

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
 Data File : VW028375.D
 Acq On : 10 Apr 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 05:51:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	290051	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	135603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108263	23.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
7) Chloroethane-d5	2.899	69	85999	24.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	4.021	65	44700	22.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.800%
21) 2-Butanone-d5	7.075	46	51058	58.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.648	84	190465	25.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	8.307	65	104098	26.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.880%
32) Benzene-d6	8.270	84	370594	26.185	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.760%
36) 1,2-Dichloropropane-d6	9.270	67	110043	26.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.640%
41) Toluene-d8	10.318	98	338998	26.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.360%
43) trans-1,3-Dichloroprop...	10.575	79	44864	26.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.280%
47) 2-Hexanone-d5	10.922	63	34777	59.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88153	29.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	101672	23.708	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	93461	23.958	ug/L	100
3) Chloromethane	2.222	50	114085	24.908	ug/L	96
5) Vinyl chloride	2.375	62	129417	23.726	ug/L	100
6) Bromomethane	2.789	94	80867	23.729	ug/L	98
8) Chloroethane	2.942	64	80756	24.560	ug/L	99
9) Trichlorofluoromethane	3.271	101	106017	24.364	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98881	24.154	ug/L	96
12) 1,1-Dichloroethene	4.045	96	90271	23.485	ug/L	93
13) Acetone	4.118	43	67835	63.492	ug/L	99
14) Carbon disulfide	4.393	76	302165	23.877	ug/L	100
15) Methyl Acetate	4.667	43	45780	26.630	ug/L	99
16) Methylene chloride	4.923	84	98482	22.439	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	100844	24.906	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	141886	24.911	ug/L	100
19) 1,1-Dichloroethane	6.216	63	196772	24.943	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	107991	25.129	ug/L	95
22) 2-Butanone	7.167	43	73883	56.982	ug/L	99
23) Bromochloromethane	7.514	128	44888	24.250	ug/L	85
25) Chloroform	7.679	83	194307	25.074	ug/L	97

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 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

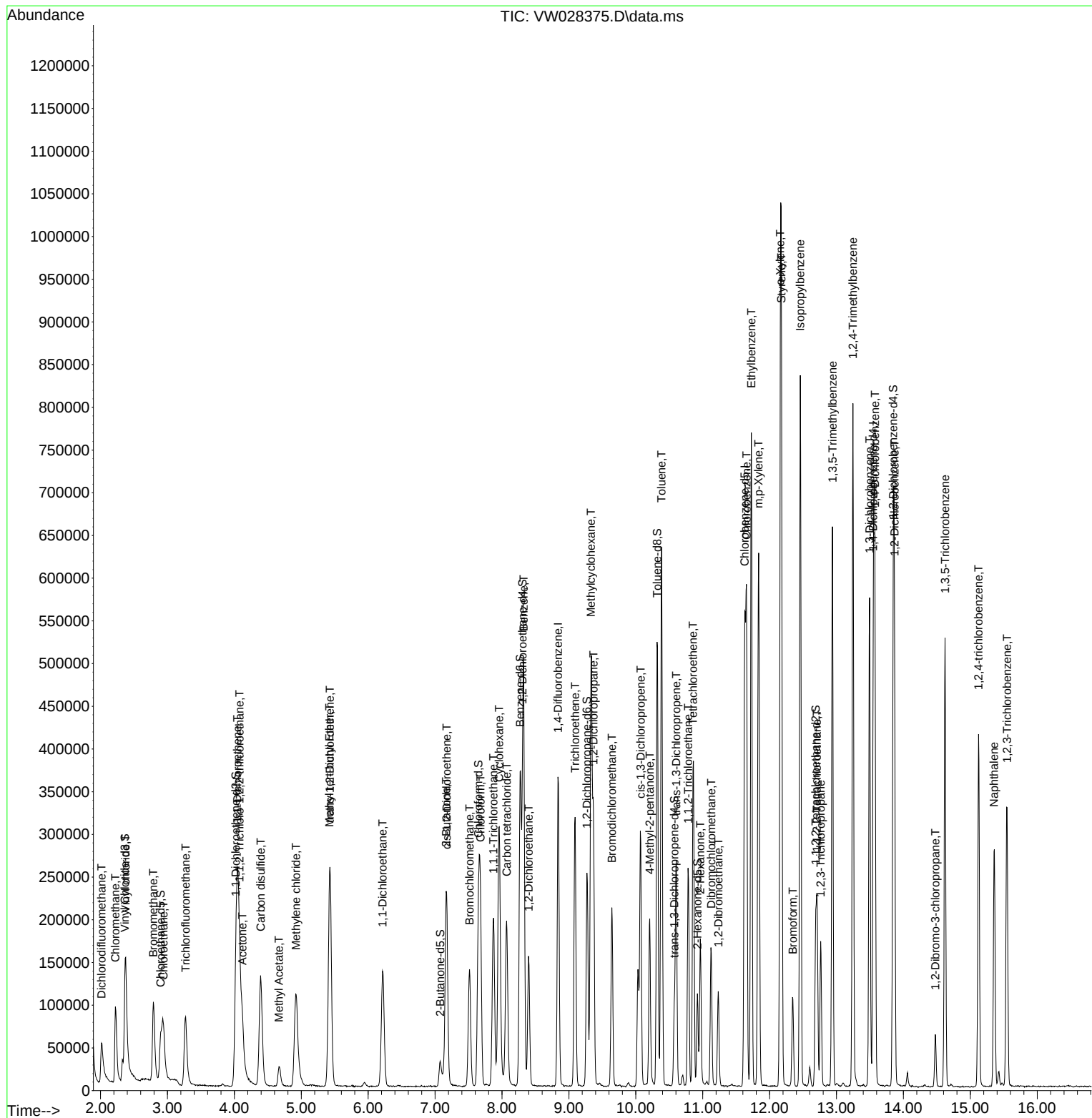
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136467	25.514	ug/L	100
29) Cyclohexane	7.959	56	181134	26.469	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	160026	25.469	ug/L	98
31) Carbon tetrachloride	8.069	117	145434	26.103	ug/L	100
33) Benzene	8.325	78	412021	25.437	ug/L	100
34) Trichloroethene	9.093	95	110897	25.263	ug/L	97
35) Methylcyclohexane	9.331	83	194438	25.957	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108106	25.607	ug/L	100
38) Bromodichloromethane	9.642	83	137513	26.279	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	162649	26.272	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	130594	61.794	ug/L	98
42) Toluene	10.386	91	443972	25.873	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	136256	27.206	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75234	26.341	ug/L	96
46) Tetrachloroethene	10.855	164	84358	25.728	ug/L	89
48) 2-Hexanone	10.965	43	109917	65.523	ug/L	99
49) Dibromochloromethane	11.129	129	78556	25.733	ug/L	95
50) 1,2-Dibromoethane	11.233	107	72021	27.627	ug/L	97
51) Chlorobenzene	11.654	112	271543	25.458	ug/L	98
52) Ethylbenzene	11.727	91	513742	26.411	ug/L	100
53) m,p-Xylene	11.836	106	187096	25.864	ug/L	99
54) o-Xylene	12.160	106	175195	26.011	ug/L	91
55) Styrene	12.178	104	306762	26.760	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	92465	28.606	ug/L	99
59) Bromoform	12.349	173	45226	25.267	ug/L	100
60) Isopropylbenzene	12.458	105	505224	24.852	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66292	26.739	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	328941	25.387	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	402492	25.811	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	211284	24.494	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	211474	24.101	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	186497	24.579	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13986	24.619	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	149088	25.117	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	118167	25.493	ug/L	95
71) Naphthalene	15.354	128	231317	28.197	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	104762	25.469	ug/L	99

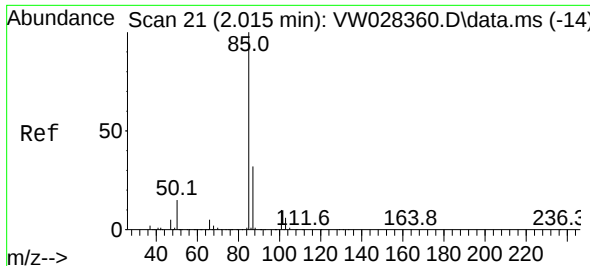
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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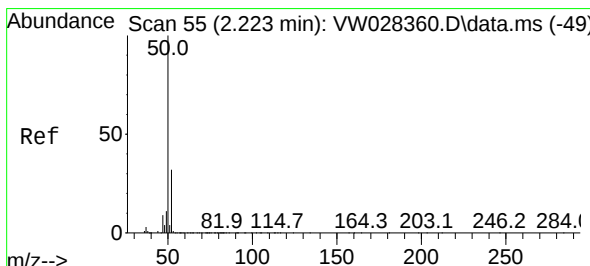
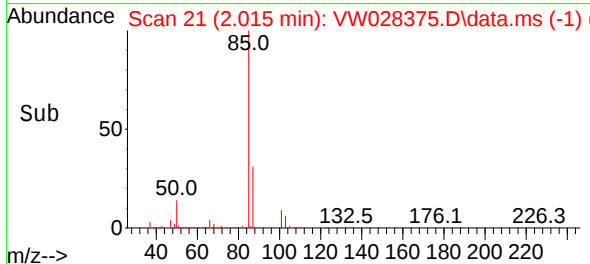
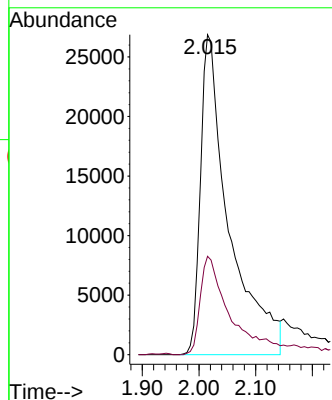
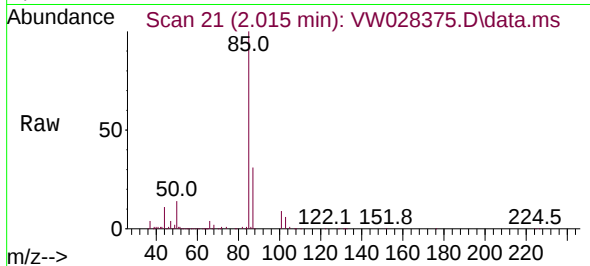




#2
 Dichlorodifluoromethane
 Concen: 23.958 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028375.D
 Acq: 10 Apr 2024 08:56

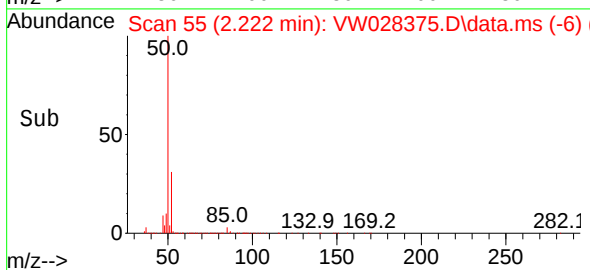
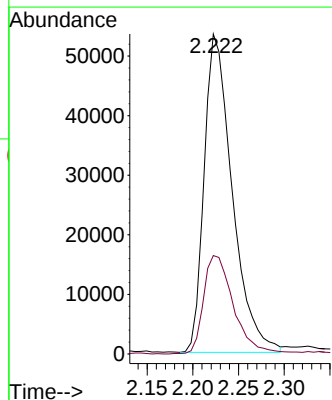
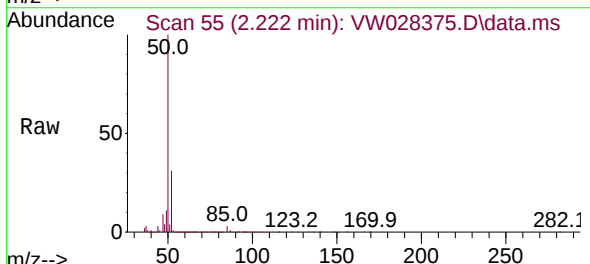
Instrument :
 MSVOA_W
 ClientSampleId :

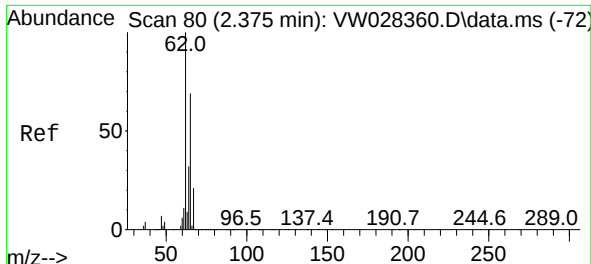
Tgt Ion: 85 Resp: 93461
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.4 35.0



#3
 Chloromethane
 Concen: 24.908 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028375.D
 Acq: 10 Apr 2024 08:56

Tgt Ion: 50 Resp: 114085
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.0 42.6

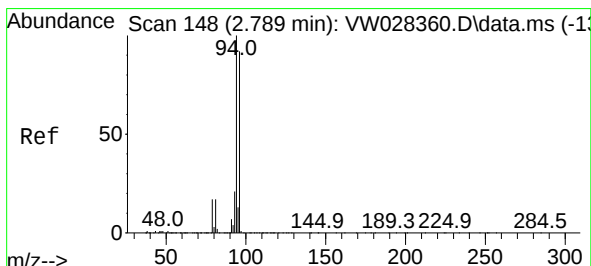
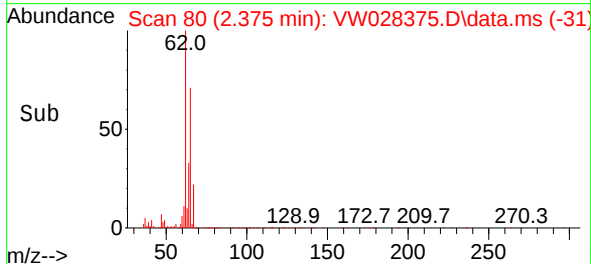
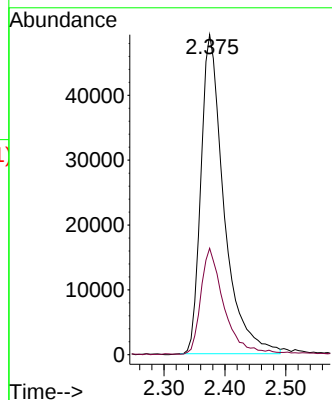
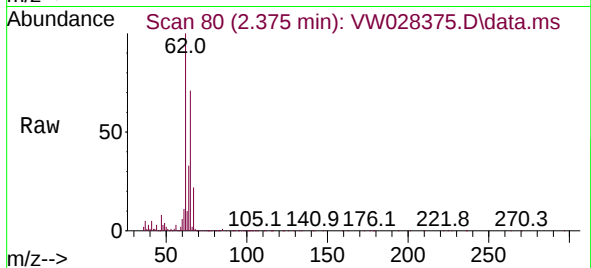




#5
 Vinyl chloride
 Concen: 23.726 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028375.D
 Acq: 10 Apr 2024 08:56

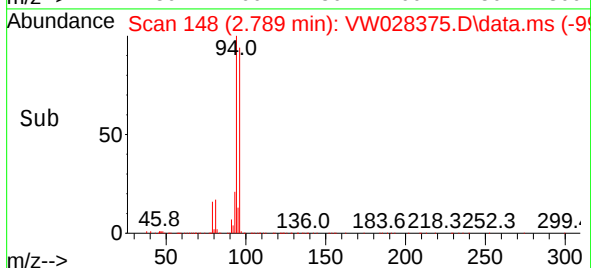
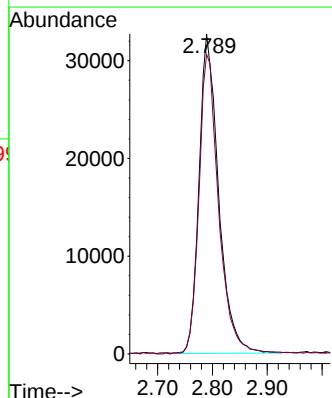
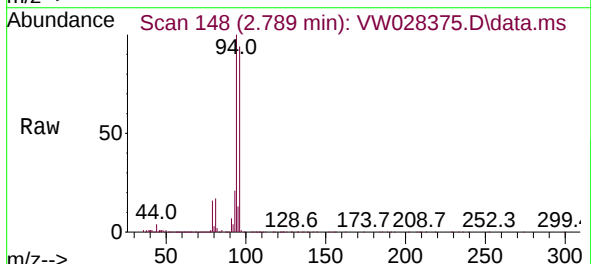
Instrument :
 MSVOA_W
 ClientSampleId :

