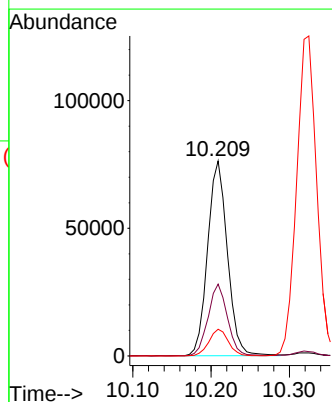
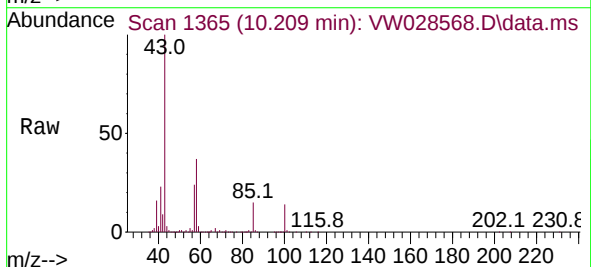
Instrument :
 MSVOA_W
 ClientSampleId :

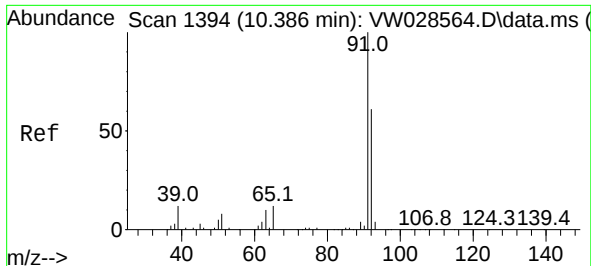
Tgt Ion: 75 Resp: 135753
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 48.259 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028568.D
 Acq: 02 May 2024 13:22

Tgt Ion: 43 Resp: 133789
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.2 43.8
 100 13.6 11.0 16.4

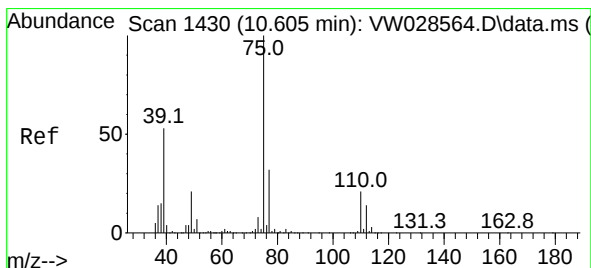
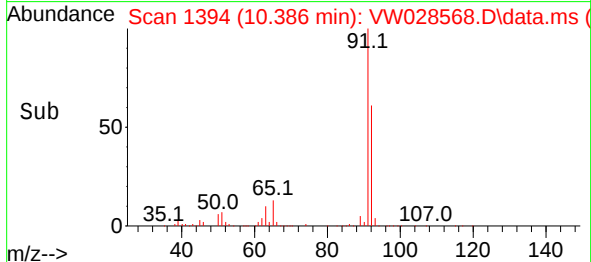
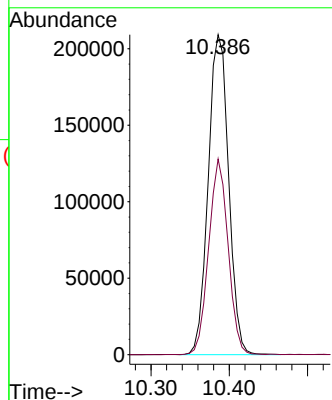
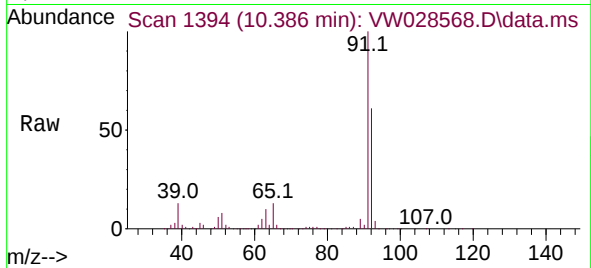




#42
Toluene
Concen: 23.418 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

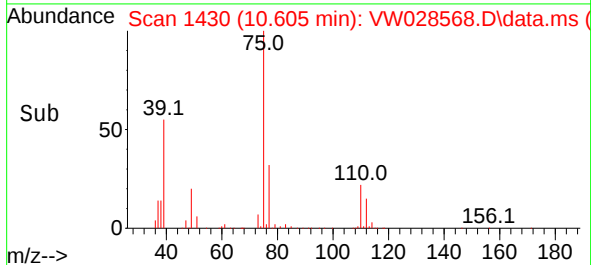
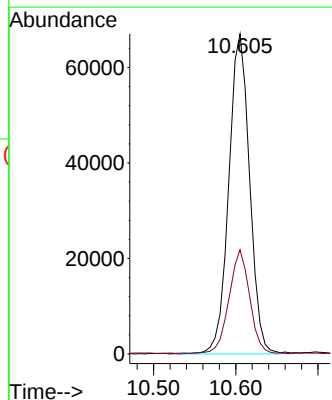
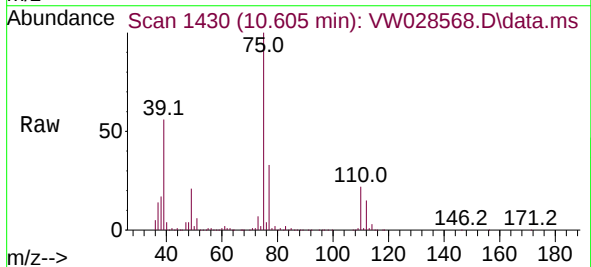
Instrument :
MSVOA_W
ClientSampleId :

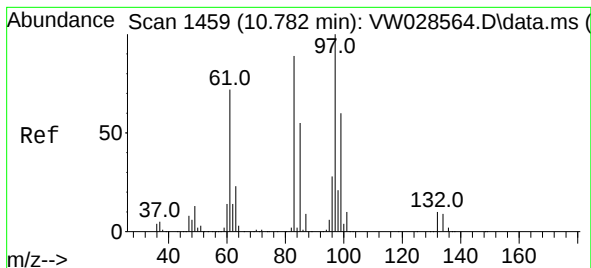
Tgt Ion: 91 Resp: 378089
Ion Ratio Lower Upper
91 100
92 61.2 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 23.954 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 75 Resp: 117915
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 22.496 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 66380

