

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031224\
 Data File : VW028149.D
 Acq On : 12 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 13 01:06:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 12 01:08:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	72448	24.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.905	69	60200	25.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.240%
11) 1,1-Dichloroethene-d2	4.027	65	31876	25.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.680%
21) 2-Butanone-d5	7.081	46	24381	56.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.520%
24) Chloroform-d	7.648	84	150091	28.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.360%
26) 1,2-Dichloroethane-d4	8.307	65	70174	28.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.880%
32) Benzene-d6	8.276	84	288805	26.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.040%
36) 1,2-Dichloropropane-d6	9.276	67	75391	27.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.160%
41) Toluene-d8	10.324	98	276260	27.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.640%
43) trans-1,3-Dichloroprop...	10.574	79	34698	28.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.600%
47) 2-Hexanone-d5	10.922	63	23347	59.449	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62327	28.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.280%
66) 1,2-Dichlorobenzene-d4	13.854	152	97015	25.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	62898	24.406	ug/L	95
3) Chloromethane	2.228	50	55287	22.563	ug/L	98
5) Vinyl chloride	2.375	62	82160	24.060	ug/L	99
6) Bromomethane	2.795	94	62871	23.078	ug/L	92
8) Chloroethane	2.942	64	53348	24.876	ug/L	100
9) Trichlorofluoromethane	3.271	101	77309	24.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82581	24.939	ug/L	98
12) 1,1-Dichloroethene	4.051	96	75005	23.919	ug/L	91
13) Acetone	4.130	43	27529	45.850	ug/L	100
14) Carbon disulfide	4.399	76	219011	22.928	ug/L	99
15) Methyl Acetate	4.673	43	20176	23.775	ug/L	98
16) Methylene chloride	4.929	84	77756	22.408	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	79622	23.763	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	100402	24.467	ug/L #	89
19) 1,1-Dichloroethane	6.215	63	130772	24.683	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	84988	24.102	ug/L	96
22) 2-Butanone	7.173	43	30357	45.272	ug/L	98
23) Bromochloromethane	7.514	128	39732	24.001	ug/L	98
25) Chloroform	7.679	83	147032	24.847	ug/L	99

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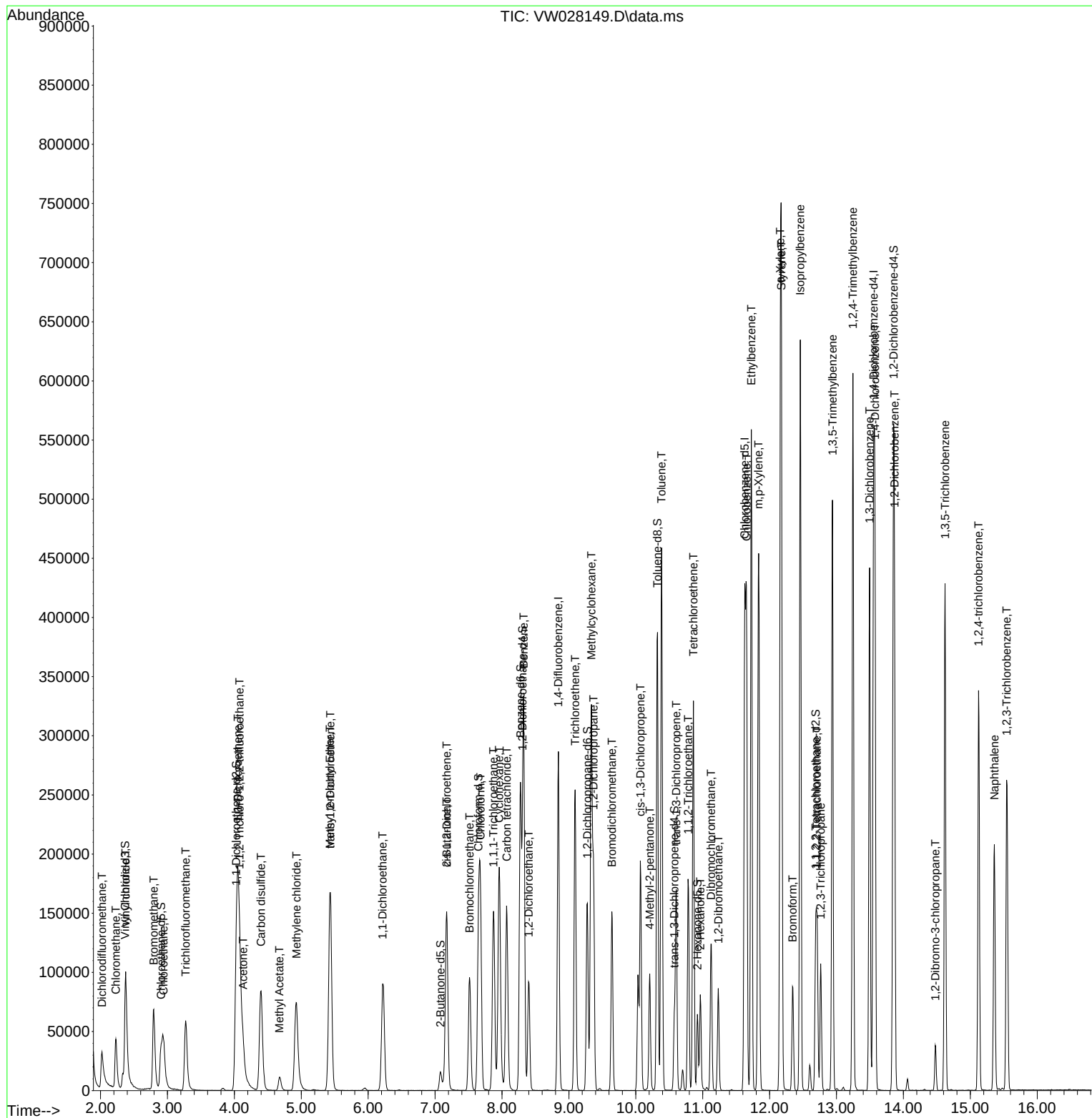
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88765	25.226	ug/L	100
29) Cyclohexane	7.959	56	108024	24.301	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131488	25.475	ug/L	100
31) Carbon tetrachloride	8.069	117	123356	25.594	ug/L	97
33) Benzene	8.325	78	305858	24.491	ug/L	100
34) Trichloroethene	9.093	95	88198	24.103	ug/L	93
35) Methylcyclohexane	9.337	83	143587	24.245	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71372	24.541	ug/L	99
38) Bromodichloromethane	9.642	83	103733	24.694	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	119543	24.996	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	56978	49.326	ug/L	98
42) Toluene	10.385	91	356782	25.283	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	99071	25.500	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59175	24.261	ug/L	97
46) Tetrachloroethene	10.861	164	76227	24.856	ug/L	97
48) 2-Hexanone	10.965	43	44727	47.888	ug/L	98
49) Dibromochloromethane	11.123	129	70556	24.884	ug/L	94
50) 1,2-Dibromoethane	11.233	107	56613	24.099	ug/L	100
51) Chlorobenzene	11.653	112	234818	24.939	ug/L	95
52) Ethylbenzene	11.727	91	397854	24.660	ug/L	98
53) m,p-Xylene	11.836	106	154423	24.670	ug/L	98
54) o-Xylene	12.159	106	146817	24.783	ug/L	98
55) Styrene	12.178	104	254130	25.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	65008	24.719	ug/L	97
59) Bromoform	12.342	173	43088	24.213	ug/L	98
60) Isopropylbenzene	12.458	105	413633	24.019	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44328	22.972	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	276106	24.454	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	325320	24.162	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190545	23.941	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	193097	24.032	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	169772	23.681	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	9754	24.067	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	138613	23.600	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	110316	23.388	ug/L	99
71) Naphthalene	15.360	128	189008	24.501	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	97430	24.701	ug/L	95

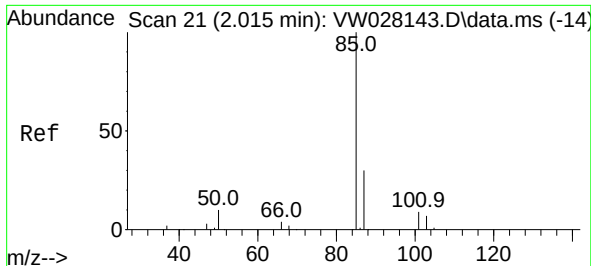
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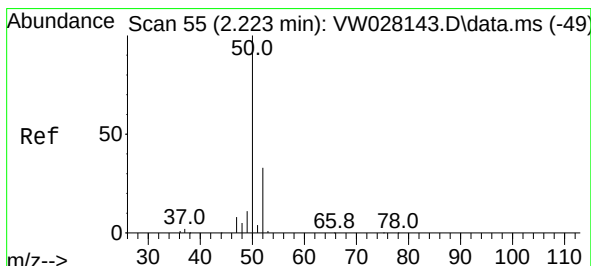
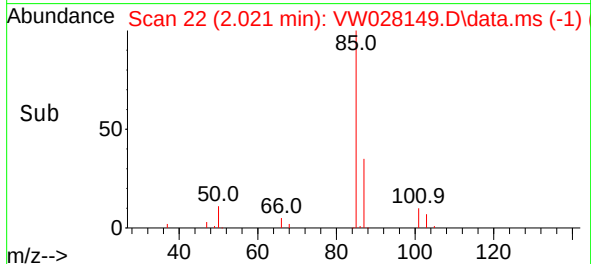
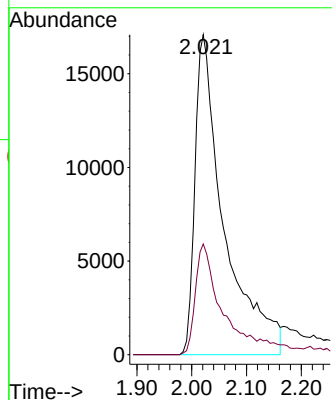
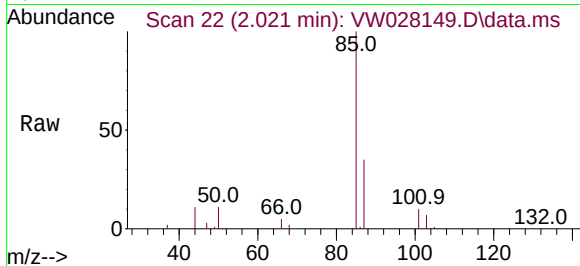




#2
Dichlorodifluoromethane
Concen: 24.406 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

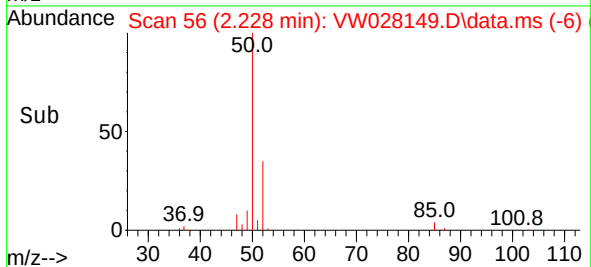
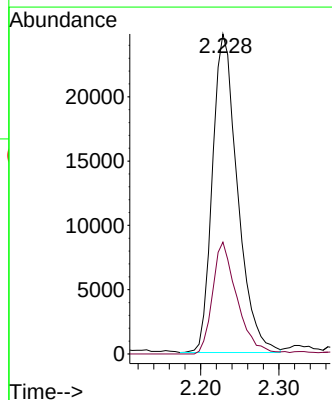
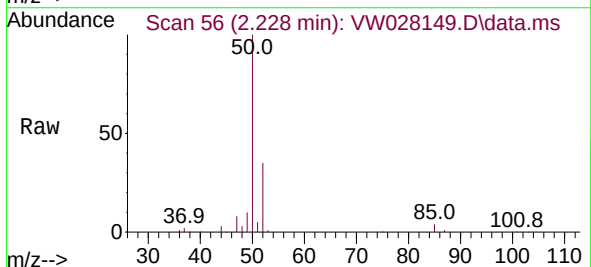
Instrument :
MSVOA_W
ClientSampleId :

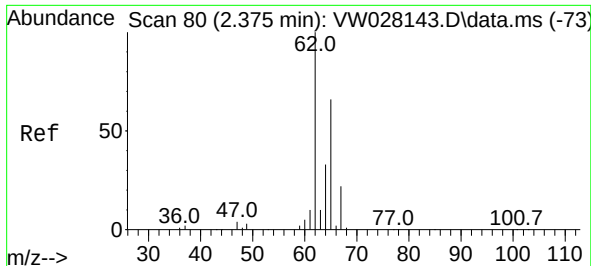
Tgt Ion: 85 Resp: 62898
Ion Ratio Lower Upper
85 100
87 30.4 26.6 39.8



#3
Chloromethane
Concen: 22.563 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion: 50 Resp: 55287
Ion Ratio Lower Upper
50 100
52 35.0 23.7 43.9

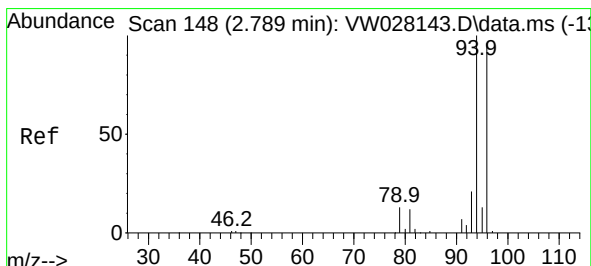
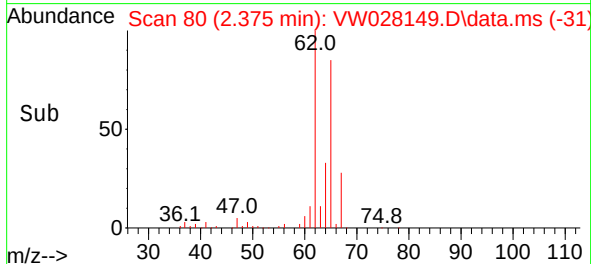
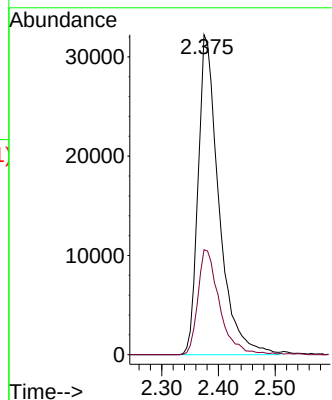
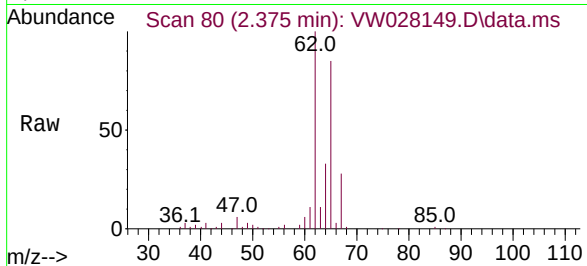




#5
 Vinyl chloride
 Concen: 24.060 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028149.D
 Acq: 12 Mar 2024 09:23

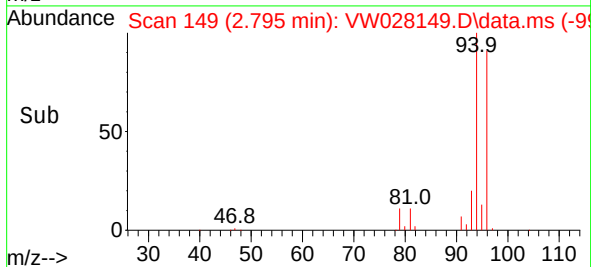
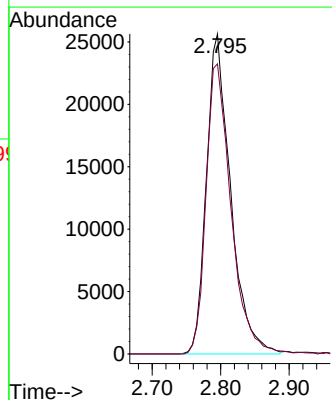
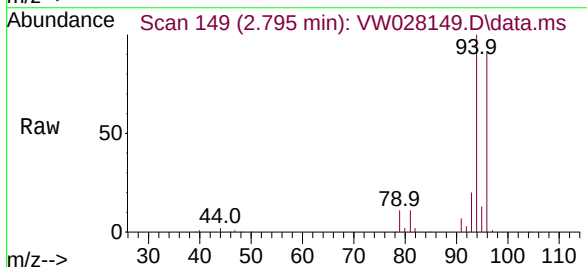
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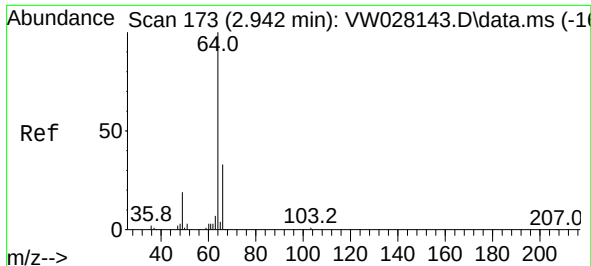
Tgt Ion: 62 Resp: 82160
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 23.078 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028149.D
 Acq: 12 Mar 2024 09:23

