

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029397.D
 Acq On : 28 Jun 2024 14:47
 Operator : SY/MD
 Sample : P3100-02MS
 Misc : 5.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 02:11:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	444954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405312	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186545	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103206	16.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.040%
7) Chloroethane-d5	2.899	69	87621	16.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	4.021	65	53816	18.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	7.075	46	61954	33.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.240%
24) Chloroform-d	7.648	84	271685	20.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.880%
26) 1,2-Dichloroethane-d4	8.301	65	139224	18.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.080%
32) Benzene-d6	8.270	84	508037	20.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.560%
36) 1,2-Dichloropropane-d6	9.270	67	162181	20.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.880%
41) Toluene-d8	10.319	98	458512	21.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	10.575	79	61528	19.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.040%
47) 2-Hexanone-d5	10.922	63	44705	36.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113767	18.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	148150	22.880	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83451	19.224	ug/L	99
3) Chloromethane	2.222	50	116652	18.846	ug/L	98
5) Vinyl chloride	2.375	62	142365	20.028	ug/L	98
6) Bromomethane	2.789	94	83450	19.533	ug/L	90
8) Chloroethane	2.936	64	91698	21.091	ug/L	98
9) Trichlorofluoromethane	3.271	101	138367	25.108	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	136322	22.436	ug/L	92
12) 1,1-Dichloroethene	4.045	96	123651	23.983	ug/L	83
13) Acetone	4.118	43	70787	45.206	ug/L	95
14) Carbon disulfide	4.387	76	341272	20.277	ug/L	99
15) Methyl Acetate	4.673	43	55695	17.916	ug/L	99
16) Methylene chloride	4.917	84	137910	17.627	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	133442	23.306	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	211054	23.040	ug/L	99
19) 1,1-Dichloroethane	6.216	63	293533	23.737	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	150878	23.896	ug/L	94
22) 2-Butanone	7.167	43	85497	39.831	ug/L	98
23) Bromochloromethane	7.508	128	62115	22.099	ug/L	92
25) Chloroform	7.679	83	291727	24.159	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

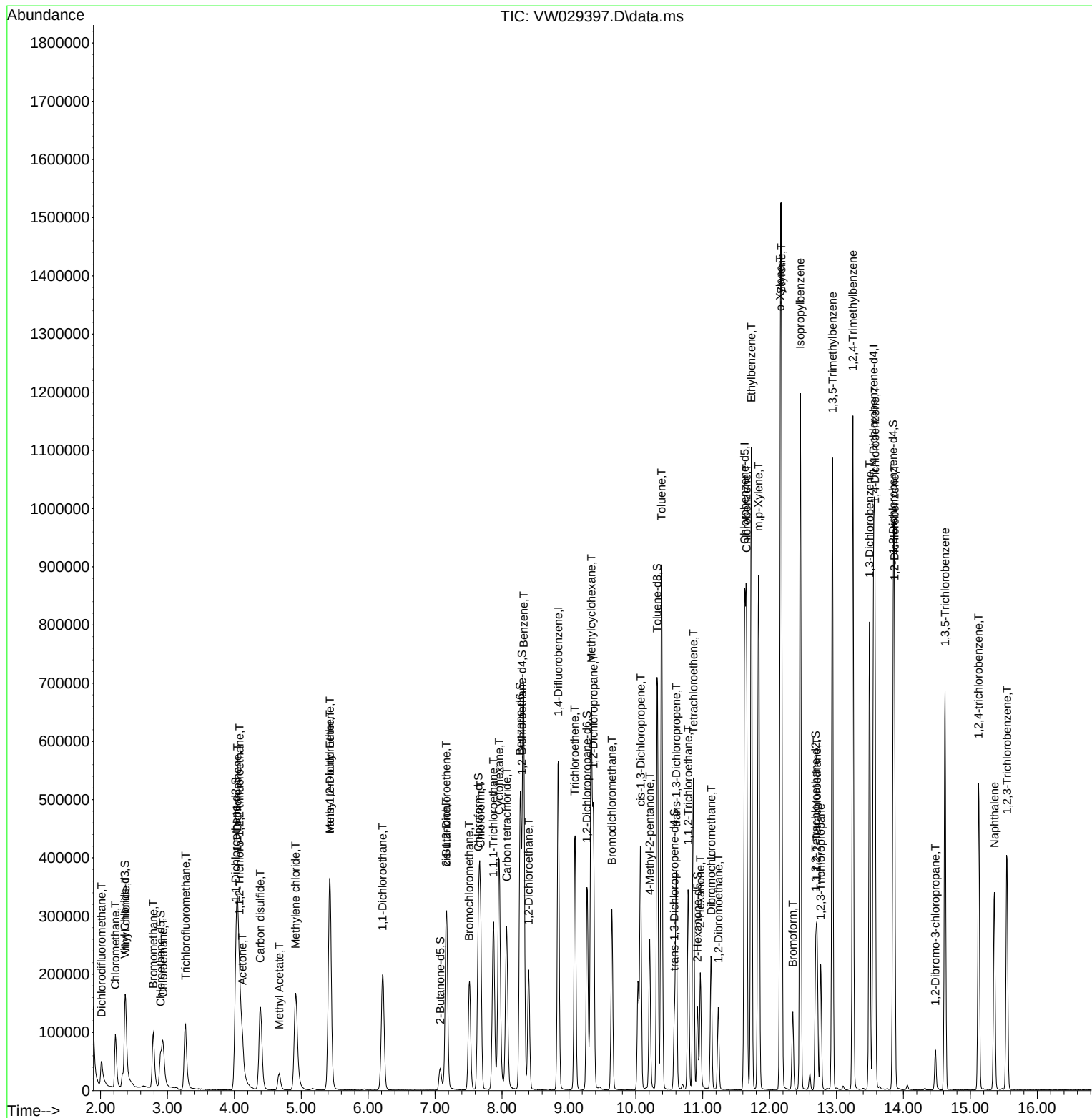
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	185684	20.850	ug/L	100
29) Cyclohexane	7.959	56	235388	25.404	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	230008	25.520	ug/L	97
31) Carbon tetrachloride	8.069	117	209497	25.445	ug/L	95
33) Benzene	8.325	78	600974	24.677	ug/L	100
34) Trichloroethene	9.087	95	157586	24.254	ug/L	94
35) Methylcyclohexane	9.337	83	252677	24.728	ug/L	98
37) 1,2-Dichloropropane	9.367	63	166653	24.353	ug/L	99
38) Bromodichloromethane	9.642	83	200951	24.018	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	243712	25.194	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	171726	40.488	ug/L	98
42) Toluene	10.386	91	633467	25.302	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	194880	23.859	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103533	21.723	ug/L	96
46) Tetrachloroethene	10.861	164	112780	24.831	ug/L	93
48) 2-Hexanone	10.965	43	130438	43.340	ug/L	98
49) Dibromochloromethane	11.129	129	114006	22.883	ug/L	97
50) 1,2-Dibromoethane	11.233	107	89576	20.938	ug/L	94
51) Chlorobenzene	11.654	112	391131	24.058	ug/L	97
52) Ethylbenzene	11.727	91	730952	25.720	ug/L	97
53) m,p-Xylene	11.837	106	265622	25.589	ug/L	93
54) o-Xylene	12.160	106	257886	26.582	ug/L	99
55) Styrene	12.178	104	443367	26.211	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	119338	20.243	ug/L	97
59) Bromoform	12.349	173	58474	22.871	ug/L	95
60) Isopropylbenzene	12.458	105	717899	28.882	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	85871	21.104	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	545765	30.317	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	573868	29.629	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	297652	27.671	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	299501	26.169	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259604	26.106	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	18113	19.076	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	193087	26.597	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	158101	26.865	ug/L	95
71) Naphthalene	15.360	128	271209	23.350	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	127685	23.812	ug/L	99

