

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028562.D
 Acq On : 02 May 2024 10:12
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 02:39:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	230637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	210856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101508	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	10741	2.452	ug/L	0.00
7) Chloroethane-d5	2.899	69	8096	2.414	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	4365	2.385	ug/L	0.00
21) 2-Butanone-d5	7.093	46	4807	4.503	ug/L	0.02
24) Chloroform-d	7.648	84	18028	2.502	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	10614	2.573	ug/L	0.00
32) Benzene-d6	8.276	84	33612	2.389	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10490	2.478	ug/L	0.00
41) Toluene-d8	10.318	98	28537	2.291	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	3782	2.221	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3196	4.377	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9110	2.566	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9357	2.419	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	7885	2.353	ug/L	91
3) Chloromethane	2.222	50	10620	2.558	ug/L	99
5) Vinyl chloride	2.375	62	12538	2.682	ug/L	96
6) Bromomethane	2.795	94	6959	2.591	ug/L	92
8) Chloroethane	2.936	64	6387	2.419	ug/L	86
9) Trichlorofluoromethane	3.271	101	9719	2.532	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.216	101	139	0.040	ug/L #	61
12) 1,1-Dichloroethene	4.045	96	8289	2.611	ug/L	95
13) Acetone	4.131	43	6115	6.066	ug/L	87
14) Carbon disulfide	4.393	76	27401	2.554	ug/L	98
15) Methyl Acetate	4.673	43	4563	2.531	ug/L #	90
16) Methylene chloride	4.923	84	11274	3.174	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	8672	2.624	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	12322	2.527	ug/L #	76
19) 1,1-Dichloroethane	6.222	63	17442	2.662	ug/L	92
20) cis-1,2-Dichloroethene	7.179	96	8653	2.502	ug/L	94
22) 2-Butanone	7.179	43	6105	5.022	ug/L	99
23) Bromochloromethane	7.514	128	4208	2.789	ug/L	94
25) Chloroform	7.679	83	16612	2.621	ug/L	93
27) 1,2-Dichloroethane	8.398	62	12677	2.751	ug/L #	95
29) Cyclohexane	7.959	56	13527	2.250	ug/L	95
30) 1,1,1-Trichloroethane	7.880	97	13572	2.569	ug/L	98
31) Carbon tetrachloride	8.075	117	12627	2.621	ug/L	97
33) Benzene	8.325	78	34665	2.535	ug/L	100
34) Trichloroethene	9.093	95	9463	2.581	ug/L	92
35) Methylcyclohexane	9.337	83	14929	2.330	ug/L	93
37) 1,2-Dichloropropane	9.270	63	1303	0.370	ug/L	97
38) Bromodichloromethane	9.648	83	10853	2.499	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	11143	2.182	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	11442	4.719	ug/L	98
42) Toluene	10.386	91	34189	2.421	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	9481	2.202	ug/L	99

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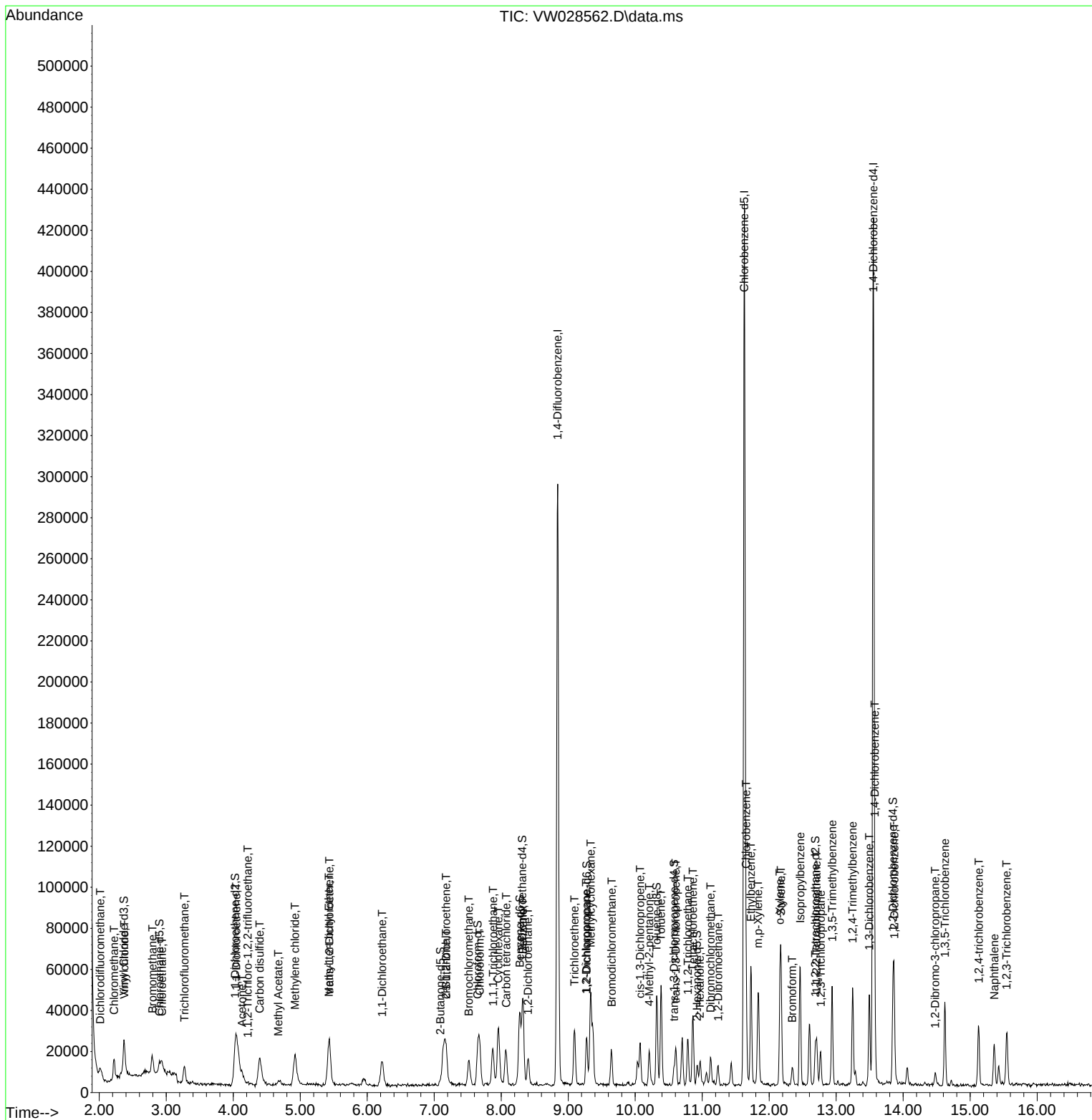
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 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

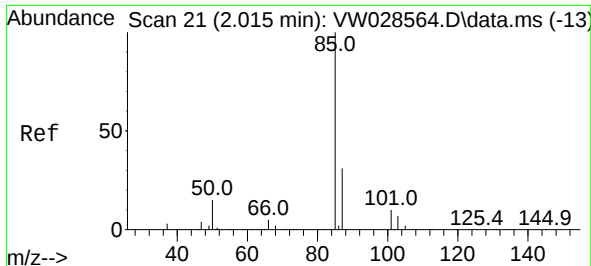
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	6814	2.640	ug/L	93
46) Tetrachloroethene	10.861	164	6893	2.609	ug/L	96
48) 2-Hexanone	10.965	43	7432	4.341	ug/L	96
49) Dibromochloromethane	11.123	129	6295	2.432	ug/L	100
50) 1,2-Dibromoethane	11.239	107	6198	2.564	ug/L	90
51) Chlorobenzene	11.654	112	22677	2.596	ug/L	96
52) Ethylbenzene	11.727	91	38319	2.398	ug/L	93
53) m,p-Xylene	11.836	106	13942	2.380	ug/L	92
54) o-Xylene	12.160	106	11945	2.204	ug/L	93
55) Styrene	12.178	104	20246	2.205	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	8479	2.618	ug/L	97
59) Bromoform	12.342	173	3681	2.486	ug/L #	96
60) Isopropylbenzene	12.464	105	33826	2.196	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	6708	2.734	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	23456	2.153	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	24461	2.084	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	16202	2.529	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	16626	2.538	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	14439	2.518	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	1643	2.865	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	10849	2.524	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	8134	2.342	ug/L	97
71) Naphthalene	15.360	128	15497	2.094	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.543	180	7901	2.521	ug/L	97

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

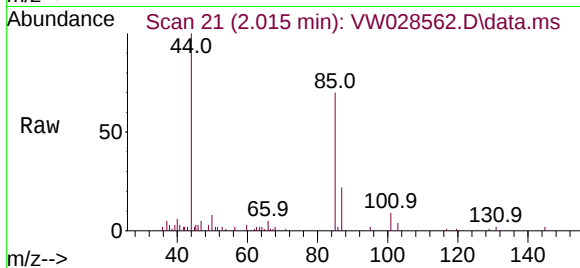
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
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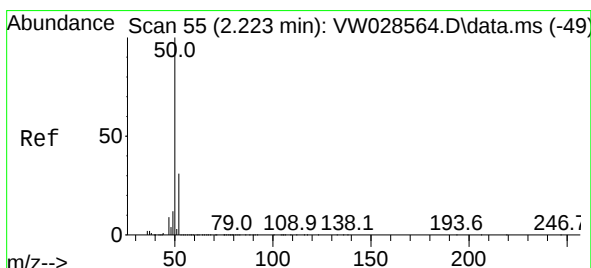
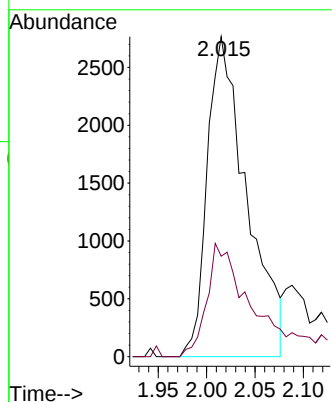
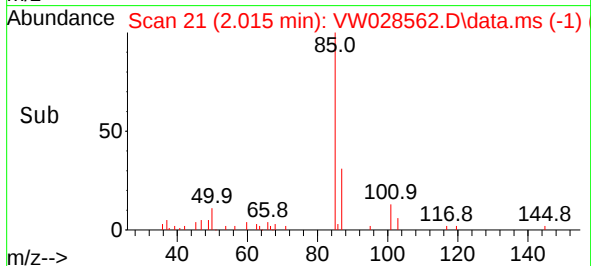


#2
 Dichlorodifluoromethane
 Concen: 2.353 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028562.D
 Acq: 02 May 2024 10:12

Instrument :
 MSVOA_W
 ClientSampleId :

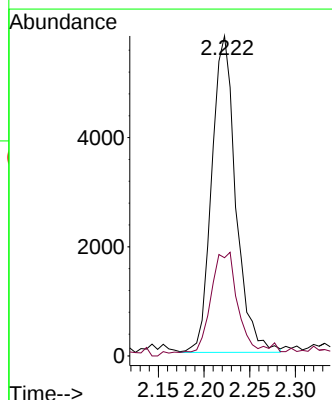
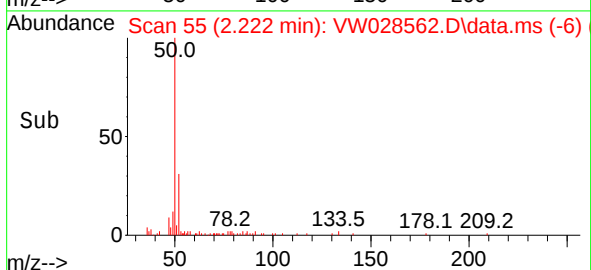
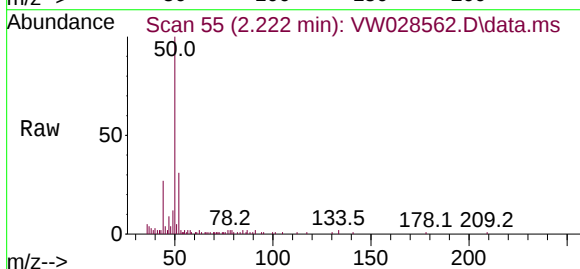


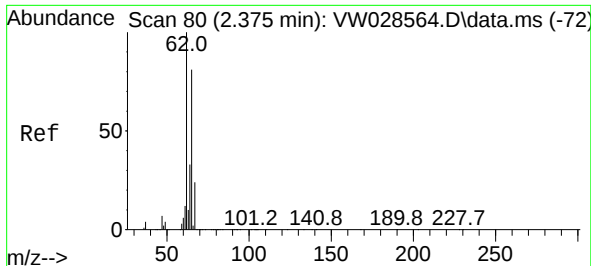
Tgt Ion: 85 Resp: 7885
 Ion Ratio Lower Upper
 85 100
 87 32.1 21.9 32.9



#3
 Chloromethane
 Concen: 2.558 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028562.D
 Acq: 02 May 2024 10:12

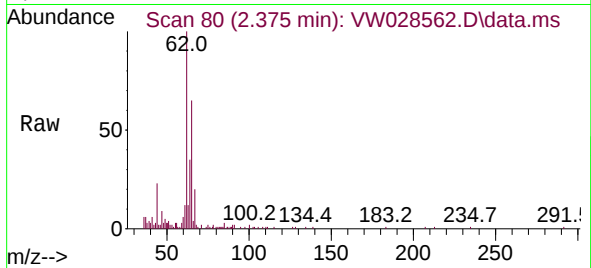
Tgt Ion: 50 Resp: 10620
 Ion Ratio Lower Upper
 50 100
 52 30.7 22.0 41.0



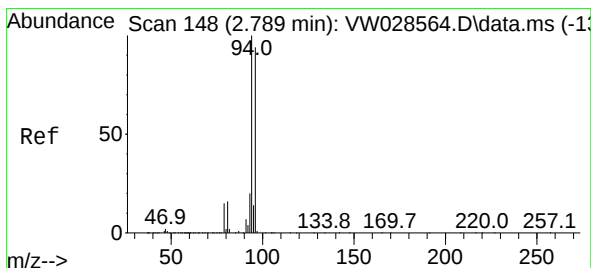
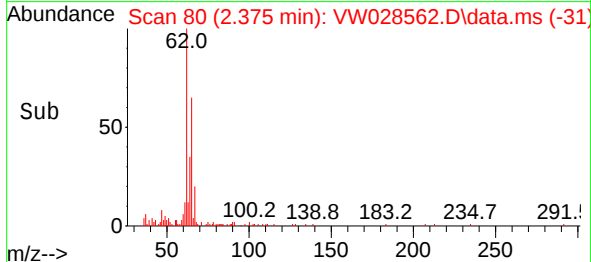
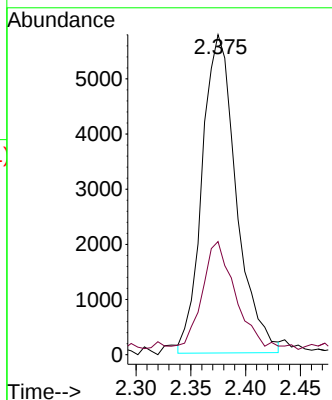


#5
 Vinyl chloride
 Concen: 2.682 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028562.D
 Acq: 02 May 2024 10:12

Instrument :
 MSVOA_W
 ClientSampleId :

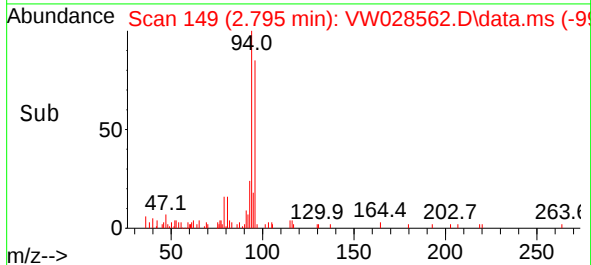
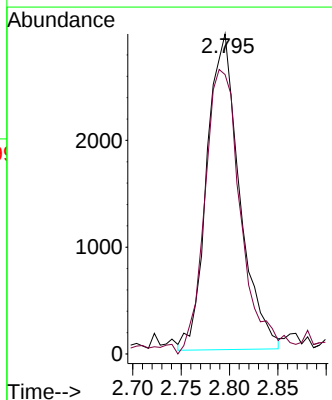
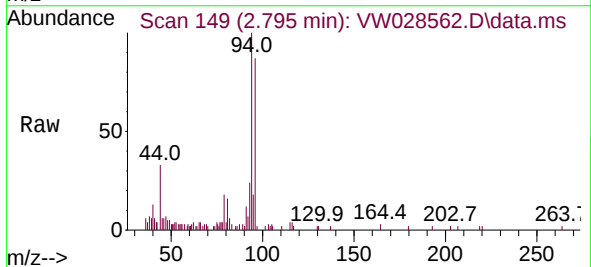