Tgt Ion: 94 Resp: 62871
 Ion Ratio Lower Upper
 94 100
 96 90.6 69.1 128.3

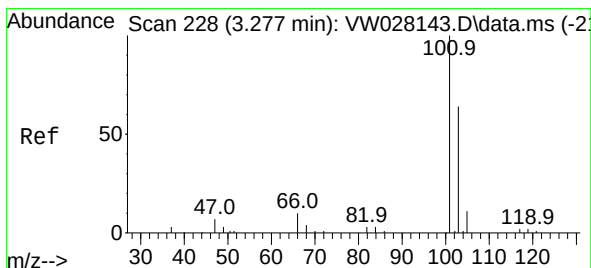
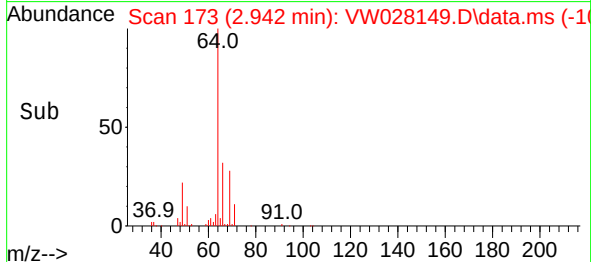
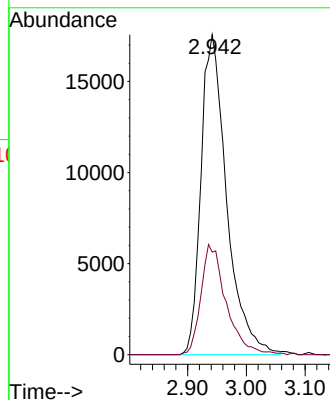
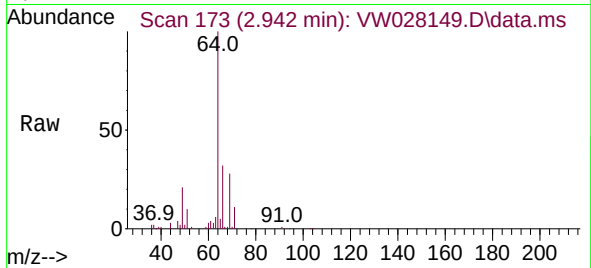




#8
Chloroethane
Concen: 24.876 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

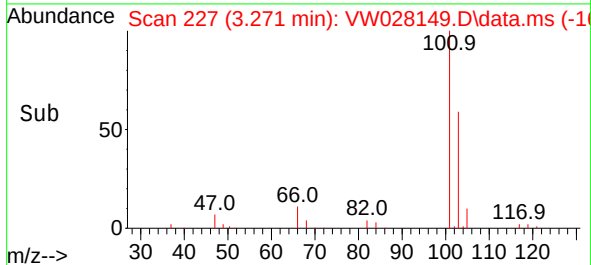
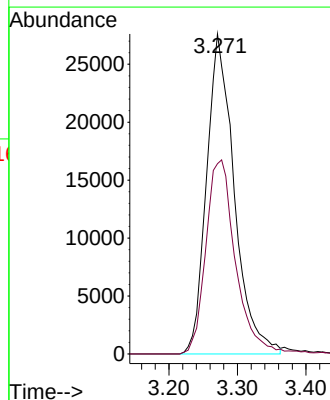
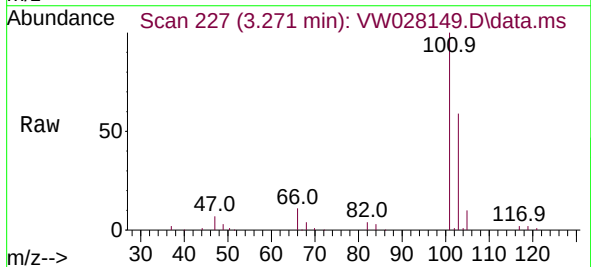
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MSVOA_W
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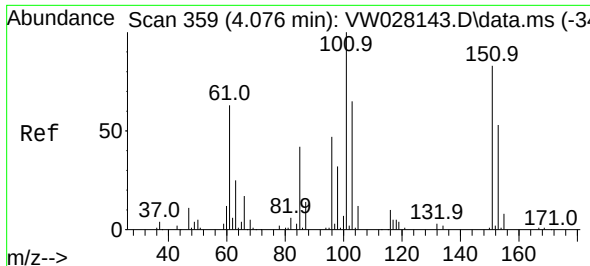
Tgt Ion: 64 Resp: 53348
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 24.272 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion:101 Resp: 77309
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8





#10

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

Concen: 24.939 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

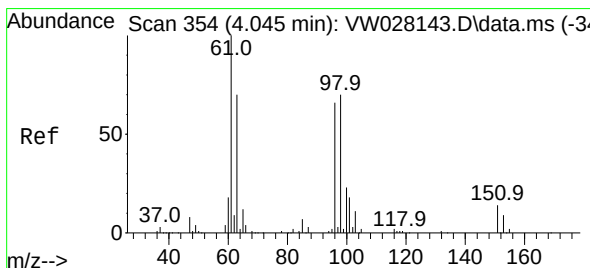
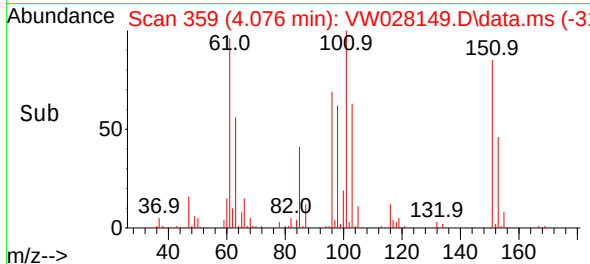
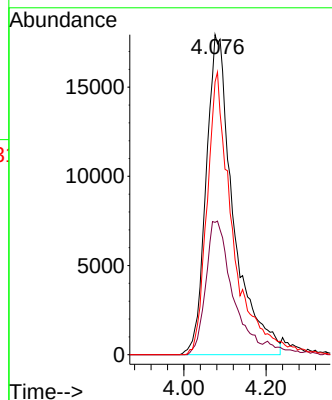
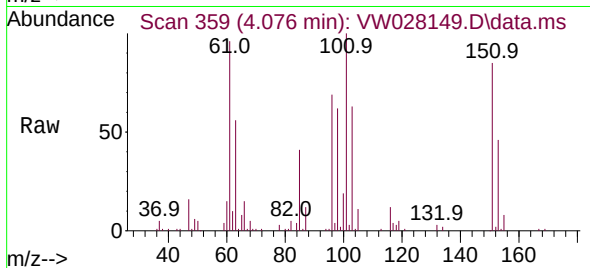
Tgt Ion:101 Resp: 82581

Ion Ratio Lower Upper

101 100

85 40.8 33.1 49.7

151 69.4 53.7 80.5



#12

1,1-Dichloroethene

Concen: 23.919 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

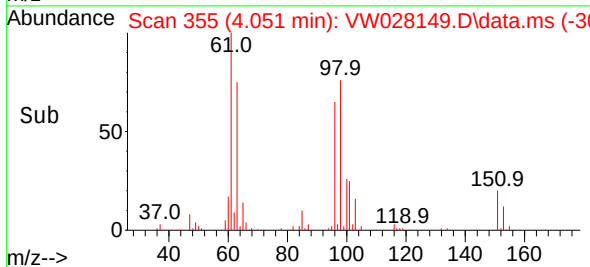
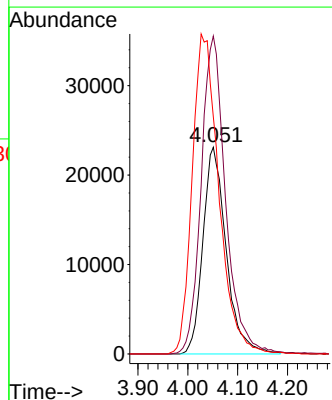
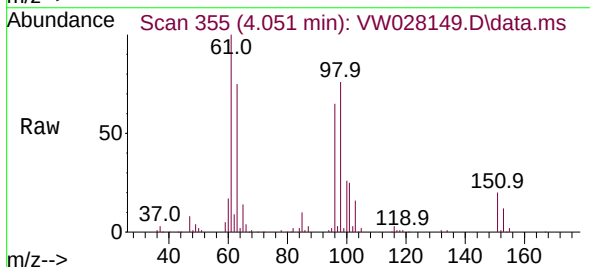
Tgt Ion: 96 Resp: 75005

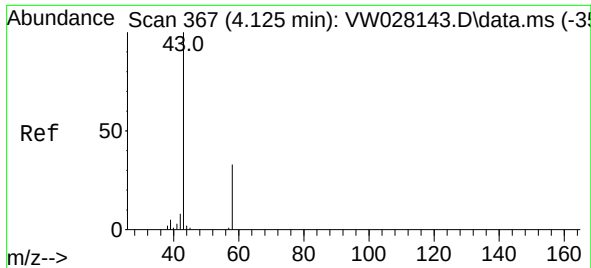
Ion Ratio Lower Upper

96 100

61 153.9 100.5 186.7

63 114.7 72.9 135.5

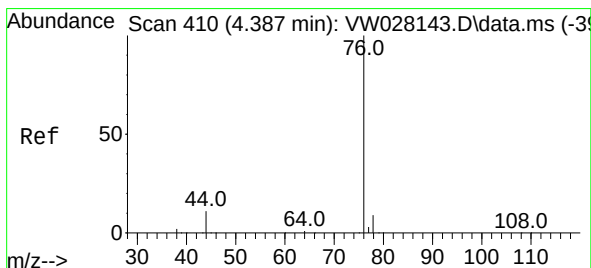
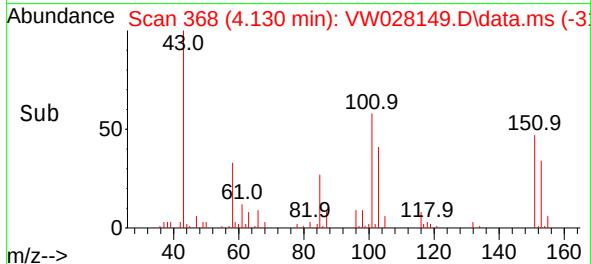
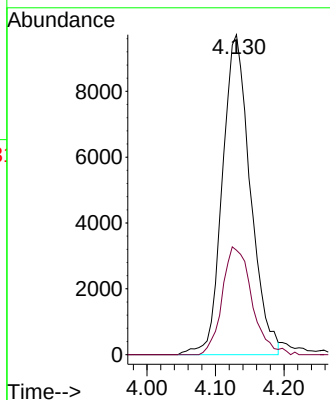
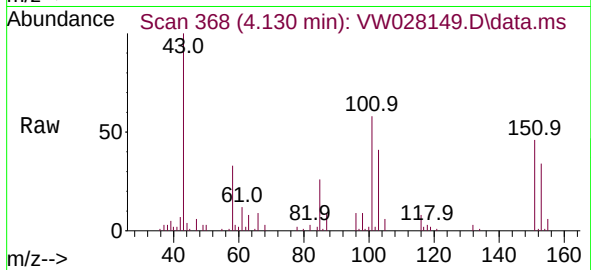




#13
Acetone
Concen: 45.850 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

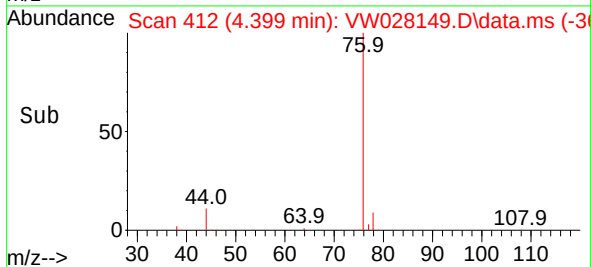
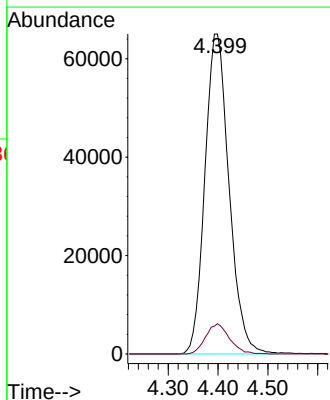
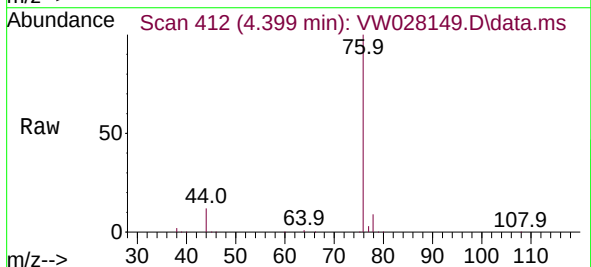
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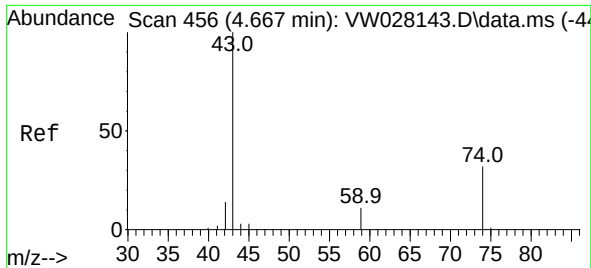
Tgt Ion: 43 Resp: 27529
Ion Ratio Lower Upper
43 100
58 35.2 0.0 70.0



#14
Carbon disulfide
Concen: 22.928 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 219011
Ion Ratio Lower Upper
76 100
78 9.5 7.9 11.9

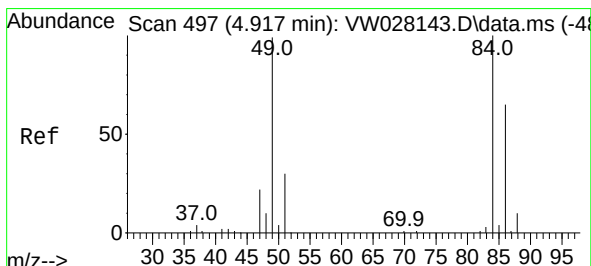
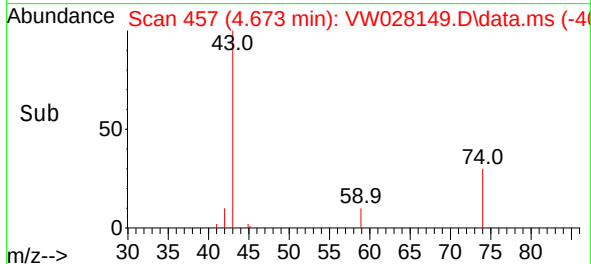
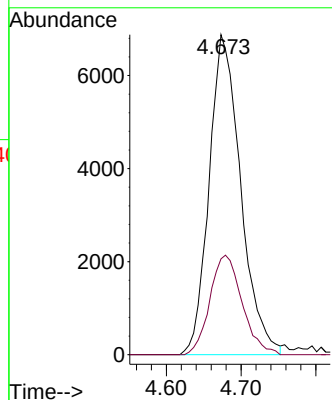
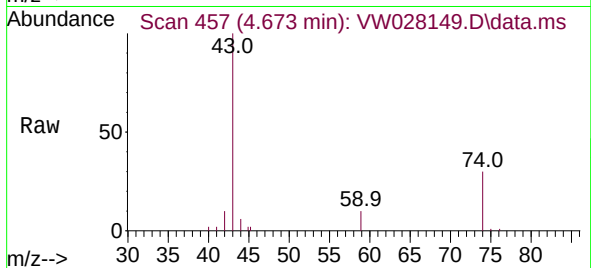




#15
Methyl Acetate
Concen: 23.775 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