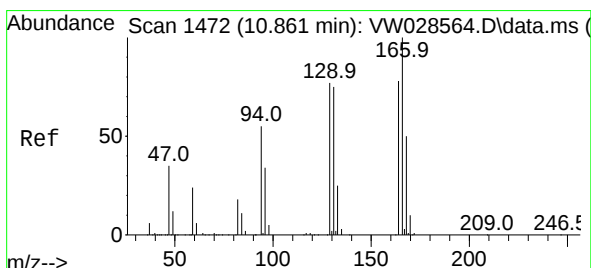
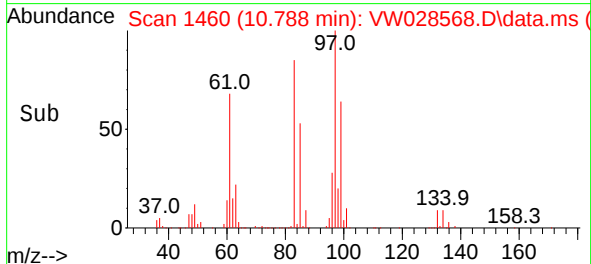
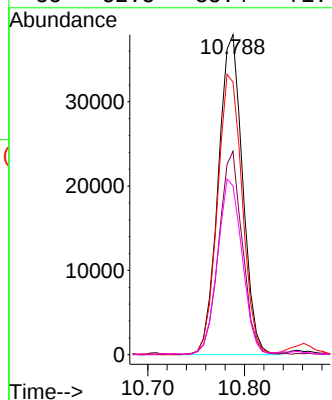
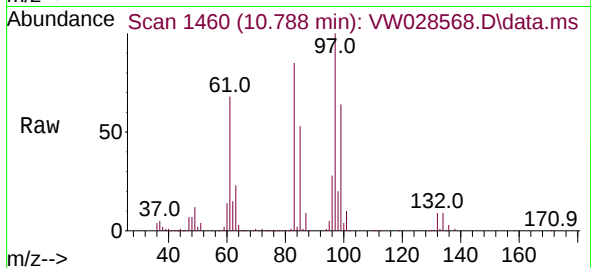
Ion Ratio Lower Upper

97 100

99 63.5 41.9 77.9

83 85.2 62.1 115.3

85 52.8 38.4 71.4



#46

Tetrachloroethene

Concen: 23.024 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Tgt Ion:164 Resp: 69525

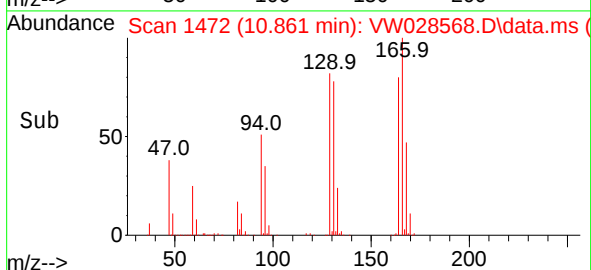
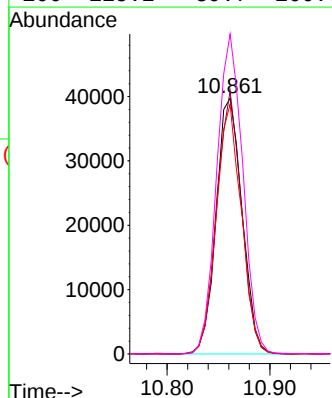
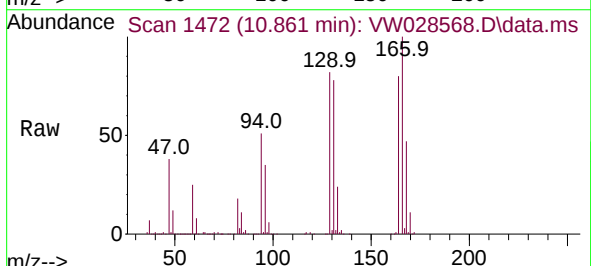
Ion Ratio Lower Upper

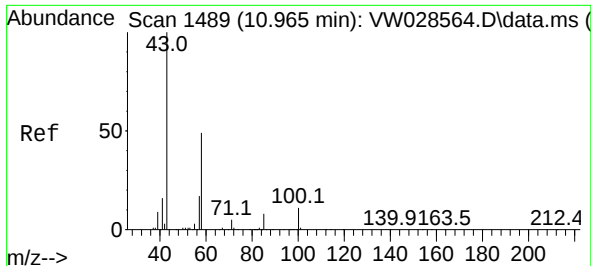
164 100

129 102.9 69.2 128.6

131 97.7 67.7 125.7

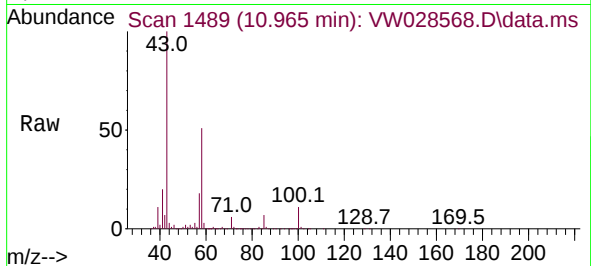
166 125.2 89.7 166.7



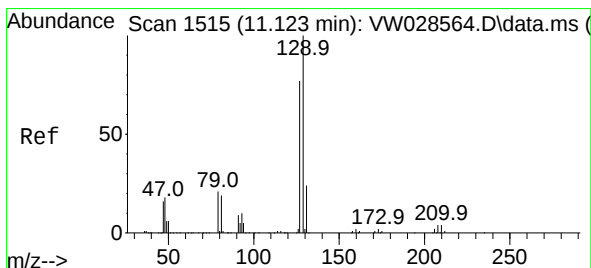
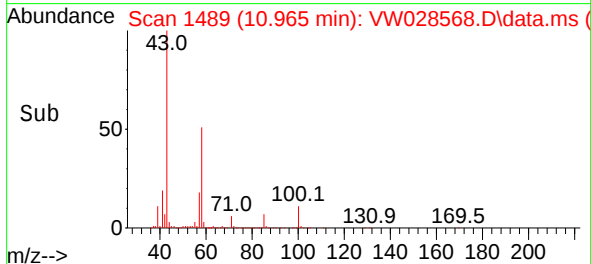
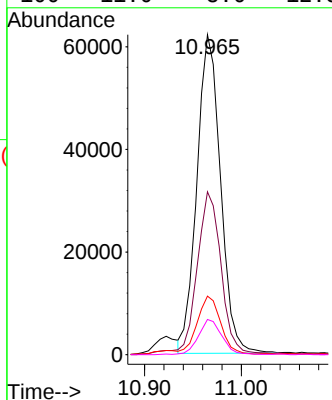


#48
2-Hexanone
Concen: 54.091 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Instrument :
MSVOA_W
ClientSampleId :

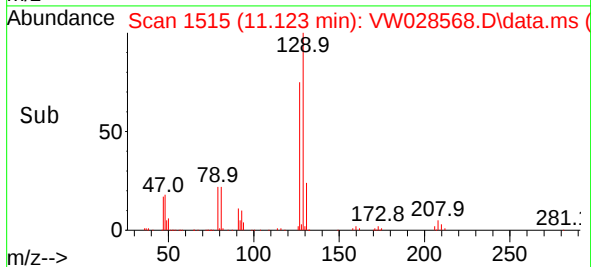
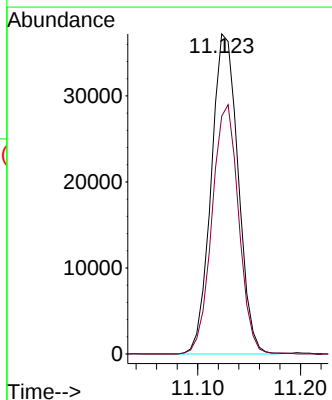
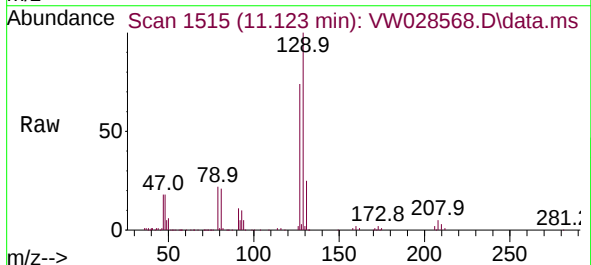