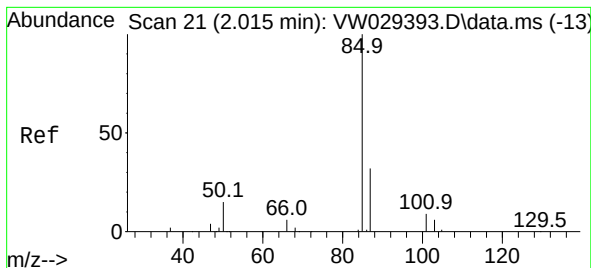
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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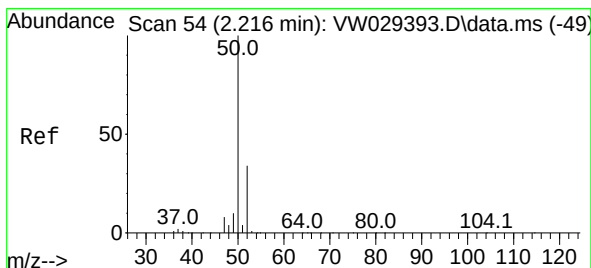
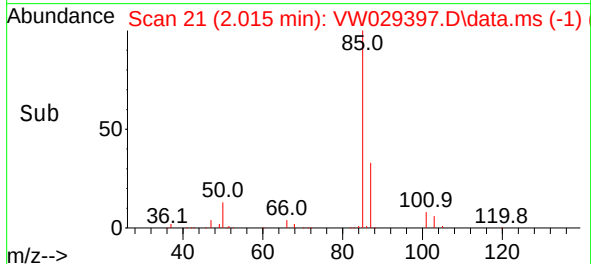
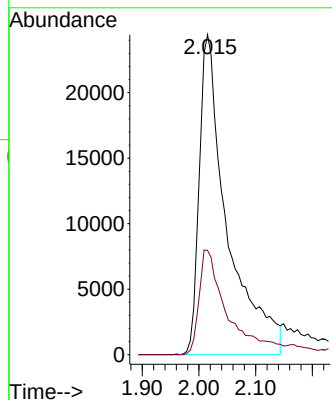
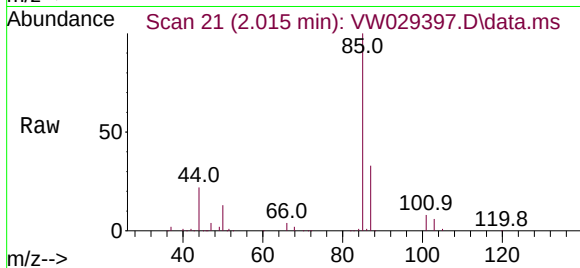




