

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028133.D
 Acq On : 07 Mar 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 00:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264465	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	130196	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68835	21.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.905	69	59487	24.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
11) 1,1-Dichloroethene-d2	4.027	65	30233	23.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.800%
21) 2-Butanone-d5	7.075	46	24416	54.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.440%
24) Chloroform-d	7.648	84	144827	25.855	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.307	65	68244	26.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	8.276	84	280538	23.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.270	67	74256	24.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.325	98	271209	24.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.575	79	34366	25.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.200%
47) 2-Hexanone-d5	10.922	63	24098	55.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61676	25.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	100389	25.927	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61252	22.670	ug/L	96
3) Chloromethane	2.222	50	58200	22.655	ug/L	99
5) Vinyl chloride	2.375	62	83527	23.331	ug/L	99
6) Bromomethane	2.789	94	67064	23.480	ug/L	96
8) Chloroethane	2.936	64	54226	24.118	ug/L	98
9) Trichlorofluoromethane	3.271	101	68462	20.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79553	22.916	ug/L	93
12) 1,1-Dichloroethene	4.051	96	78912	24.003	ug/L	95
13) Acetone	4.118	43	26666	42.362	ug/L	97
14) Carbon disulfide	4.393	76	222757	22.243	ug/L	98
15) Methyl Acetate	4.667	43	21822	24.527	ug/L	99
16) Methylene chloride	4.917	84	86709	23.835	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	83178	23.678	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	108503	25.221	ug/L	99
19) 1,1-Dichloroethane	6.222	63	135957	24.477	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	89763	24.280	ug/L	96
22) 2-Butanone	7.167	43	31026	44.133	ug/L	97
23) Bromochloromethane	7.514	128	41254	23.770	ug/L	97
25) Chloroform	7.673	83	151559	24.429	ug/L	96

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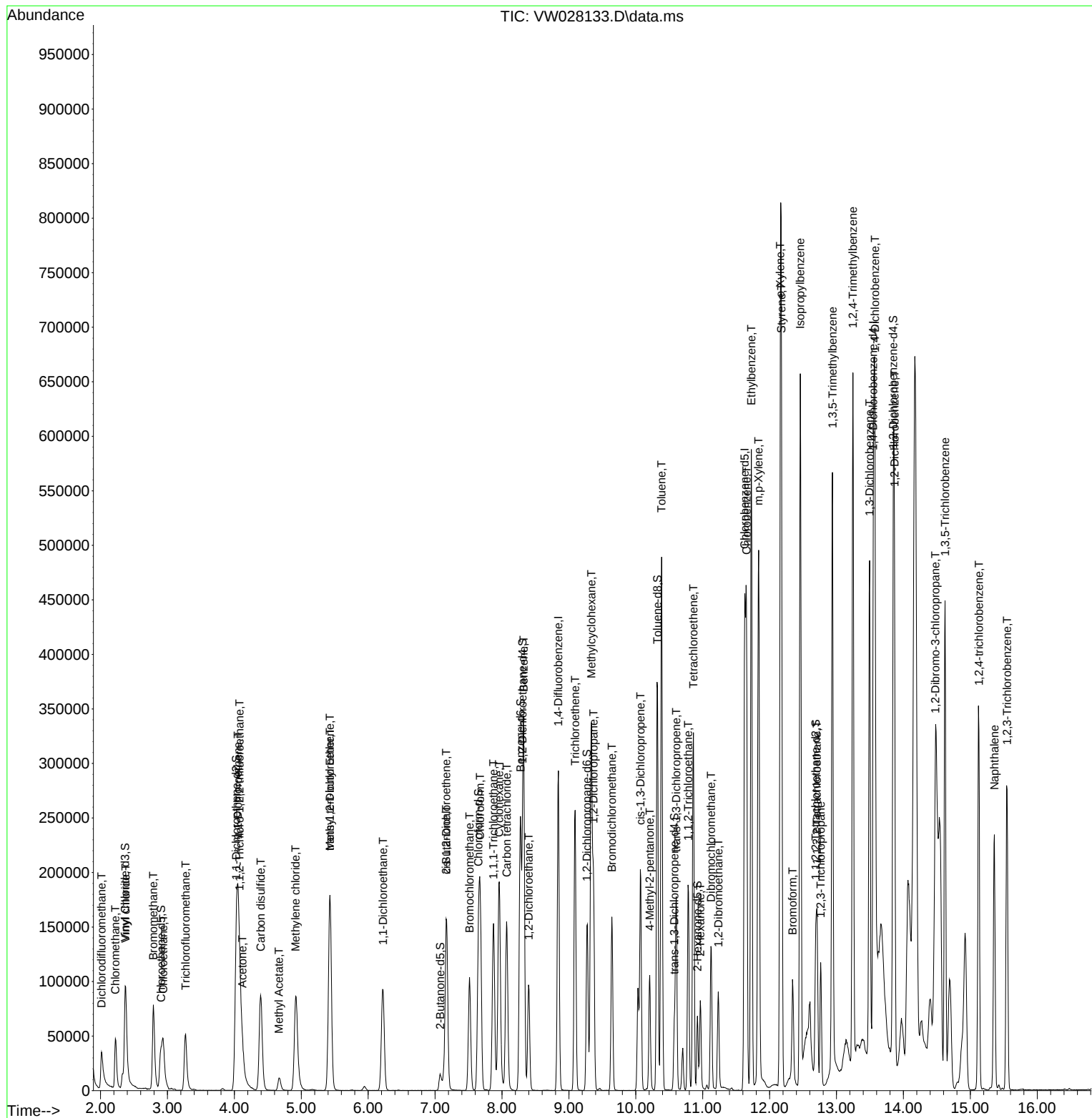
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90945	24.652	ug/L	99
29) Cyclohexane	7.959	56	112676	23.022	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131478	23.137	ug/L	99
31) Carbon tetrachloride	8.069	117	127382	24.005	ug/L	100
33) Benzene	8.325	78	318319	23.151	ug/L	100
34) Trichloroethene	9.093	95	90539	22.473	ug/L	94
35) Methylcyclohexane	9.337	83	152349	23.365	ug/L	99
37) 1,2-Dichloropropane	9.368	63	73083	22.824	ug/L	100
38) Bromodichloromethane	9.642	83	109100	23.589	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	124063	23.561	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	61479	48.341	ug/L	100
42) Toluene	10.386	91	367339	23.644	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	104096	24.335	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	61077	22.744	ug/L	93
46) Tetrachloroethene	10.861	164	79173	23.448	ug/L	88
48) 2-Hexanone	10.965	43	46083	44.814	ug/L	99
49) Dibromochloromethane	11.123	129	73378	23.505	ug/L	95
50) 1,2-Dibromoethane	11.233	107	60685	23.463	ug/L	99
51) Chlorobenzene	11.654	112	243436	23.483	ug/L	94
52) Ethylbenzene	11.727	91	423202	23.825	ug/L	99
53) m,p-Xylene	11.837	106	165430	24.004	ug/L	95
54) o-Xylene	12.160	106	156521	23.998	ug/L	93
55) Styrene	12.178	104	263223	23.664	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	67949	23.467	ug/L	95
59) Bromoform	12.343	173	43234	23.424	ug/L	99
60) Isopropylbenzene	12.458	105	433622	24.277	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47578	23.772	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	305351	26.075	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	360167	25.791	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	197720	23.952	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	199962	23.994	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	173955	23.394	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11554	27.486	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	148148	24.319	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	117635	24.045	ug/L	96
71) Naphthalene	15.360	128	210990	26.370	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101381	24.781	ug/L	97

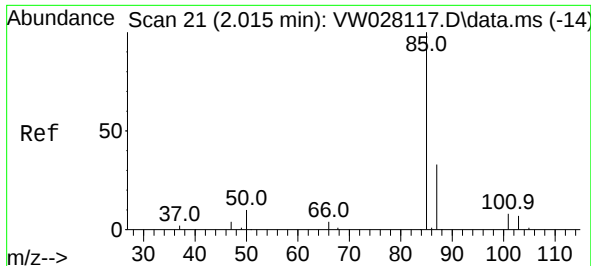
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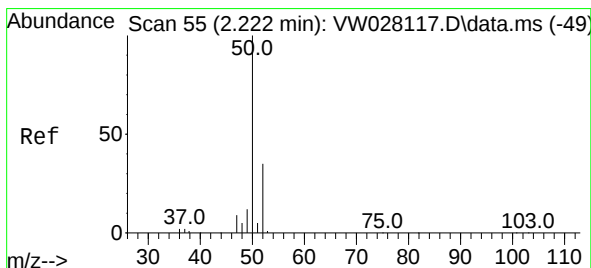
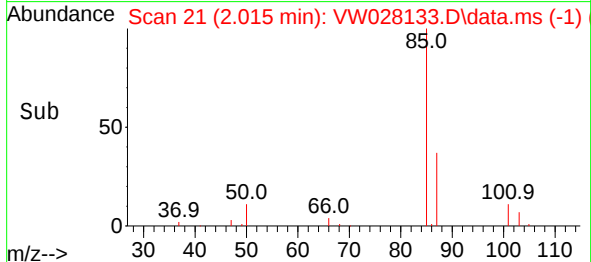
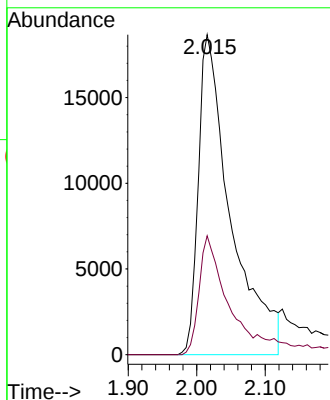
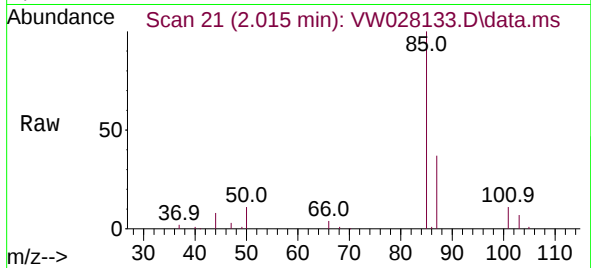




#2
 Dichlorodifluoromethane
 Concen: 22.670 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028133.D
 Acq: 07 Mar 2024 17:44

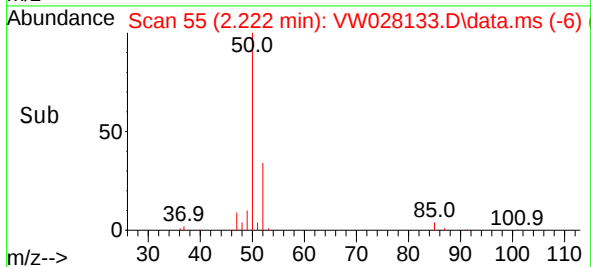
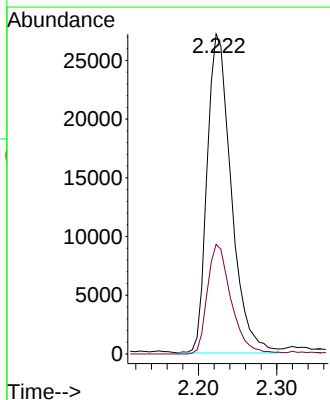
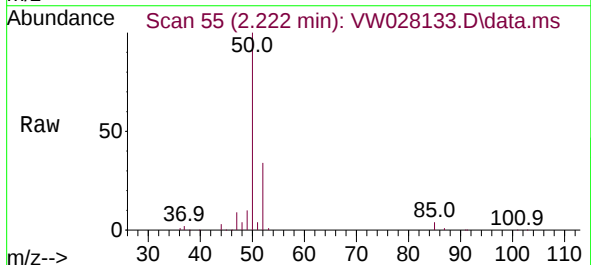
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 ClientSampleId :

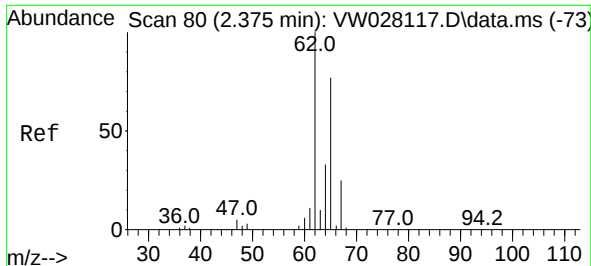
Tgt Ion: 85 Resp: 61252
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.6 39.8



#3
 Chloromethane
 Concen: 22.655 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028133.D
 Acq: 07 Mar 2024 17:44

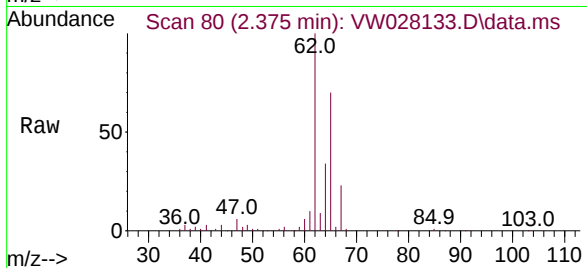
Tgt Ion: 50 Resp: 58200
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.7 43.9



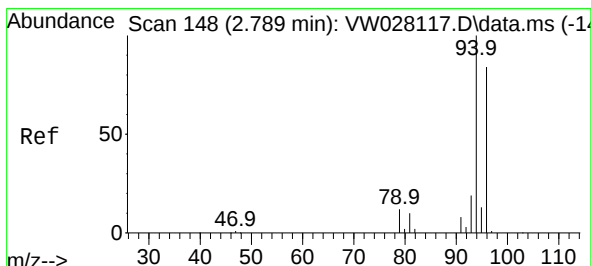
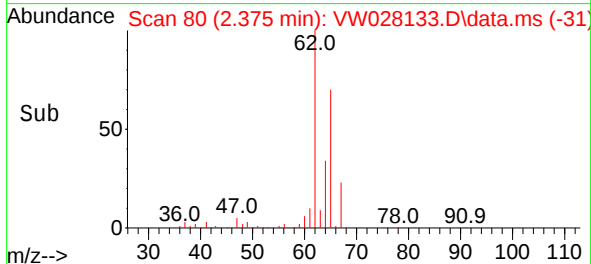
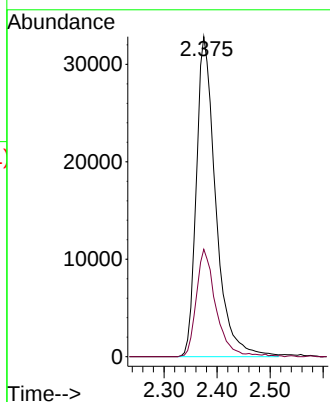


#5
 Vinyl chloride
 Concen: 23.331 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028133.D
 Acq: 07 Mar 2024 17:44

Instrument :
 MSVOA_W
 ClientSampleId :

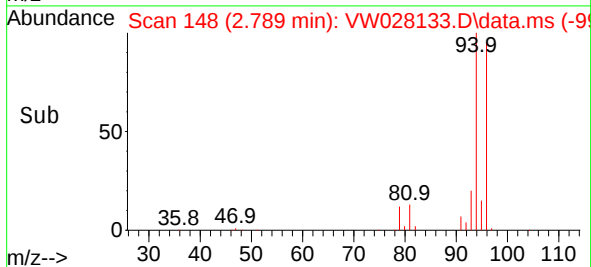
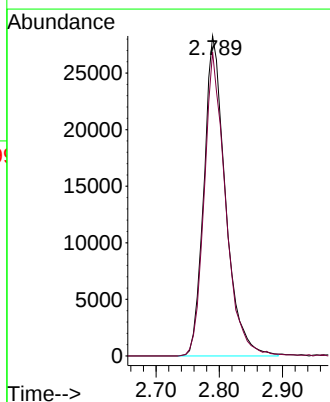
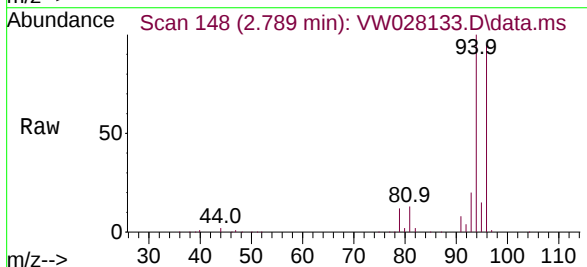