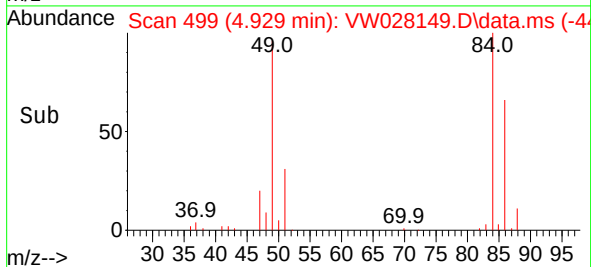
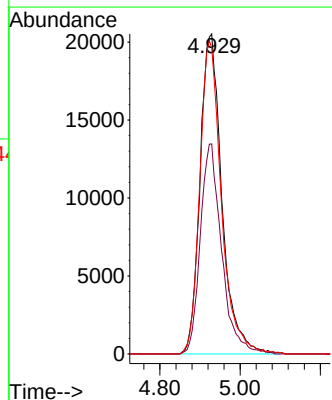
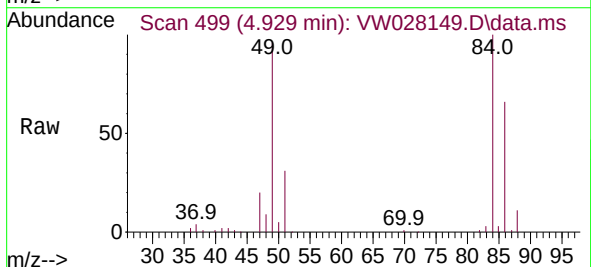
Instrument :
MSVOA_W
ClientSampleId :

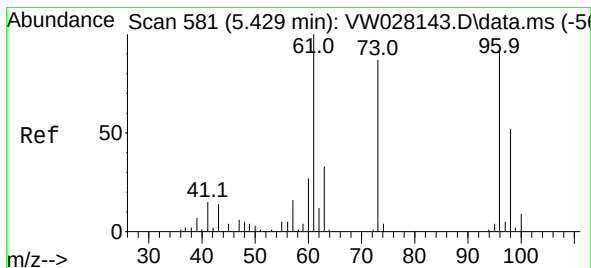
Tgt Ion: 43 Resp: 20176
Ion Ratio Lower Upper
43 100
74 31.7 24.3 36.5



#16
Methylene chloride
Concen: 22.408 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion: 84 Resp: 77756
Ion Ratio Lower Upper
84 100
86 65.7 41.2 76.6
49 95.7 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 23.763 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

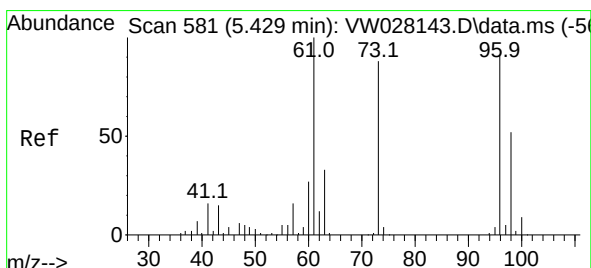
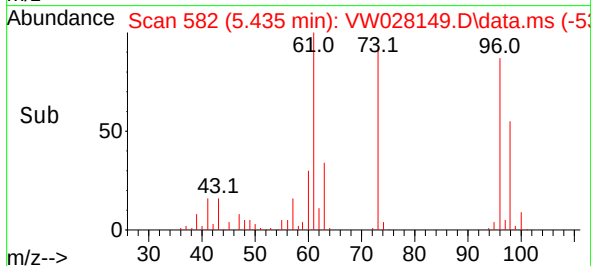
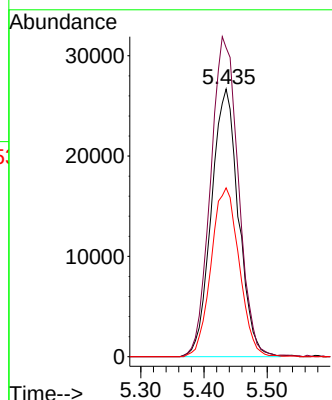
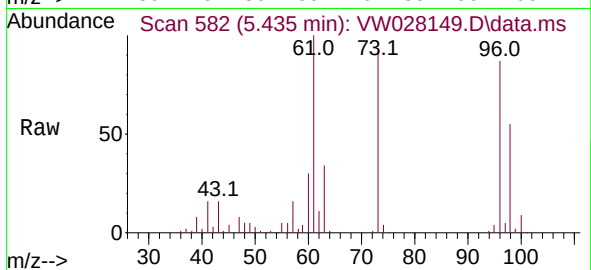
Tgt Ion: 96 Resp: 79622

Ion Ratio Lower Upper

96 100

61 115.4 82.6 153.4

98 63.1 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 24.467 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

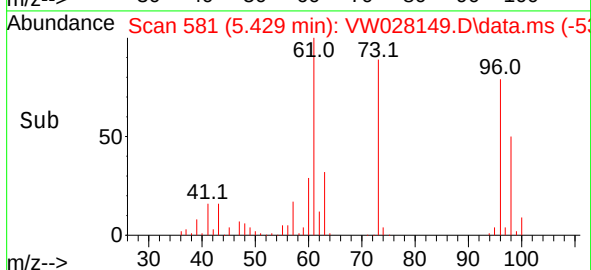
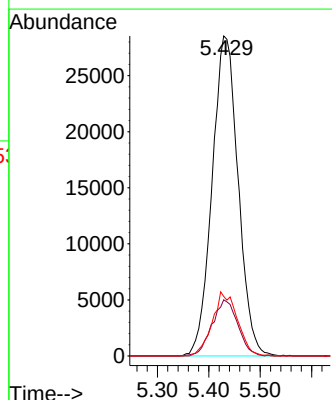
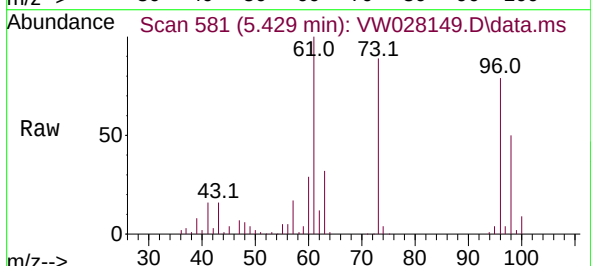
Tgt Ion: 73 Resp: 100402

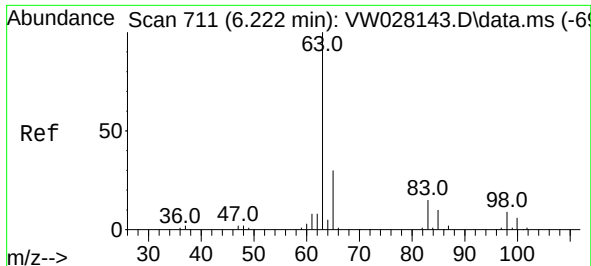
Ion Ratio Lower Upper

73 100

43 17.3 13.3 19.9

57 11.6 15.9 23.9#





#19

1,1-Dichloroethane

Concen: 24.683 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

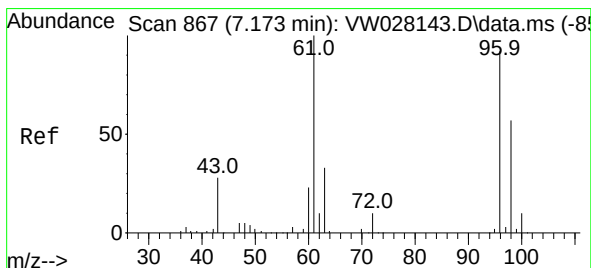
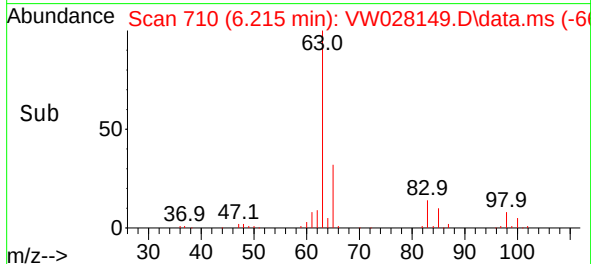
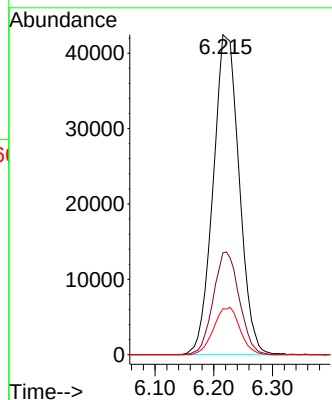
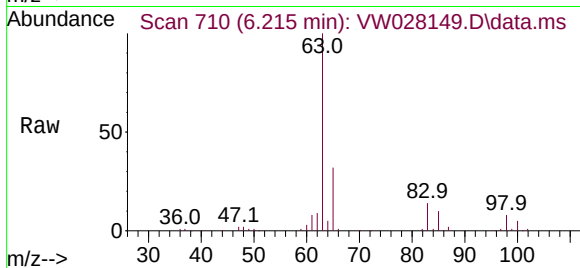
Tgt Ion: 63 Resp: 130772

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.0

83 14.4 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.102 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

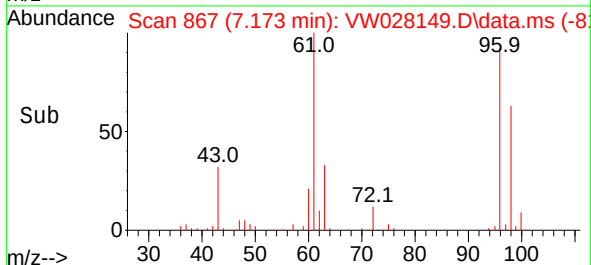
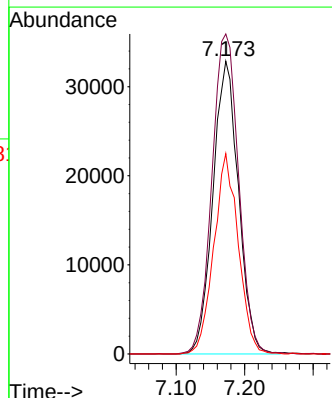
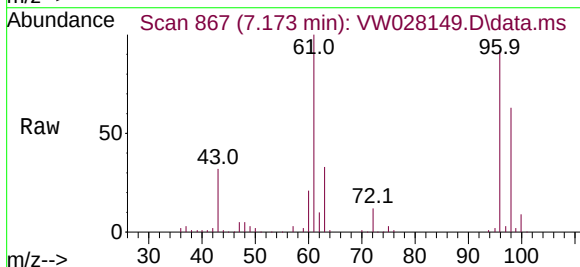
Tgt Ion: 96 Resp: 84988

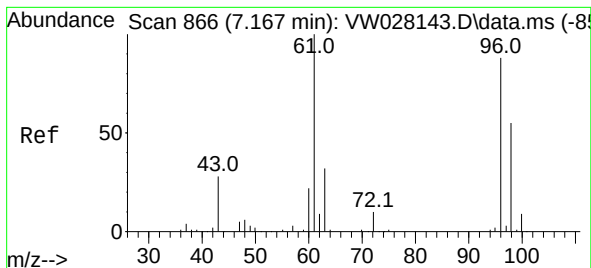
Ion Ratio Lower Upper

96 100

61 109.3 75.5 140.1

98 68.4 43.8 81.4





#22

2-Butanone

Concen: 45.272 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

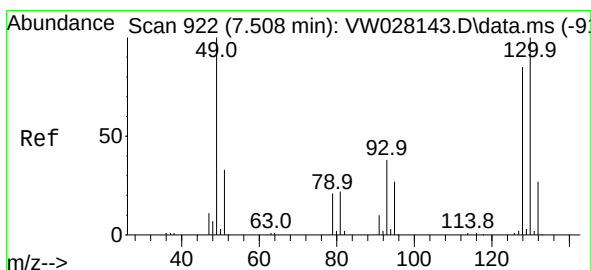
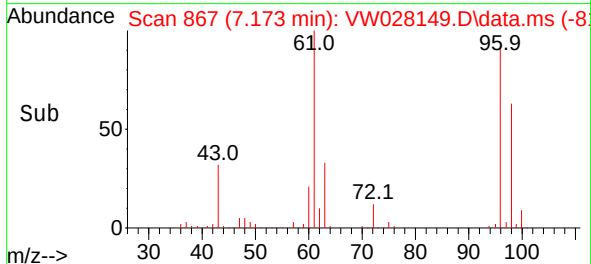
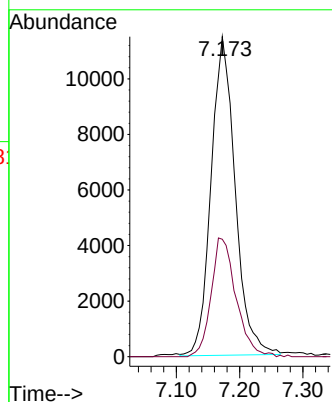
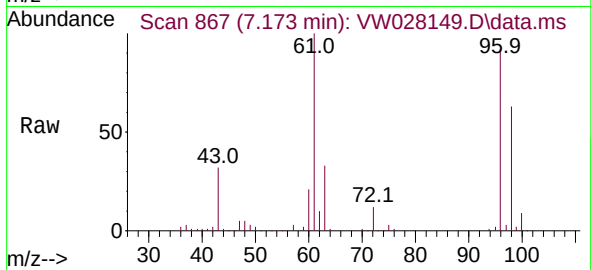
ClientSampleId :

Tgt Ion: 43 Resp: 30357

Ion Ratio Lower Upper

43 100

72 38.2 18.4 55.0



#23

Bromochloromethane

Concen: 24.001 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Tgt Ion: 128 Resp: 39732

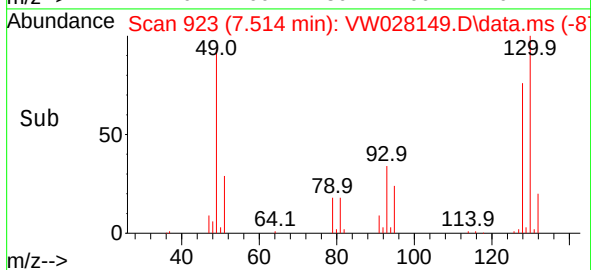
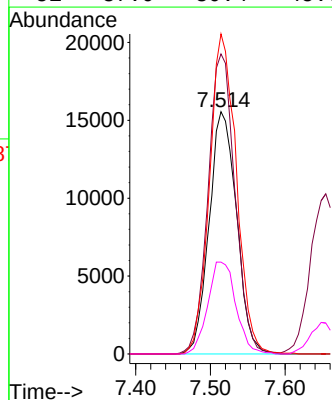
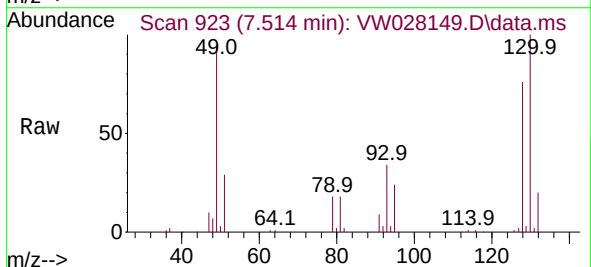
Ion Ratio Lower Upper

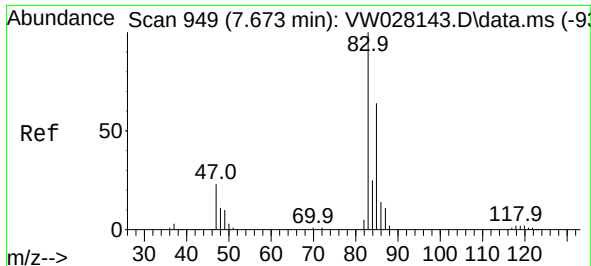
128 100

49 123.8 84.4 156.8

130 132.1 91.1 169.3

51 37.9 30.4 45.6





#25

Chloroform

Concen: 24.847 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

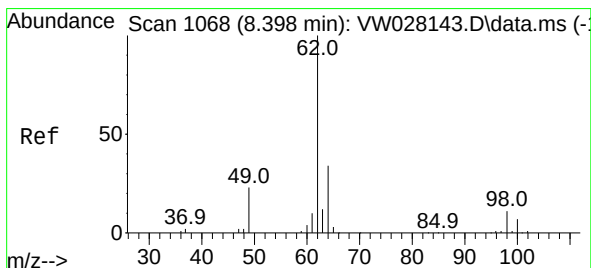
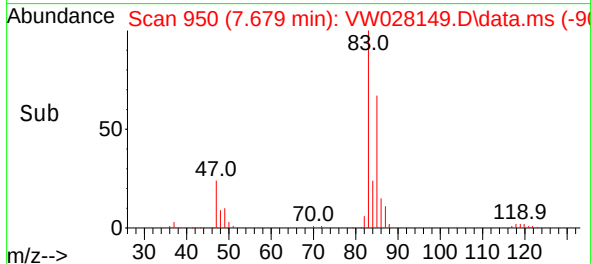
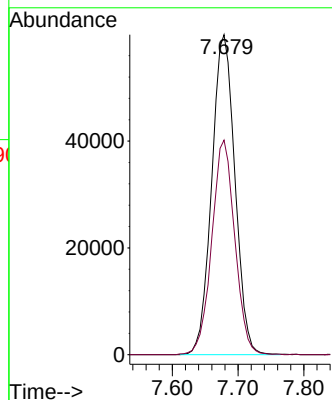
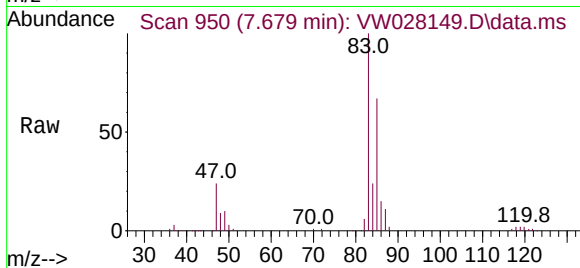
ClientSampleId :