#2
Dichlorodifluoromethane
Concen: 19.224 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

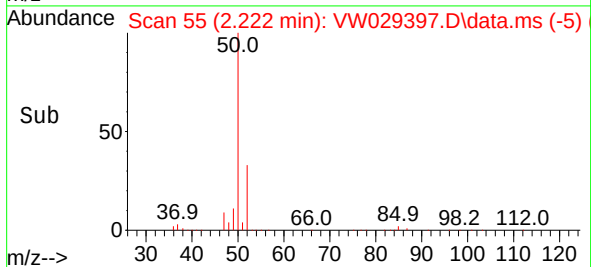
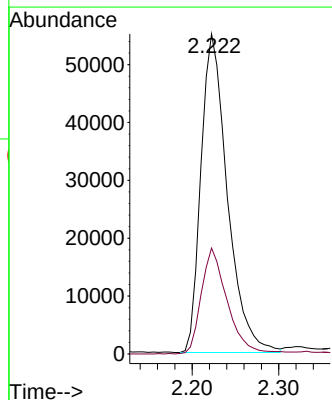
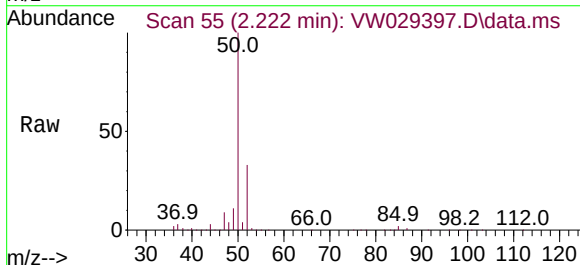
Instrument :
MSVOA_W
ClientSampleId :

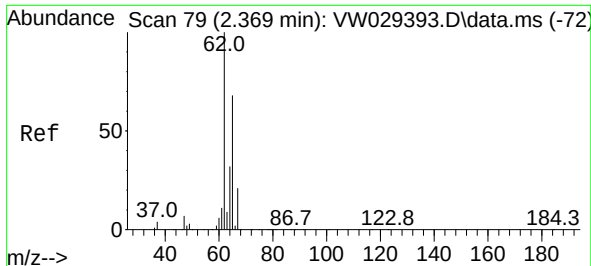
Tgt Ion: 85 Resp: 83451
Ion Ratio Lower Upper
85 100
87 29.1 23.8 35.6



#3
Chloromethane
Concen: 18.846 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

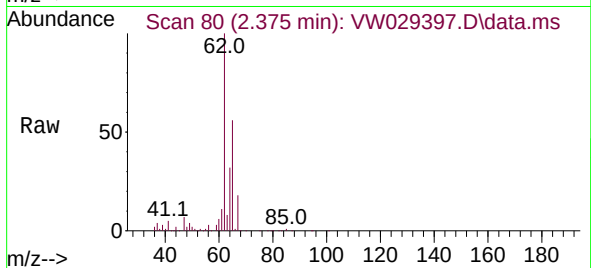
Tgt Ion: 50 Resp: 116652
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.5



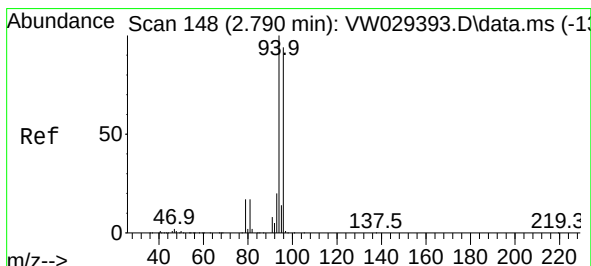
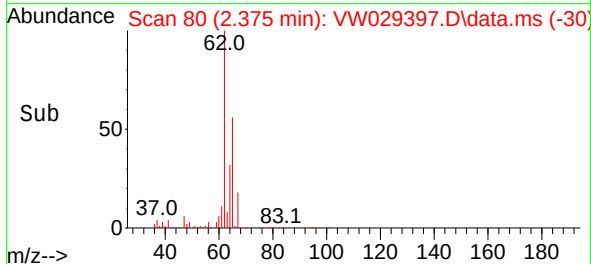
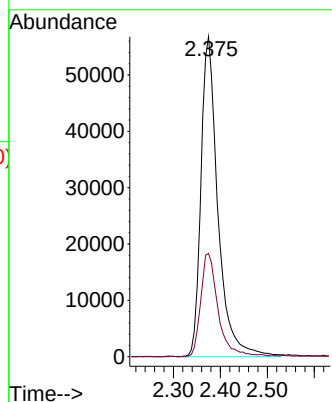


#5
 Vinyl chloride
 Concen: 20.028 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029397.D
 Acq: 28 Jun 2024 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