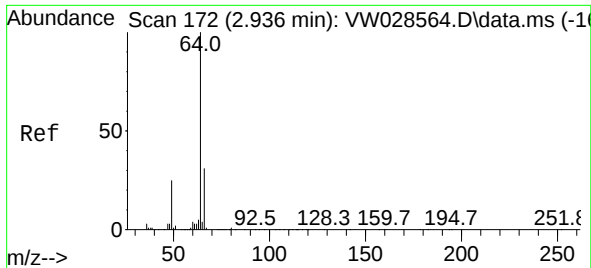
Tgt Ion: 62 Resp: 12538
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.3 43.3



#6
 Bromomethane
 Concen: 2.591 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028562.D
 Acq: 02 May 2024 10:12

Tgt Ion: 94 Resp: 6959
 Ion Ratio Lower Upper
 94 100
 96 87.3 66.3 123.1

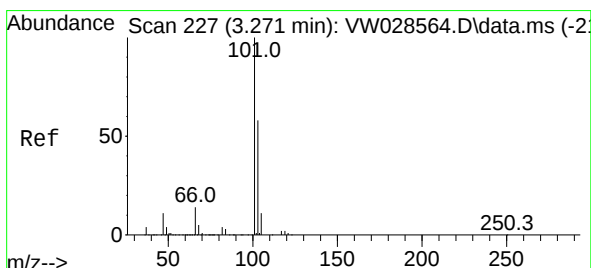
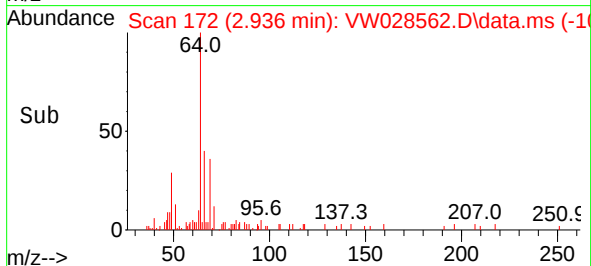
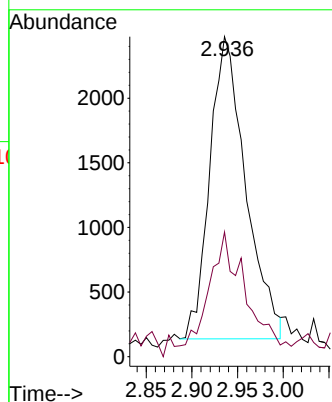
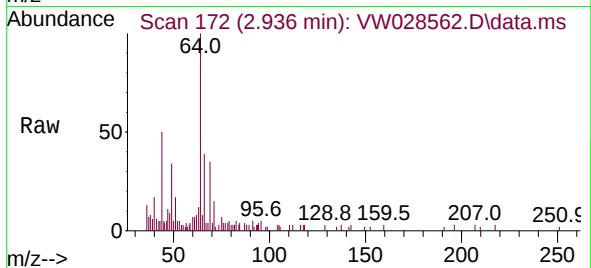




#8
Chloroethane
Concen: 2.419 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

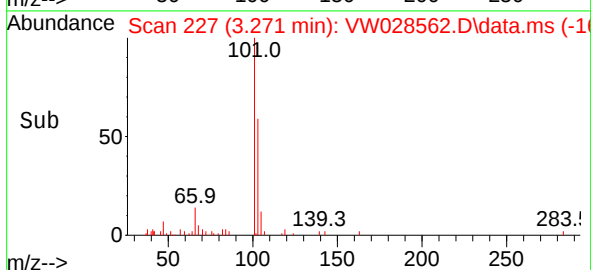
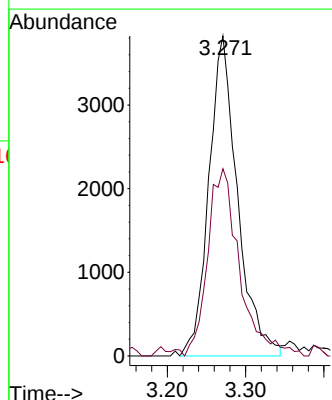
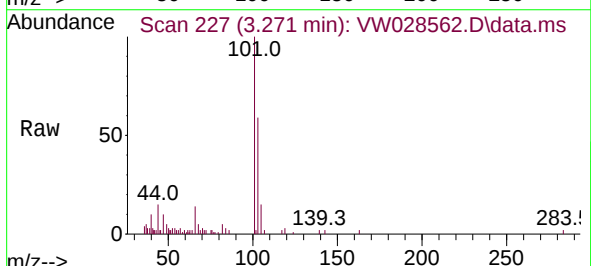
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ClientSampleId :

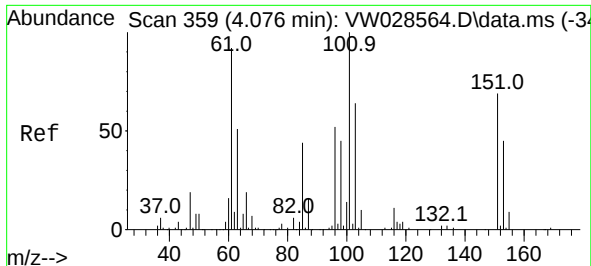
Tgt Ion: 64 Resp: 6387
Ion Ratio Lower Upper
64 100
66 38.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.532 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Tgt Ion:101 Resp: 9719
Ion Ratio Lower Upper
101 100
103 62.8 50.4 75.6





#10

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

Concen: 0.040 ug/L

RT: 4.216 min Scan# 382

Delta R.T. 0.140 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :

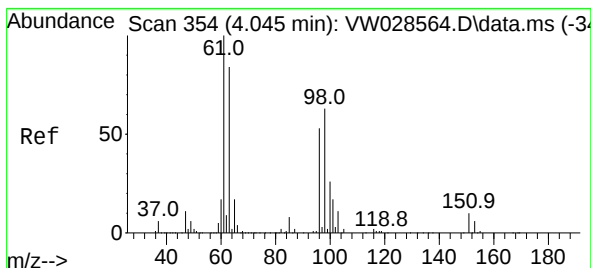
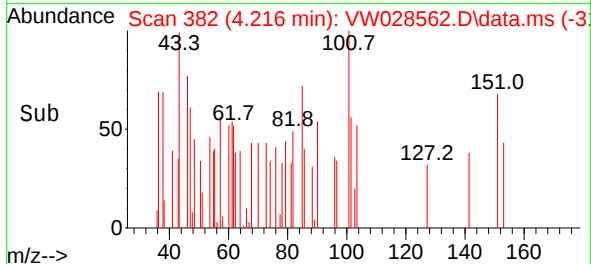
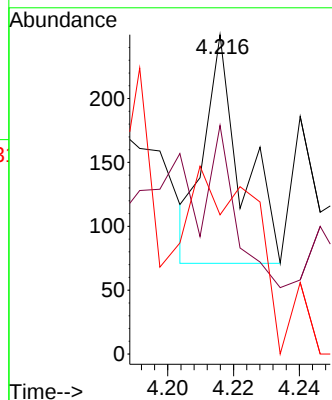
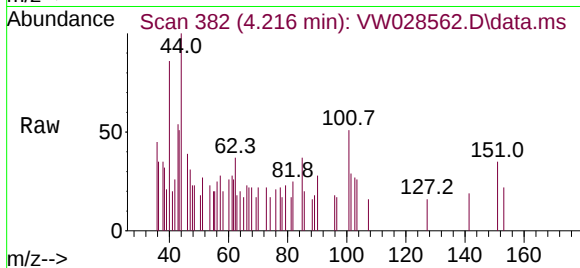
Tgt Ion:101 Resp: 139

Ion Ratio Lower Upper

101 100

85 101.4 35.8 53.8#

151 65.5 49.6 74.4



#12

1,1-Dichloroethene

Concen: 2.611 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

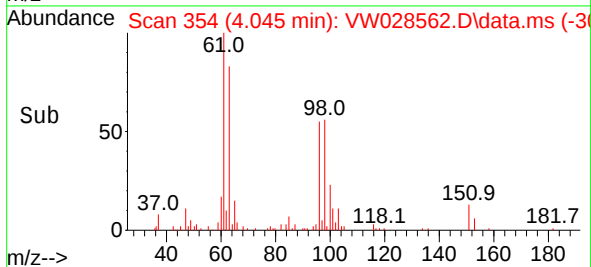
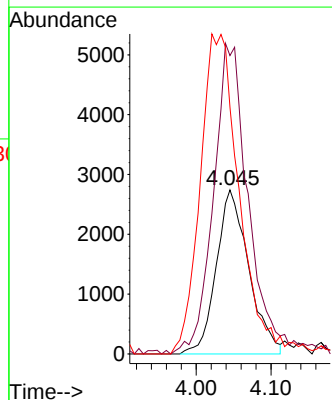
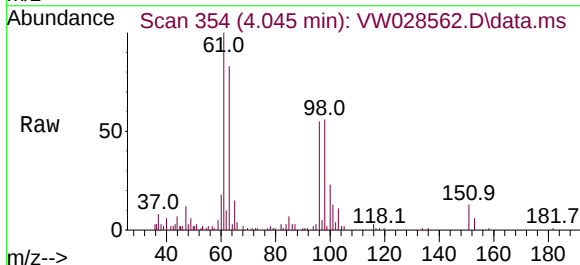
Tgt Ion: 96 Resp: 8289

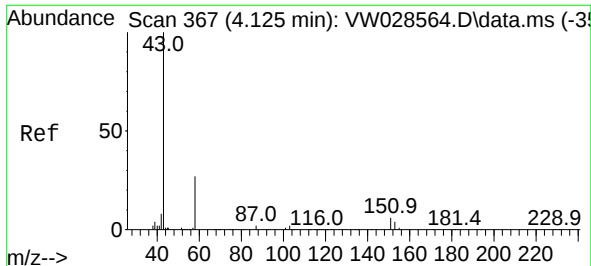
Ion Ratio Lower Upper

96 100

61 181.9 131.6 244.4

63 150.5 111.4 206.8

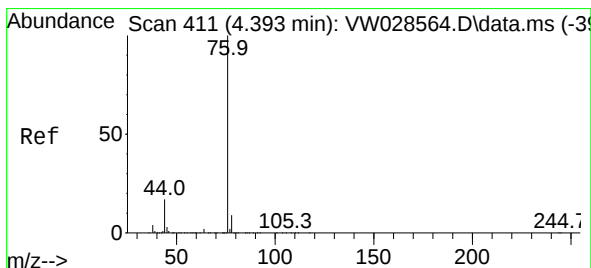
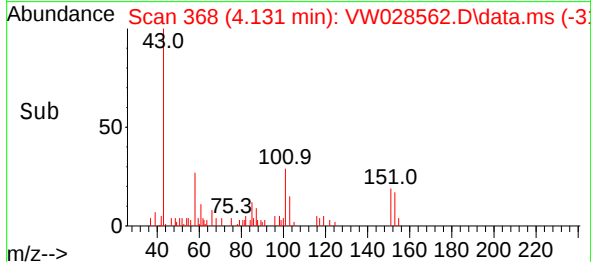
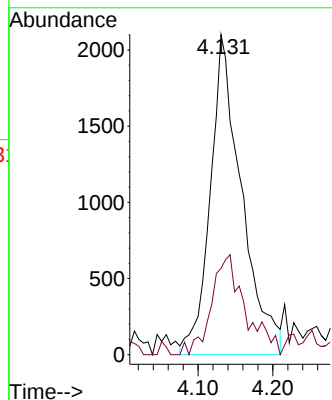
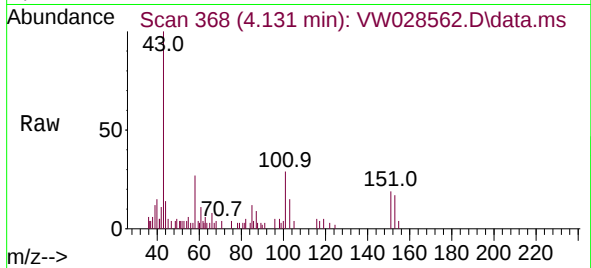




#13
Acetone
Concen: 6.066 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

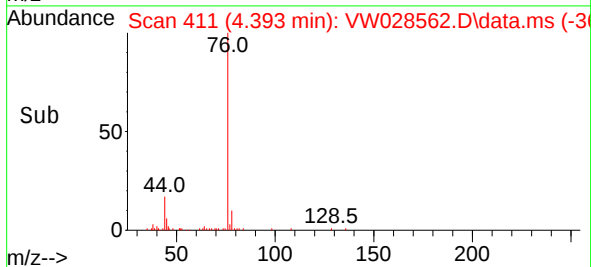
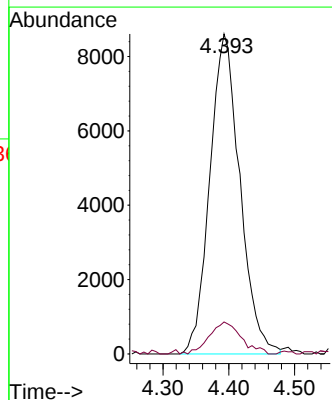
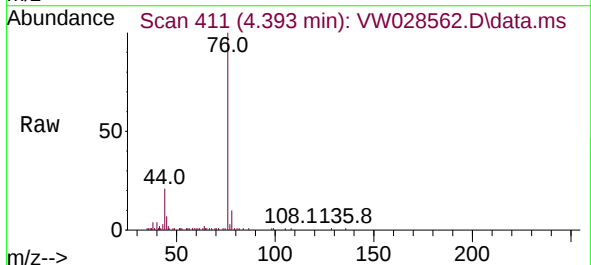
Instrument :
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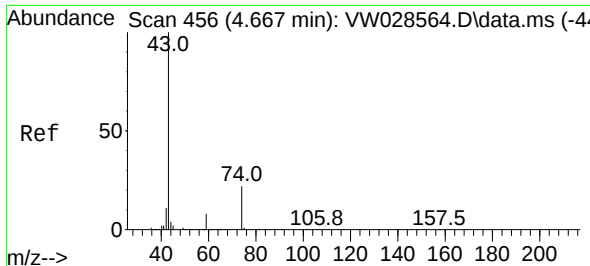
Tgt Ion: 43 Resp: 6115
Ion Ratio Lower Upper
43 100
58 20.7 0.0 54.4



#14
Carbon disulfide
Concen: 2.554 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Tgt Ion: 76 Resp: 27401
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0





#15

Methyl Acetate

Concen: 2.531 ug/L

RT: 4.673 min Scan# 456

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

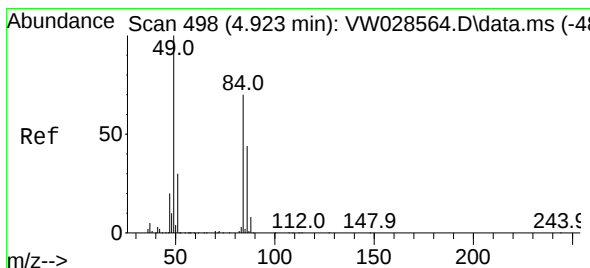
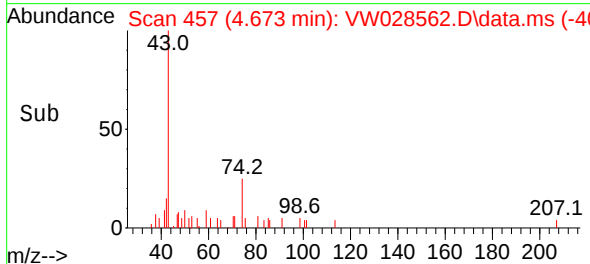
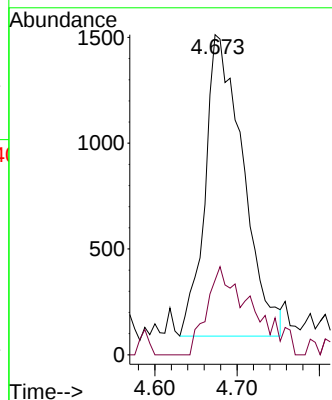
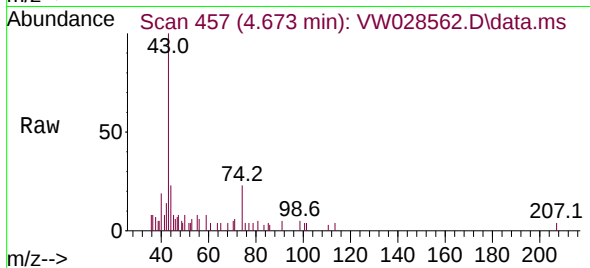
ClientSampleId :