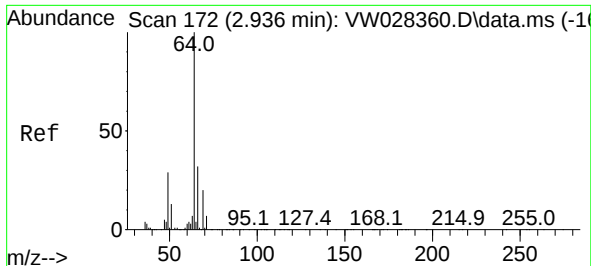
Tgt Ion: 62 Resp: 129417
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 23.729 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028375.D
 Acq: 10 Apr 2024 08:56

Tgt Ion: 94 Resp: 80867
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.3 119.5

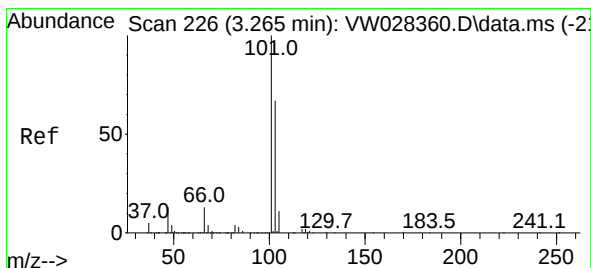
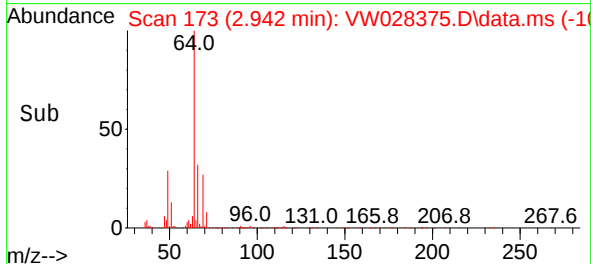
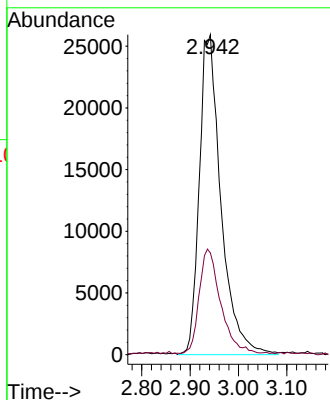
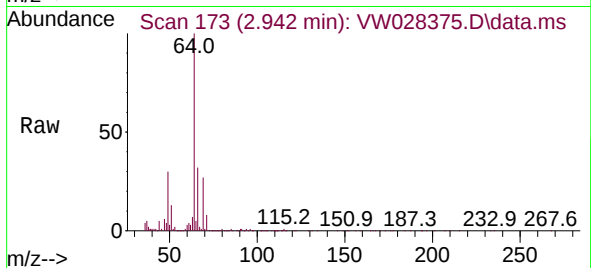




#8
Chloroethane
Concen: 24.560 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

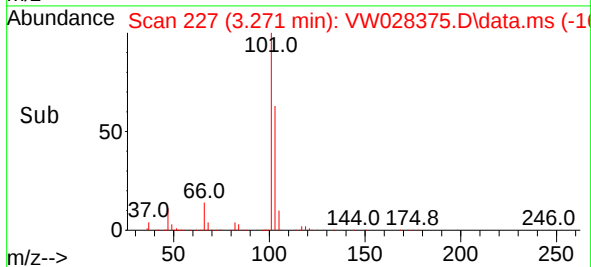
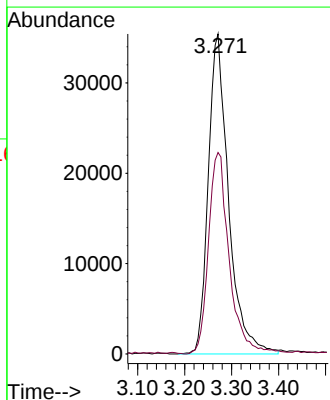
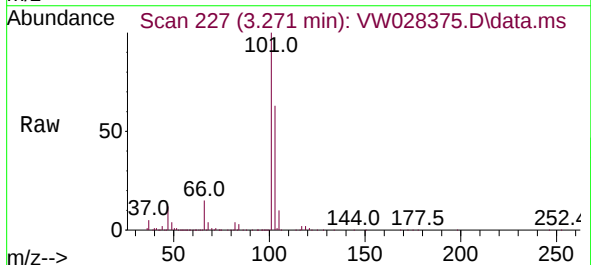
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MSVOA_W
ClientSampleId :

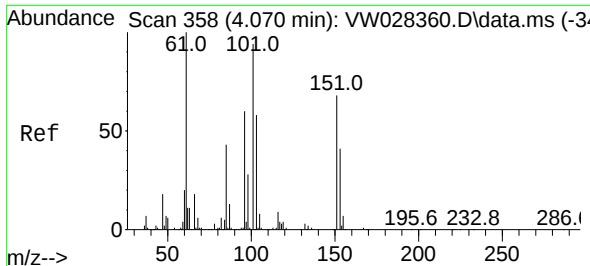
Tgt Ion: 64 Resp: 80756
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.364 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion:101 Resp: 106017
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0





#10

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

Concen: 24.154 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

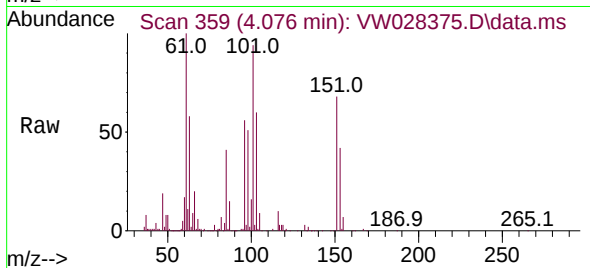
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Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



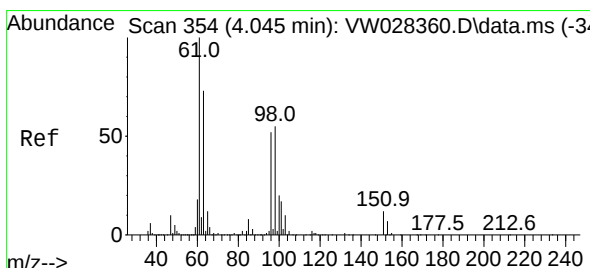
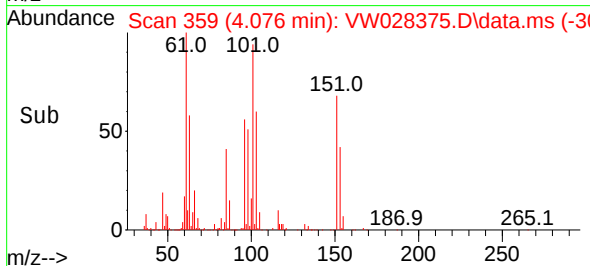
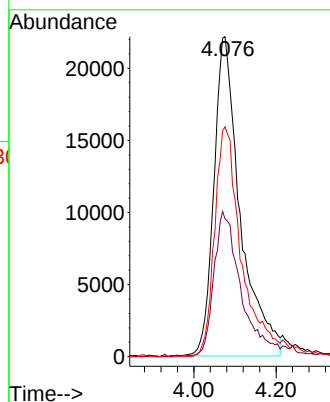
Tgt Ion:101 Resp: 98881

Ion Ratio Lower Upper

101 100

85 45.1 34.5 51.7

151 67.8 57.5 86.3



#12

1,1-Dichloroethene

Concen: 23.485 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

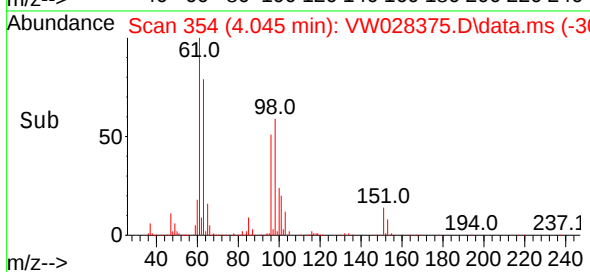
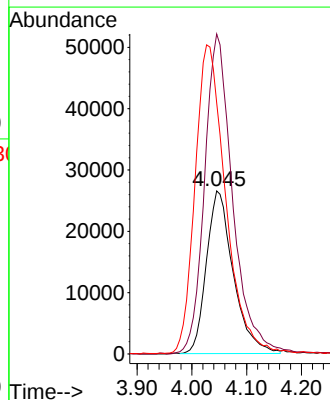
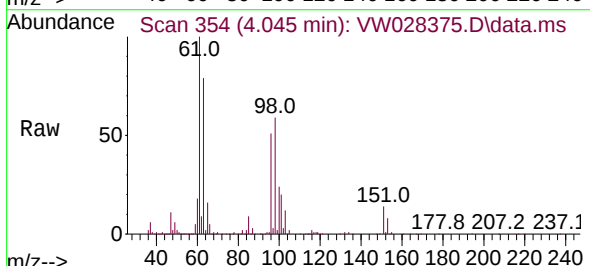
Tgt Ion: 96 Resp: 90271

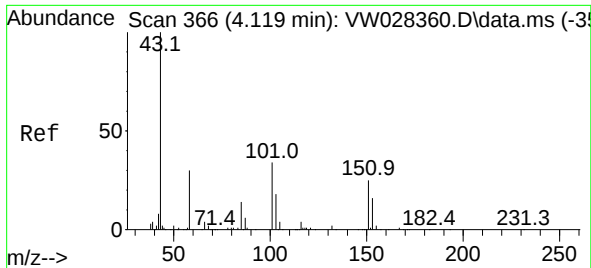
Ion Ratio Lower Upper

96 100

61 196.4 130.5 242.5

63 154.2 101.5 188.5





#13

Acetone

Concen: 63.492 ug/L

RT: 4.118 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

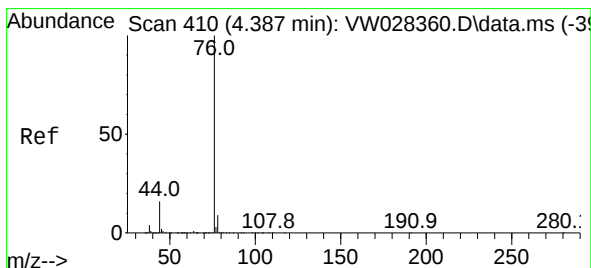
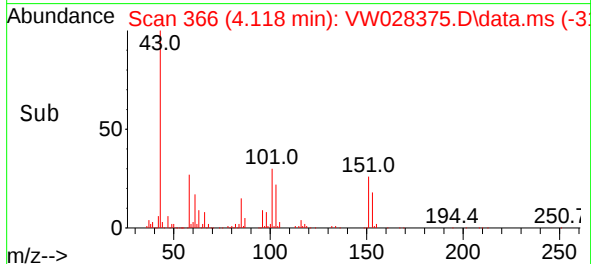
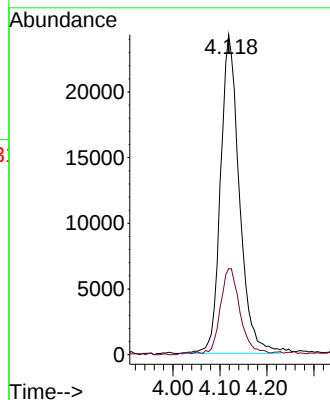
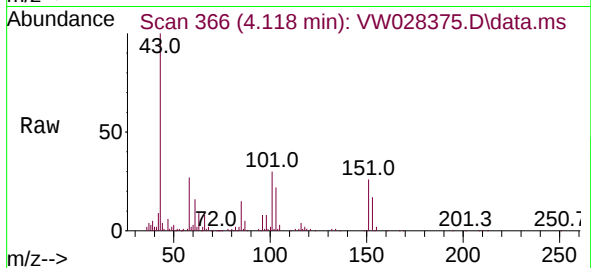
ClientSampleId :

Tgt Ion: 43 Resp: 67835

Ion Ratio Lower Upper

43 100

58 27.3 0.0 53.4



#14

Carbon disulfide

Concen: 23.877 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028375.D

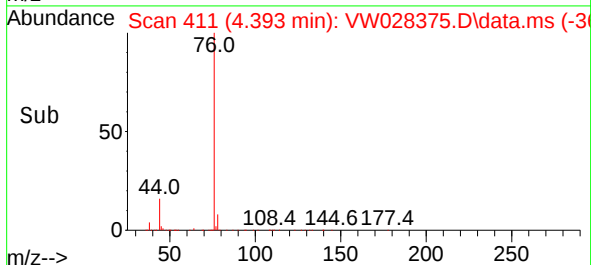
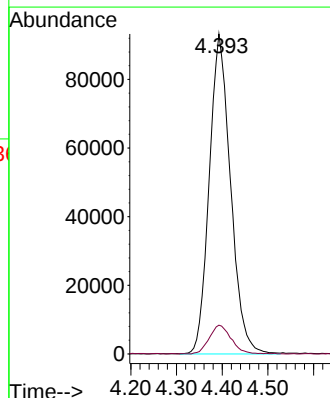
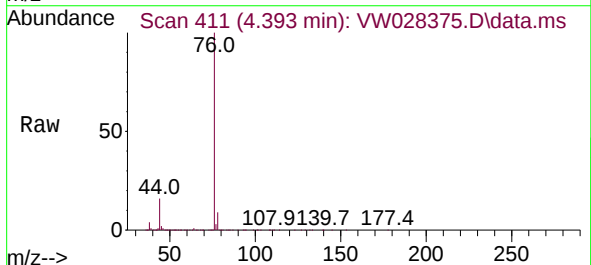
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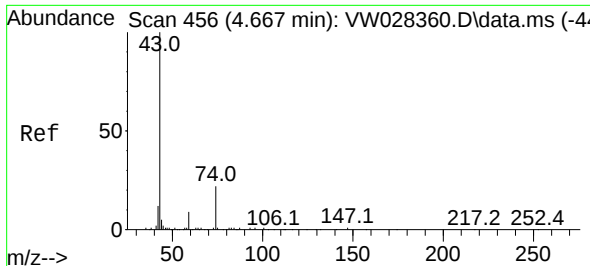
Tgt Ion: 76 Resp: 302165

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

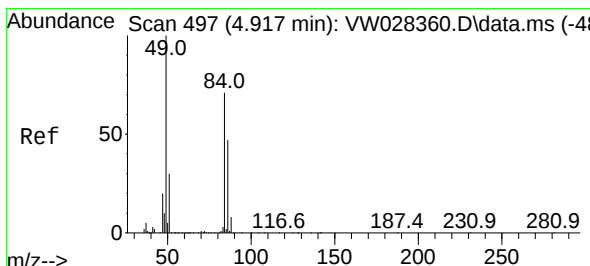
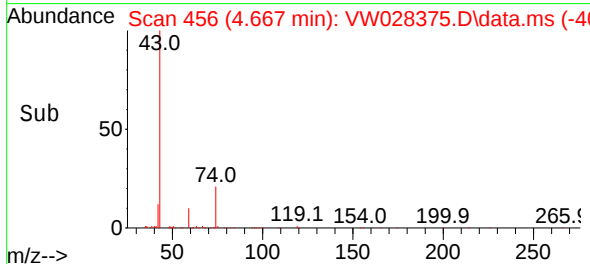
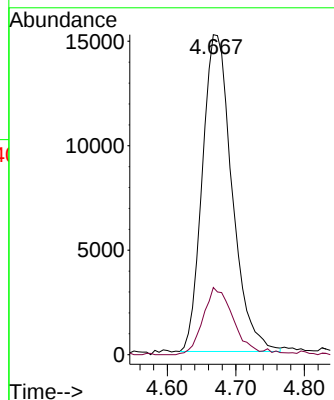
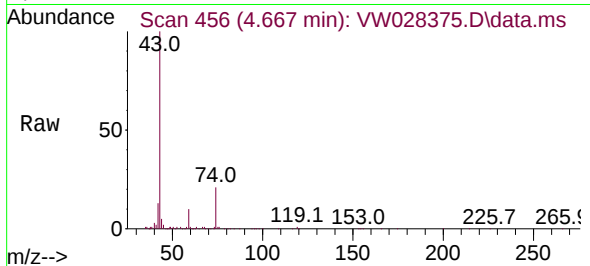




#15
Methyl Acetate
Concen: 26.630 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