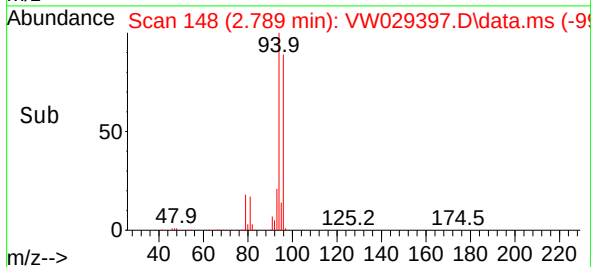
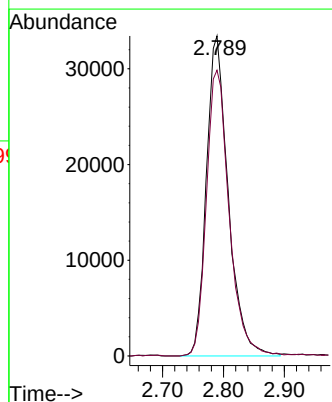
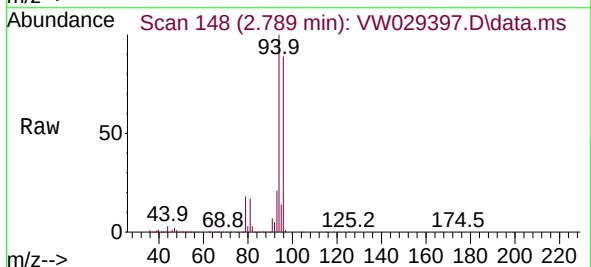


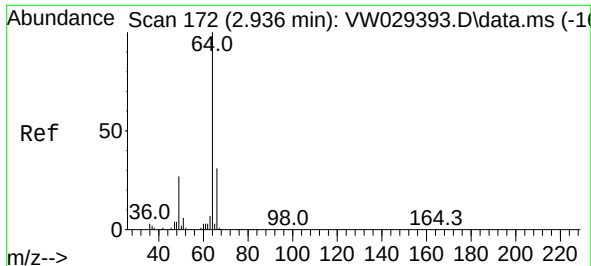
Tgt Ion: 62 Resp: 142365
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.0 40.8



#6
 Bromomethane
 Concen: 19.533 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029397.D
 Acq: 28 Jun 2024 14:47

Tgt Ion: 94 Resp: 83450
 Ion Ratio Lower Upper
 94 100
 96 89.3 69.5 129.1

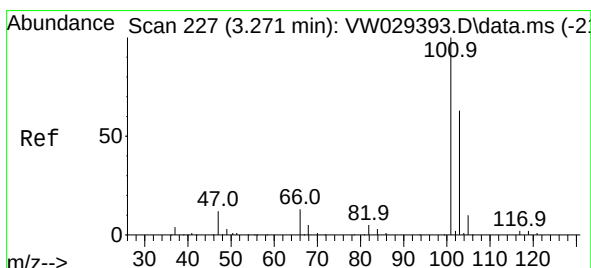
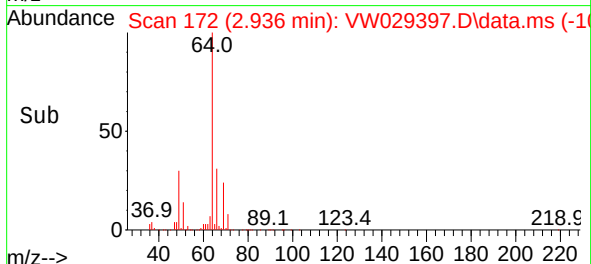
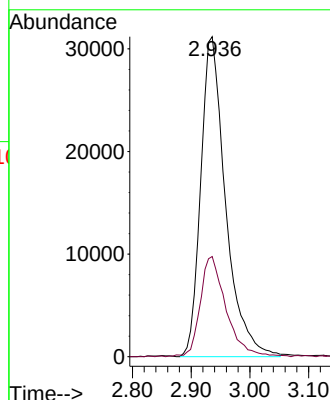
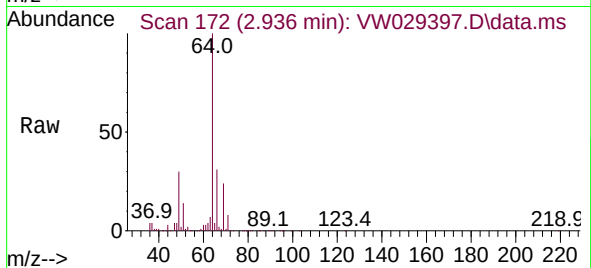




#8
Chloroethane
Concen: 21.091 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