Tgt Ion: 43 Resp: 4563

Ion Ratio Lower Upper

43 100

74 17.0 17.6 26.4#



#16

Methylene chloride

Concen: 3.174 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

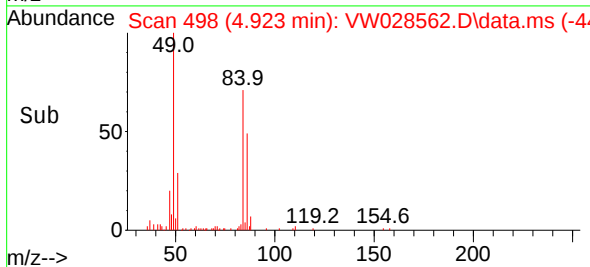
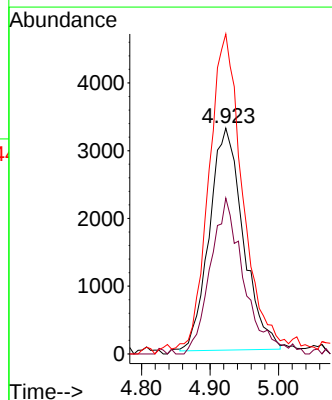
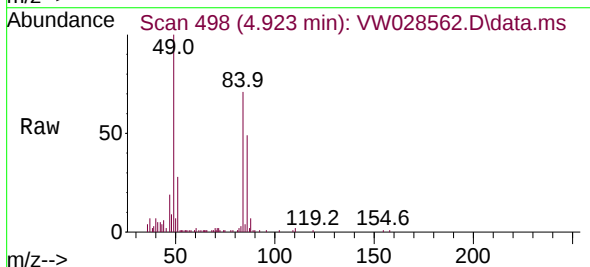
Tgt Ion: 84 Resp: 11274

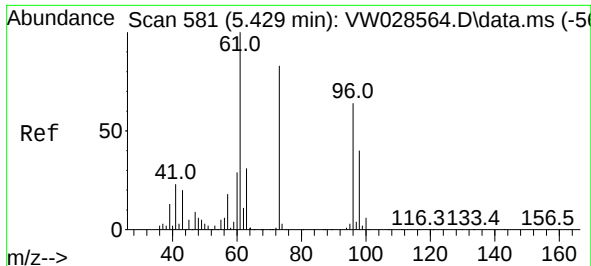
Ion Ratio Lower Upper

84 100

86 69.1 44.4 82.4

49 141.8 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 2.624 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :

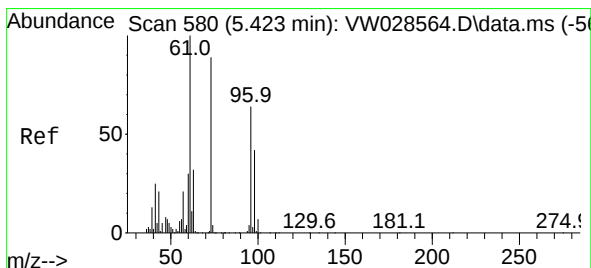
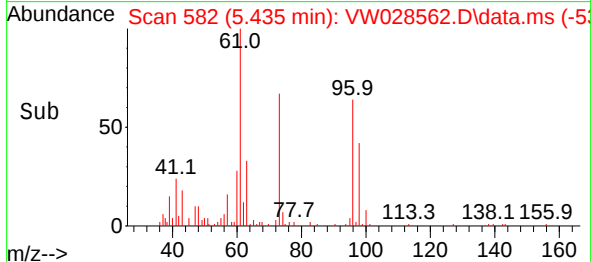
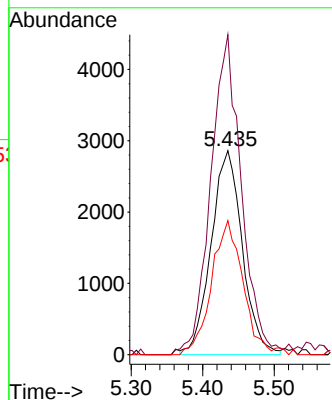
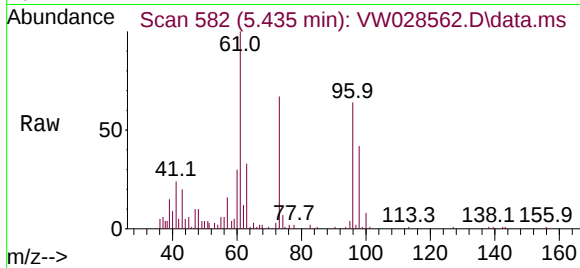
Tgt Ion: 96 Resp: 8672

Ion Ratio Lower Upper

96 100

61 156.9 109.0 202.4

98 65.7 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 2.527 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

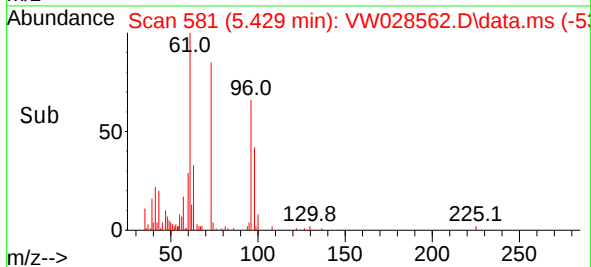
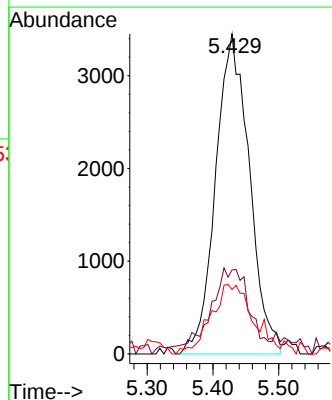
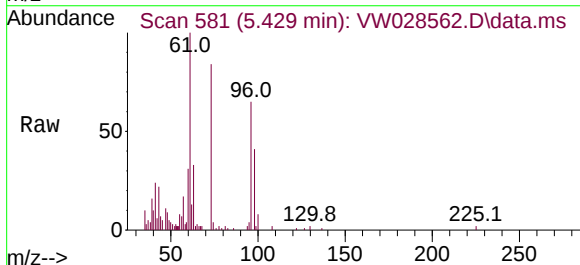
Tgt Ion: 73 Resp: 12322

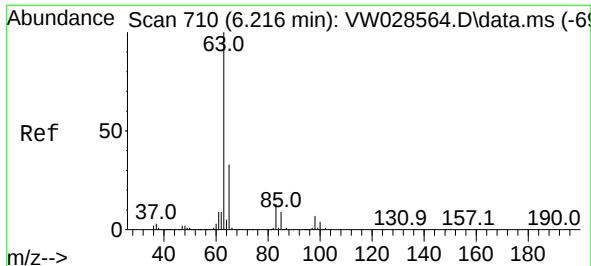
Ion Ratio Lower Upper

73 100

43 8.8 19.2 28.8#

57 14.4 18.5 27.7#





#19

1,1-Dichloroethane

Concen: 2.662 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

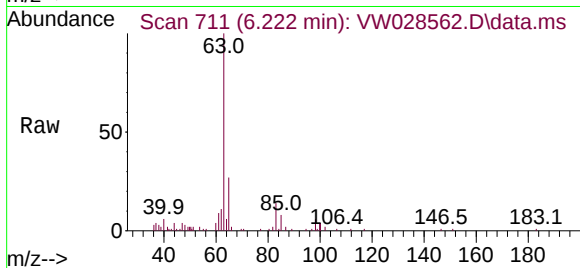
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



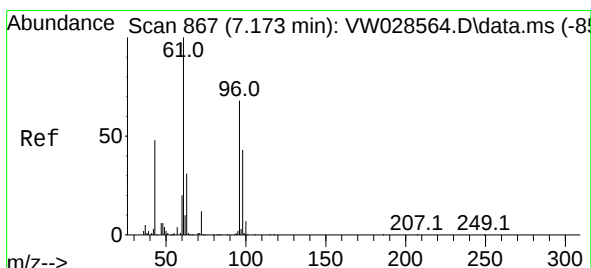
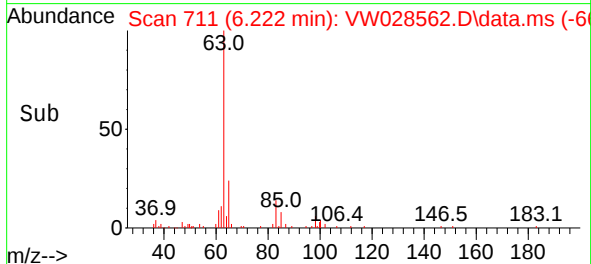
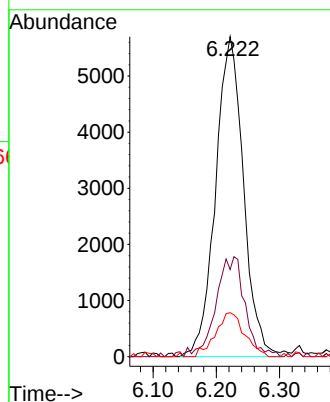
Tgt Ion: 63 Resp: 17442

Ion Ratio Lower Upper

63 100

65 27.3 22.9 42.5

83 13.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 2.502 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

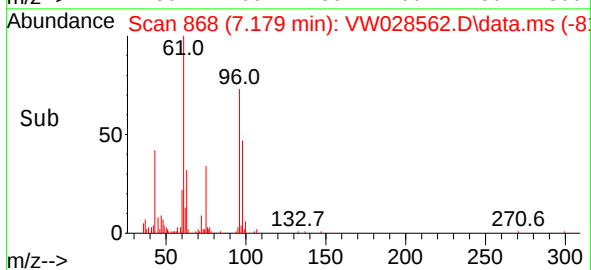
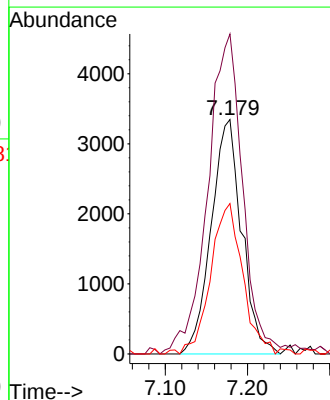
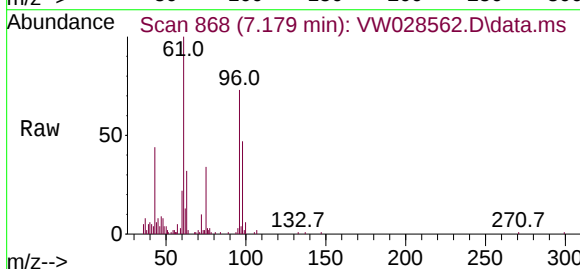
Tgt Ion: 96 Resp: 8653

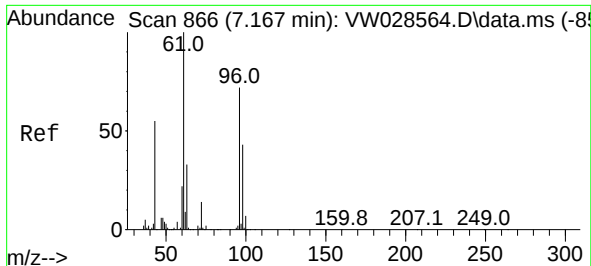
Ion Ratio Lower Upper

96 100

61 136.5 102.8 191.0

98 64.1 44.3 82.3





#22

2-Butanone

Concen: 5.022 ug/L

RT: 7.179 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

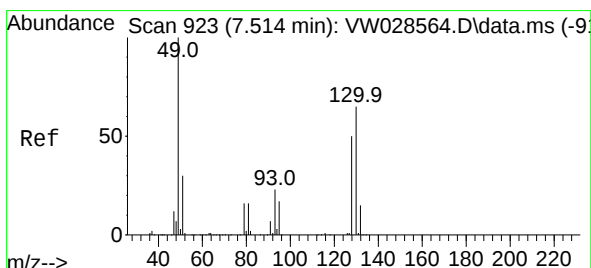
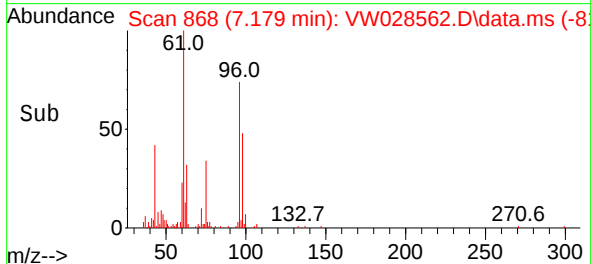
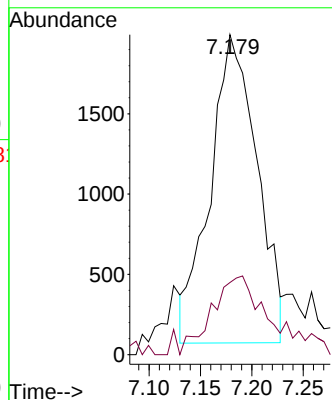
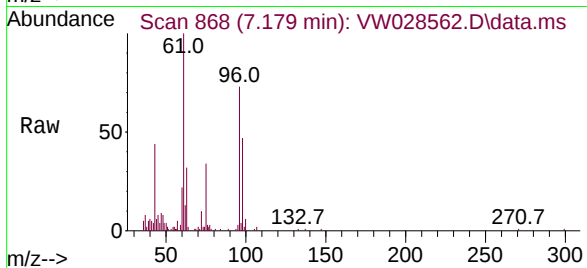
ClientSampleId :

Tgt Ion: 43 Resp: 6105

Ion Ratio Lower Upper

43 100

72 24.8 12.2 36.6



#23

Bromochloromethane

Concen: 2.789 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion:128 Resp: 4208

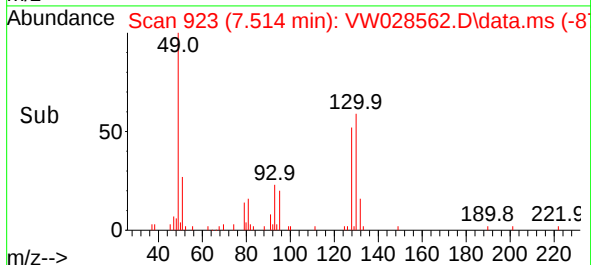
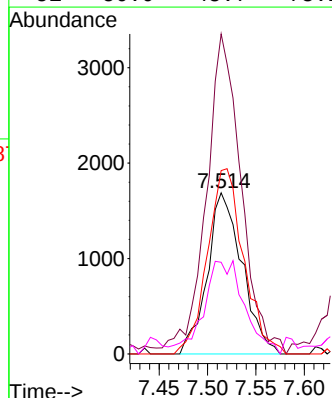
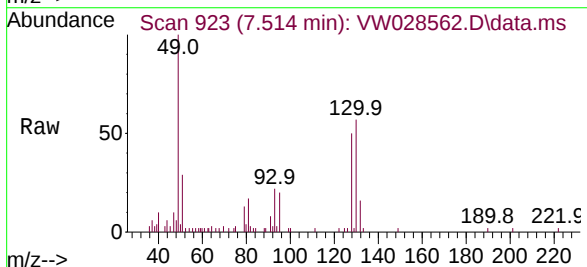
Ion Ratio Lower Upper

