

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051624\
 Data File : VW028615.D
 Acq On : 16 May 2024 09:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 17 00:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 16 02:15:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274793	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131039	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100915	19.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.905	69	85196	21.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.021	65	44008	20.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.760%
21) 2-Butanone-d5	7.075	46	59682	43.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.680%
24) Chloroform-d	7.648	84	204738	23.844	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.307	65	115253	23.446	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	8.276	84	385363	22.391	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.270	67	120135	23.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.325	98	345934	22.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.575	79	48751	23.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.922	63	40672	45.534	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99269	22.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	109327	21.890	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.560%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	97490	24.413	ug/L 95
3) Chloromethane	2.222	50	114753	23.196	ug/L 96
5) Vinyl chloride	2.375	62	132803	23.844	ug/L 100
6) Bromomethane	2.789	94	78054	24.226	ug/L 100
8) Chloroethane	2.936	64	78980	24.864	ug/L 98
9) Trichlorofluoromethane	3.271	101	98674	21.579	ug/L 97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93063	22.074	ug/L 88
12) 1,1-Dichloroethene	4.051	96	91171	24.107	ug/L 90
13) Acetone	4.118	43	67365	54.393	ug/L 97
14) Carbon disulfide	4.399	76	291189	22.782	ug/L 99
15) Methyl Acetate	4.673	43	48305	22.419	ug/L 100
16) Methylene chloride	4.923	84	99261	23.356	ug/L 95
17) trans-1,2-Dichloroethene	5.435	96	97794	24.838	ug/L 93
18) Methyl tert-butyl Ether	5.429	73	145645	25.066	ug/L 100
19) 1,1-Dichloroethane	6.222	63	197828	25.338	ug/L 97
20) cis-1,2-Dichloroethene	7.167	96	105293	25.553	ug/L 97
22) 2-Butanone	7.173	43	75682	47.610	ug/L 98
23) Bromochloromethane	7.514	128	46221	25.715	ug/L 98
25) Chloroform	7.679	83	197230	26.117	ug/L 94

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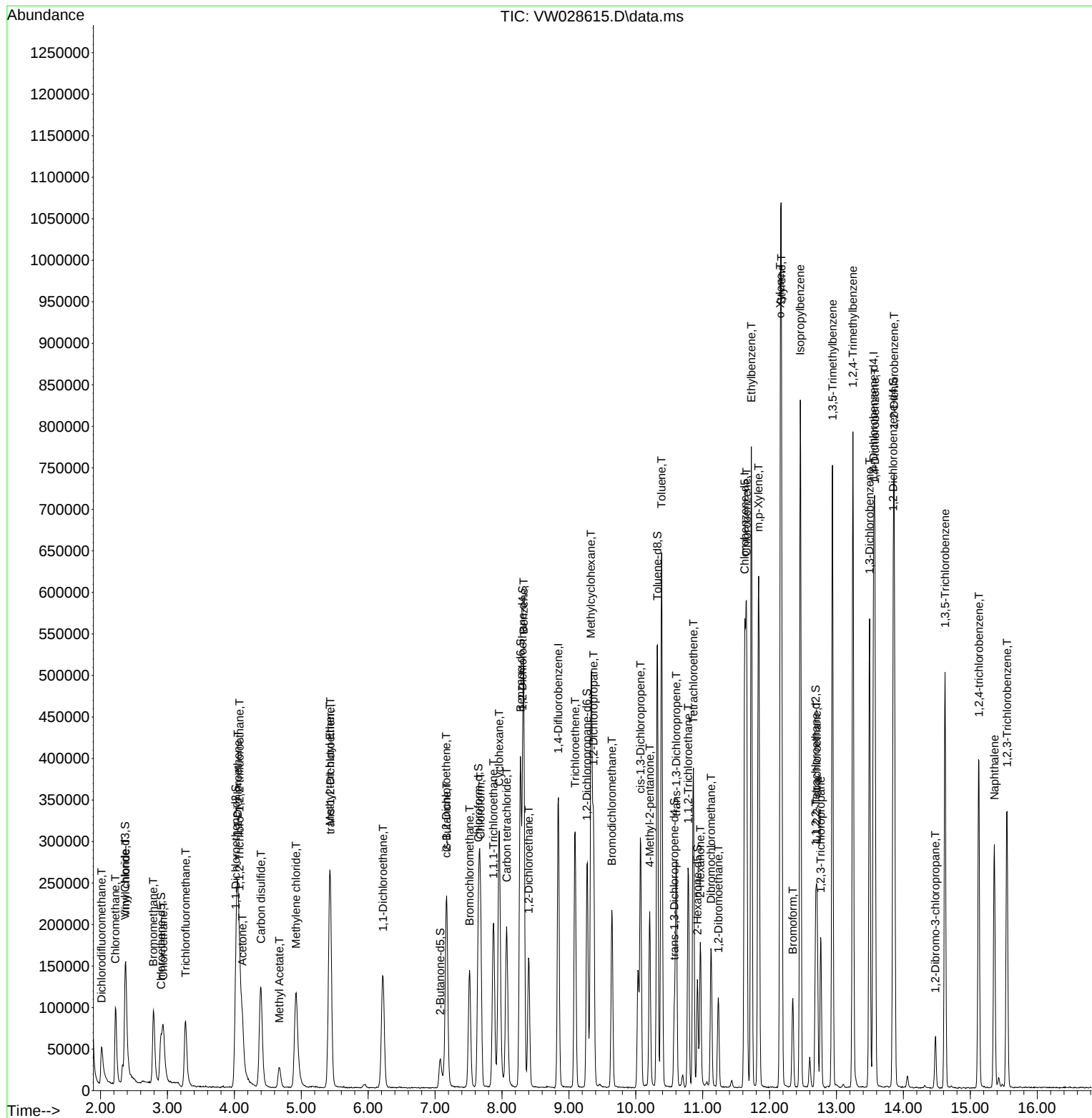
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141703	25.813	ug/L	98
29) Cyclohexane	7.959	56	174271	23.694	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	161087	24.920	ug/L	100
31) Carbon tetrachloride	8.069	117	142884	24.243	ug/L	100
33) Benzene	8.325	78	422589	25.263	ug/L	100
34) Trichloroethene	9.093	95	109737	24.468	ug/L	95
35) Methylcyclohexane	9.331	83	189690	24.202	ug/L	100
37) 1,2-Dichloropropane	9.368	63	112466	25.802	ug/L	99
38) Bromodichloromethane	9.642	83	141105	26.557	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	168249	26.931	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	142684	48.097	ug/L	99
42) Toluene	10.386	91	450958	26.102	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	140790	26.728	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	78082	24.729	ug/L	97
46) Tetrachloroethene	10.861	164	78546	24.308	ug/L	98
48) 2-Hexanone	10.965	43	112024	53.488	ug/L	99
49) Dibromochloromethane	11.123	129	83314	26.306	ug/L	98
50) 1,2-Dibromoethane	11.233	107	73294	24.780	ug/L	91
51) Chlorobenzene	11.654	112	274240	25.661	ug/L	98
52) Ethylbenzene	11.727	91	505492	25.854	ug/L	96
53) m,p-Xylene	11.837	106	189466	26.436	ug/L	100
54) o-Xylene	12.160	106	178052	26.854	ug/L	98
55) Styrene	12.178	104	307158	27.340	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	98454	24.853	ug/L	99
59) Bromoform	12.349	173	47197	24.688	ug/L	98
60) Isopropylbenzene	12.458	105	502189	25.260	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	72764	22.977	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	370046	26.308	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	398147	26.271	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	206361	24.952	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	212800	25.168	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	189262	25.568	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15722	21.233	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	132926	23.952	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	115482	25.753	ug/L	98
71) Naphthalene	15.360	128	237217	24.830	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	103939	25.687	ug/L	98

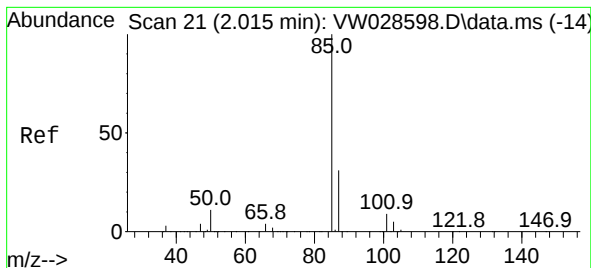
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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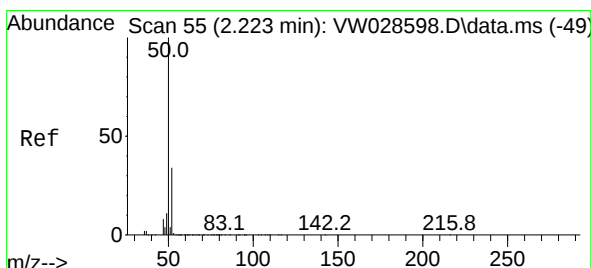
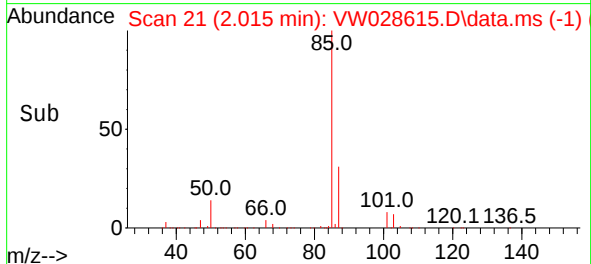
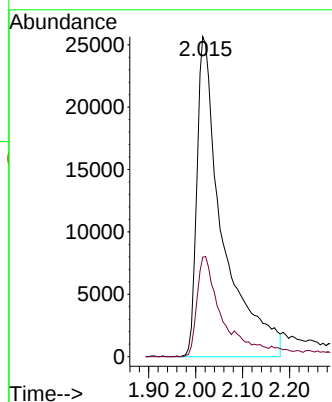
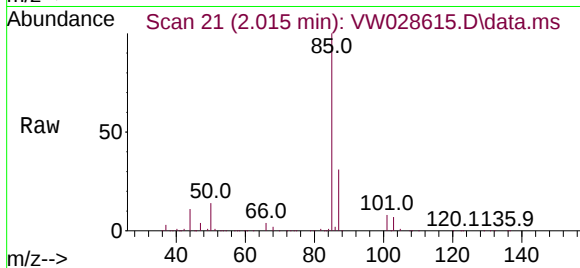




#2
 Dichlorodifluoromethane
 Concen: 24.413 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028615.D
 Acq: 16 May 2024 09:33

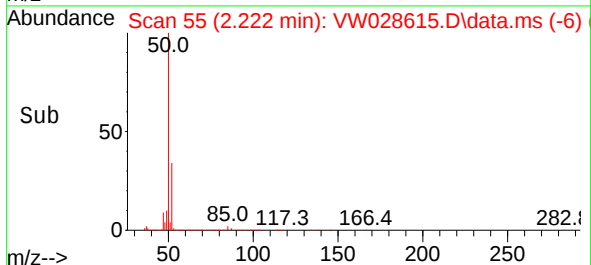
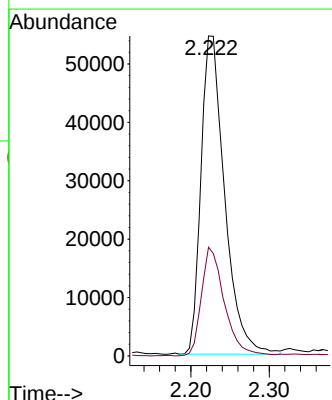
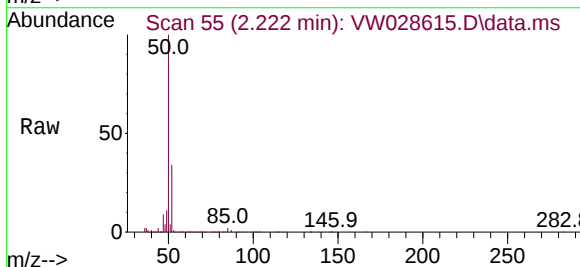
Instrument :
 MSVOA_W
 ClientSampleId :

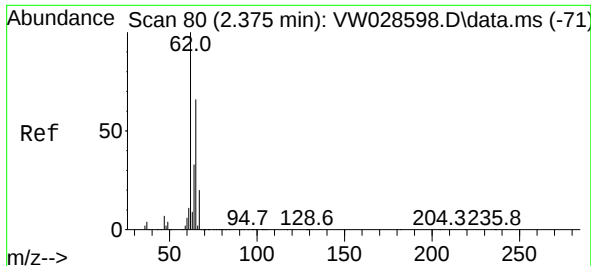
Tgt Ion: 85 Resp: 97490
 Ion Ratio Lower Upper
 85 100
 87 24.8 21.9 32.9



#3
 Chloromethane
 Concen: 23.196 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028615.D
 Acq: 16 May 2024 09:33

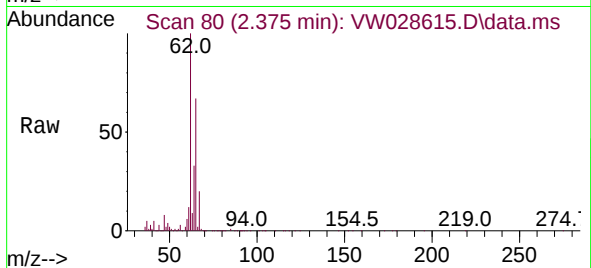
Tgt Ion: 50 Resp: 114753
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.0 41.0



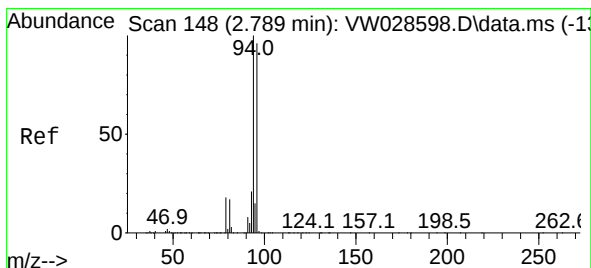
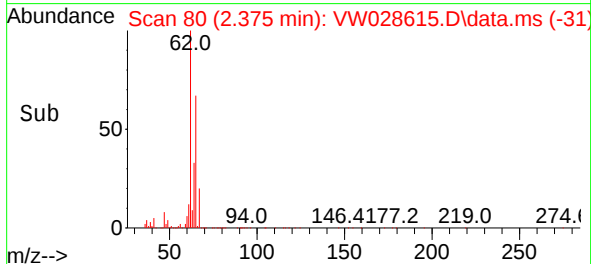
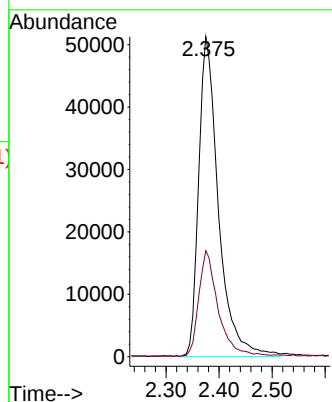


#5
 Vinyl chloride
 Concen: 23.844 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028615.D
 Acq: 16 May 2024 09:33

Instrument :
 MSVOA_W
 ClientSampleId :

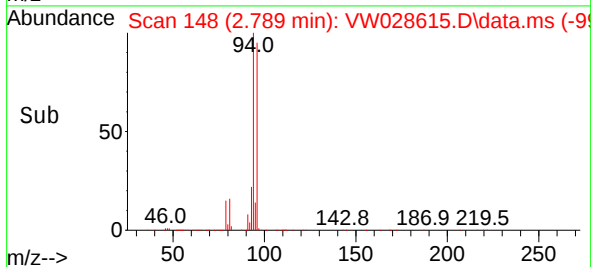
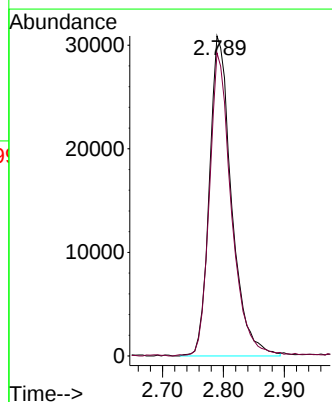
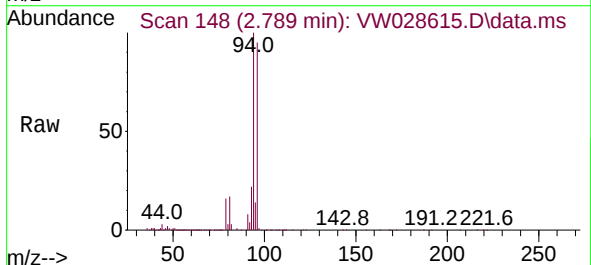


