

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
 Data File : VW028585.D
 Acq On : 03 May 2024 13:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 23:01:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 23:00:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	299381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142308	25.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.120%	
7) Chloroethane-d5	2.899	69	108954	25.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.120%	
11) 1,1-Dichloroethene-d2	4.027	65	58420	24.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.400%	
21) 2-Butanone-d5	7.081	46	68660	46.292	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 92.580%	
24) Chloroform-d	7.648	84	248944	26.612	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.440%	
26) 1,2-Dichloroethane-d4	8.307	65	139244	26.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.000%	
32) Benzene-d6	8.276	84	484703	26.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.800%	
36) 1,2-Dichloropropane-d6	9.270	67	142701	25.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.560%	
41) Toluene-d8	10.325	98	431241	26.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.280%	
43) trans-1,3-Dichloroprop...	10.575	79	59256	26.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.840%	
47) 2-Hexanone-d5	10.922	63	47437	49.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.820%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113813	24.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.520%	
66) 1,2-Dichlorobenzene-d4	13.849	152	130040	24.896	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	97055	22.308	ug/L	97
3) Chloromethane	2.229	50	129288	23.988	ug/L	100
5) Vinyl chloride	2.375	62	142145	23.425	ug/L	98
6) Bromomethane	2.796	94	84514	24.076	ug/L	96
8) Chloroethane	2.936	64	84441	24.400	ug/L	97
9) Trichlorofluoromethane	3.271	101	101108	20.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93507	20.358	ug/L	90
12) 1,1-Dichloroethene	4.051	96	94418	22.915	ug/L	92
13) Acetone	4.125	43	51274	38.001	ug/L	100
14) Carbon disulfide	4.393	76	320939	23.047	ug/L	99
15) Methyl Acetate	4.667	43	51068	21.754	ug/L	99
16) Methylene chloride	4.917	84	108768	23.491	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	103927	24.227	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	152466	24.085	ug/L	100
19) 1,1-Dichloroethane	6.222	63	206280	24.250	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	111993	24.946	ug/L	97
22) 2-Butanone	7.167	43	70377	40.636	ug/L	100
23) Bromochloromethane	7.514	128	49051	25.048	ug/L	92
25) Chloroform	7.679	83	207251	25.190	ug/L	99

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 Response via : Initial Calibration

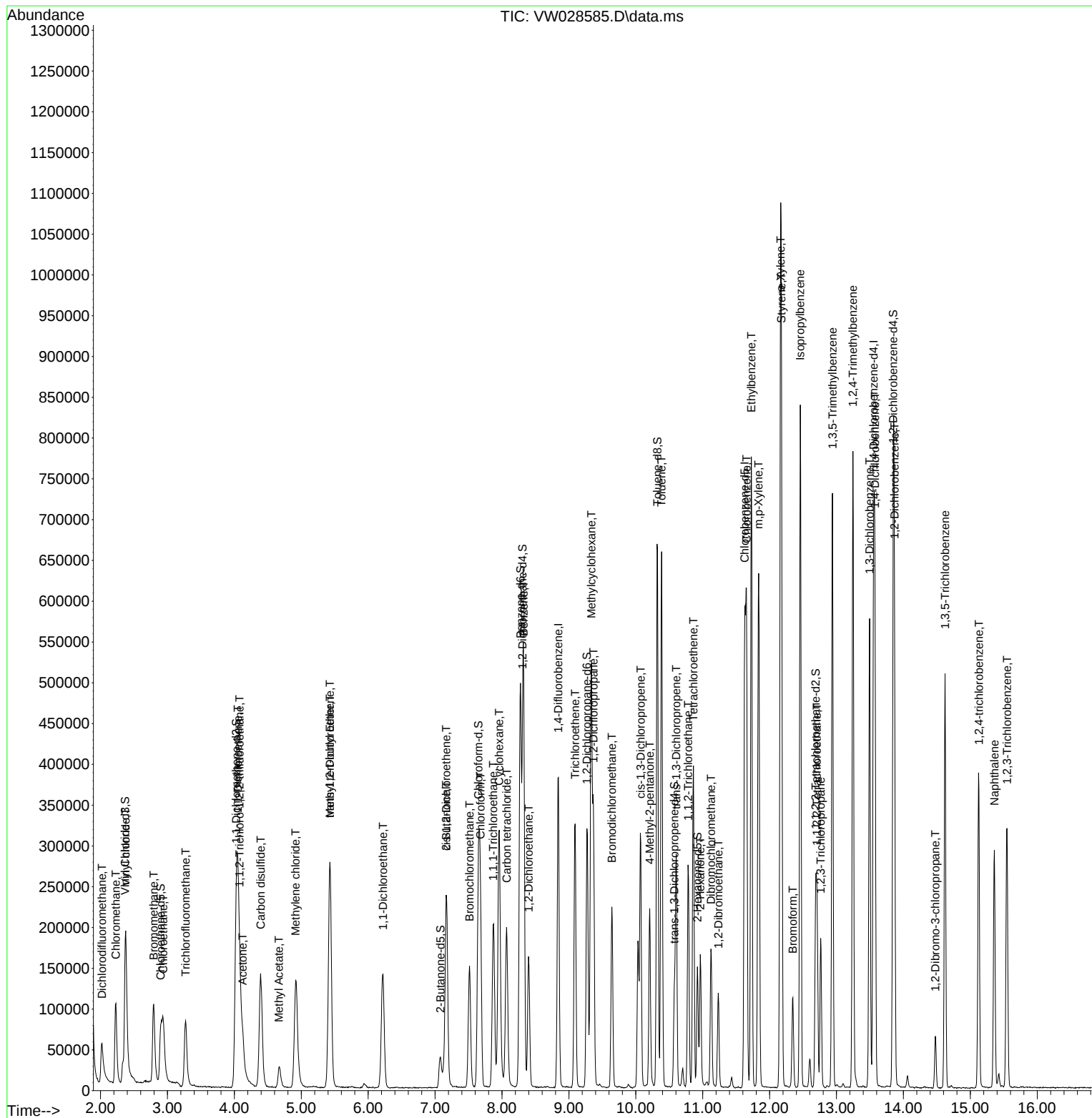
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148113	24.765	ug/L	100
29) Cyclohexane	7.959	56	184137	23.292	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	161870	23.297	ug/L	99
31) Carbon tetrachloride	8.069	117	146046	23.054	ug/L	98
33) Benzene	8.325	78	438898	24.411	ug/L	100
34) Trichloroethene	9.093	95	112572	23.353	ug/L	97
35) Methylcyclohexane	9.337	83	195549	23.213	ug/L	99
37) 1,2-Dichloropropane	9.368	63	114313	24.400	ug/L	100
38) Bromodichloromethane	9.642	83	144913	25.374	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	172451	25.682	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	145448	45.615	ug/L	100
42) Toluene	10.386	91	459550	24.747	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	144906	25.594	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	81420	23.990	ug/L	95
46) Tetrachloroethene	10.861	164	79473	22.883	ug/L	96
48) 2-Hexanone	10.965	43	102440	45.506	ug/L	99
49) Dibromochloromethane	11.123	129	85608	25.148	ug/L	91
50) 1,2-Dibromoethane	11.233	107	75691	23.809	ug/L	99
51) Chlorobenzene	11.654	112	283721	24.700	ug/L	99
52) Ethylbenzene	11.727	91	522149	24.846	ug/L	96
53) m,p-Xylene	11.837	106	192144	24.943	ug/L	95
54) o-Xylene	12.166	106	182872	25.661	ug/L	97
55) Styrene	12.178	104	318394	26.367	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	97325	22.857	ug/L	97
59) Bromoform	12.349	173	46555	23.285	ug/L	99
60) Isopropylbenzene	12.459	105	500283	24.062	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73476	22.185	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378813	25.751	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	401838	25.352	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	211942	24.504	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	217410	24.586	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	189844	24.523	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15921	20.560	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	139917	24.107	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	114442	24.403	ug/L	96
71) Naphthalene	15.360	128	233188	23.339	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102542	24.232	ug/L	99

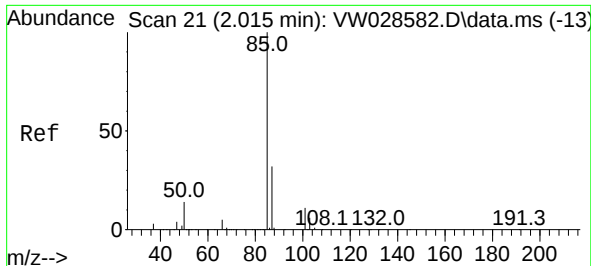
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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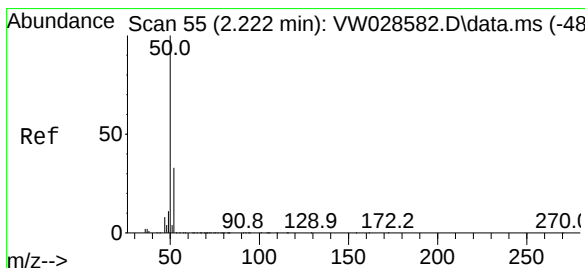
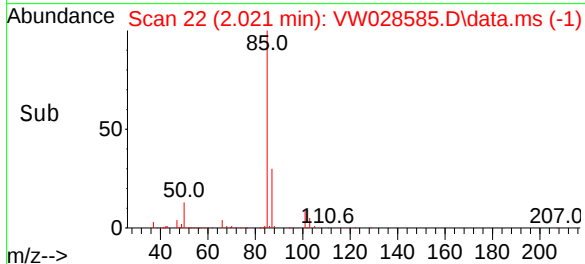
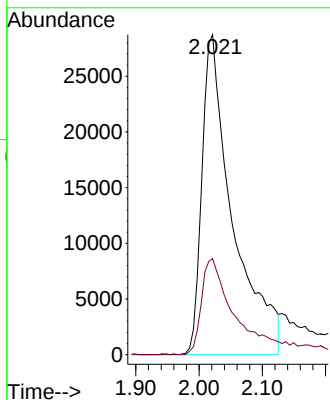
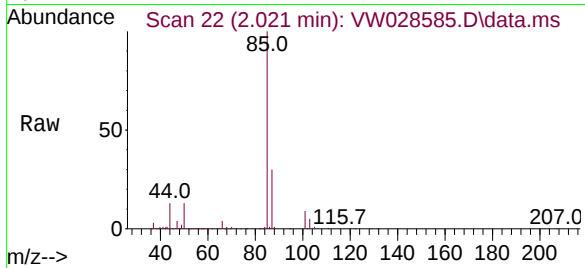




#2
 Dichlorodifluoromethane
 Concen: 22.308 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028585.D
 Acq: 03 May 2024 13:46

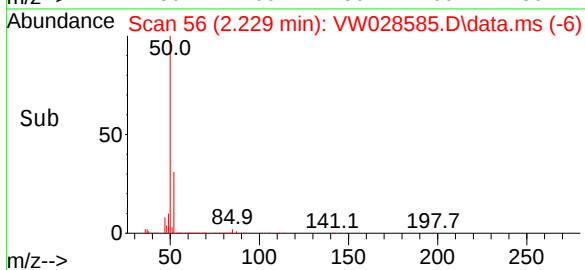
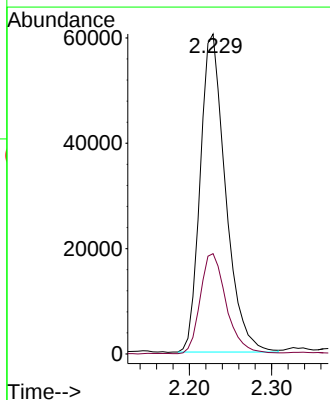
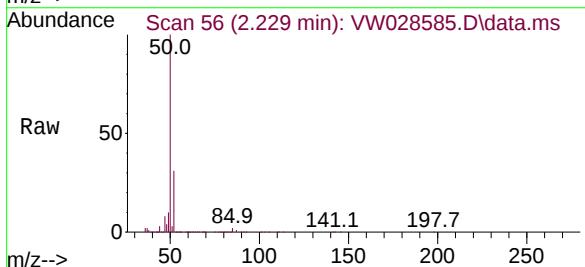
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 MSVOA_W
 ClientSampleId :

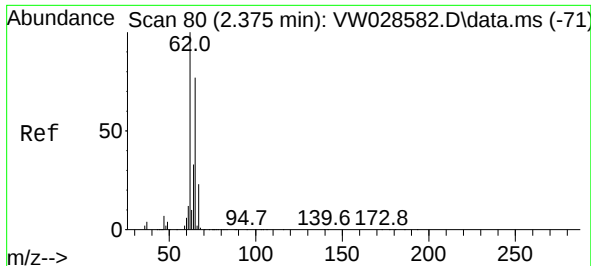
Tgt Ion: 85 Resp: 97055
 Ion Ratio Lower Upper
 85 100
 87 28.9 21.9 32.9



#3
 Chloromethane
 Concen: 23.988 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028585.D
 Acq: 03 May 2024 13:46

Tgt Ion: 50 Resp: 129288
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.0 41.0

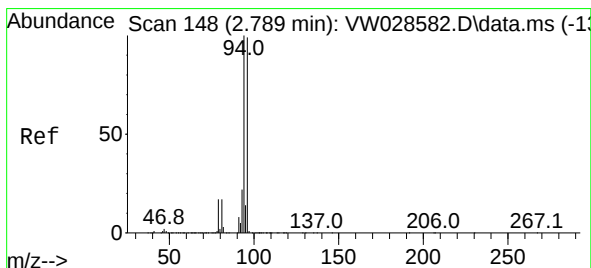
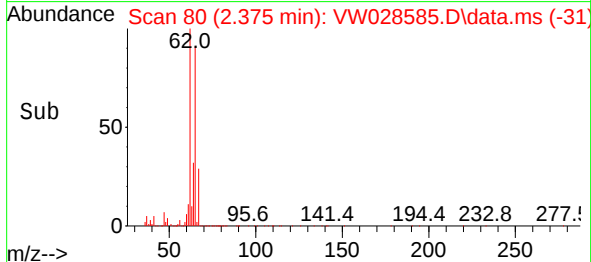
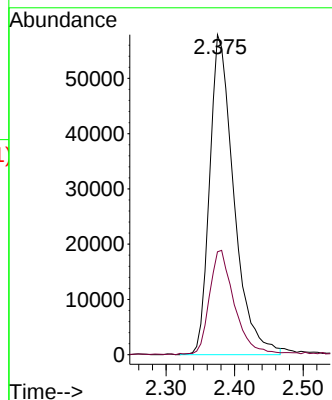
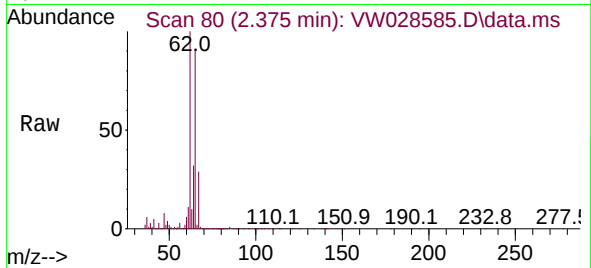




#5
 Vinyl chloride
 Concen: 23.425 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028585.D
 Acq: 03 May 2024 13:46

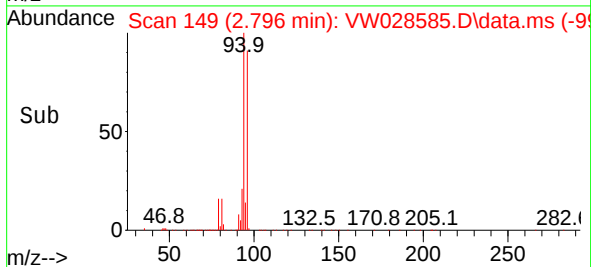
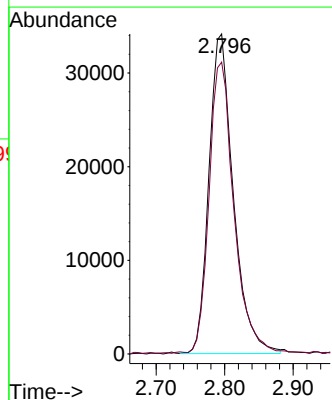
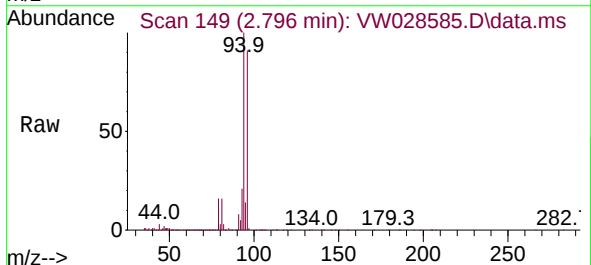
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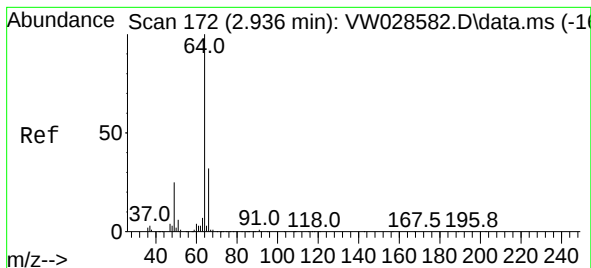
Tgt Ion: 62 Resp: 142145
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.3 43.3