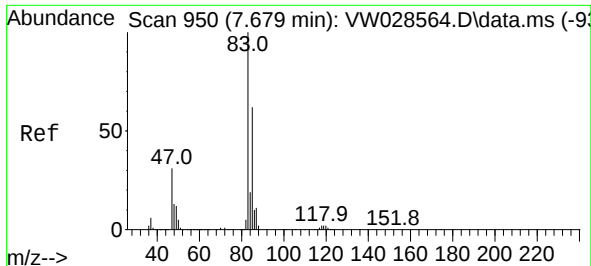
128 100

49 198.7 139.6 259.2

130 113.8 91.2 169.4

51 56.9 48.7 73.1





#25

Chloroform

Concen: 2.621 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

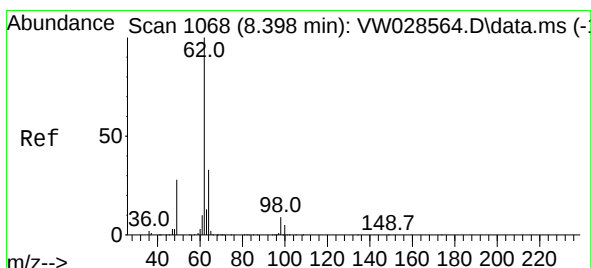
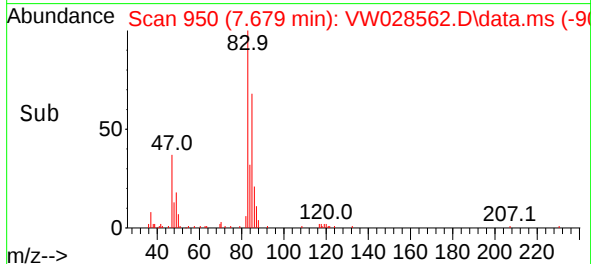
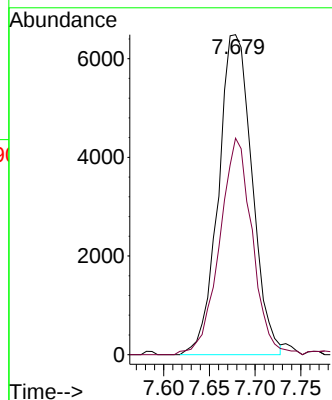
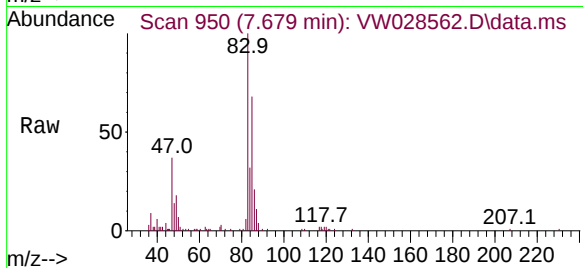
ClientSampleId :

Tgt Ion: 83 Resp: 16612

Ion Ratio Lower Upper

83 100

85 67.7 43.4 80.6



#27

1,2-Dichloroethane

Concen: 2.751 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028562.D

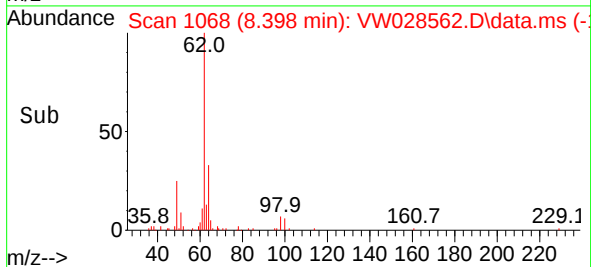
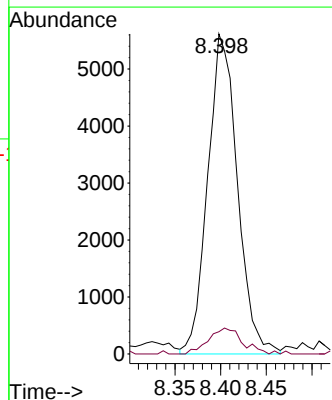
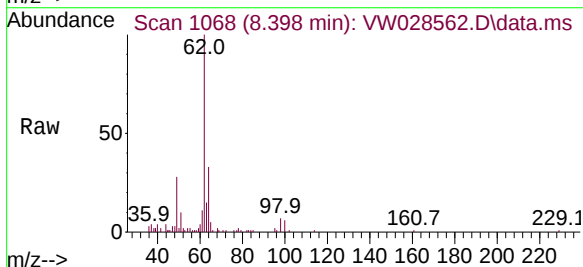
Acq: 02 May 2024 10:12

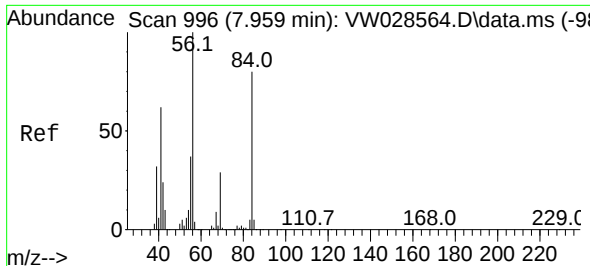
Tgt Ion: 62 Resp: 12677

Ion Ratio Lower Upper

62 100

98 7.0 7.0 10.6#





#29

Cyclohexane

Concen: 2.250 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

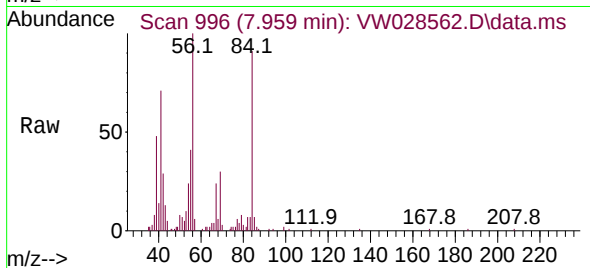
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



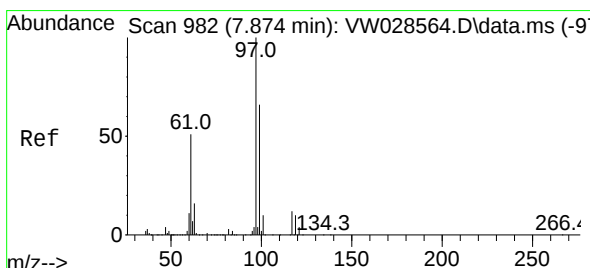
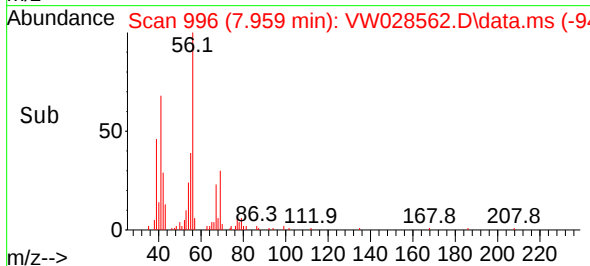
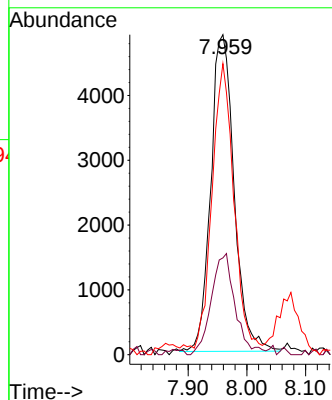
Tgt Ion: 56 Resp: 13527

Ion Ratio Lower Upper

56 100

69 31.5 23.4 35.0

84 87.6 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 2.569 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

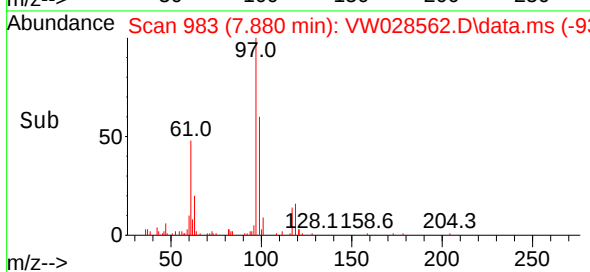
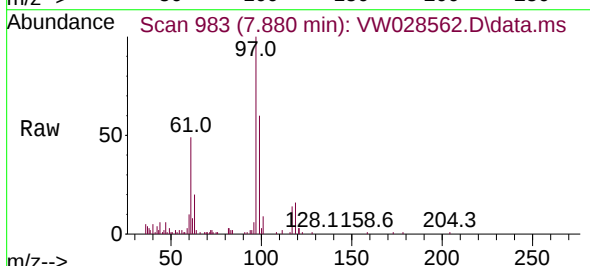
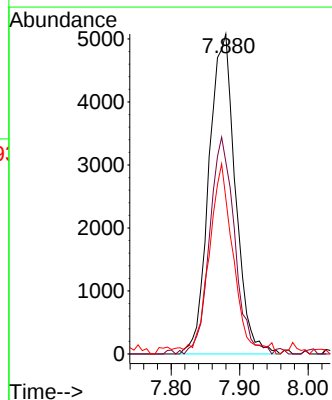
Tgt Ion: 97 Resp: 13572

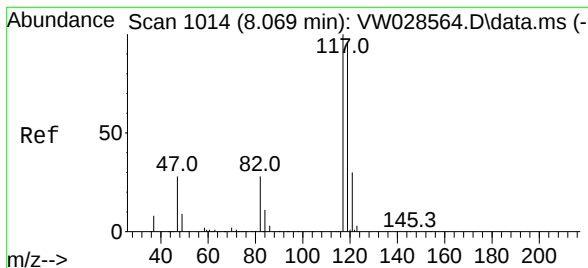
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 53.9 41.0 61.6





#31

Carbon tetrachloride

Concen: 2.621 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

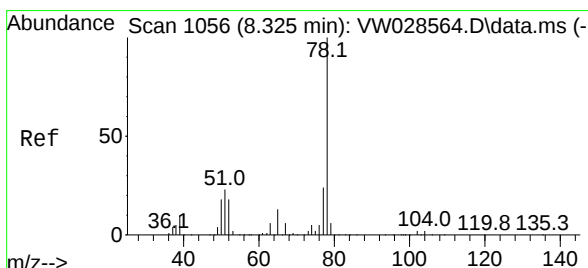
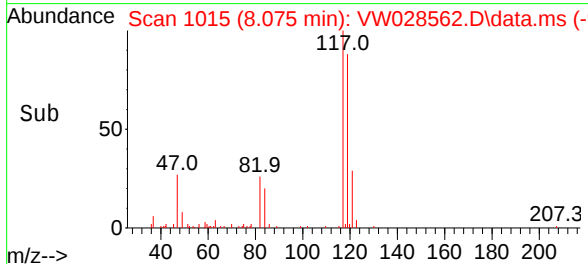
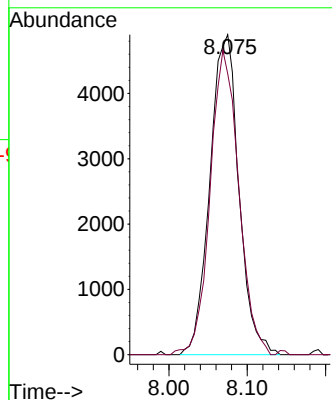
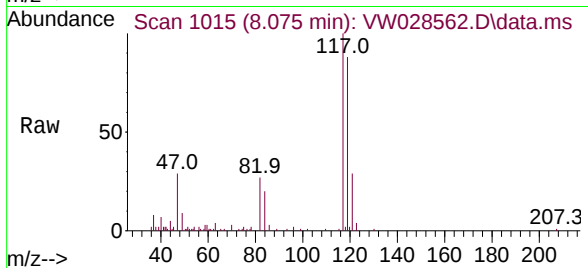
ClientSampleId :

Tgt Ion:117 Resp: 12627

Ion Ratio Lower Upper

117 100

119 93.7 77.2 115.8



#33

Benzene

Concen: 2.535 ug/L

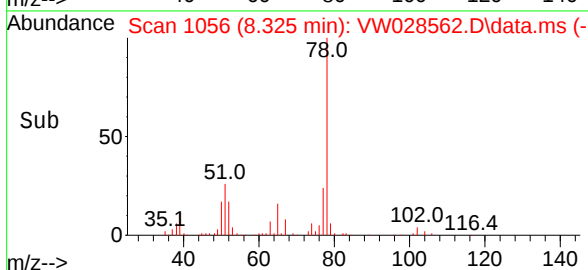
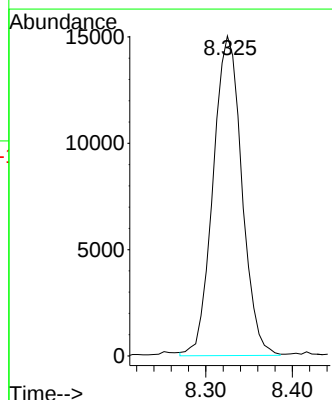
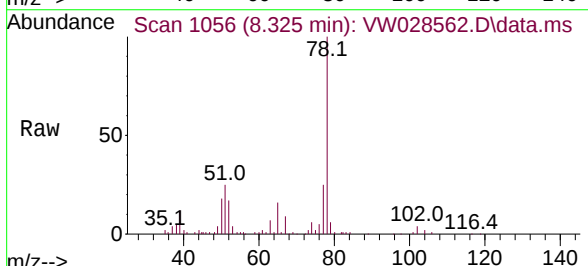
RT: 8.325 min Scan# 1056

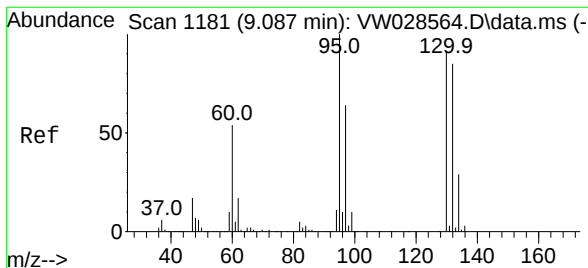
Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion: 78 Resp: 34665





#34

Trichloroethene

Concen: 2.581 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

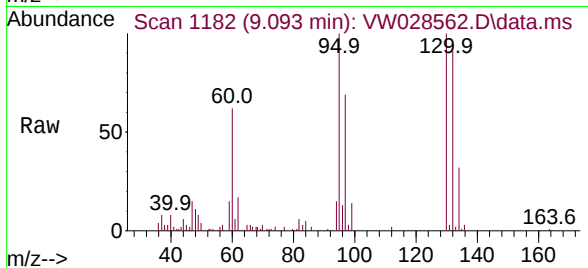
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 9463

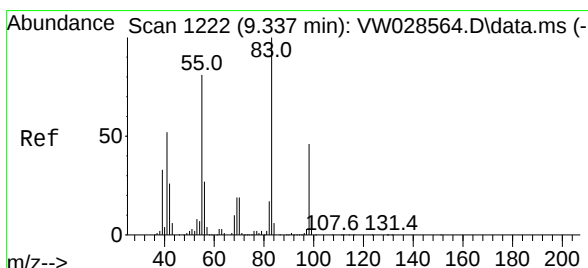
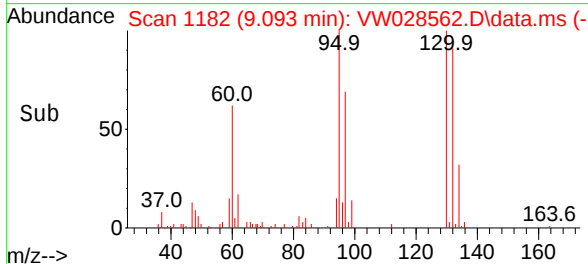
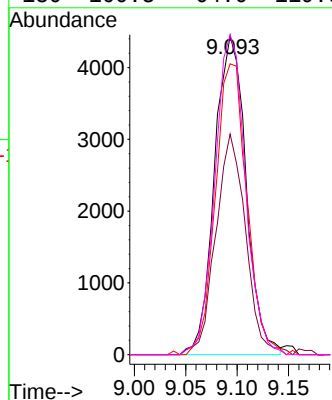
Ion Ratio Lower Upper

95 100

97 69.2 44.9 83.3

132 91.2 59.7 110.9

130 100.3 64.0 119.0



#35

Methylcyclohexane

Concen: 2.330 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

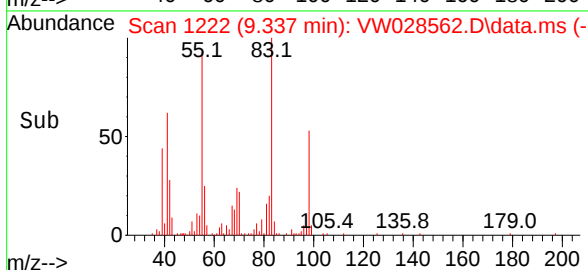
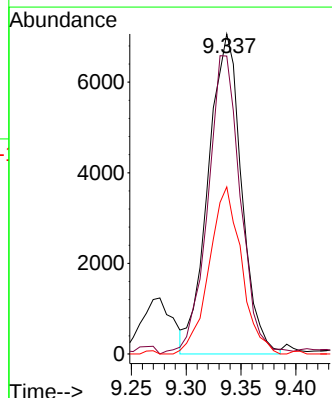
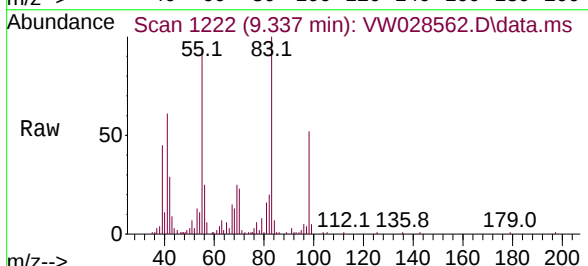
Tgt Ion: 83 Resp: 14929