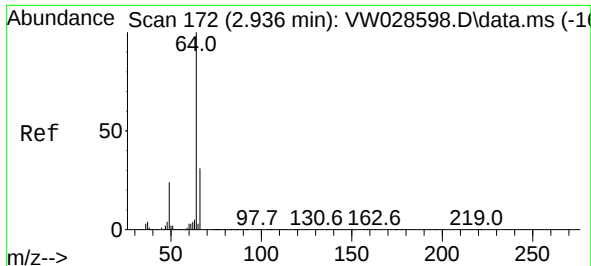
Tgt Ion: 62 Resp: 132803
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 24.226 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028615.D
 Acq: 16 May 2024 09:33

Tgt Ion: 94 Resp: 78054
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

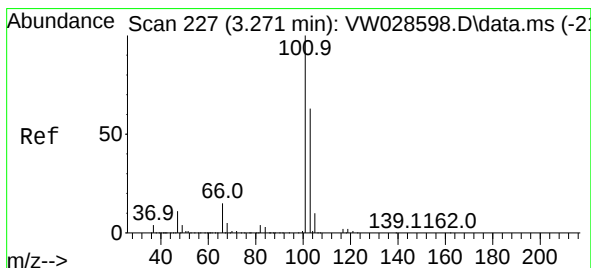
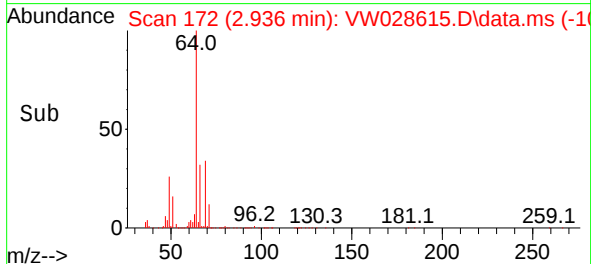
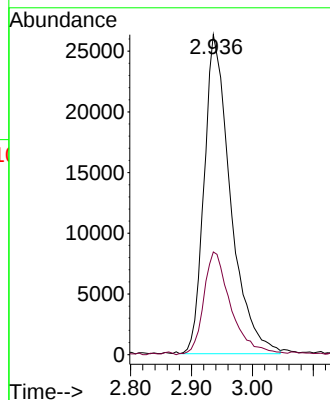
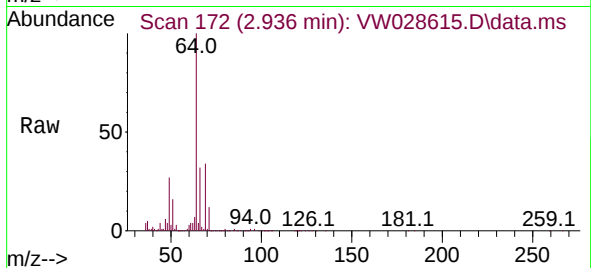




#8
Chloroethane
Concen: 24.864 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

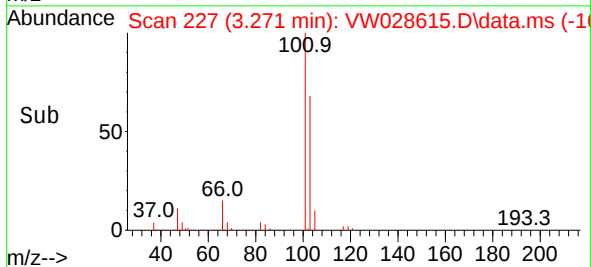
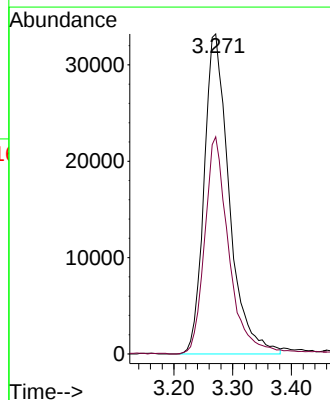
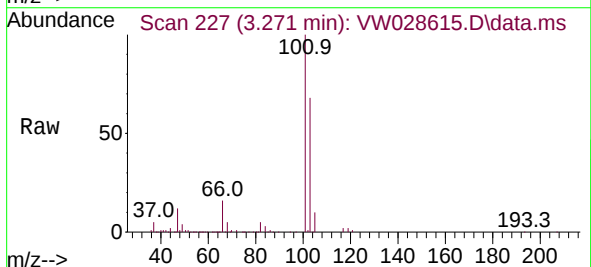
Instrument :
MSVOA_W
ClientSampleId :

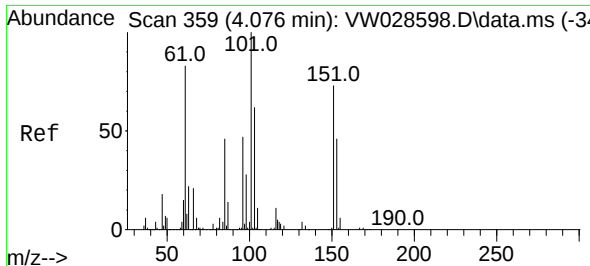
Tgt Ion: 64 Resp: 78980
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.579 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion: 101 Resp: 98674
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6





#10

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

Concen: 22.074 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

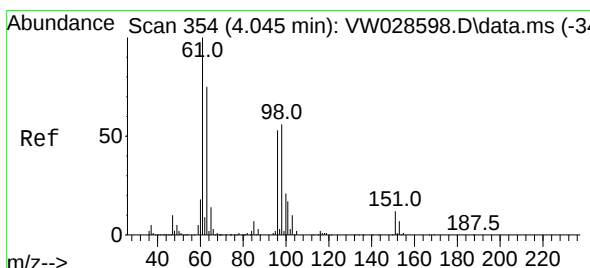
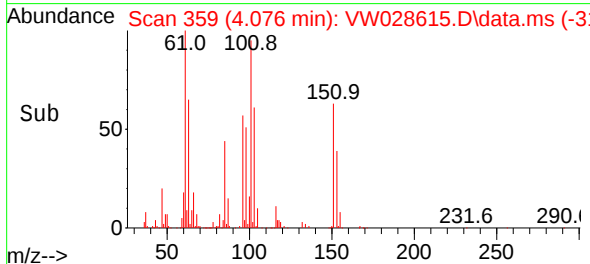
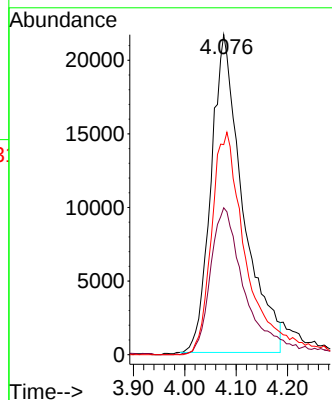
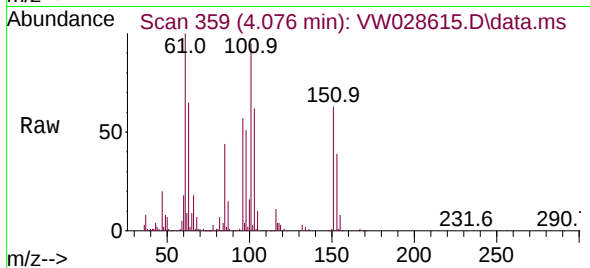
Tgt Ion:101 Resp: 93063

Ion Ratio Lower Upper

101 100

85 49.6 35.8 53.8

151 73.4 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.107 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

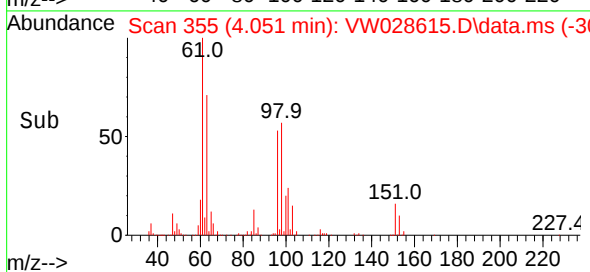
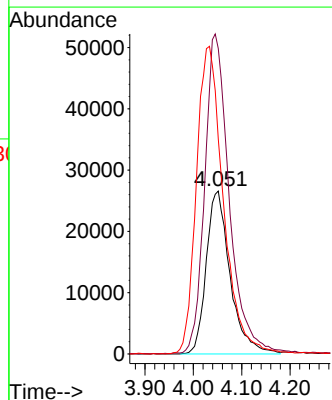
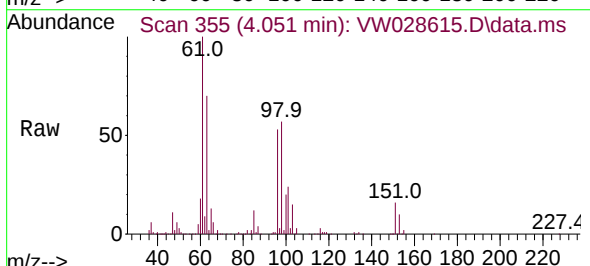
Tgt Ion: 96 Resp: 91171

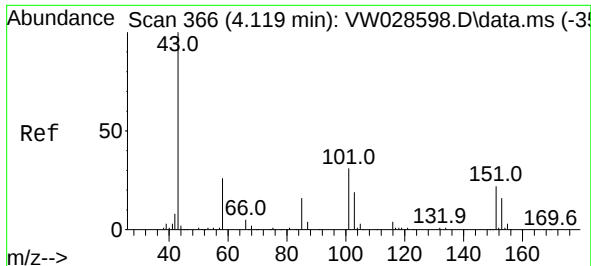
Ion Ratio Lower Upper

96 100

61 187.5 131.6 244.4

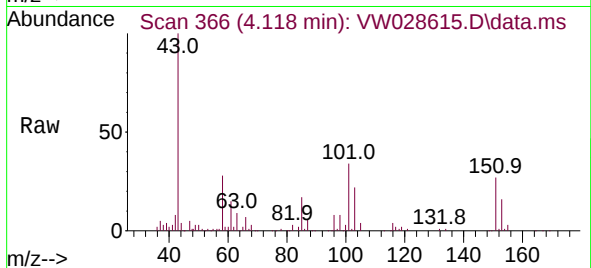
63 132.0 111.4 206.8



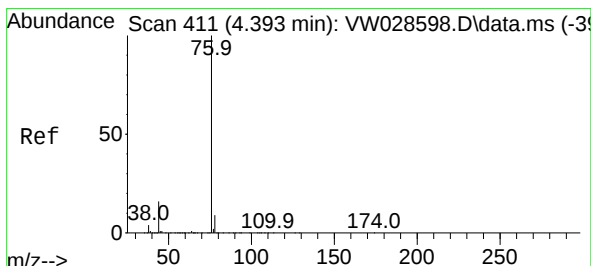
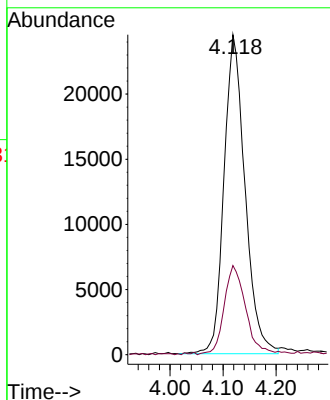
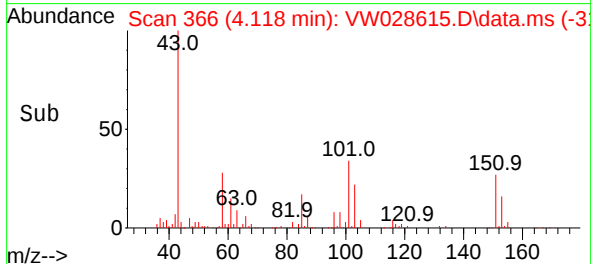


#13
Acetone
Concen: 54.393 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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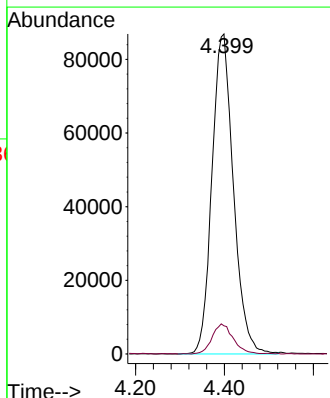
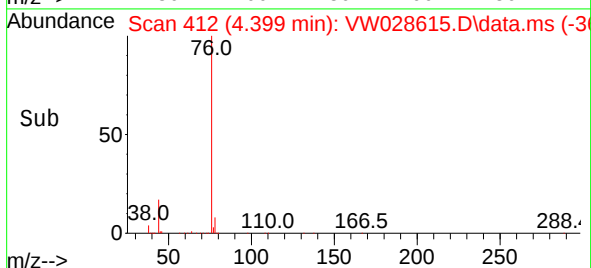
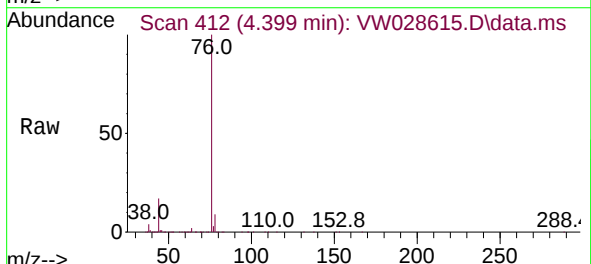


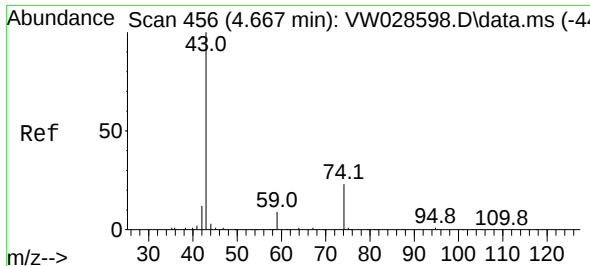
Tgt Ion: 43 Resp: 67365
Ion Ratio Lower Upper
43 100
58 28.5 0.0 54.4



#14
Carbon disulfide
Concen: 22.782 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
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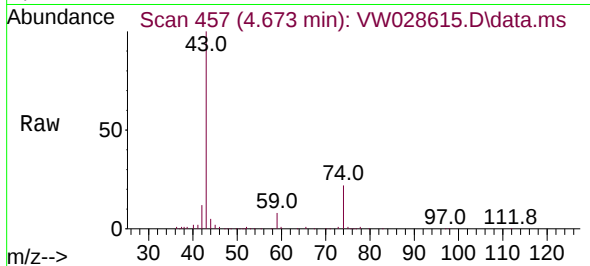
Tgt Ion: 76 Resp: 291189
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



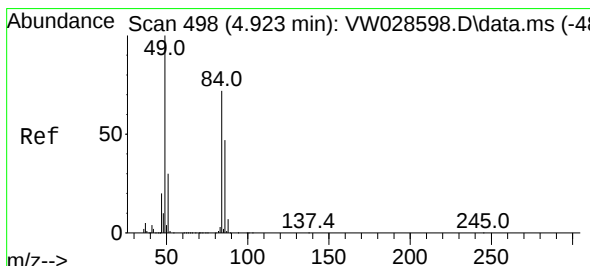
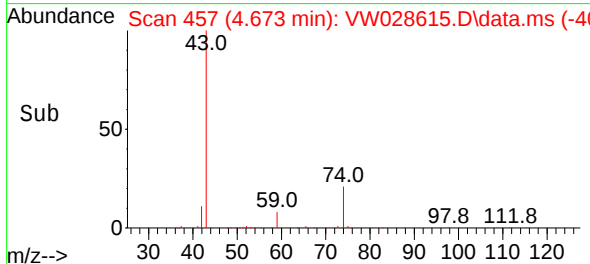
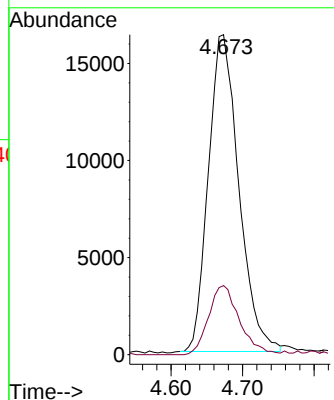


#15
Methyl Acetate
Concen: 22.419 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Instrument :
MSVOA_W
ClientSampleId :