Tgt Ion: 83 Resp: 147032

Ion Ratio Lower Upper

83 100

85 67.1 46.5 86.5



#27

1,2-Dichloroethane

Concen: 25.226 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028149.D

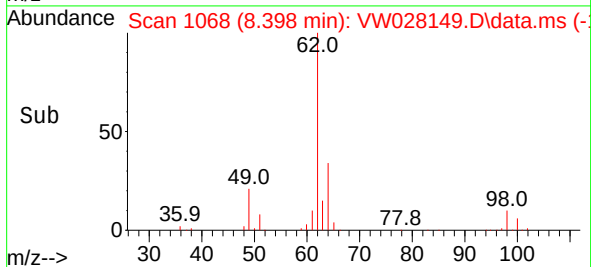
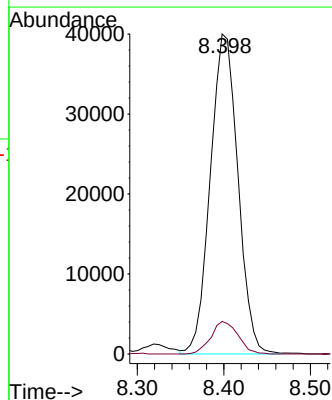
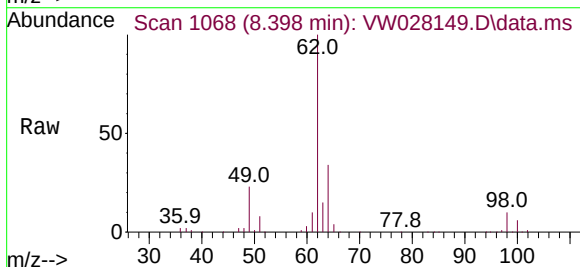
Acq: 12 Mar 2024 09:23

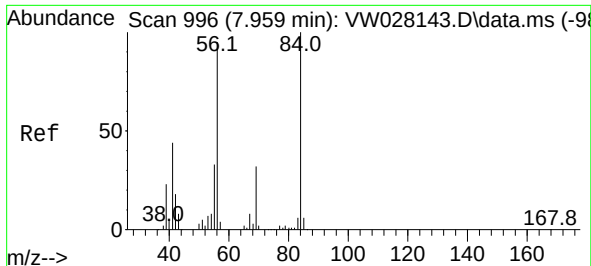
Tgt Ion: 62 Resp: 88765

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.4





#29

Cyclohexane

Concen: 24.301 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

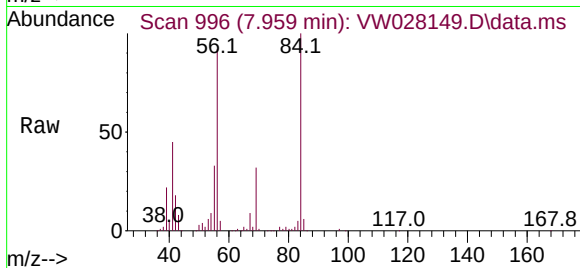
Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :



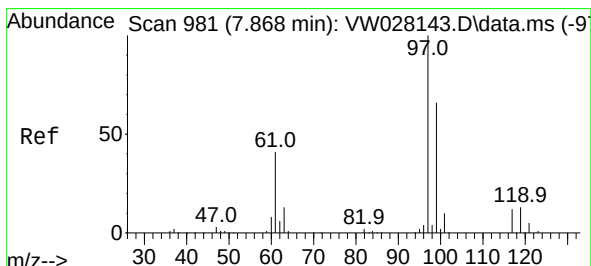
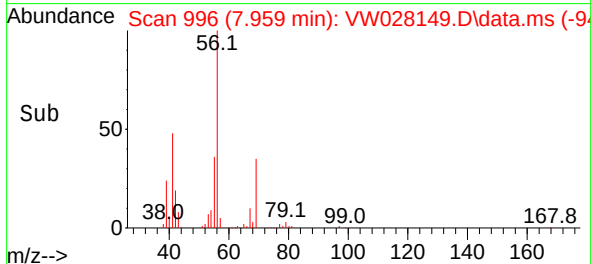
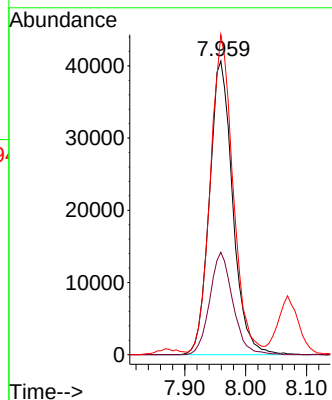
Tgt Ion: 56 Resp: 108024

Ion Ratio Lower Upper

56 100

69 34.6 27.6 41.4

84 106.8 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 25.475 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

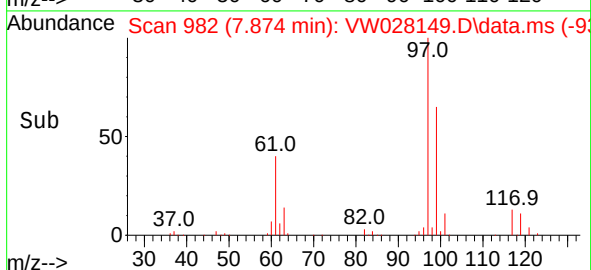
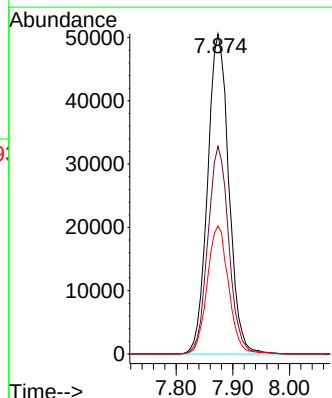
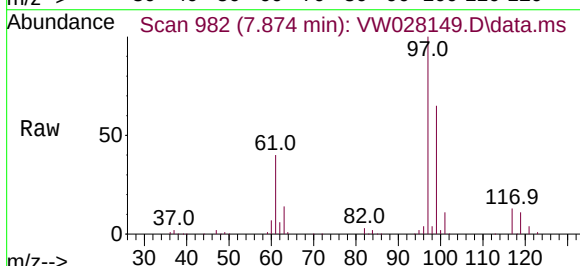
Tgt Ion: 97 Resp: 131488

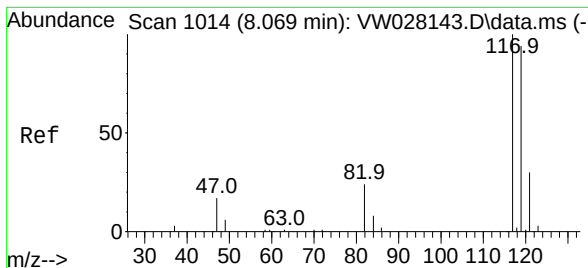
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 40.2 31.8 47.6





#31

Carbon tetrachloride

Concen: 25.594 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

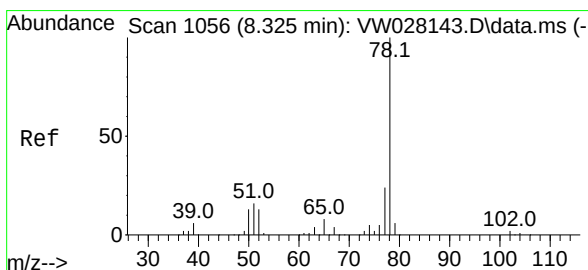
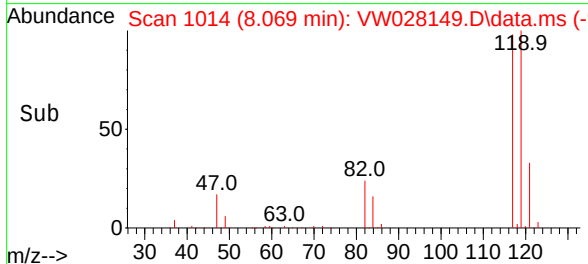
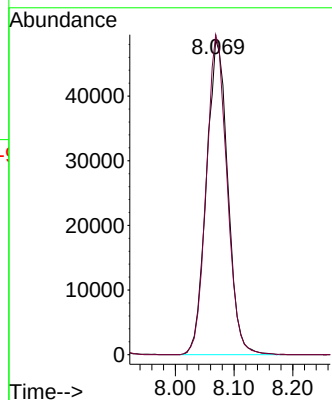
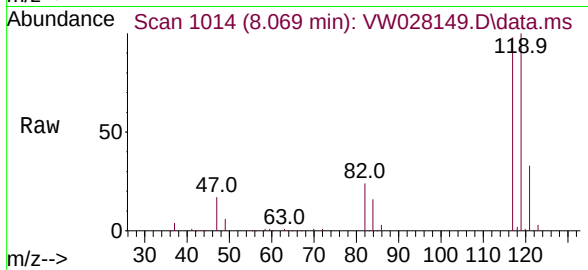
ClientSampleId :

Tgt Ion:117 Resp: 123356

Ion Ratio Lower Upper

117 100

119 98.6 76.8 115.2



#33

Benzene

Concen: 24.491 ug/L

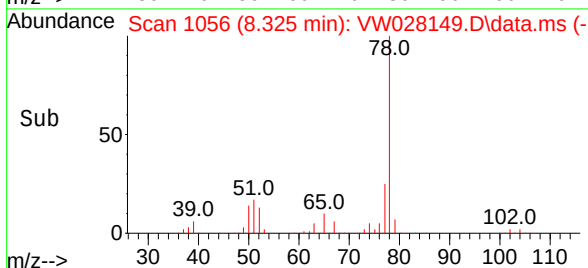
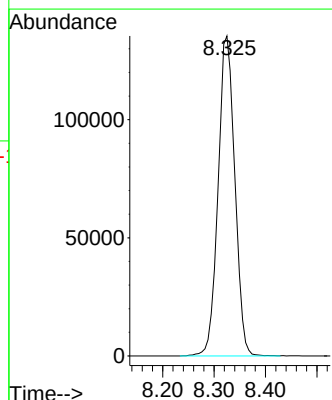
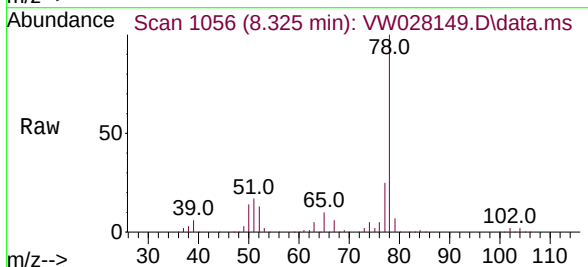
RT: 8.325 min Scan# 1056

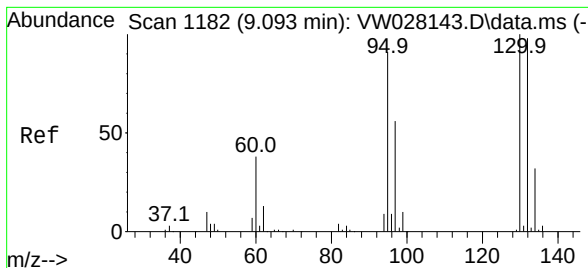
Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Tgt Ion: 78 Resp: 305858





#34

Trichloroethene

Concen: 24.103 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

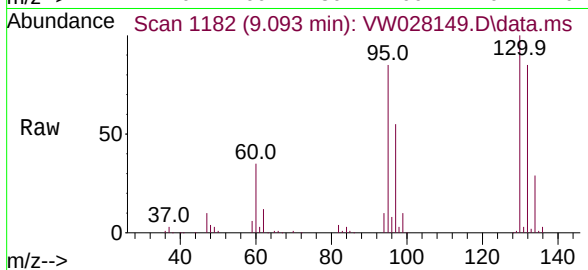
Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 88198

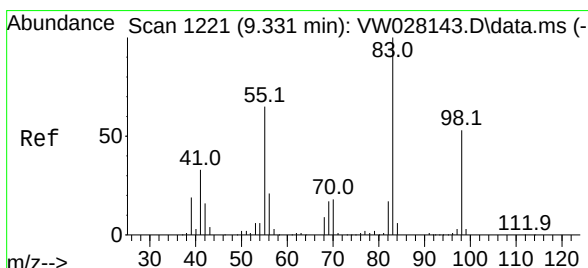
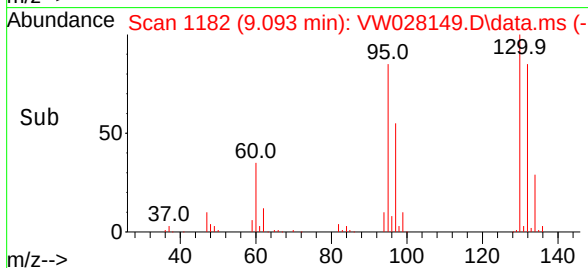
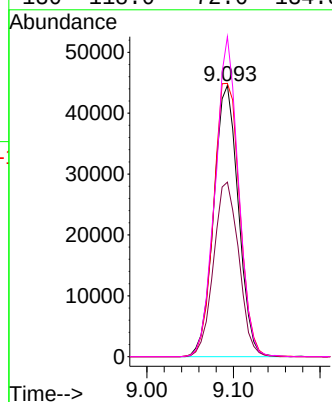
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 100.7 68.3 126.9

130 118.0 72.6 134.8



#35

Methylcyclohexane

Concen: 24.245 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

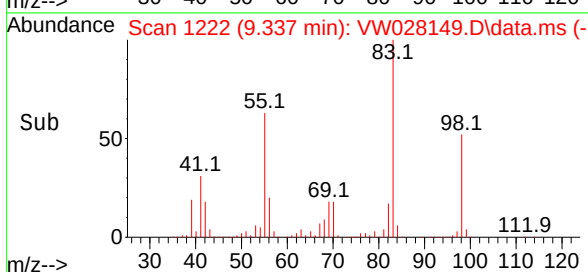
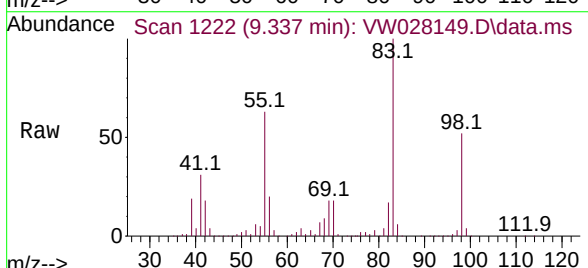
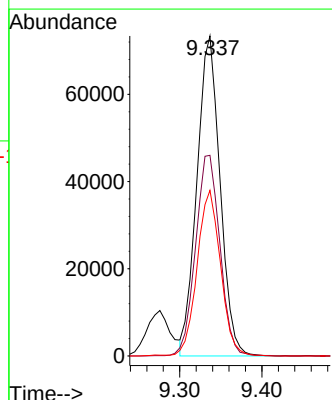
Tgt Ion: 83 Resp: 143587