#6
 Bromomethane
 Concen: 24.076 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028585.D
 Acq: 03 May 2024 13:46

Tgt Ion: 94 Resp: 84514
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.3 123.1

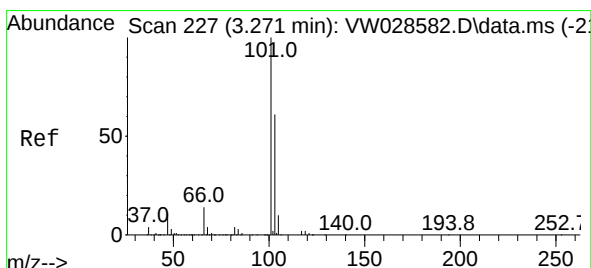
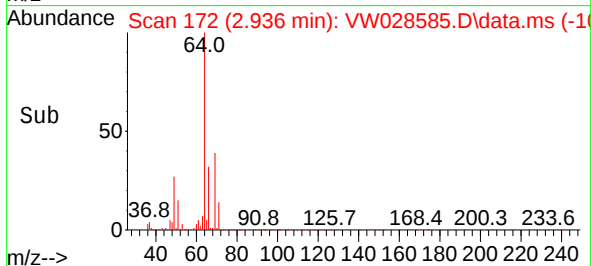
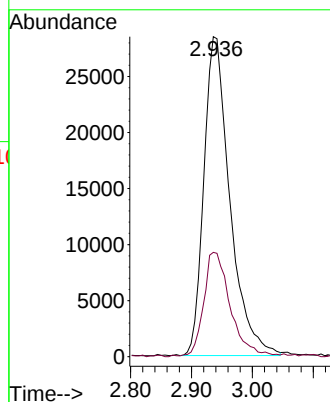
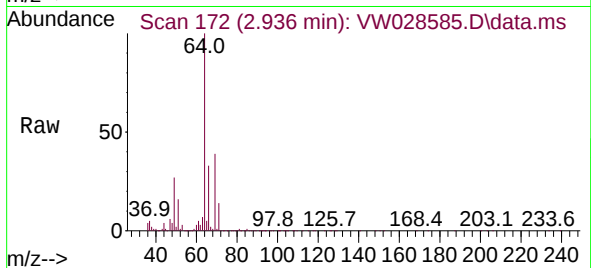




#8
Chloroethane
Concen: 24.400 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

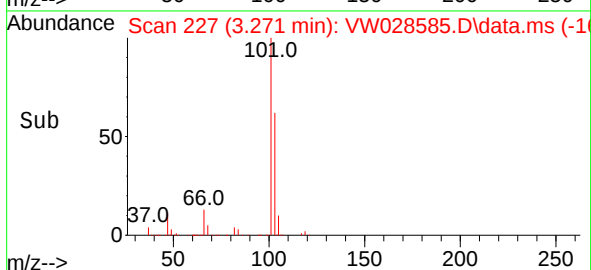
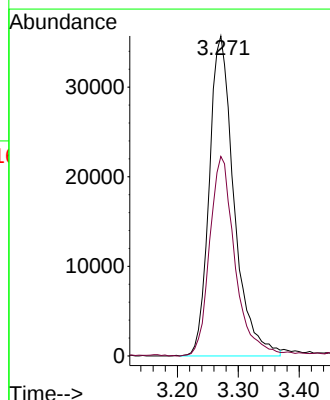
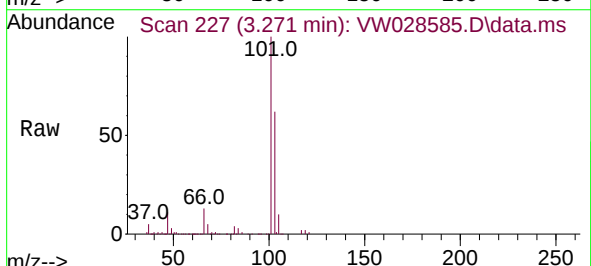
Instrument :
MSVOA_W
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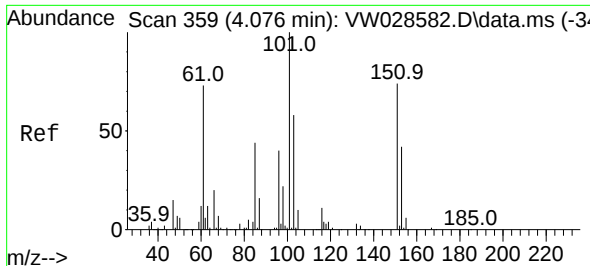
Tgt Ion: 64 Resp: 84441
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.295 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion:101 Resp: 101108
Ion Ratio Lower Upper
101 100
103 63.4 50.4 75.6





#10

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

Concen: 20.358 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :

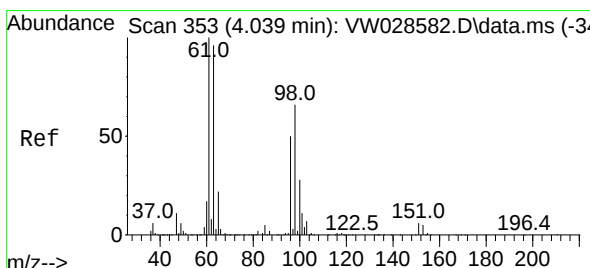
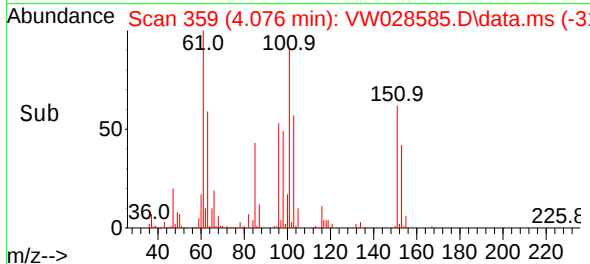
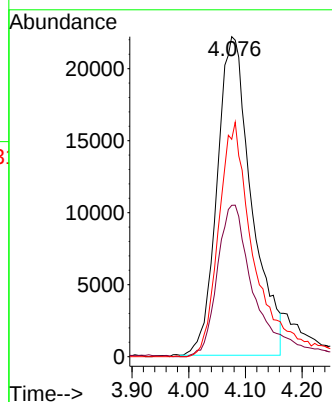
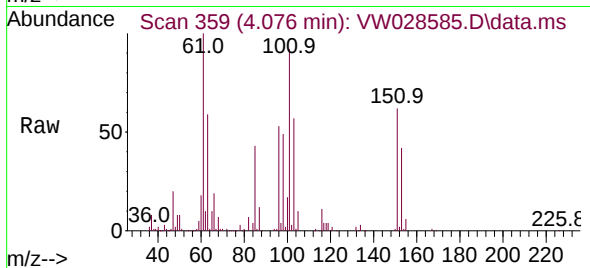
Tgt Ion:101 Resp: 93507

Ion Ratio Lower Upper

101 100

85 51.9 35.8 53.8

151 68.9 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.915 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.012 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

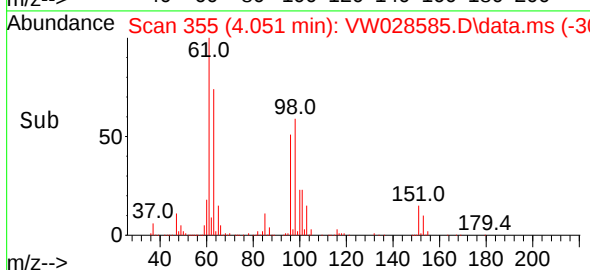
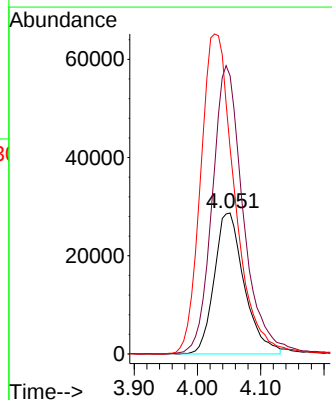
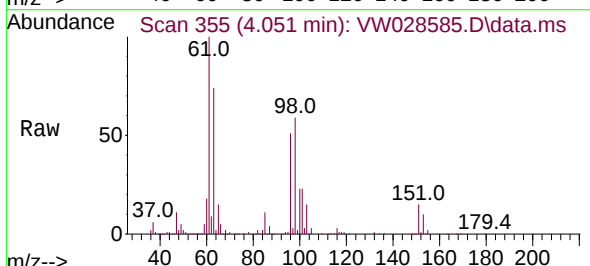
Tgt Ion: 96 Resp: 94418

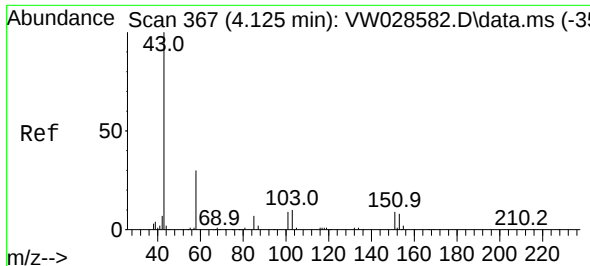
Ion Ratio Lower Upper

96 100

61 197.3 131.6 244.4

63 145.8 111.4 206.8

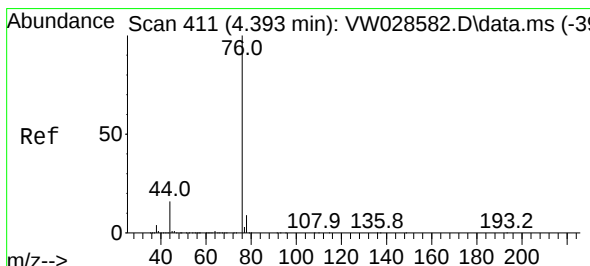
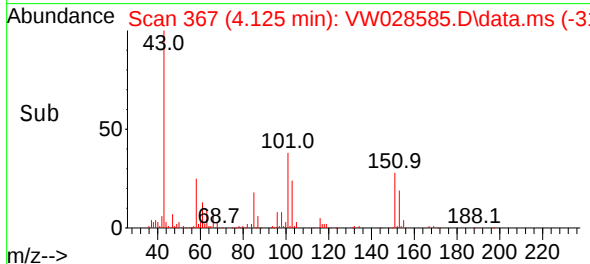
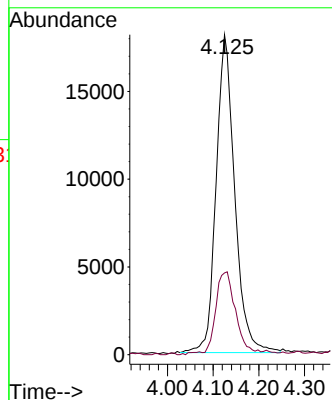
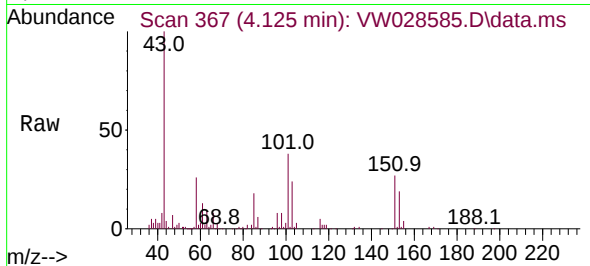




#13
Acetone
Concen: 38.001 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

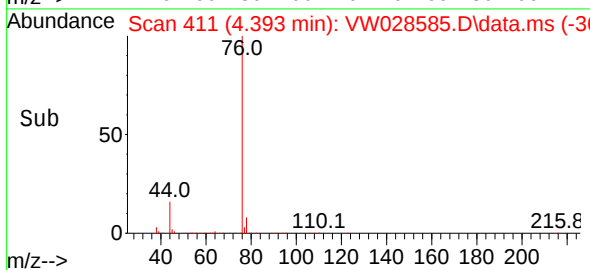
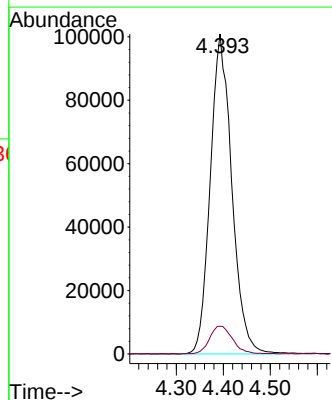
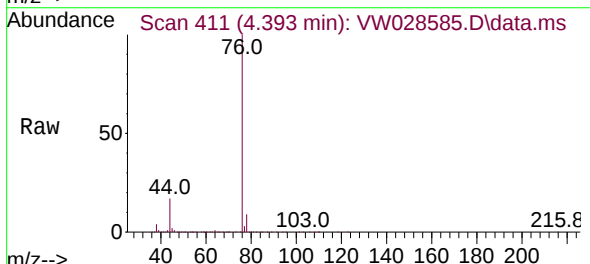
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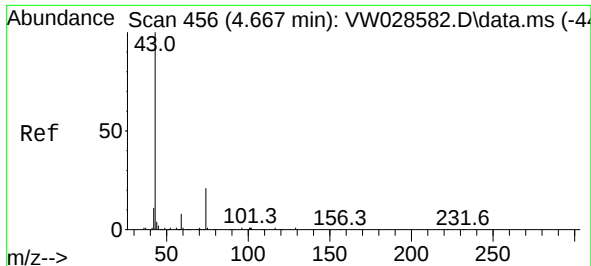
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Ion Ratio Lower Upper
43 100
58 27.1 0.0 54.4



#14
Carbon disulfide
Concen: 23.047 ug/L
RT: 4.393 min Scan# 411
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Tgt Ion: 76 Resp: 320939
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





#15

Methyl Acetate

Concen: 21.754 ug/L

RT: 4.667 min Scan# 456

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

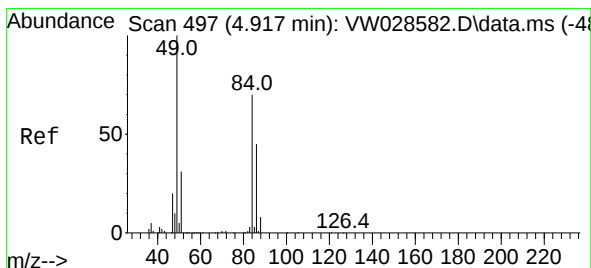
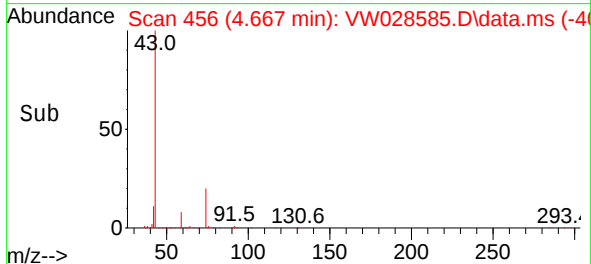
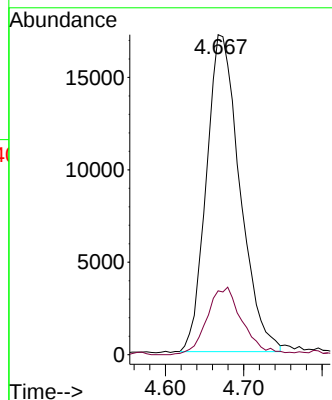
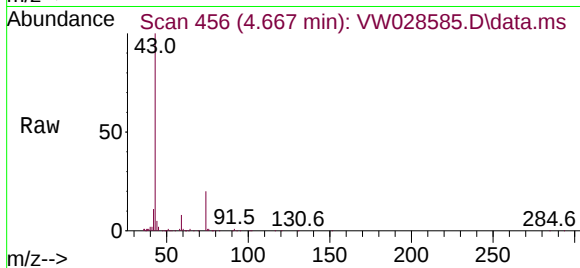
ClientSampleId :