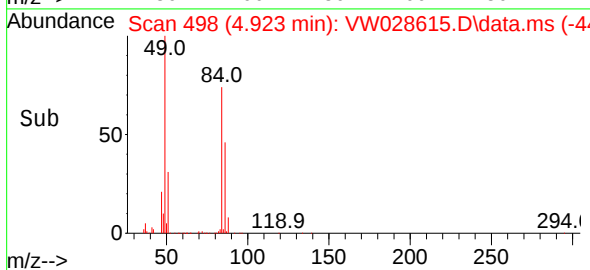
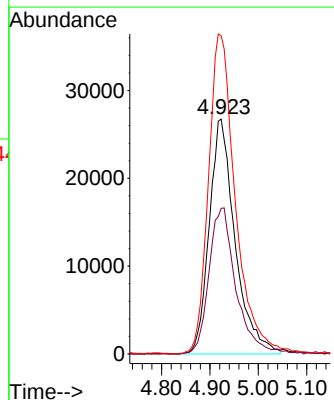
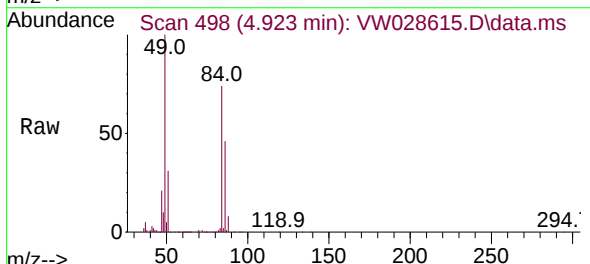


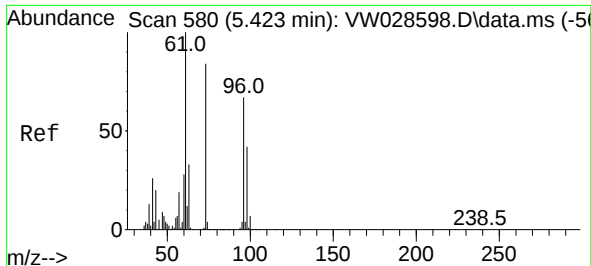
Tgt Ion: 43 Resp: 48305
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 23.356 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion: 84 Resp: 99261
Ion Ratio Lower Upper
84 100
86 62.0 44.4 82.4
49 135.5 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.838 ug/L

RT: 5.435 min Scan# 580

Delta R.T. 0.012 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

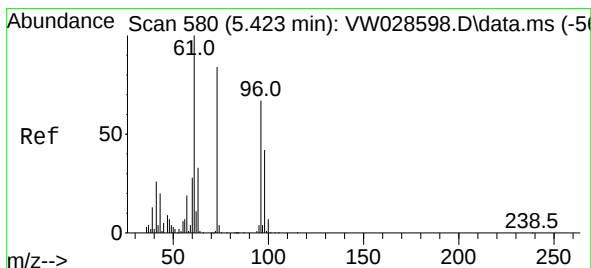
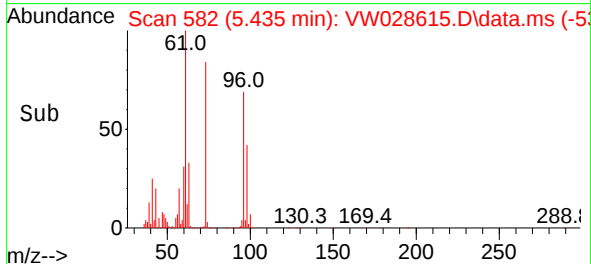
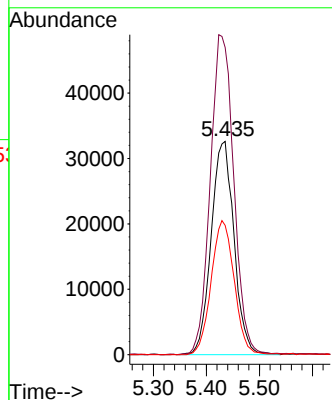
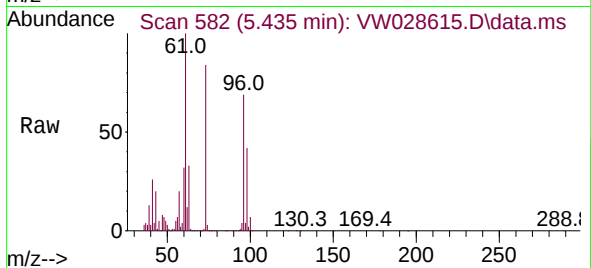
Tgt Ion: 96 Resp: 97794

Ion Ratio Lower Upper

96 100

61 144.0 109.0 202.4

98 60.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.066 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

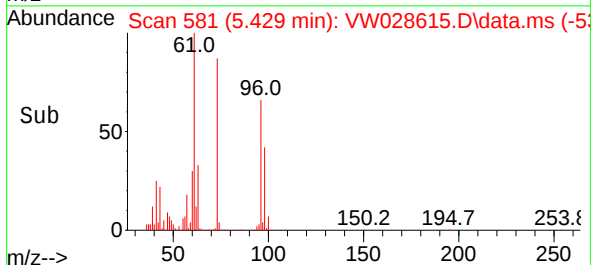
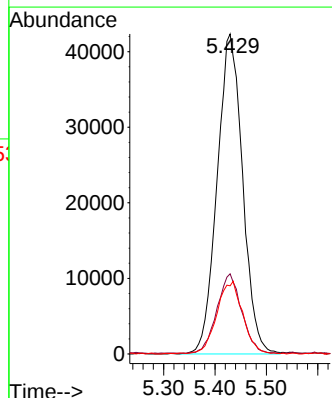
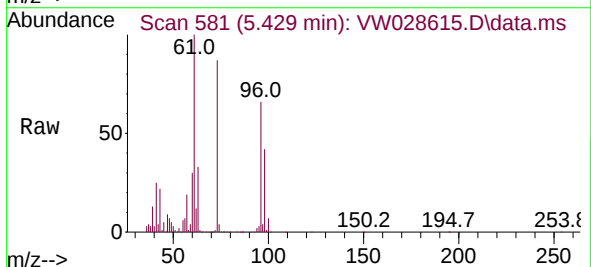
Tgt Ion: 73 Resp: 145645

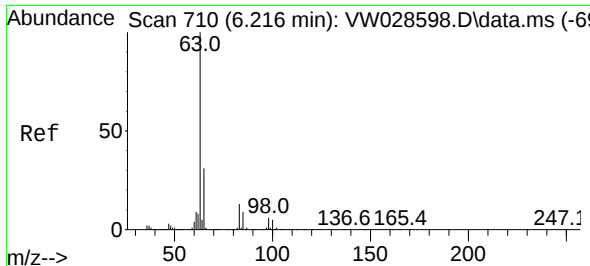
Ion Ratio Lower Upper

73 100

43 24.2 19.2 28.8

57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.338 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

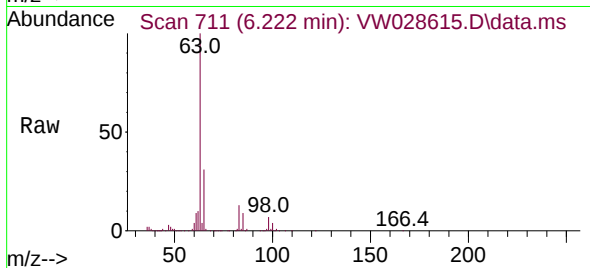
Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :



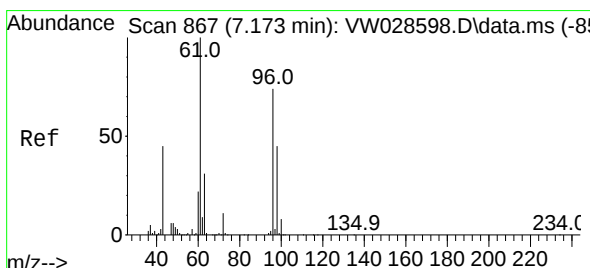
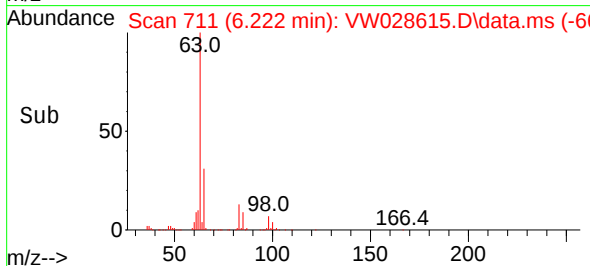
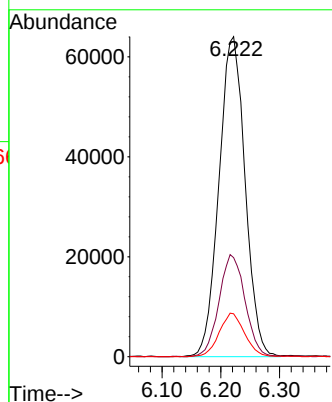
Tgt Ion: 63 Resp: 197828

Ion Ratio Lower Upper

63 100

65 30.9 22.9 42.5

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.553 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

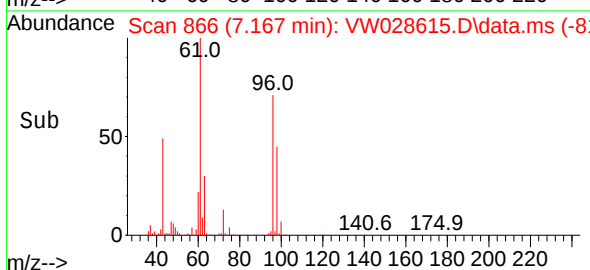
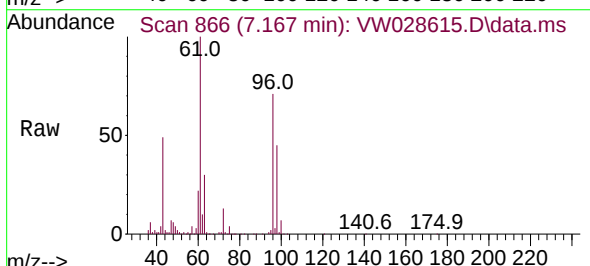
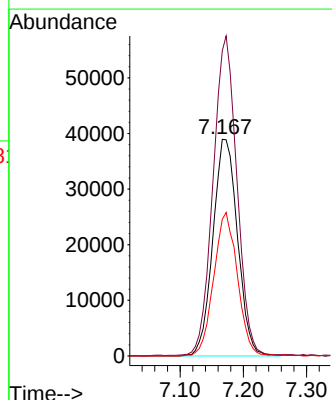
Tgt Ion: 96 Resp: 105293

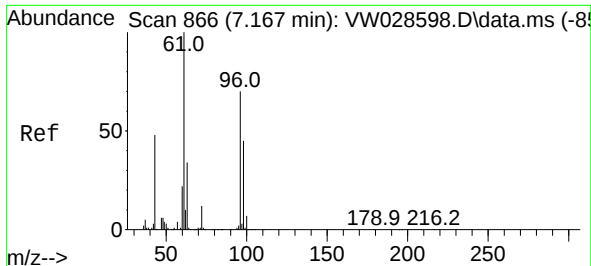
Ion Ratio Lower Upper

96 100

61 140.9 102.8 191.0

98 63.1 44.3 82.3





#22

2-Butanone

Concen: 47.610 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

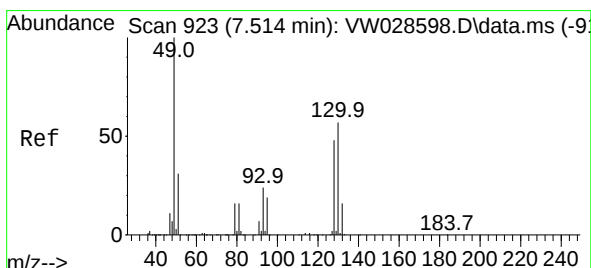
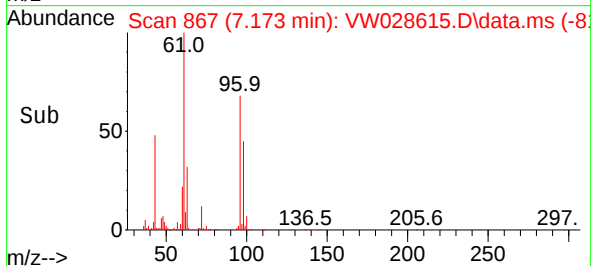
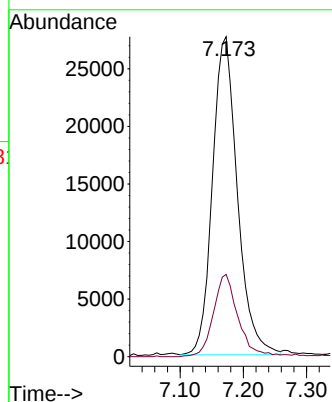
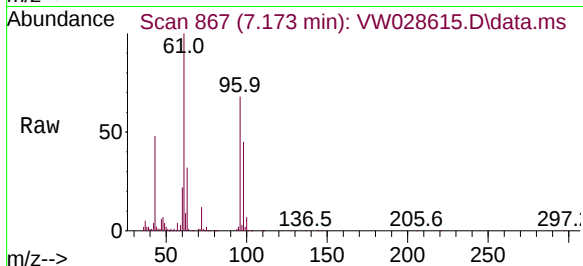
ClientSampleId :

Tgt Ion: 43 Resp: 75682

Ion Ratio Lower Upper

43 100

72 25.4 12.2 36.6



#23

Bromochloromethane

Concen: 25.715 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Tgt Ion: 128 Resp: 46221

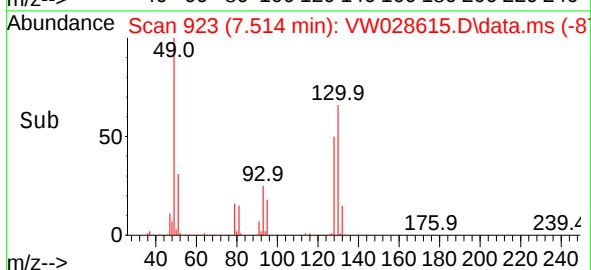
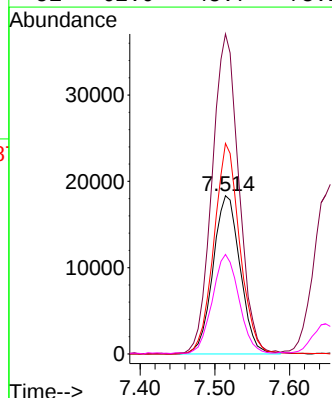
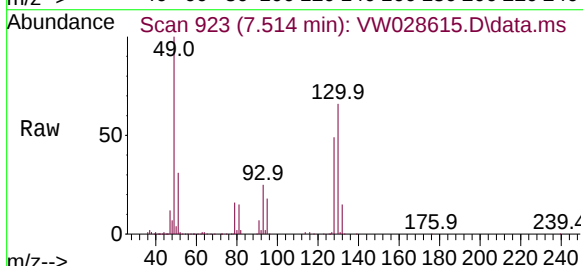
Ion Ratio Lower Upper