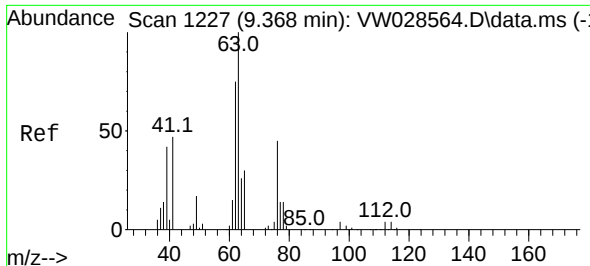
Ion Ratio Lower Upper

83 100

55 91.3 66.9 100.3

98 50.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 0.370 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.098 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

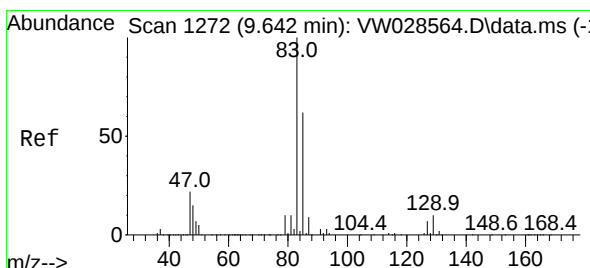
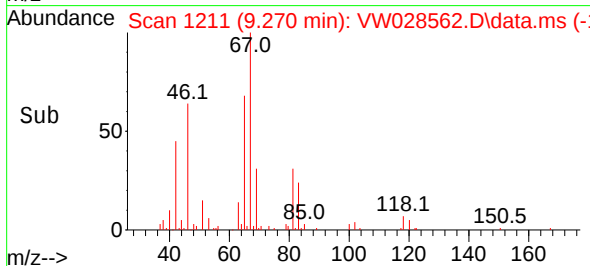
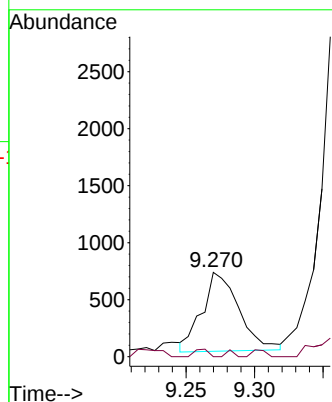
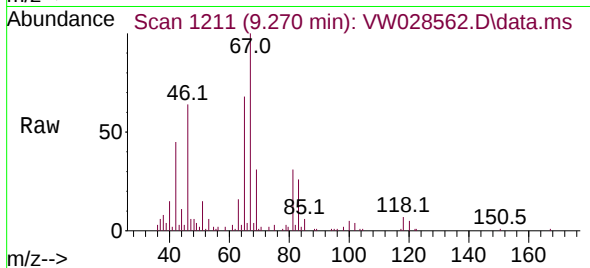
ClientSampleId :

Tgt Ion: 63 Resp: 1303

Ion Ratio Lower Upper

63 100

112 3.5 3.5 5.3



#38

Bromodichloromethane

Concen: 2.499 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

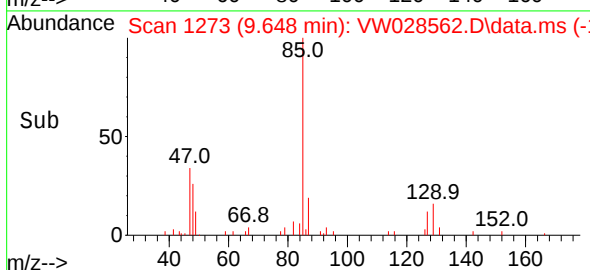
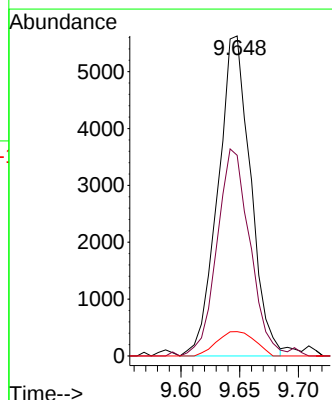
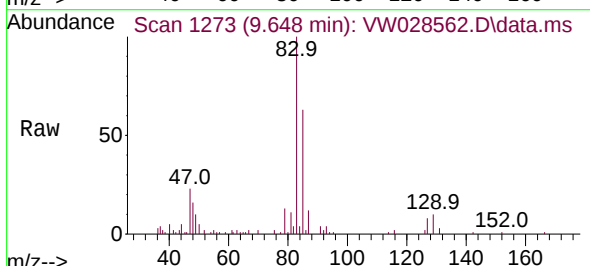
Tgt Ion: 83 Resp: 10853

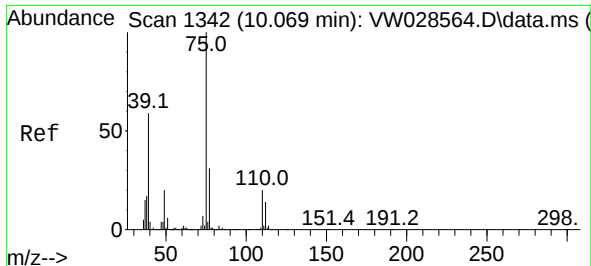
Ion Ratio Lower Upper

83 100

85 62.7 43.0 80.0

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 2.182 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

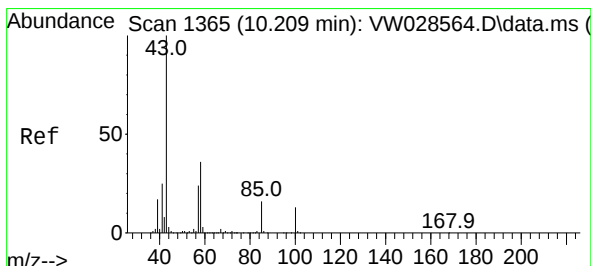
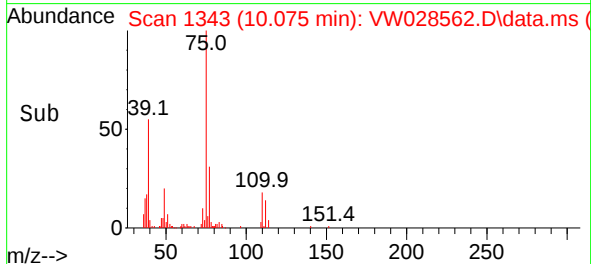
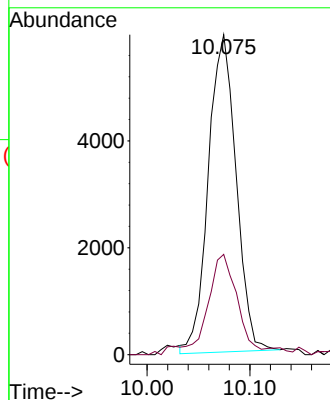
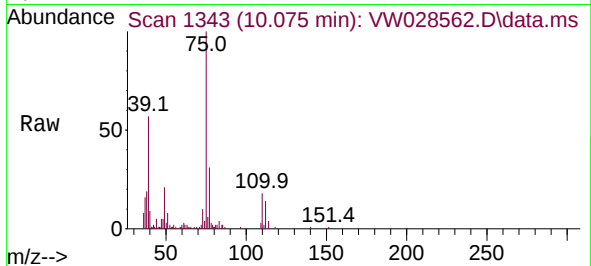
ClientSampleId :

Tgt Ion: 75 Resp: 11143

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 4.719 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

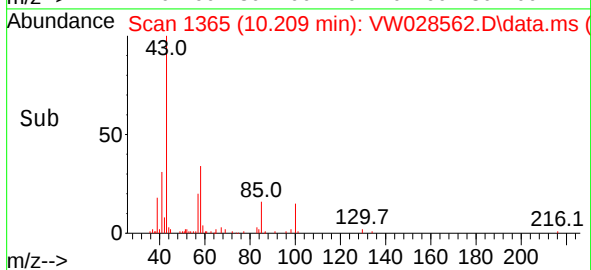
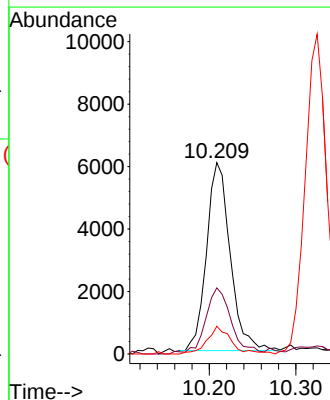
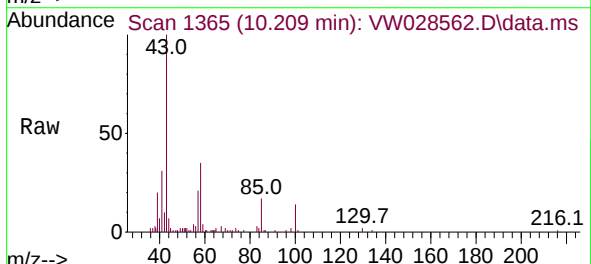
Tgt Ion: 43 Resp: 11442

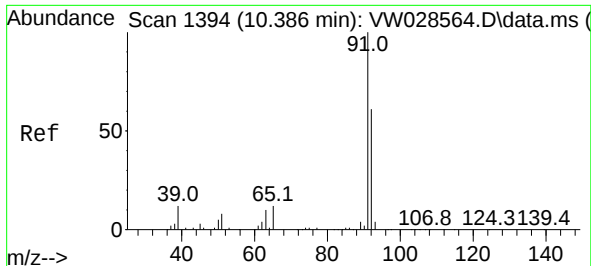
Ion Ratio Lower Upper

43 100

58 35.2 29.2 43.8

100 13.7 11.0 16.4





#42

Toluene

Concen: 2.421 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

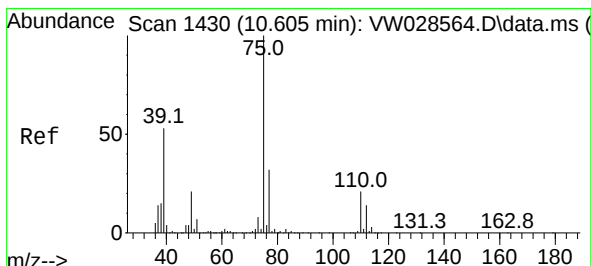
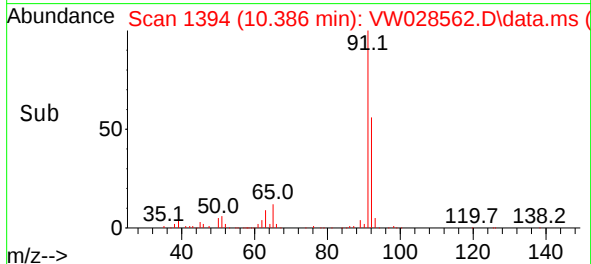
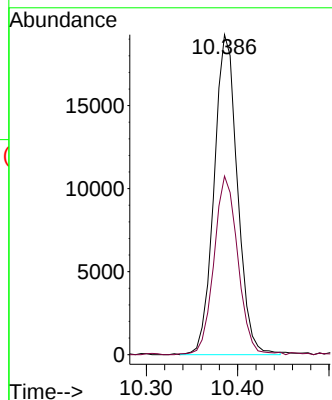
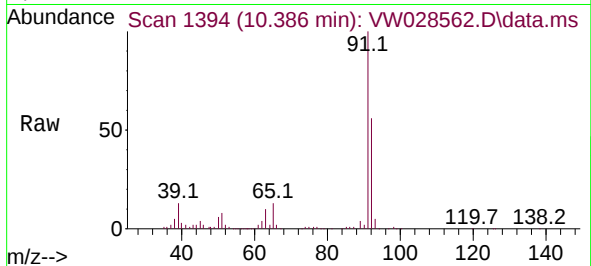
ClientSampleId :

Tgt Ion: 91 Resp: 34189

Ion Ratio Lower Upper

91 100

92 55.8 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 2.202 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028562.D

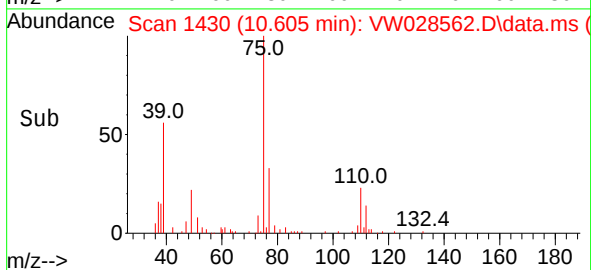
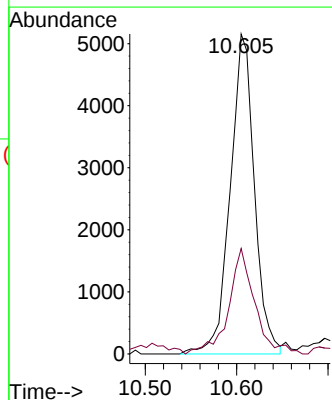
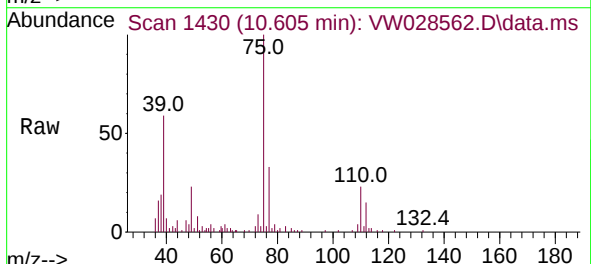
Acq: 02 May 2024 10:12

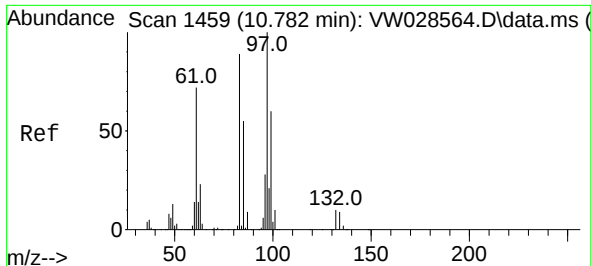
Tgt Ion: 75 Resp: 9481

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 2.640 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

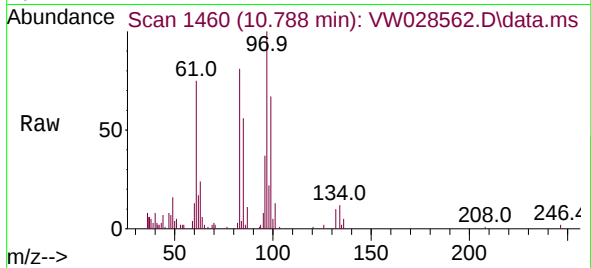
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 6814

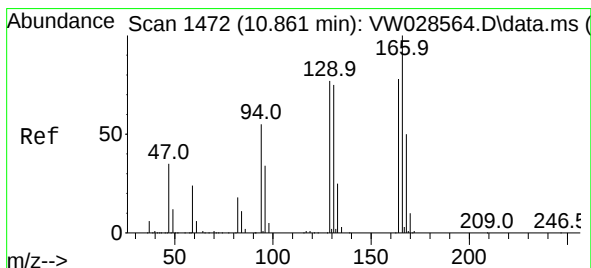
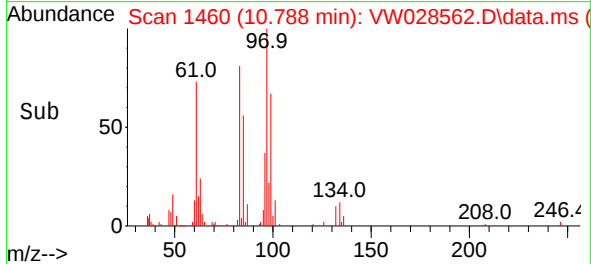
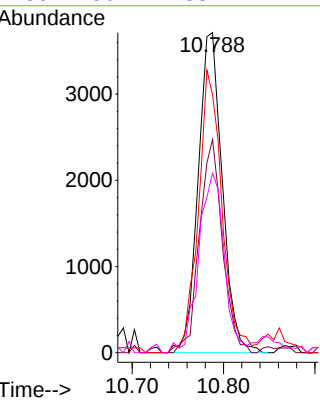
Ion Ratio Lower Upper

97 100

99 66.6 41.9 77.9

83 80.7 62.1 115.3

85 56.1 38.4 71.4



#46

Tetrachloroethene

Concen: 2.609 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion:164 Resp: 6893