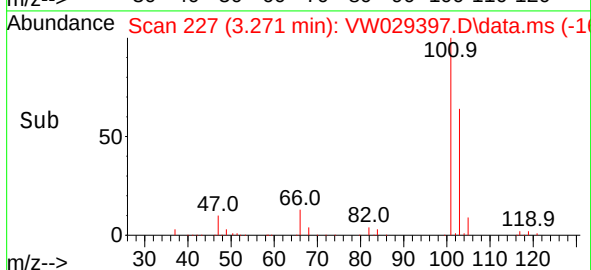
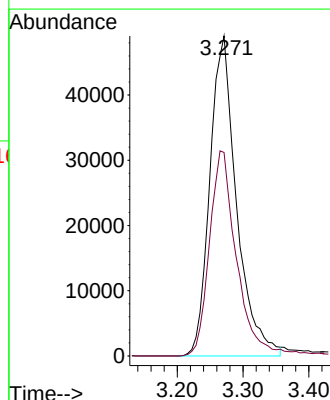
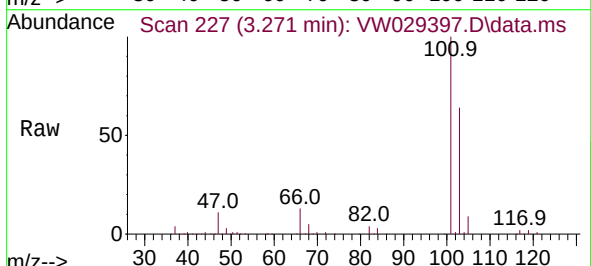
Instrument :
MSVOA_W
ClientSampleId :

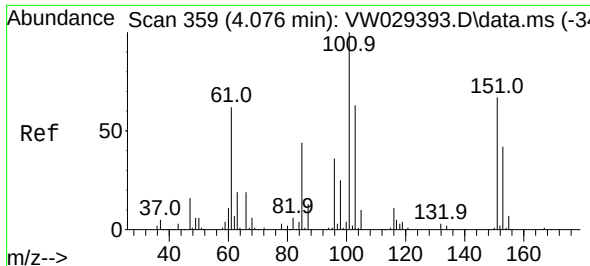
Tgt Ion: 64 Resp: 91698
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.108 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion:101 Resp: 138367
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2





#10

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

Concen: 22.436 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

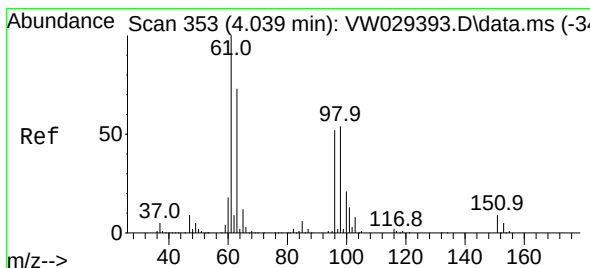
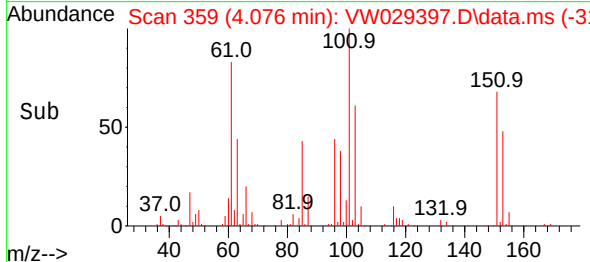
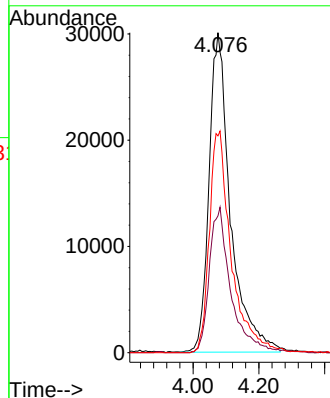
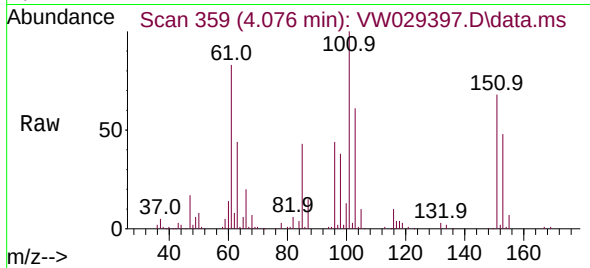
Tgt Ion:101 Resp: 136322