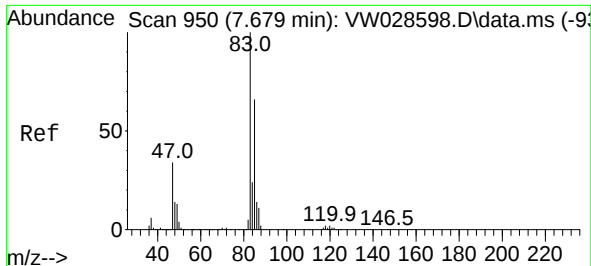
128 100

49 202.2 139.6 259.2

130 133.1 91.2 169.4

51 62.9 48.7 73.1





#25

Chloroform

Concen: 26.117 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

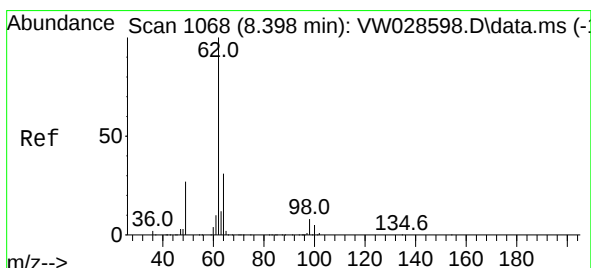
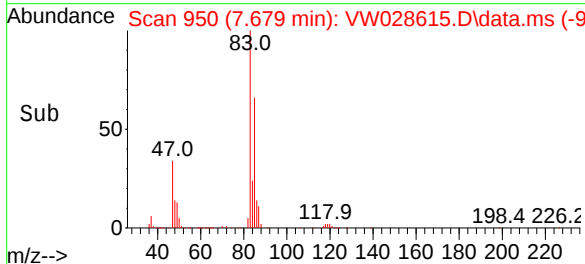
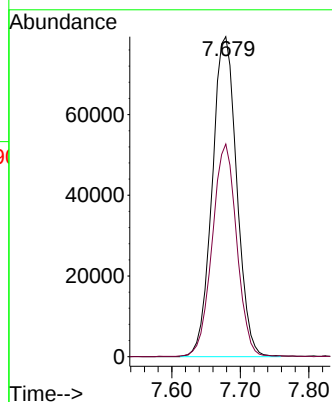
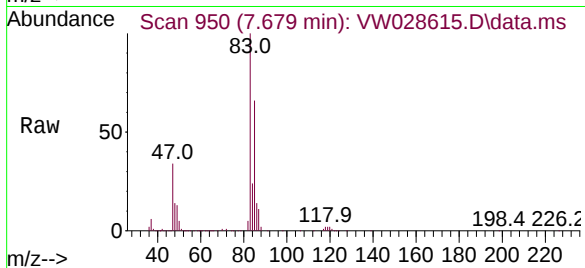
ClientSampleId :

Tgt Ion: 83 Resp: 197230

Ion Ratio Lower Upper

83 100

85 66.5 43.4 80.6



#27

1,2-Dichloroethane

Concen: 25.813 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028615.D

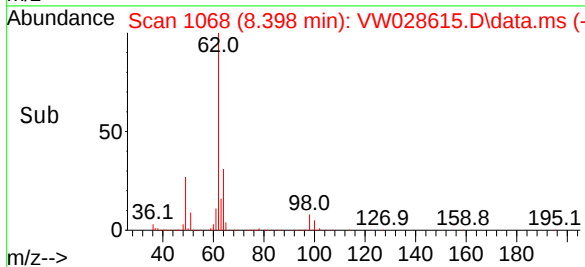
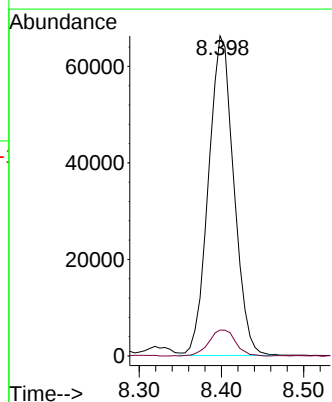
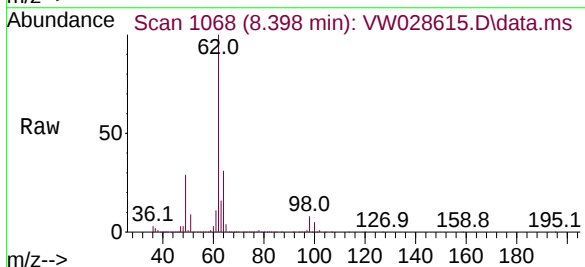
Acq: 16 May 2024 09:33

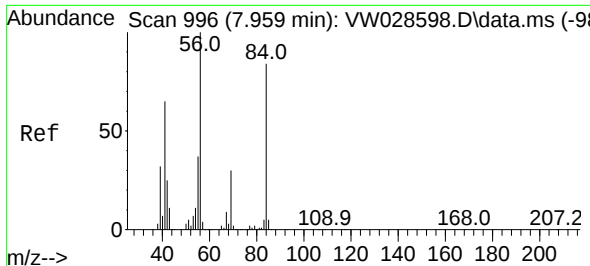
Tgt Ion: 62 Resp: 141703

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

Cyclohexane

Concen: 23.694 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

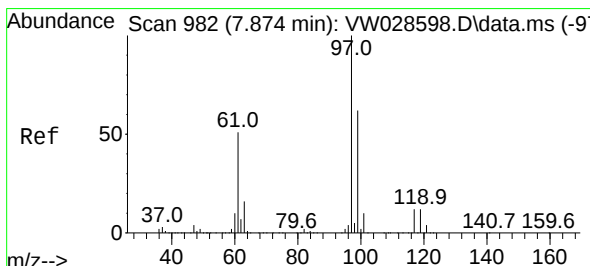
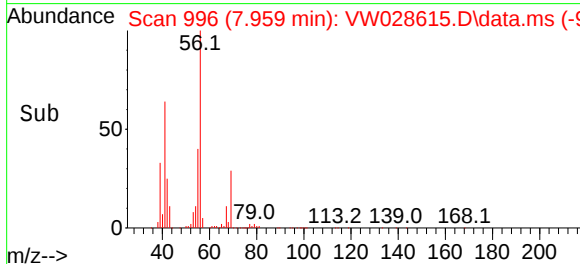
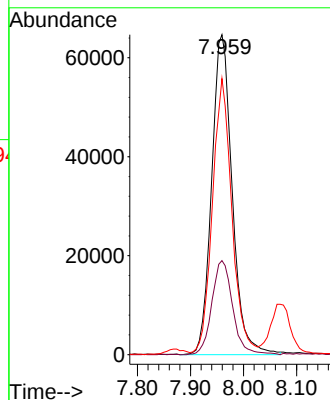
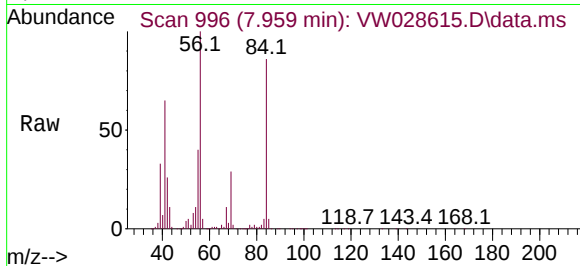
Tgt Ion: 56 Resp: 174271

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.0

84 81.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.920 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

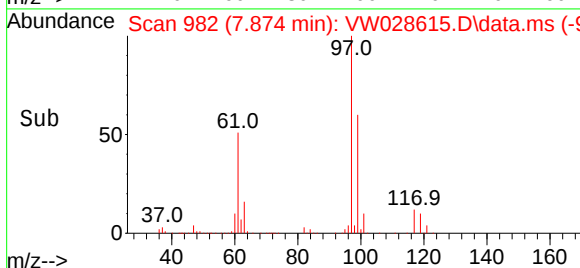
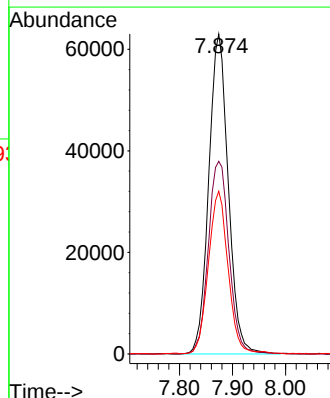
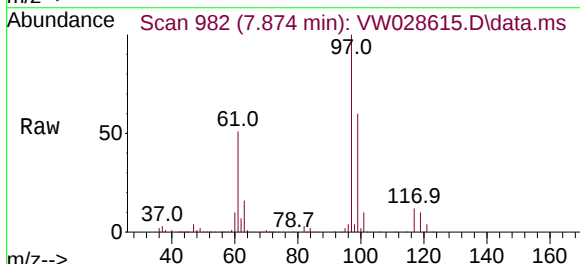
Tgt Ion: 97 Resp: 161087

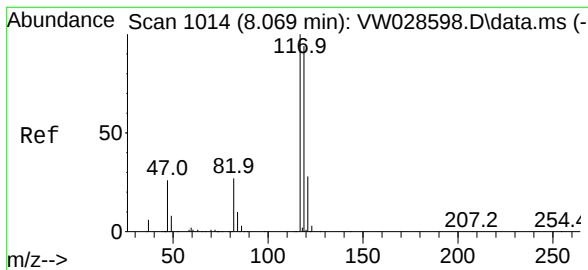
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 51.0 41.0 61.6

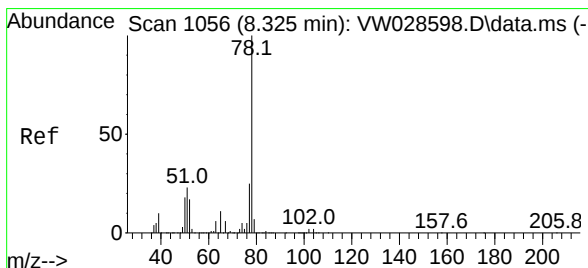
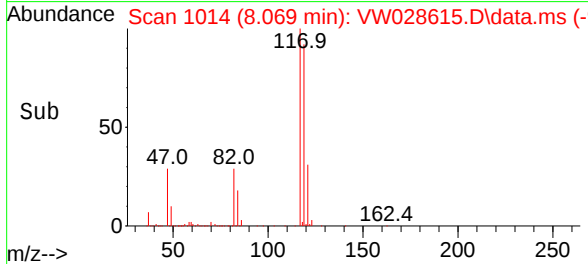
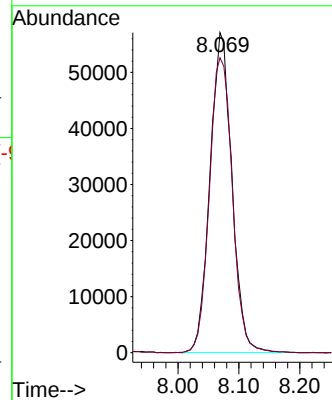
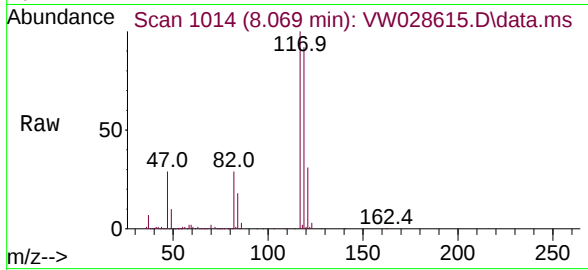




#31
Carbon tetrachloride
Concen: 24.243 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

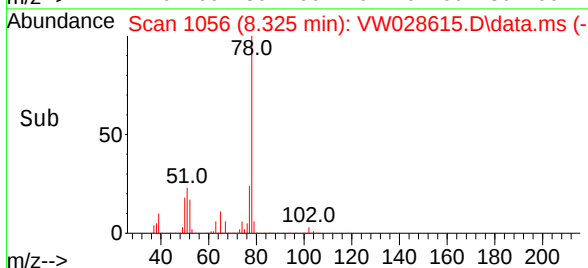
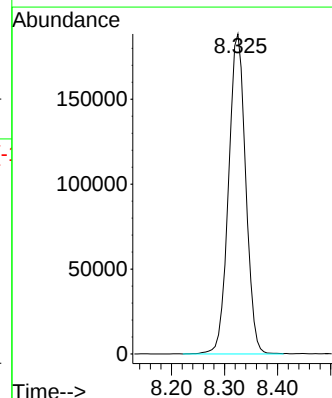
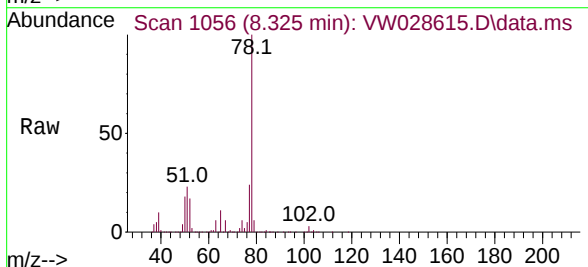
Instrument :
MSVOA_W
ClientSampleId :

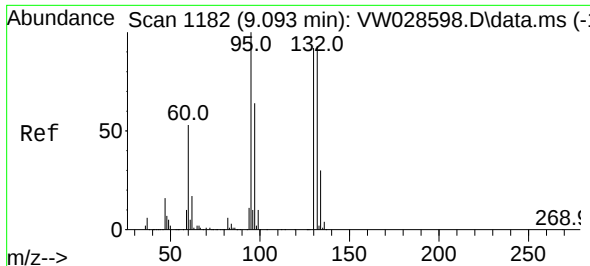
Tgt Ion:117 Resp: 142884
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 25.263 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion: 78 Resp: 422589





#34

Trichloroethene

Concen: 24.468 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

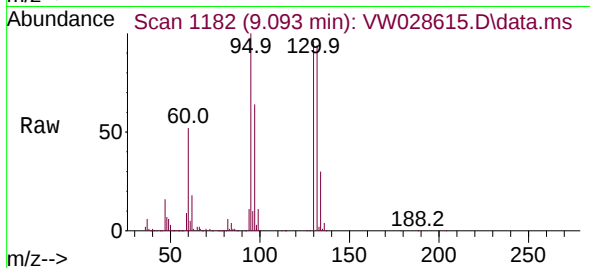
Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 109737

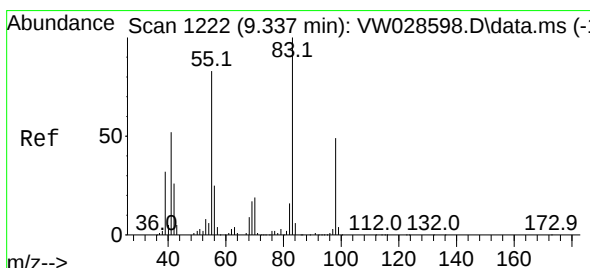
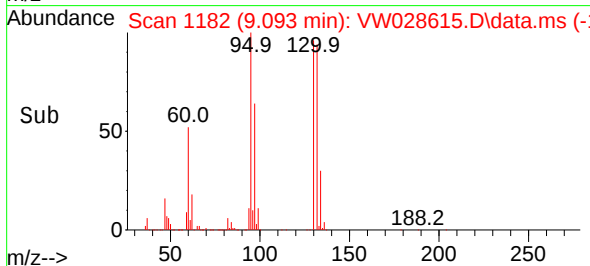
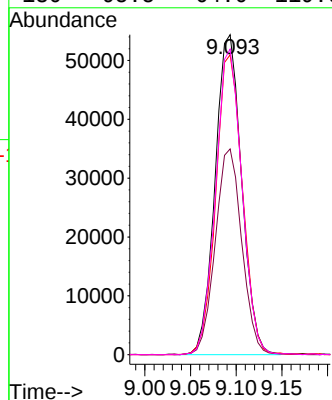
Ion Ratio Lower Upper

95 100

97 64.3 44.9 83.3

132 93.7 59.7 110.9

130 95.5 64.0 119.0



#35

Methylcyclohexane

Concen: 24.202 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

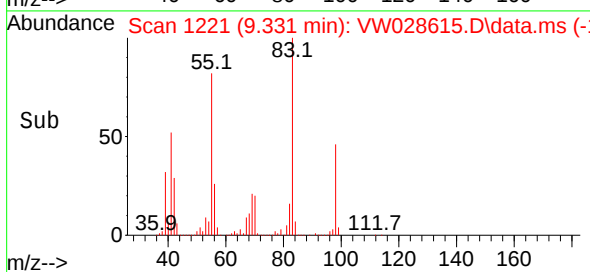
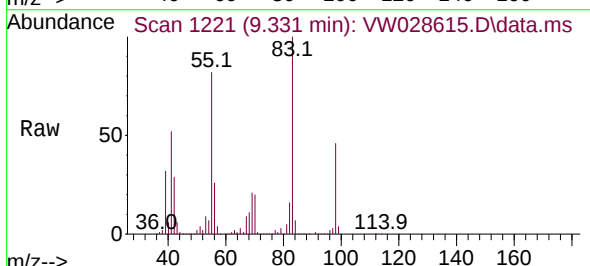
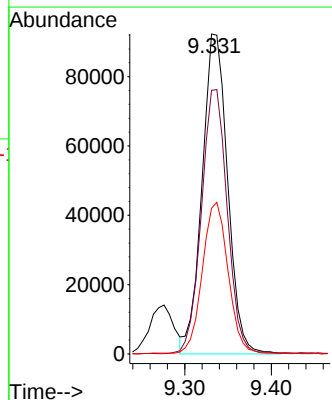
Tgt Ion: 83 Resp: 189690