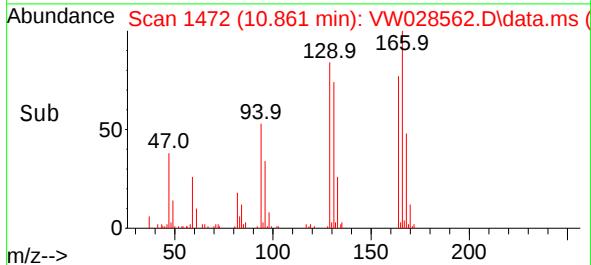
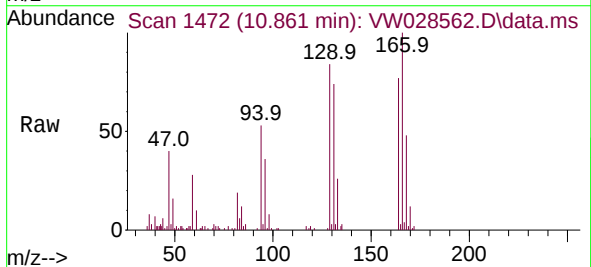
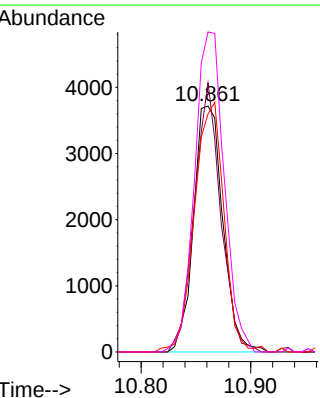
Ion Ratio Lower Upper

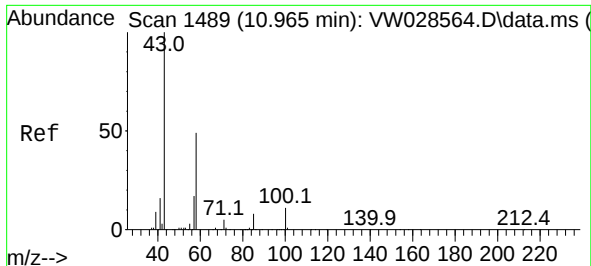
164 100

129 109.4 69.2 128.6

131 96.8 67.7 125.7

166 130.1 89.7 166.7





#48

2-Hexanone

Concen: 4.341 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

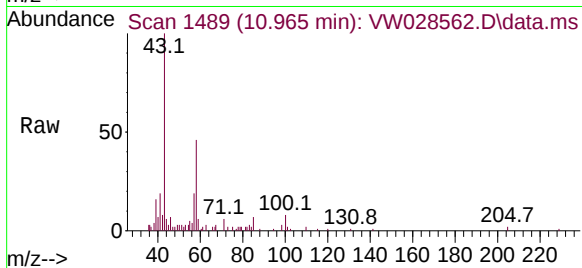
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 7432

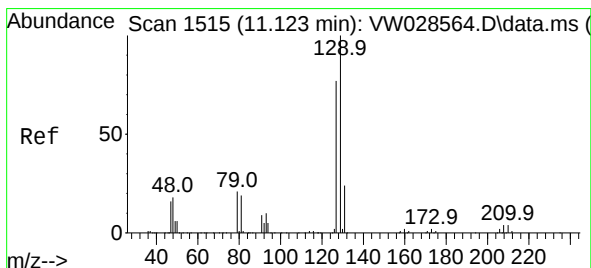
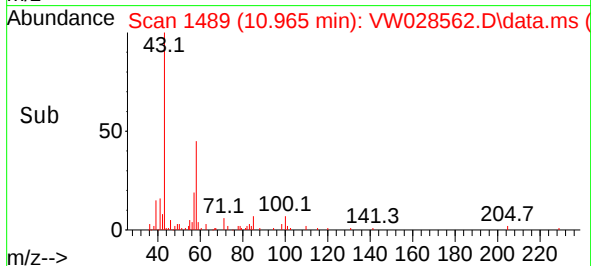
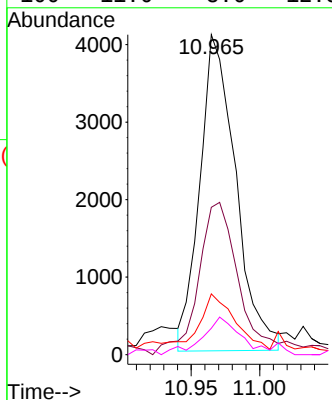
Ion Ratio Lower Upper

43 100

58 55.3 41.0 61.4

57 19.3 14.8 22.2

100 11.6 8.6 12.8



#49

Dibromochloromethane

Concen: 2.432 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028562.D

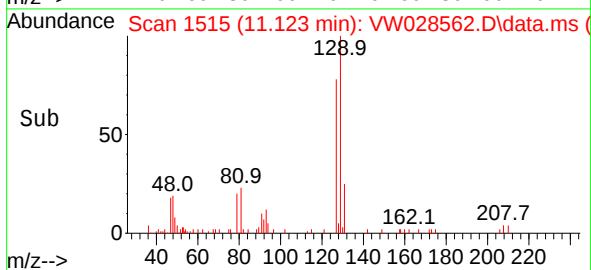
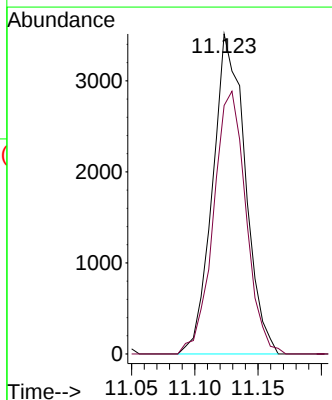
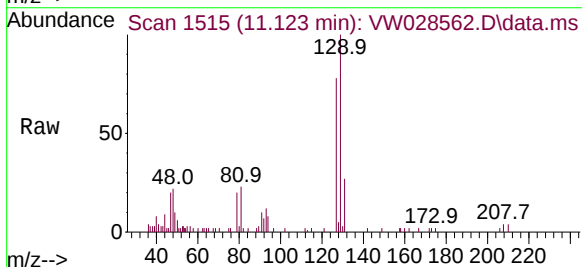
Acq: 02 May 2024 10:12

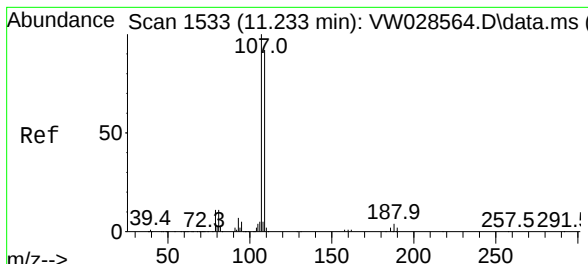
Tgt Ion: 129 Resp: 6295

Ion Ratio Lower Upper

129 100

127 77.7 54.3 100.8



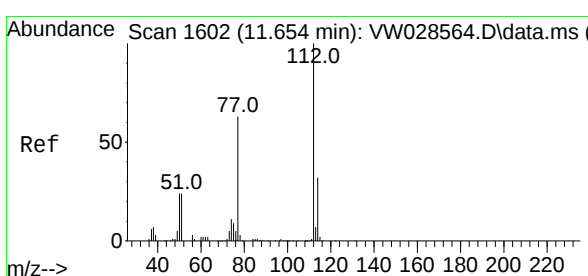
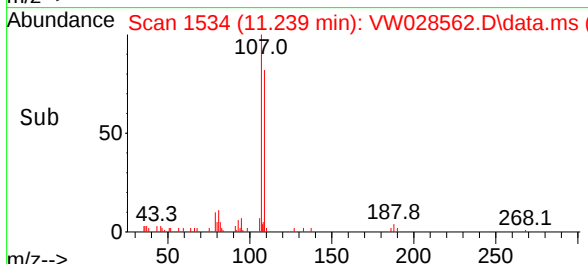
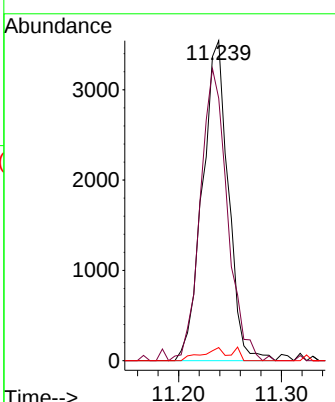
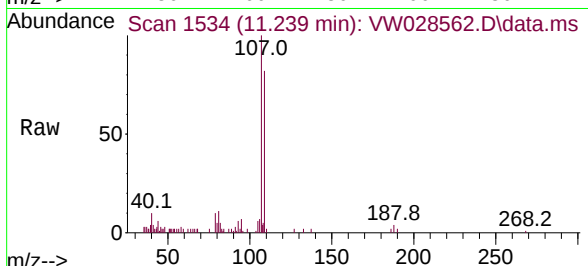


#50
1,2-Dibromoethane
Concen: 2.564 ug/L
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 6198

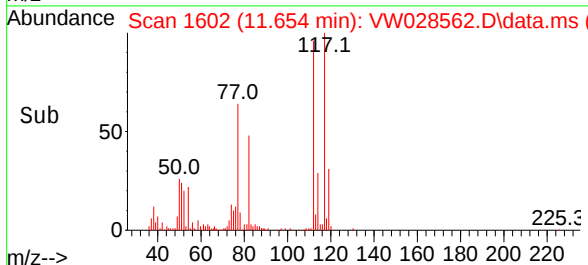
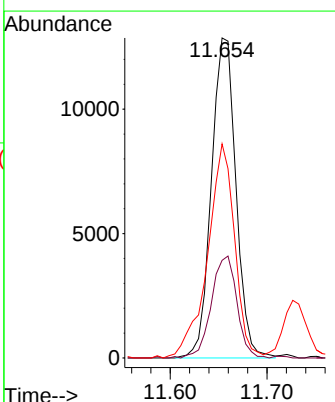
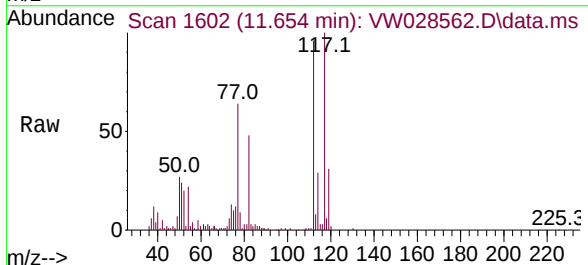
Ion	Ratio	Lower	Upper
107	100		
109	82.0	64.2	119.2
188	4.1	3.1	4.7

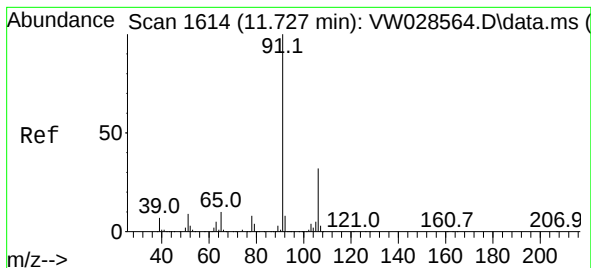


#51
Chlorobenzene
Concen: 2.596 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Tgt Ion:112 Resp: 22677

Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.2	41.2
77	66.9	50.8	76.2

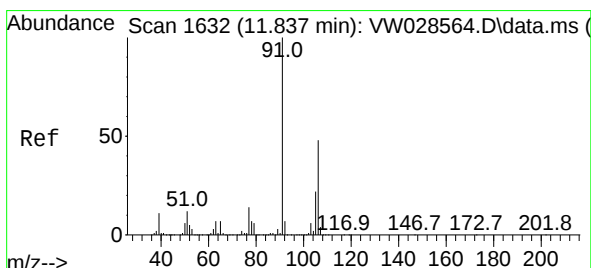
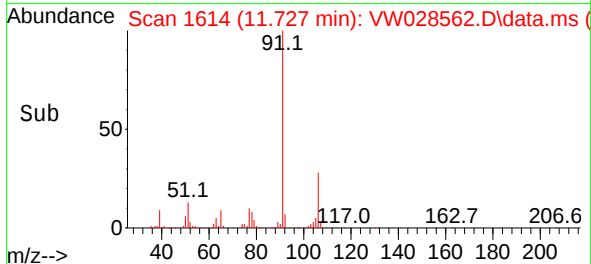
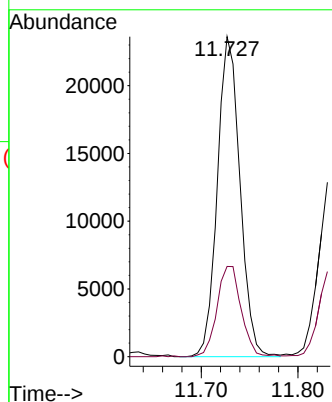
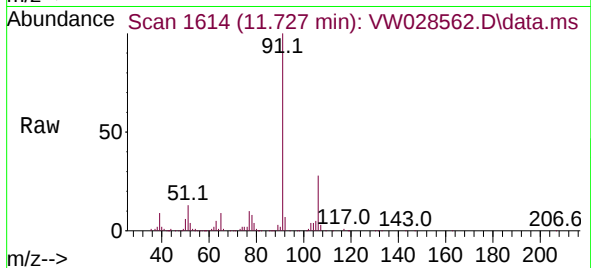




#52
Ethylbenzene
Concen: 2.398 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

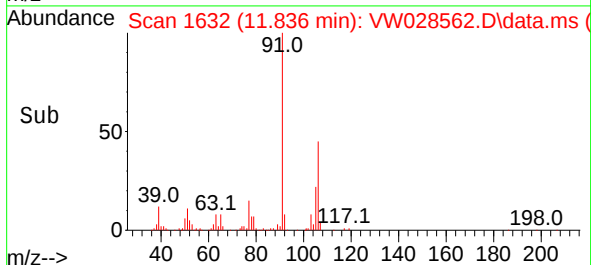
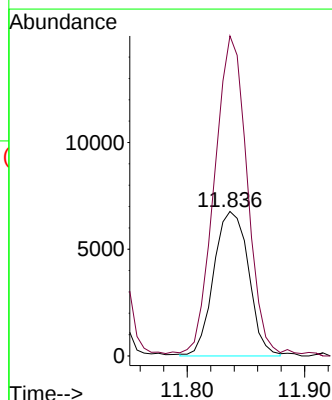
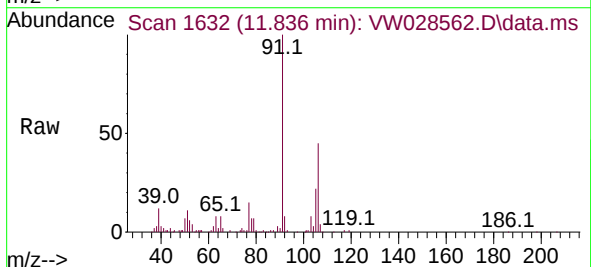
Instrument :
MSVOA_W
ClientSampleId :

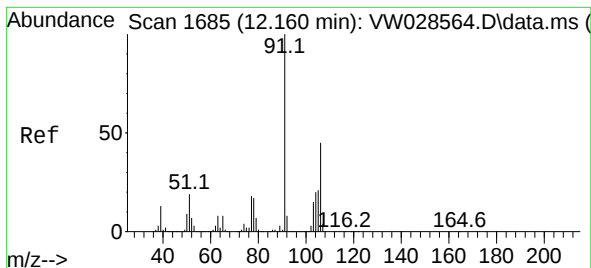
Tgt Ion: 91 Resp: 38319
Ion Ratio Lower Upper
91 100
106 28.2 22.7 42.1



#53
m,p-Xylene
Concen: 2.380 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Tgt Ion:106 Resp: 13942
Ion Ratio Lower Upper
106 100
91 221.5 146.6 272.2