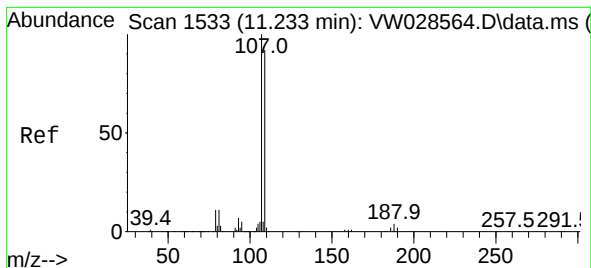
Tgt Ion: 43 Resp: 105868
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.4
57 18.0 14.8 22.2
100 11.0 8.6 12.8



#49
Dibromochloromethane
Concen: 22.872 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion: 129 Resp: 67694
Ion Ratio Lower Upper
129 100
127 74.3 54.3 100.8





#50

1,2-Dibromoethane

Concen: 23.314 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

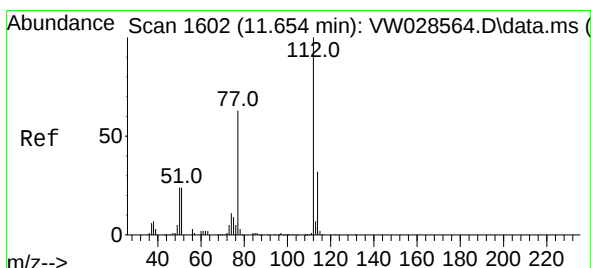
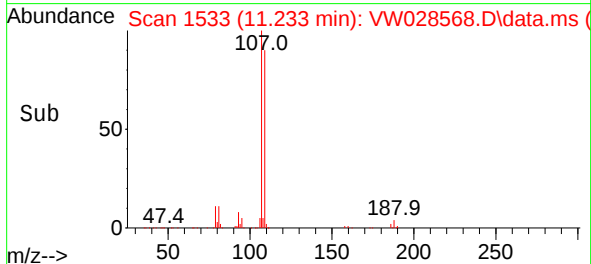
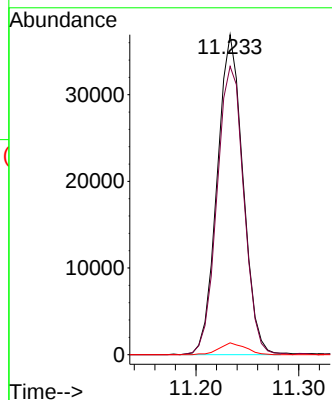
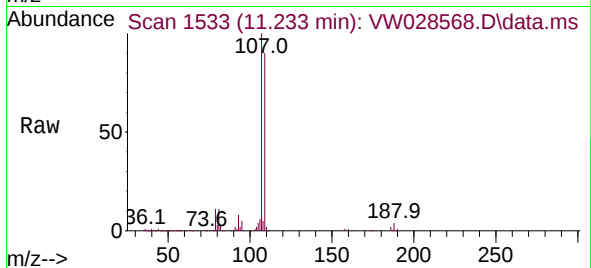
Tgt Ion:107 Resp: 64443

Ion Ratio Lower Upper

107 100

109 90.1 64.2 119.2

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 22.212 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

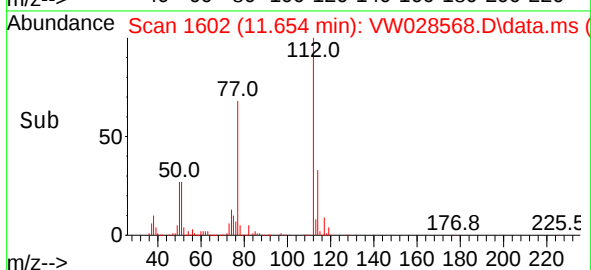
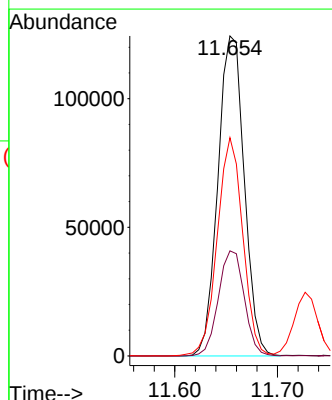
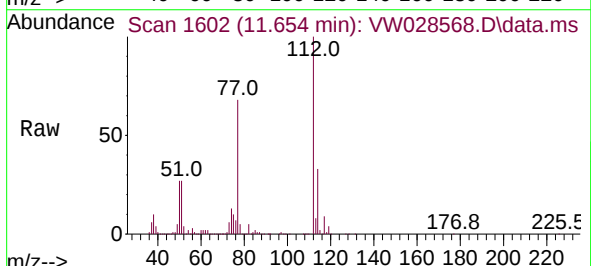
Tgt Ion:112 Resp: 221830

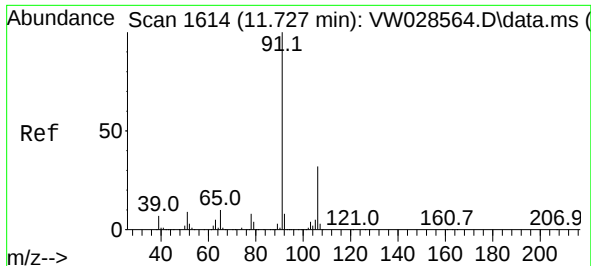
Ion Ratio Lower Upper

112 100

114 32.9 22.2 41.2

77 68.2 50.8 76.2





#52

Ethylbenzene

Concen: 23.819 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

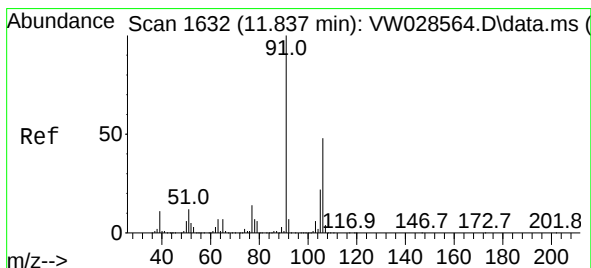
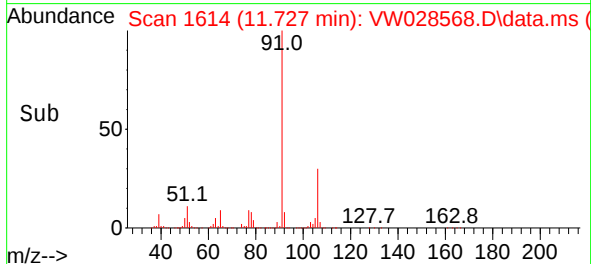
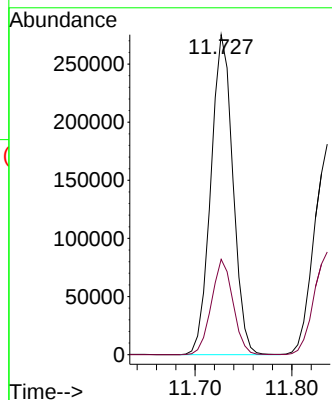
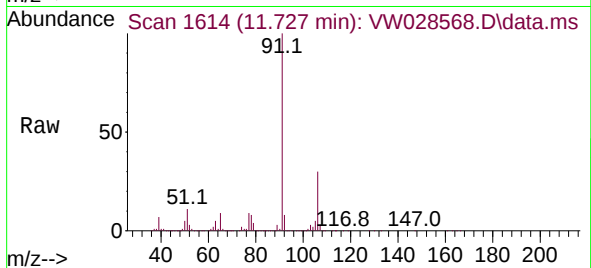
ClientSampleId :