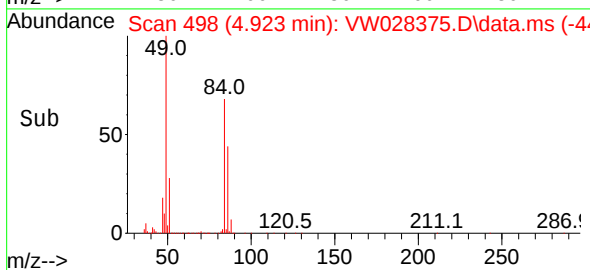
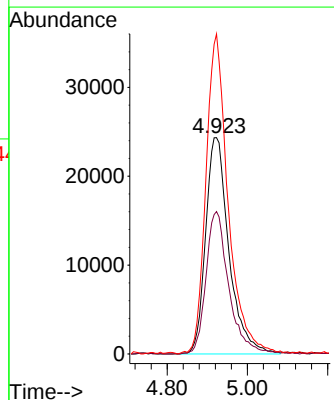
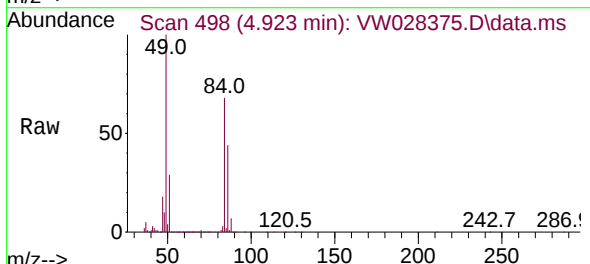
Instrument :
MSVOA_W
ClientSampleId :

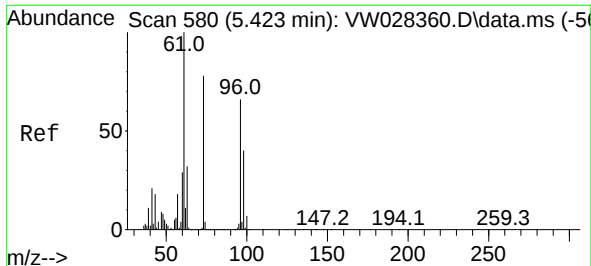
Tgt Ion: 43 Resp: 45780
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0



#16
Methylene chloride
Concen: 22.439 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion: 84 Resp: 98482
Ion Ratio Lower Upper
84 100
86 65.8 44.2 82.0
49 147.9 95.0 176.4

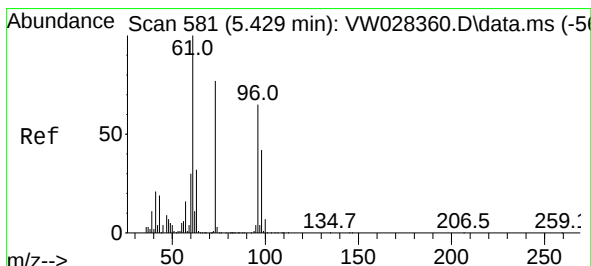
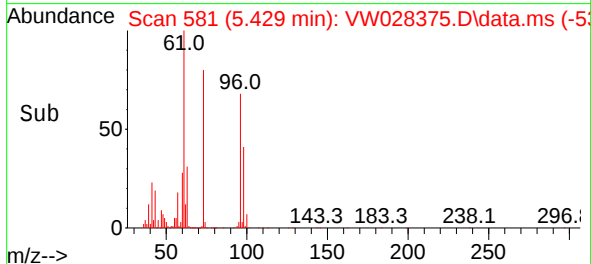
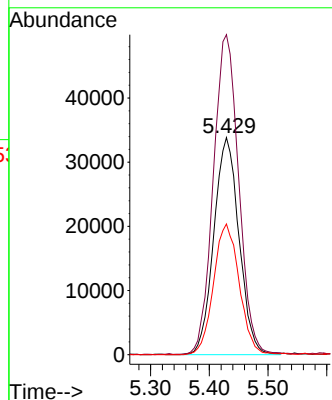
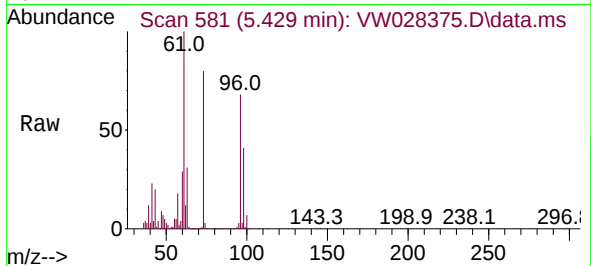




#17
trans-1,2-Dichloroethene
Concen: 24.906 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

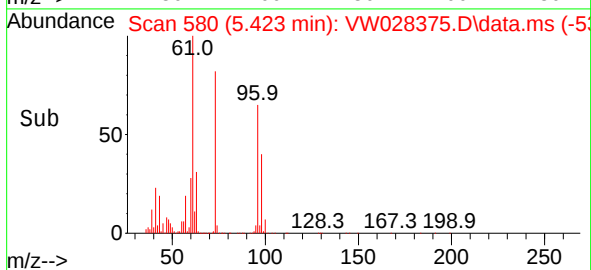
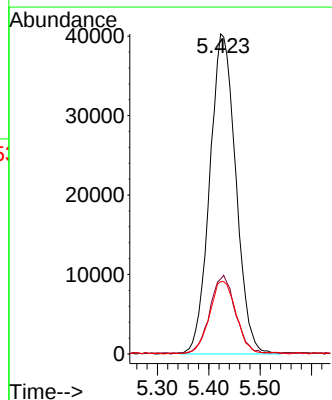
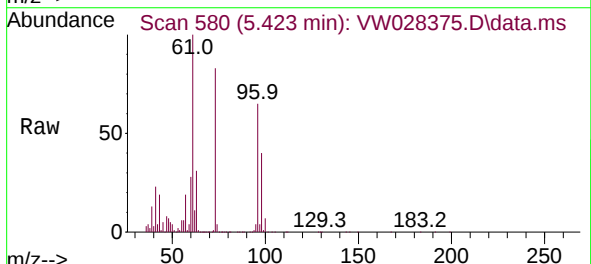
Instrument :
MSVOA_W
ClientSampleId :

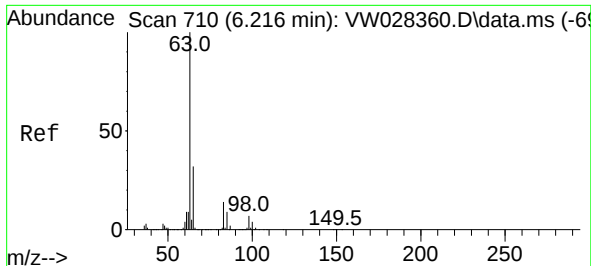
Tgt Ion: 96 Resp: 100844
Ion Ratio Lower Upper
96 100
61 147.3 108.4 201.4
98 60.2 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 24.911 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

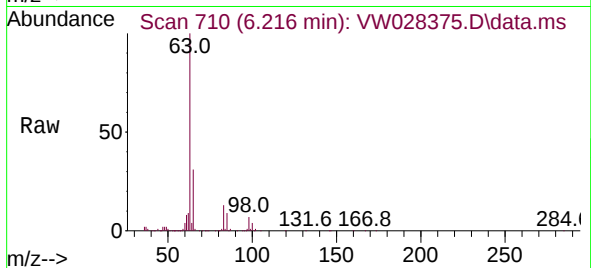
Tgt Ion: 73 Resp: 141886
Ion Ratio Lower Upper
73 100
43 23.5 18.5 27.7
57 22.8 18.2 27.4



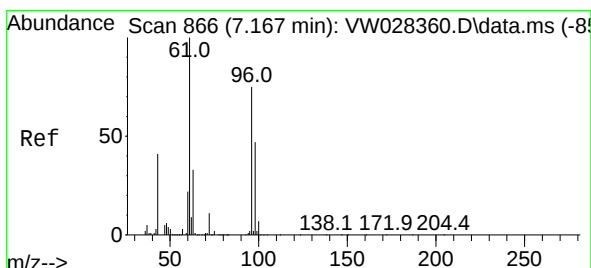
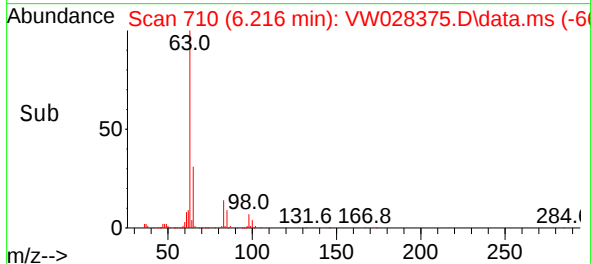
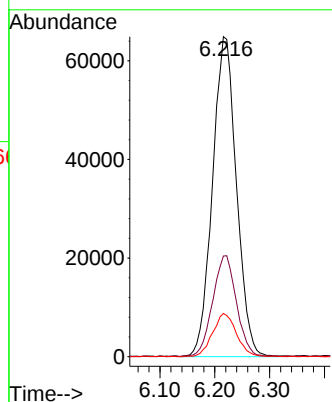


#19
1,1-Dichloroethane
Concen: 24.943 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :

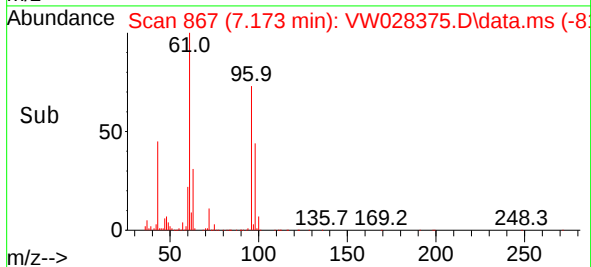
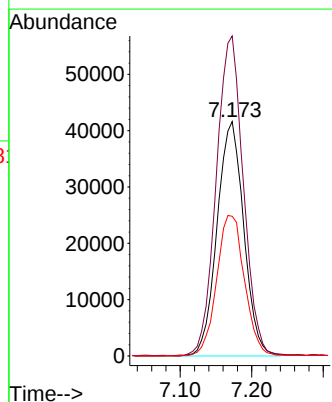
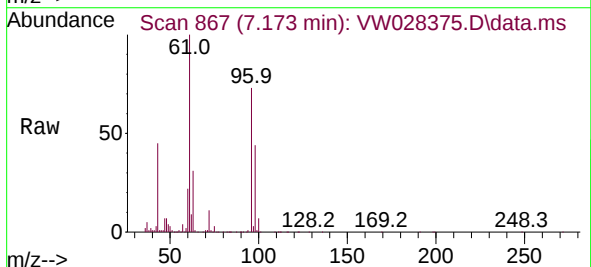


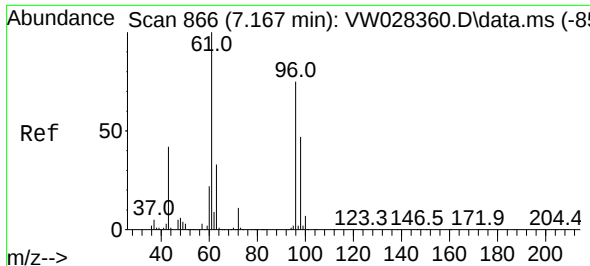
Tgt Ion: 63 Resp: 196772
Ion Ratio Lower Upper
63 100
65 31.5 21.8 40.4
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 25.129 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion: 96 Resp: 107991
Ion Ratio Lower Upper
96 100
61 136.5 97.6 181.2
98 59.6 47.7 88.5

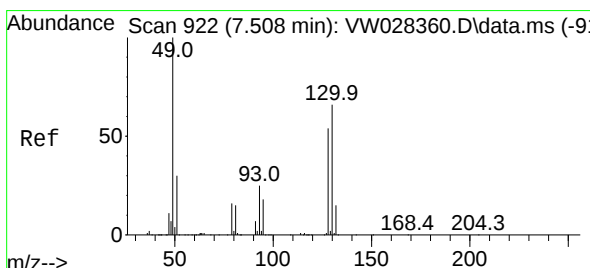
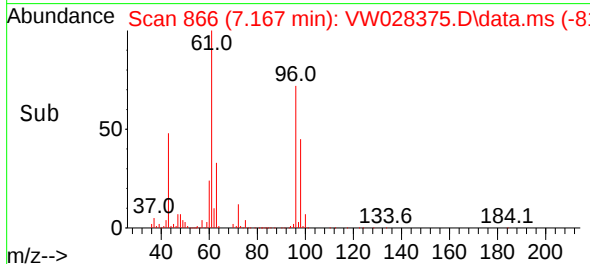
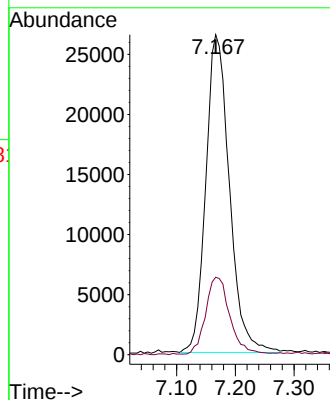
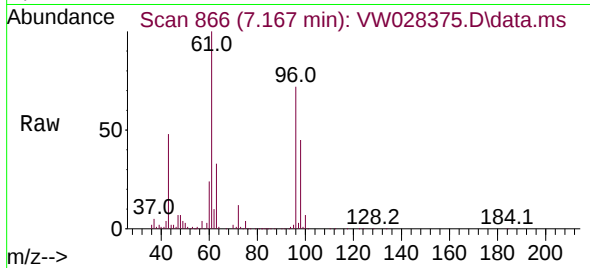




#22
2-Butanone
Concen: 56.982 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

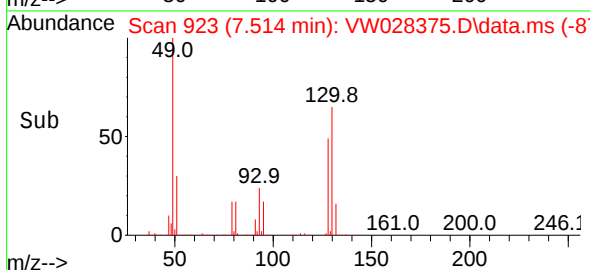
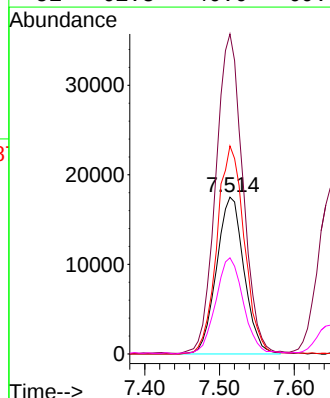
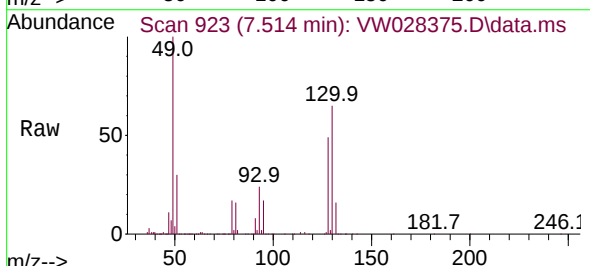
Instrument :
MSVOA_W
ClientSampleId :

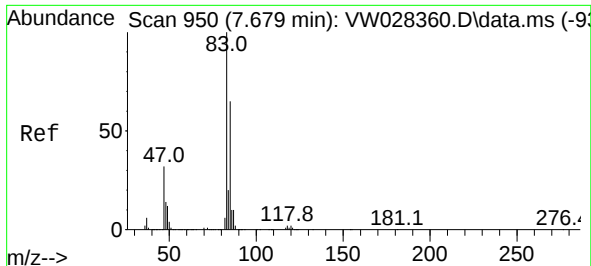
Tgt Ion: 43 Resp: 73883
Ion Ratio Lower Upper
43 100
72 25.1 12.8 38.4



#23
Bromochloromethane
Concen: 24.250 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion: 128 Resp: 44888
Ion Ratio Lower Upper
128 100
49 204.0 127.1 236.0
130 132.6 78.3 145.5
51 61.3 46.0 69.0