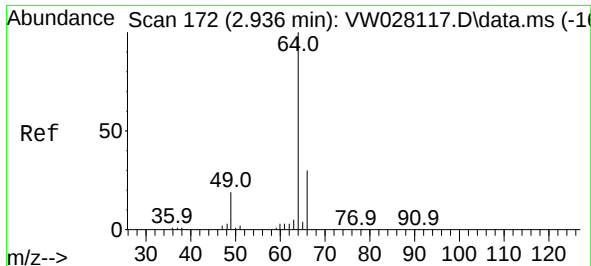
Tgt Ion: 62 Resp: 83527
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 23.480 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028133.D
 Acq: 07 Mar 2024 17:44

Tgt Ion: 94 Resp: 67064
 Ion Ratio Lower Upper
 94 100
 96 95.0 69.1 128.3

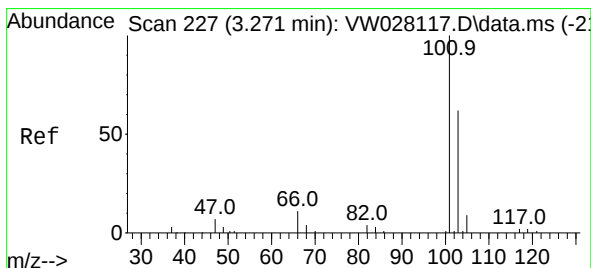
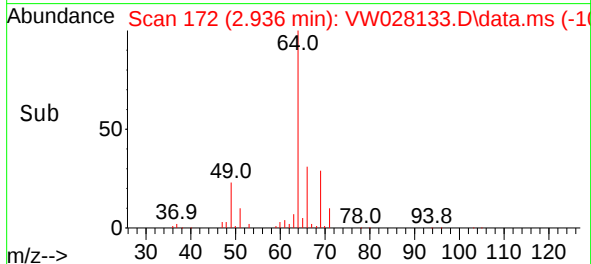
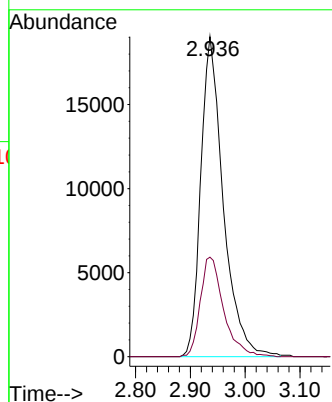
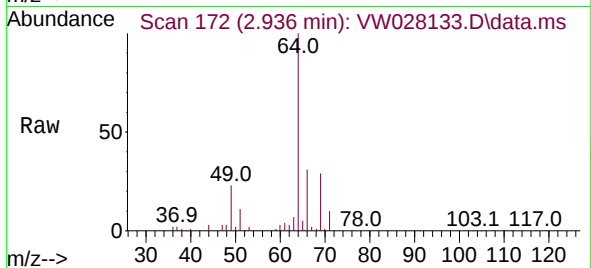




#8
Chloroethane
Concen: 24.118 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

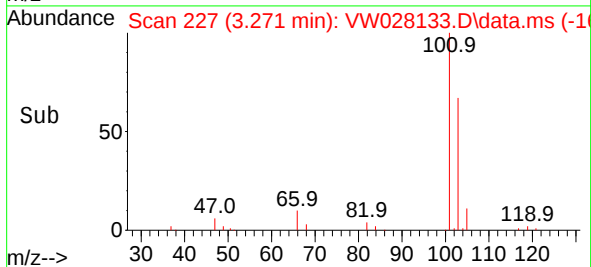
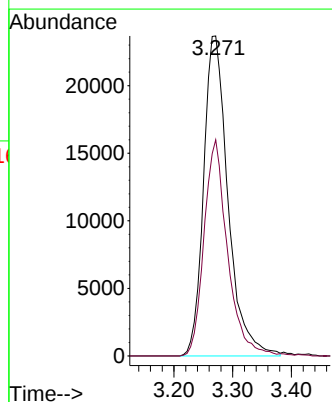
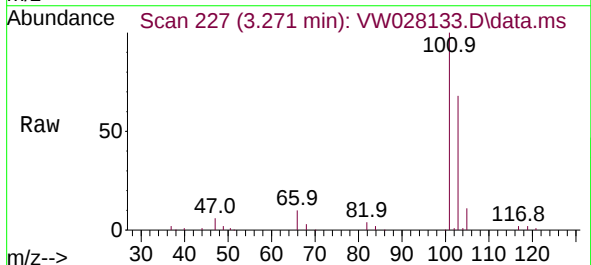
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MSVOA_W
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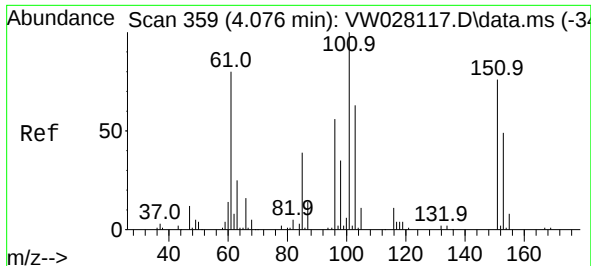
Tgt Ion: 64 Resp: 54226
Ion Ratio Lower Upper
64 100
66 31.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.502 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion:101 Resp: 68462
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8





#10

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

Concen: 22.916 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

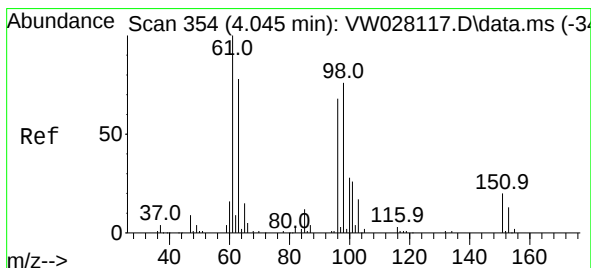
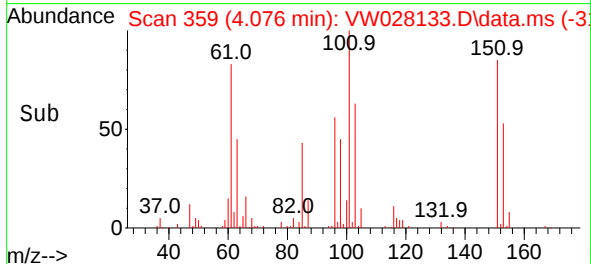
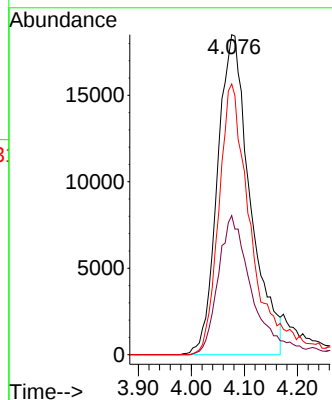
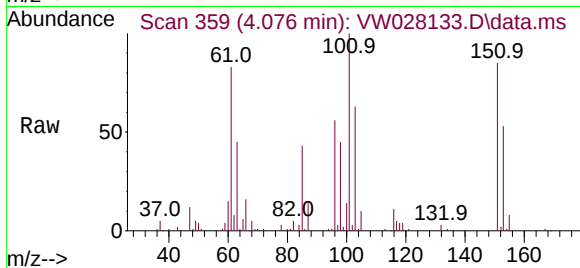
Tgt Ion:101 Resp: 79553

Ion Ratio Lower Upper

101 100

85 44.5 33.1 49.7

151 73.2 53.7 80.5



#12

1,1-Dichloroethene

Concen: 24.003 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028133.D

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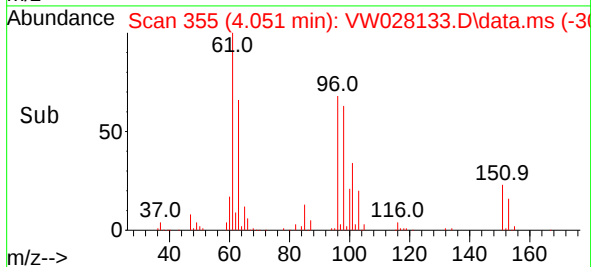
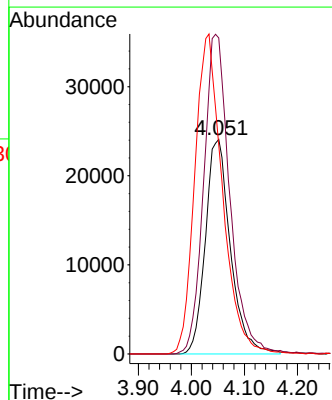
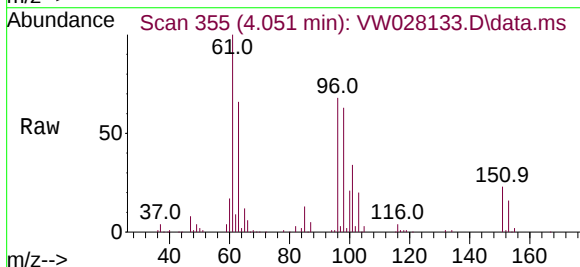
Tgt Ion: 96 Resp: 78912

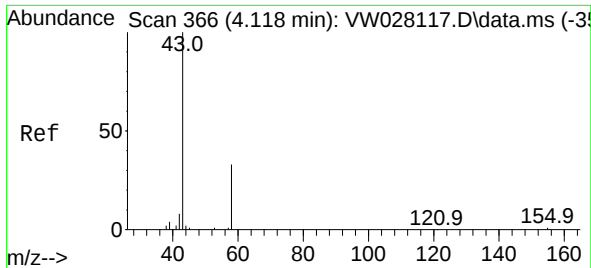
Ion Ratio Lower Upper

96 100

61 147.3 100.5 186.7

63 97.3 72.9 135.5

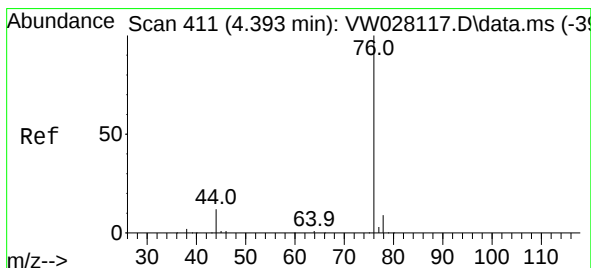
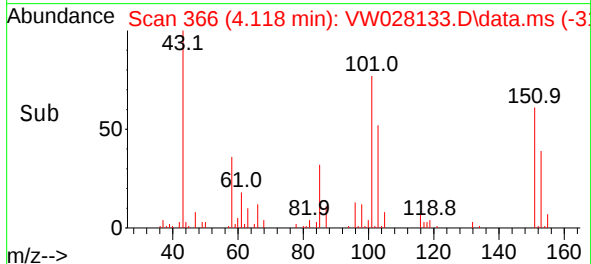
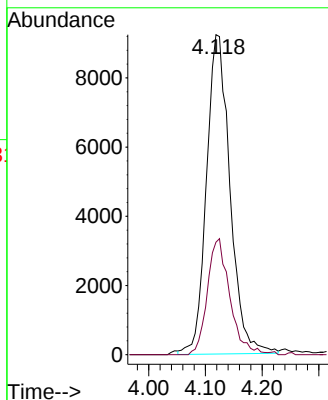
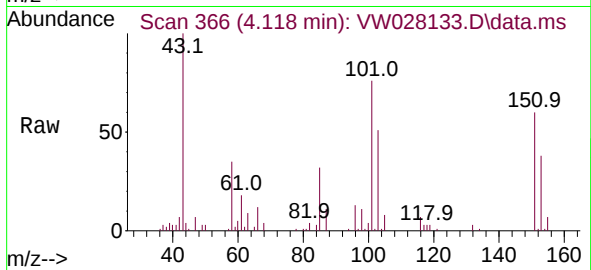




#13
Acetone
Concen: 42.362 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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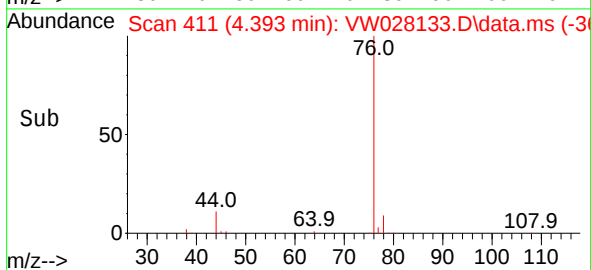
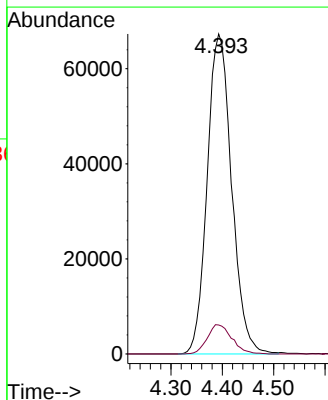
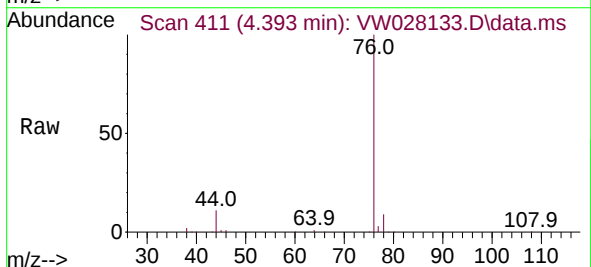
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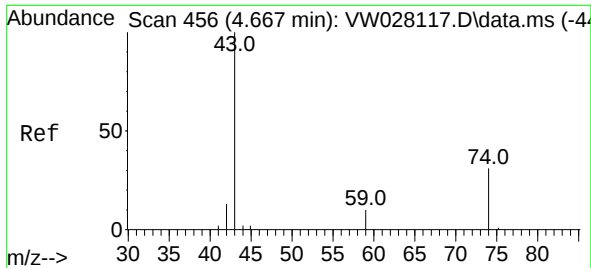
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Ion Ratio Lower Upper
43 100
58 33.2 0.0 70.0



#14
Carbon disulfide
Concen: 22.243 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion: 76 Resp: 222757
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9

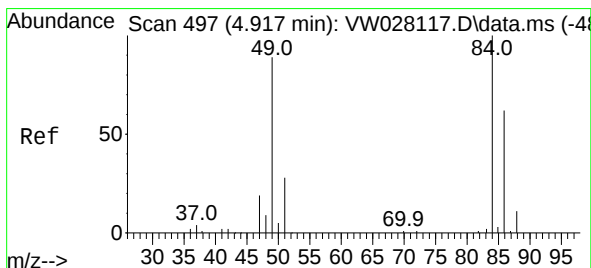
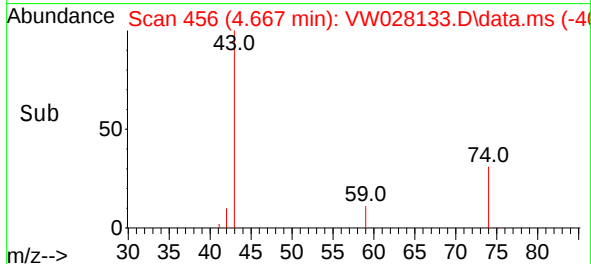
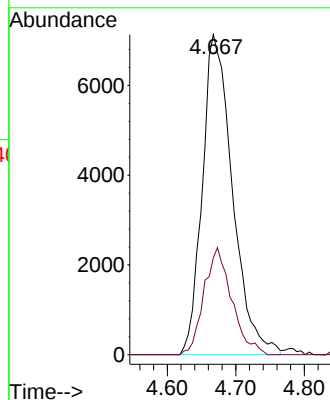
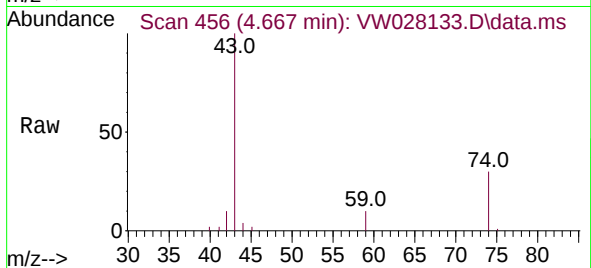




#15
Methyl Acetate
Concen: 24.527 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