Tgt Ion: 91 Resp: 435202

Ion Ratio Lower Upper

91 100

106 29.8 22.7 42.1



#53

m,p-Xylene

Concen: 23.943 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028568.D

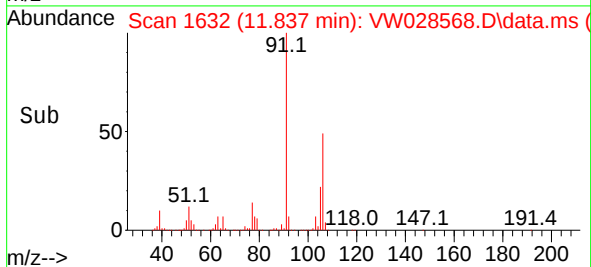
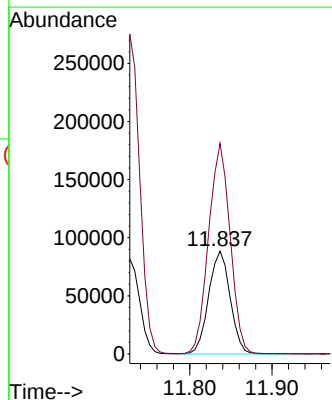
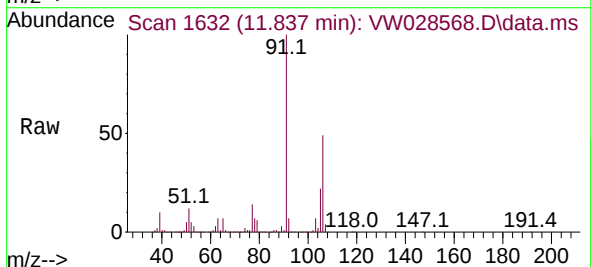
Acq: 02 May 2024 13:22

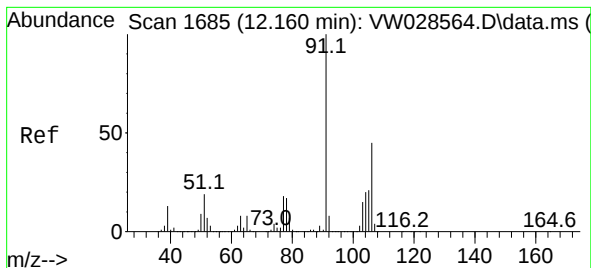
Tgt Ion:106 Resp: 160362

Ion Ratio Lower Upper

106 100

91 204.9 146.6 272.2





#54

o-Xylene

Concen: 23.532 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

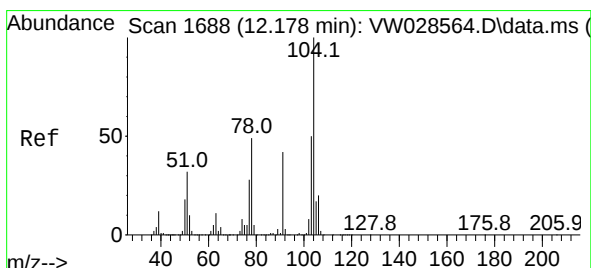
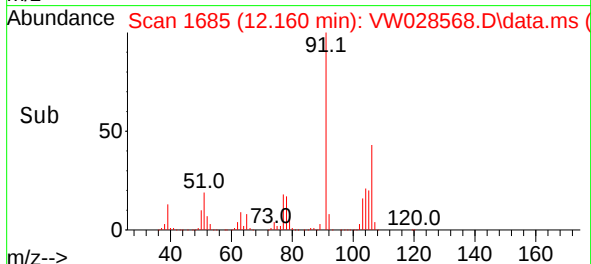
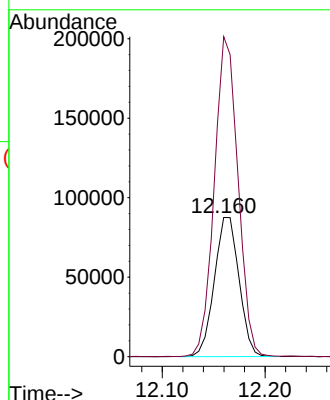
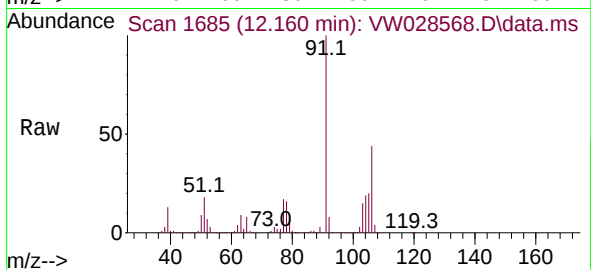
ClientSampleId :

Tgt Ion:106 Resp: 145805

Ion Ratio Lower Upper

106 100

91 229.8 154.3 286.5



#55

Styrene

Concen: 24.325 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028568.D

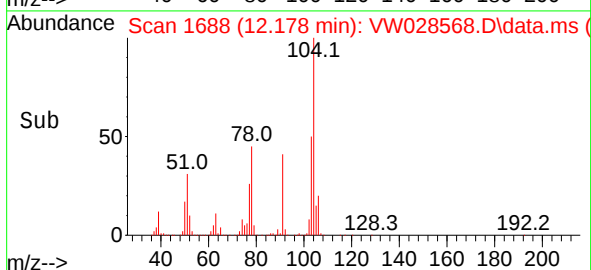
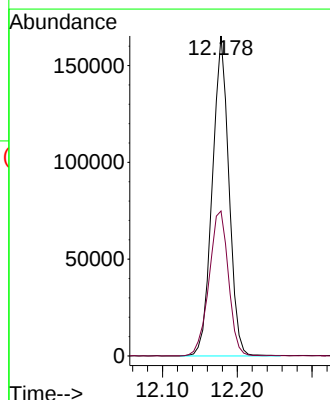
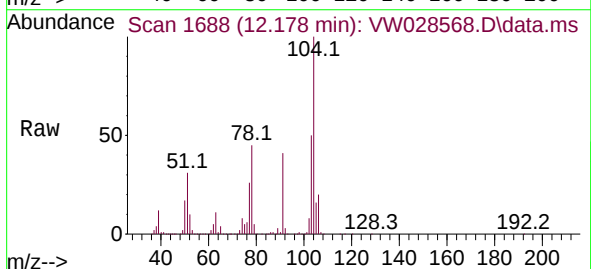
Acq: 02 May 2024 13:22

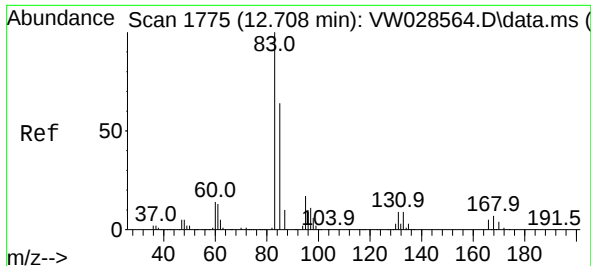
Tgt Ion:104 Resp: 255388

Ion Ratio Lower Upper

104 100

78 45.3 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 23.363 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