#25

Chloroform

Concen: 25.074 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

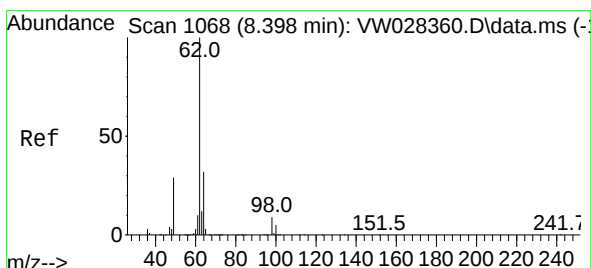
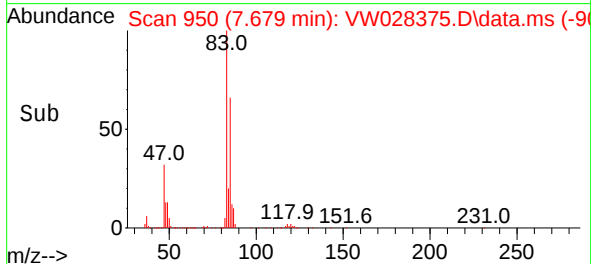
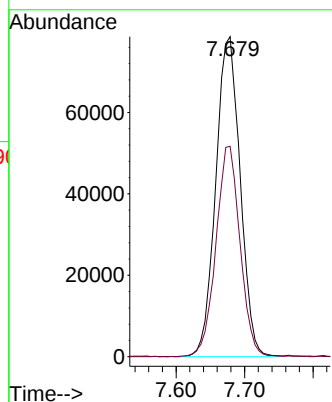
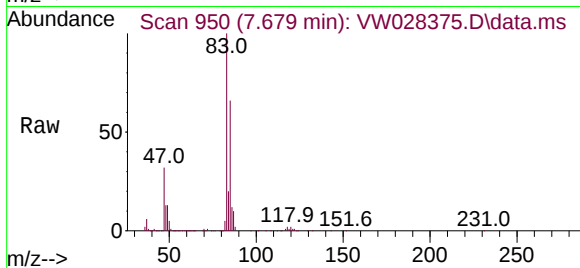
ClientSampleId :

Tgt Ion: 83 Resp: 194307

Ion Ratio Lower Upper

83 100

85 65.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 25.514 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028375.D

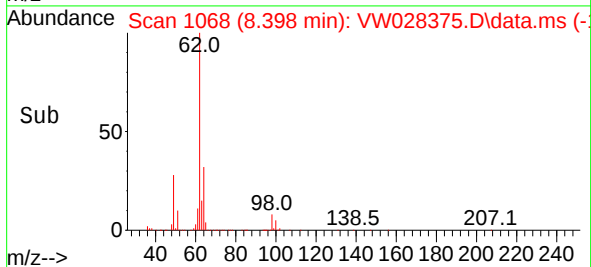
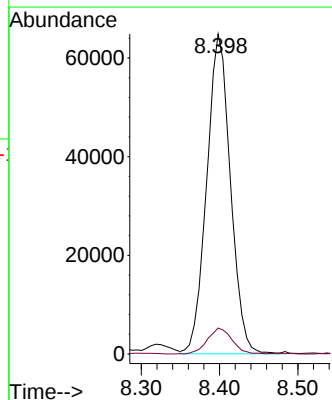
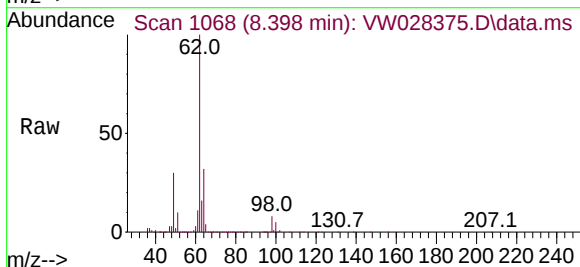
Acq: 10 Apr 2024 08:56

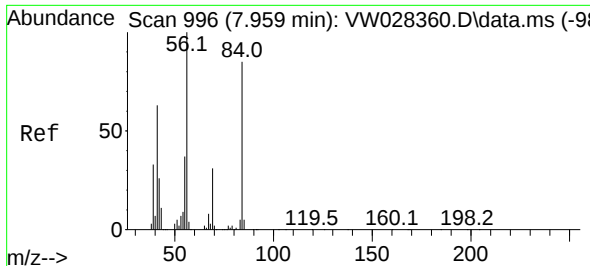
Tgt Ion: 62 Resp: 136467

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 26.469 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

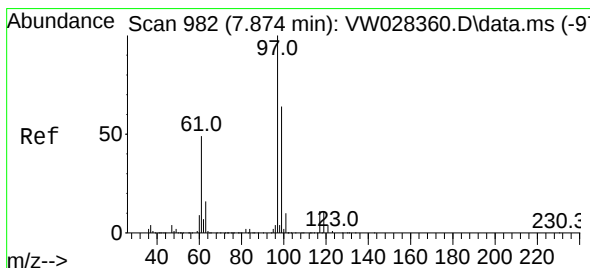
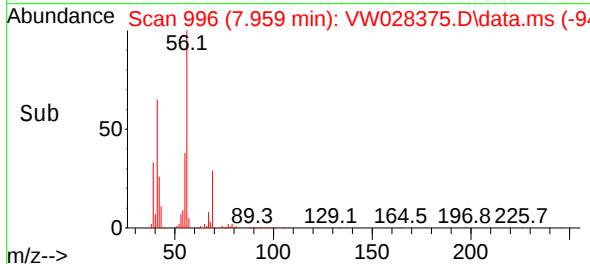
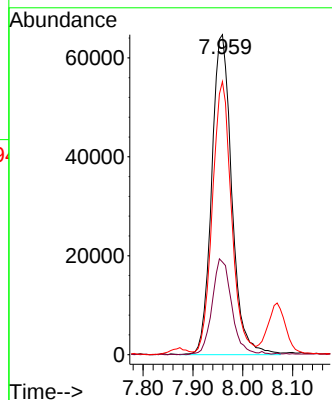
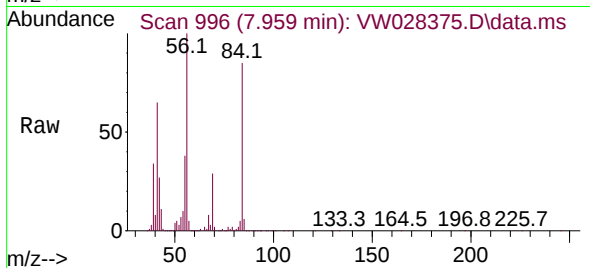
Tgt Ion: 56 Resp: 181134

Ion Ratio Lower Upper

56 100

69 29.0 23.8 35.6

84 81.2 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 25.469 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

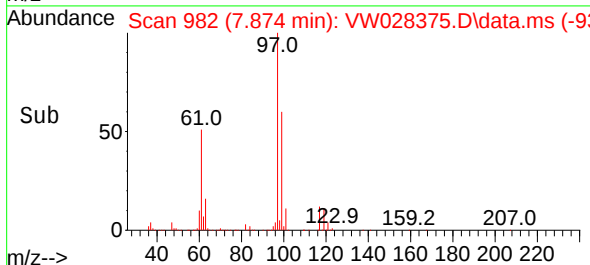
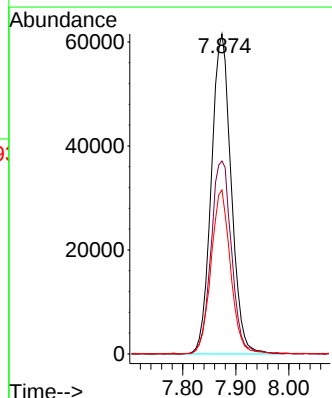
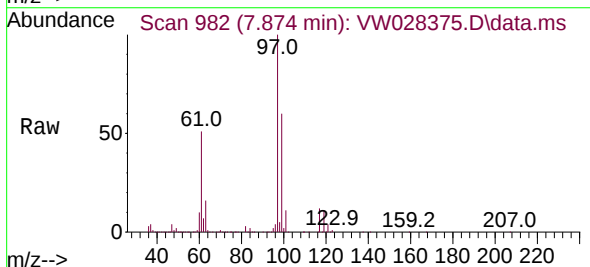
Tgt Ion: 97 Resp: 160026

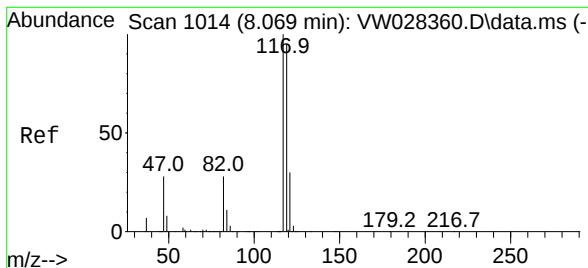
Ion Ratio Lower Upper

97 100

99 62.1 51.4 77.2

61 50.1 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.103 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

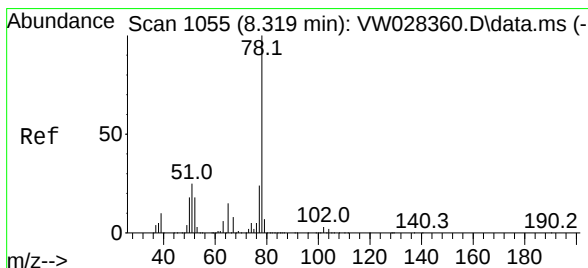
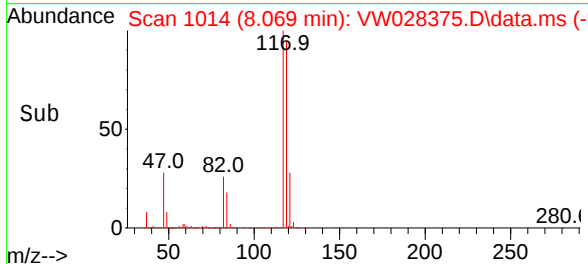
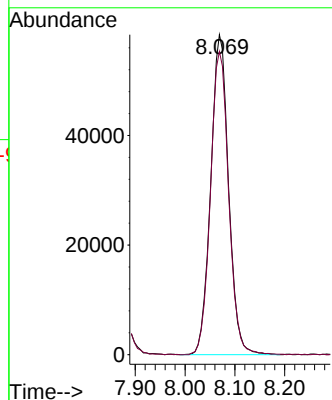
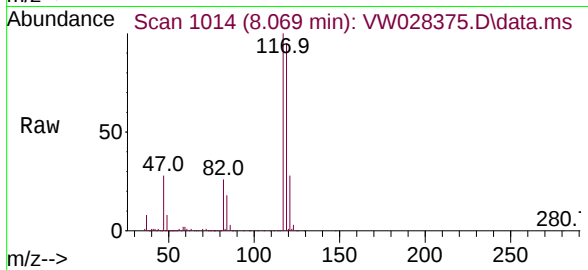
ClientSampleId :

Tgt Ion:117 Resp: 145434

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.2



#33

Benzene

Concen: 25.437 ug/L

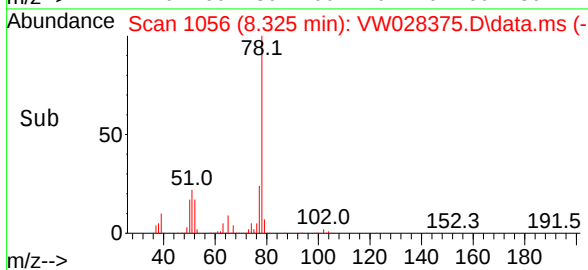
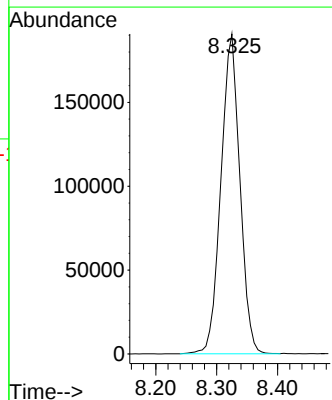
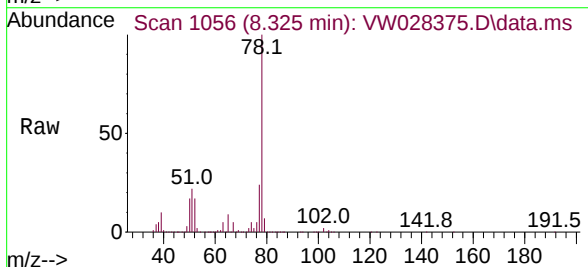
RT: 8.325 min Scan# 1056

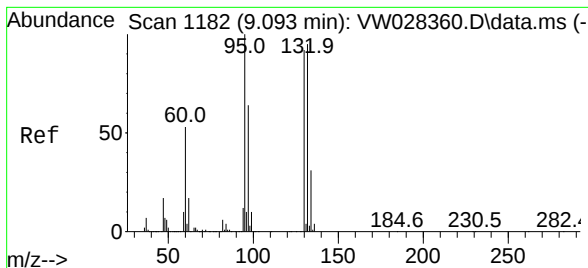
Delta R.T. 0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Tgt Ion: 78 Resp: 412021





#34

Trichloroethene

Concen: 25.263 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

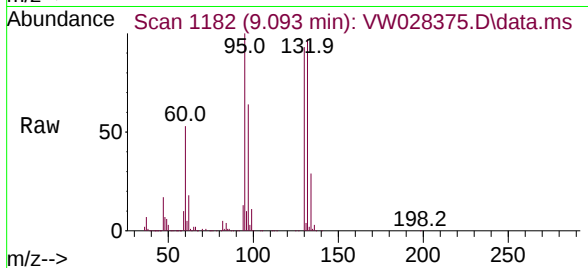
Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 110897

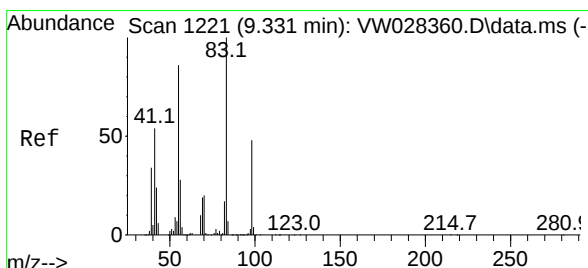
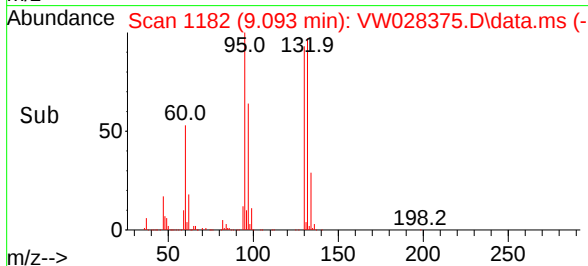
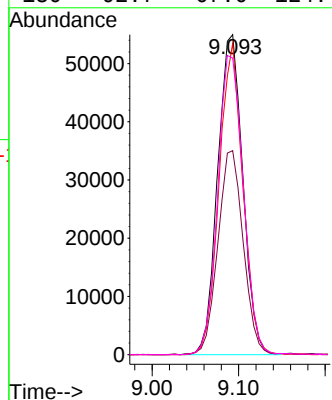
Ion Ratio Lower Upper

95 100

97 63.8 43.8 81.4

132 97.4 66.1 122.8

130 92.7 67.0 124.4



#35

Methylcyclohexane

Concen: 25.957 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

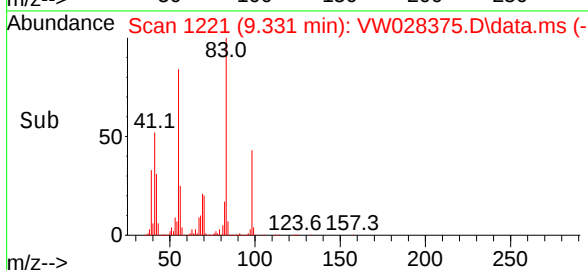
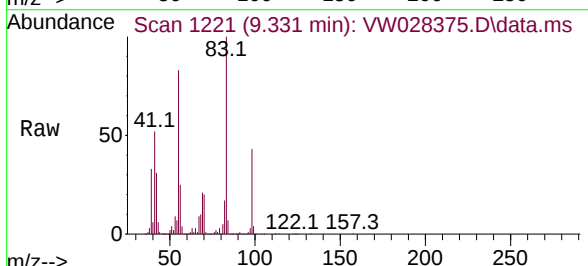
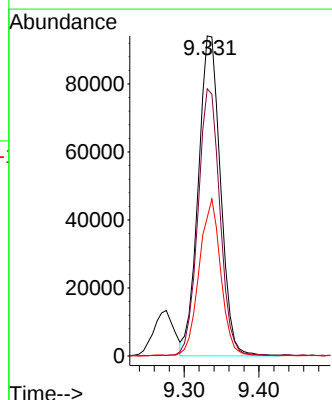
Tgt Ion: 83 Resp: 194438