Tgt Ion: 43 Resp: 51068

Ion Ratio Lower Upper

43 100

74 21.7 17.6 26.4



#16

Methylene chloride

Concen: 23.491 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

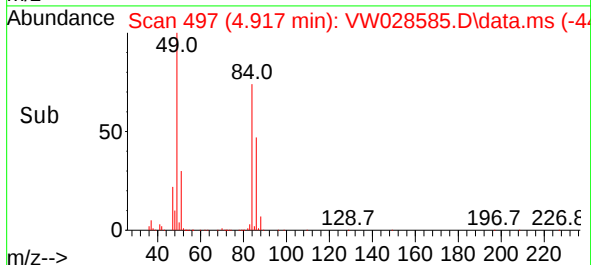
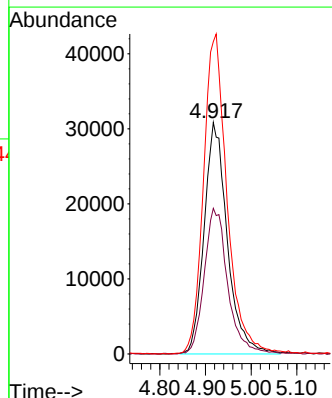
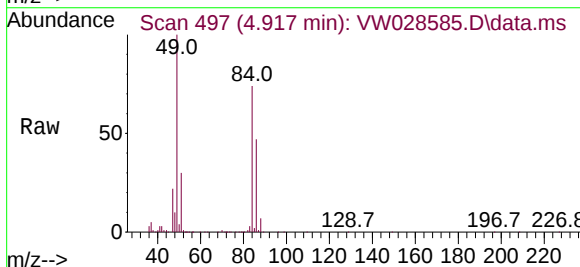
Tgt Ion: 84 Resp: 108768

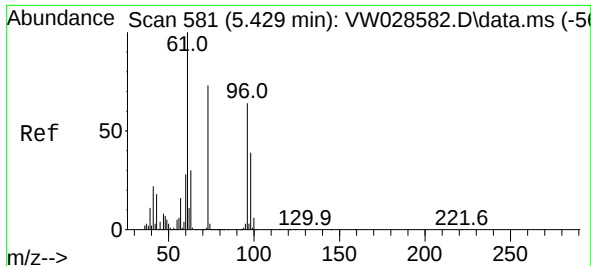
Ion Ratio Lower Upper

84 100

86 62.9 44.4 82.4

49 134.9 100.2 186.2

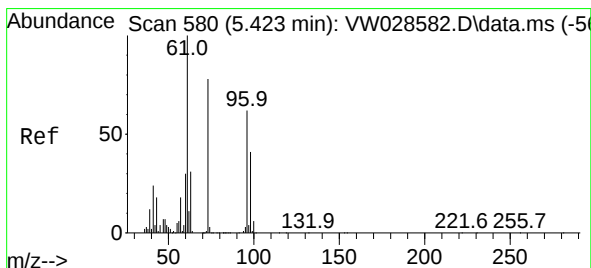
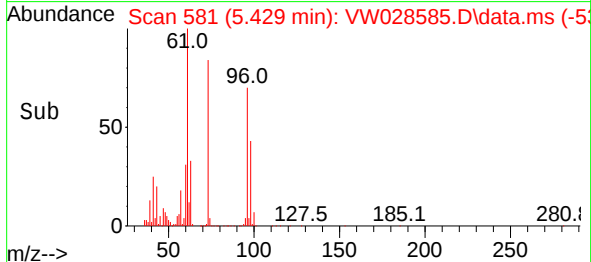
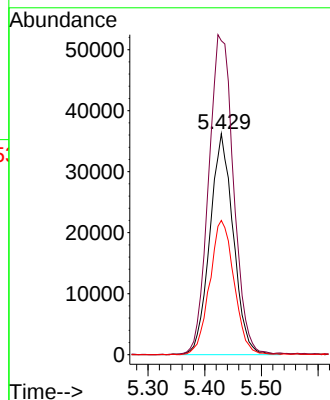
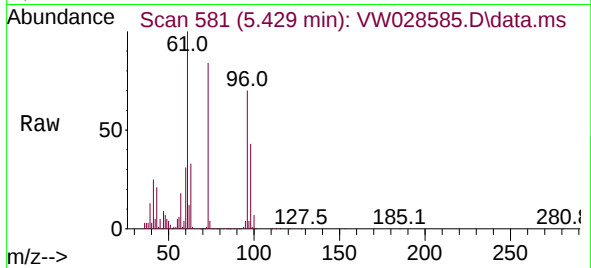




#17
trans-1,2-Dichloroethene
Concen: 24.227 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

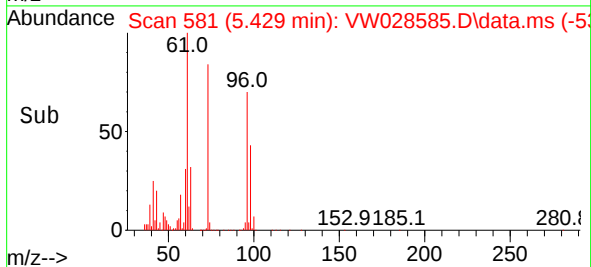
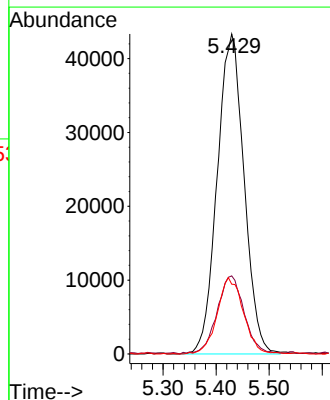
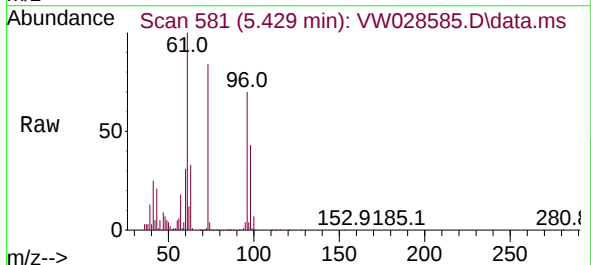
Instrument :
MSVOA_W
ClientSampleId :

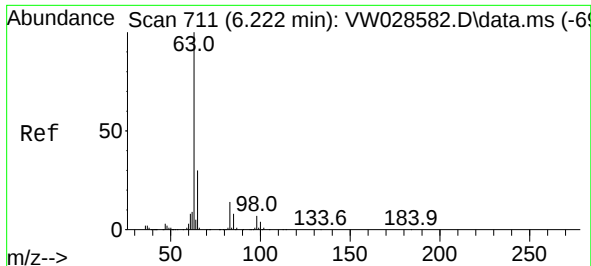
Tgt Ion: 96 Resp: 103927
Ion Ratio Lower Upper
96 100
61 142.1 109.0 202.4
98 60.8 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 24.085 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 73 Resp: 152466
Ion Ratio Lower Upper
73 100
43 24.0 19.2 28.8
57 23.2 18.5 27.7

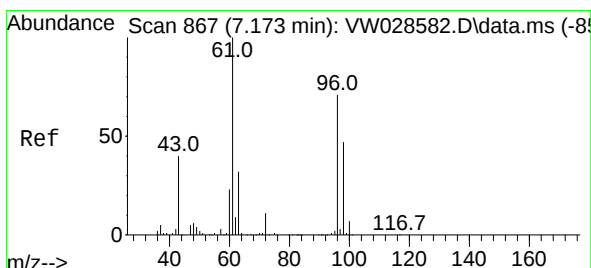
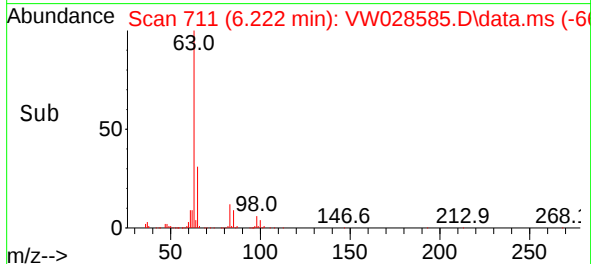
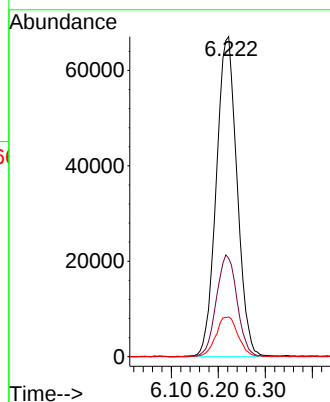
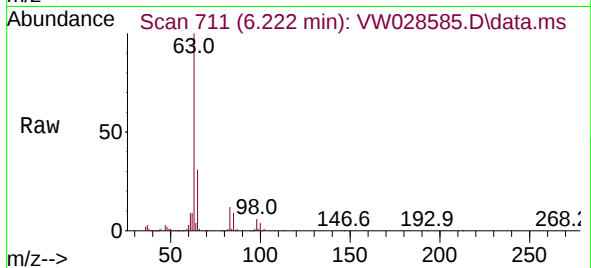




#19
1,1-Dichloroethane
Concen: 24.250 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

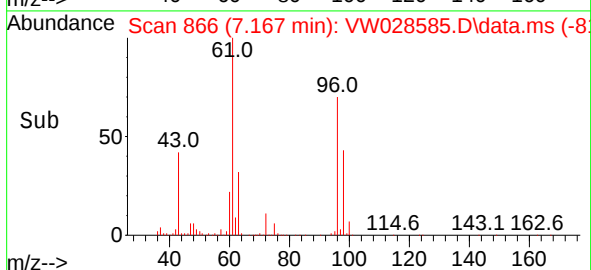
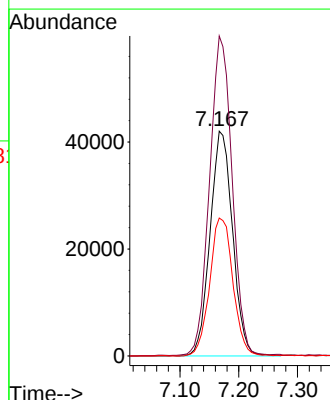
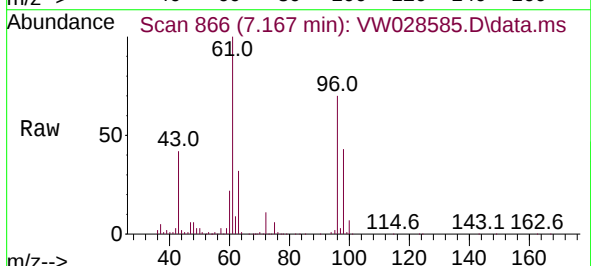
Instrument :
MSVOA_W
ClientSampleId :

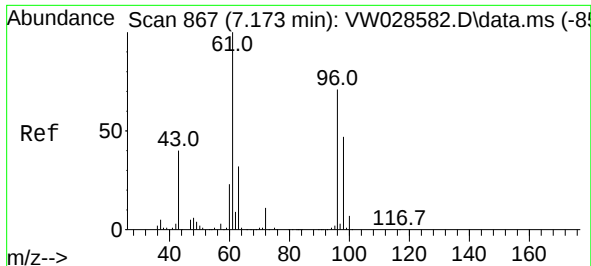
Tgt Ion: 63	Resp: 206280
Ion Ratio	Lower Upper
63 100	
65 30.8	22.9 42.5
83 12.4	9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 24.946 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 96	Resp: 111993
Ion Ratio	Lower Upper
96 100	
61 142.3	102.8 191.0
98 61.3	44.3 82.3





#22

2-Butanone

Concen: 40.636 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

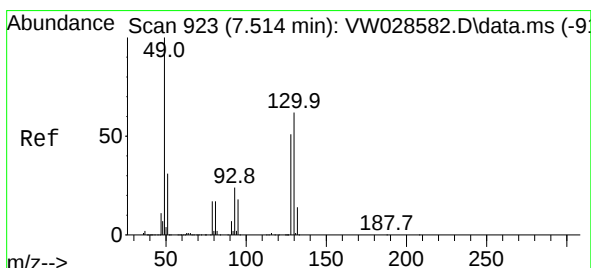
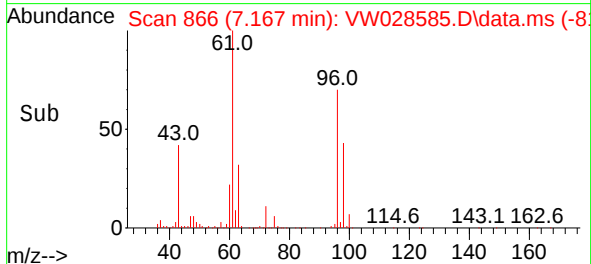
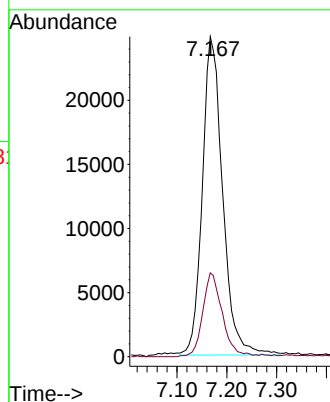
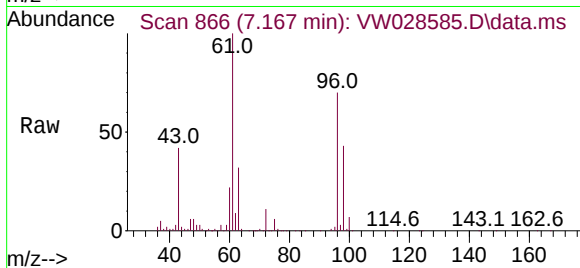
ClientSampleId :

Tgt Ion: 43 Resp: 70377

Ion Ratio Lower Upper

43 100

72 24.2 12.2 36.6



#23

Bromochloromethane

Concen: 25.048 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Tgt Ion: 128 Resp: 49051

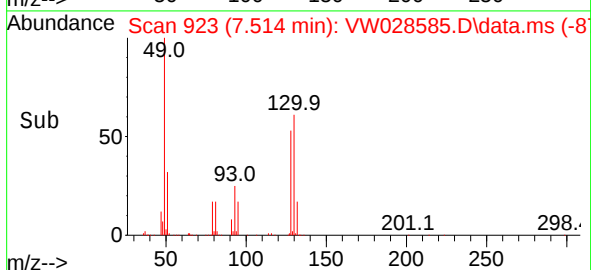
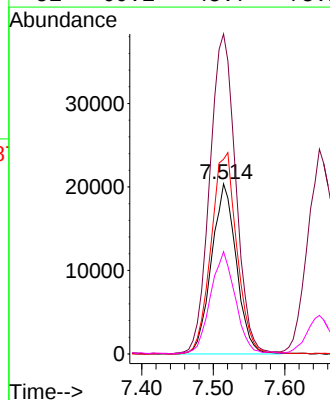
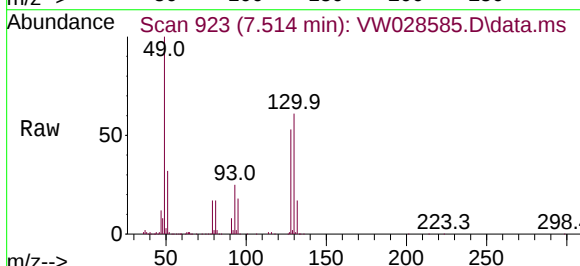
Ion Ratio Lower Upper