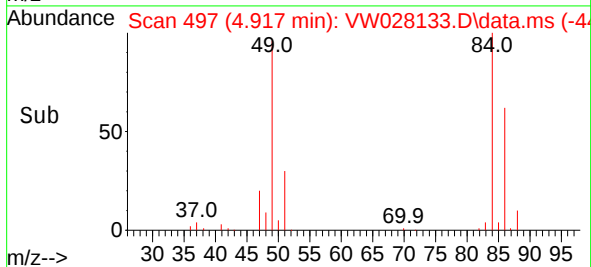
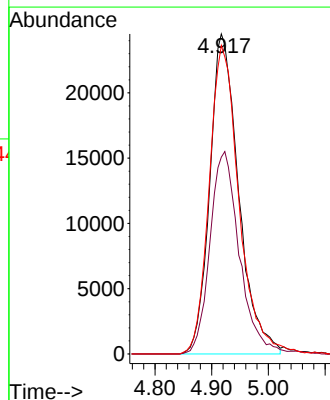
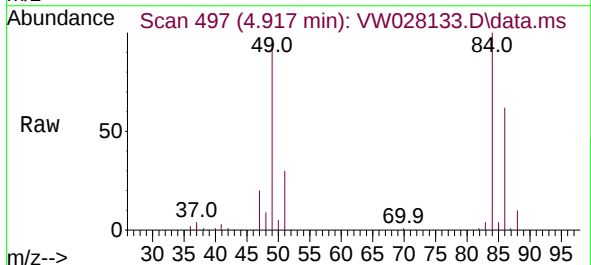
Instrument :
MSVOA_W
ClientSampleId :

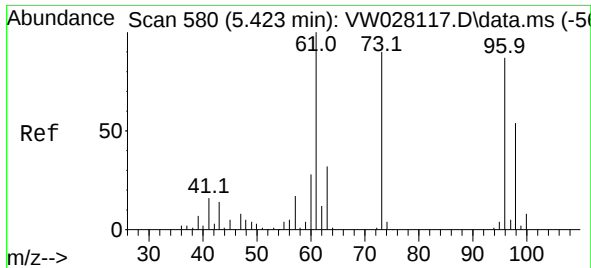
Tgt Ion: 43 Resp: 21822
Ion Ratio Lower Upper
43 100
74 30.0 24.3 36.5



#16
Methylene chloride
Concen: 23.835 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

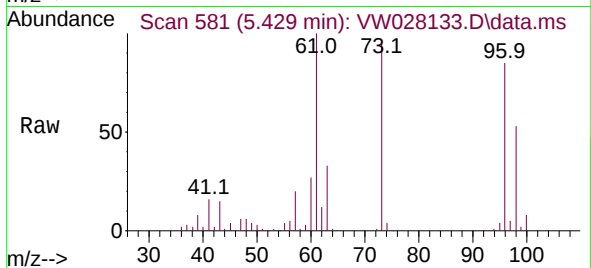
Tgt Ion: 84 Resp: 86709
Ion Ratio Lower Upper
84 100
86 61.5 41.2 76.6
49 96.4 66.5 123.5



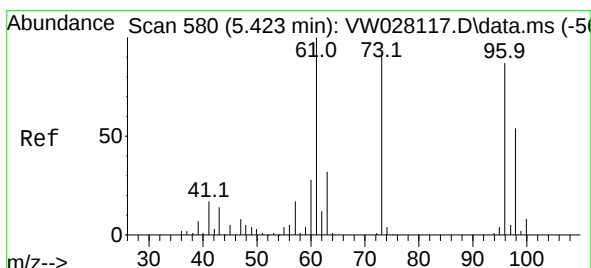
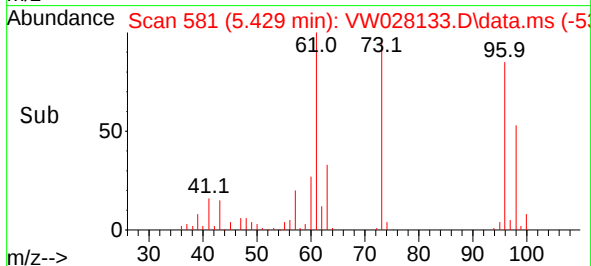
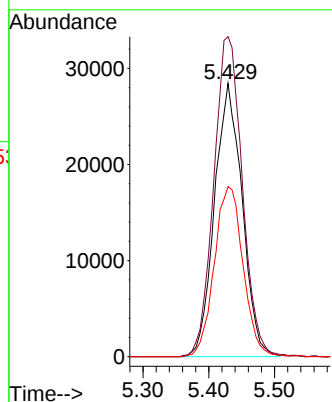


#17
trans-1,2-Dichloroethene
Concen: 23.678 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Instrument :
MSVOA_W
ClientSampleId :

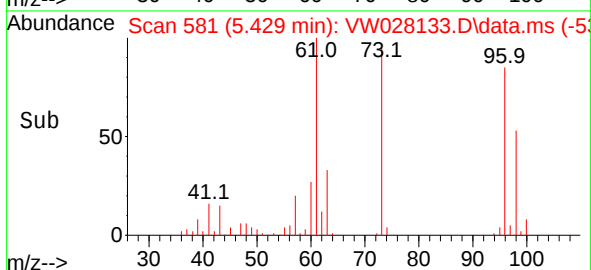
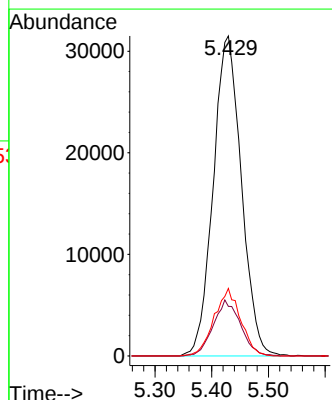
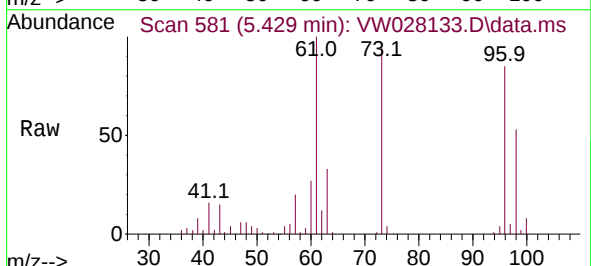


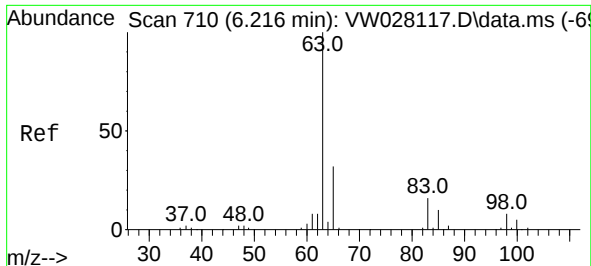
Tgt Ion: 96 Resp: 83178
Ion Ratio Lower Upper
96 100
61 117.1 82.6 153.4
98 62.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 25.221 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion: 73 Resp: 108503
Ion Ratio Lower Upper
73 100
43 17.0 13.3 19.9
57 19.7 15.9 23.9





#19

1,1-Dichloroethane

Concen: 24.477 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

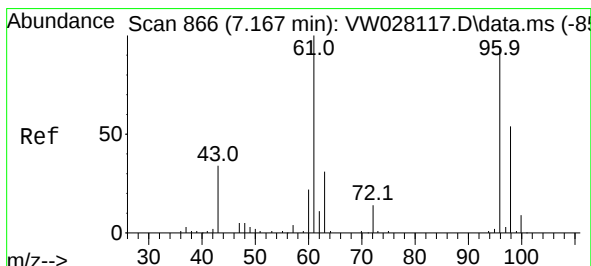
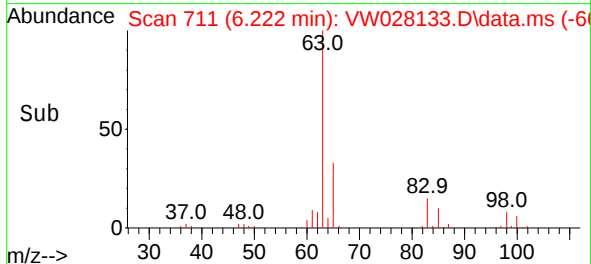
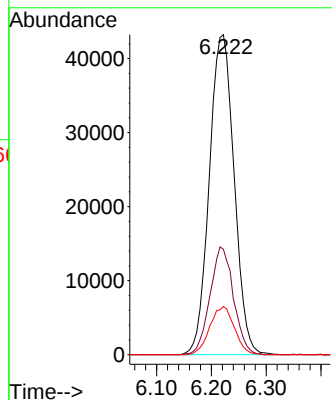
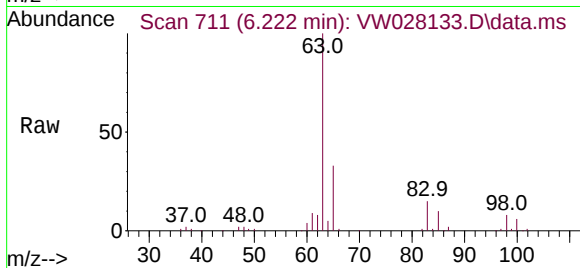
Tgt Ion: 63 Resp: 135957

Ion Ratio Lower Upper

63 100

65 32.9 23.2 43.0

83 15.0 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.280 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

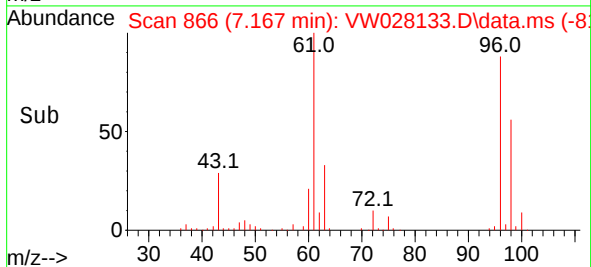
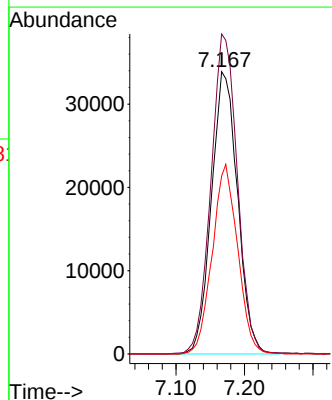
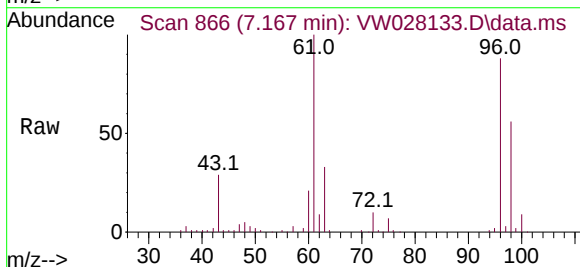
Tgt Ion: 96 Resp: 89763

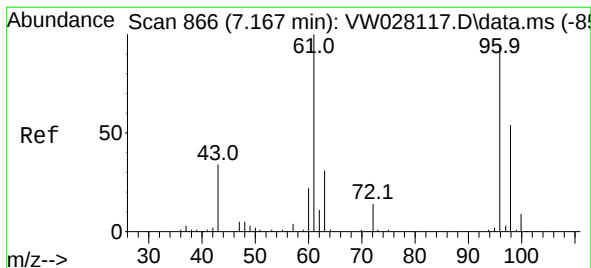
Ion Ratio Lower Upper

96 100

61 113.4 75.5 140.1

98 63.0 43.8 81.4





#22

2-Butanone

Concen: 44.133 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

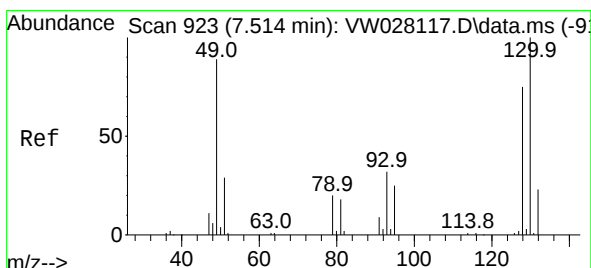
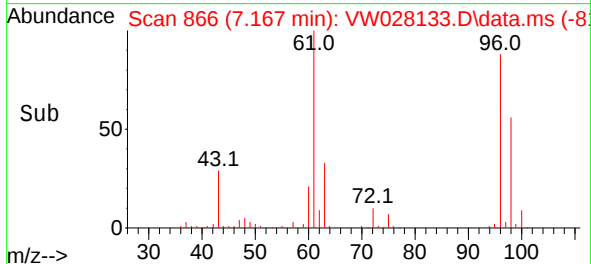
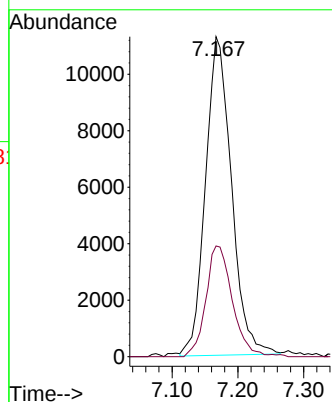
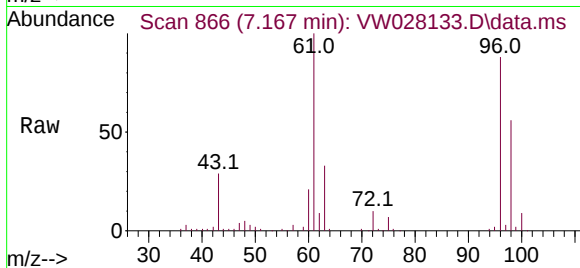
ClientSampleId :

Tgt Ion: 43 Resp: 31026

Ion Ratio Lower Upper

43 100

72 35.1 18.4 55.0



#23

Bromochloromethane

Concen: 23.770 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Tgt Ion: 128 Resp: 41254

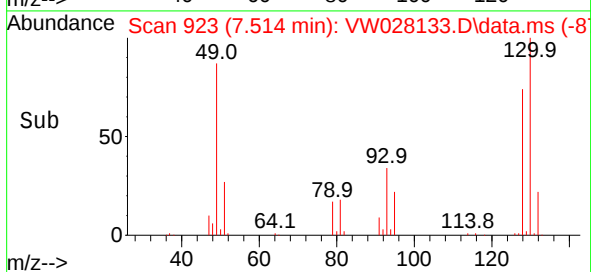
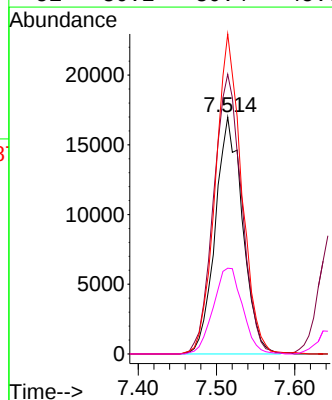
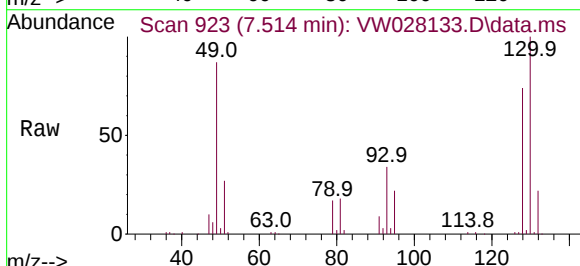
Ion Ratio Lower Upper

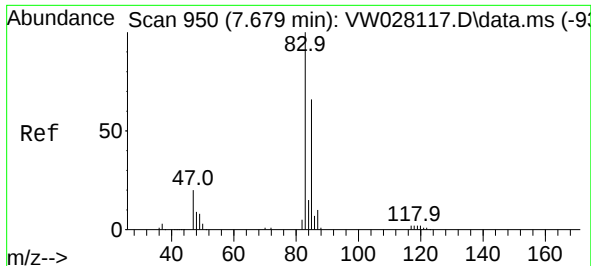
128 100

49 118.0 84.4 156.8

130 135.1 91.1 169.3

51 36.2 30.4 45.6





#25

Chloroform

Concen: 24.429 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

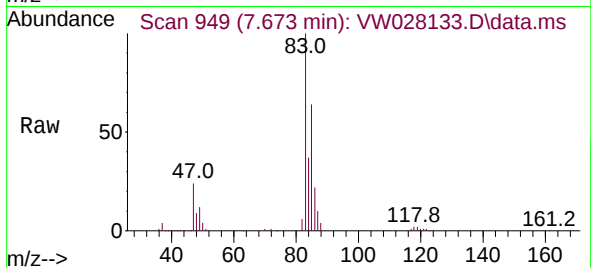
Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