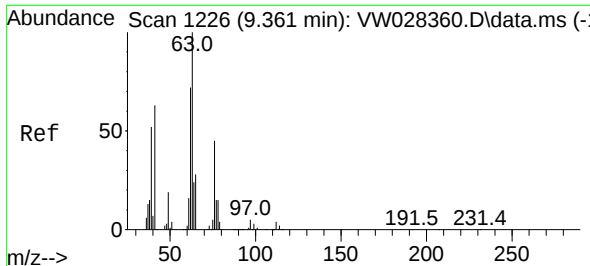
Ion Ratio Lower Upper

83 100

55 82.5 65.7 98.5

98 47.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.607 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

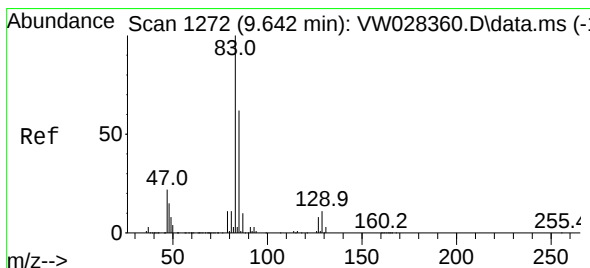
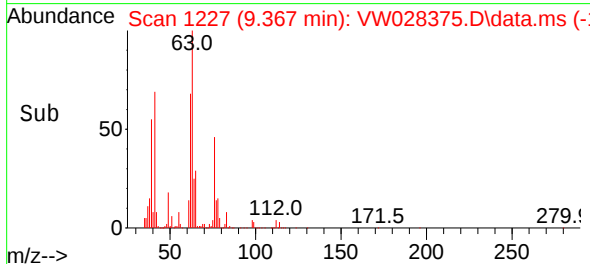
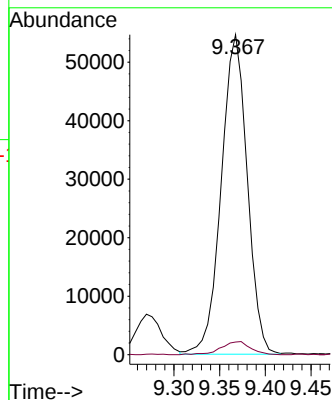
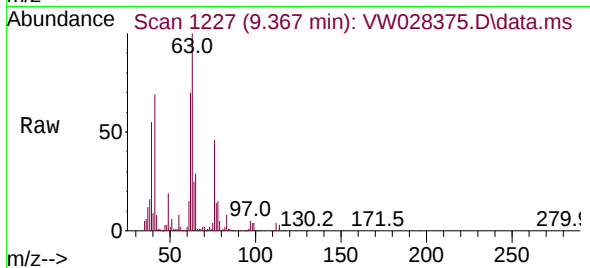
ClientSampleId :

Tgt Ion: 63 Resp: 108106

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 26.279 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

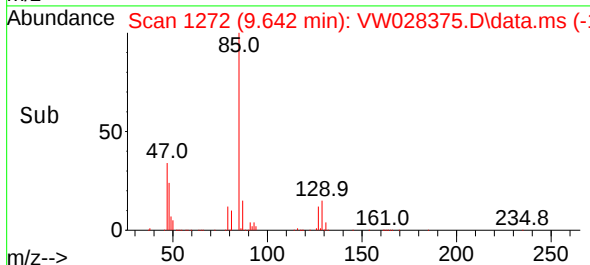
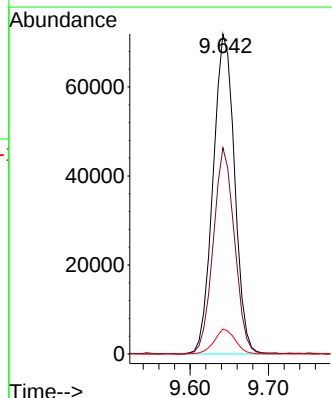
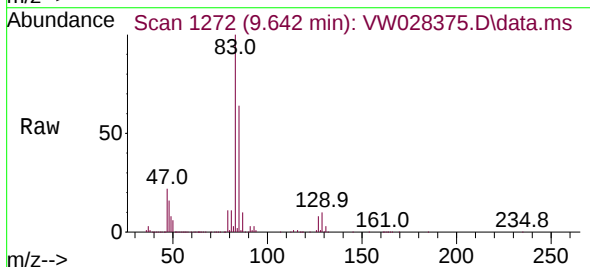
Tgt Ion: 83 Resp: 137513

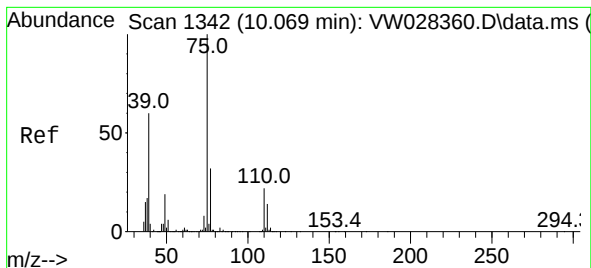
Ion Ratio Lower Upper

83 100

85 64.5 43.1 80.1

127 7.8 6.4 9.6

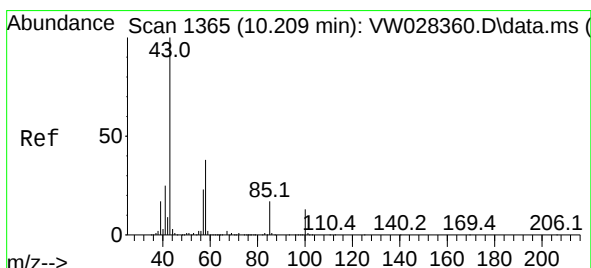
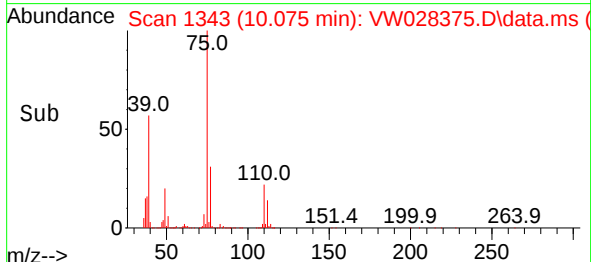
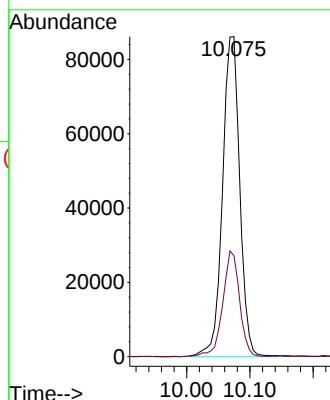
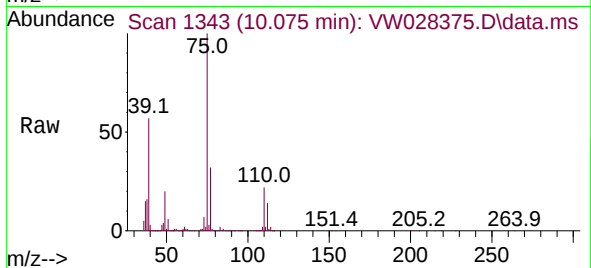




#39
cis-1,3-Dichloropropene
Concen: 26.272 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

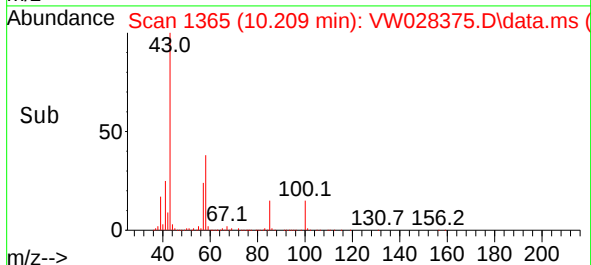
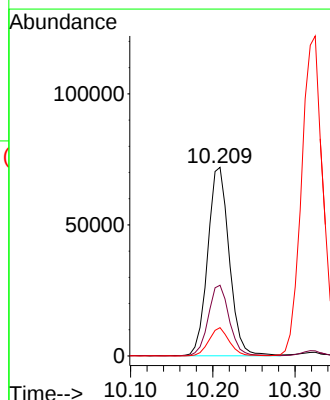
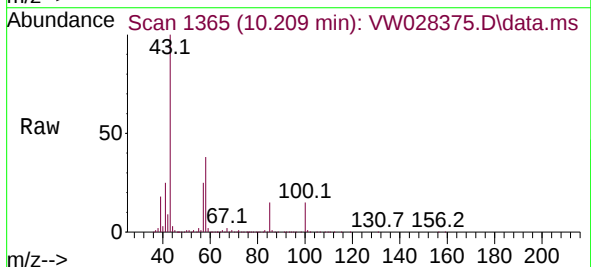
Instrument :
MSVOA_W
ClientSampleId :

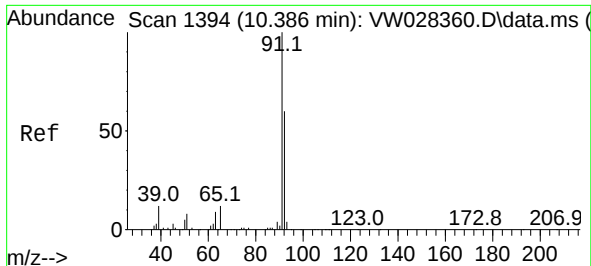
Tgt Ion: 75 Resp: 162649
Ion Ratio Lower Upper
75 100
77 31.5 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 61.794 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion: 43 Resp: 130594
Ion Ratio Lower Upper
43 100
58 36.7 28.6 43.0
100 14.3 10.6 16.0





#42

Toluene

Concen: 25.873 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

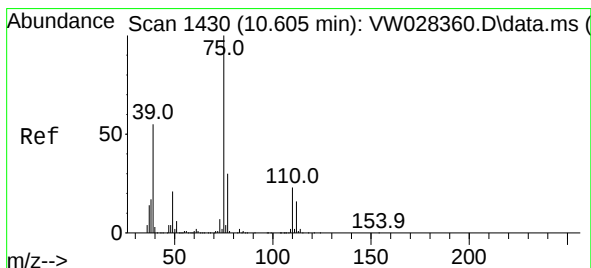
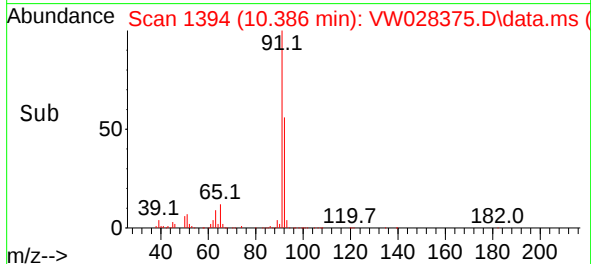
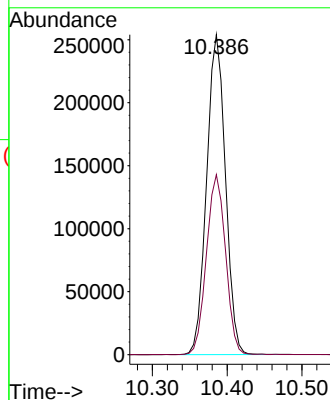
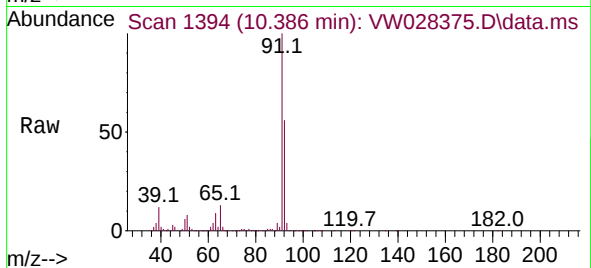
ClientSampleId :

Tgt Ion: 91 Resp: 443972

Ion Ratio Lower Upper

91 100

92 56.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 27.206 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028375.D

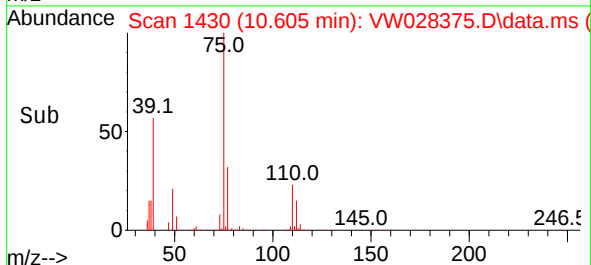
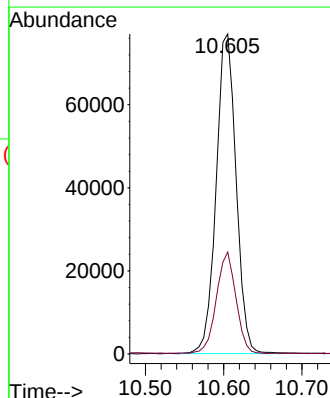
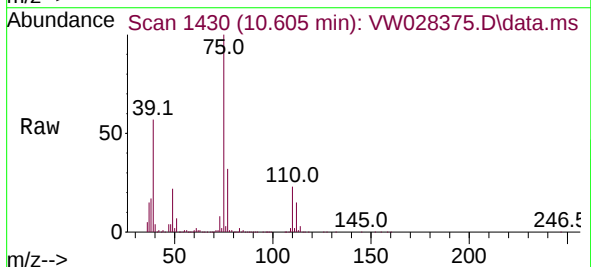
Acq: 10 Apr 2024 08:56

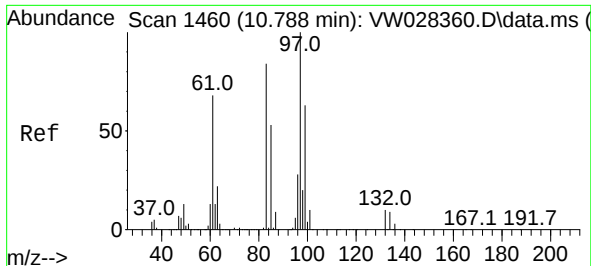
Tgt Ion: 75 Resp: 136256

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.341 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 75234

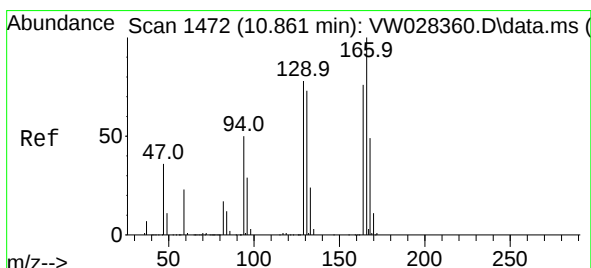
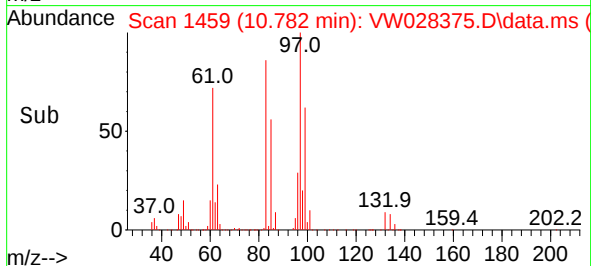
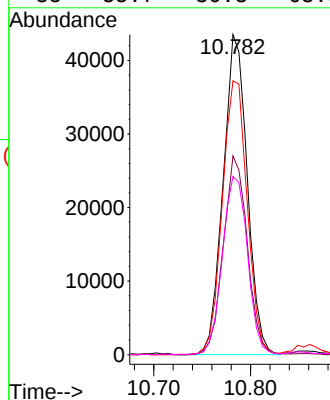
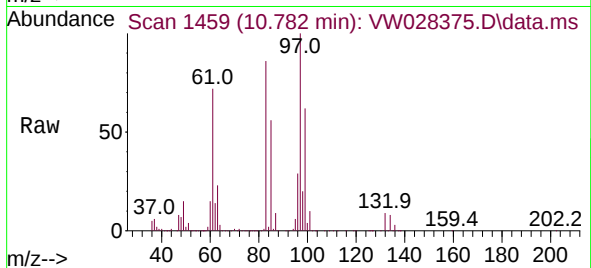
Ion Ratio Lower Upper

97 100

99 62.1 44.2 82.2

83 85.6 56.4 104.7

85 55.7 36.8 68.3



#46

Tetrachloroethene

Concen: 25.728 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Tgt Ion:164 Resp: 84358