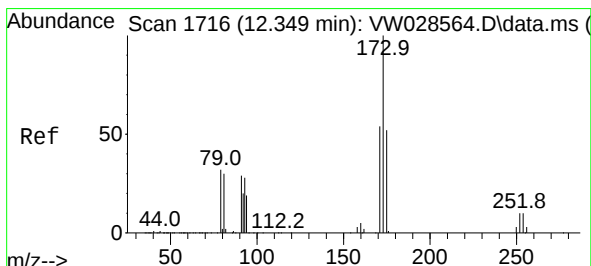
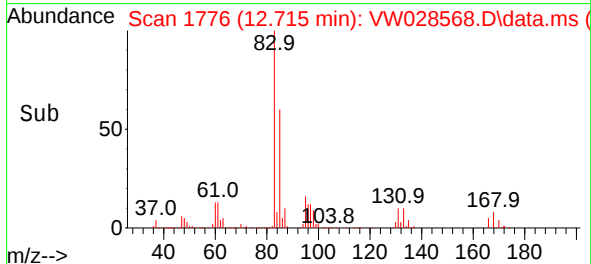
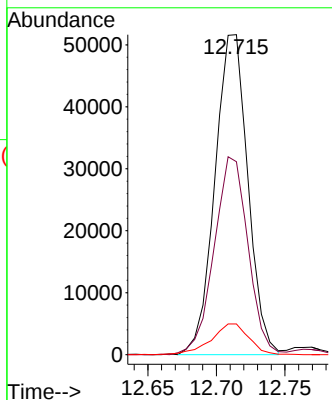
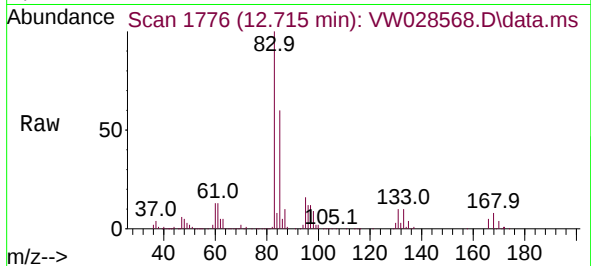
Tgt Ion: 83 Resp: 86491

Ion Ratio Lower Upper

83 100

85 60.3 45.6 84.6

131 9.6 7.3 10.9



#59

Bromoform

Concen: 25.077 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

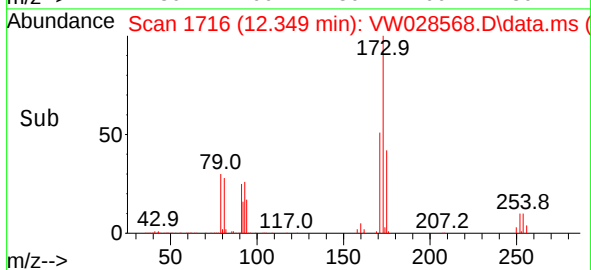
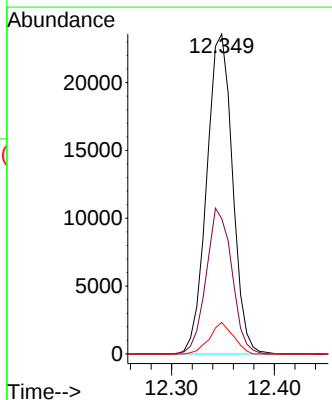
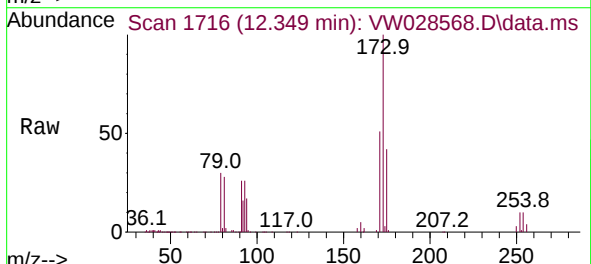
Tgt Ion:173 Resp: 41146

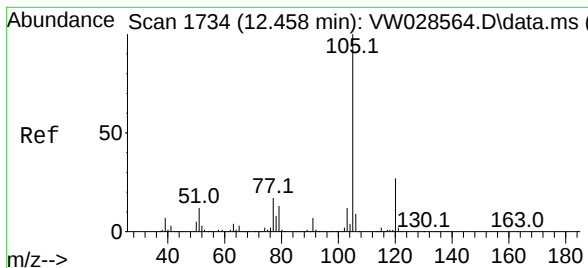
Ion Ratio Lower Upper

173 100

175 45.4 39.8 59.8

254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 24.483 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

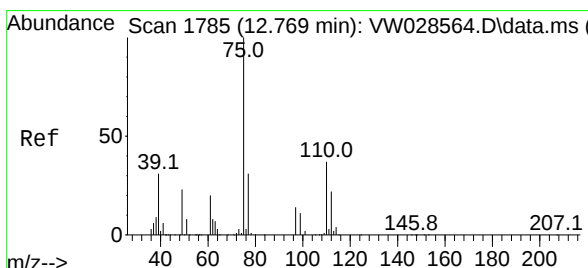
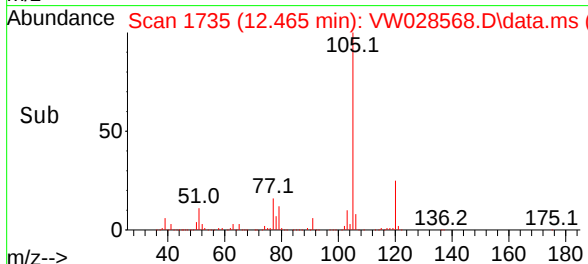
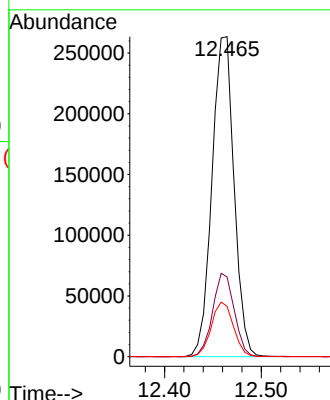
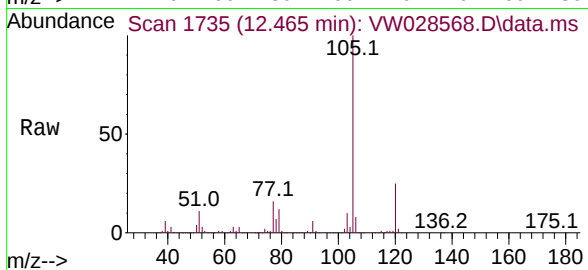
Tgt Ion:105 Resp: 417742

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.683 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