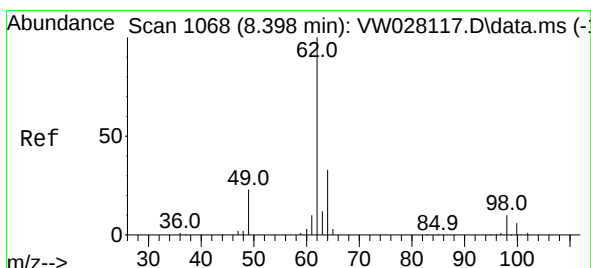
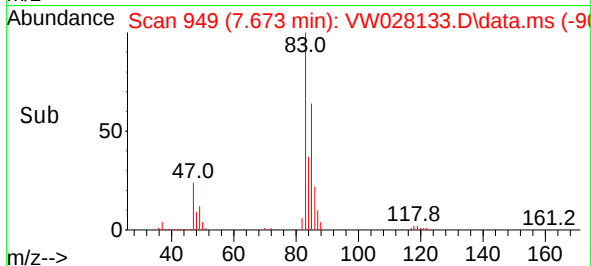
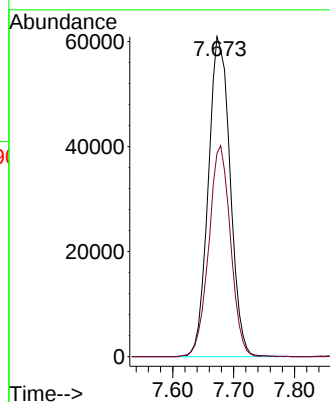


Tgt Ion: 83 Resp: 151559

Ion Ratio Lower Upper

83 100

85 63.5 46.5 86.5



#27

1,2-Dichloroethane

Concen: 24.652 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028133.D

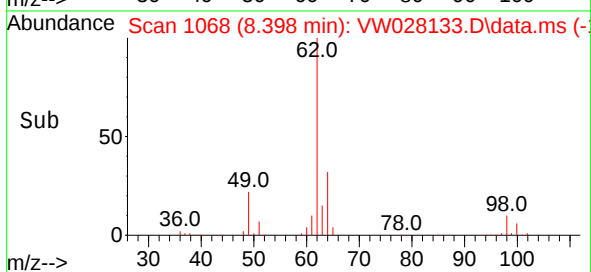
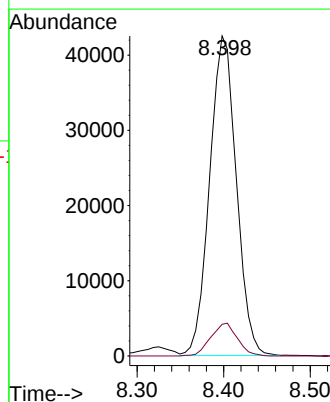
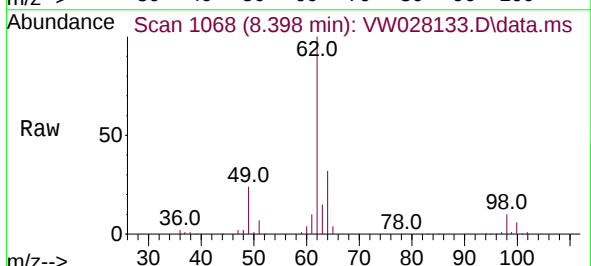
Acq: 07 Mar 2024 17:44

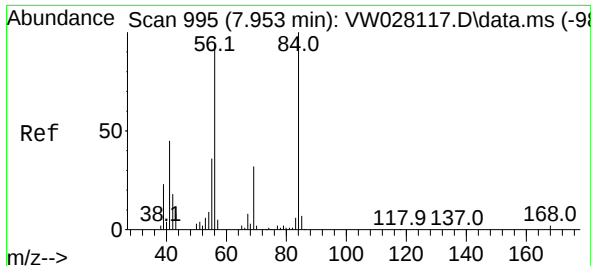
Tgt Ion: 62 Resp: 90945

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4





#29

Cyclohexane

Concen: 23.022 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

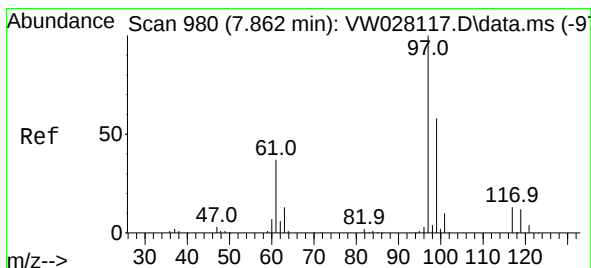
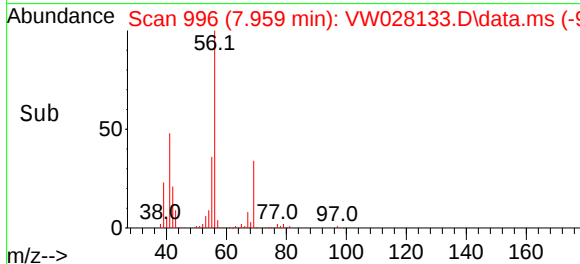
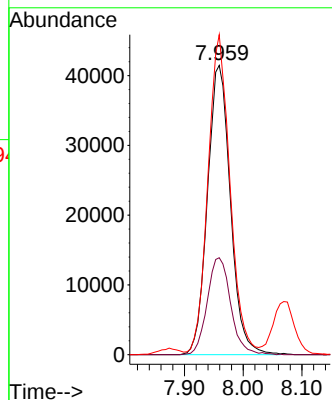
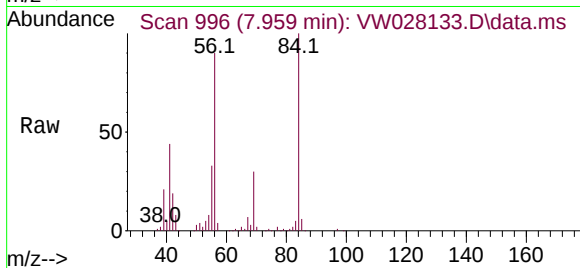
Tgt Ion: 56 Resp: 112676

Ion Ratio Lower Upper

56 100

69 34.2 27.6 41.4

84 106.6 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 23.137 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.012 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

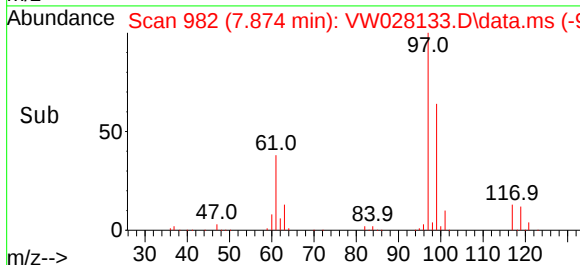
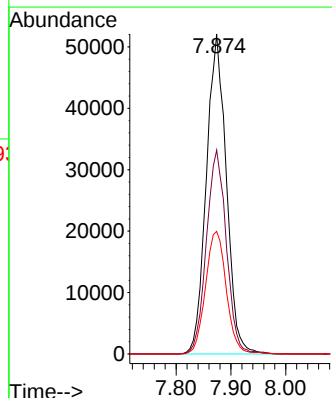
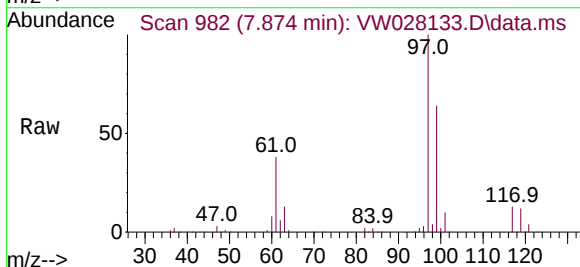
Tgt Ion: 97 Resp: 131478

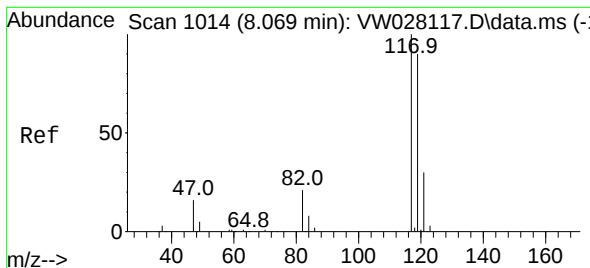
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 39.8 31.8 47.6





#31

Carbon tetrachloride

Concen: 24.005 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

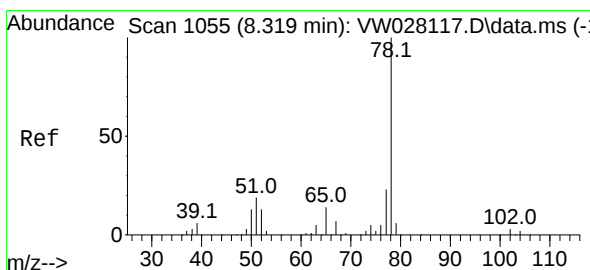
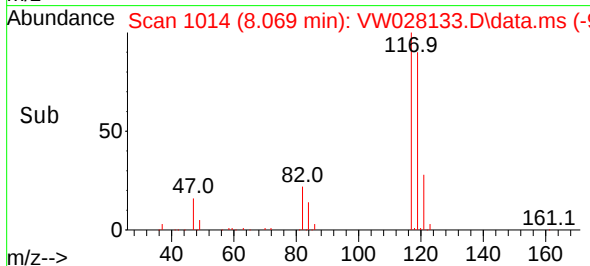
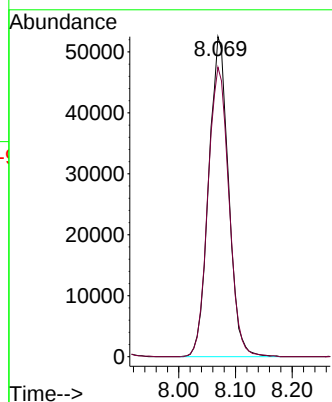
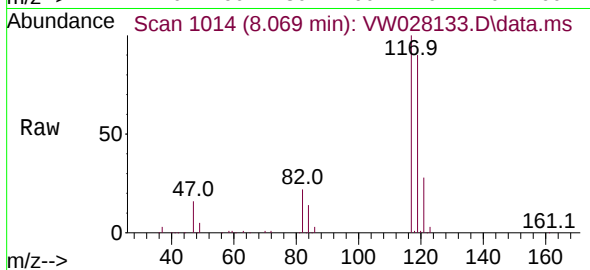
ClientSampleId :

Tgt Ion:117 Resp: 127382

Ion Ratio Lower Upper

117 100

119 95.9 76.8 115.2



#33

Benzene

Concen: 23.151 ug/L

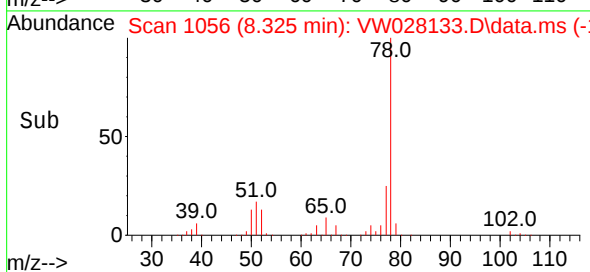
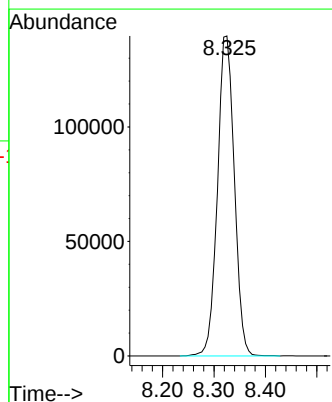
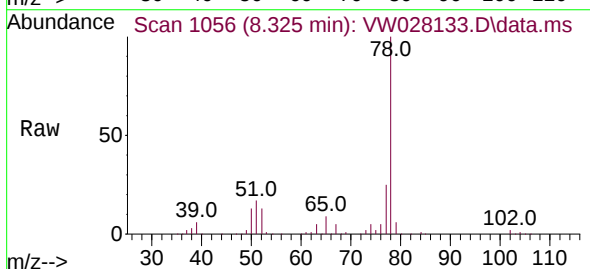
RT: 8.325 min Scan# 1056

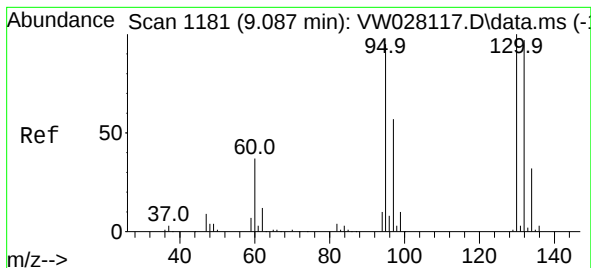
Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Tgt Ion: 78 Resp: 318319





#34

Trichloroethene

Concen: 22.473 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 90539

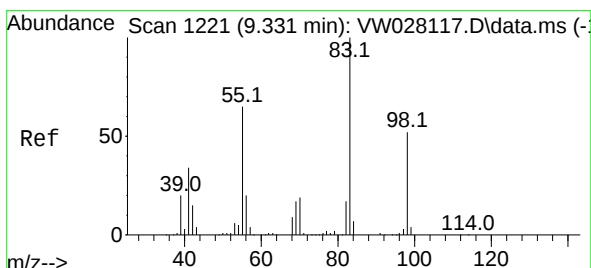
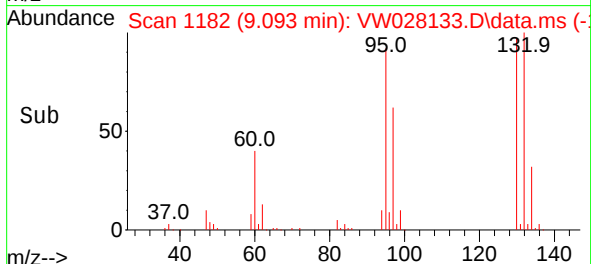
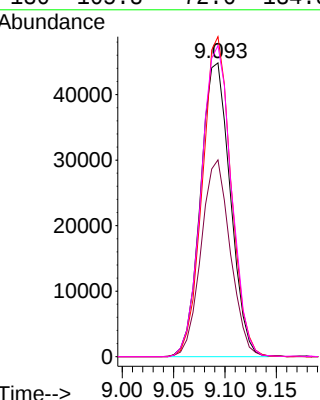
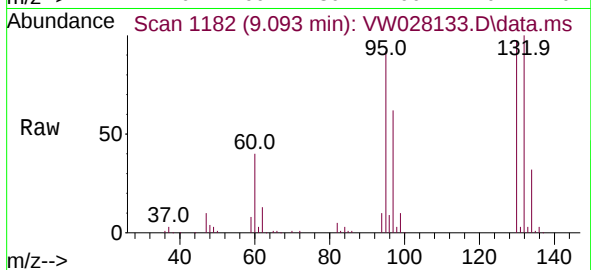
Ion Ratio Lower Upper

95 100

97 67.0 44.5 82.7

132 108.9 68.3 126.9

130 105.8 72.6 134.8



#35

Methylcyclohexane

Concen: 23.365 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

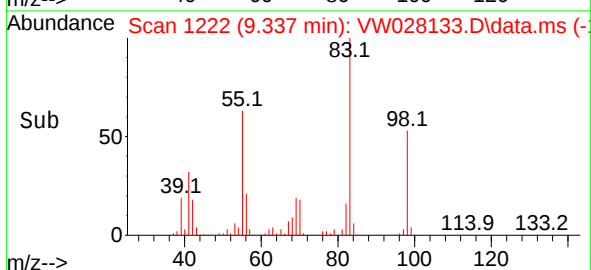
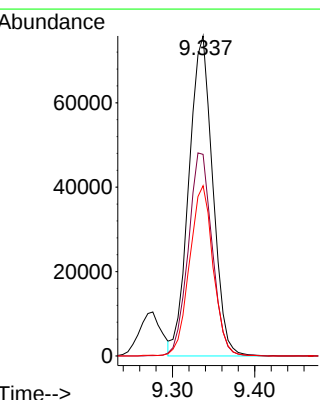
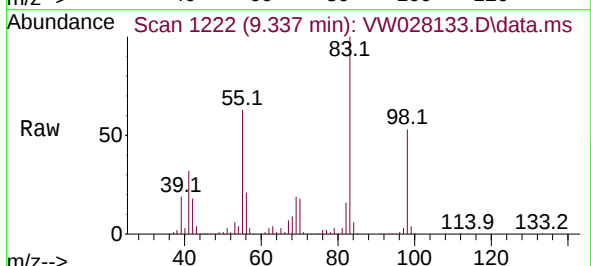
Tgt Ion: 83 Resp: 152349