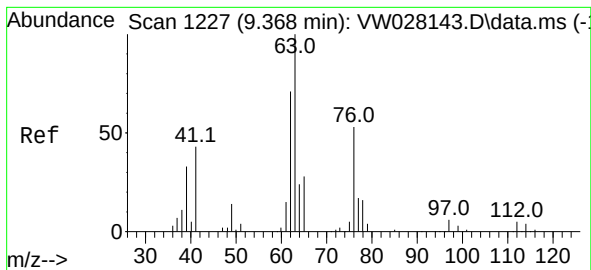
Ion Ratio Lower Upper

83 100

55 65.9 52.1 78.1

98 52.4 42.2 63.4





#37

1,2-Dichloropropane

Concen: 24.541 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

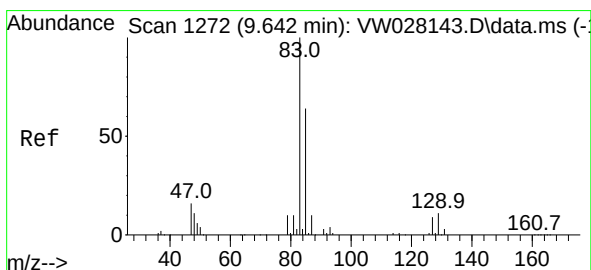
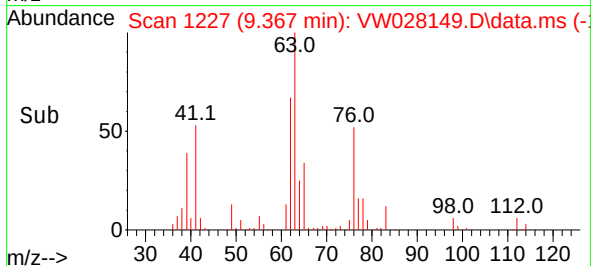
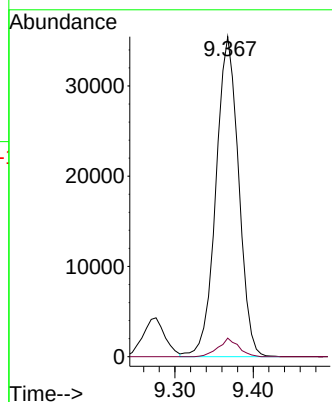
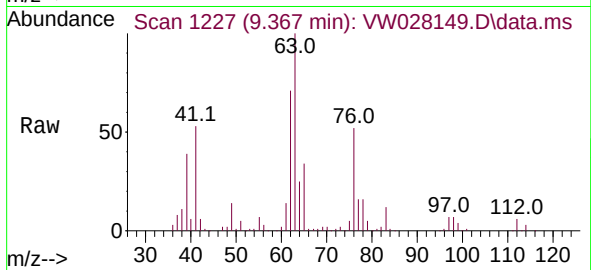
ClientSampleId :

Tgt Ion: 63 Resp: 71372

Ion Ratio Lower Upper

63 100

112 5.1 4.4 6.6



#38

Bromodichloromethane

Concen: 24.694 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

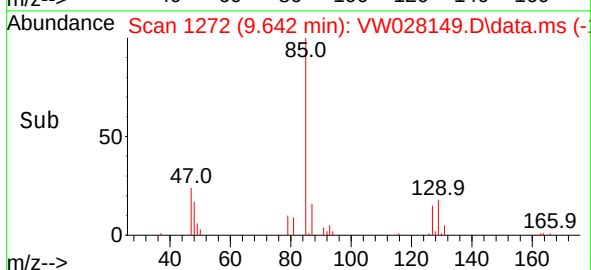
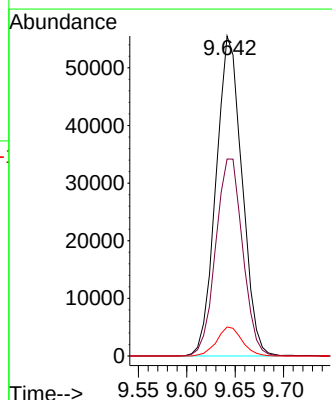
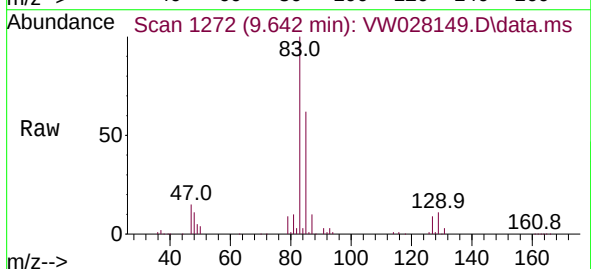
Tgt Ion: 83 Resp: 103733

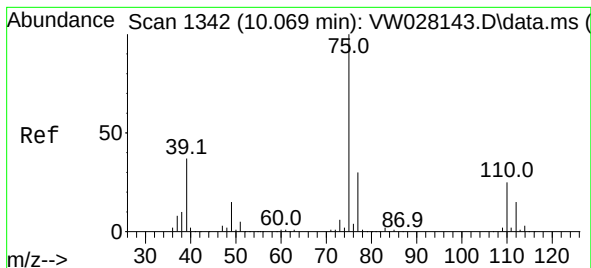
Ion Ratio Lower Upper

83 100

85 61.5 43.3 80.5

127 9.0 6.9 10.3

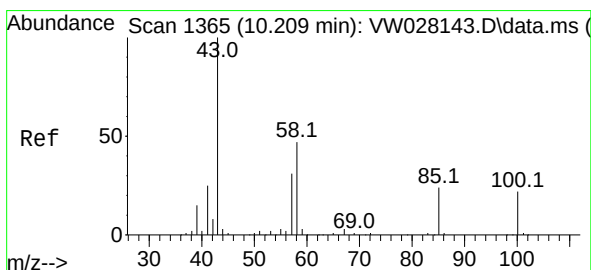
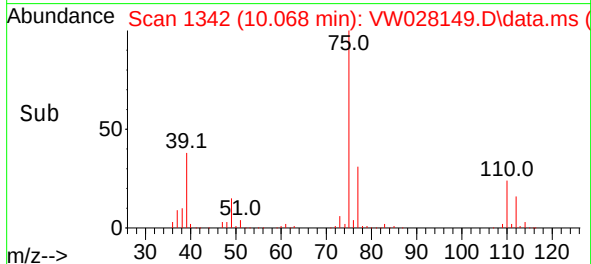
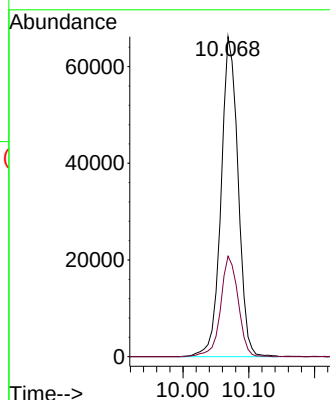
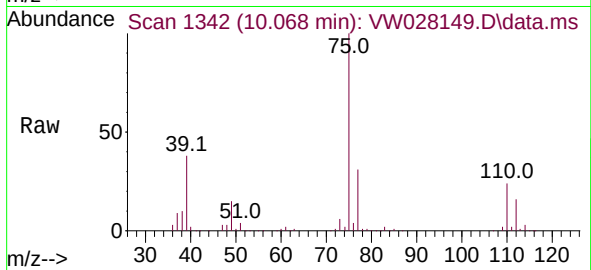




#39
 cis-1,3-Dichloropropene
 Concen: 24.996 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW028149.D
 Acq: 12 Mar 2024 09:23

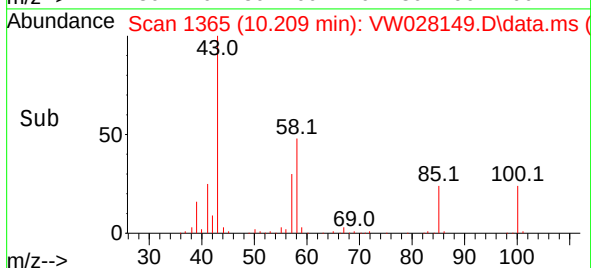
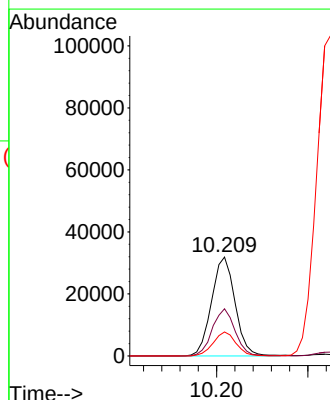
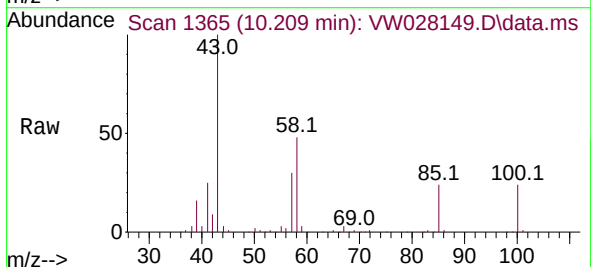
Instrument :
 MSVOA_W
 ClientSampleId :

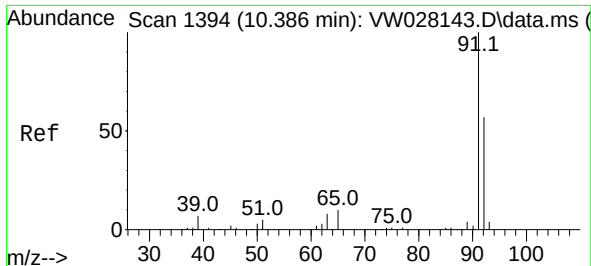
Tgt Ion: 75 Resp: 119543
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 49.326 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW028149.D
 Acq: 12 Mar 2024 09:23

Tgt Ion: 43 Resp: 56978
 Ion Ratio Lower Upper
 43 100
 58 46.2 37.8 56.8
 100 23.5 18.2 27.4





#42

Toluene

Concen: 25.283 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

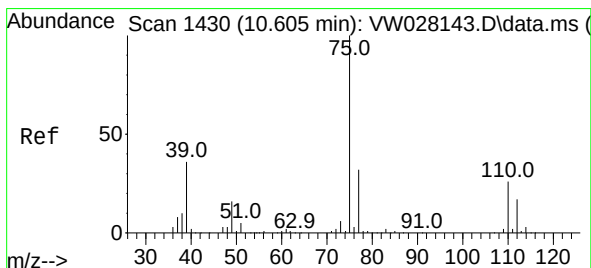
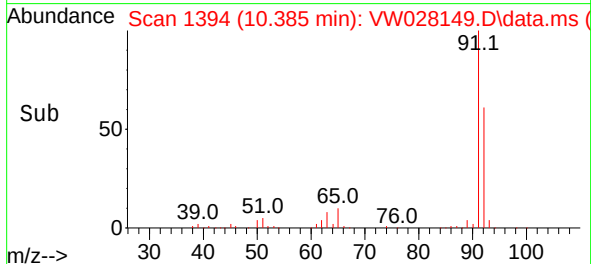
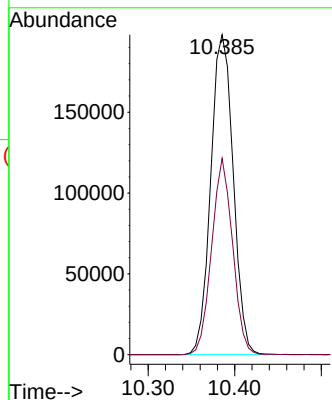
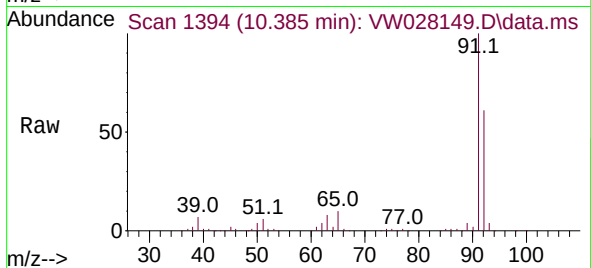
ClientSampleId :

Tgt Ion: 91 Resp: 356782

Ion Ratio Lower Upper

91 100

92 61.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 25.500 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028149.D

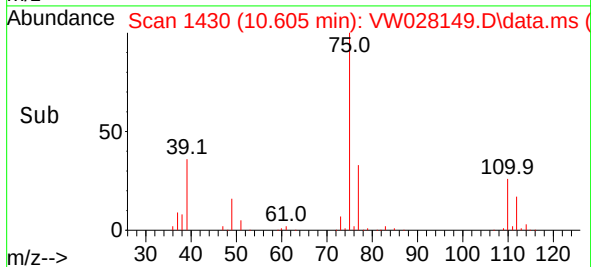
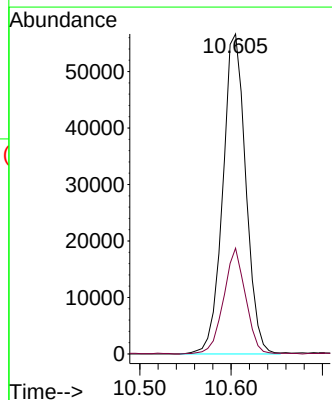
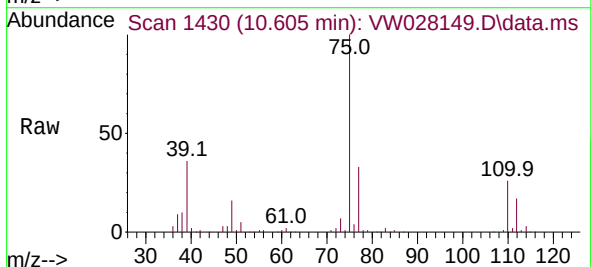
Acq: 12 Mar 2024 09:23

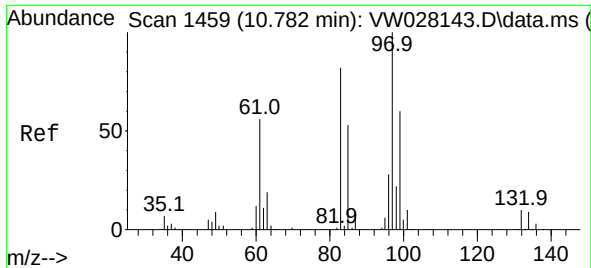
Tgt Ion: 75 Resp: 99071

Ion Ratio Lower Upper

75 100

77 33.1 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 24.261 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59175

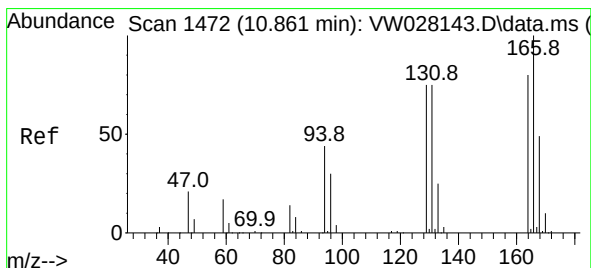
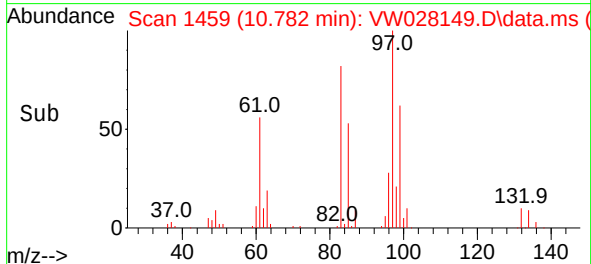
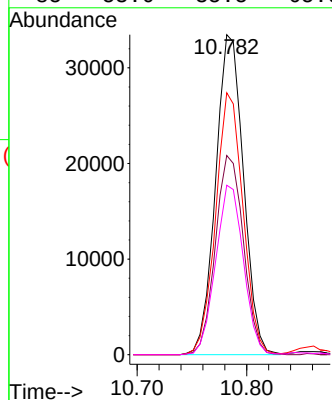
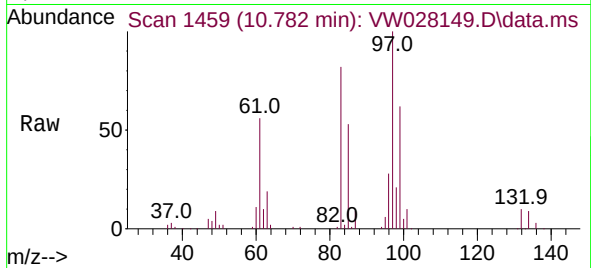
Ion Ratio Lower Upper

97 100

99 62.3 41.9 77.7

83 81.8 56.1 104.1

85 53.0 35.5 65.9



#46

Tetrachloroethene

Concen: 24.856 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Tgt Ion:164 Resp: 76227