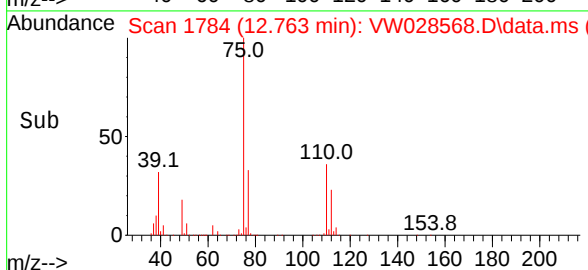
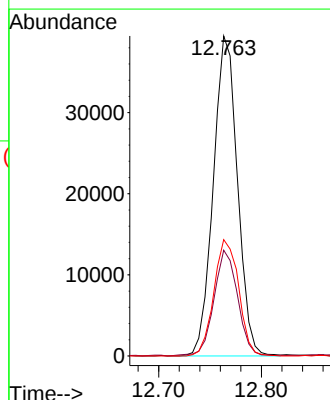
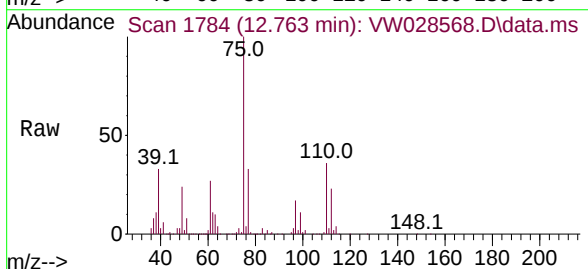
Tgt Ion: 75 Resp: 64368

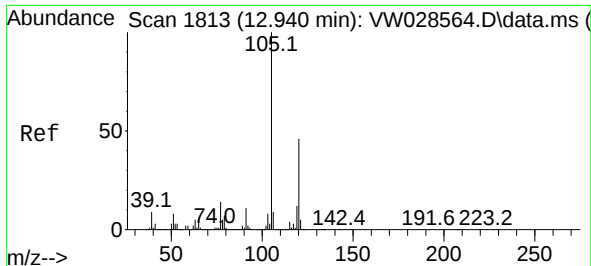
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 37.3 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 25.548 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

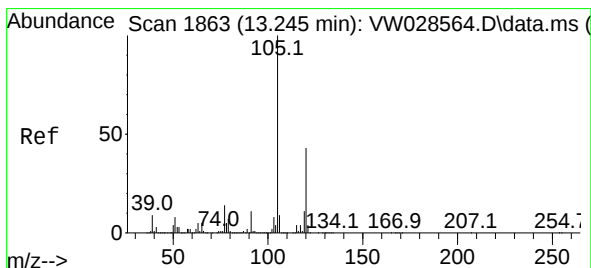
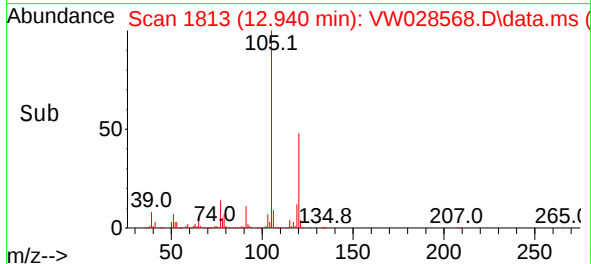
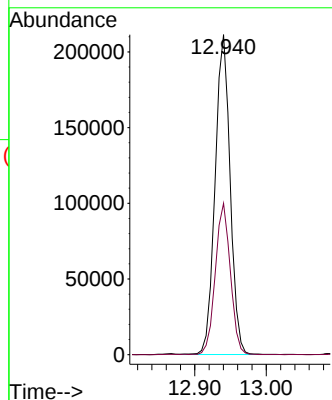
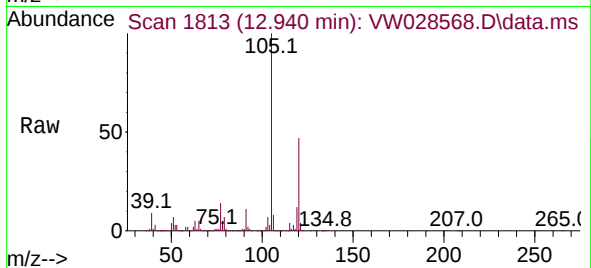
ClientSampleId :

Tgt Ion:105 Resp: 308415

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.248 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028568.D

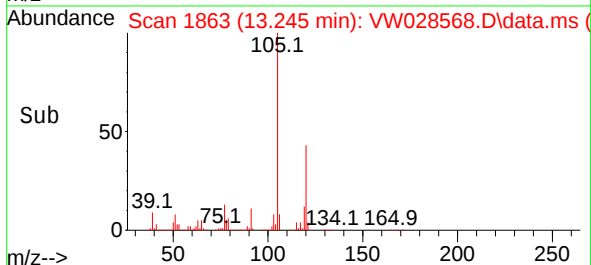
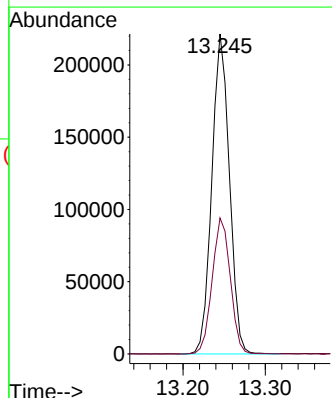
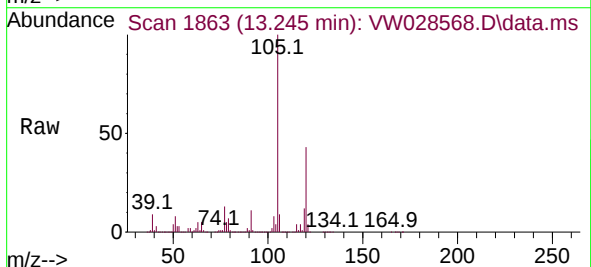
Acq: 02 May 2024 13:22

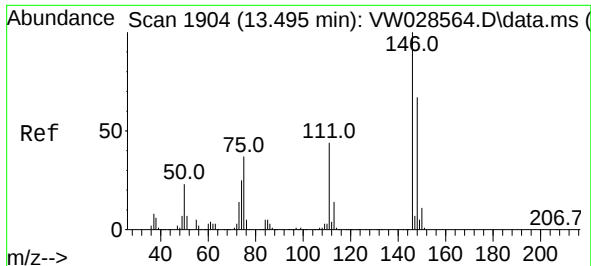
Tgt Ion:105 Resp: 328411

Ion Ratio Lower Upper

105 100

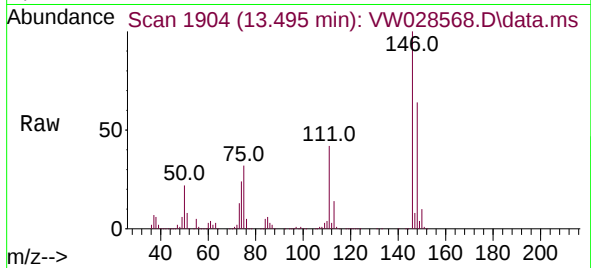
120 43.7 34.1 51.1



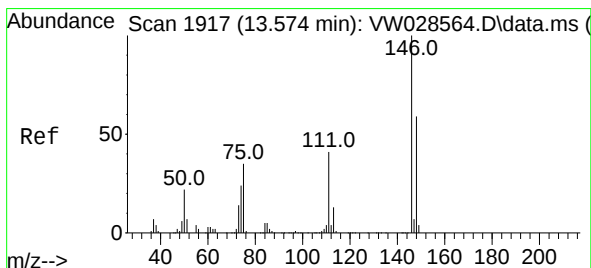
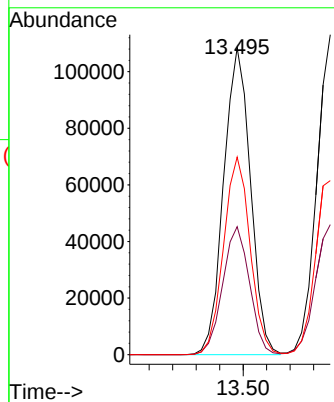
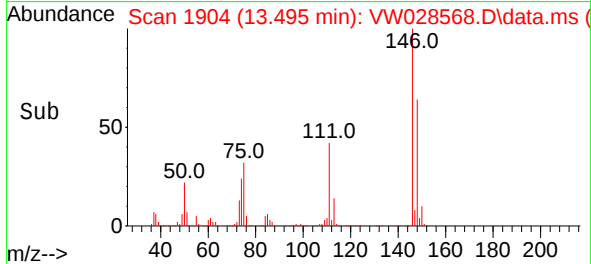