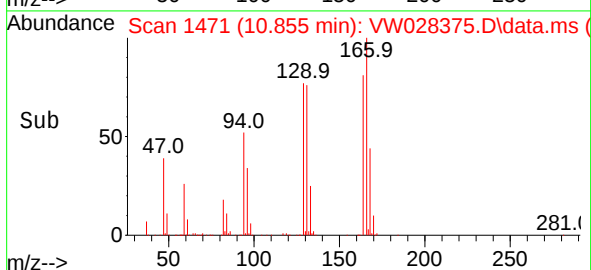
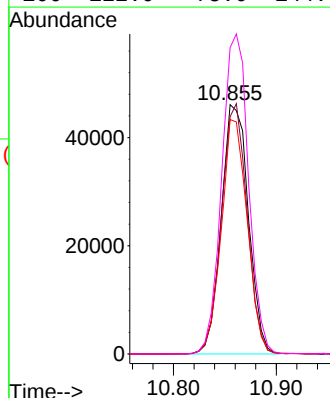
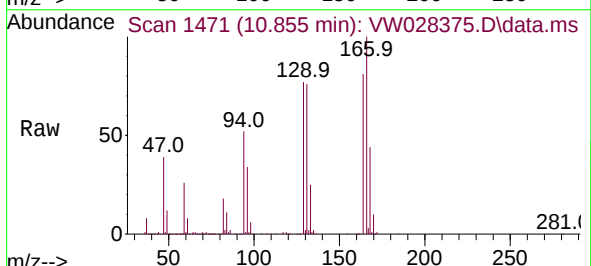
Ion Ratio Lower Upper

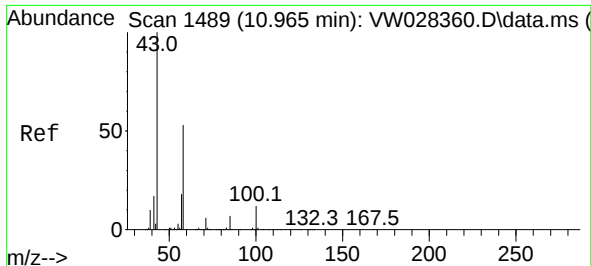
164 100

129 95.2 59.7 110.9

131 94.0 58.2 108.2

166 122.9 78.0 144.8

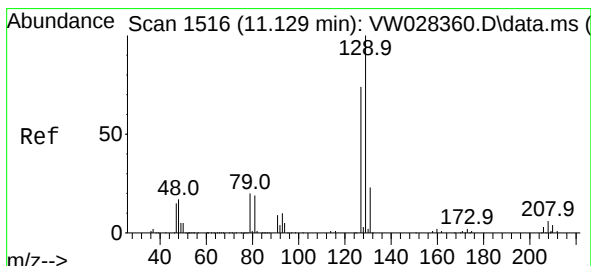
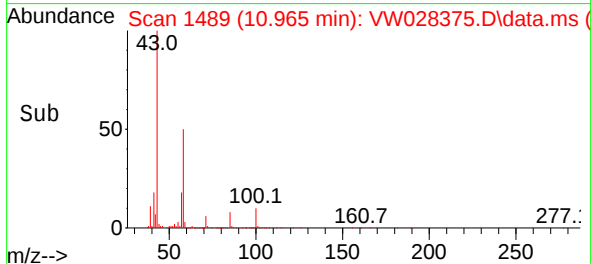
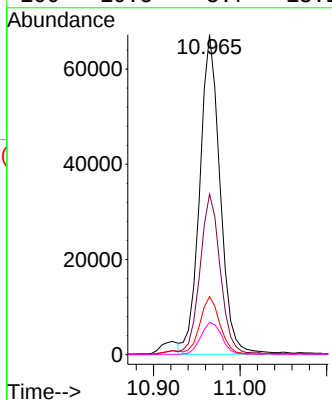
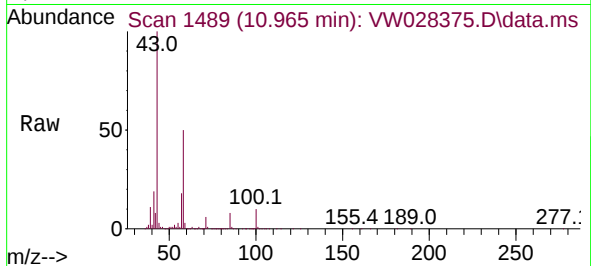




#48
2-Hexanone
Concen: 65.523 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

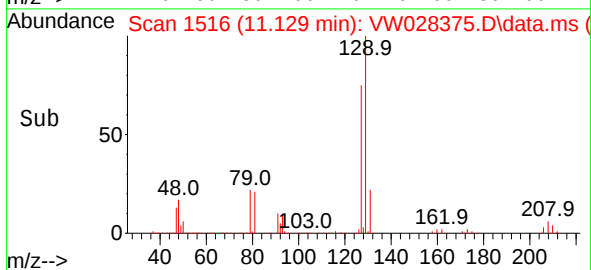
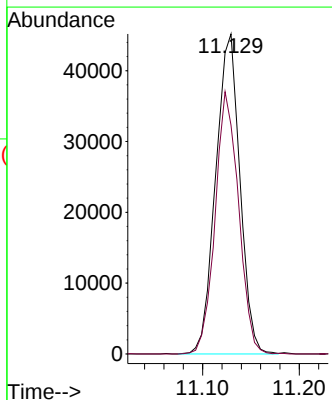
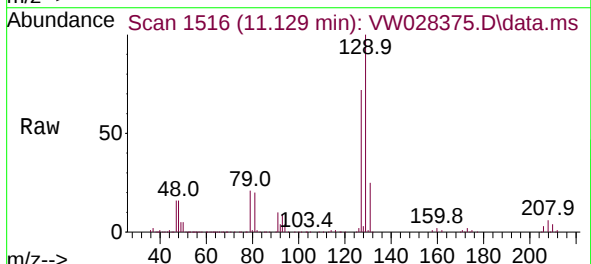
Instrument :
MSVOA_W
ClientSampleId :

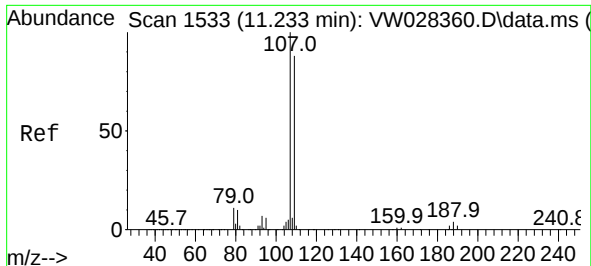
Tgt Ion:	43	Resp:	109917
Ion	Ratio	Lower	Upper
43	100		
58	49.8	38.9	58.3
57	17.6	14.4	21.6
100	10.5	8.7	13.1



#49
Dibromochloromethane
Concen: 25.733 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion:	129	Resp:	78556
Ion	Ratio	Lower	Upper
129	100		
127	71.5	53.0	98.4

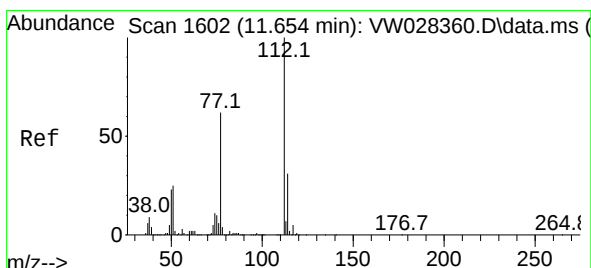
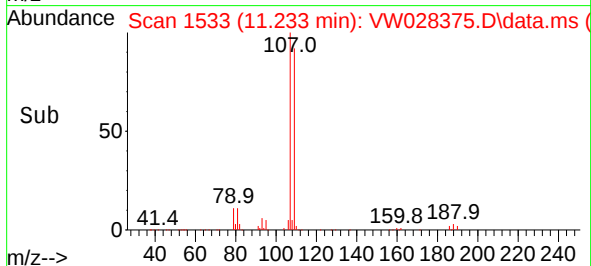
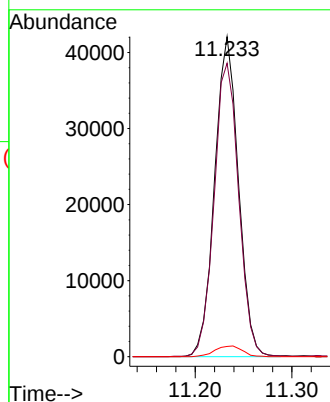
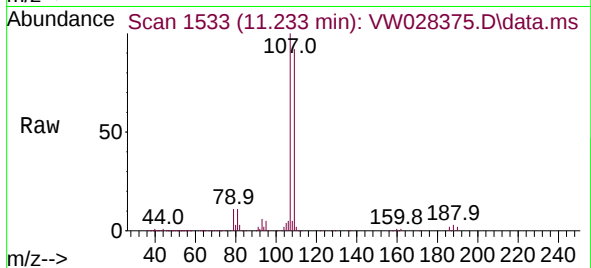




#50
1,2-Dibromoethane
Concen: 27.627 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

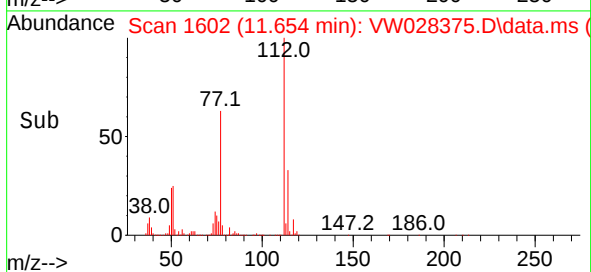
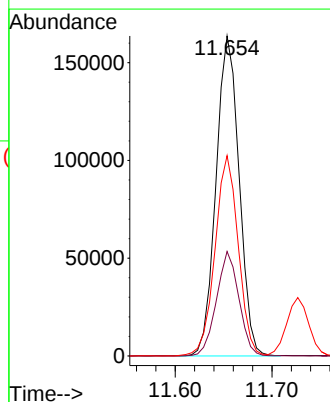
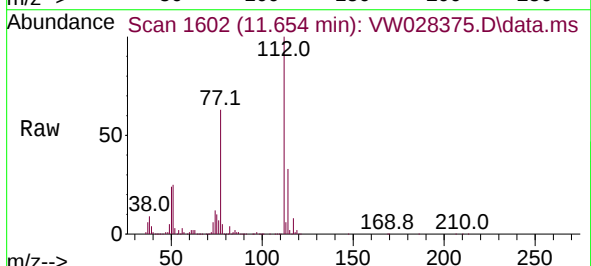
Instrument :
MSVOA_W
ClientSampleId :

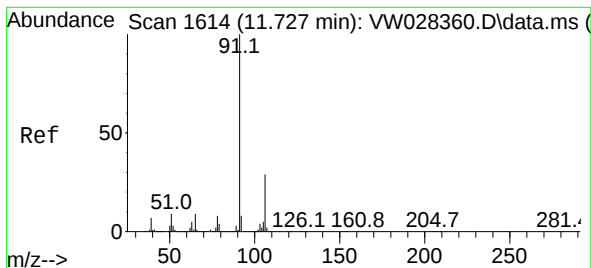
Tgt Ion:107 Resp: 72021
Ion Ratio Lower Upper
107 100
109 91.7 62.1 115.3
188 3.2 3.2 4.8



#51
Chlorobenzene
Concen: 25.458 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion:112 Resp: 271543
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.3
77 62.6 51.8 77.8

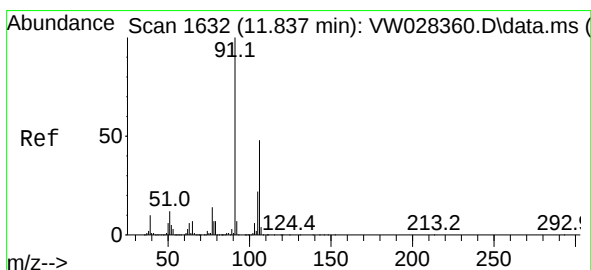
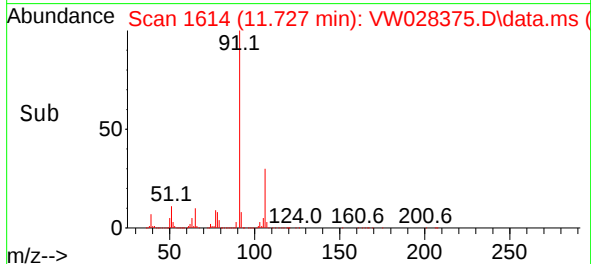
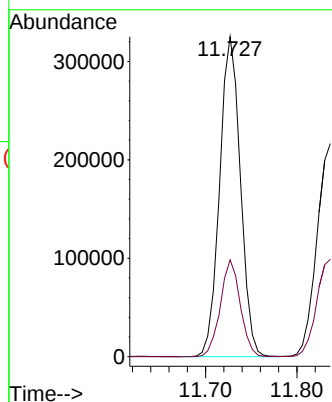
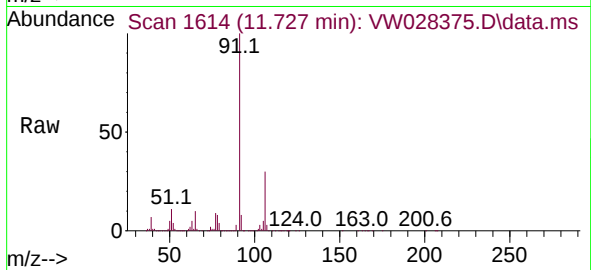




#52
Ethylbenzene
Concen: 26.411 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

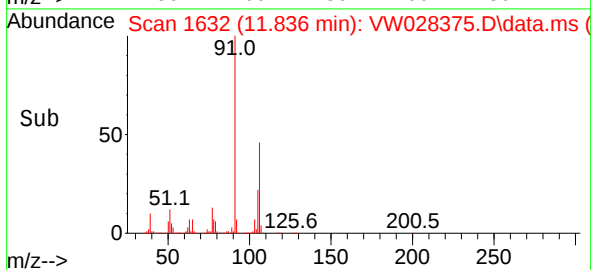
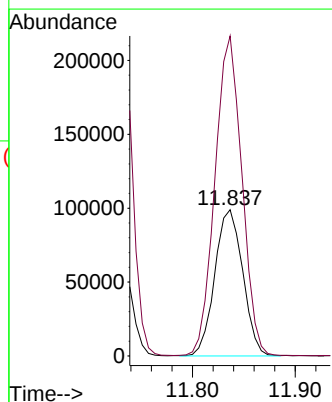
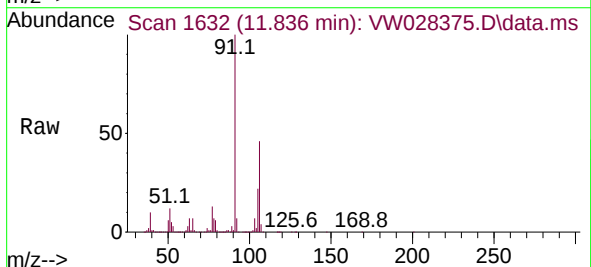
Instrument :
MSVOA_W
ClientSampleId :

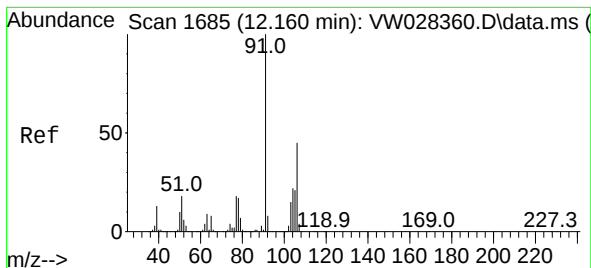
Tgt Ion: 91 Resp: 513742
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 25.864 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion:106 Resp: 187096
Ion Ratio Lower Upper
106 100
91 218.8 152.4 283.0