#54

o-Xylene

Concen: 2.204 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

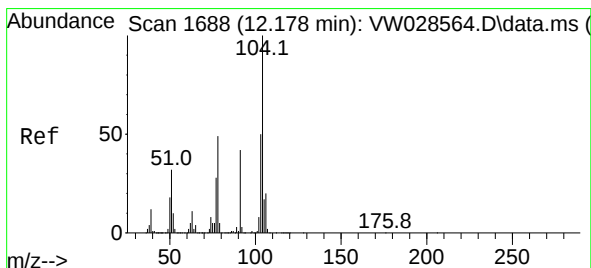
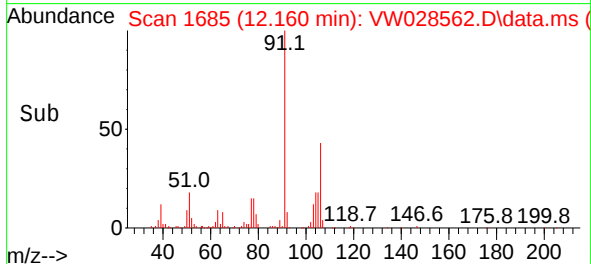
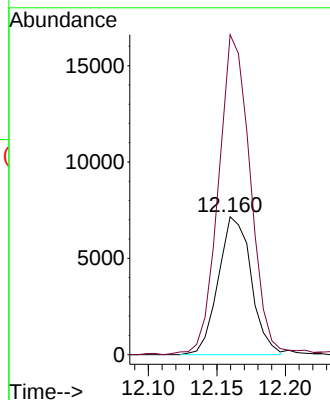
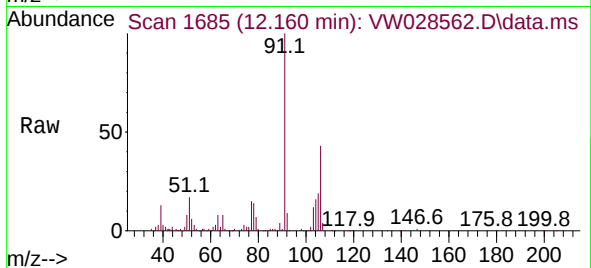
ClientSampleId :

Tgt Ion:106 Resp: 11945

Ion Ratio Lower Upper

106 100

91 232.0 154.3 286.5



#55

Styrene

Concen: 2.205 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028562.D

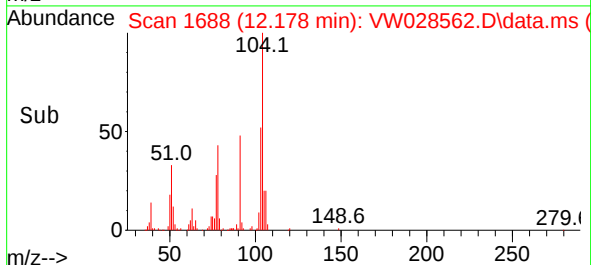
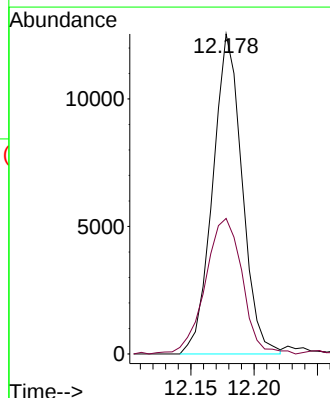
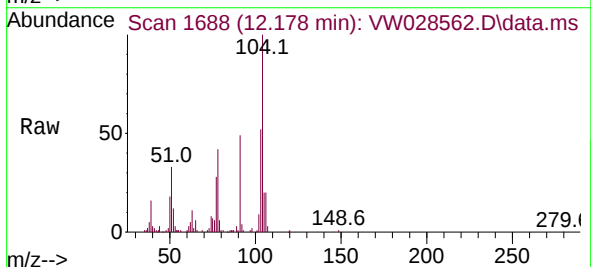
Acq: 02 May 2024 10:12

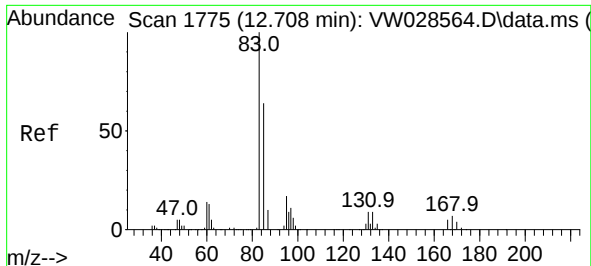
Tgt Ion:104 Resp: 20246

Ion Ratio Lower Upper

104 100

78 42.4 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.618 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028562.D

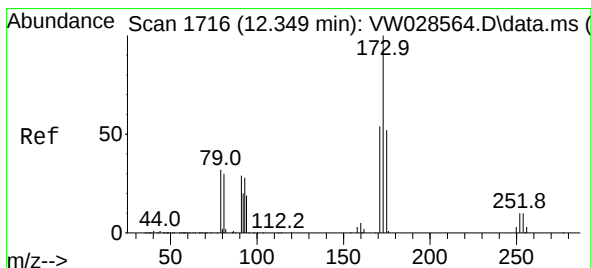
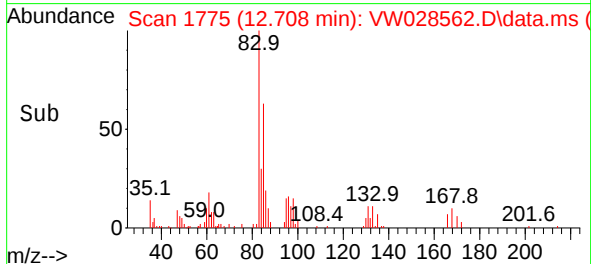
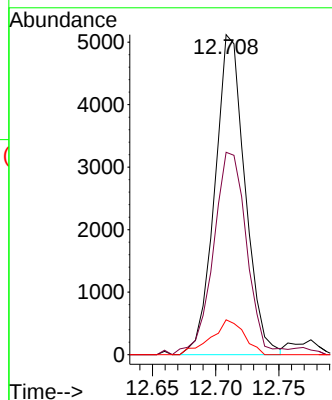
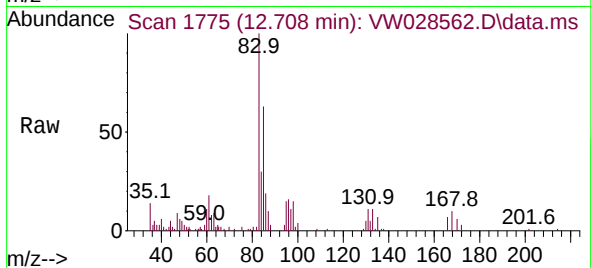
Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	8479
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.6	84.6
131	10.9	7.3	10.9



#59

Bromoform

Concen: 2.486 ug/L

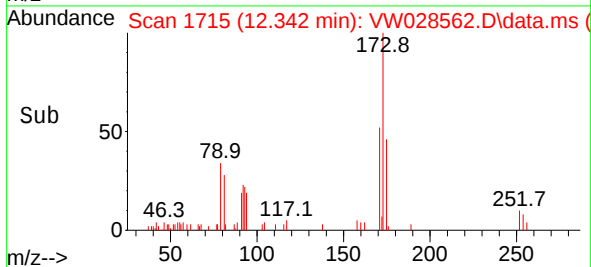
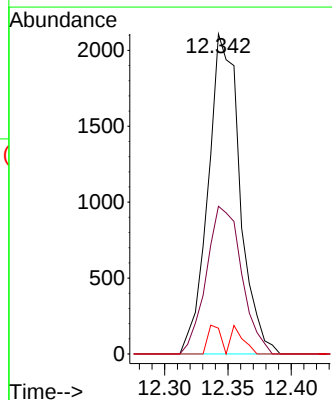
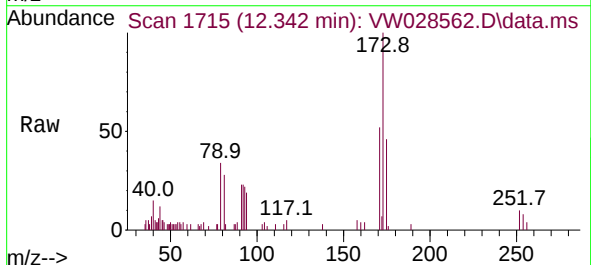
RT: 12.342 min Scan# 1715

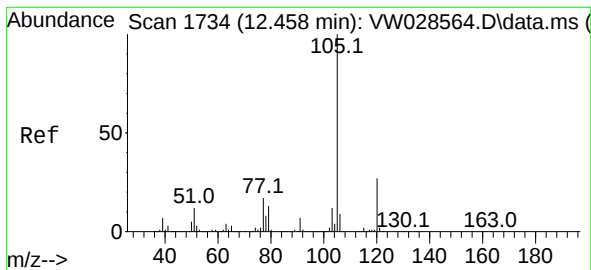
Delta R.T. -0.006 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion:	173	Resp:	3681
Ion	Ratio	Lower	Upper
173	100		
175	51.2	39.8	59.8
254	3.6	7.1	10.7#





#60

Isopropylbenzene

Concen: 2.196 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028562.D

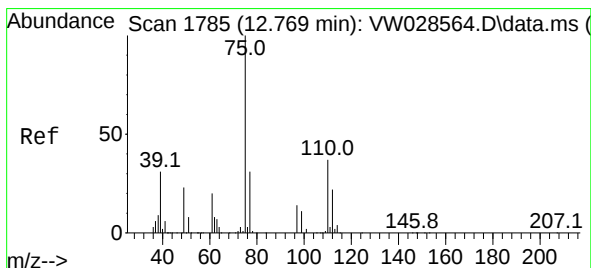
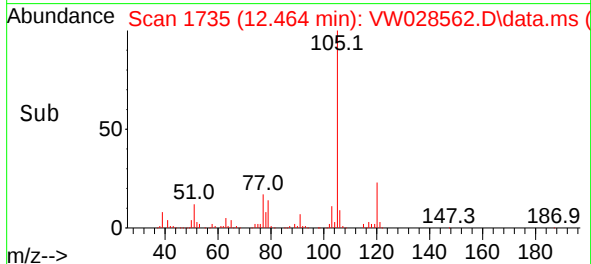
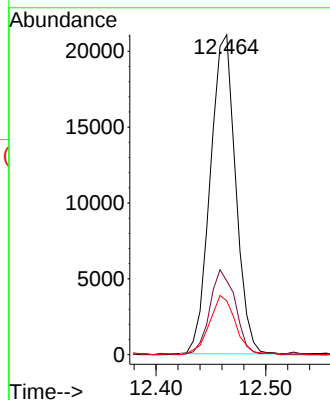
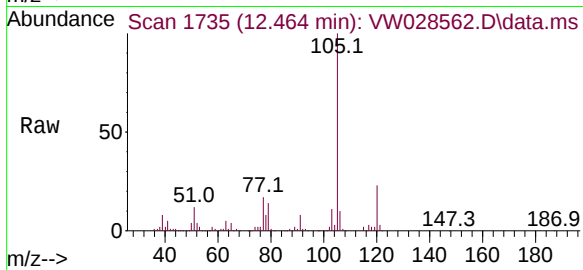
Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	33826
Ion Ratio	Lower	Upper
105	100	
120	26.7	20.5 30.7
77	19.1	13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 2.734 ug/L

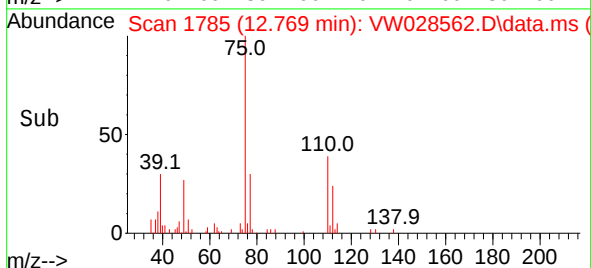
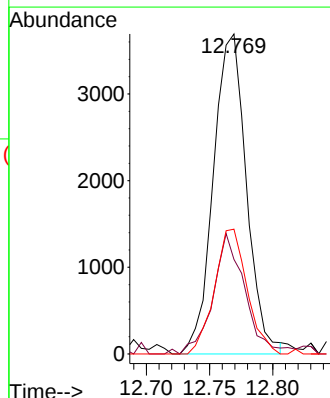
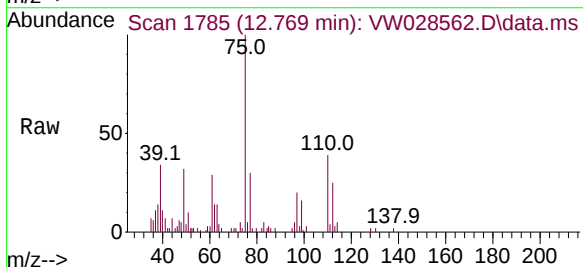
RT: 12.769 min Scan# 1785

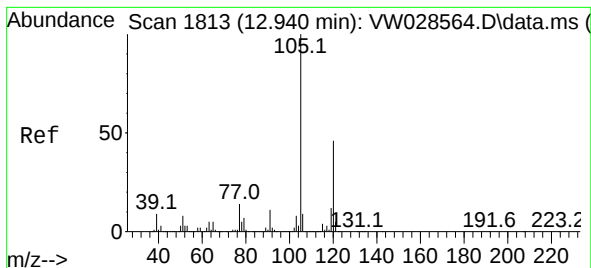
Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion: 75	Resp:	6708
Ion Ratio	Lower	Upper
75	100	
77	35.6	25.9 38.9
110	38.4	30.6 45.8

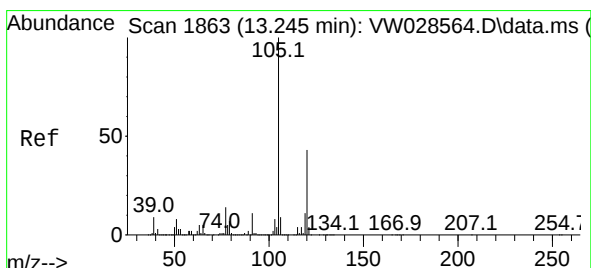
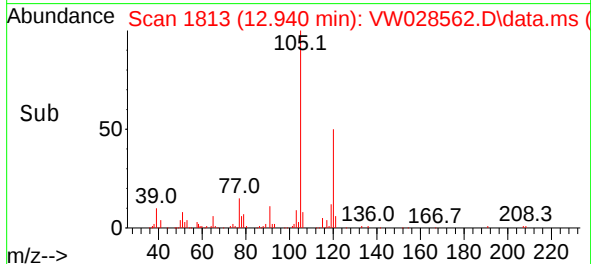
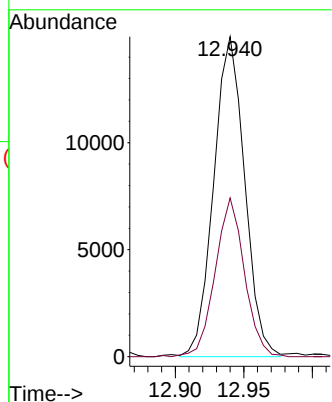
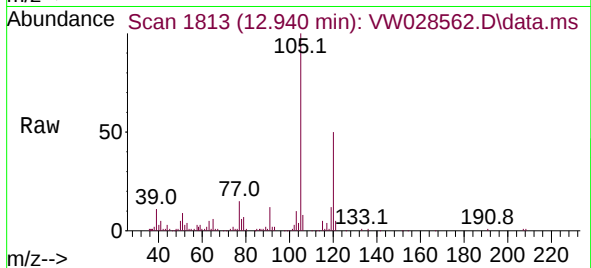




#62
1,3,5-Trimethylbenzene
Concen: 2.153 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

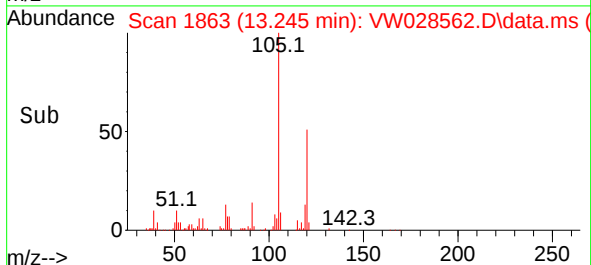
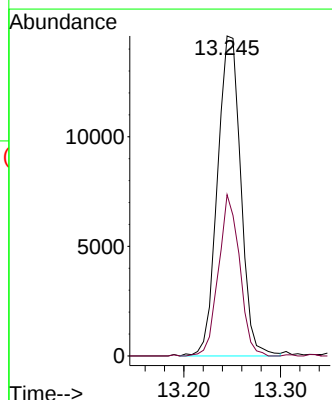
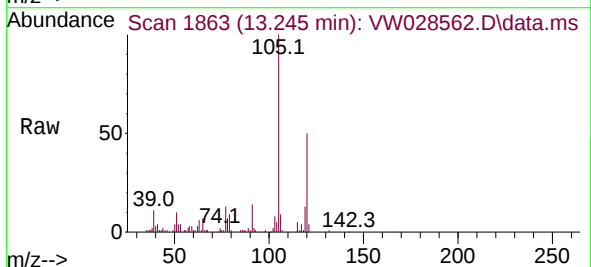
Instrument :
MSVOA_W
ClientSampleId :