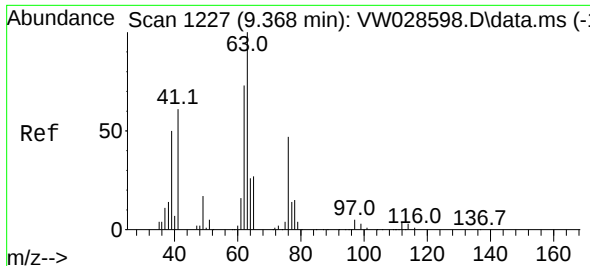
Ion Ratio Lower Upper

83 100

55 83.4 66.9 100.3

98 47.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 25.802 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

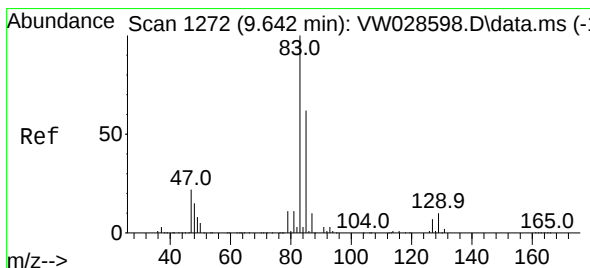
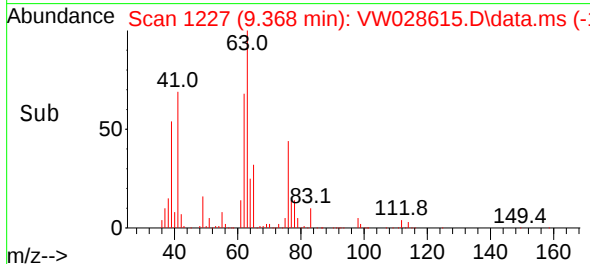
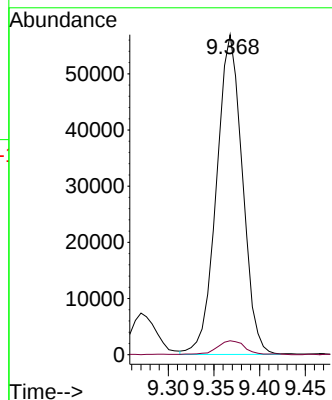
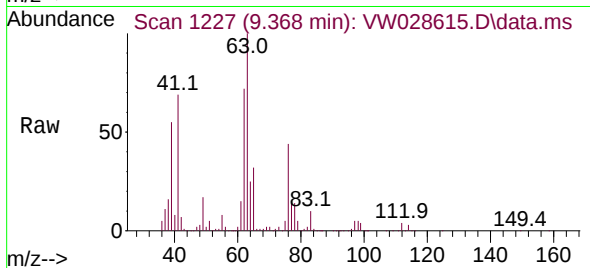
ClientSampleId :

Tgt Ion: 63 Resp: 112466

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 26.557 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

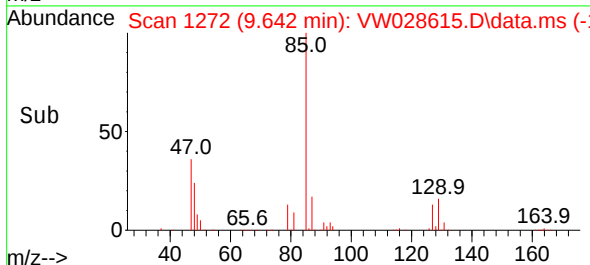
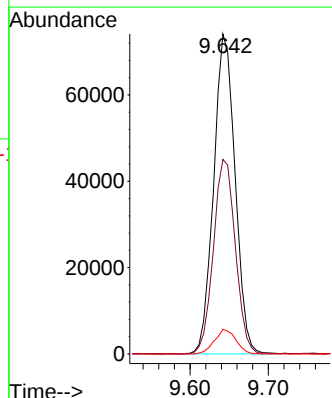
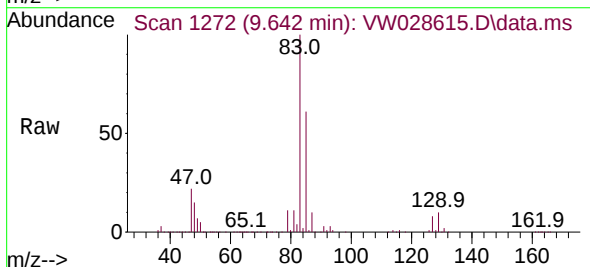
Tgt Ion: 83 Resp: 141105

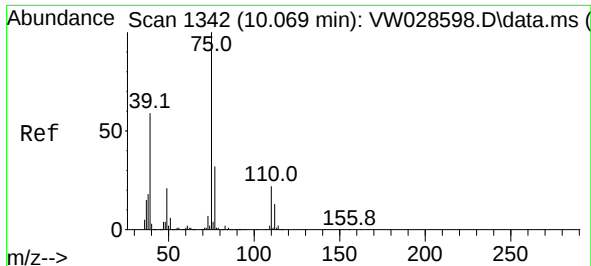
Ion Ratio Lower Upper

83 100

85 60.8 43.0 80.0

127 7.7 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.931 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

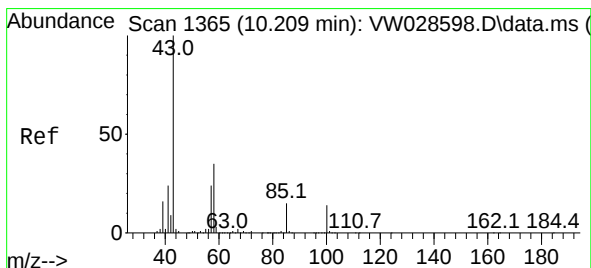
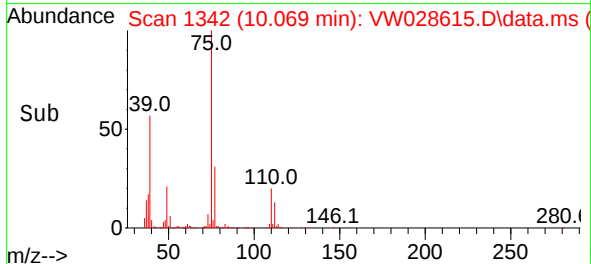
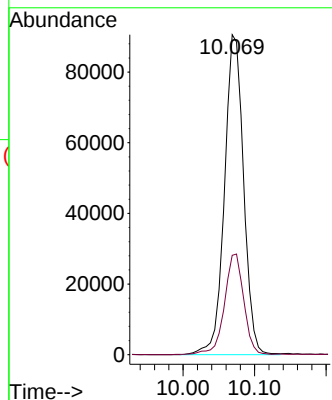
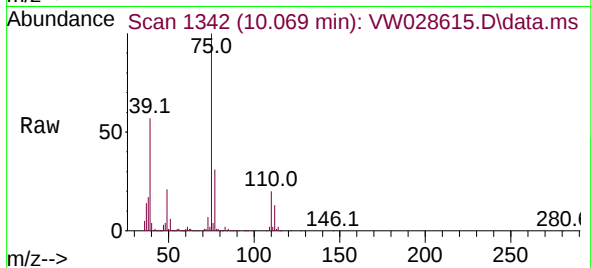
ClientSampleId :

Tgt Ion: 75 Resp: 168249

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.097 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

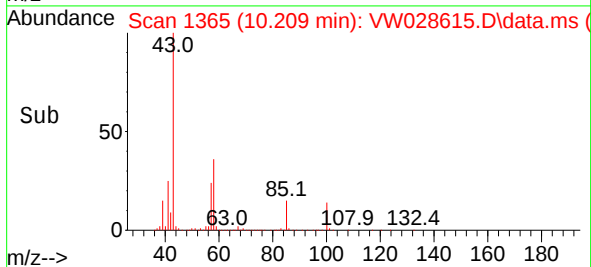
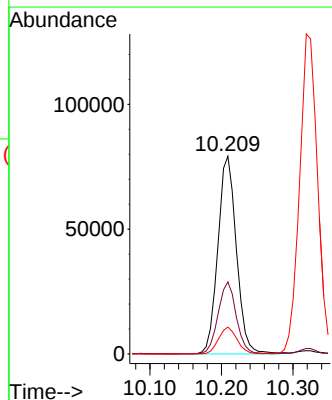
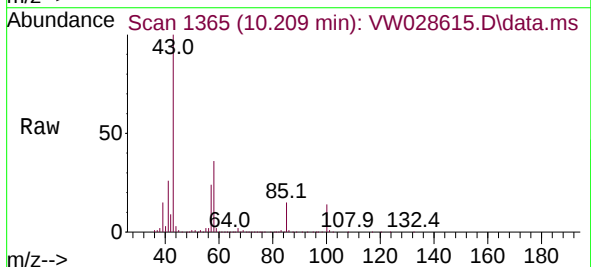
Tgt Ion: 43 Resp: 142684

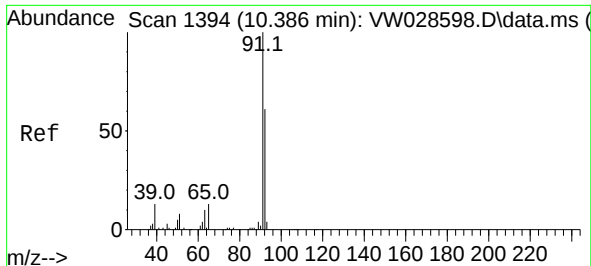
Ion Ratio Lower Upper

43 100

58 35.7 29.2 43.8

100 13.6 11.0 16.4

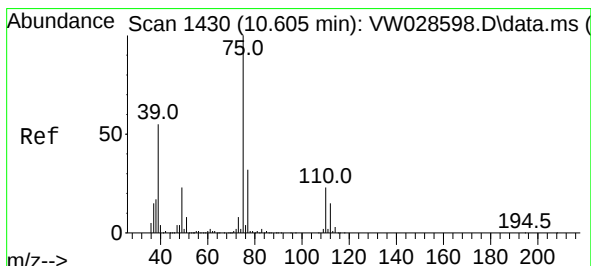
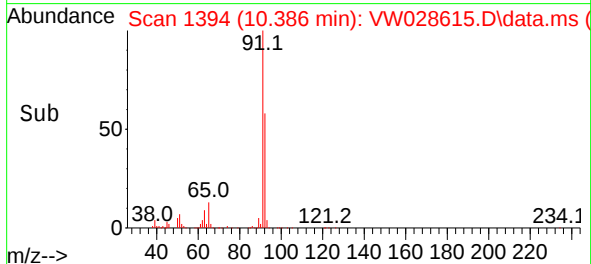
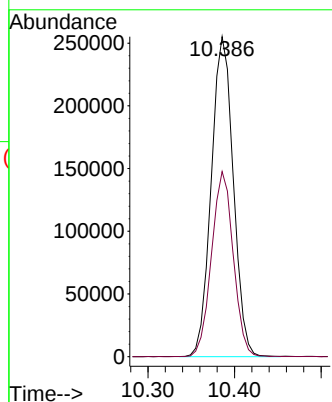
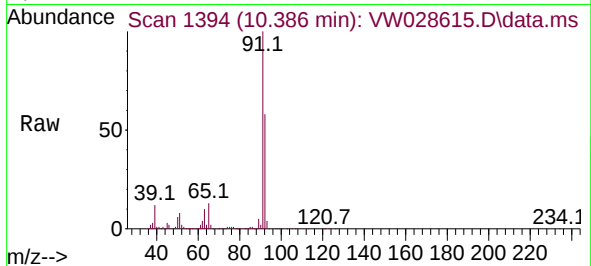




#42
Toluene
Concen: 26.102 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

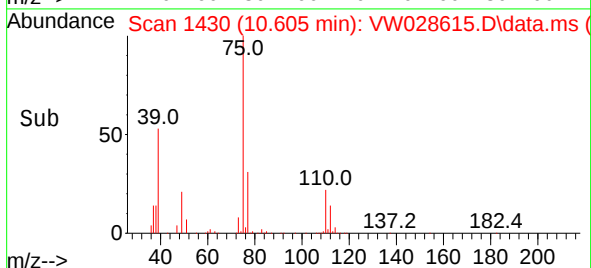
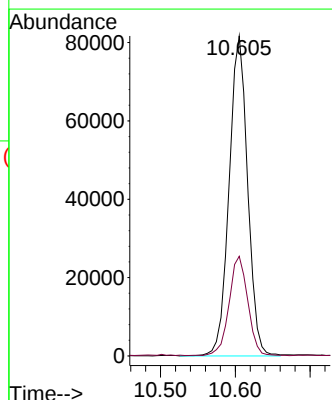
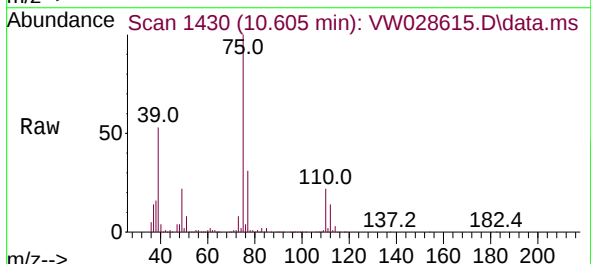
Instrument :
MSVOA_W
ClientSampleId :

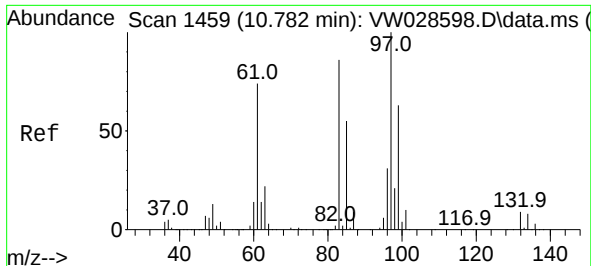
Tgt Ion: 91 Resp: 450958
Ion Ratio Lower Upper
91 100
92 57.8 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 26.728 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

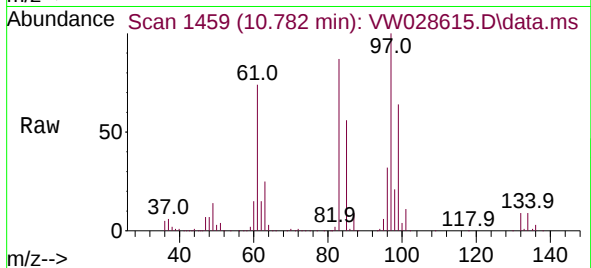
Tgt Ion: 75 Resp: 140790
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9



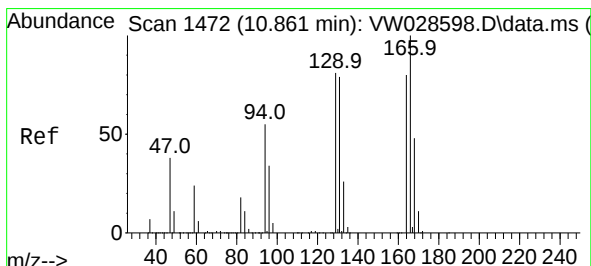
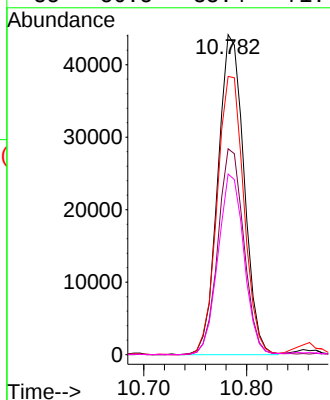
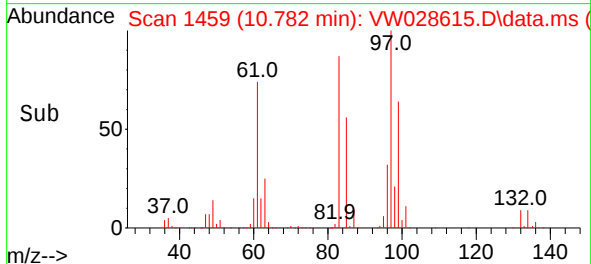


#45
1,1,2-Trichloroethane
Concen: 24.729 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Instrument :
MSVOA_W
ClientSampleId :