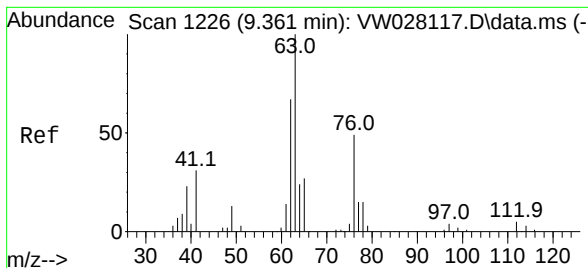
Ion Ratio Lower Upper

83 100

55 63.8 52.1 78.1

98 52.8 42.2 63.4





#37

1,2-Dichloropropane

Concen: 22.824 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

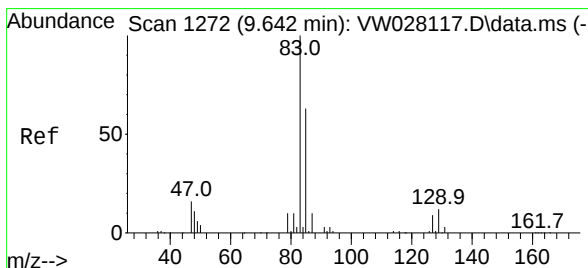
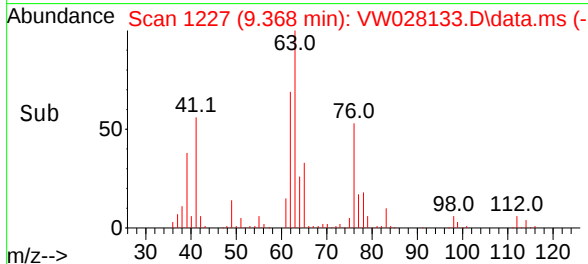
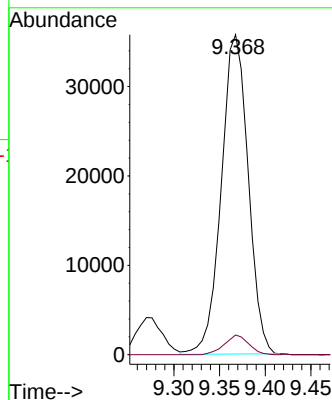
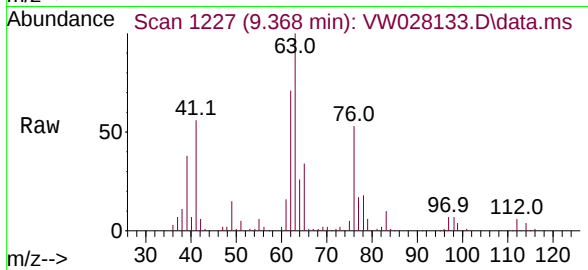
ClientSampleId :

Tgt Ion: 63 Resp: 73083

Ion Ratio Lower Upper

63 100

112 5.5 4.4 6.6



#38

Bromodichloromethane

Concen: 23.589 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

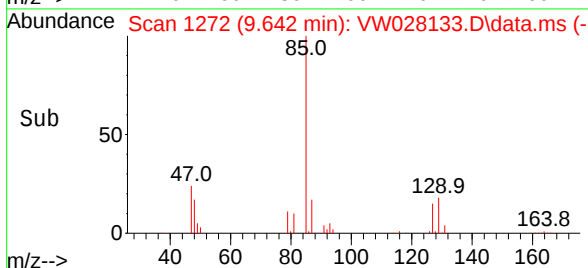
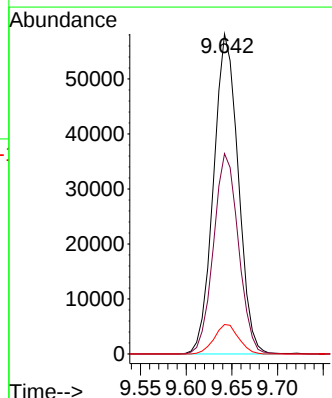
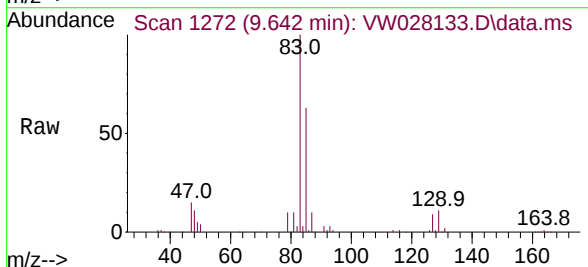
Tgt Ion: 83 Resp: 109100

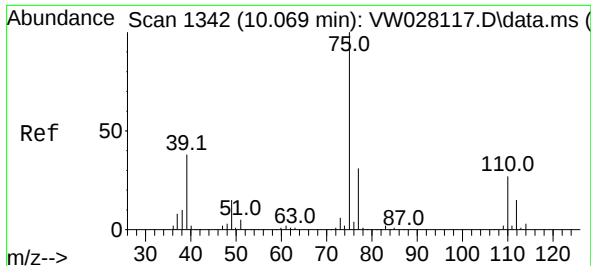
Ion Ratio Lower Upper

83 100

85 62.6 43.3 80.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 23.561 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

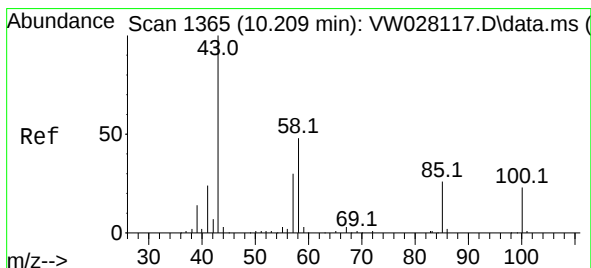
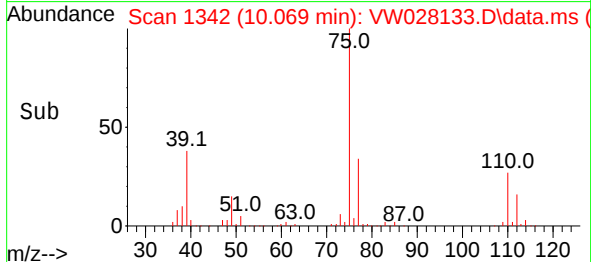
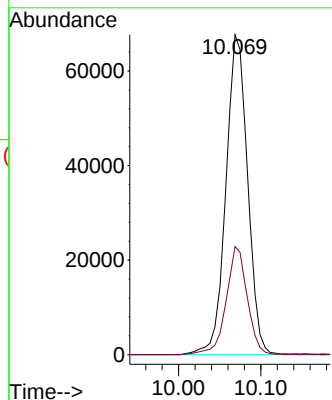
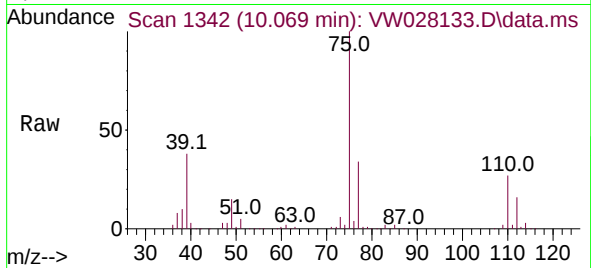
ClientSampleId :

Tgt Ion: 75 Resp: 124063

Ion Ratio Lower Upper

75 100

77 33.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 48.341 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

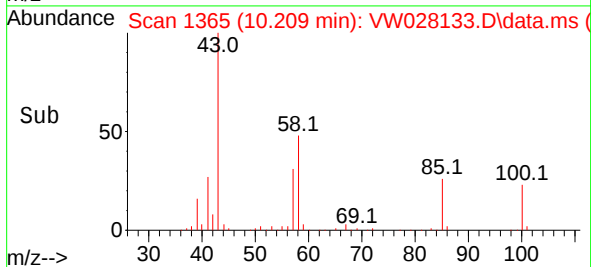
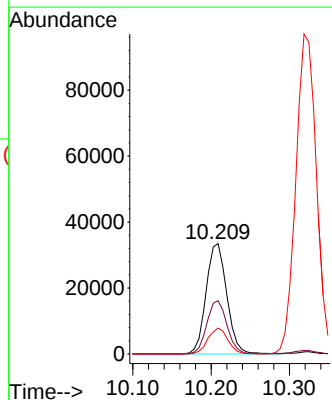
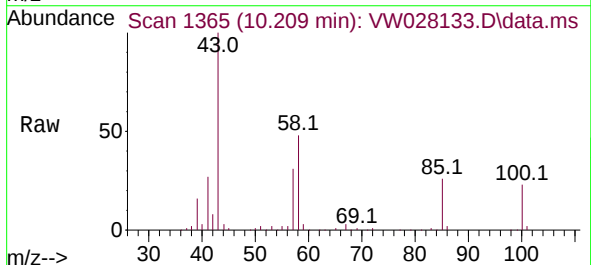
Tgt Ion: 43 Resp: 61479

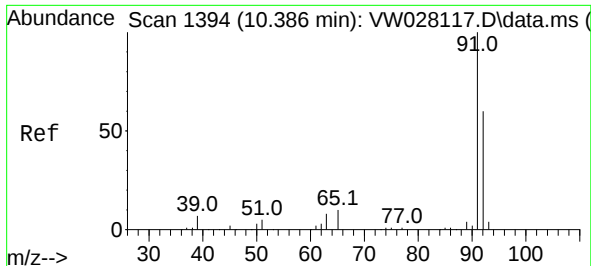
Ion Ratio Lower Upper

43 100

58 47.1 37.8 56.8

100 22.5 18.2 27.4

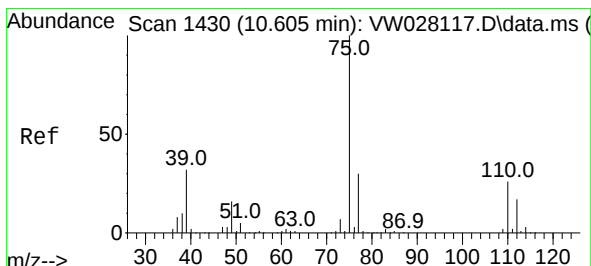
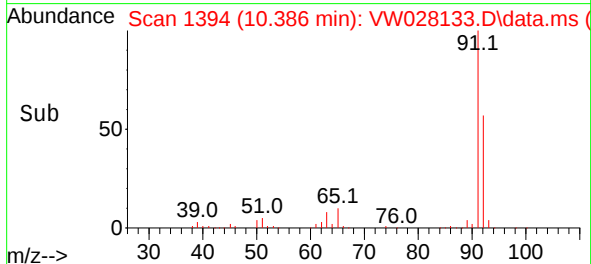
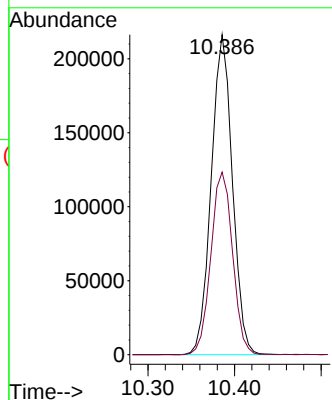
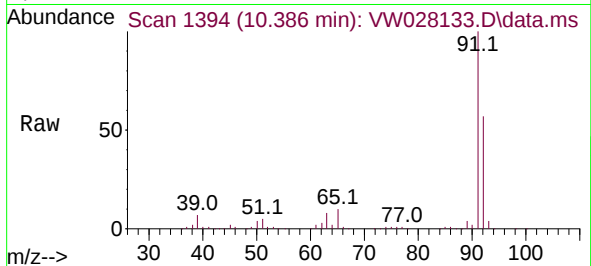




#42
Toluene
Concen: 23.644 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

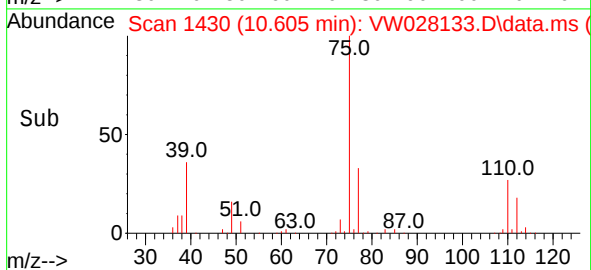
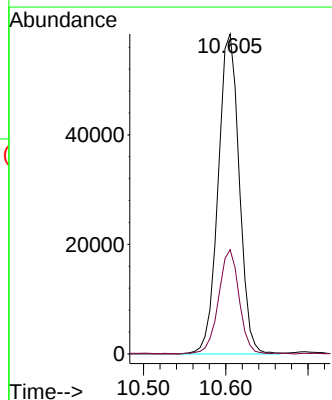
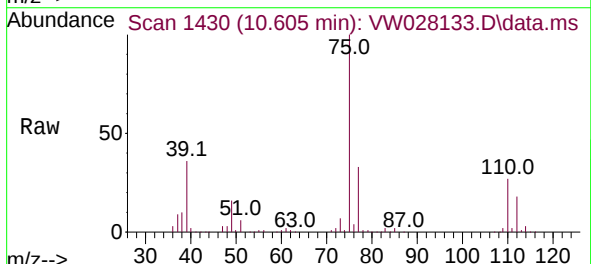
Instrument :
MSVOA_W
ClientSampleId :

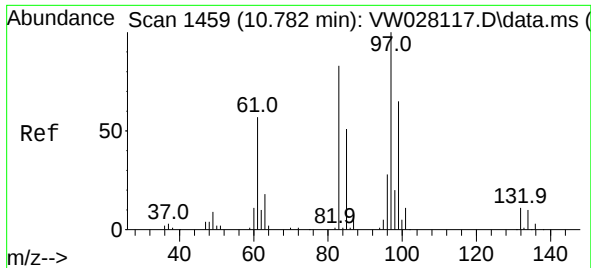
Tgt Ion: 91 Resp: 367339
Ion Ratio Lower Upper
91 100
92 57.1 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 24.335 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

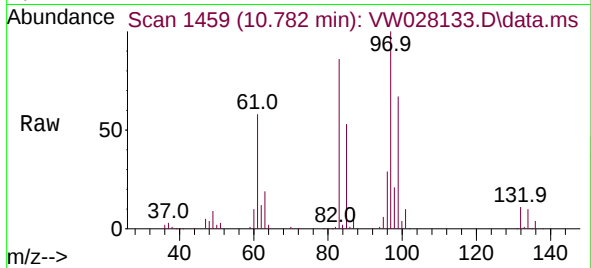
Tgt Ion: 75 Resp: 104096
Ion Ratio Lower Upper
75 100
77 32.6 22.9 42.5



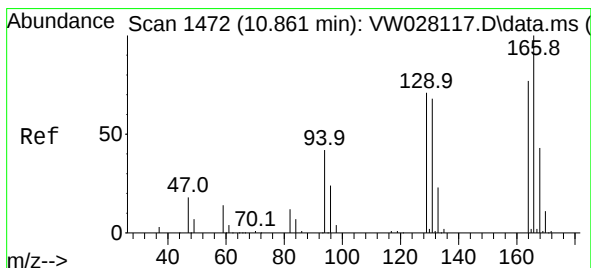
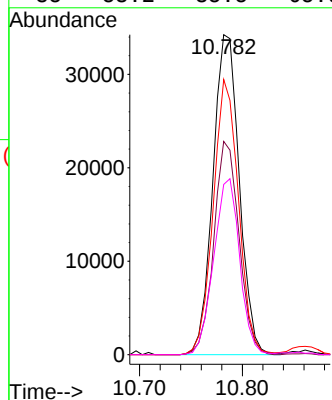
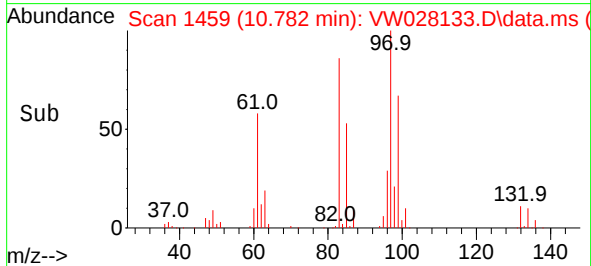


#45
1,1,2-Trichloroethane
Concen: 22.744 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

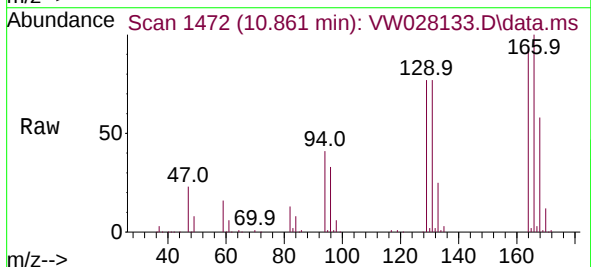
Instrument :
MSVOA_W
ClientSampleId :