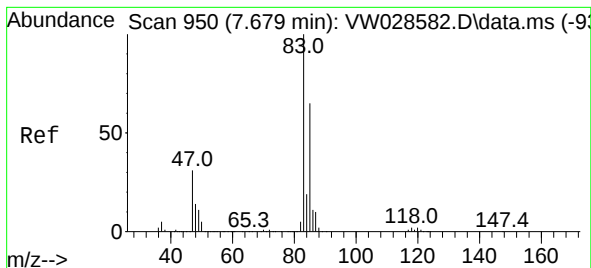
128 100

49 188.1 139.6 259.2

130 114.5 91.2 169.4

51 60.1 48.7 73.1





#25

Chloroform

Concen: 25.190 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

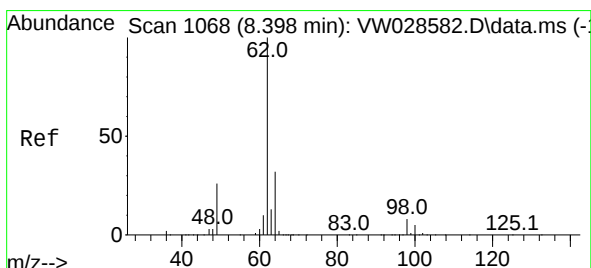
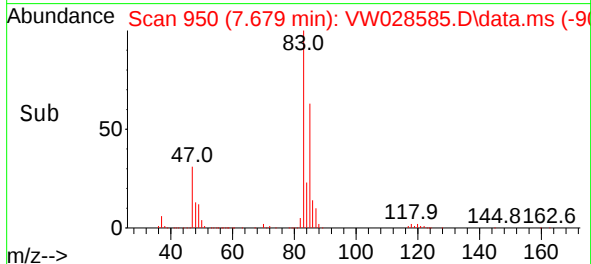
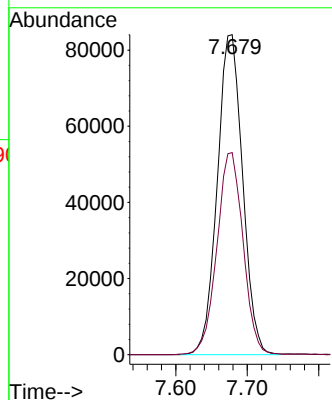
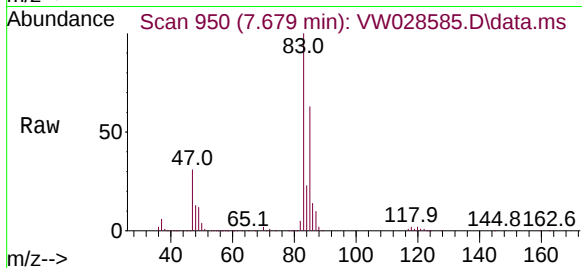
ClientSampleId :

Tgt Ion: 83 Resp: 207251

Ion Ratio Lower Upper

83 100

85 63.1 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.765 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028585.D

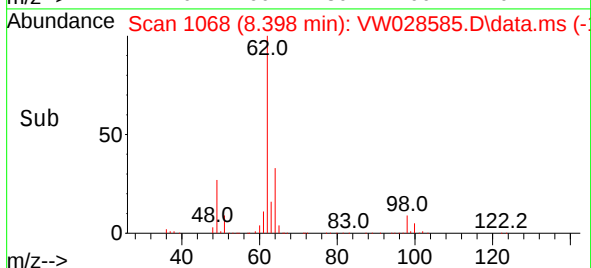
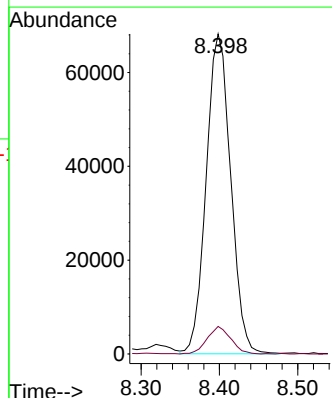
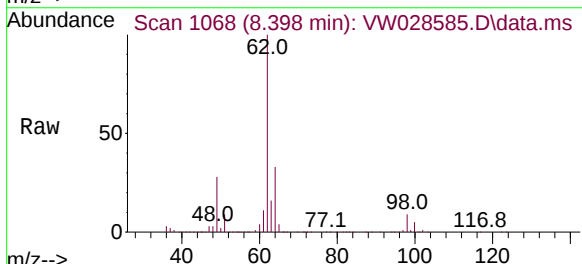
Acq: 03 May 2024 13:46

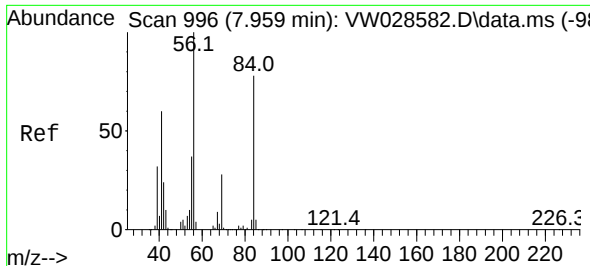
Tgt Ion: 62 Resp: 148113

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 23.292 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :

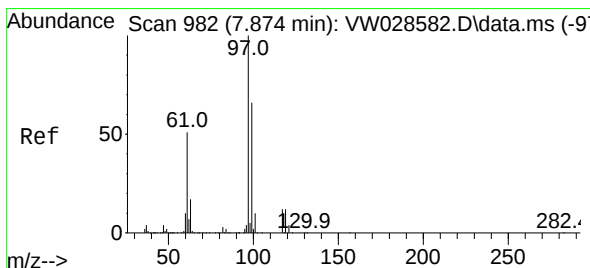
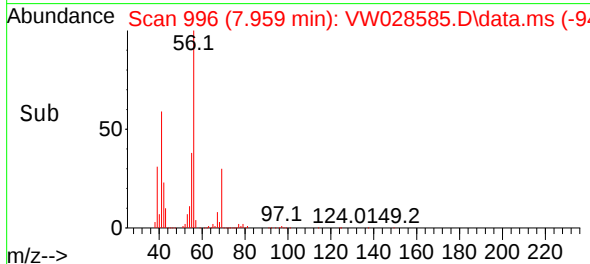
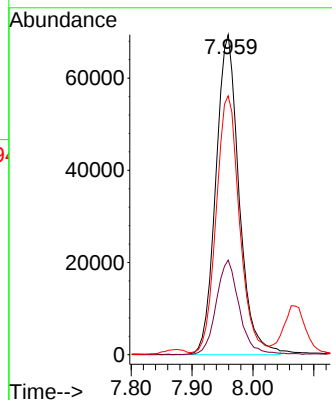
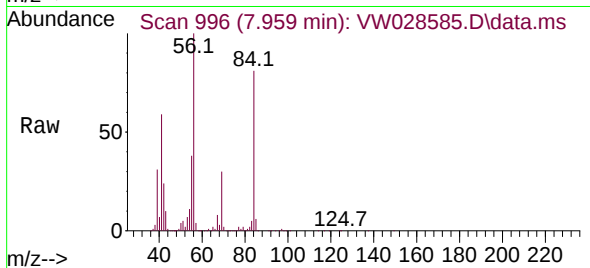
Tgt Ion: 56 Resp: 184137

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 81.3 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.297 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

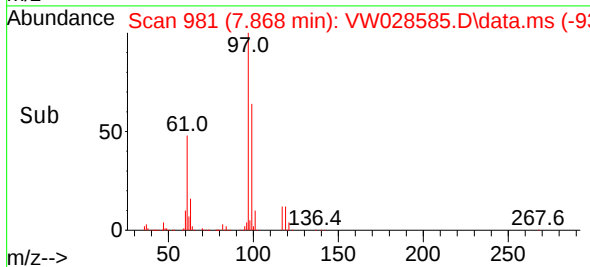
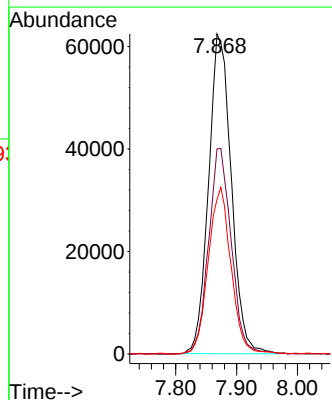
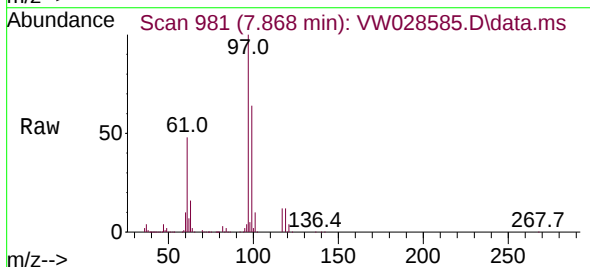
Tgt Ion: 97 Resp: 161870

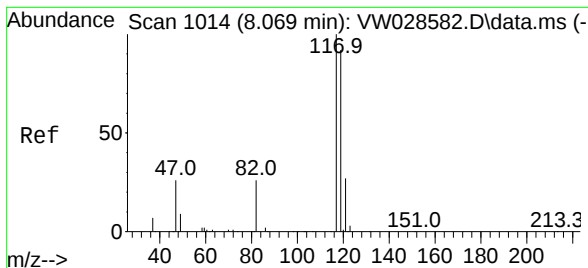
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 52.3 41.0 61.6





#31

Carbon tetrachloride

Concen: 23.054 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

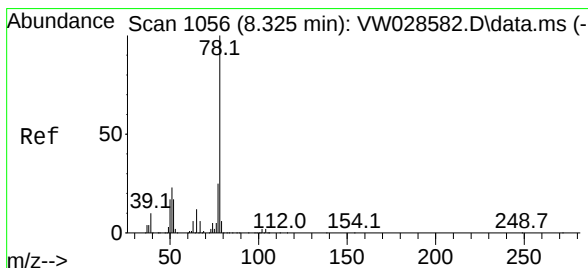
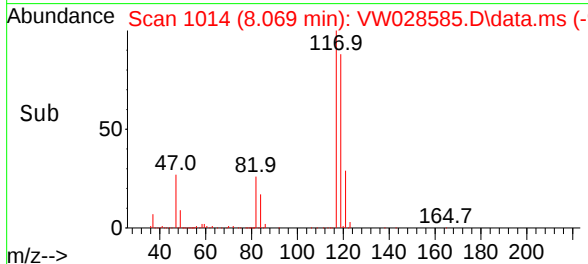
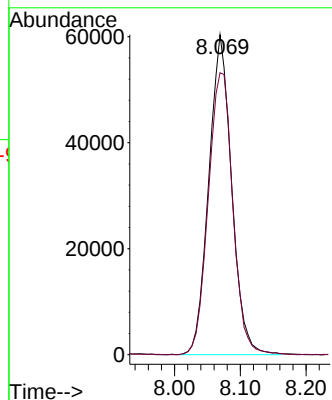
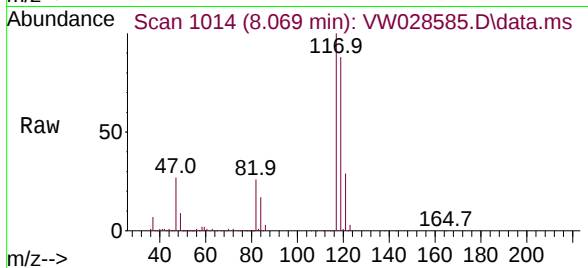
ClientSampleId :

Tgt Ion:117 Resp: 146046

Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8



#33

Benzene

Concen: 24.411 ug/L

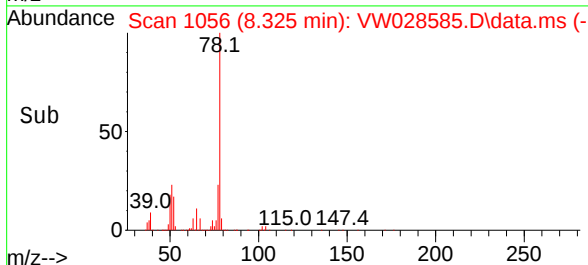
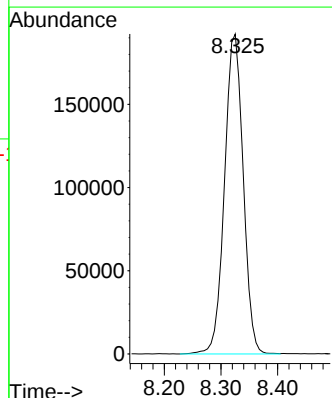
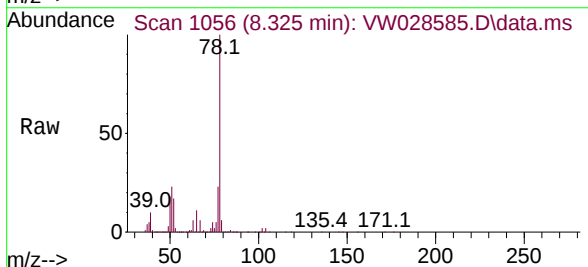
RT: 8.325 min Scan# 1056

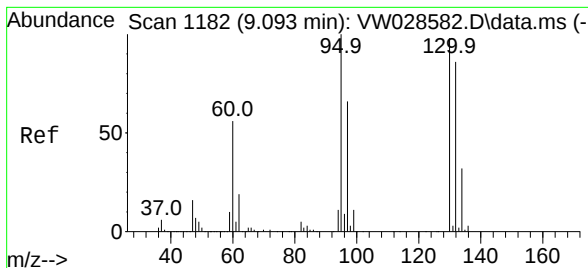
Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Tgt Ion: 78 Resp: 438898





#34

Trichloroethene

Concen: 23.353 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 112572

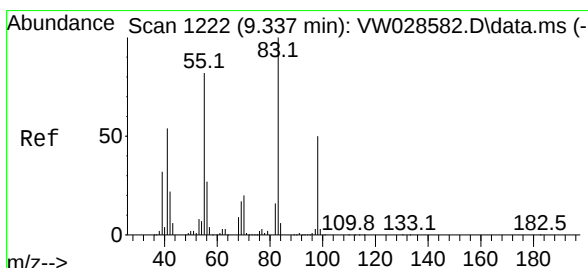
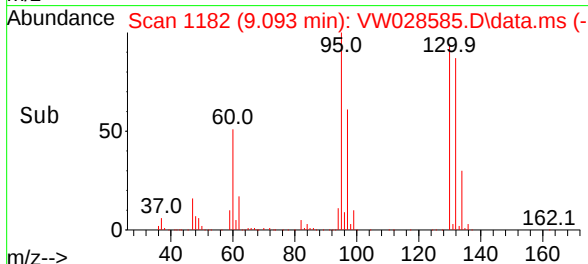
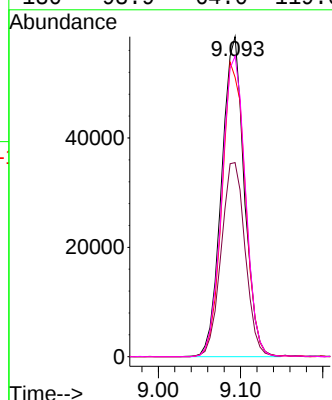
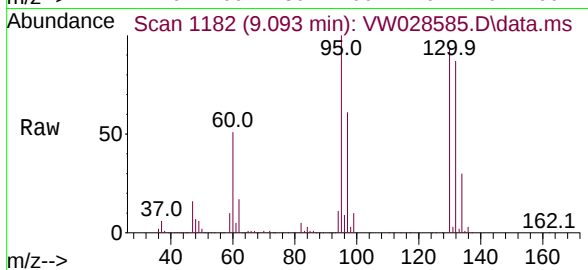
Ion Ratio Lower Upper

95 100

97 60.6 44.9 83.3

132 87.3 59.7 110.9

130 93.9 64.0 119.0



#35

Methylcyclohexane

Concen: 23.213 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

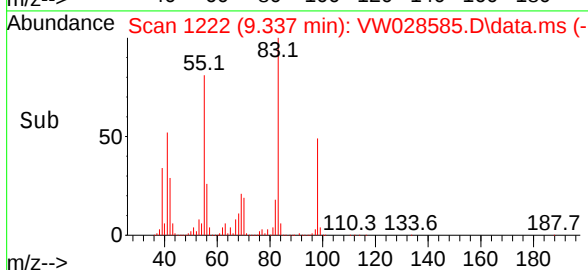
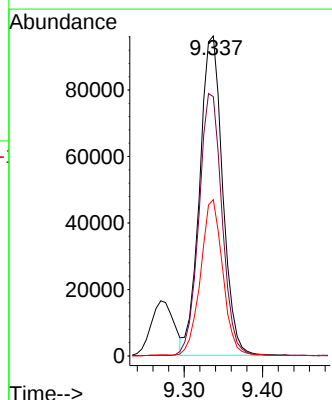
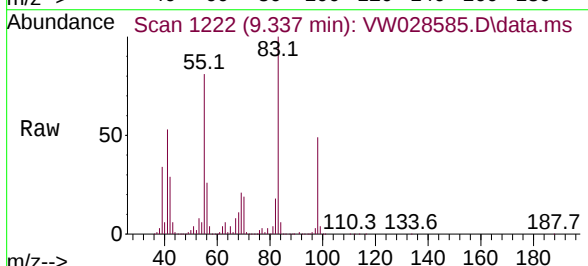
Tgt Ion: 83 Resp: 195549