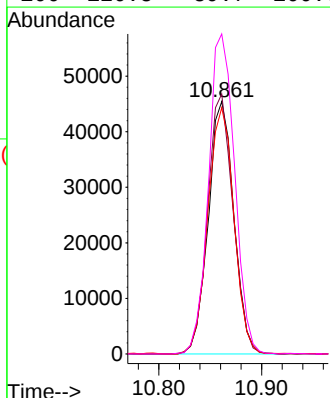
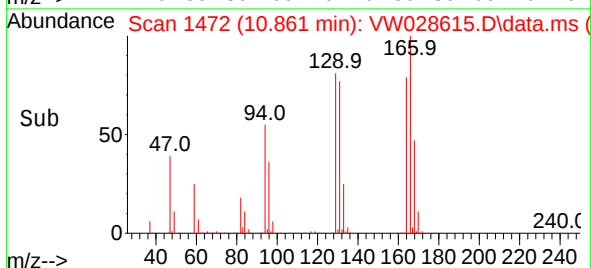
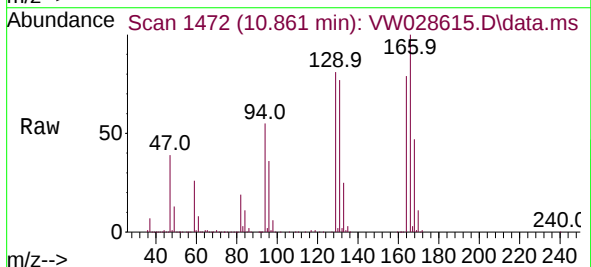


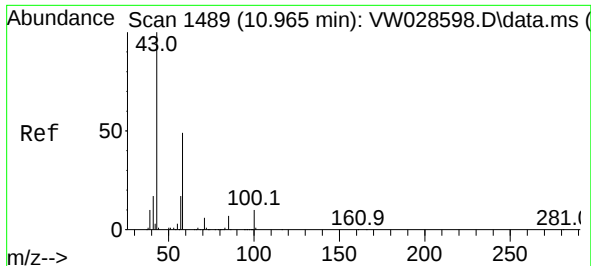
Tgt Ion:	97	Resp:	78082
Ion	Ratio	Lower	Upper
97	100		
99	64.3	41.9	77.9
83	86.9	62.1	115.3
85	56.5	38.4	71.4



#46
Tetrachloroethene
Concen: 24.308 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion:	164	Resp:	78546
Ion	Ratio	Lower	Upper
164	100		
129	103.0	69.2	128.6
131	97.5	67.7	125.7
166	126.8	89.7	166.7





#48

2-Hexanone

Concen: 53.488 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

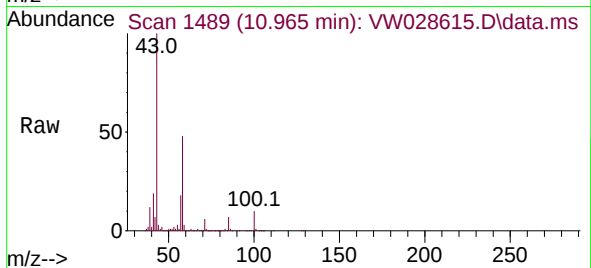
Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 112024

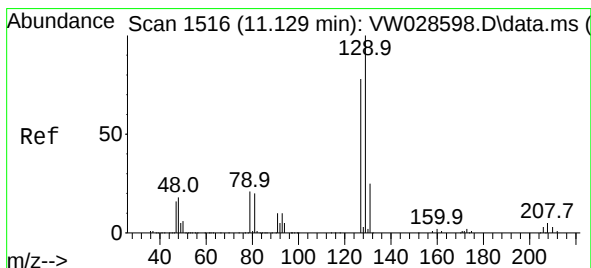
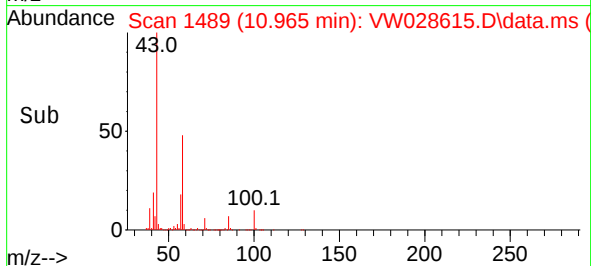
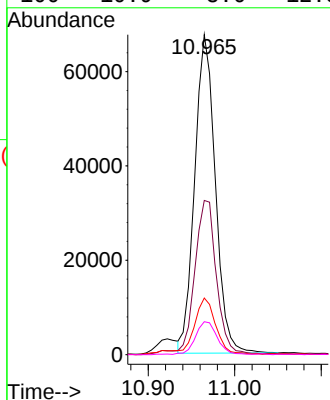
Ion Ratio Lower Upper

43 100

58 50.3 41.0 61.4

57 18.2 14.8 22.2

100 10.9 8.6 12.8



#49

Dibromochloromethane

Concen: 26.306 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028615.D

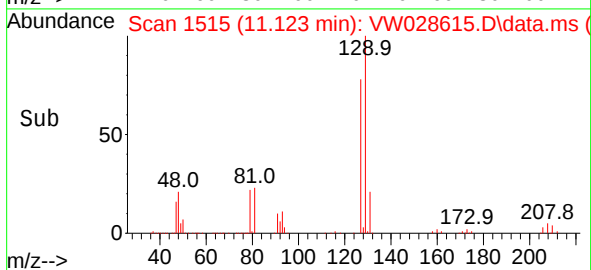
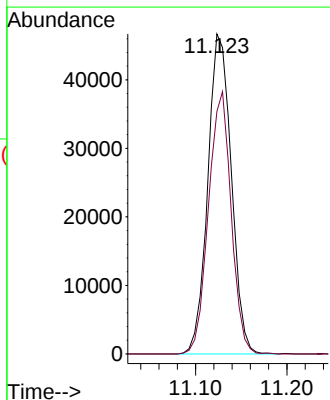
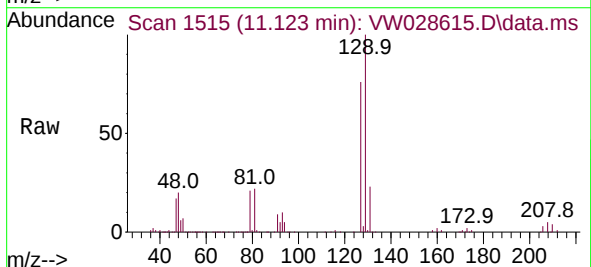
Acq: 16 May 2024 09:33

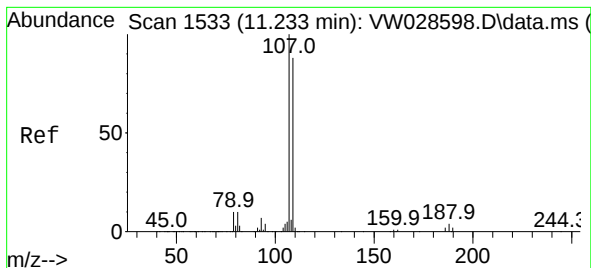
Tgt Ion:129 Resp: 83314

Ion Ratio Lower Upper

129 100

127 75.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 24.780 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028615.D

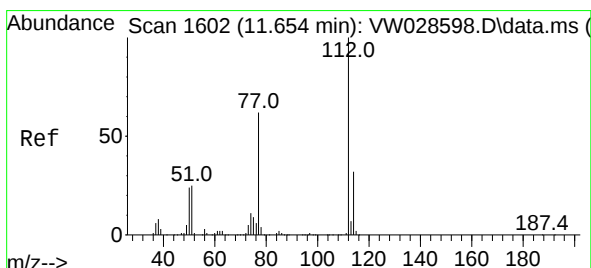
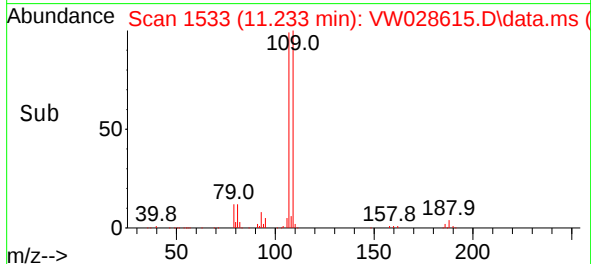
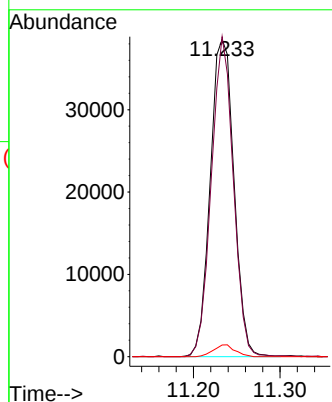
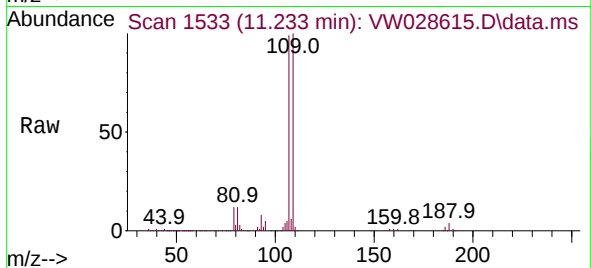
Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	73294
Ion	Ratio	Lower	Upper
107	100		
109	100.8	64.2	119.2
188	3.7	3.1	4.7



#51

Chlorobenzene

Concen: 25.661 ug/L

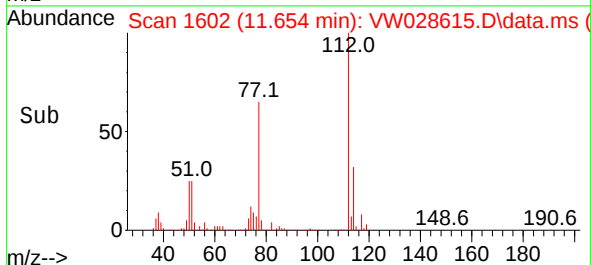
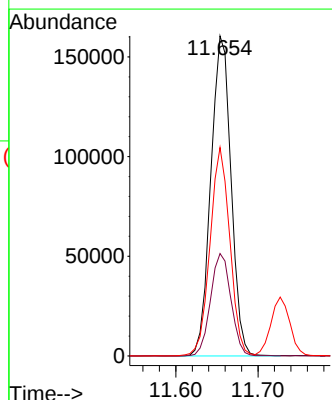
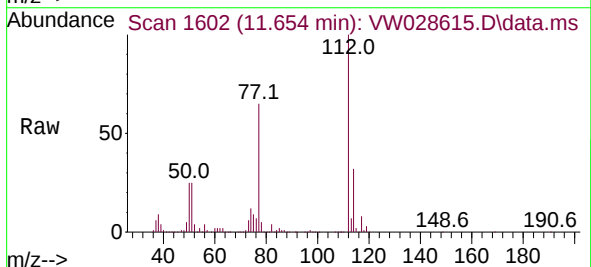
RT: 11.654 min Scan# 1602

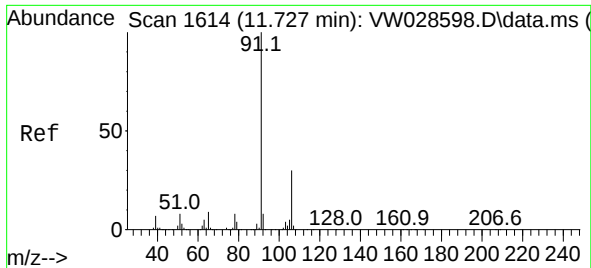
Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

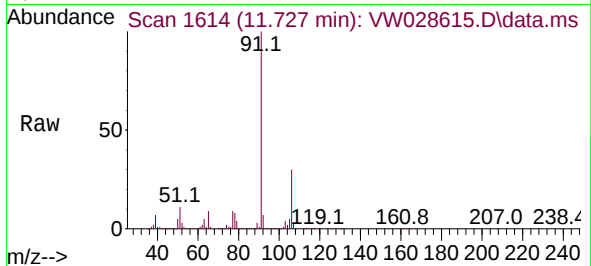
Tgt Ion:	112	Resp:	274240
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	65.1	50.8	76.2



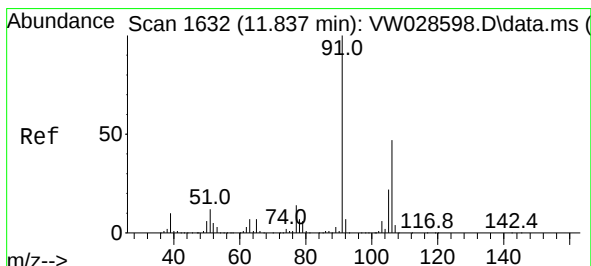
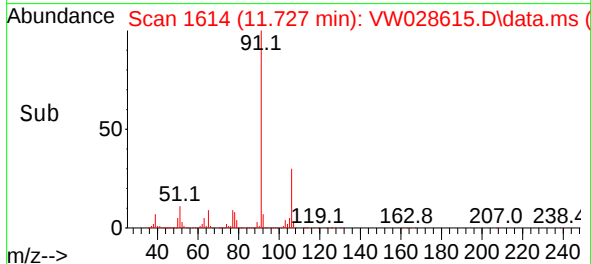
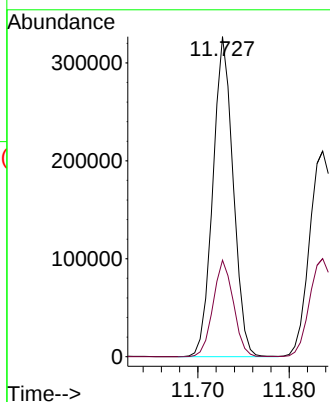


#52
Ethylbenzene
Concen: 25.854 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Instrument :
MSVOA_W
ClientSampleId :

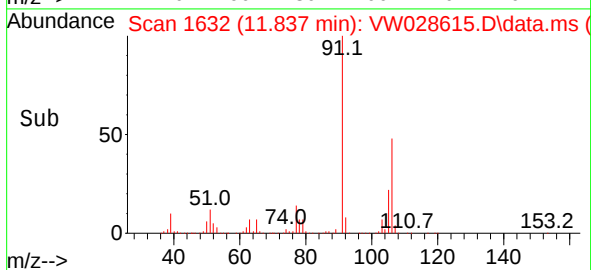
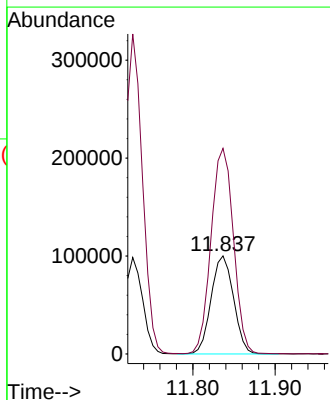
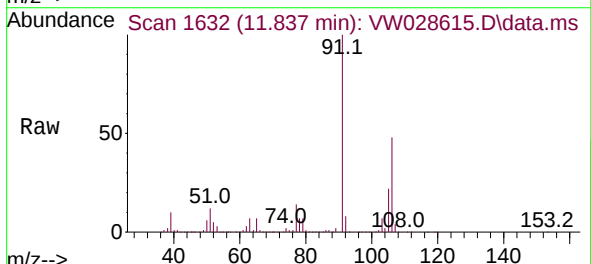


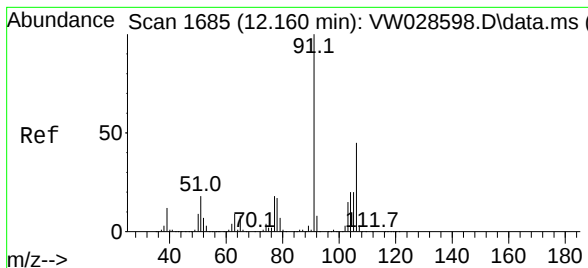
Tgt Ion: 91 Resp: 505492
Ion Ratio Lower Upper
91 100
106 30.1 22.7 42.1



#53
m,p-Xylene
Concen: 26.436 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion:106 Resp: 189466
Ion Ratio Lower Upper
106 100
91 209.9 146.6 272.2