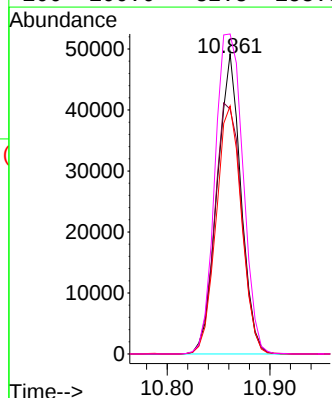
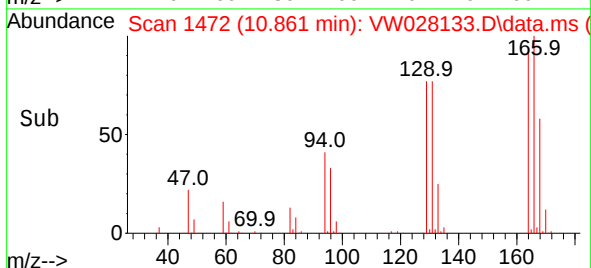
Tgt Ion:	97	Resp:	61077
Ion	Ratio	Lower	Upper
97	100		
99	66.7	41.9	77.7
83	86.0	56.1	104.1
85	53.2	35.5	65.9

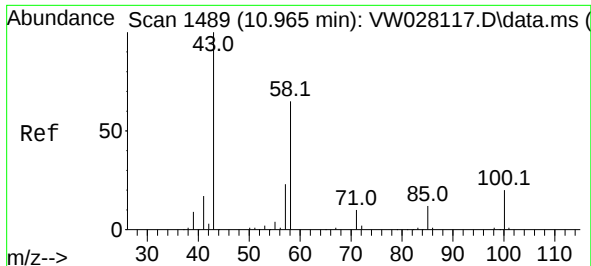


#46
Tetrachloroethene
Concen: 23.448 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44



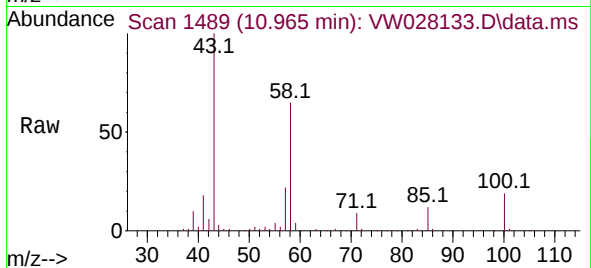
Tgt Ion:	164	Resp:	79173
Ion	Ratio	Lower	Upper
164	100		
129	81.6	65.2	121.0
131	82.6	66.2	123.0
166	106.6	82.8	153.8



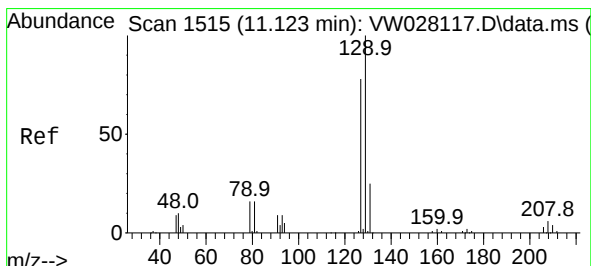
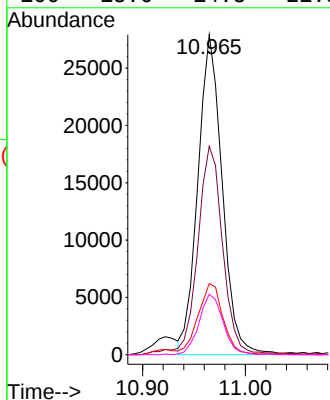
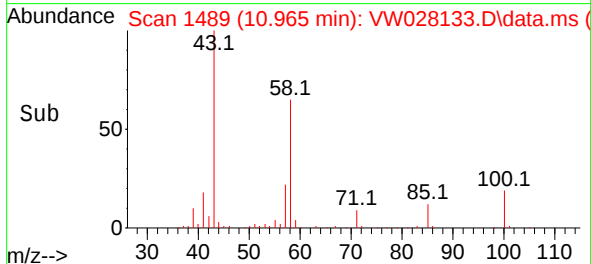


#48
2-Hexanone
Concen: 44.814 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Instrument :
MSVOA_W
ClientSampleId :

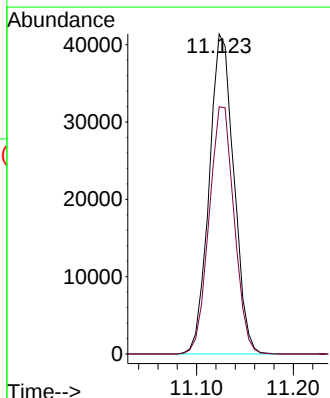
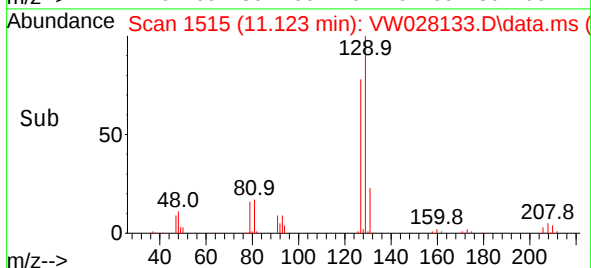
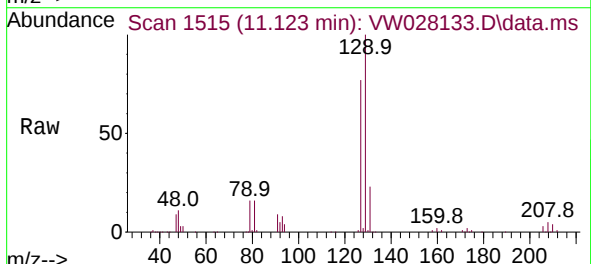


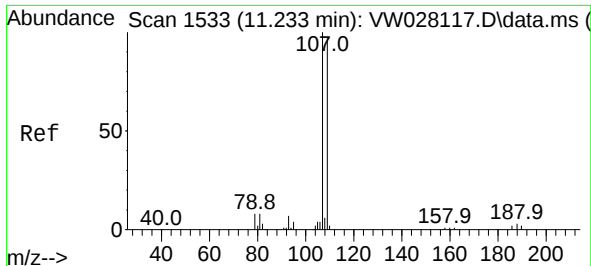
Tgt Ion:	43	Resp:	46083
Ion	Ratio	Lower	Upper
43	100		
58	66.0	51.8	77.8
57	22.7	18.2	27.4
100	18.6	14.3	21.5



#49
Dibromochloromethane
Concen: 23.505 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion:	129	Resp:	73378
Ion	Ratio	Lower	Upper
129	100		
127	77.3	57.1	106.1





#50

1,2-Dibromoethane

Concen: 23.463 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028133.D

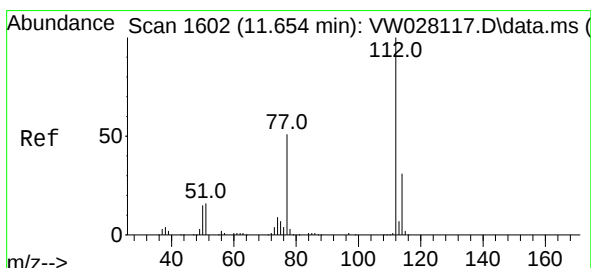
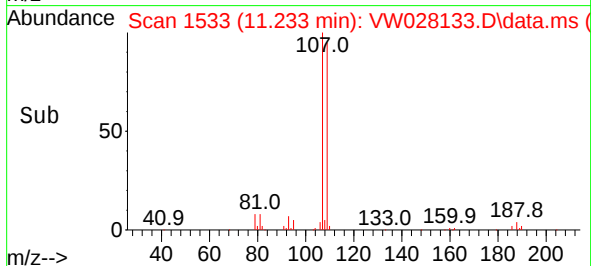
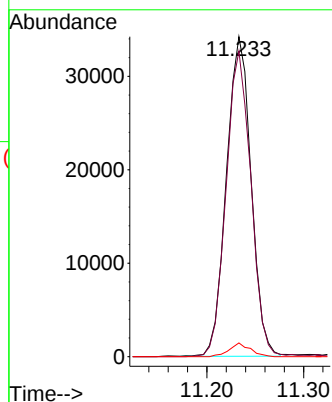
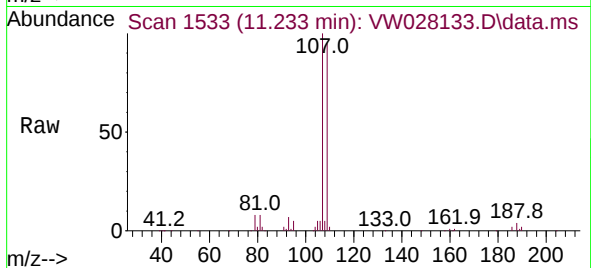
Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	60685
Ion Ratio	Lower	Upper
107	100	
109	95.5	67.5 125.3
188	4.3	3.1 4.7



#51

Chlorobenzene

Concen: 23.483 ug/L

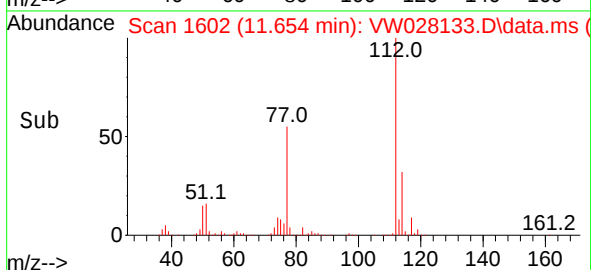
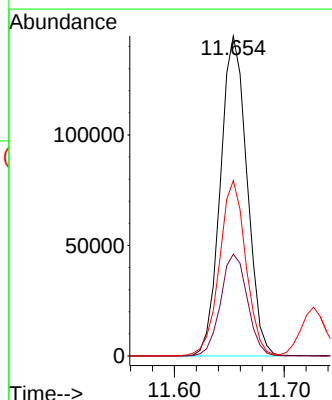
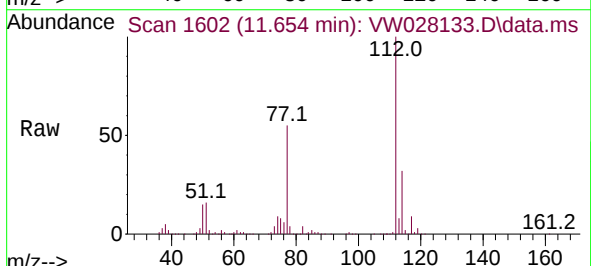
RT: 11.654 min Scan# 1602

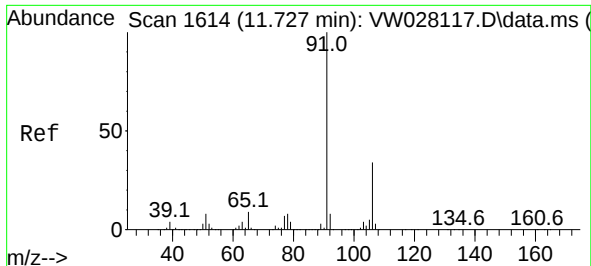
Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Tgt Ion:112	Resp:	243436
Ion Ratio	Lower	Upper
112	100	
114	31.8	20.6 38.4
77	54.8	40.0 60.0





#52

Ethylbenzene

Concen: 23.825 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

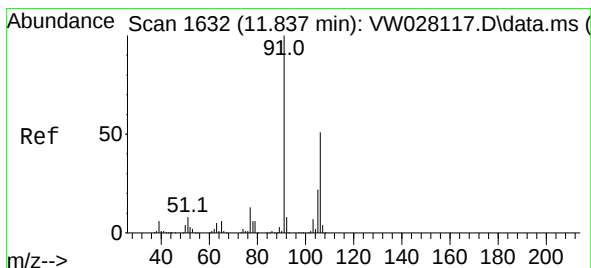
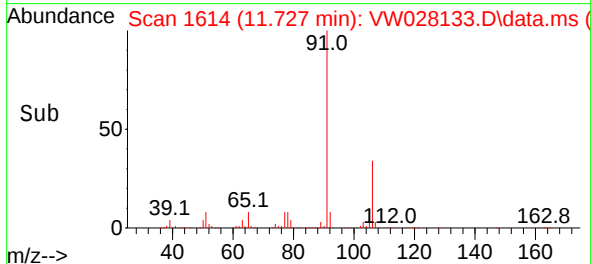
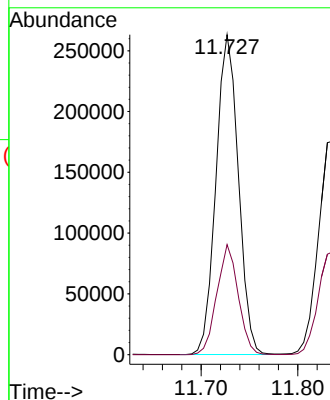
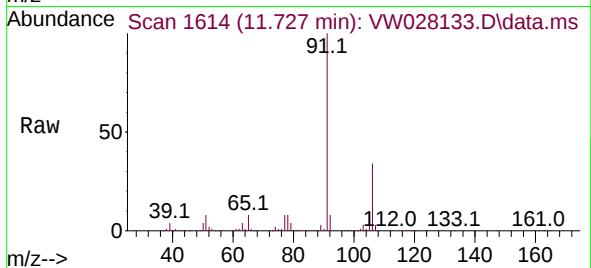
ClientSampleId :

Tgt Ion: 91 Resp: 423202

Ion Ratio Lower Upper

91 100

106 34.4 23.8 44.2



#53

m,p-Xylene

Concen: 24.004 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028133.D

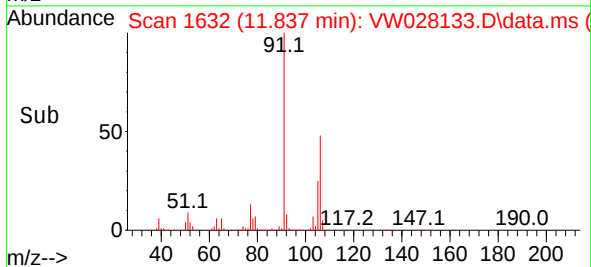
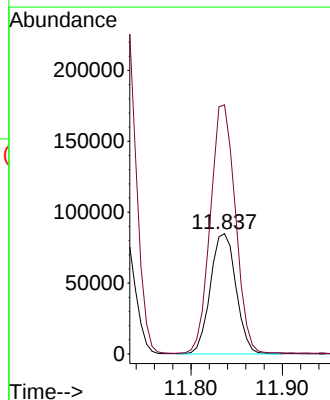
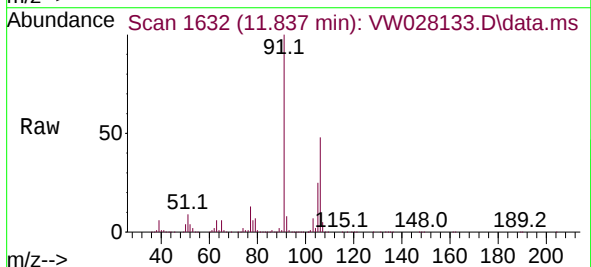
Acq: 07 Mar 2024 17:44

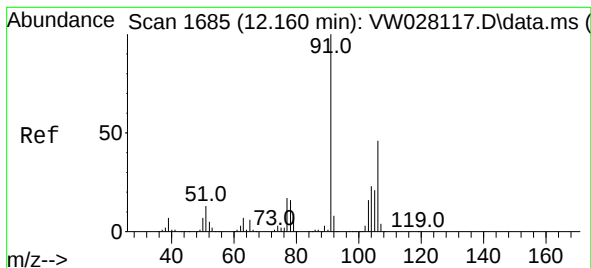
Tgt Ion:106 Resp: 165430

Ion Ratio Lower Upper

106 100

91 207.1 139.7 259.4





#54

o-Xylene

Concen: 23.998 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

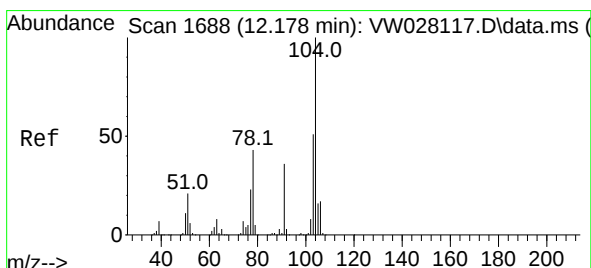
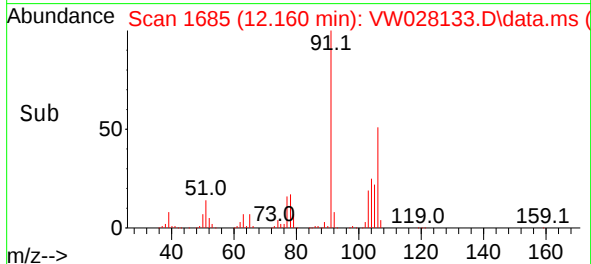
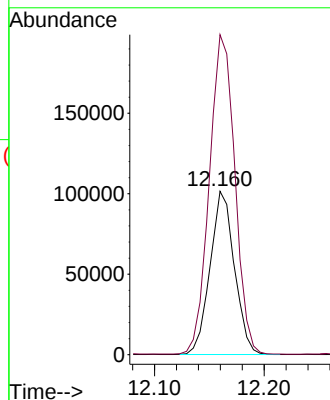
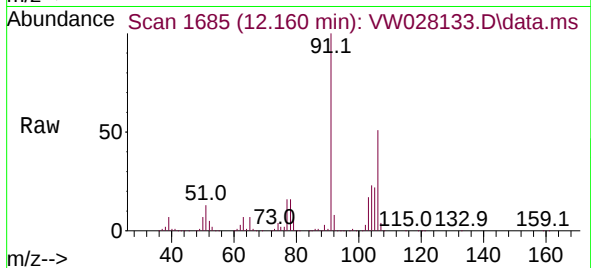
ClientSampleId :