#54

o-Xylene

Concen: 26.011 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

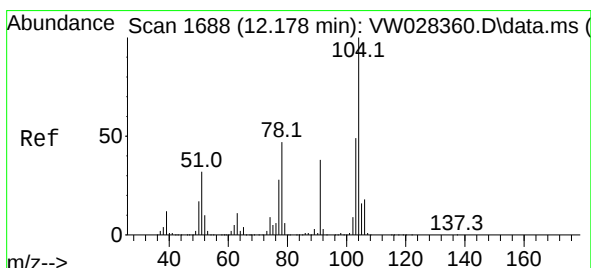
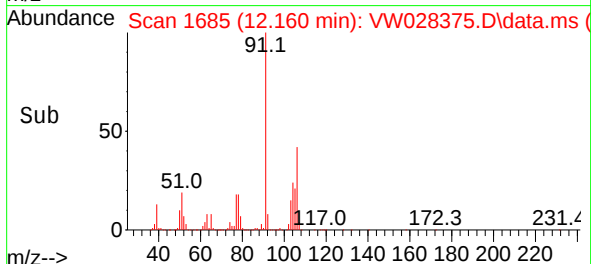
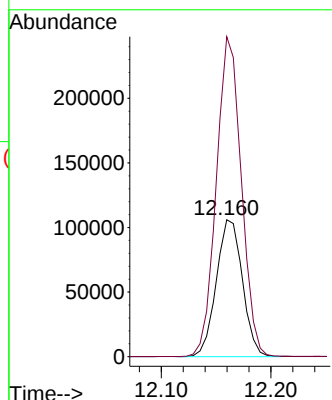
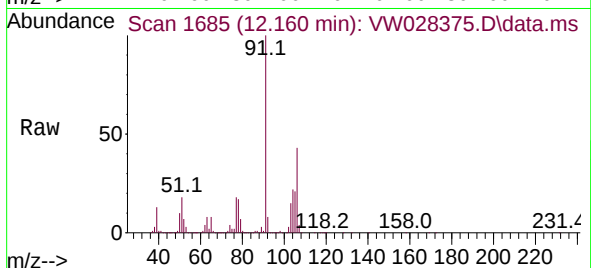
ClientSampleId :

Tgt Ion:106 Resp: 175195

Ion Ratio Lower Upper

106 100

91 233.5 152.9 283.9



#55

Styrene

Concen: 26.760 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028375.D

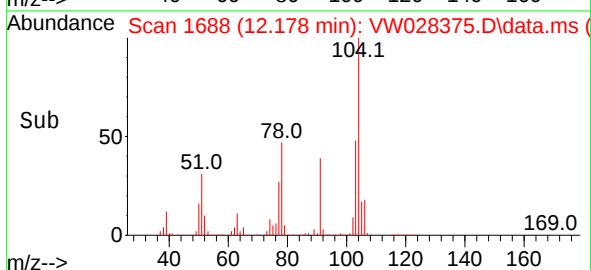
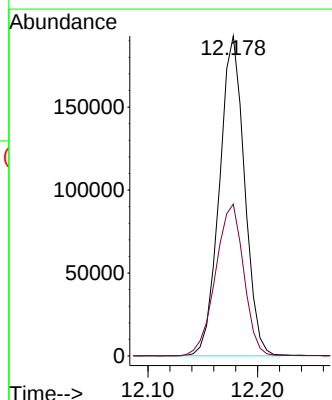
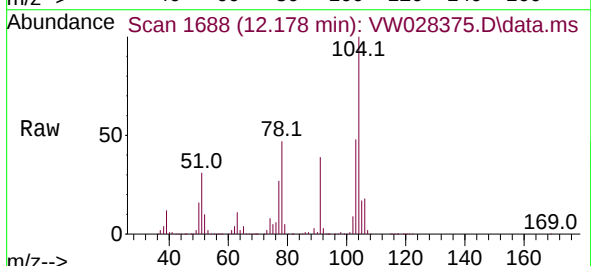
Acq: 10 Apr 2024 08:56

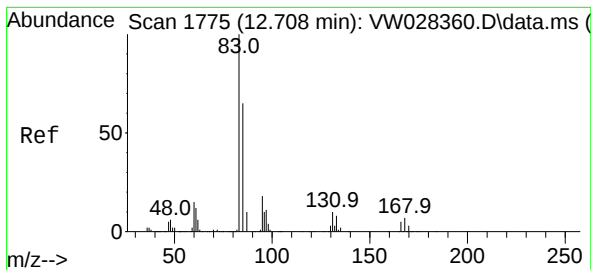
Tgt Ion:104 Resp: 306762

Ion Ratio Lower Upper

104 100

78 47.4 33.8 62.8





#57

1,1,2-Tetrachloroethane

Concen: 28.606 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028375.D

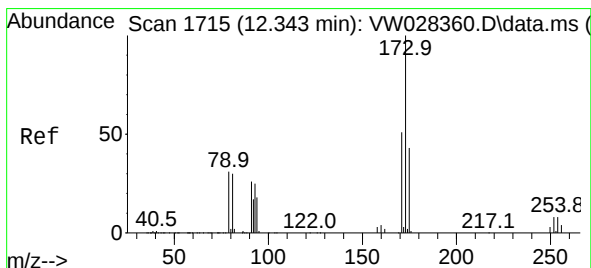
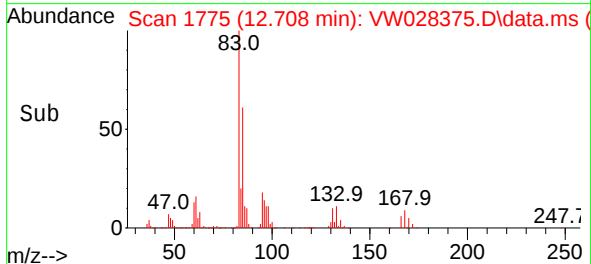
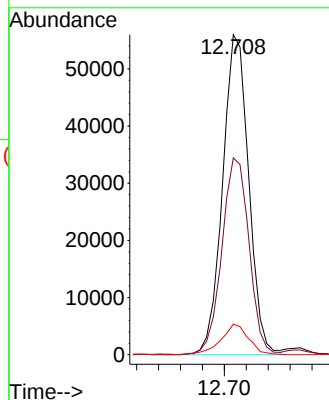
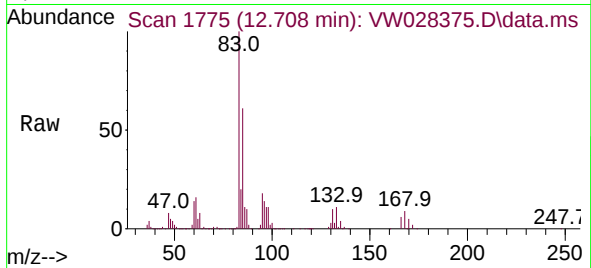
Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	92465
Ion Ratio	Lower	Upper
83	100	
85	61.5	43.4 80.6
131	9.5	8.0 12.0



#59

Bromoform

Concen: 25.267 ug/L

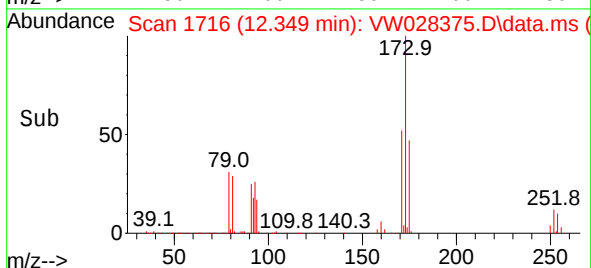
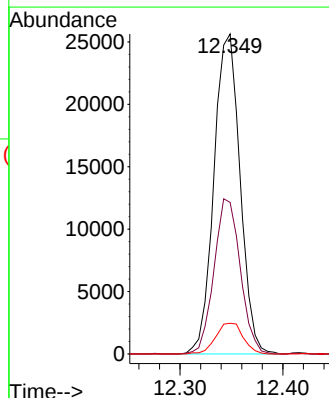
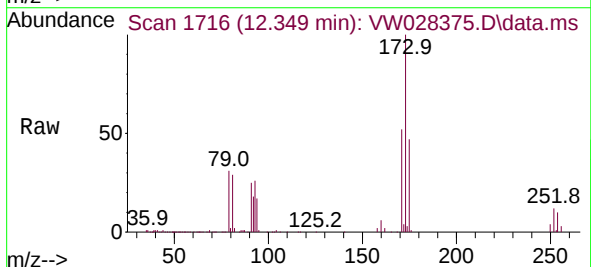
RT: 12.349 min Scan# 1716

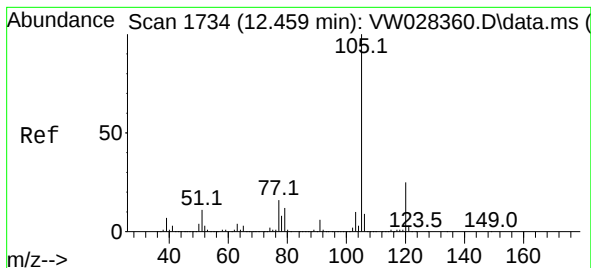
Delta R.T. 0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Tgt Ion: 173	Resp:	45226
Ion Ratio	Lower	Upper
173	100	
175	48.8	39.2 58.8
254	10.1	8.3 12.5





#60

Isopropylbenzene

Concen: 24.852 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

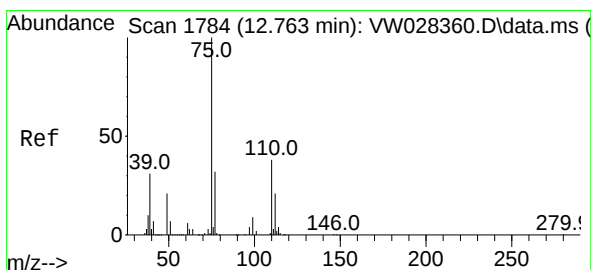
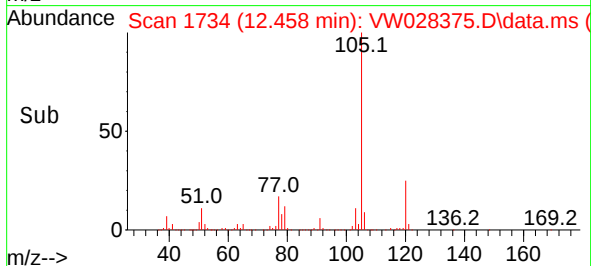
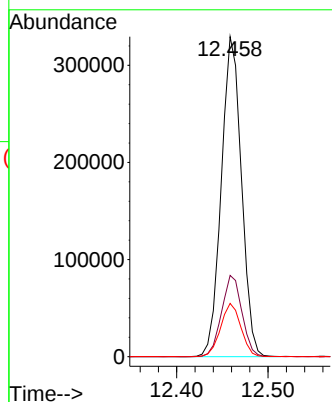
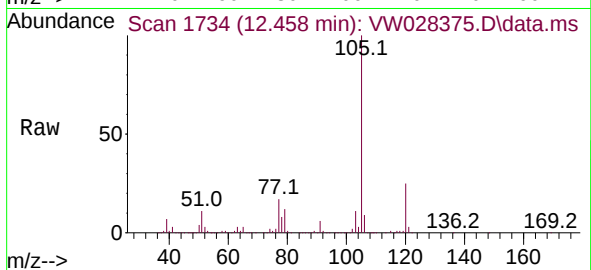
Tgt Ion:105 Resp: 505224

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.739 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

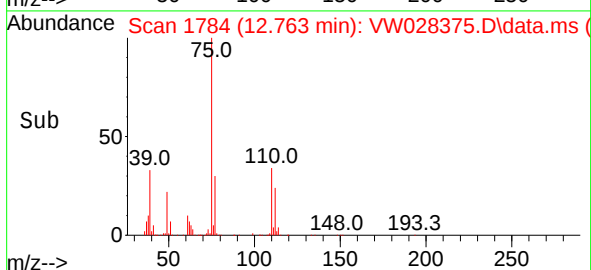
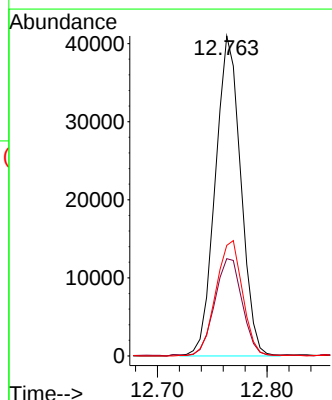
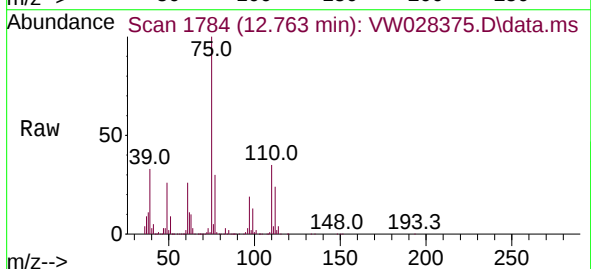
Tgt Ion: 75 Resp: 66292

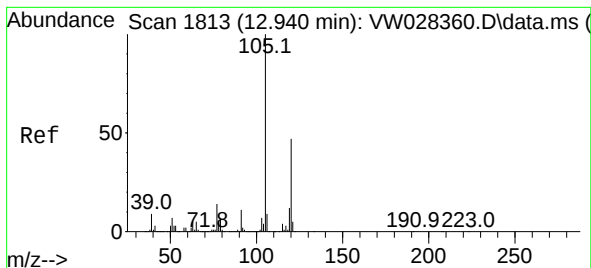
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 37.8 30.6 46.0

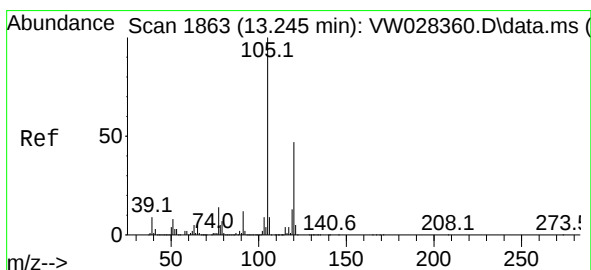
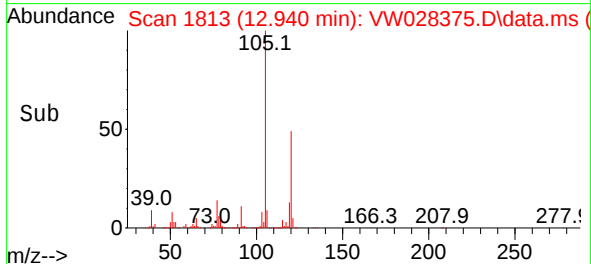
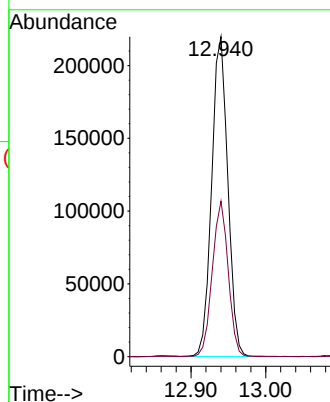
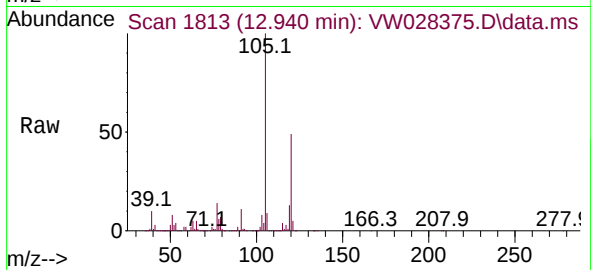




#62
1,3,5-Trimethylbenzene
Concen: 25.387 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

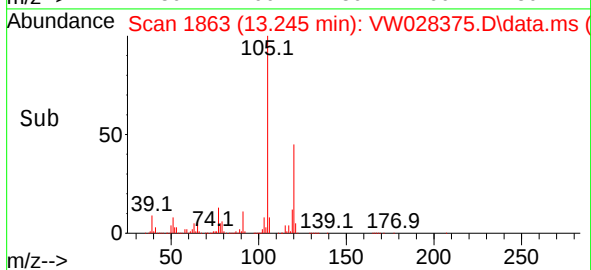
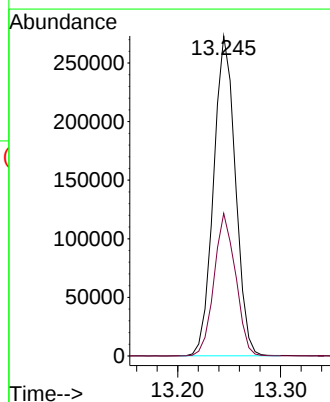
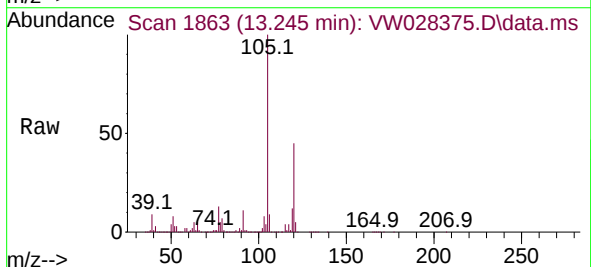
Instrument :
MSVOA_W
ClientSampleId :