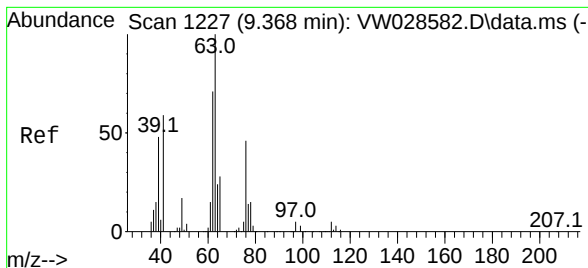
Ion Ratio Lower Upper

83 100

55 82.7 66.9 100.3

98 47.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 24.400 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

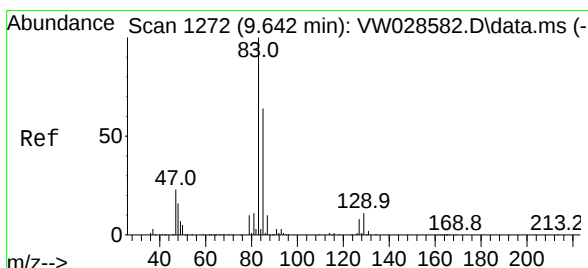
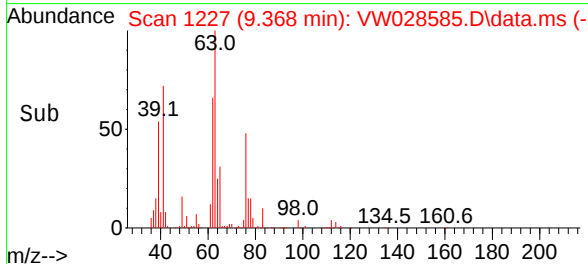
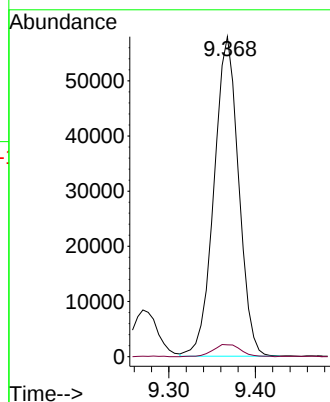
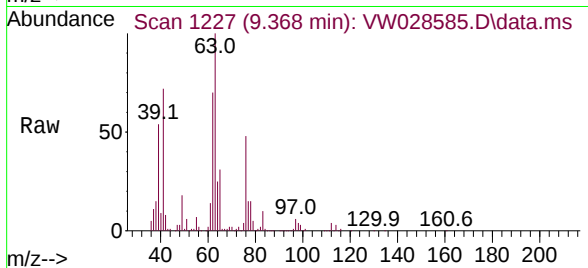
ClientSampleId :

Tgt Ion: 63 Resp: 114313

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 25.374 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

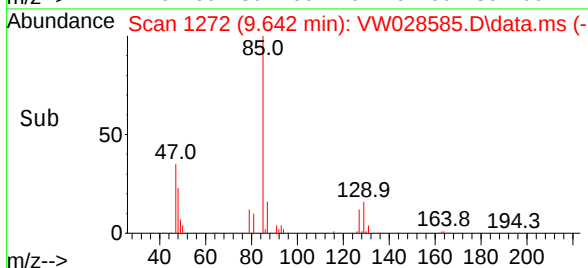
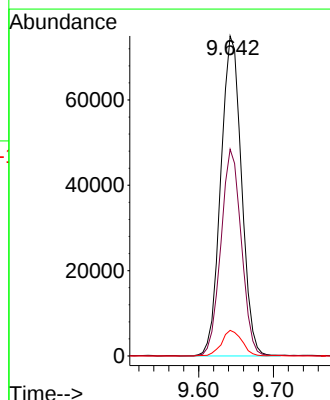
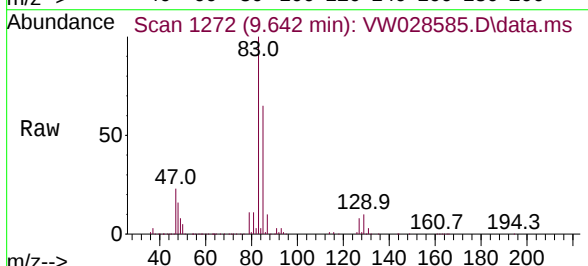
Tgt Ion: 83 Resp: 144913

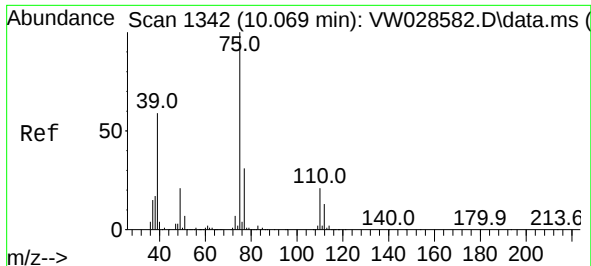
Ion Ratio Lower Upper

83 100

85 64.6 43.0 80.0

127 8.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.682 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

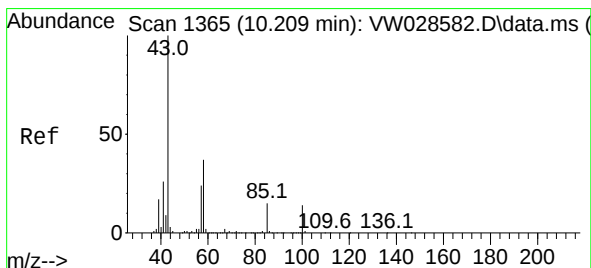
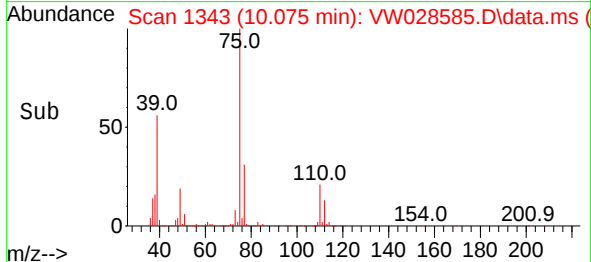
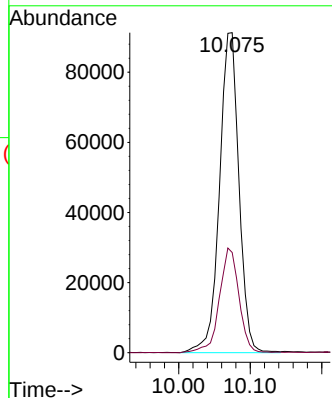
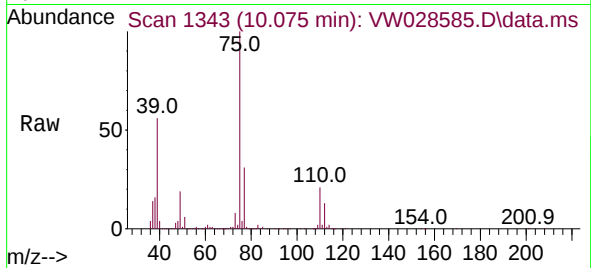
ClientSampleId :

Tgt Ion: 75 Resp: 172451

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.615 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

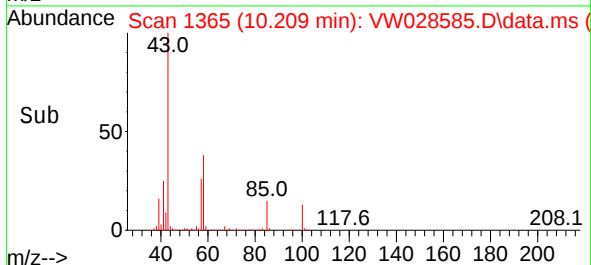
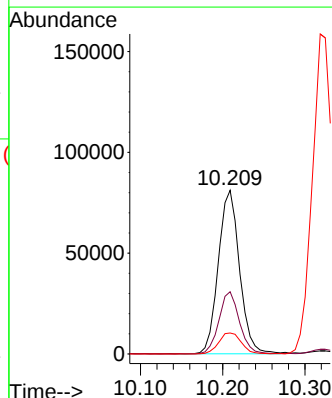
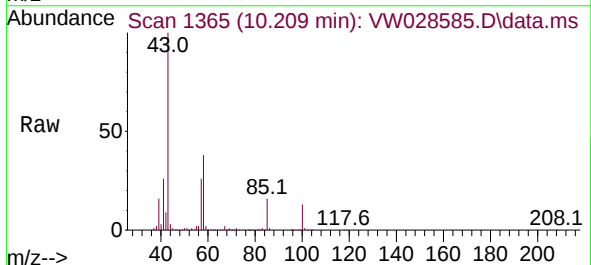
Tgt Ion: 43 Resp: 145448

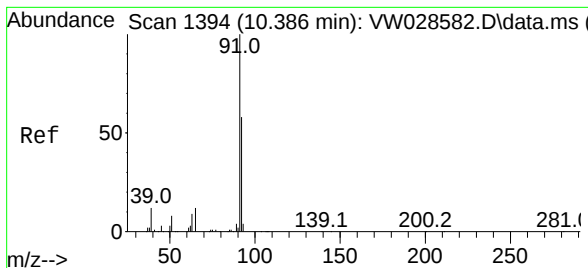
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 13.8 11.0 16.4





#42

Toluene

Concen: 24.747 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

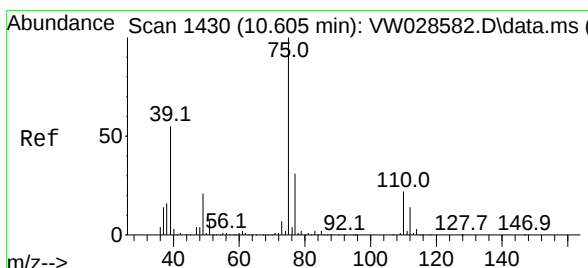
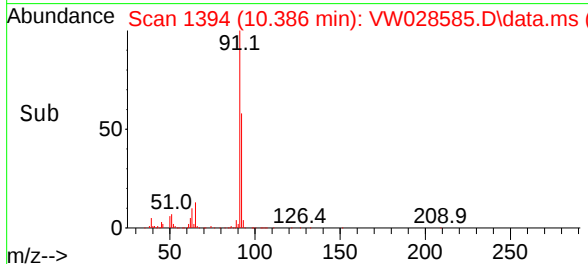
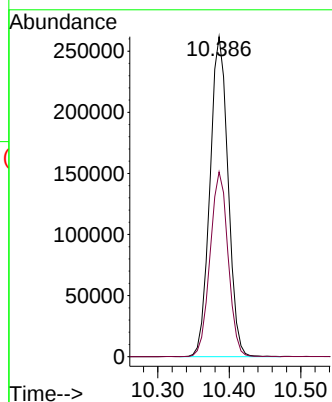
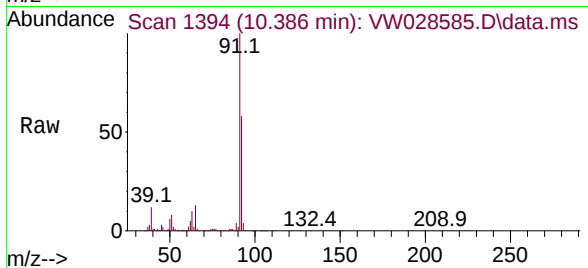
ClientSampleId :

Tgt Ion: 91 Resp: 459550

Ion Ratio Lower Upper

91 100

92 57.8 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.594 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028585.D

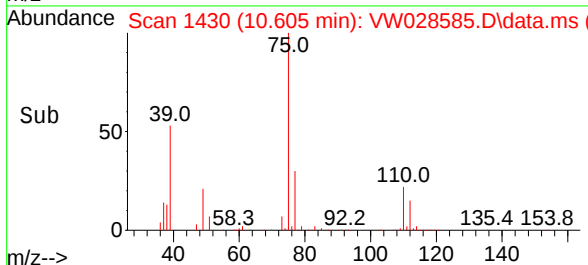
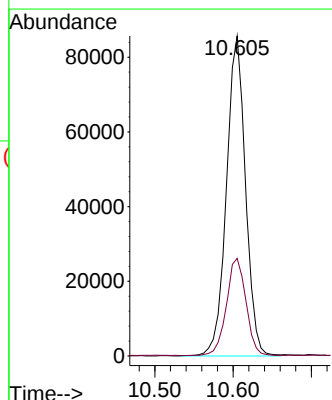
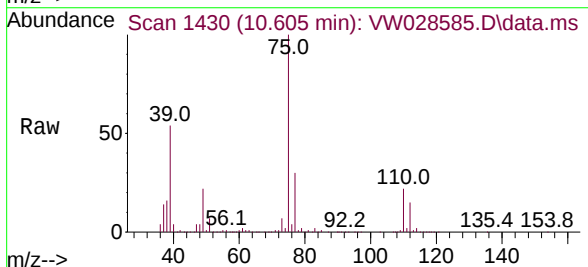
Acq: 03 May 2024 13:46

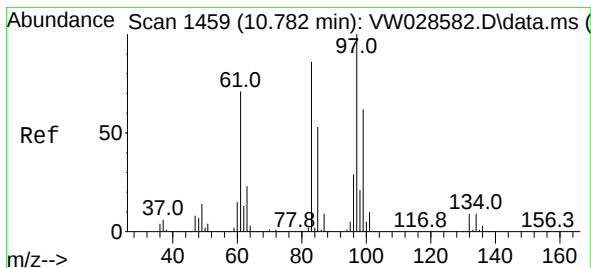
Tgt Ion: 75 Resp: 144906

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 23.990 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 81420

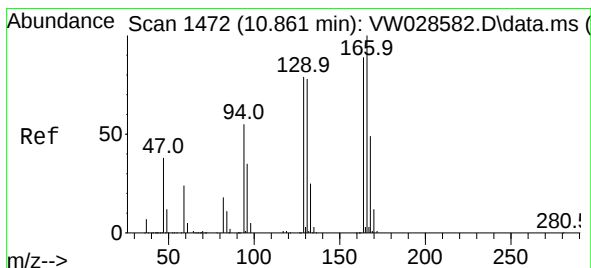
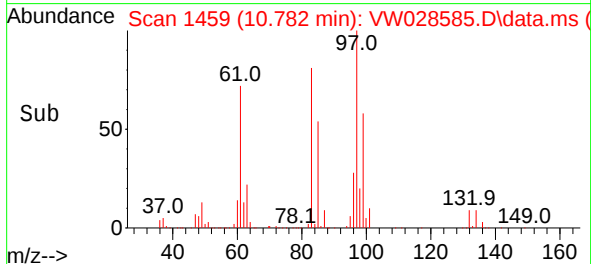
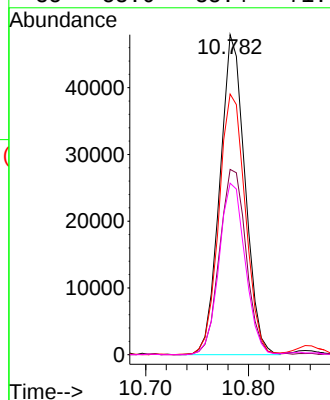
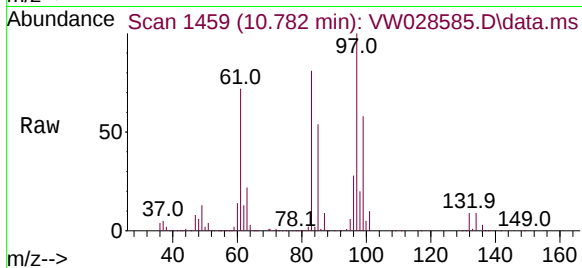
Ion Ratio Lower Upper

97 100

99 57.9 41.9 77.9

83 81.4 62.1 115.3

85 53.6 38.4 71.4



#46

Tetrachloroethene

Concen: 22.883 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Tgt Ion:164 Resp: 79473