Ion Ratio Lower Upper

101 100

85 45.2 30.2 45.2

151 69.5 52.2 78.4



#12

1,1-Dichloroethene

Concen: 23.983 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

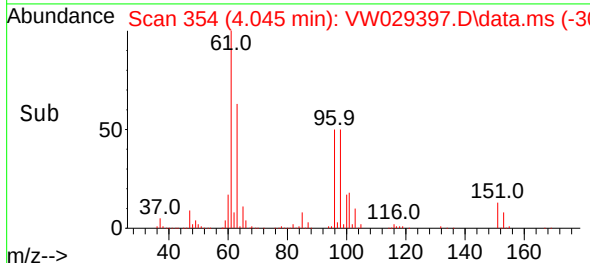
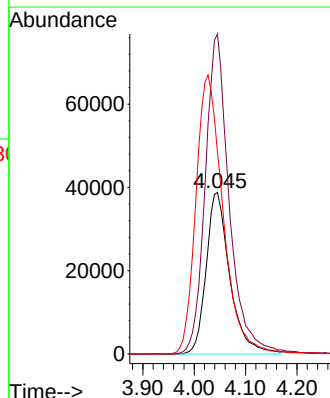
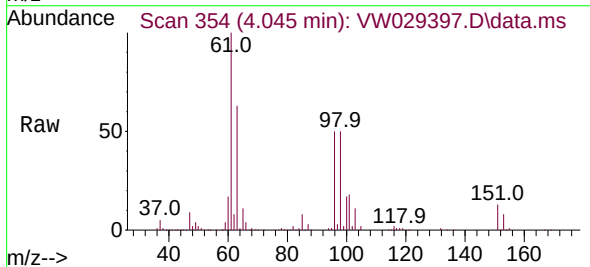
Tgt Ion: 96 Resp: 123651

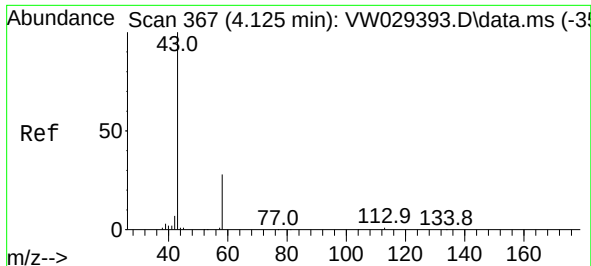
Ion Ratio Lower Upper

96 100

61 198.2 140.1 260.3

63 124.8 122.0 226.6

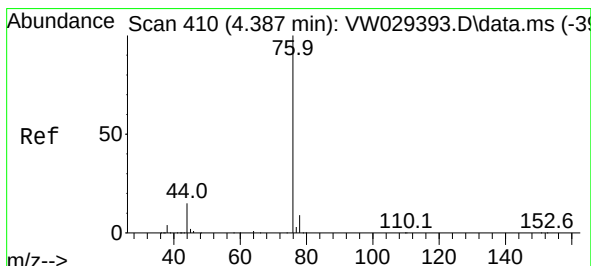
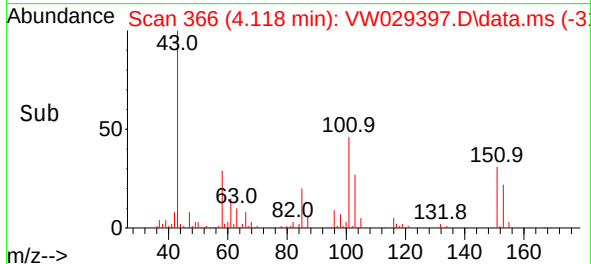
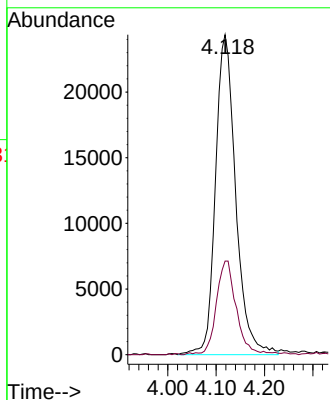
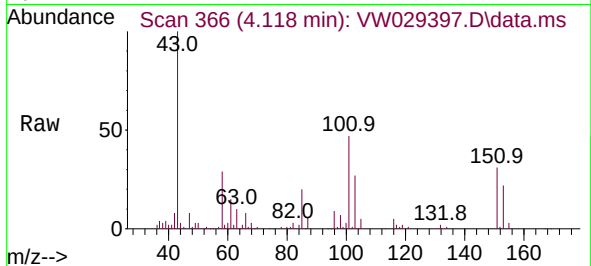




#13
Acetone
Concen: 45.206 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

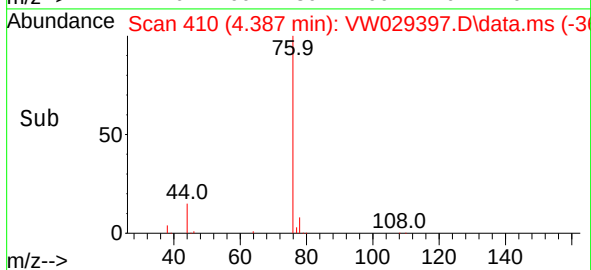
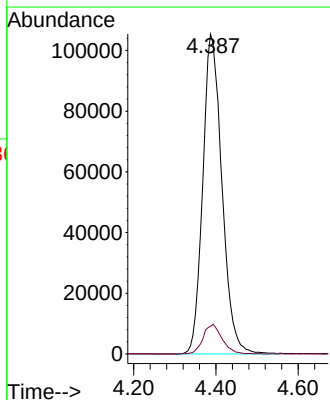
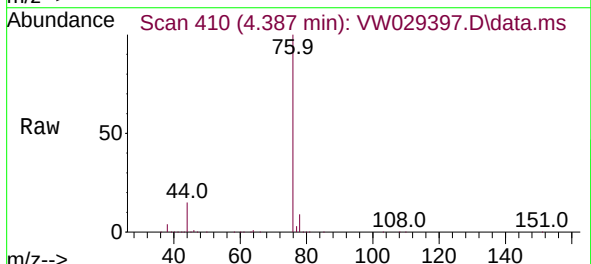
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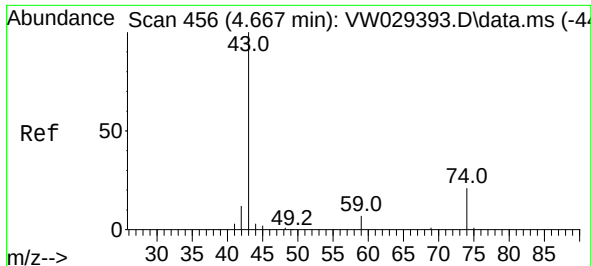
Tgt Ion: 43 Resp: 70787
Ion Ratio Lower Upper
43 100
58 27.9 0.0 61.4