Tgt Ion:106 Resp: 156521

Ion Ratio Lower Upper

106 100

91 195.9 145.2 269.6



#55

Styrene

Concen: 23.664 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028133.D

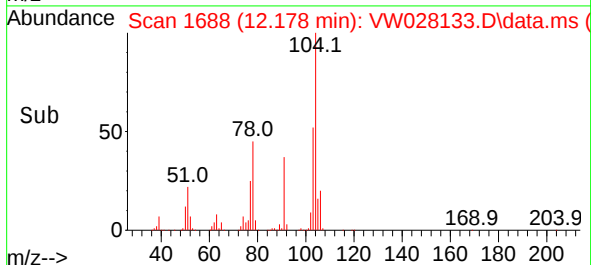
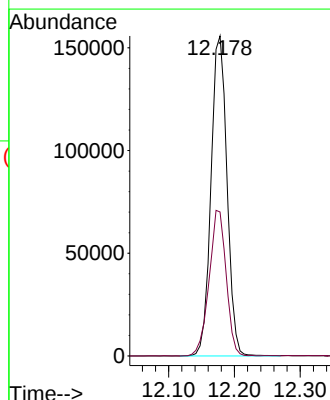
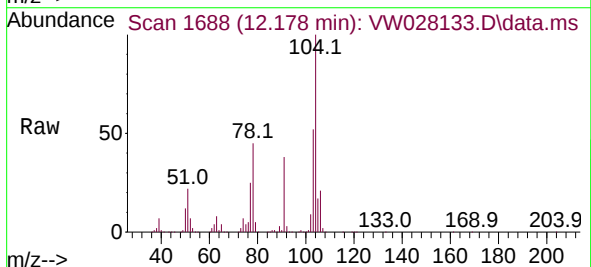
Acq: 07 Mar 2024 17:44

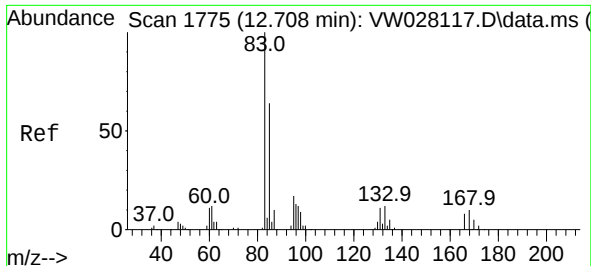
Tgt Ion:104 Resp: 263223

Ion Ratio Lower Upper

104 100

78 45.0 29.1 54.1

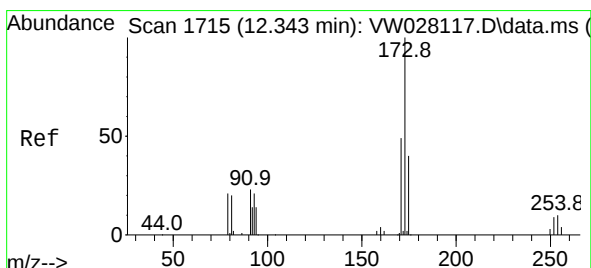
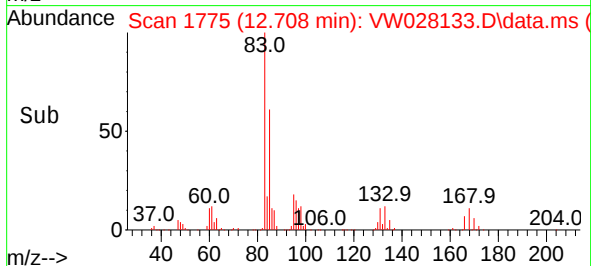
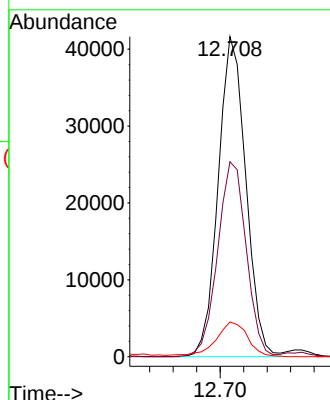
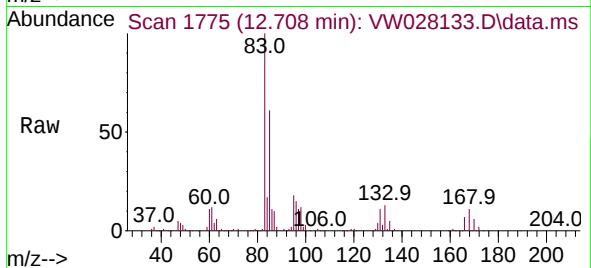




#57
1,1,2-Tetrachloroethane
Concen: 23.467 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

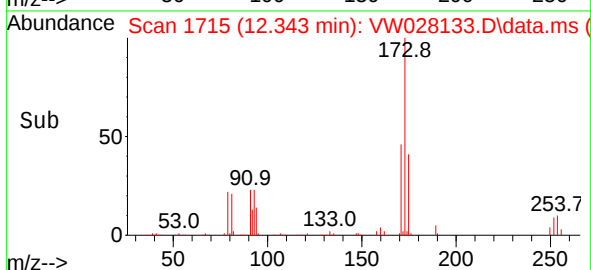
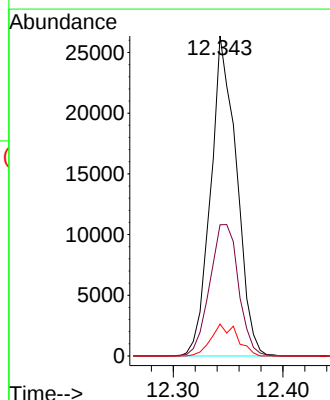
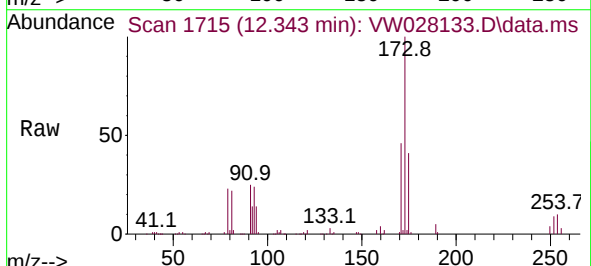
Instrument :
MSVOA_W
ClientSampleId :

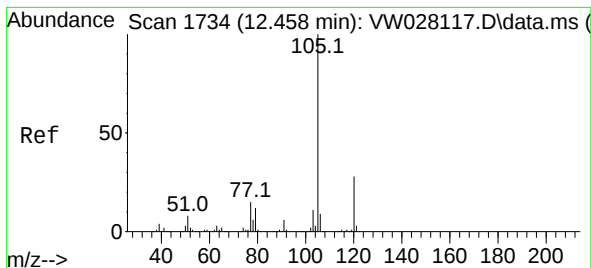
Tgt Ion: 83	Resp: 67949
Ion Ratio	Lower Upper
83 100	
85 60.9	45.7 84.9
131 10.8	9.7 14.5



#59
Bromoform
Concen: 23.424 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion: 173	Resp: 43234
Ion Ratio	Lower Upper
173 100	
175 45.7	37.2 55.8
254 10.2	8.5 12.7





#60

Isopropylbenzene

Concen: 24.277 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

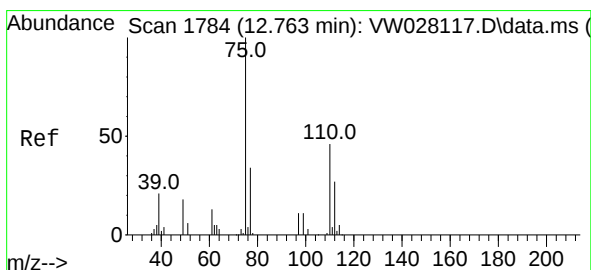
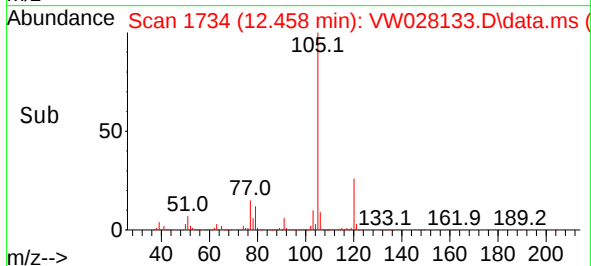
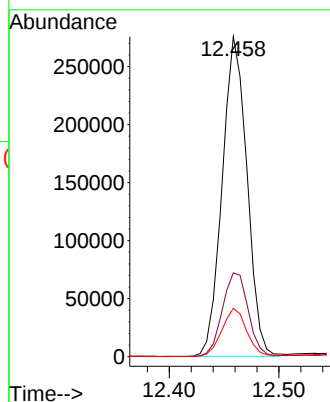
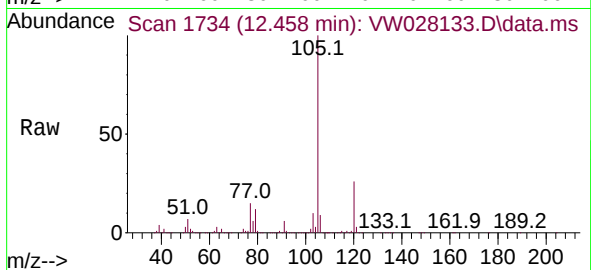
Tgt Ion:105 Resp: 433622

Ion Ratio Lower Upper

105 100

120 27.3 22.2 33.2

77 15.1 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 23.772 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

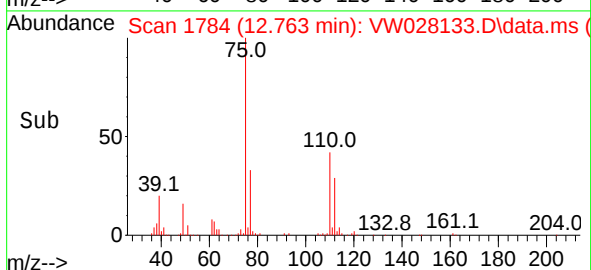
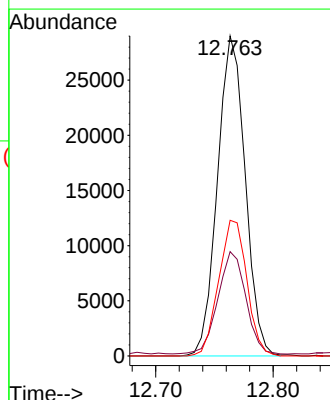
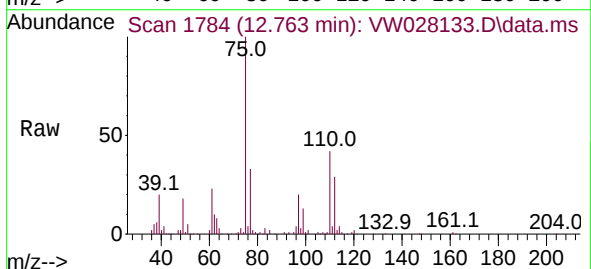
Tgt Ion: 75 Resp: 47578

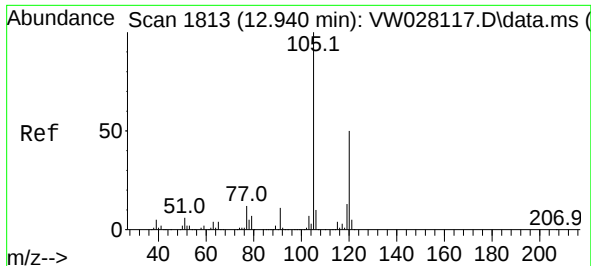
Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9

110 43.0 34.1 51.1

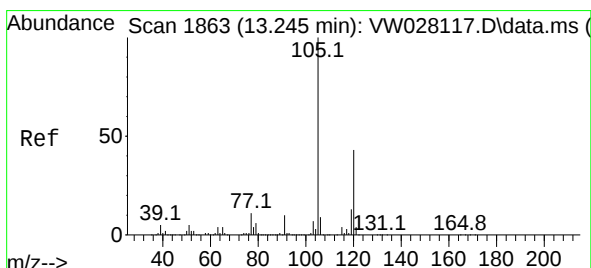
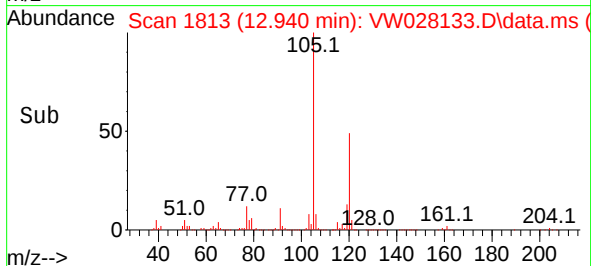
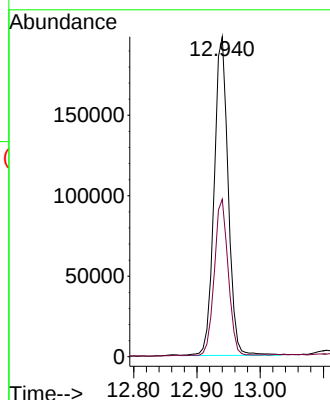
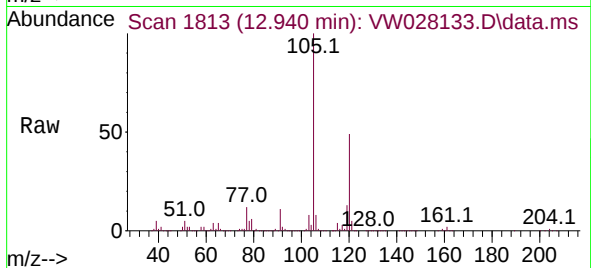




#62
1,3,5-Trimethylbenzene
Concen: 26.075 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

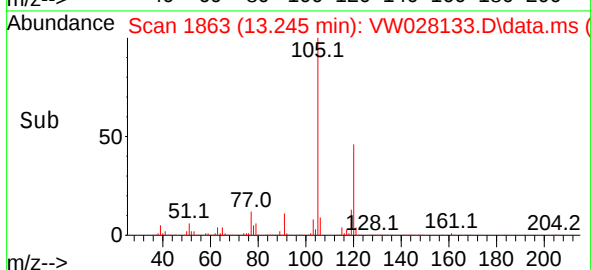
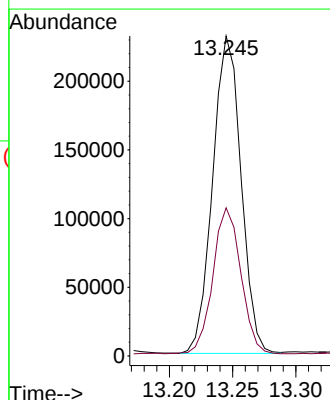
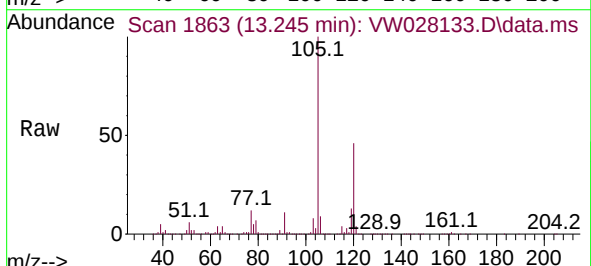
Instrument :
MSVOA_W
ClientSampleId :