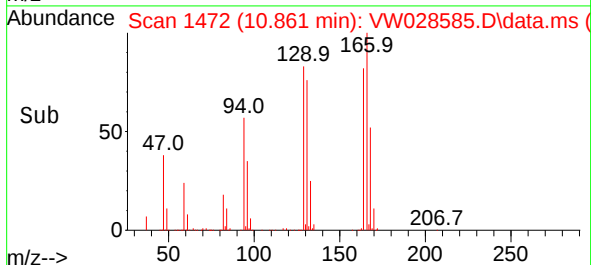
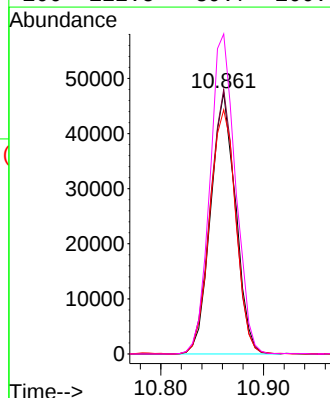
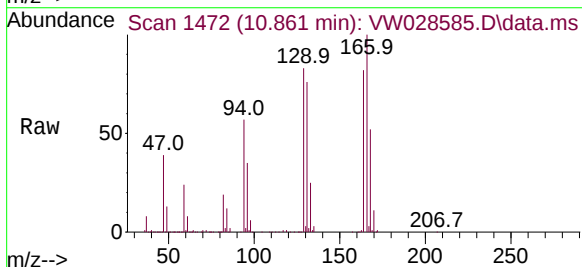
Ion Ratio Lower Upper

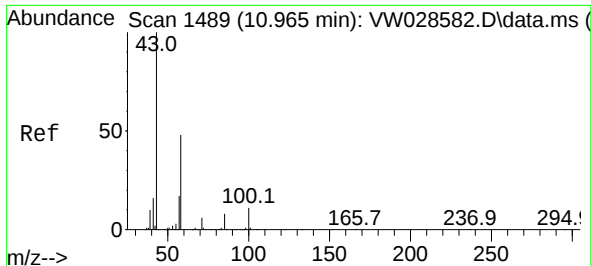
164 100

129 101.2 69.2 128.6

131 93.4 67.7 125.7

166 122.5 89.7 166.7

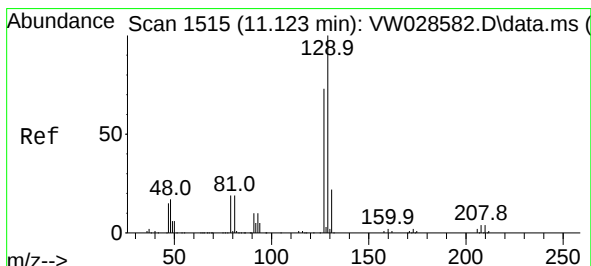
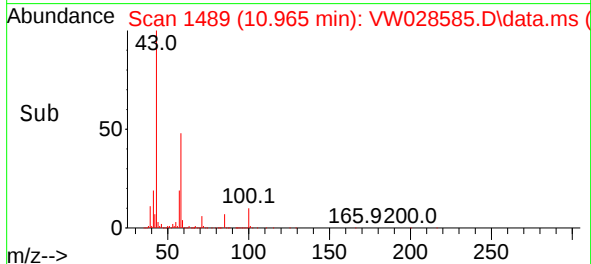
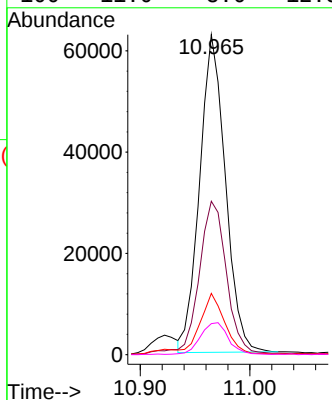
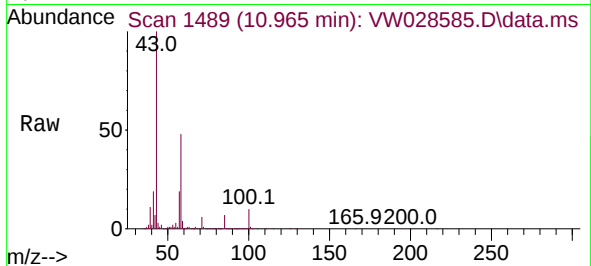




#48
2-Hexanone
Concen: 45.506 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

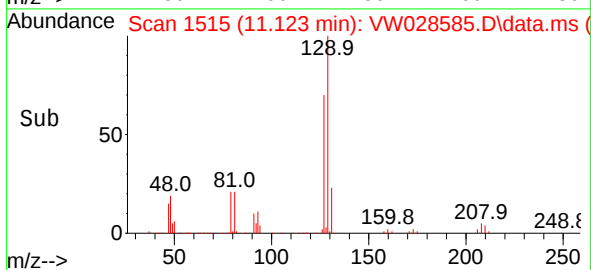
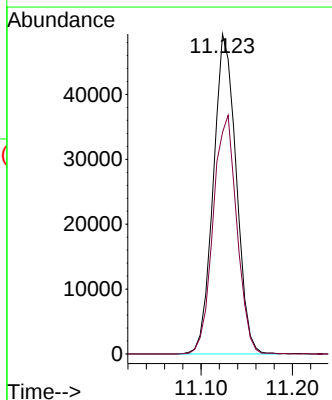
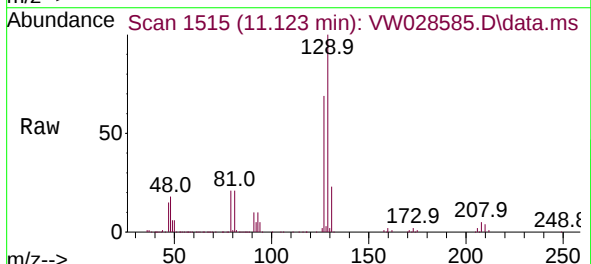
Instrument :
MSVOA_W
ClientSampleId :

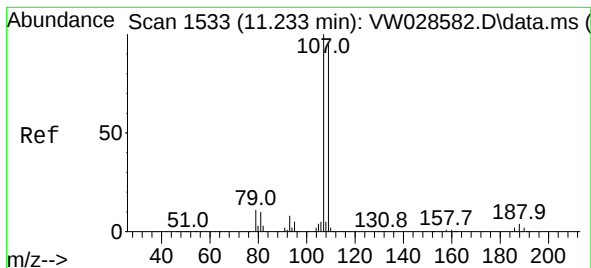
Tgt Ion: 43 Resp: 102440
Ion Ratio Lower Upper
43 100
58 52.4 41.0 61.4
57 18.1 14.8 22.2
100 11.0 8.6 12.8



#49
Dibromochloromethane
Concen: 25.148 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 129 Resp: 85608
Ion Ratio Lower Upper
129 100
127 69.3 54.3 100.8





#50

1,2-Dibromoethane

Concen: 23.809 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

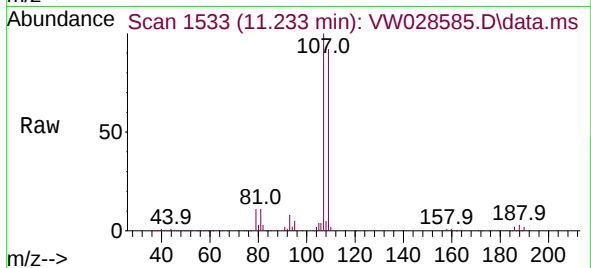
Lab File: VW028585.D

Acq: 03 May 2024 13:46

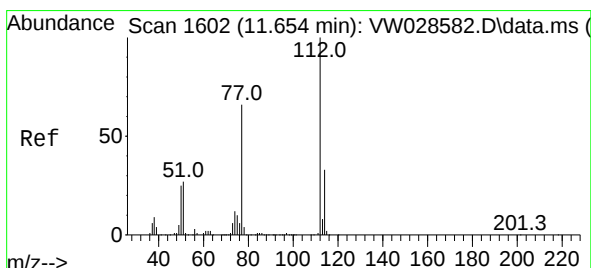
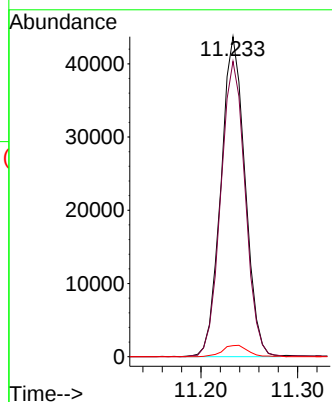
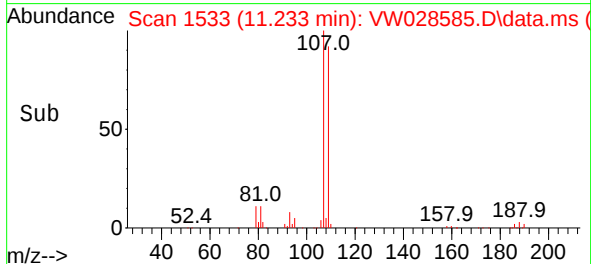
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	75691
Ion Ratio	Lower	Upper	
107	100		
109	92.3	64.2	119.2
188	3.5	3.1	4.7



#51

Chlorobenzene

Concen: 24.700 ug/L

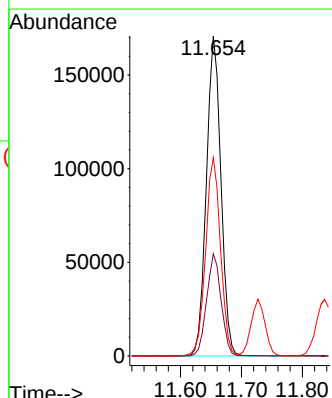
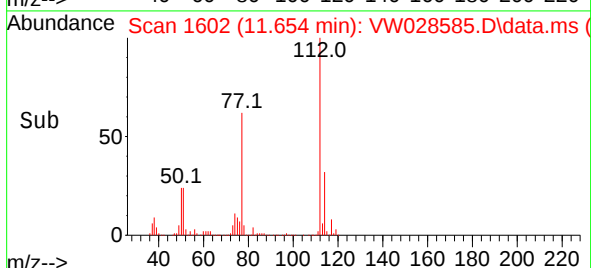
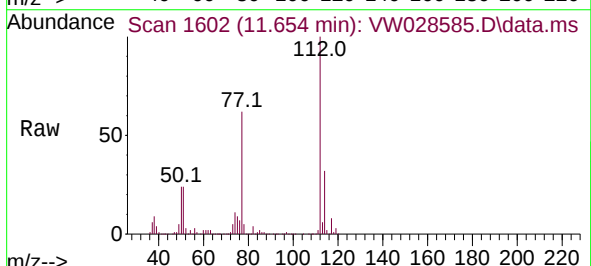
RT: 11.654 min Scan# 1602

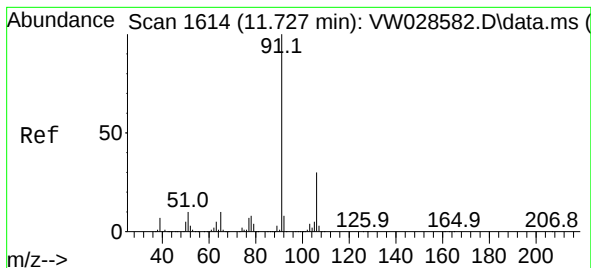
Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Tgt Ion:	112	Resp:	283721
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.2	41.2
77	62.0	50.8	76.2

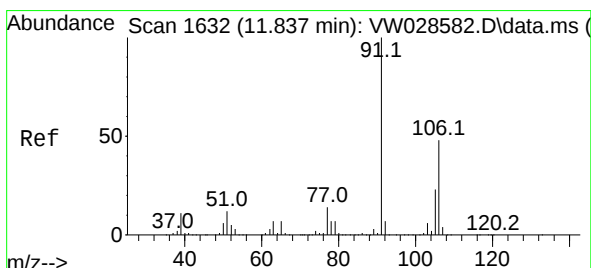
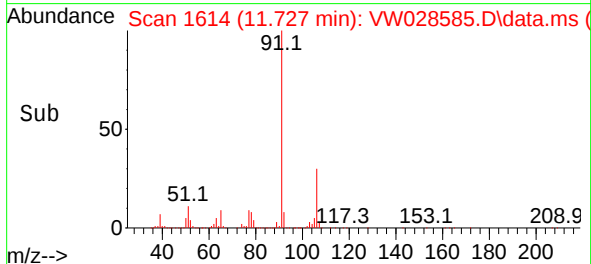
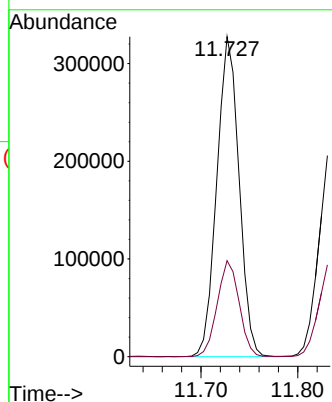
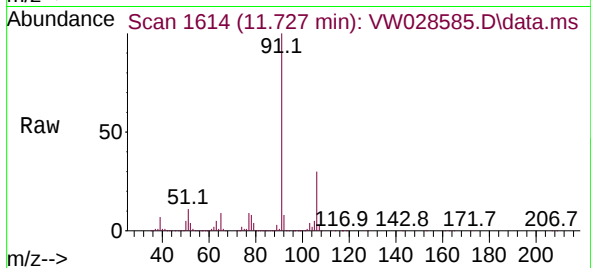




#52
Ethylbenzene
Concen: 24.846 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

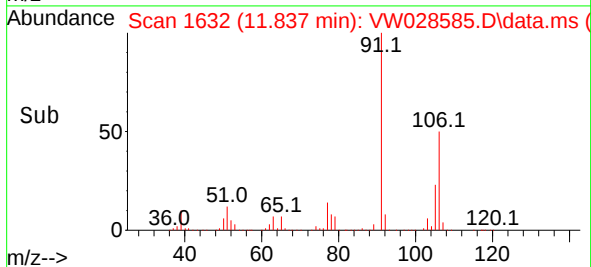
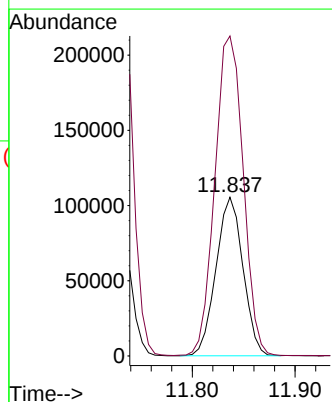
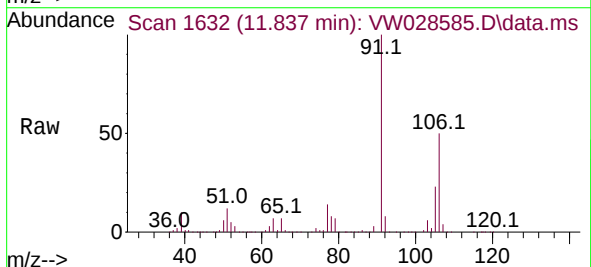
Instrument :
MSVOA_W
ClientSampleId :

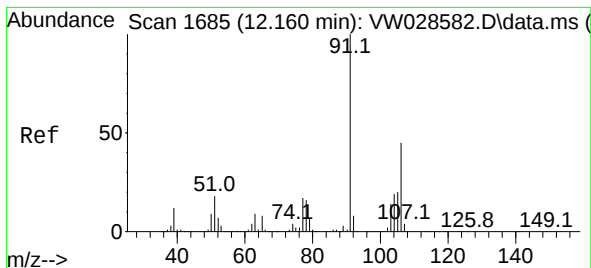
Tgt Ion: 91 Resp: 522149
Ion Ratio Lower Upper
91 100
106 30.0 22.7 42.1



#53
m,p-Xylene
Concen: 24.943 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 106 Resp: 192144
Ion Ratio Lower Upper
106 100
91 201.6 146.6 272.2