#14
Carbon disulfide
Concen: 20.277 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 341272
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

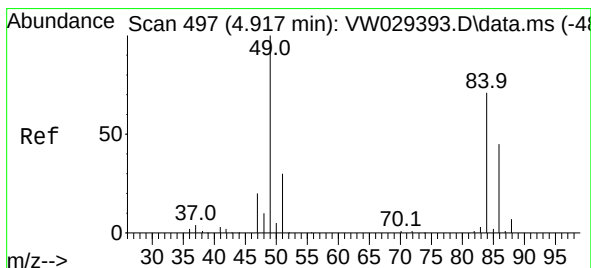
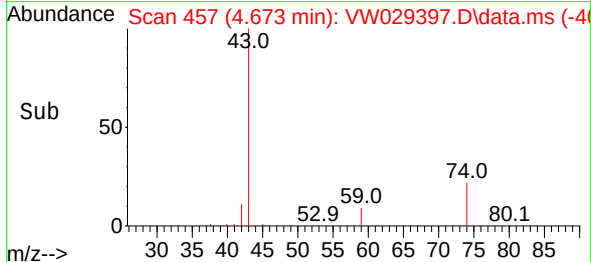
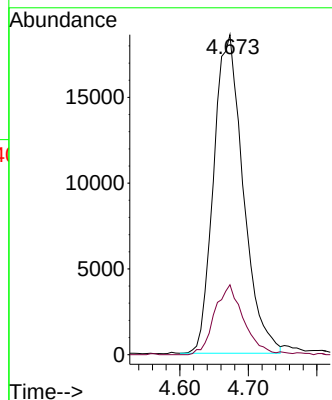
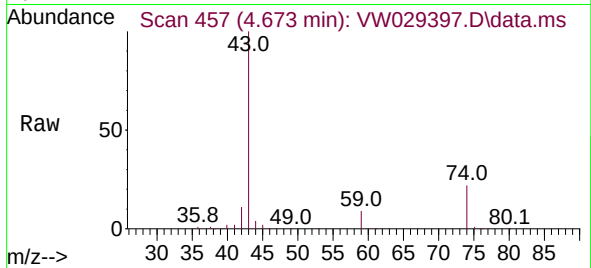




#15
Methyl Acetate
Concen: 17.916 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

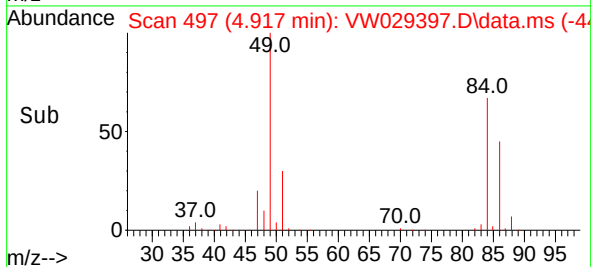
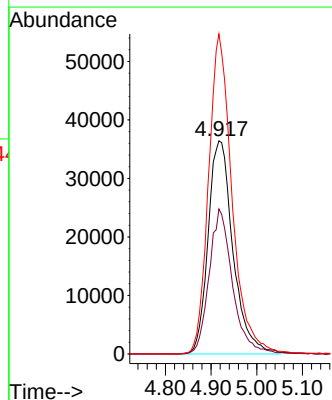
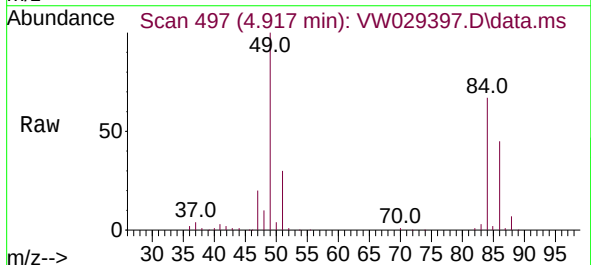
Instrument :
MSVOA_W
ClientSampleId :