#64
1,3-Dichlorobenzene
Concen: 24.226 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Instrument :
MSVOA_W
ClientSampleId :

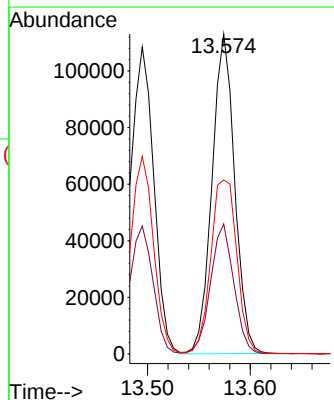
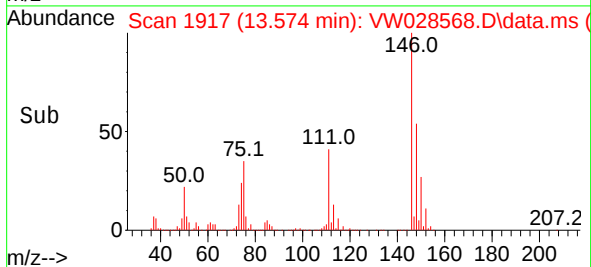
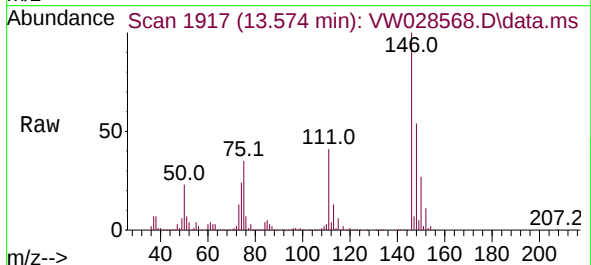


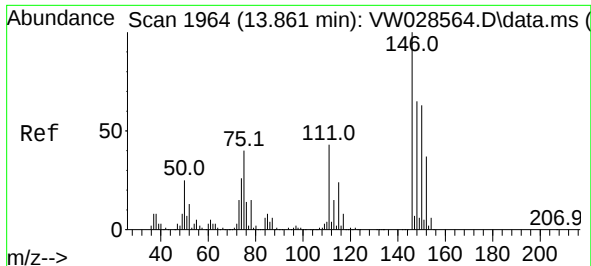
Tgt Ion:146 Resp: 171953
Ion Ratio Lower Upper
146 100
111 41.7 30.7 57.1
148 64.4 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 23.873 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028568.D
Acq: 02 May 2024 13:22

Tgt Ion:146 Resp: 173241
Ion Ratio Lower Upper
146 100
111 40.6 29.1 54.1
148 54.4 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 24.766 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

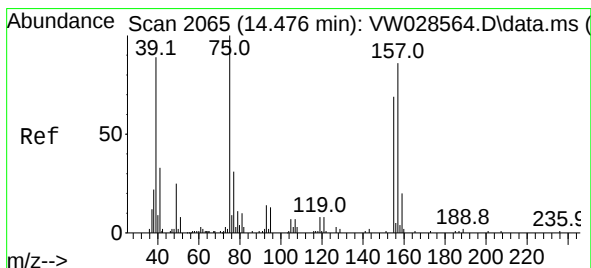
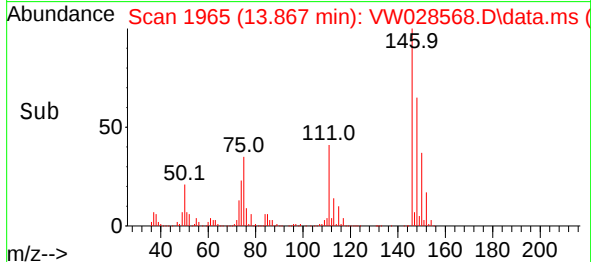
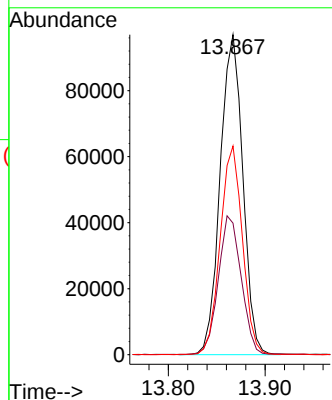
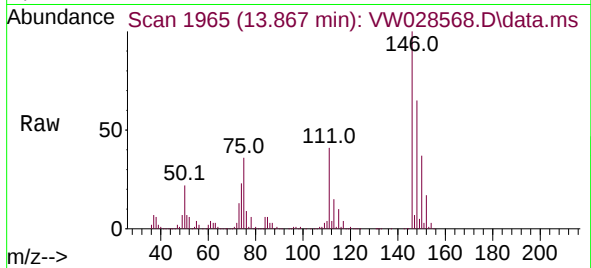
Tgt Ion:146 Resp: 157340

Ion Ratio Lower Upper

146 100

111 41.1 34.7 52.1

148 65.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.168 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

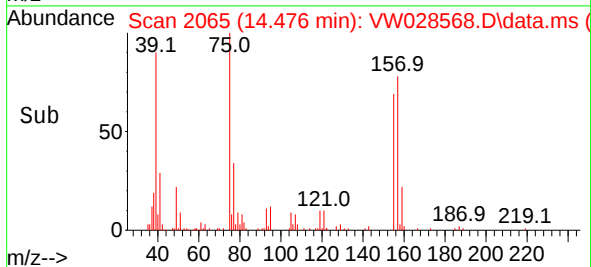
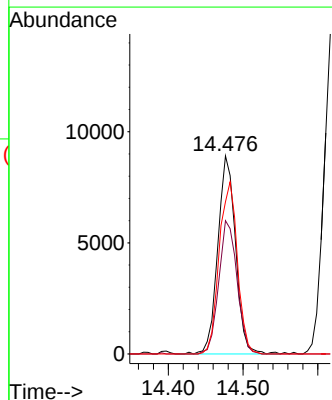
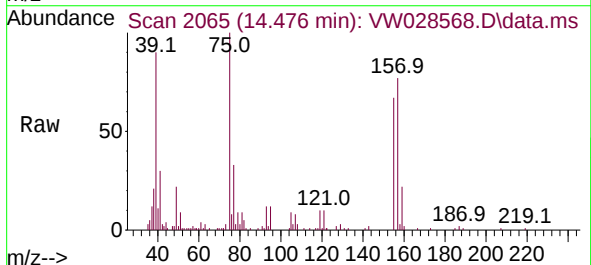
Tgt Ion: 75 Resp: 14723