#54

o-Xylene

Concen: 25.661 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

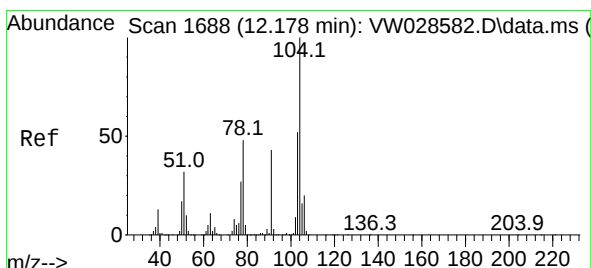
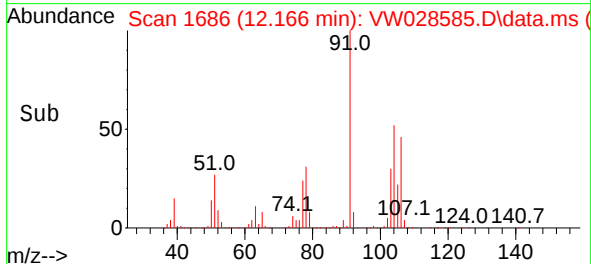
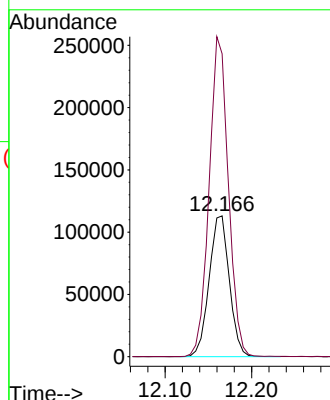
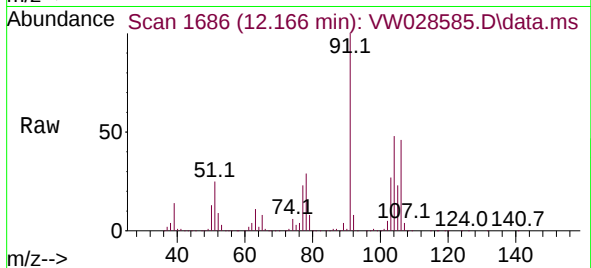
ClientSampleId :

Tgt Ion:106 Resp: 182872

Ion Ratio Lower Upper

106 100

91 215.2 154.3 286.5



#55

Styrene

Concen: 26.367 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028585.D

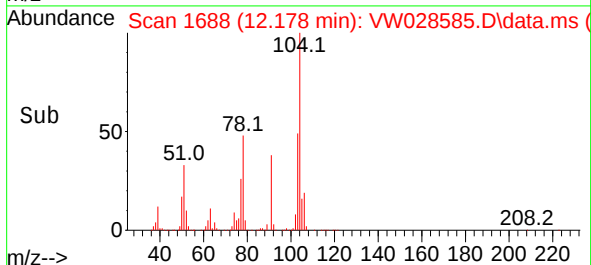
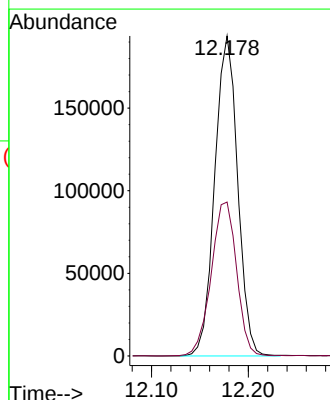
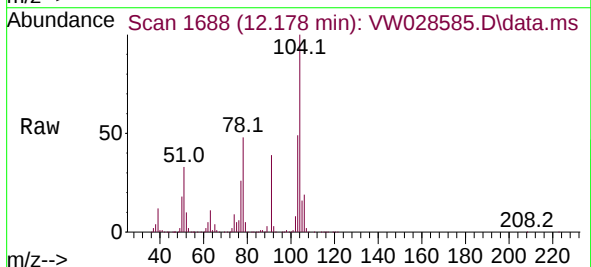
Acq: 03 May 2024 13:46

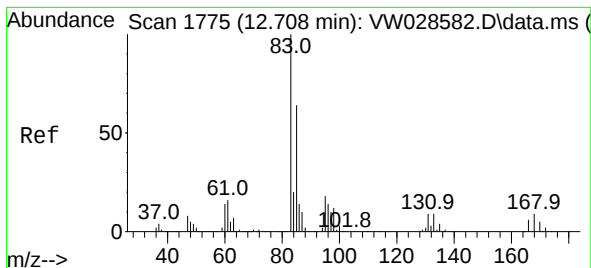
Tgt Ion:104 Resp: 318394

Ion Ratio Lower Upper

104 100

78 48.1 34.1 63.3

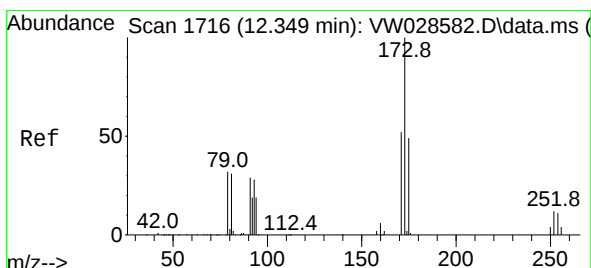
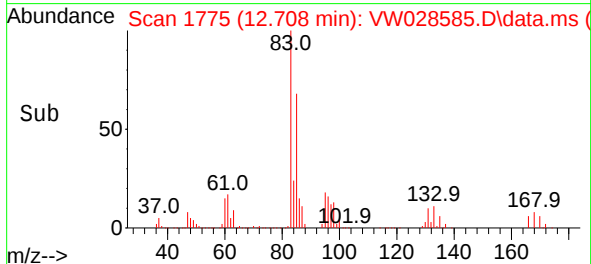
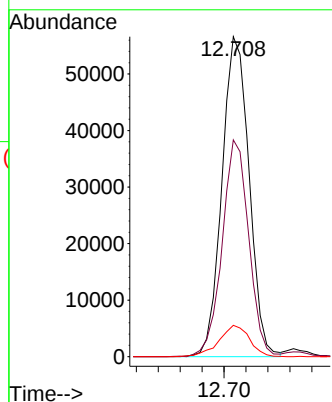
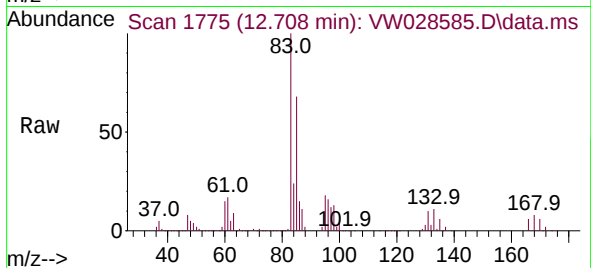




#57
1,1,2,2-Tetrachloroethane
Concen: 22.857 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

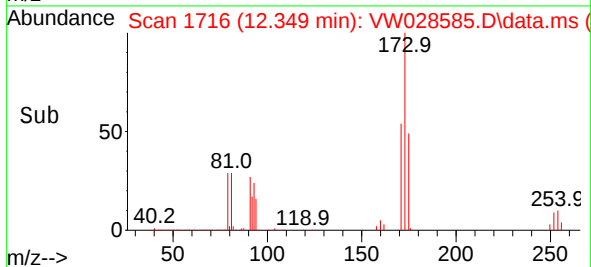
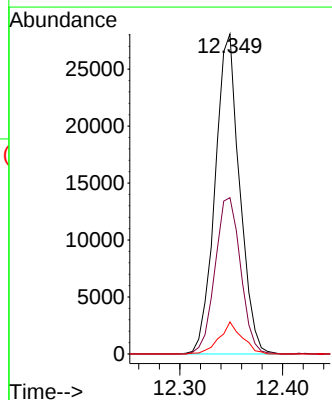
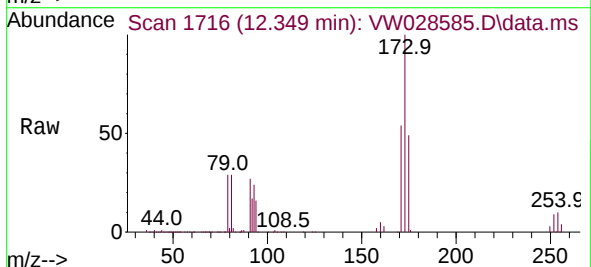
Instrument :
MSVOA_W
ClientSampleId :

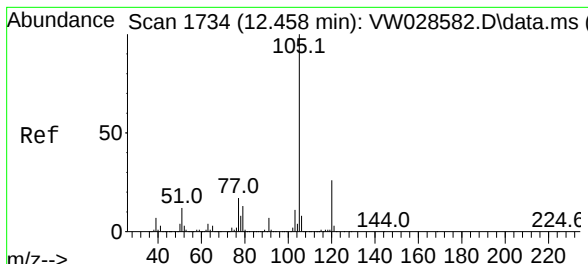
Tgt Ion: 83 Resp: 97325
Ion Ratio Lower Upper
83 100
85 67.7 45.6 84.6
131 9.8 7.3 10.9



#59
Bromoform
Concen: 23.285 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion:173 Resp: 46555
Ion Ratio Lower Upper
173 100
175 50.8 39.8 59.8
254 9.3 7.1 10.7



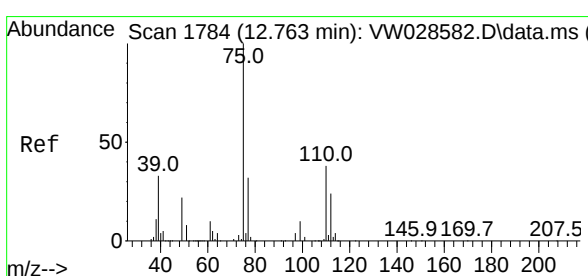
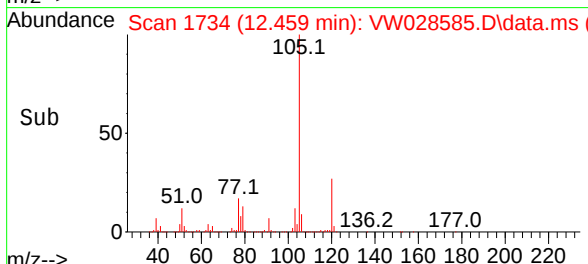
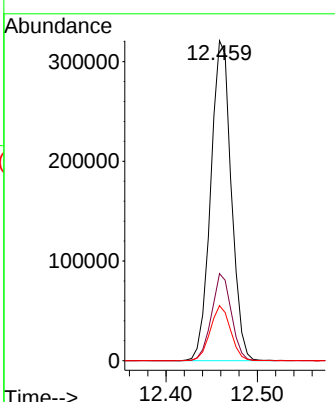
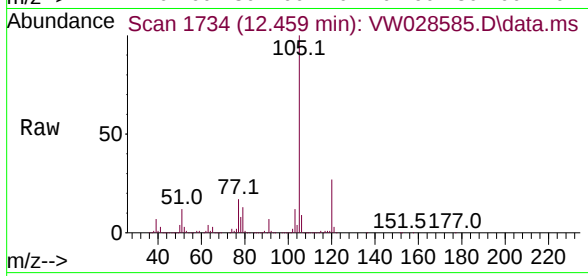


#60
Isopropylbenzene
Concen: 24.062 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 500283

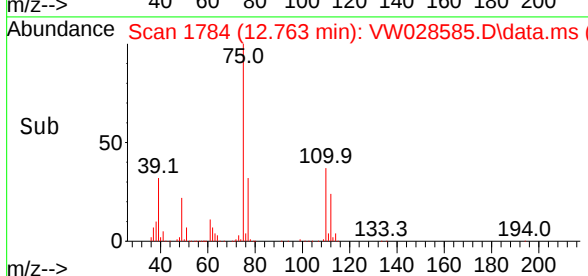
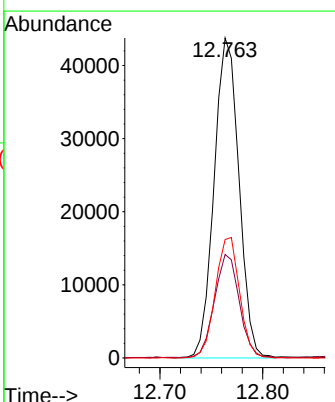
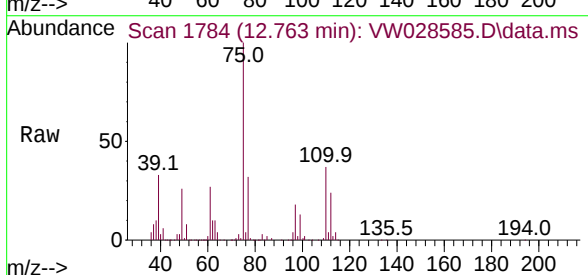
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.5	30.7
77	17.1	13.4	20.2

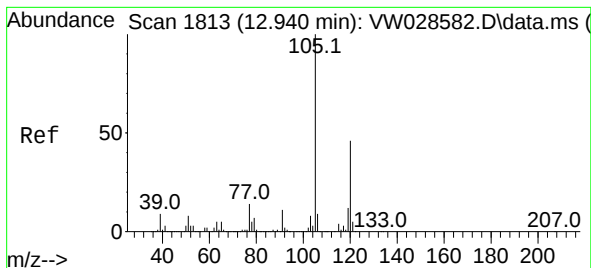


#61
1,2,3-Trichloropropane
Concen: 22.185 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 75 Resp: 73476

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.9	38.9
110	36.7	30.6	45.8

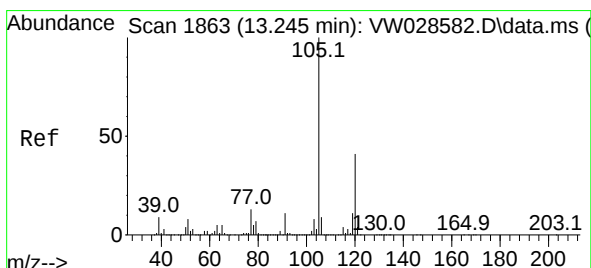
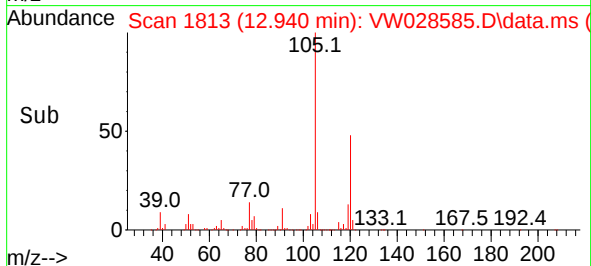
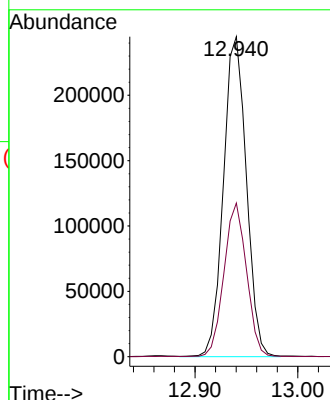
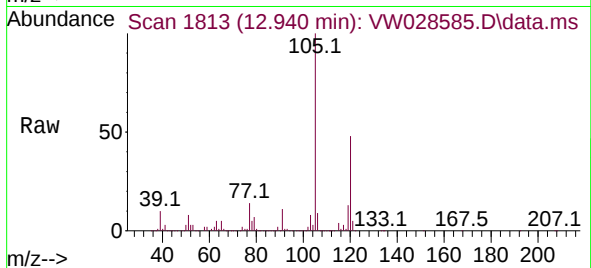




#62
1,3,5-Trimethylbenzene
Concen: 25.751 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

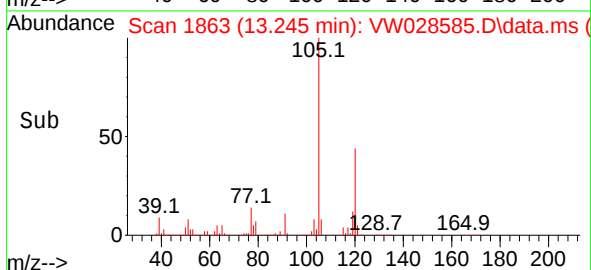
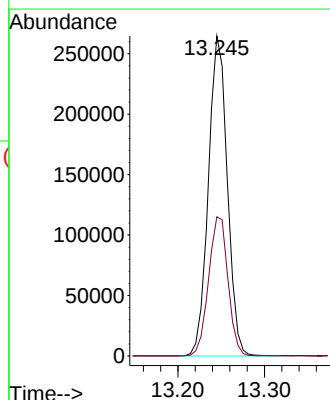
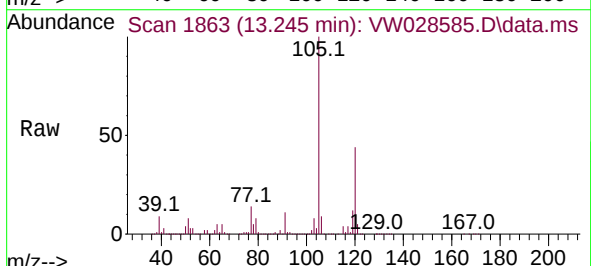
Instrument :
MSVOA_W
ClientSampleId :