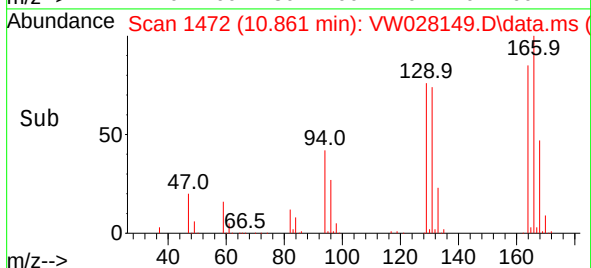
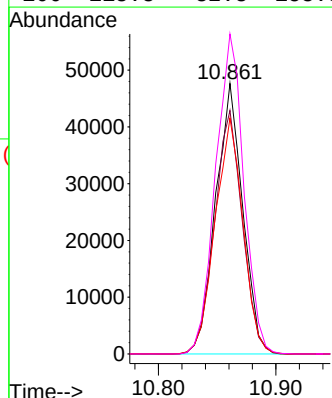
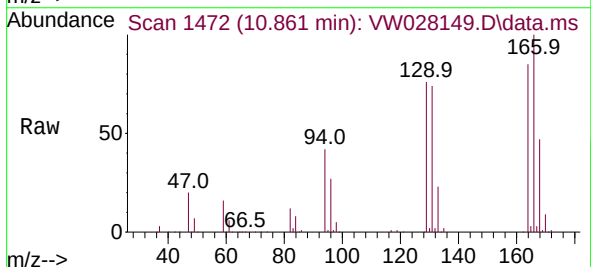
Ion Ratio Lower Upper

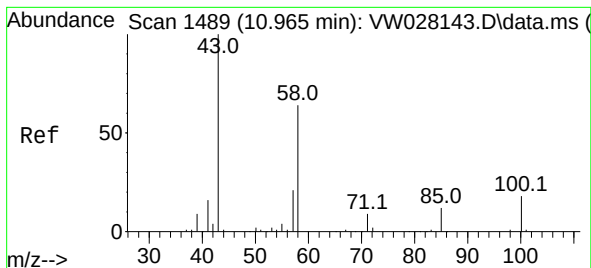
164 100

129 90.0 65.2 121.0

131 87.2 66.2 123.0

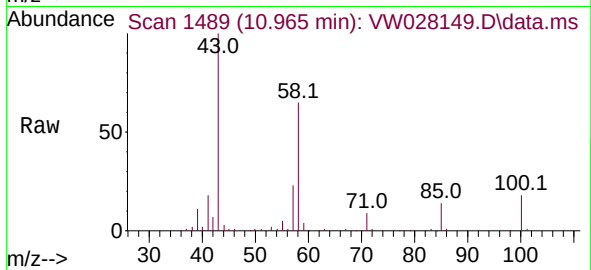
166 118.3 82.8 153.8



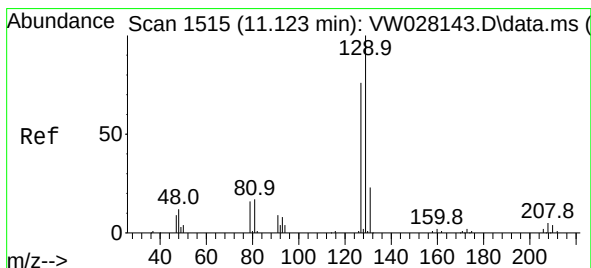
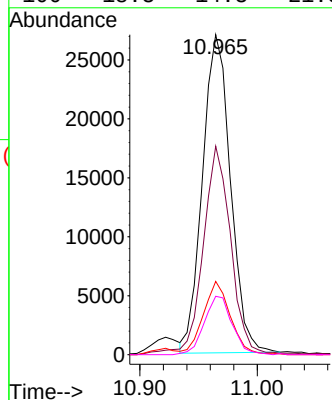
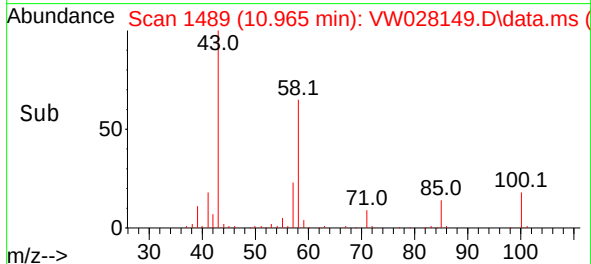


#48
2-Hexanone
Concen: 47.888 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Instrument :
MSVOA_W
ClientSampleId :

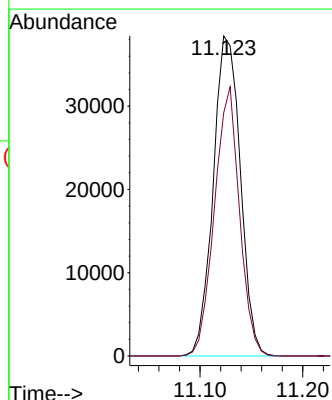
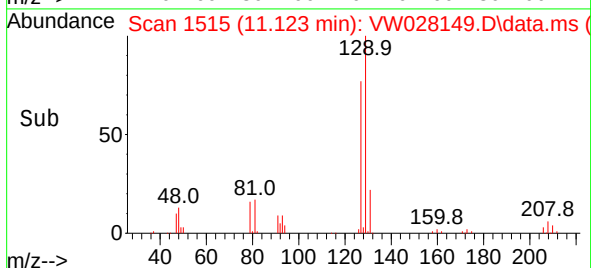
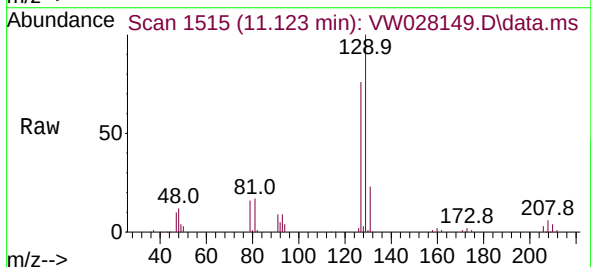


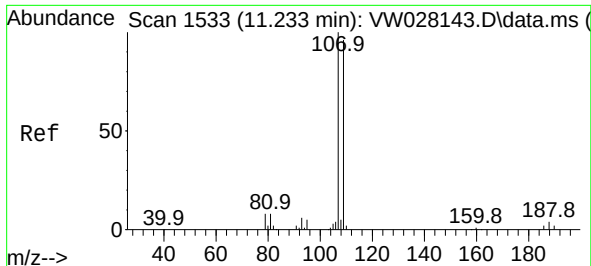
Tgt Ion: 43 Resp: 44727
Ion Ratio Lower Upper
43 100
58 62.0 51.8 77.8
57 22.4 18.2 27.4
100 18.3 14.3 21.5



#49
Dibromochloromethane
Concen: 24.884 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion: 129 Resp: 70556
Ion Ratio Lower Upper
129 100
127 76.0 57.1 106.1





#50

1,2-Dibromoethane

Concen: 24.099 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

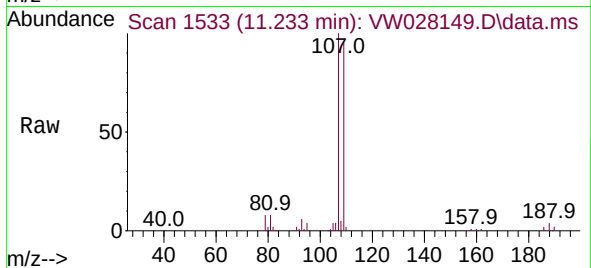
Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :



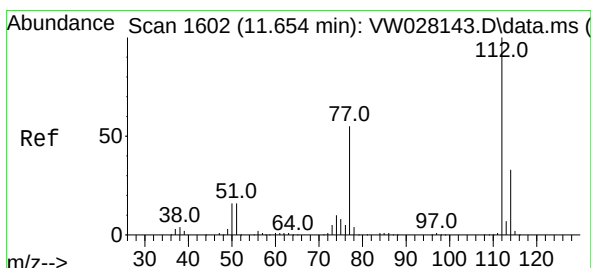
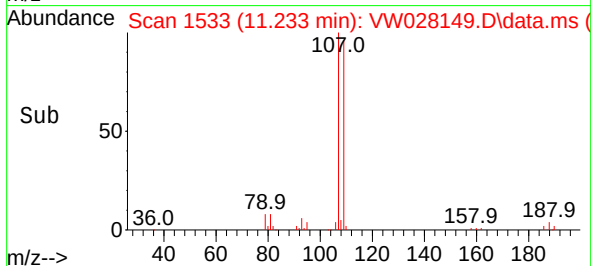
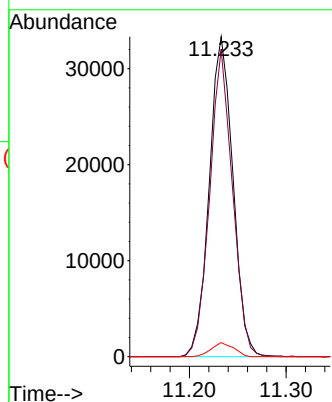
Tgt Ion:107 Resp: 56613

Ion Ratio Lower Upper

107 100

109 96.1 67.5 125.3

188 4.4 3.1 4.7



#51

Chlorobenzene

Concen: 24.939 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

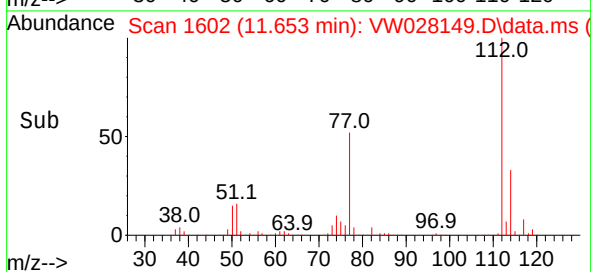
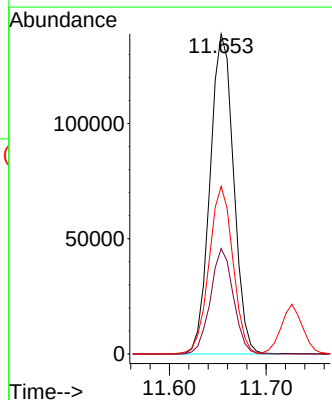
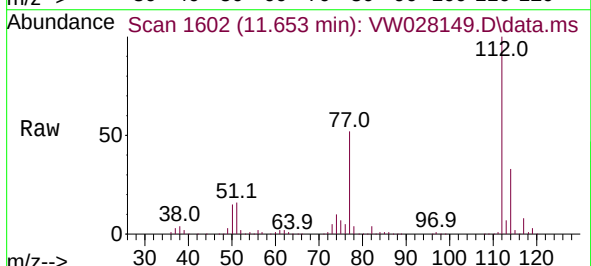
Tgt Ion:112 Resp: 234818

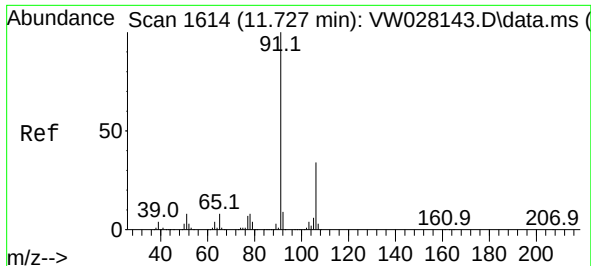
Ion Ratio Lower Upper

112 100

114 33.0 20.6 38.4

77 52.4 40.0 60.0





#52

Ethylbenzene

Concen: 24.660 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

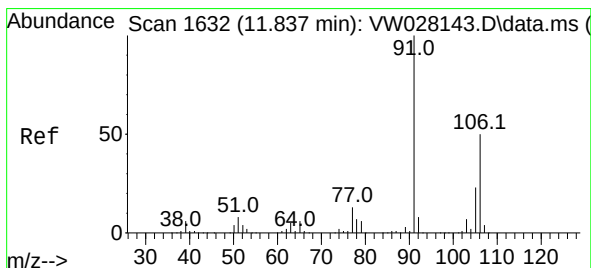
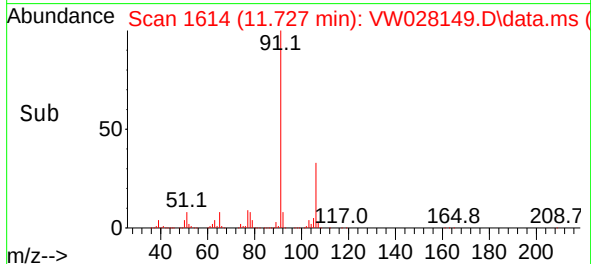
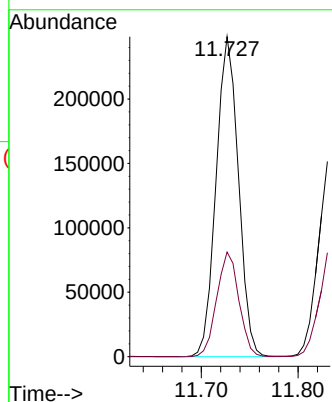
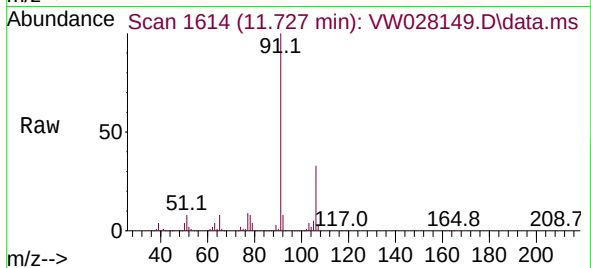
ClientSampleId :

Tgt Ion: 91 Resp: 397854

Ion Ratio Lower Upper

91 100

106 32.7 23.8 44.2



#53

m,p-Xylene

Concen: 24.670 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028149.D

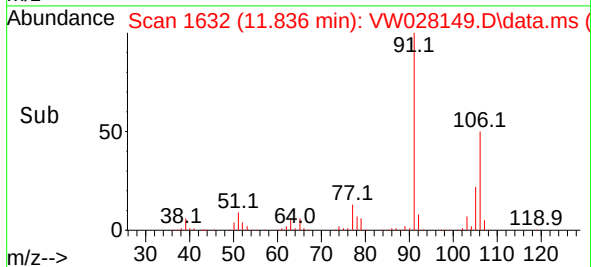
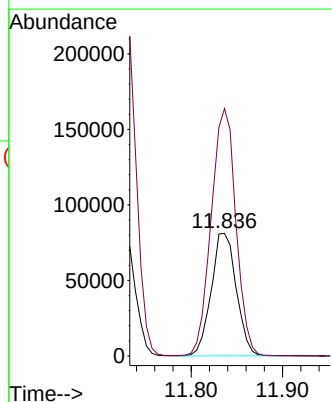
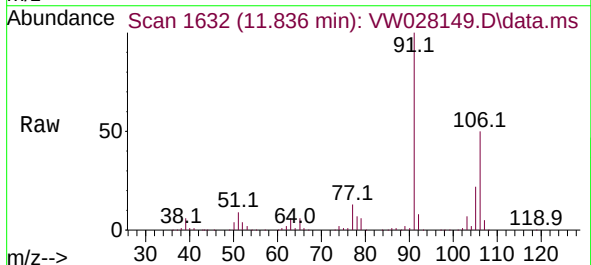
Acq: 12 Mar 2024 09:23