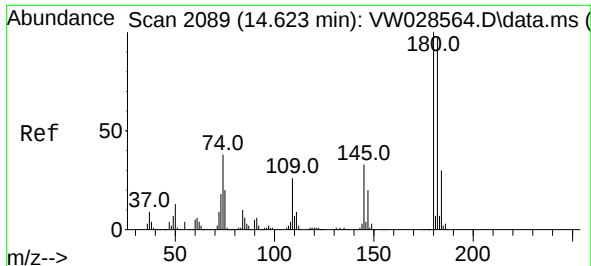
Ion Ratio Lower Upper

75 100

155 67.3 55.1 82.7

157 76.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.527 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 116824

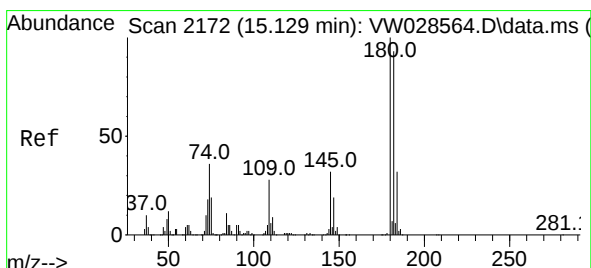
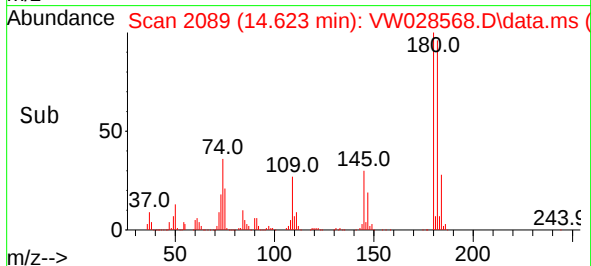
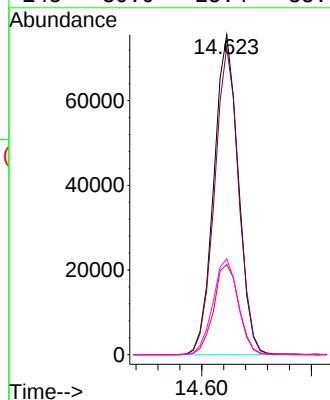
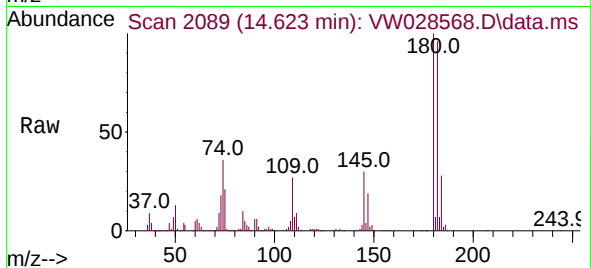
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

184 29.0 24.0 36.0

145 30.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.936 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

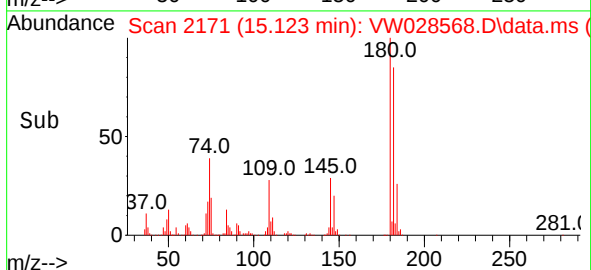
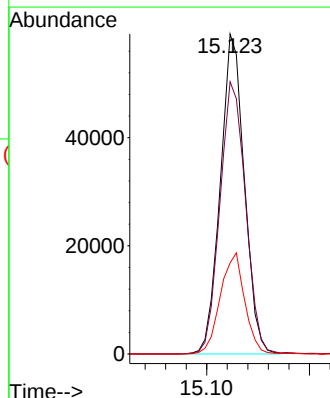
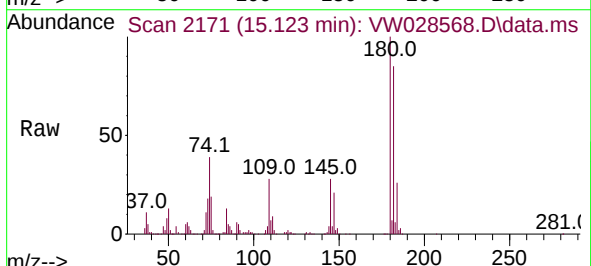
Tgt Ion:180 Resp: 95966

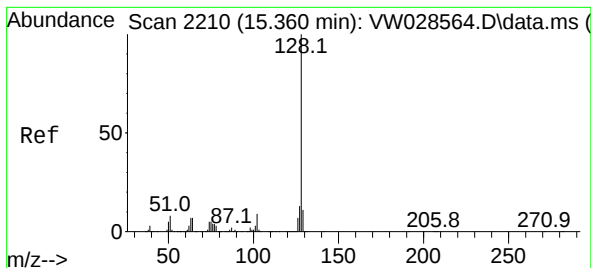
Ion Ratio Lower Upper

180 100

182 90.6 77.2 115.8

145 32.1 26.6 39.8





#71

Naphthalene

Concen: 25.697 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

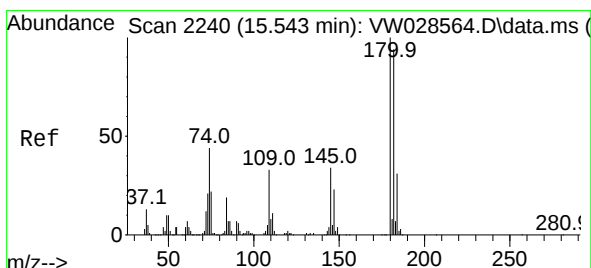
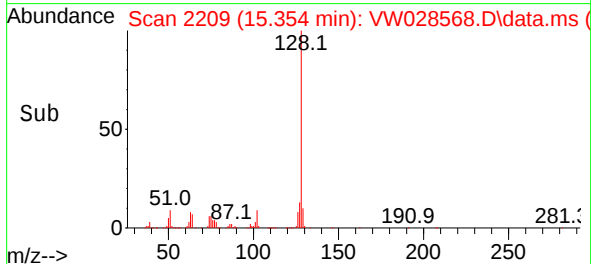
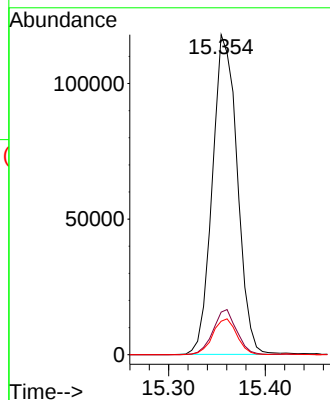
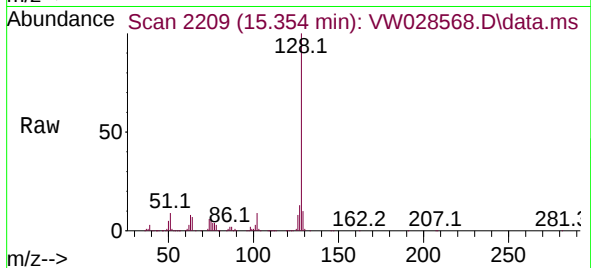
Tgt Ion:128 Resp: 210704

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.298 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028568.D

Acq: 02 May 2024 13:22

Tgt Ion:180 Resp: 87853

Ion Ratio Lower Upper

180 100

182 93.6 76.1 114.1

145 32.3 28.3 42.5