#54

o-Xylene

Concen: 26.854 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

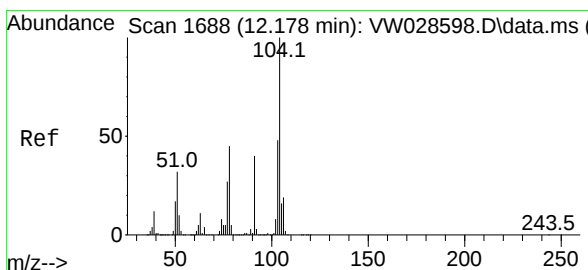
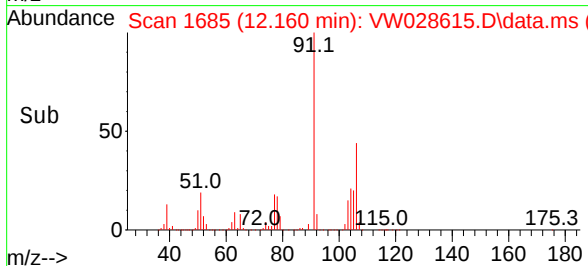
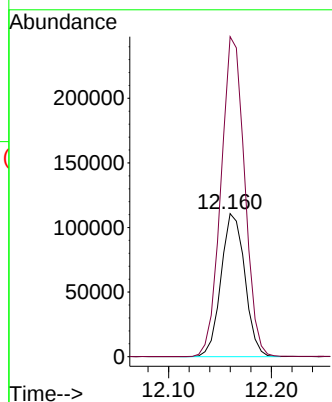
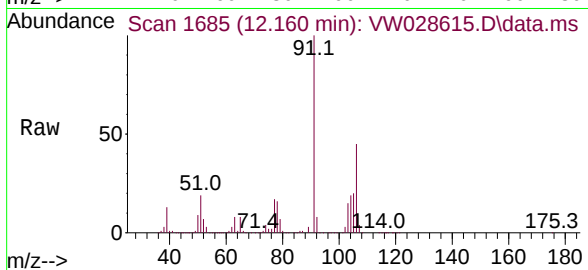
ClientSampleId :

Tgt Ion:106 Resp: 178052

Ion Ratio Lower Upper

106 100

91 223.7 154.3 286.5



#55

Styrene

Concen: 27.340 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028615.D

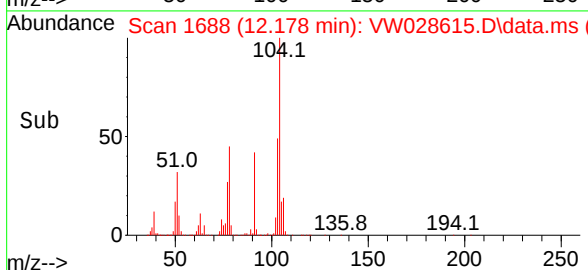
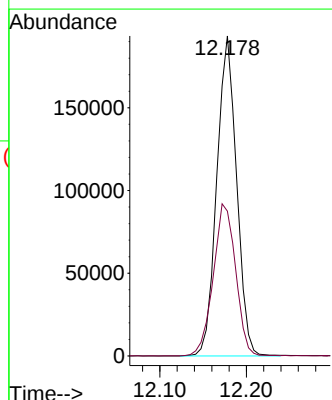
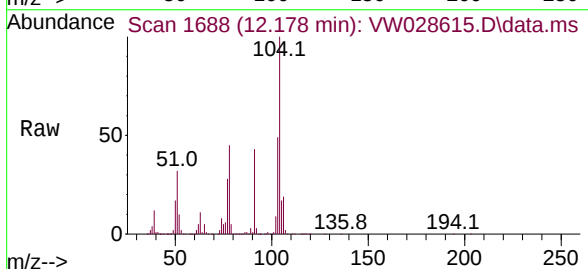
Acq: 16 May 2024 09:33

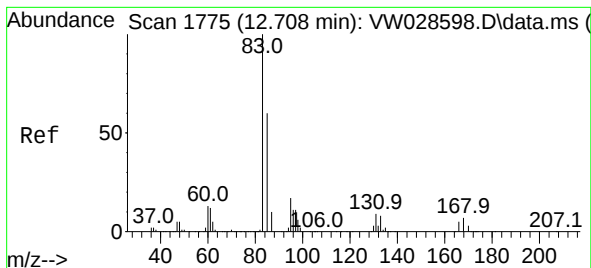
Tgt Ion:104 Resp: 307158

Ion Ratio Lower Upper

104 100

78 45.3 34.1 63.3

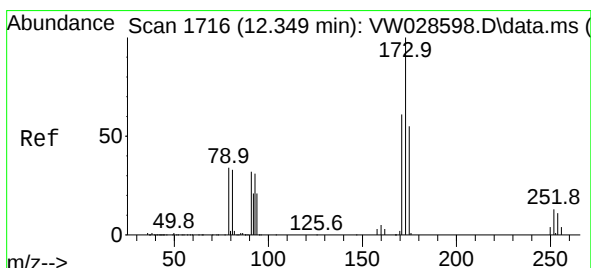
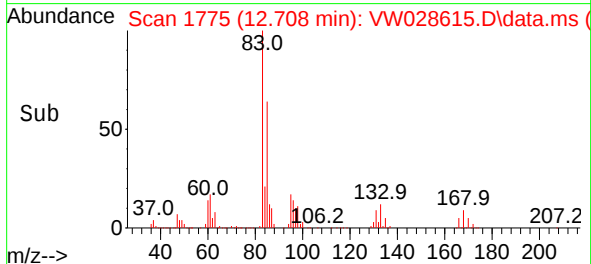
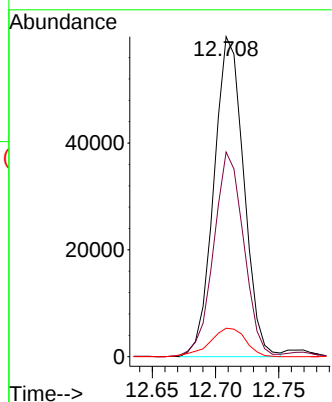
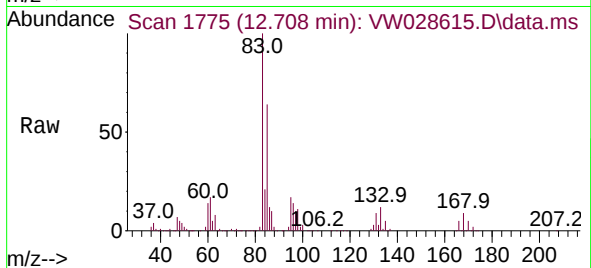




#57
1,1,2,2-Tetrachloroethane
Concen: 24.853 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

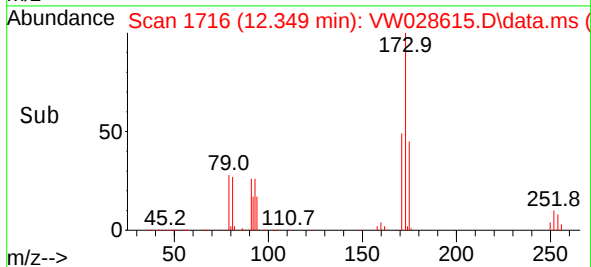
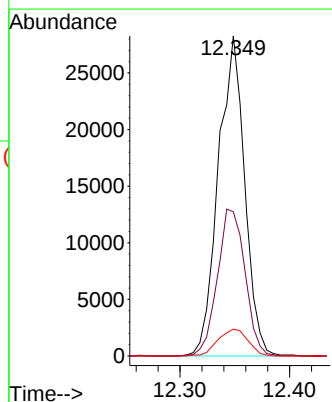
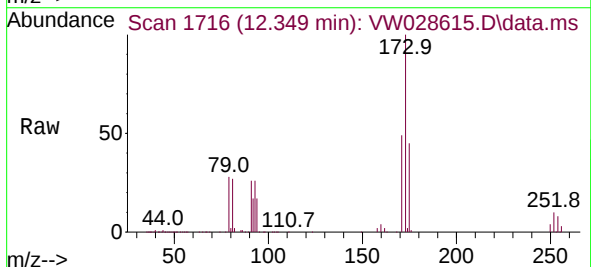
Instrument :
MSVOA_W
ClientSampleId :

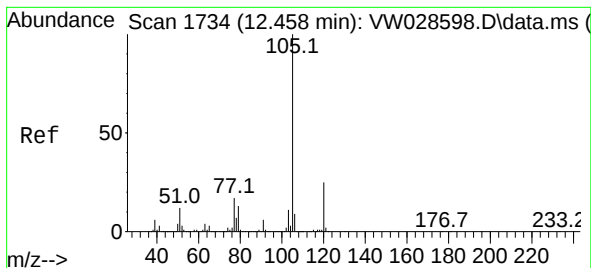
Tgt Ion: 83 Resp: 98454
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.6
131 8.9 7.3 10.9



#59
Bromoform
Concen: 24.688 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028615.D
Acq: 16 May 2024 09:33

Tgt Ion: 173 Resp: 47197
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.8
254 9.6 7.1 10.7





#60

Isopropylbenzene

Concen: 25.260 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

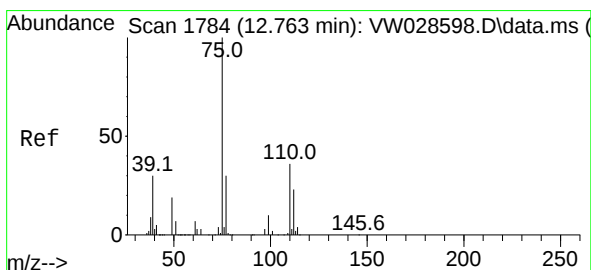
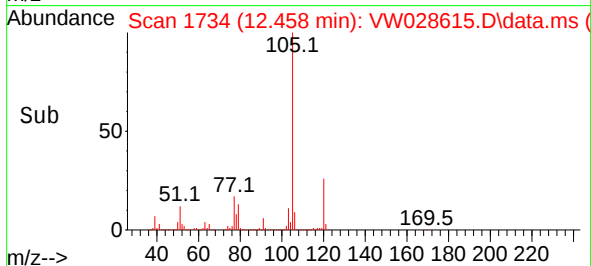
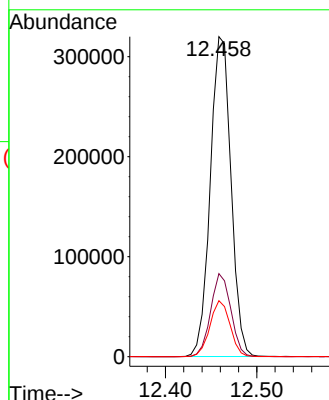
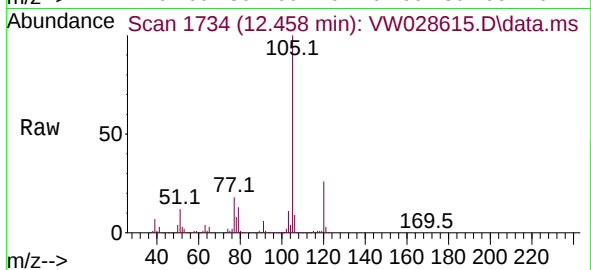
Tgt Ion:105 Resp: 502189

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.977 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

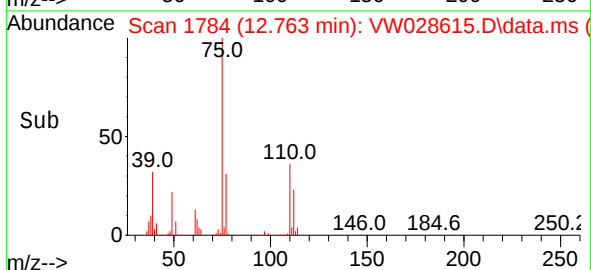
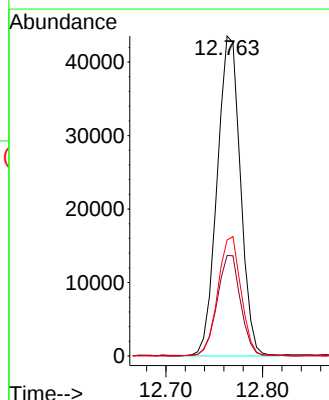
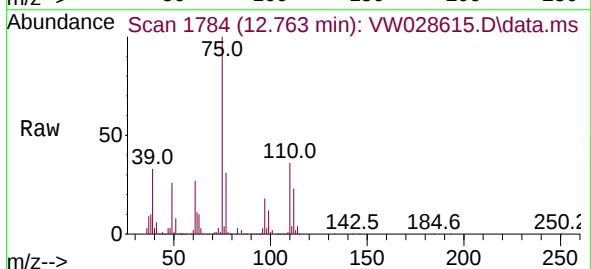
Tgt Ion: 75 Resp: 72764

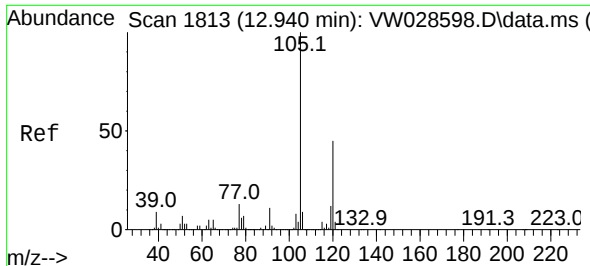
Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9

110 37.2 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.308 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

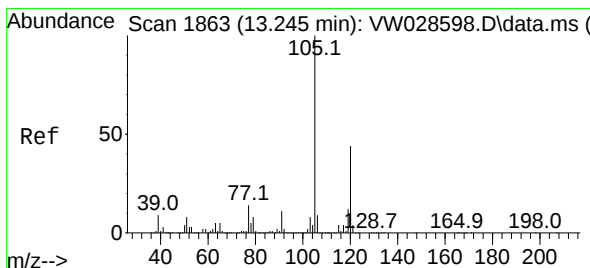
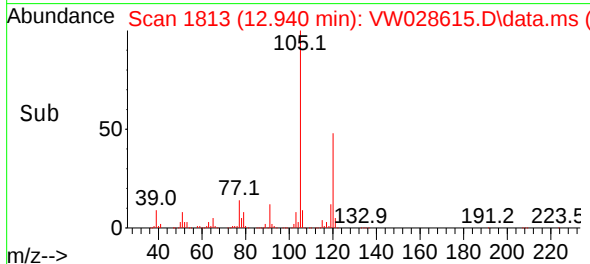
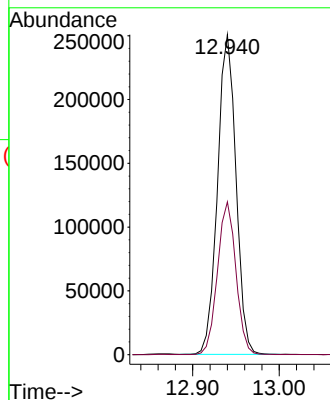
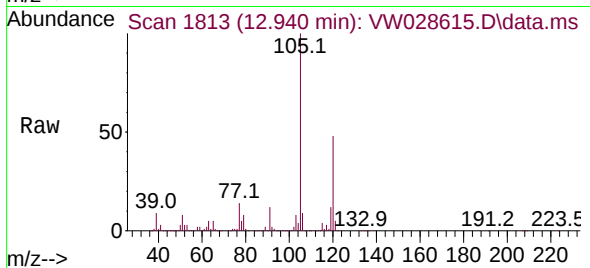
ClientSampleId :

Tgt Ion:105 Resp: 370046

Ion Ratio Lower Upper

105 100

120 48.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.271 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028615.D

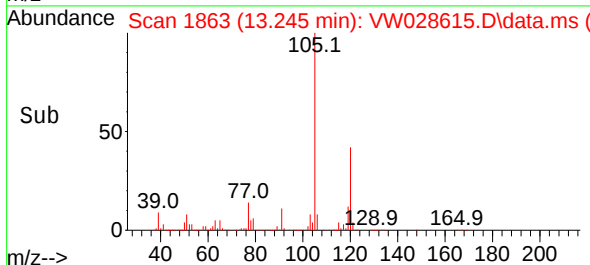
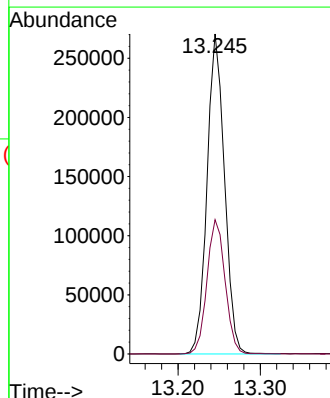
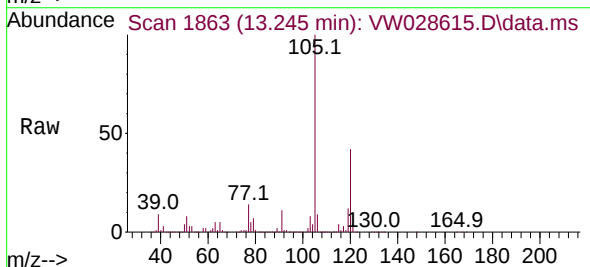
Acq: 16 May 2024 09:33