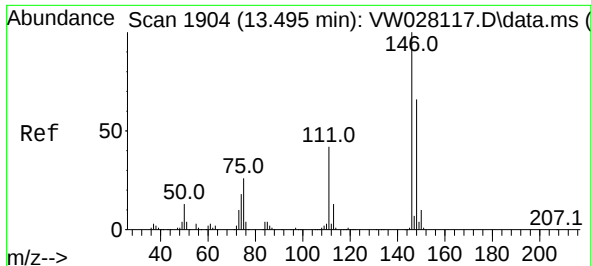
Tgt Ion:105 Resp: 305351
Ion Ratio Lower Upper
105 100
120 47.9 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 25.791 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion:105 Resp: 360167
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 23.952 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

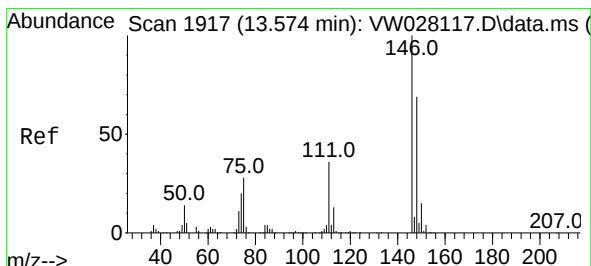
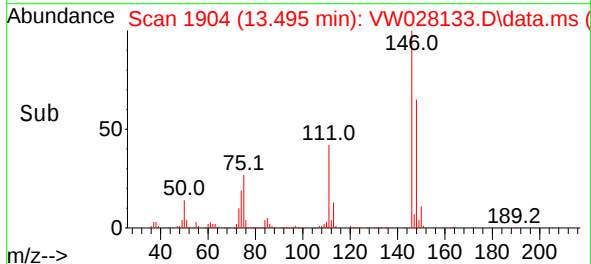
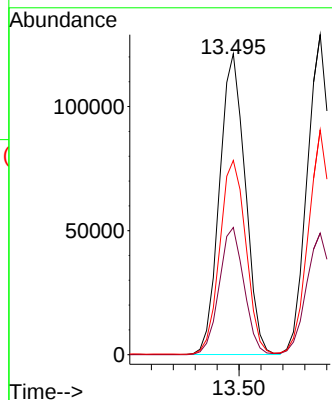
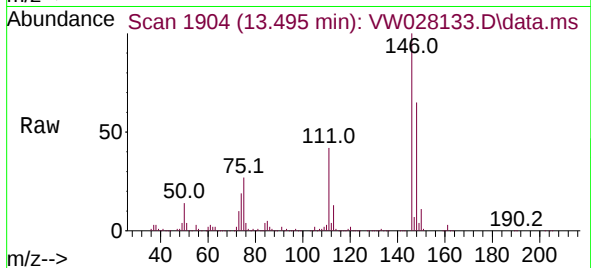
Tgt Ion:146 Resp: 197720

Ion Ratio Lower Upper

146 100

111 42.3 27.9 51.9

148 64.6 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 23.994 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

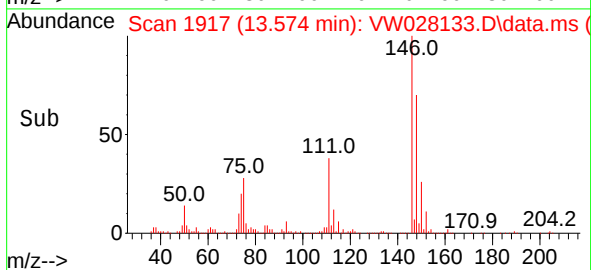
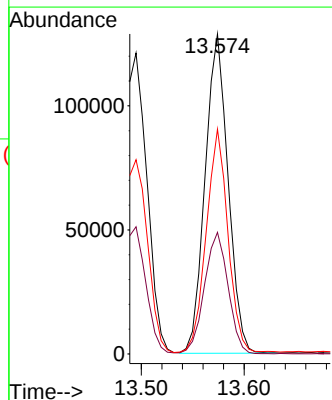
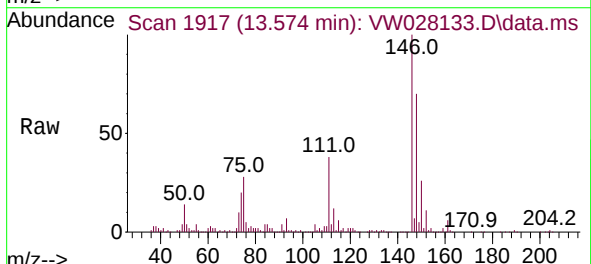
Tgt Ion:146 Resp: 199962

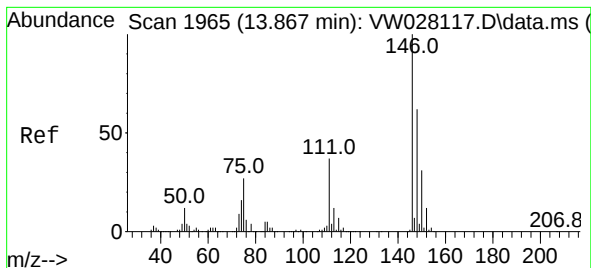
Ion Ratio Lower Upper

146 100

111 38.0 29.3 54.5

148 70.3 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 23.394 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

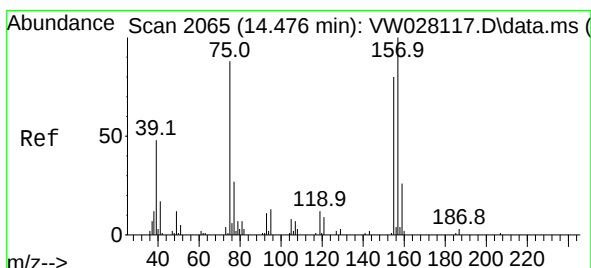
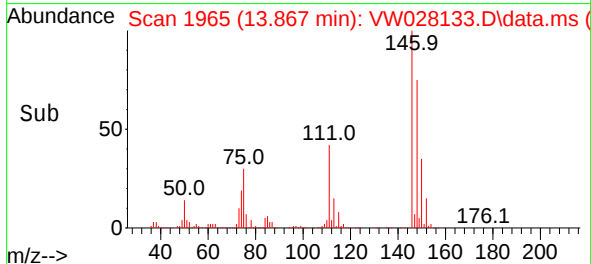
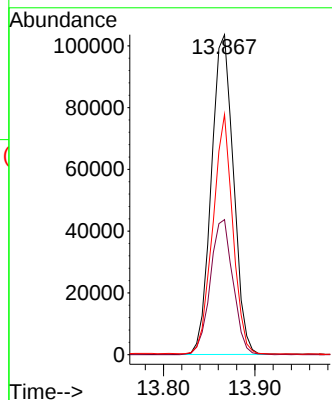
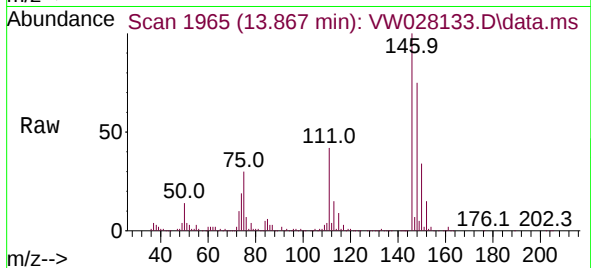
Tgt Ion:146 Resp: 173955

Ion Ratio Lower Upper

146 100

111 42.2 35.4 53.0

148 75.1 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.486 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

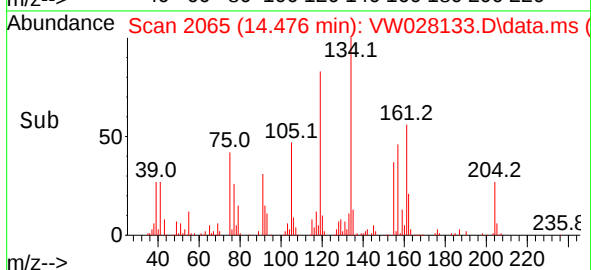
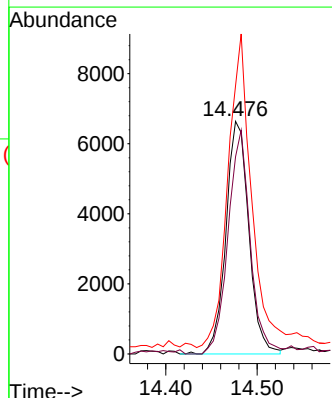
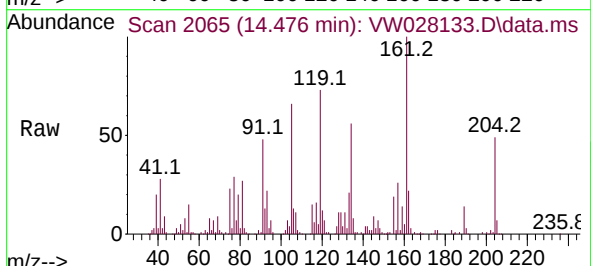
Tgt Ion: 75 Resp: 11554

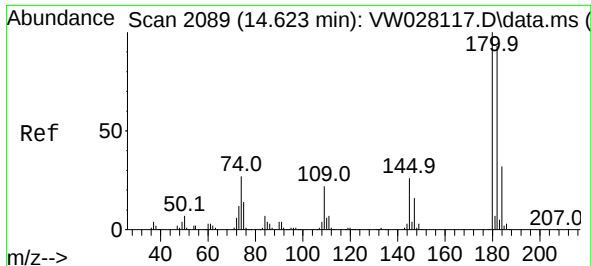
Ion Ratio Lower Upper

75 100

155 84.8 69.3 103.9

157 115.3 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 24.319 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

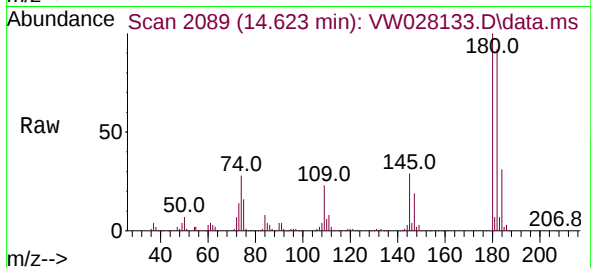
Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 148148

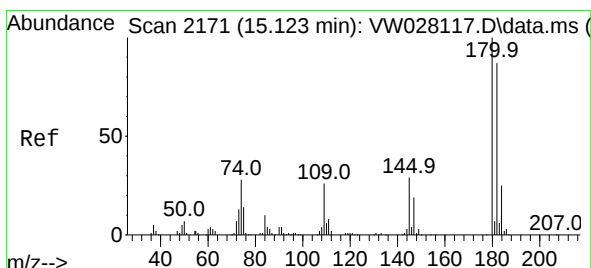
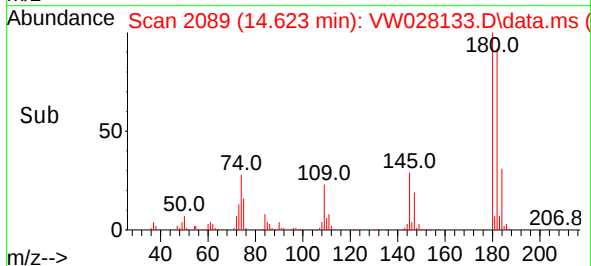
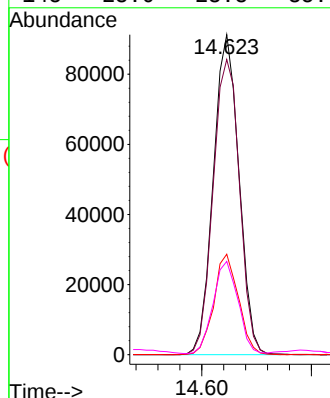
Ion Ratio Lower Upper

180 100

182 95.1 78.2 117.4

184 30.3 25.4 38.2

145 28.0 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 24.045 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028133.D

Acq: 07 Mar 2024 17:44

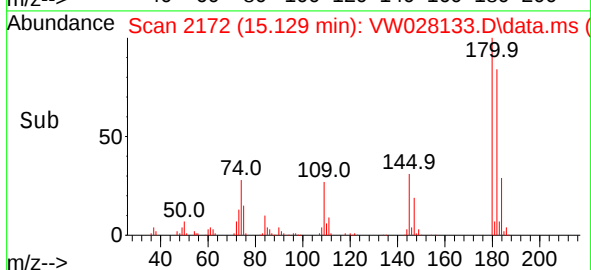
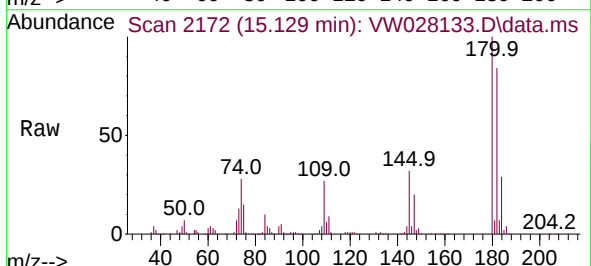
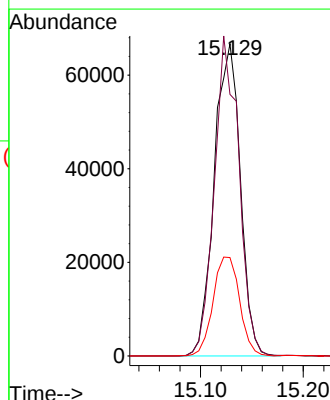
Tgt Ion:180 Resp: 117635

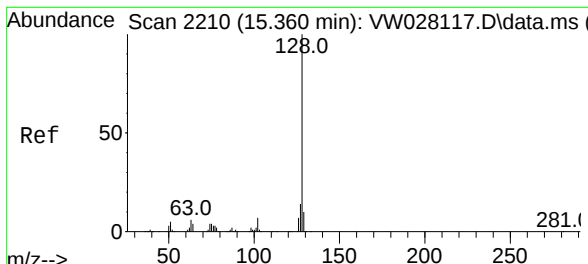
Ion Ratio Lower Upper

180 100

182 96.3 80.1 120.1

145 32.2 24.3 36.5



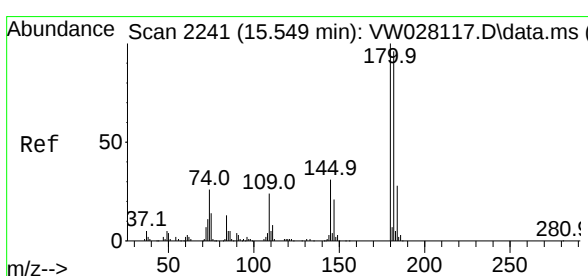
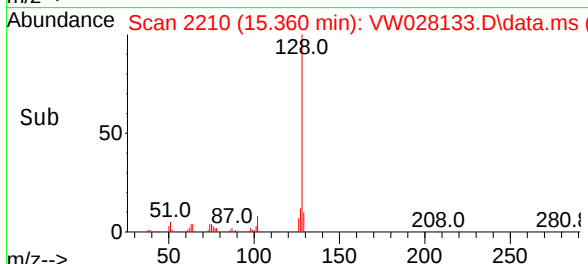
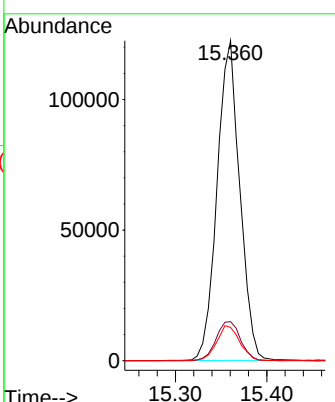
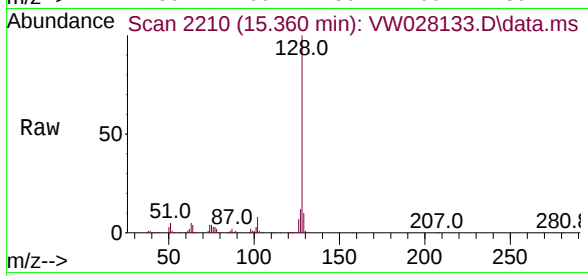


#71
Naphthalene
Concen: 26.370 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 210990

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.781 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028133.D
Acq: 07 Mar 2024 17:44

Tgt Ion:180 Resp: 101381

Ion	Ratio	Lower	Upper
180	100		
182	97.6	81.4	122.2
145	32.3	26.2	39.2