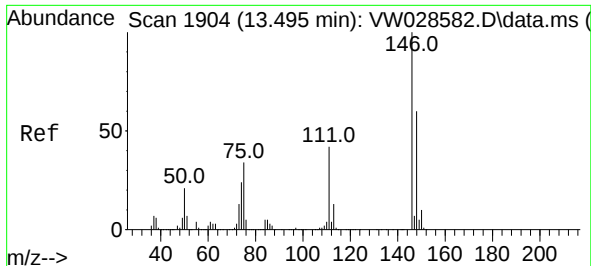
Tgt Ion:105 Resp: 378813
Ion Ratio Lower Upper
105 100
120 47.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.352 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion:105 Resp: 401838
Ion Ratio Lower Upper
105 100
120 44.6 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.504 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :

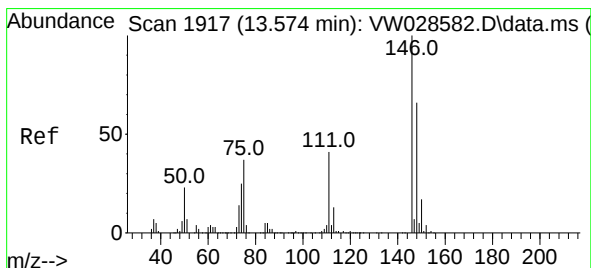
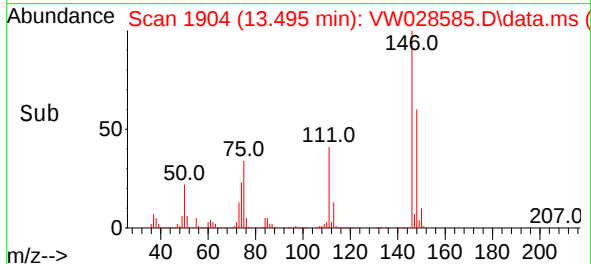
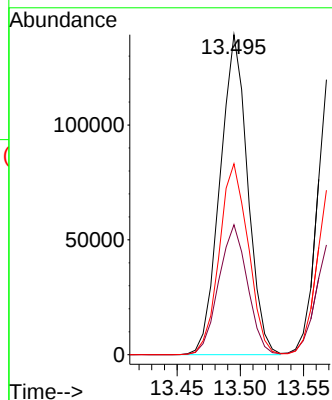
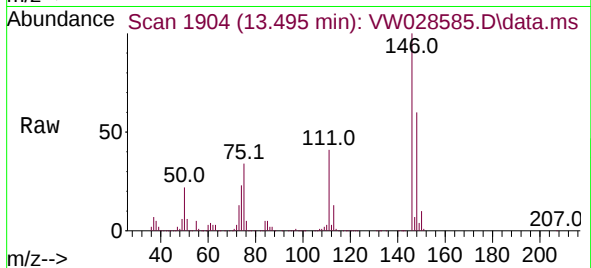
Tgt Ion:146 Resp: 211942

Ion Ratio Lower Upper

146 100

111 40.6 30.7 57.1

148 59.6 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 24.586 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

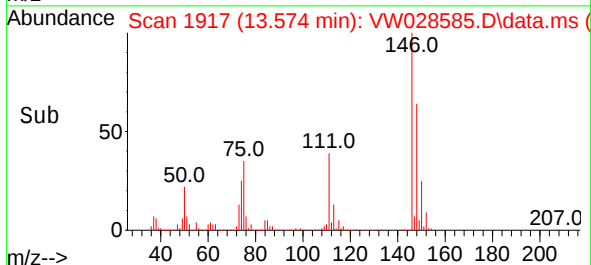
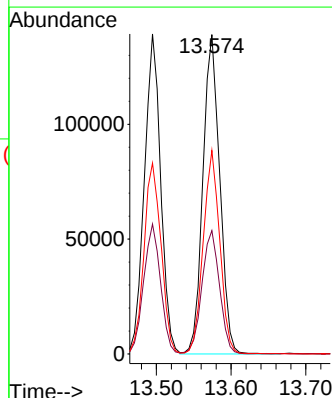
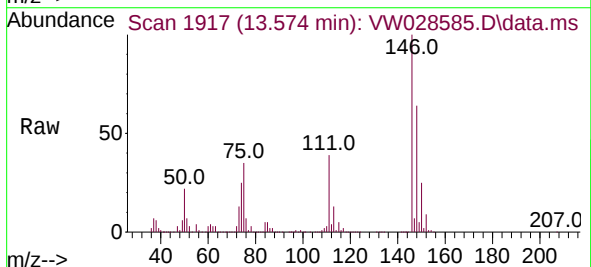
Tgt Ion:146 Resp: 217410

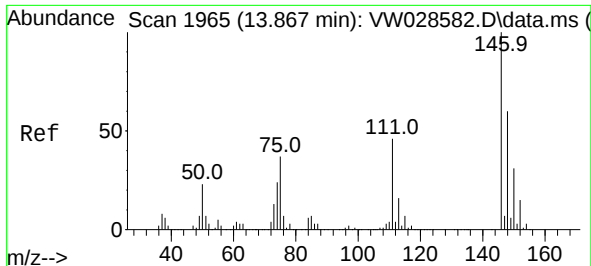
Ion Ratio Lower Upper

146 100

111 38.6 29.1 54.1

148 63.7 41.2 76.6

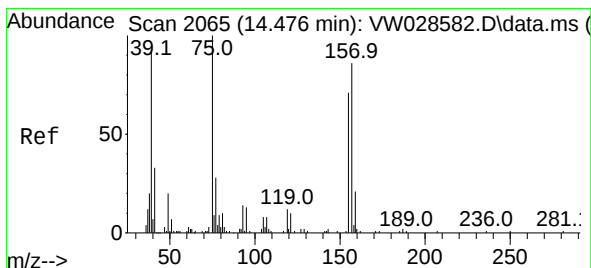
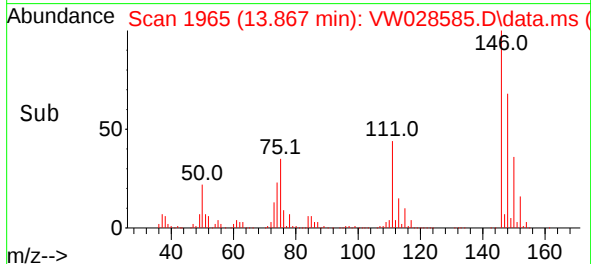
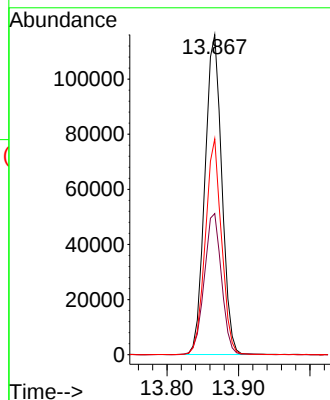
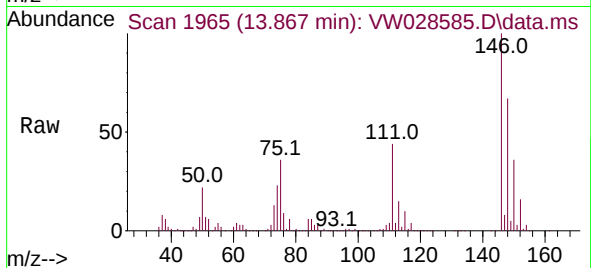




#67
1,2-Dichlorobenzene
Concen: 24.523 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

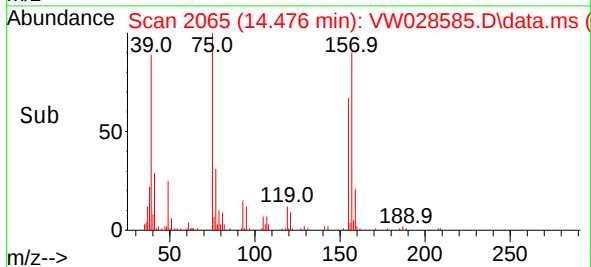
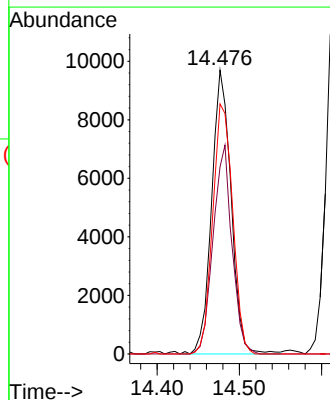
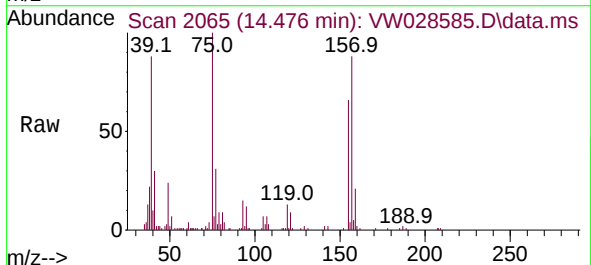
Instrument :
MSVOA_W
ClientSampleId :

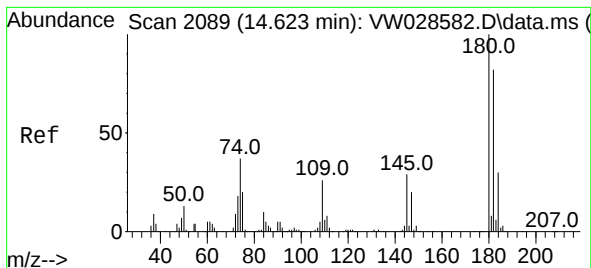
Tgt Ion:146 Resp: 189844
Ion Ratio Lower Upper
146 100
111 44.1 34.7 52.1
148 67.4 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 20.560 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion: 75 Resp: 15921
Ion Ratio Lower Upper
75 100
155 65.9 55.1 82.7
157 88.1 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.107 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

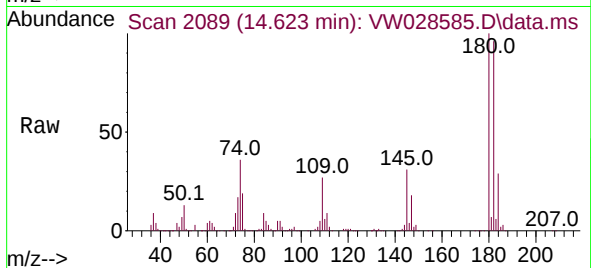
Lab File: VW028585.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 139917

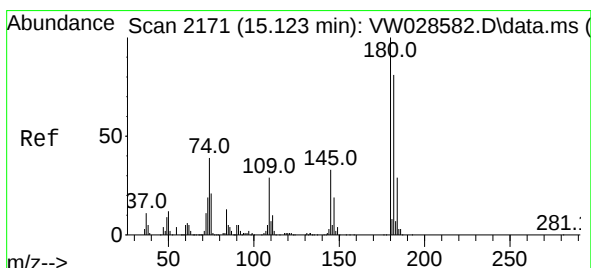
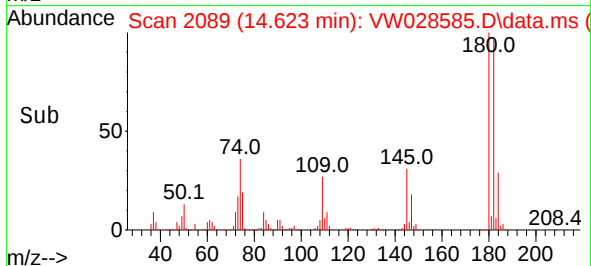
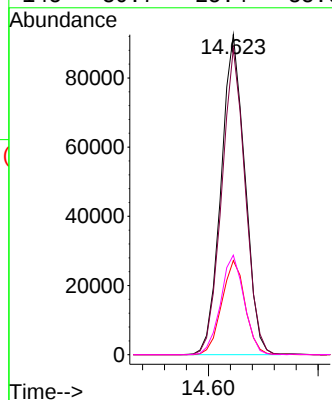
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.2

184 28.8 24.0 36.0

145 30.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.403 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028585.D

Acq: 03 May 2024 13:46

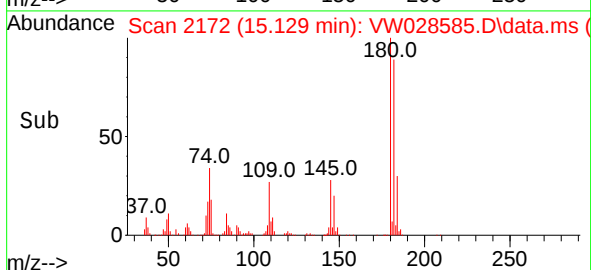
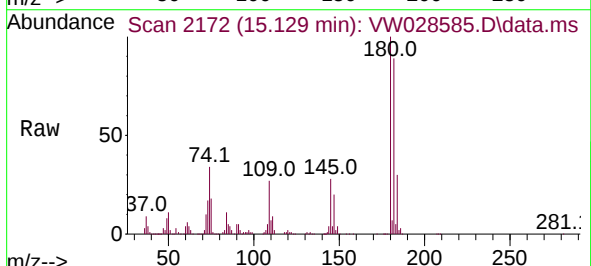
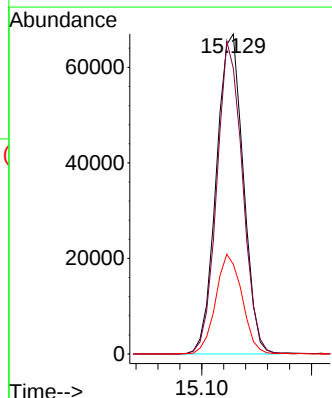
Tgt Ion:180 Resp: 114442

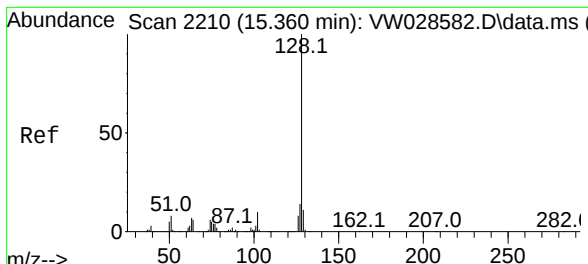
Ion Ratio Lower Upper

180 100

182 93.2 77.2 115.8

145 30.2 26.6 39.8



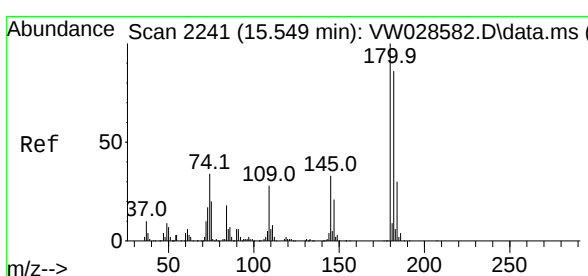
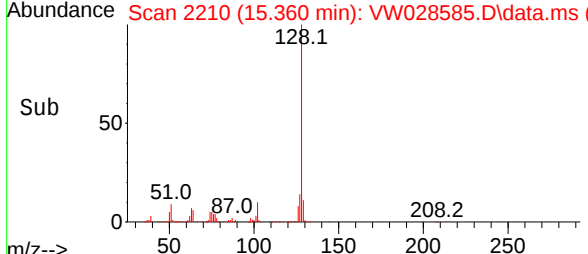
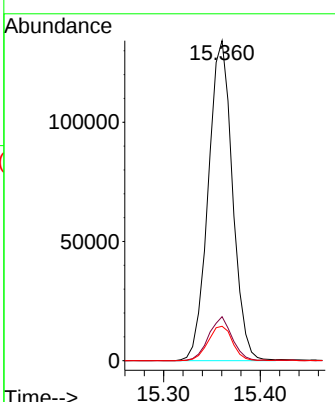
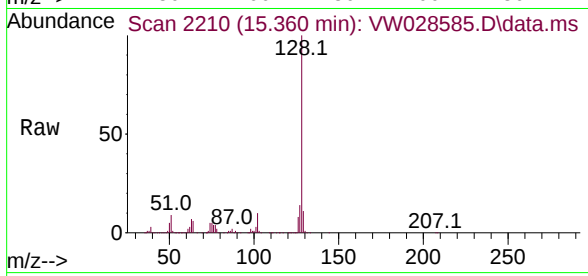


#71
Naphthalene
Concen: 23.339 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 233188

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.232 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028585.D
Acq: 03 May 2024 13:46

Tgt Ion:180 Resp: 102542

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
145	32.9	28.3	42.5