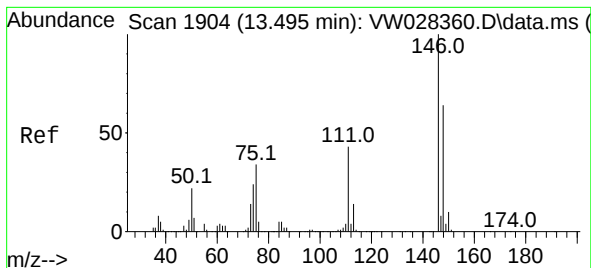
Tgt Ion:105 Resp: 328941
Ion Ratio Lower Upper
105 100
120 47.8 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.811 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion:105 Resp: 402492
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.494 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

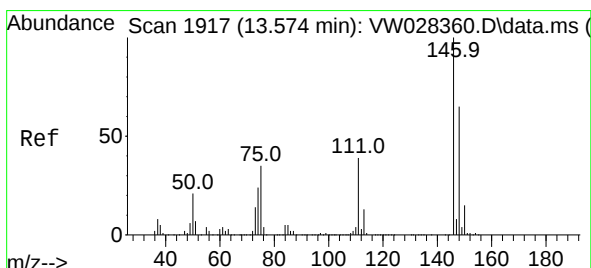
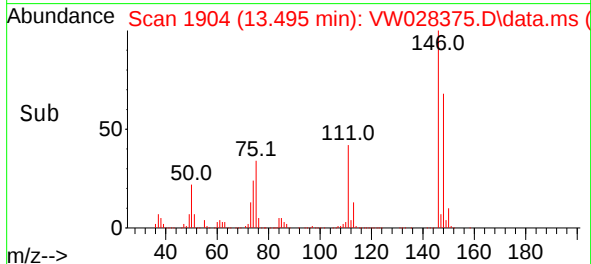
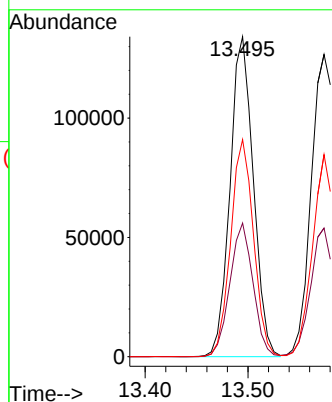
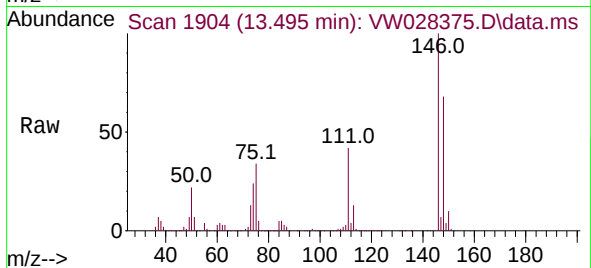
Tgt Ion:146 Resp: 211284

Ion Ratio Lower Upper

146 100

111 41.7 29.8 55.3

148 67.8 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 24.101 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

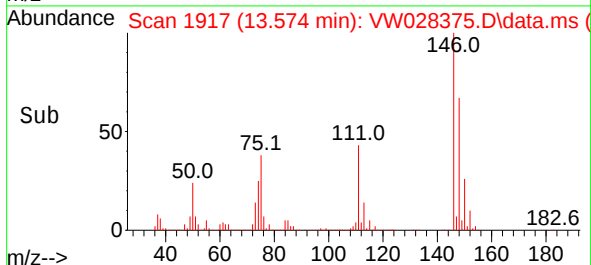
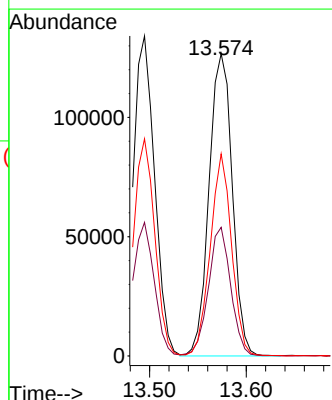
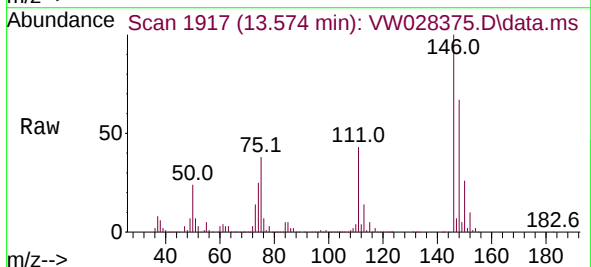
Tgt Ion:146 Resp: 211474

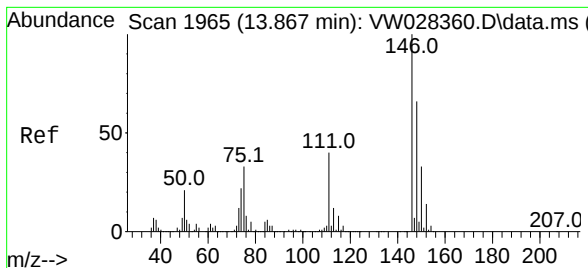
Ion Ratio Lower Upper

146 100

111 42.6 30.3 56.3

148 66.8 47.3 87.8

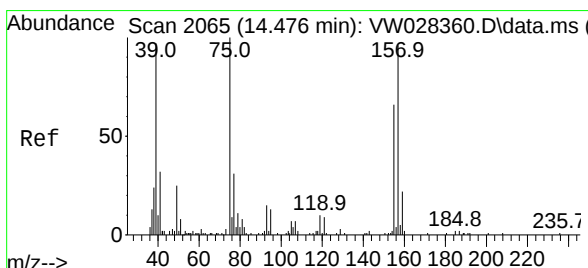
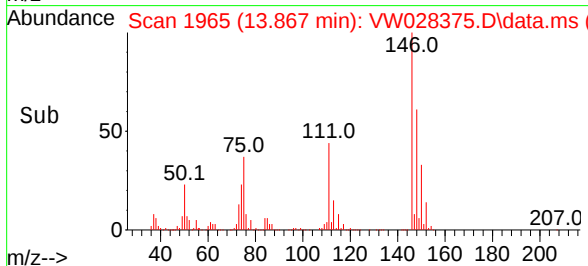
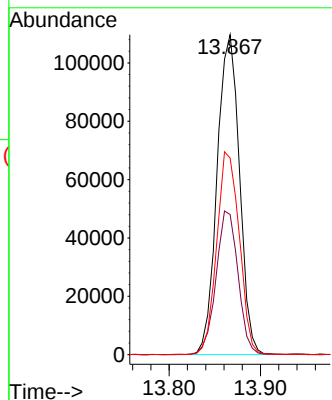
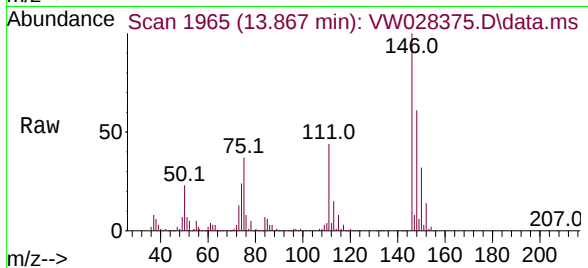




#67
1,2-Dichlorobenzene
Concen: 24.579 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

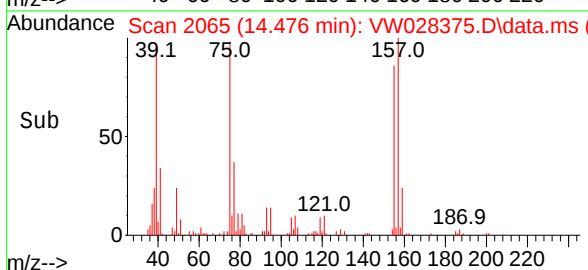
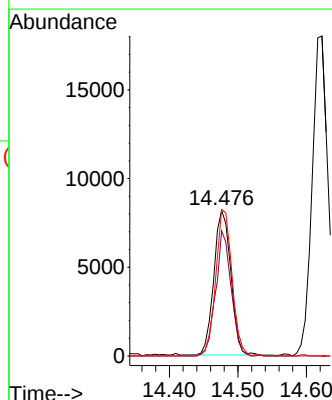
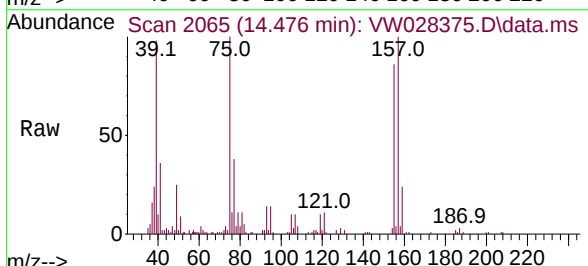
Instrument :
MSVOA_W
ClientSampleId :

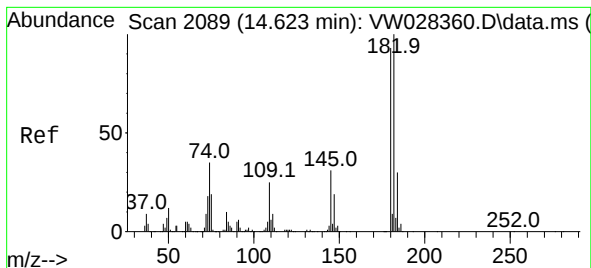
Tgt Ion:146 Resp: 186497
Ion Ratio Lower Upper
146 100
111 43.8 31.4 47.2
148 61.4 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.619 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028375.D
Acq: 10 Apr 2024 08:56

Tgt Ion: 75 Resp: 13986
Ion Ratio Lower Upper
75 100
155 85.9 61.2 91.8
157 100.4 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 25.117 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

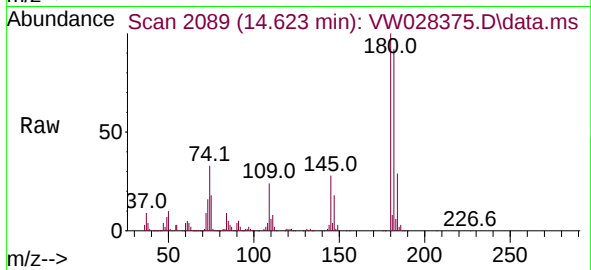
Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 149088

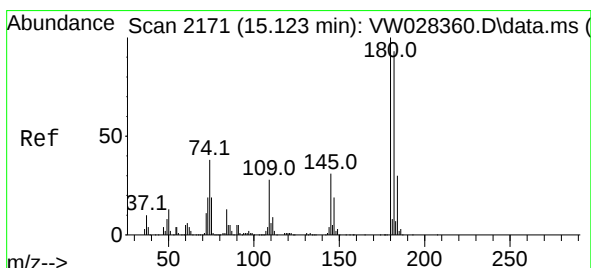
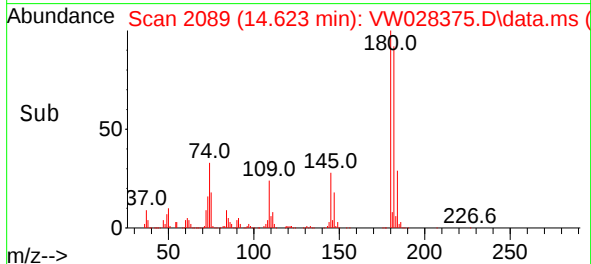
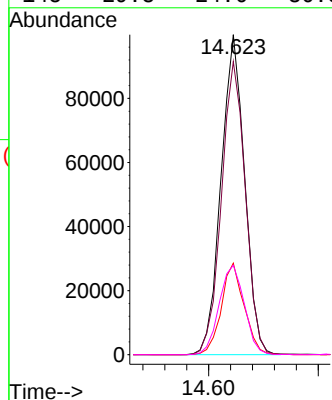
Ion Ratio Lower Upper

180 100

182 92.9 77.4 116.0

184 27.7 24.8 37.2

145 29.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 25.493 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

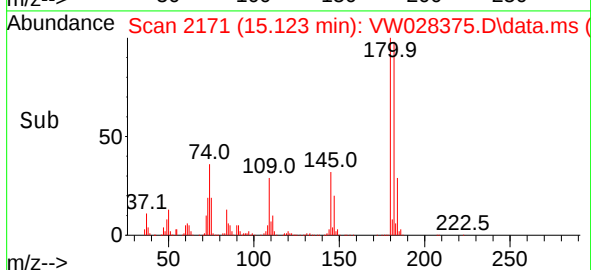
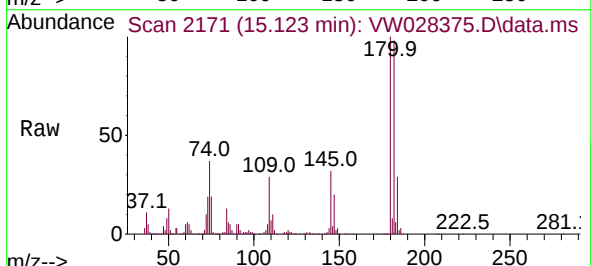
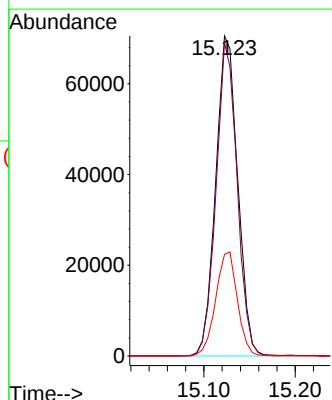
Tgt Ion:180 Resp: 118167

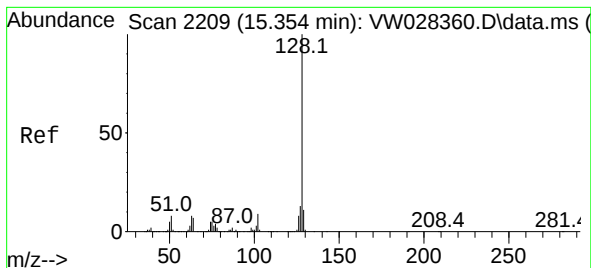
Ion Ratio Lower Upper

180 100

182 93.9 71.5 107.3

145 32.1 23.5 35.3





#71

Naphthalene

Concen: 28.197 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

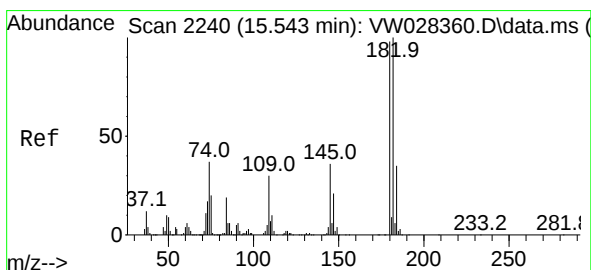
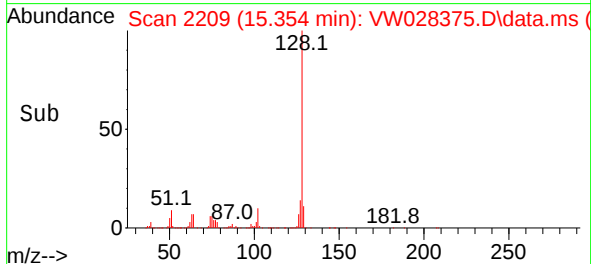
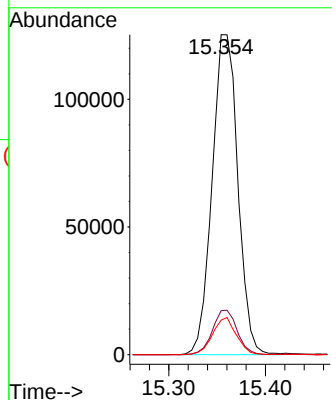
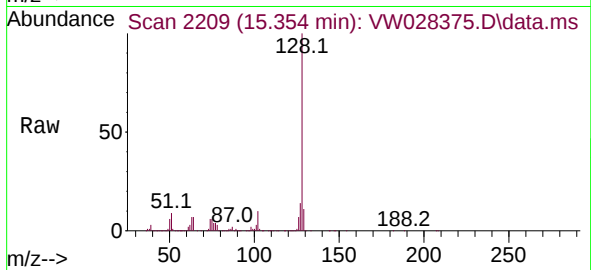
Tgt Ion:128 Resp: 231317

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.469 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028375.D

Acq: 10 Apr 2024 08:56

Tgt Ion:180 Resp: 104762

Ion Ratio Lower Upper

180 100

182 95.5 75.7 113.5

145 33.9 26.2 39.4