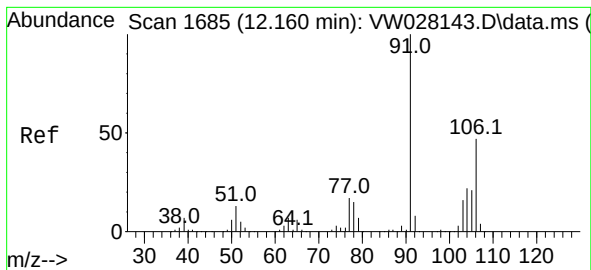
Tgt Ion:106 Resp: 154423

Ion Ratio Lower Upper

106 100

91 201.8 139.7 259.4





#54

o-Xylene

Concen: 24.783 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

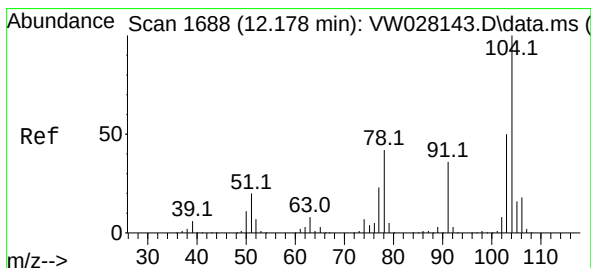
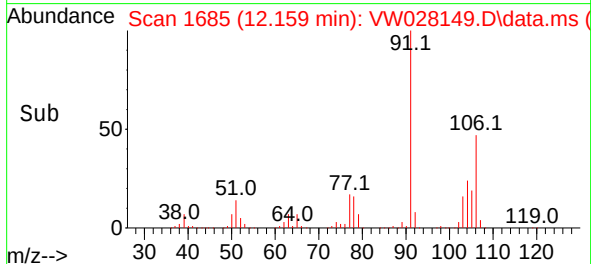
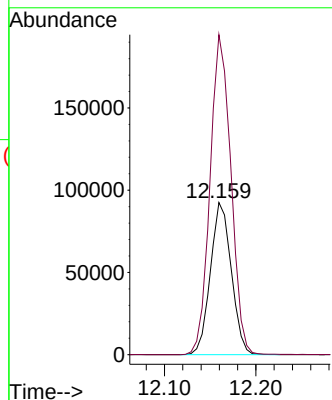
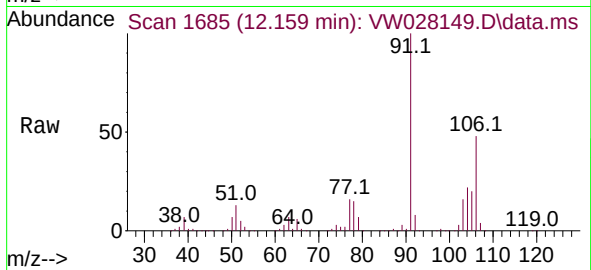
ClientSampleId :

Tgt Ion:106 Resp: 146817

Ion Ratio Lower Upper

106 100

91 210.4 145.2 269.6



#55

Styrene

Concen: 25.153 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028149.D

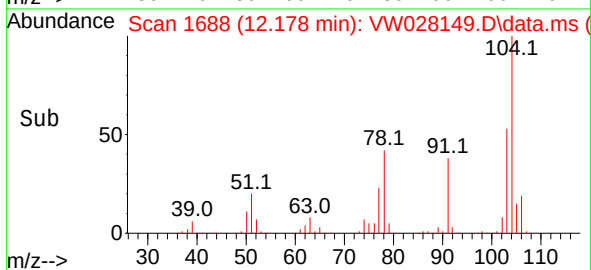
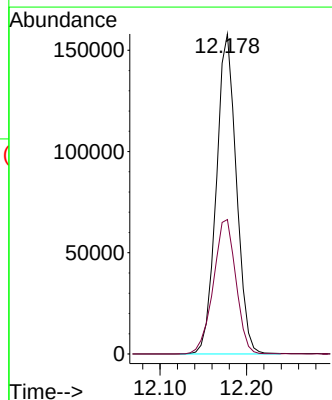
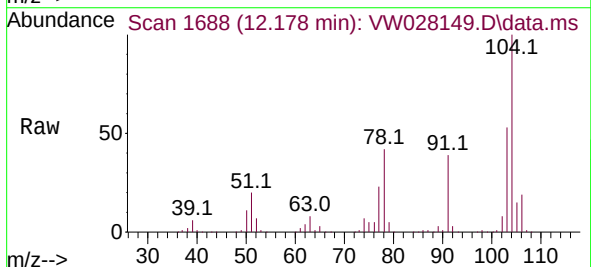
Acq: 12 Mar 2024 09:23

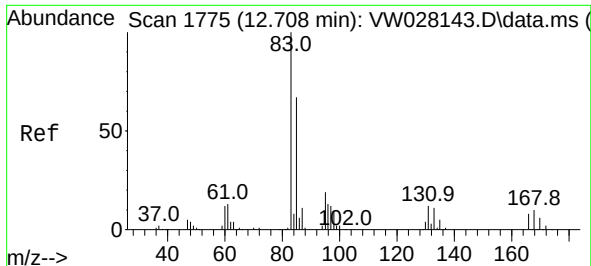
Tgt Ion:104 Resp: 254130

Ion Ratio Lower Upper

104 100

78 42.0 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.719 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028149.D

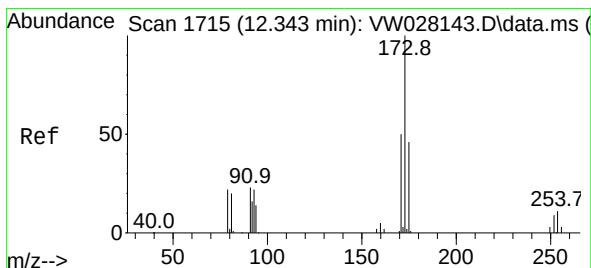
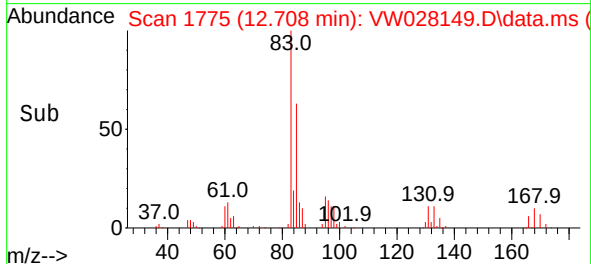
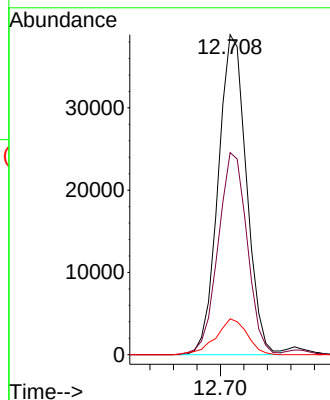
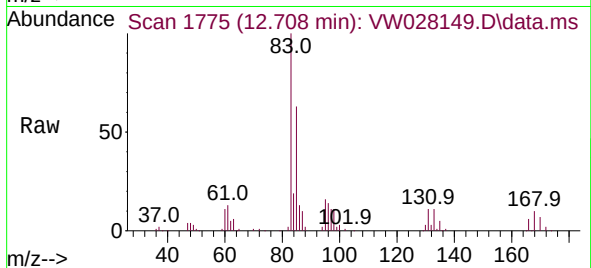
Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	65008
Ion Ratio	Lower	Upper	
83	100		
85	63.2	45.7	84.9
131	11.2	9.7	14.5



#59

Bromoform

Concen: 24.213 ug/L

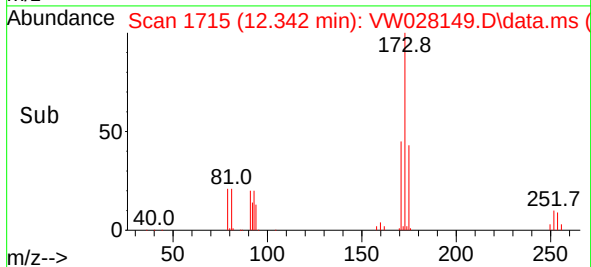
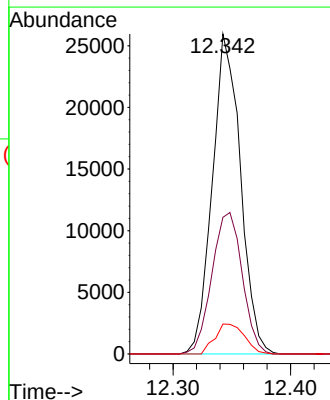
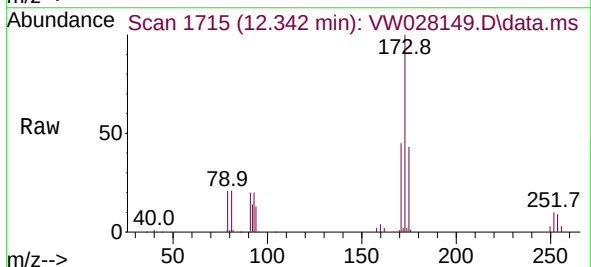
RT: 12.342 min Scan# 1715

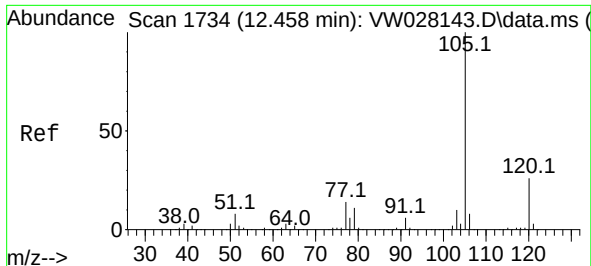
Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Tgt Ion:	173	Resp:	43088
Ion Ratio	Lower	Upper	
173	100		
175	47.8	37.2	55.8
254	9.8	8.5	12.7





#60

Isopropylbenzene

Concen: 24.019 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

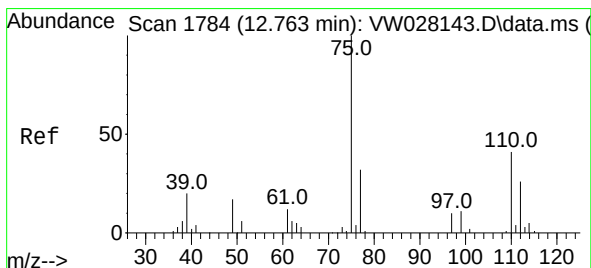
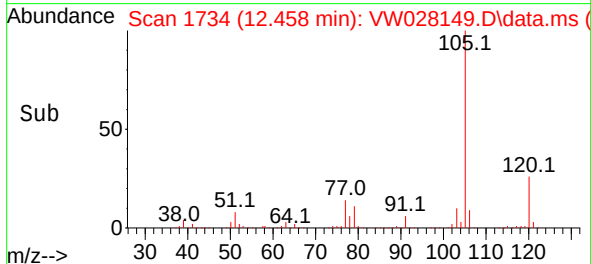
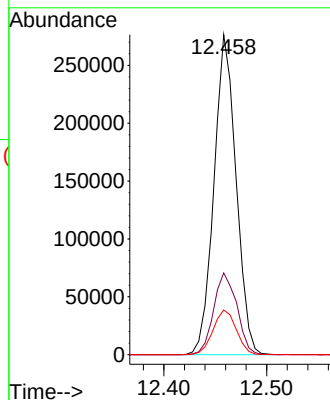
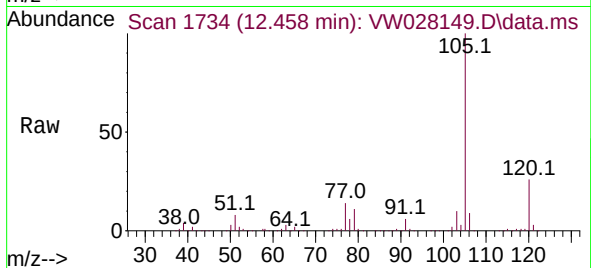
Tgt Ion:105 Resp: 413633

Ion Ratio Lower Upper

105 100

120 26.8 22.2 33.2

77 14.7 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 22.972 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

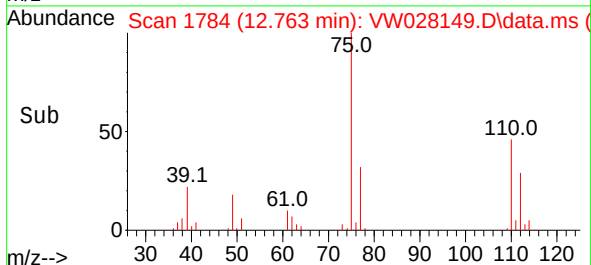
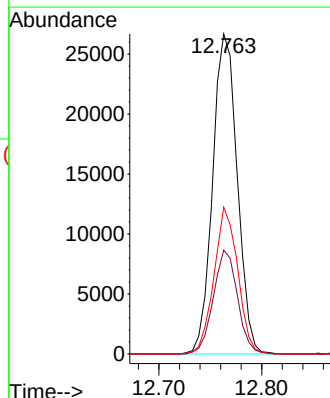
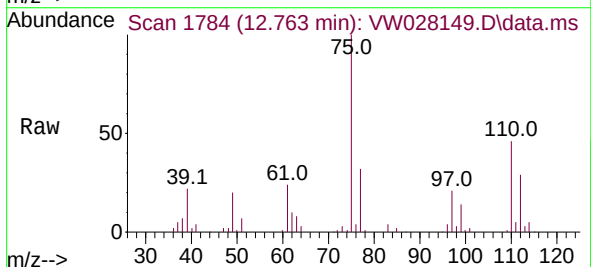
Tgt Ion: 75 Resp: 44328

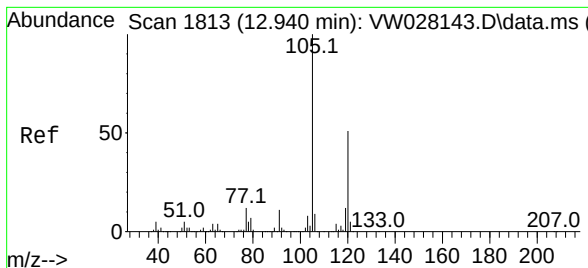
Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9

110 44.3 34.1 51.1

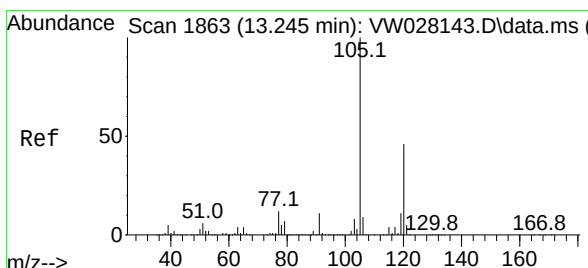
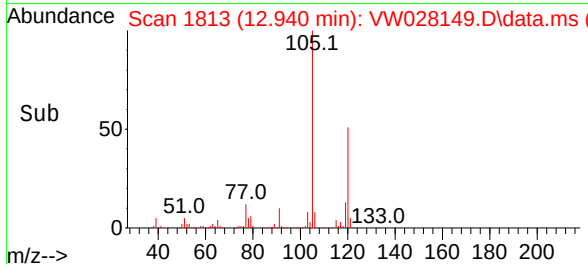
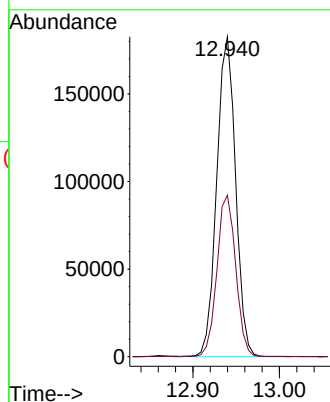
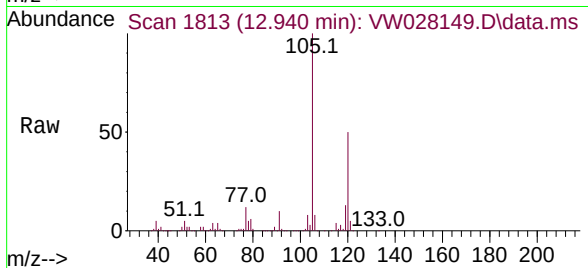




#62
1,3,5-Trimethylbenzene
Concen: 24.454 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

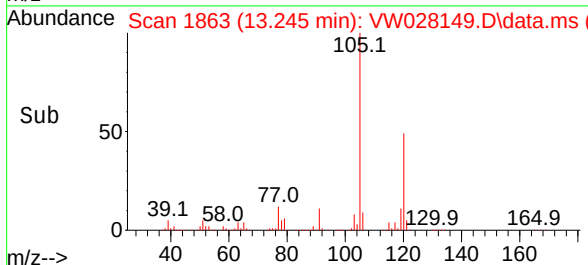
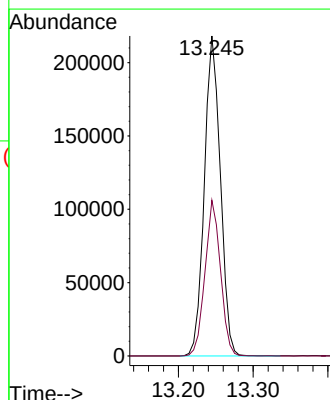
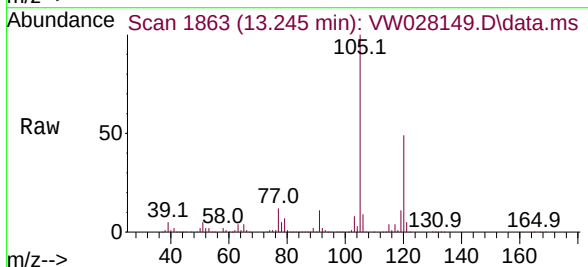
Instrument :
MSVOA_W
ClientSampleId :