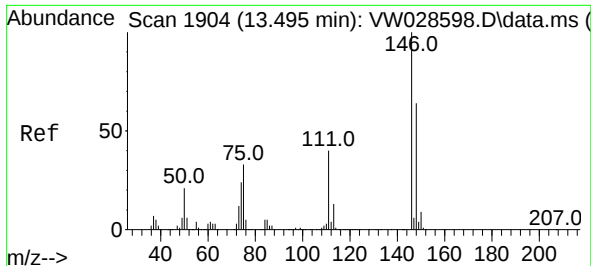
Tgt Ion:105 Resp: 398147

Ion Ratio Lower Upper

105 100

120 43.6 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.952 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

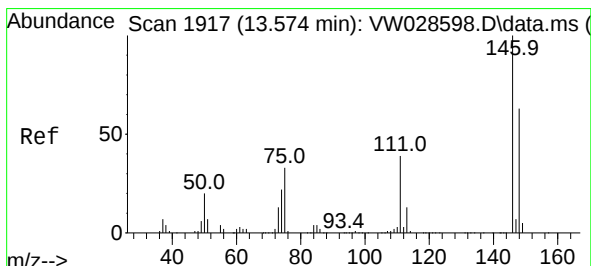
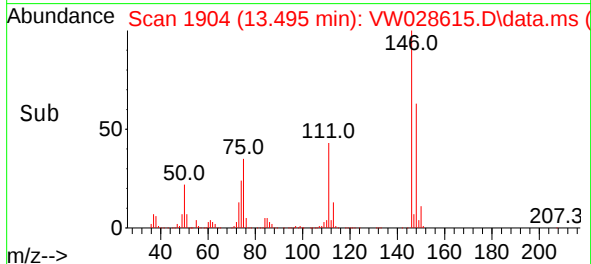
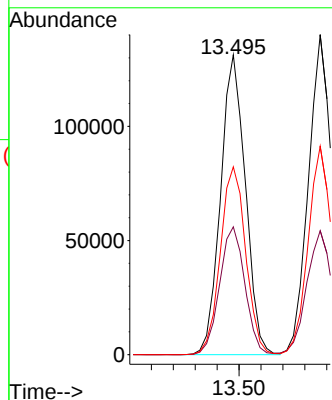
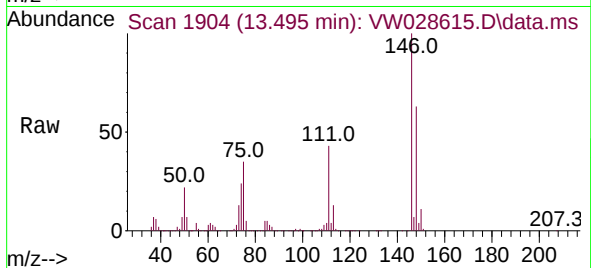
Tgt Ion:146 Resp: 206361

Ion Ratio Lower Upper

146 100

111 42.7 30.7 57.1

148 62.7 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 25.168 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

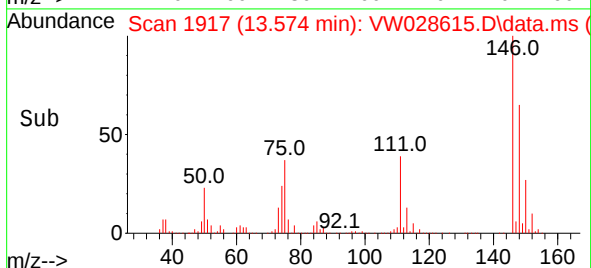
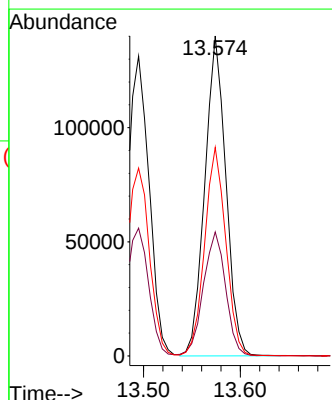
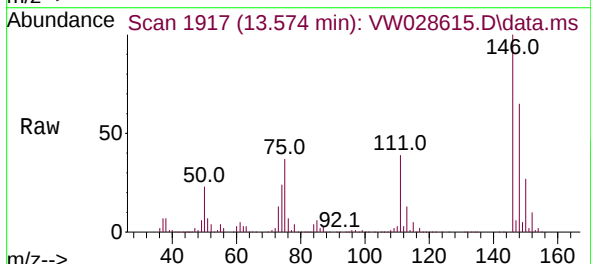
Tgt Ion:146 Resp: 212800

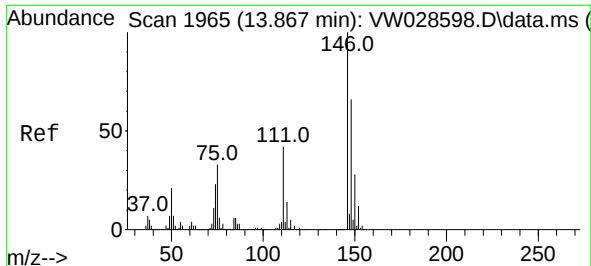
Ion Ratio Lower Upper

146 100

111 38.7 29.1 54.1

148 65.2 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 25.568 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

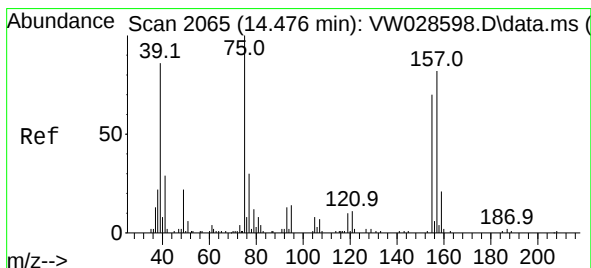
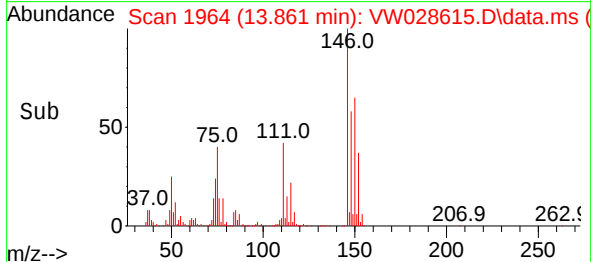
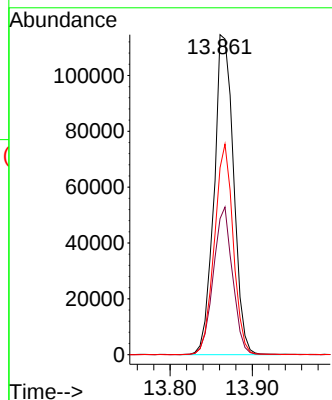
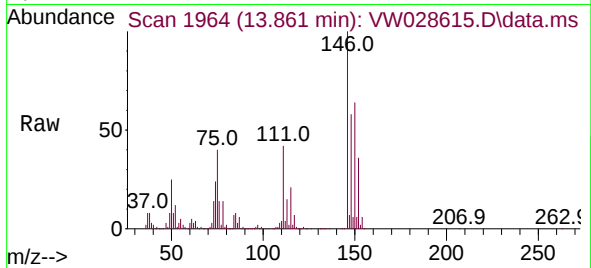
Tgt Ion:146 Resp: 189262

Ion Ratio Lower Upper

146 100

111 42.5 34.7 52.1

148 58.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.233 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

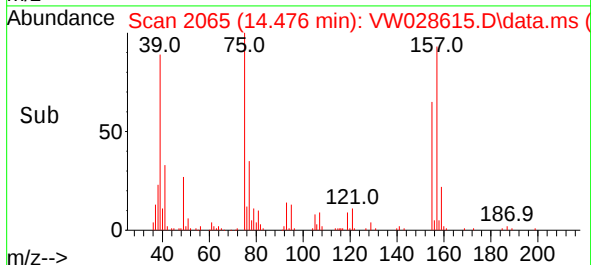
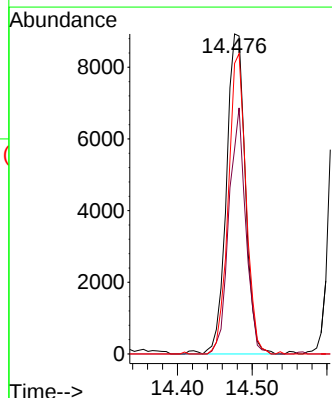
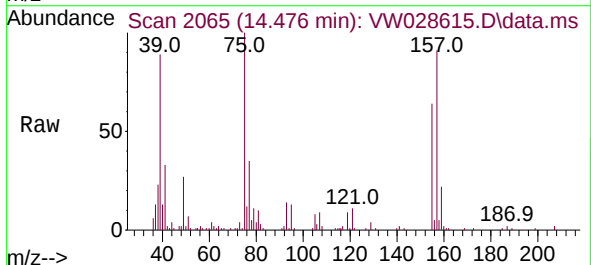
Tgt Ion: 75 Resp: 15722

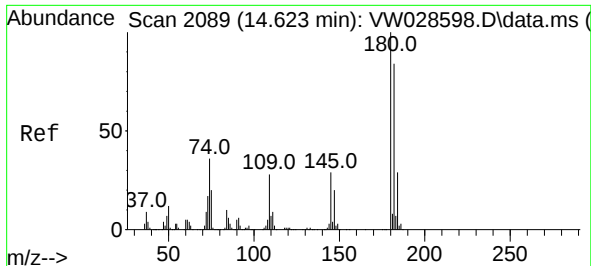
Ion Ratio Lower Upper

75 100

155 64.1 55.1 82.7

157 90.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 23.952 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

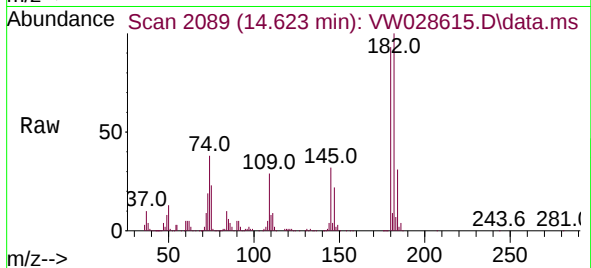
Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 132926

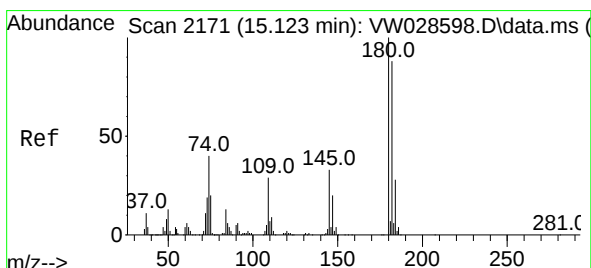
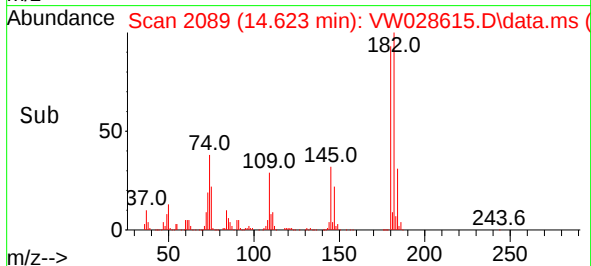
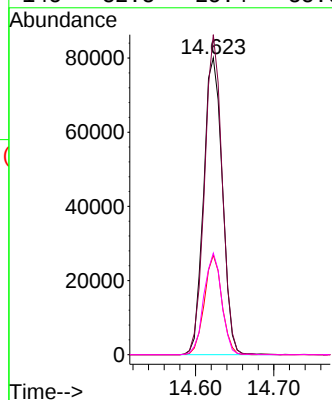
Ion Ratio Lower Upper

180 100

182 101.1 75.4 113.2

184 31.3 24.0 36.0

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.753 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

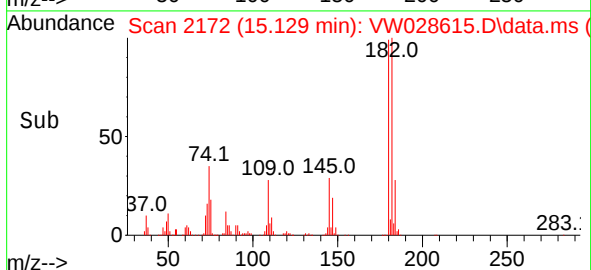
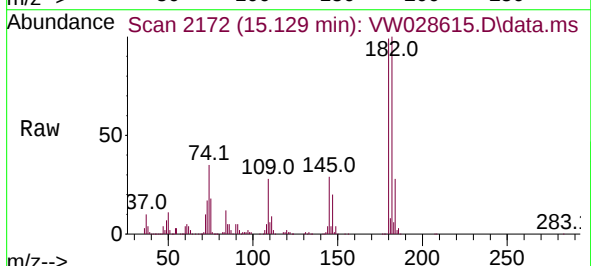
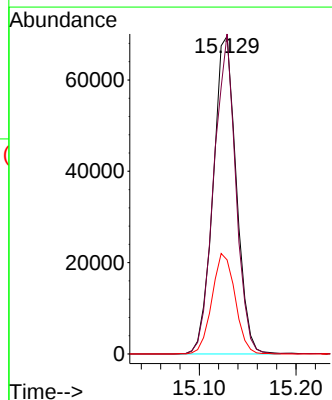
Tgt Ion:180 Resp: 115482

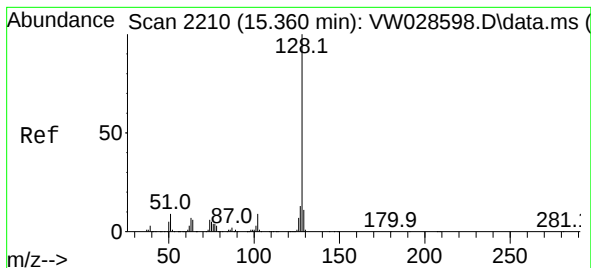
Ion Ratio Lower Upper

180 100

182 95.3 77.2 115.8

145 31.7 26.6 39.8





#71

Naphthalene

Concen: 24.830 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

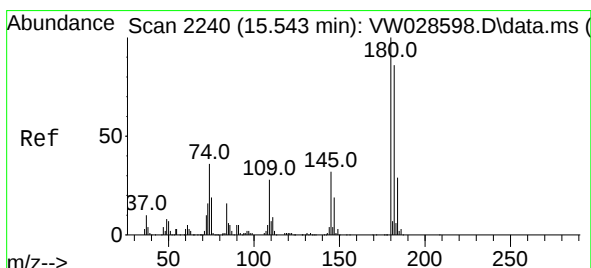
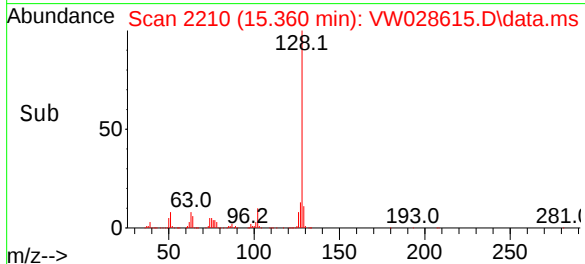
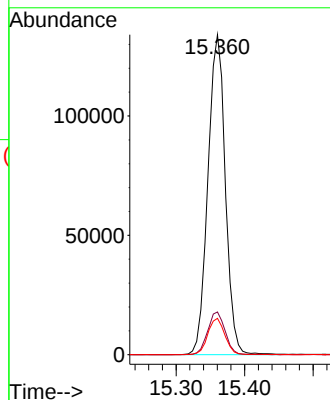
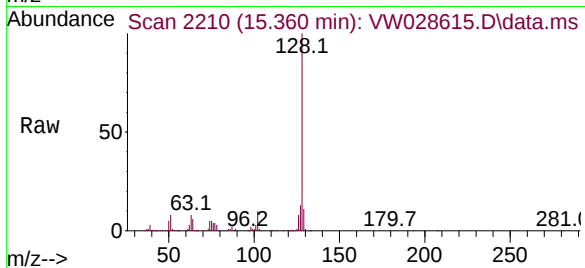
Tgt Ion:128 Resp: 237217

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.687 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028615.D

Acq: 16 May 2024 09:33

Tgt Ion:180 Resp: 103939

Ion Ratio Lower Upper

180 100

182 93.1 76.1 114.1

145 34.5 28.3 42.5