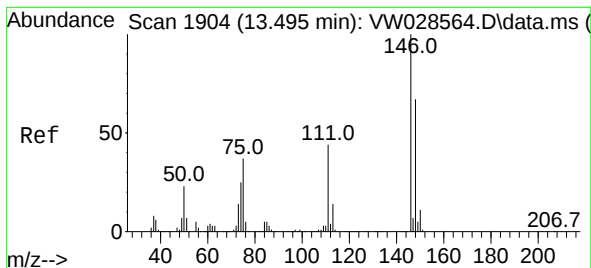
Tgt Ion:105 Resp: 23456
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 2.084 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028562.D
Acq: 02 May 2024 10:12

Tgt Ion:105 Resp: 24461
Ion Ratio Lower Upper
105 100
120 45.6 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 2.529 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

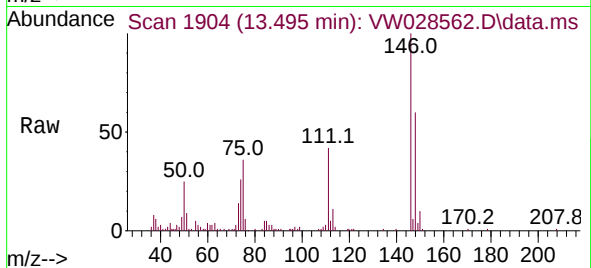
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



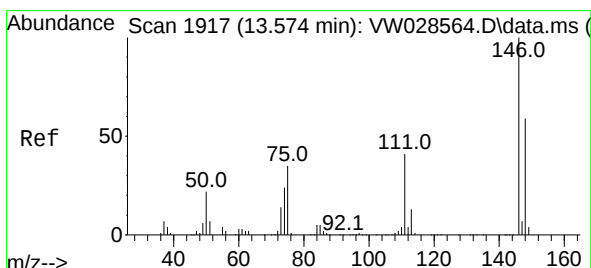
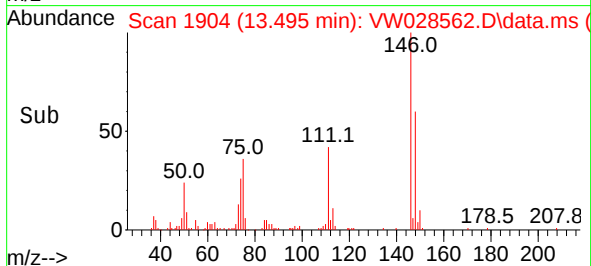
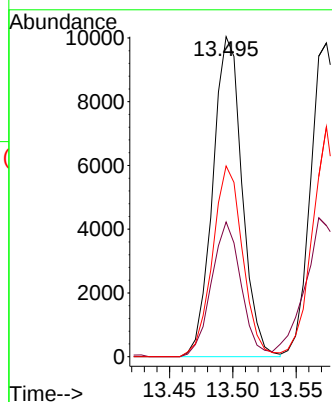
Tgt Ion:146 Resp: 16202

Ion Ratio Lower Upper

146 100

111 42.1 30.7 57.1

148 59.6 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 2.538 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

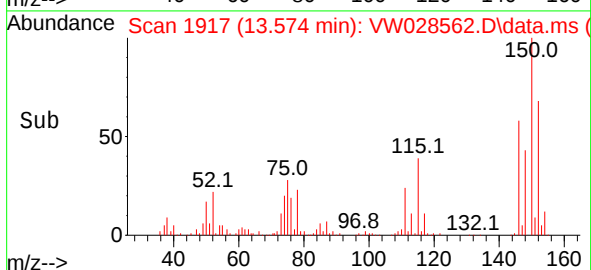
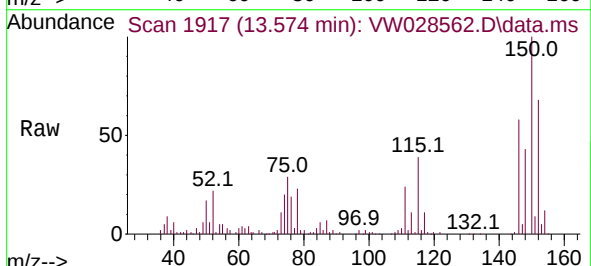
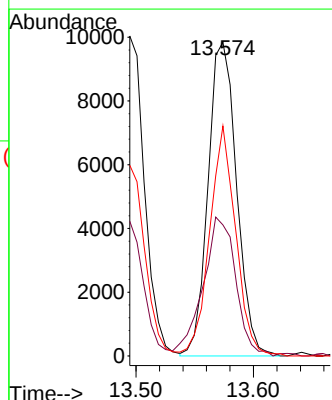
Tgt Ion:146 Resp: 16626

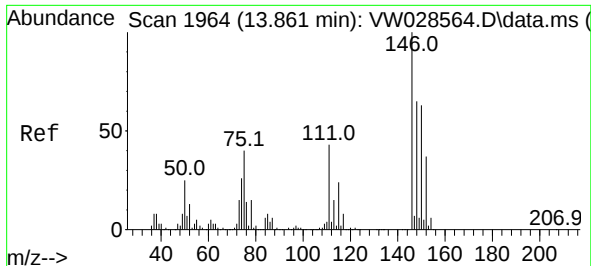
Ion Ratio Lower Upper

146 100

111 41.8 29.1 54.1

148 73.3 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 2.518 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

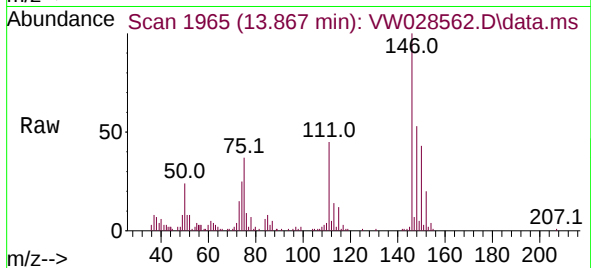
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



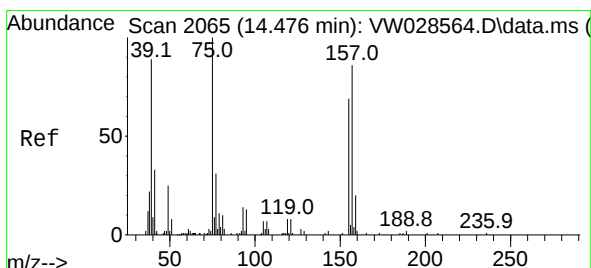
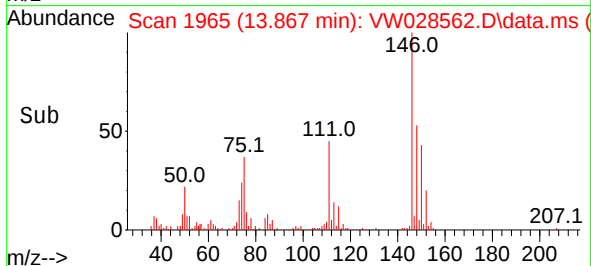
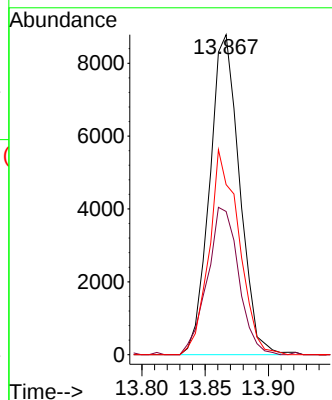
Tgt Ion:146 Resp: 14439

Ion Ratio Lower Upper

146 100

111 44.7 34.7 52.1

148 53.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.865 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

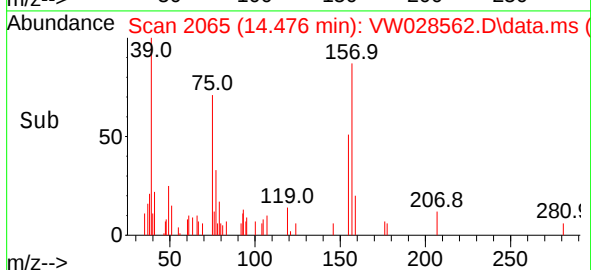
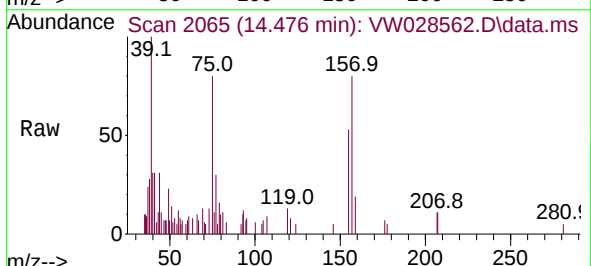
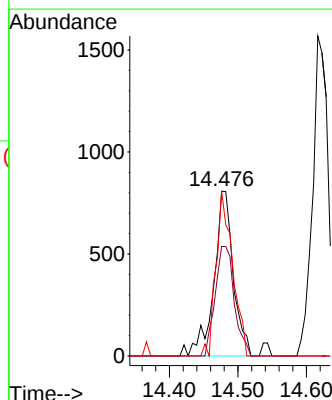
Tgt Ion: 75 Resp: 1643

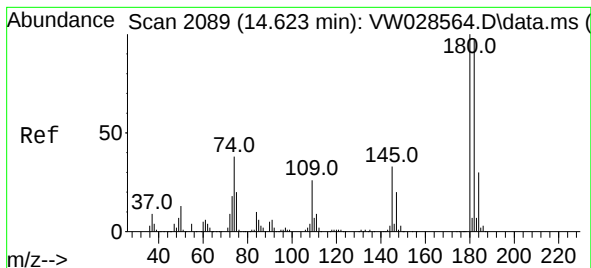
Ion Ratio Lower Upper

75 100

155 66.5 55.1 82.7

157 100.2 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 2.524 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

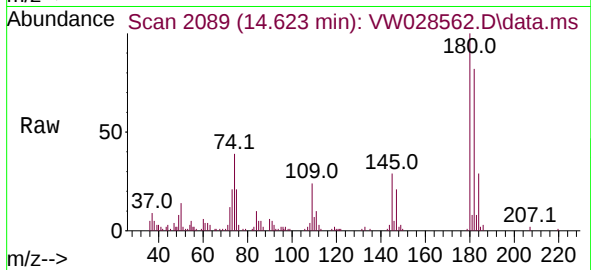
Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 10849

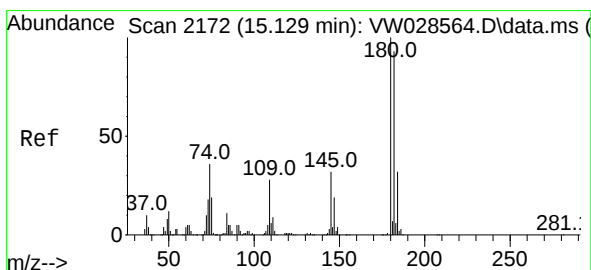
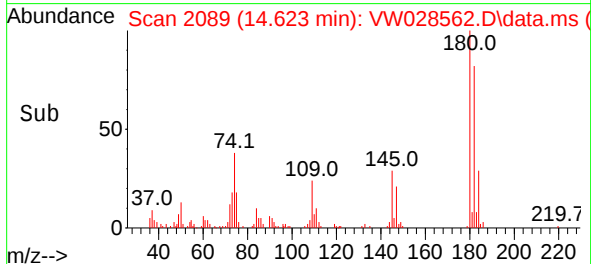
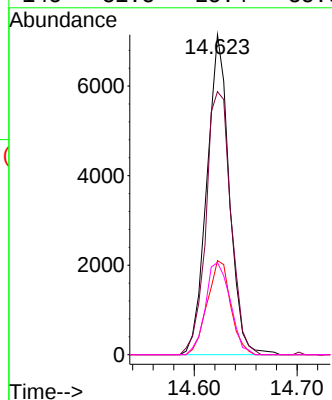
Ion Ratio Lower Upper

180 100

182 91.2 75.4 113.2

184 30.7 24.0 36.0

145 31.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 2.342 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

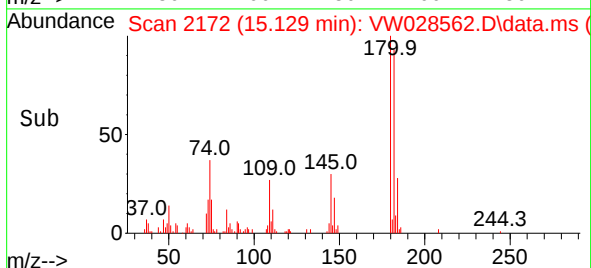
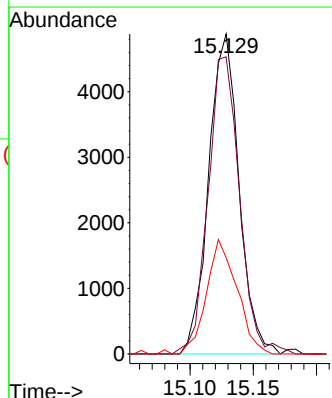
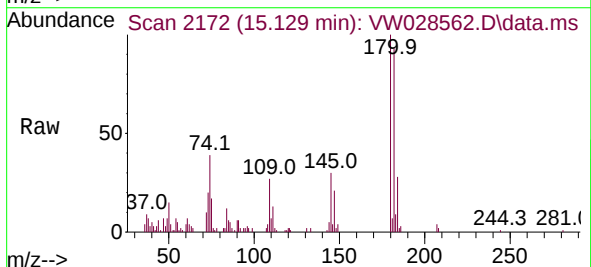
Tgt Ion:180 Resp: 8134

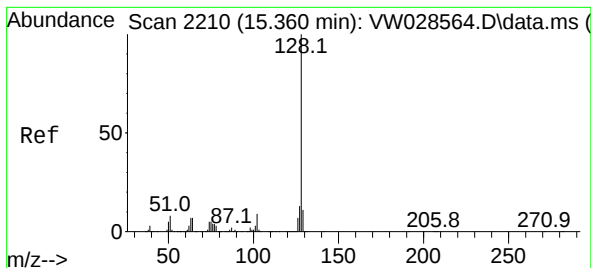
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 36.1 26.6 39.8





#71

Naphthalene

Concen: 2.094 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Instrument :

MSVOA_W

ClientSampleId :

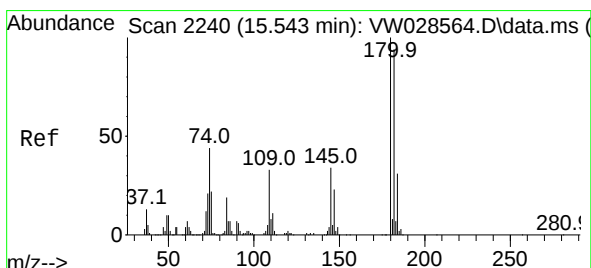
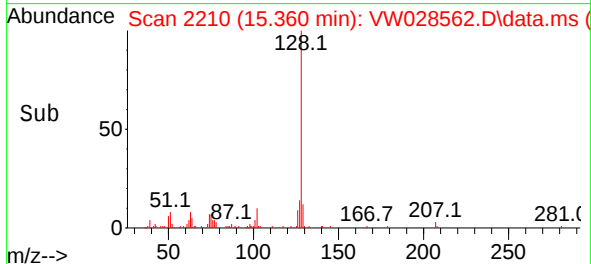
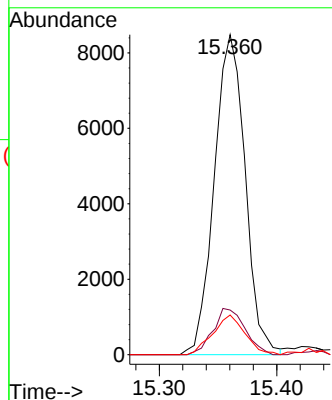
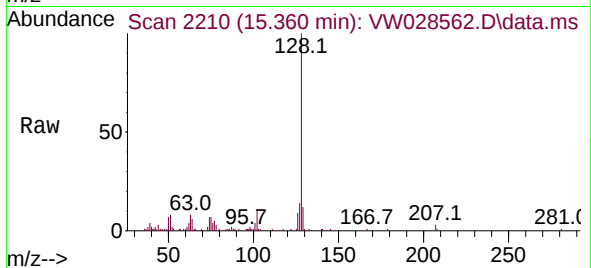
Tgt Ion:128 Resp: 15497

Ion Ratio Lower Upper

128 100

127 15.0 10.6 15.8

129 12.9 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 2.521 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW028562.D

Acq: 02 May 2024 10:12

Tgt Ion:180 Resp: 7901

Ion Ratio Lower Upper

180 100

182 92.3 76.1 114.1

145 34.4 28.3 42.5