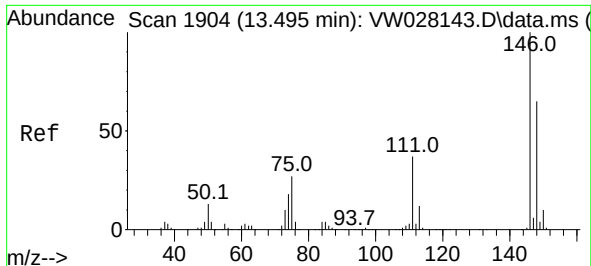
Tgt Ion:105 Resp: 276106
Ion Ratio Lower Upper
105 100
120 50.3 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 24.162 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion:105 Resp: 325320
Ion Ratio Lower Upper
105 100
120 47.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 23.941 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

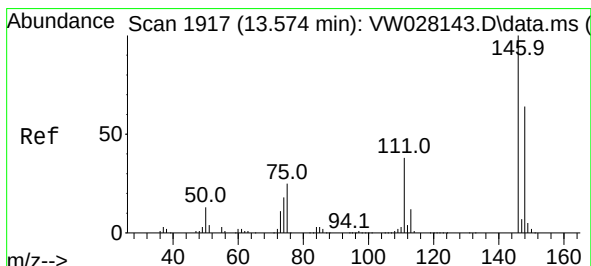
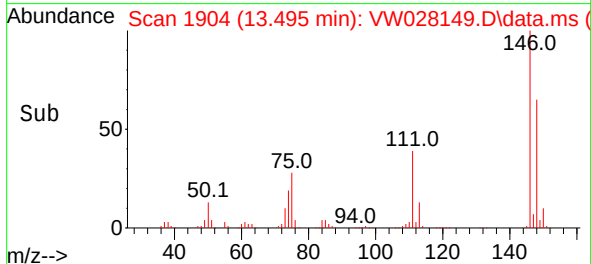
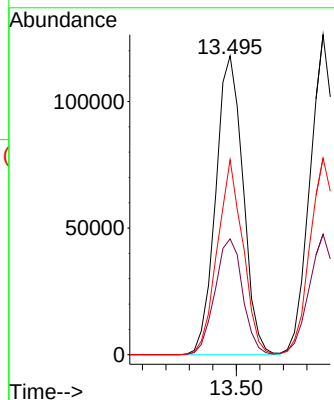
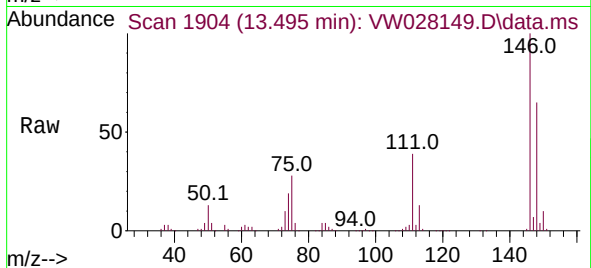
Tgt Ion:146 Resp: 190545

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.9

148 65.3 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 24.032 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

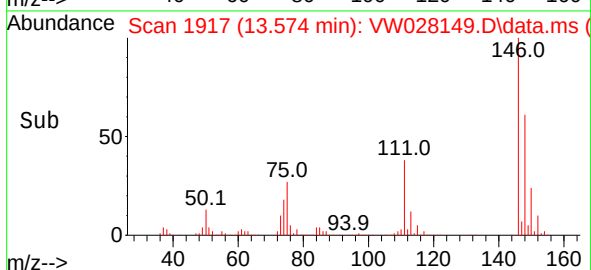
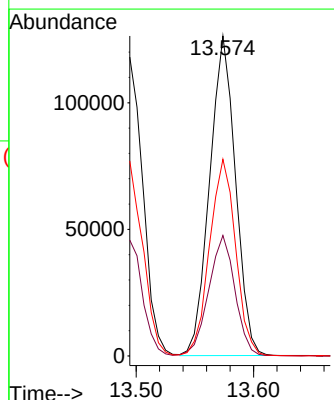
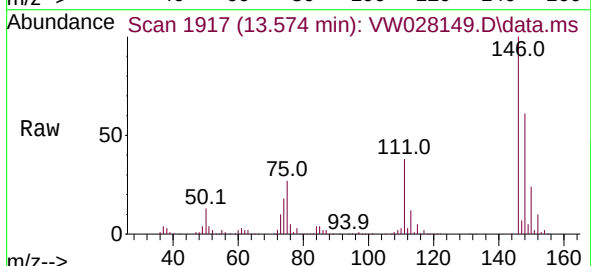
Tgt Ion:146 Resp: 193097

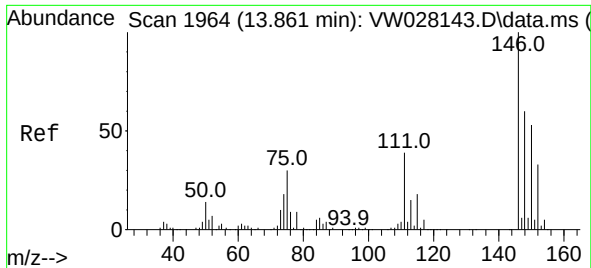
Ion Ratio Lower Upper

146 100

111 37.7 29.3 54.5

148 61.4 47.5 88.1

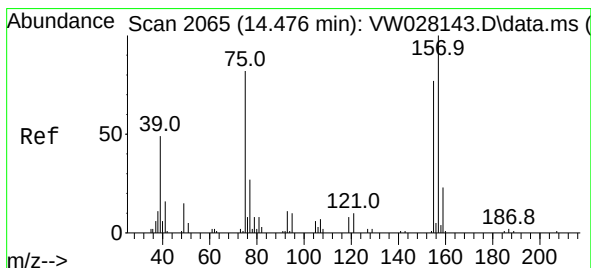
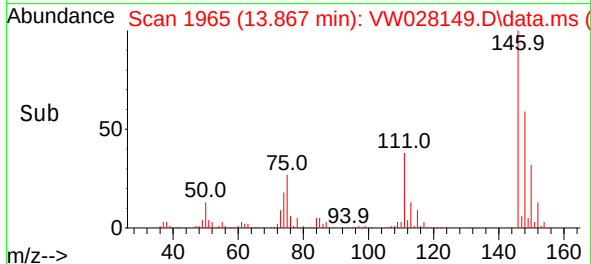
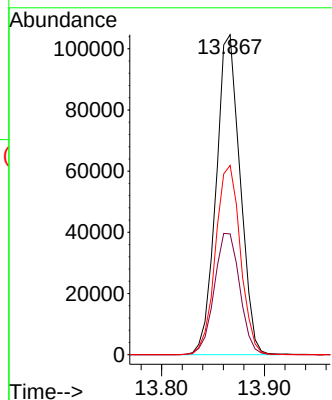
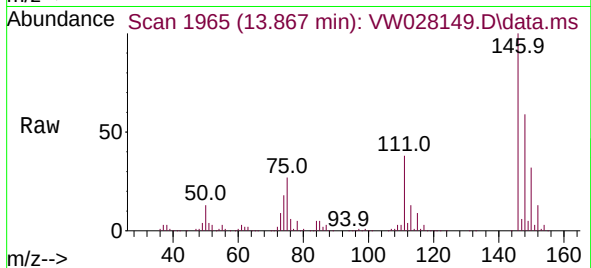




#67
1,2-Dichlorobenzene
Concen: 23.681 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

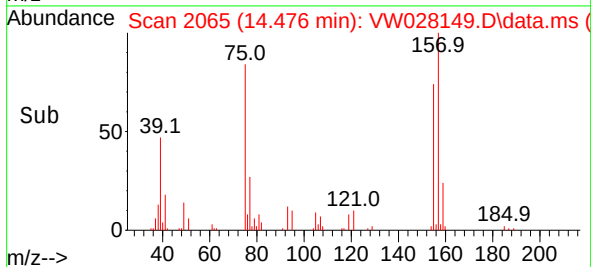
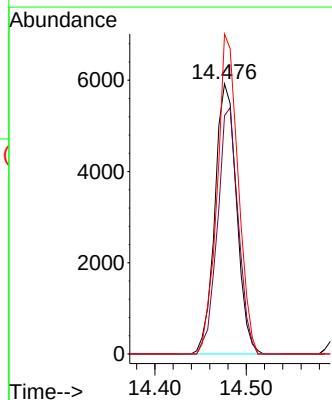
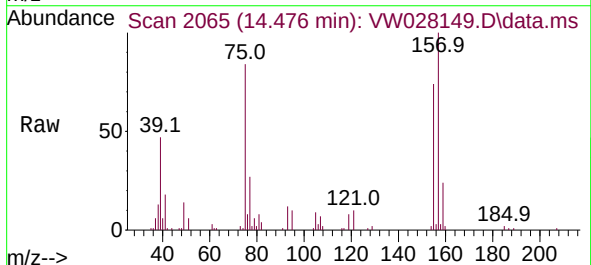
Instrument :
MSVOA_W
ClientSampleId :

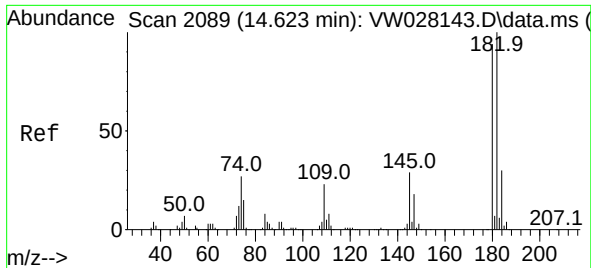
Tgt Ion:146 Resp: 169772
Ion Ratio Lower Upper
146 100
111 37.8 35.4 53.0
148 59.2 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 24.067 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
155 88.3 69.3 103.9
157 118.5 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.600 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

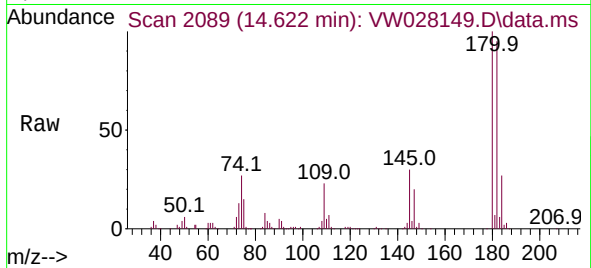
Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 138613

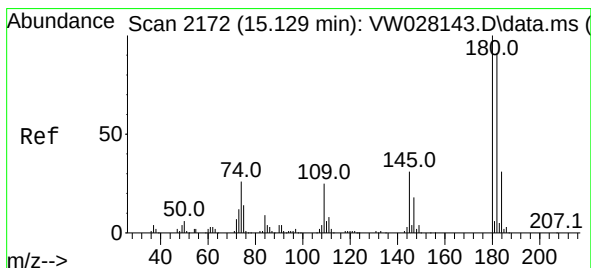
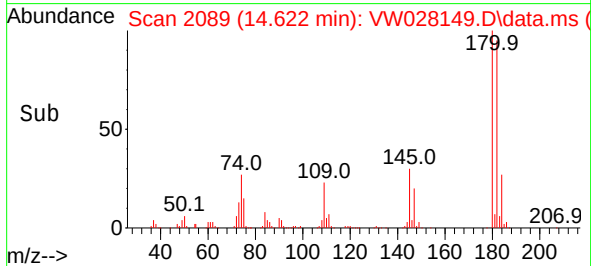
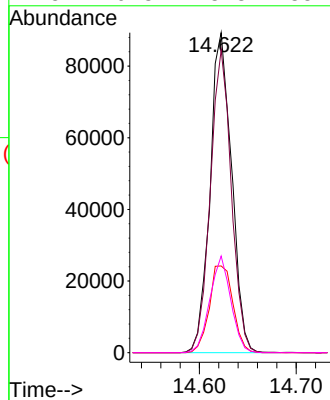
Ion Ratio Lower Upper

180 100

182 92.0 78.2 117.4

184 29.8 25.4 38.2

145 29.3 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 23.388 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028149.D

Acq: 12 Mar 2024 09:23

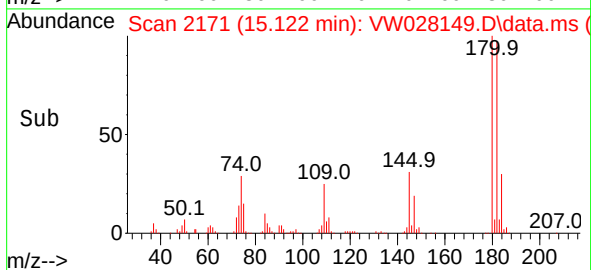
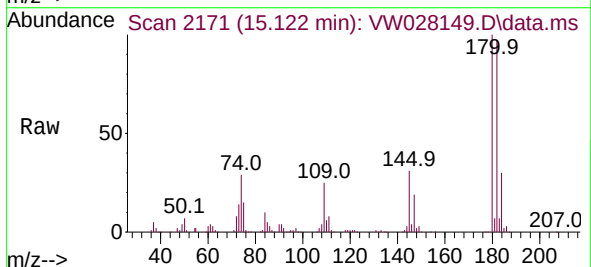
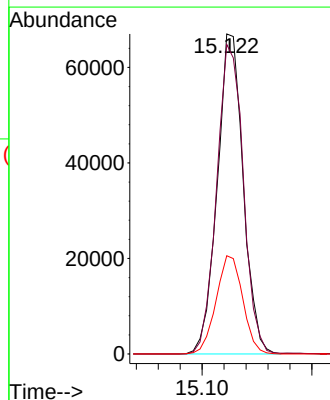
Tgt Ion:180 Resp: 110316

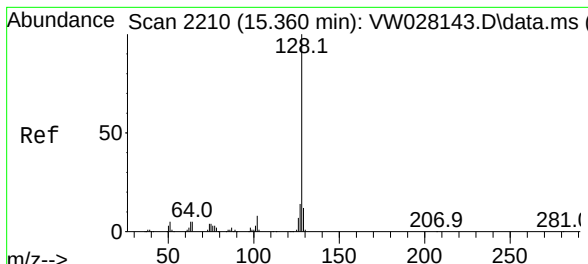
Ion Ratio Lower Upper

180 100

182 99.0 80.1 120.1

145 31.5 24.3 36.5



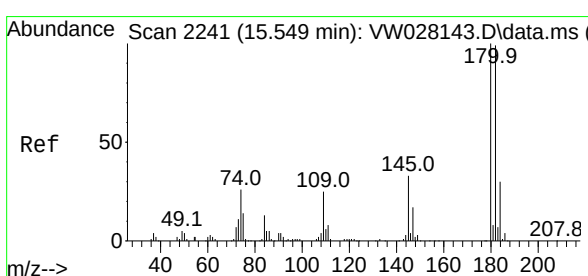
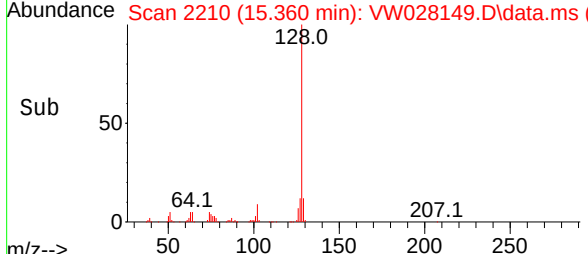
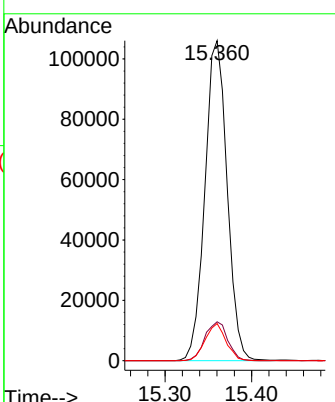
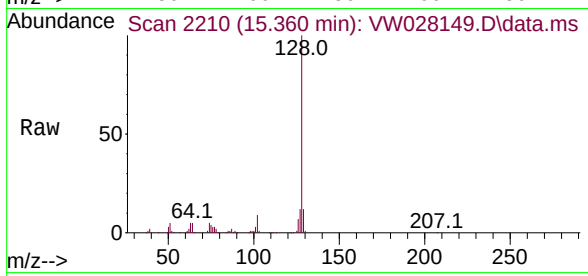


#71
Naphthalene
Concen: 24.501 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 189008

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.701 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028149.D
Acq: 12 Mar 2024 09:23

Tgt Ion:180 Resp: 97430

Ion	Ratio	Lower	Upper
180	100		
182	96.0	81.4	122.2
145	31.2	26.2	39.2