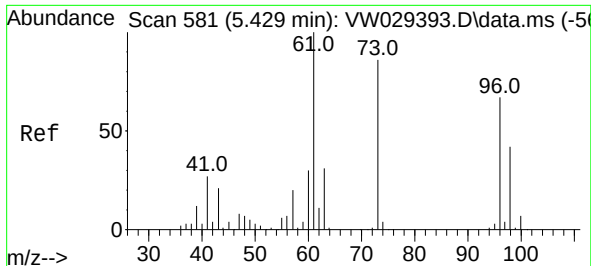
Tgt Ion: 43 Resp: 55695
Ion Ratio Lower Upper
43 100
74 21.4 16.6 25.0



#16
Methylene chloride
Concen: 17.627 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion: 84 Resp: 137910
Ion Ratio Lower Upper
84 100
86 68.0 41.4 77.0
49 150.1 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 23.306 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

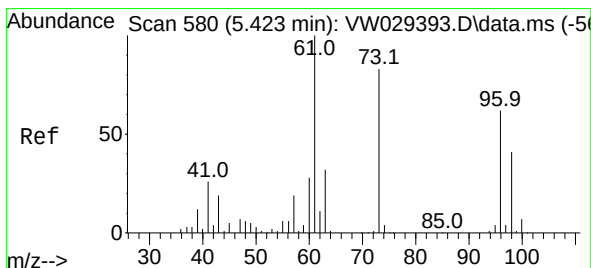
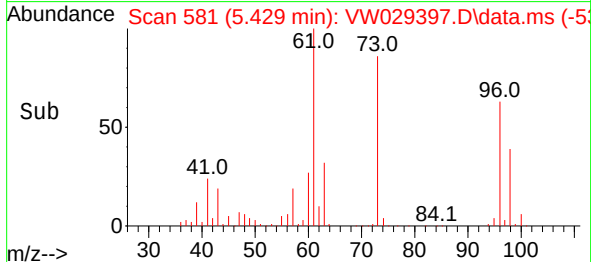
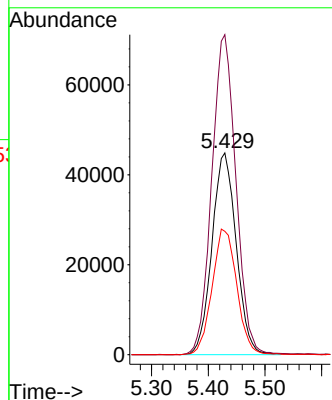
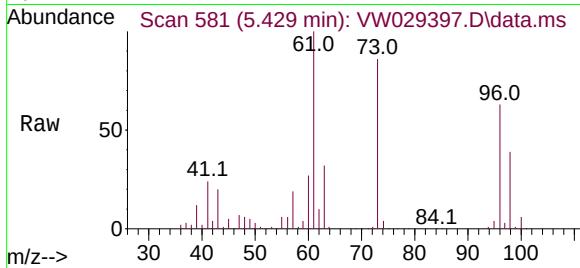
Tgt Ion: 96 Resp: 133442

Ion Ratio Lower Upper

96 100

61 158.5 101.5 188.5

98 61.1 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 23.040 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

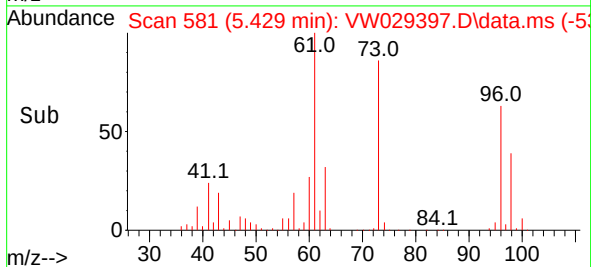
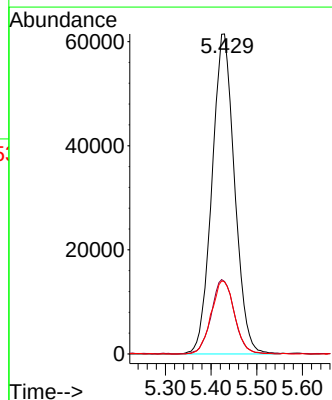
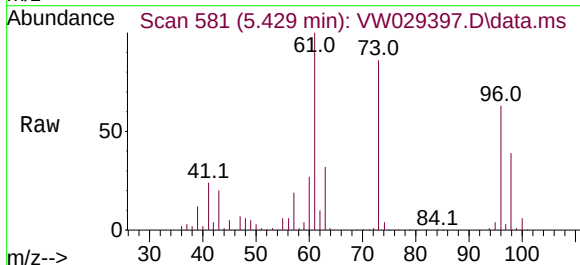
Tgt Ion: 73 Resp: 211054

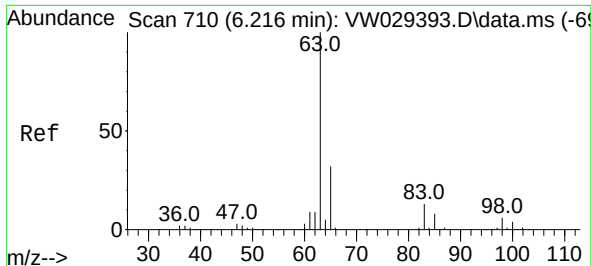
Ion Ratio Lower Upper

73 100

43 23.5 19.5 29.3

57 23.4 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.737 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

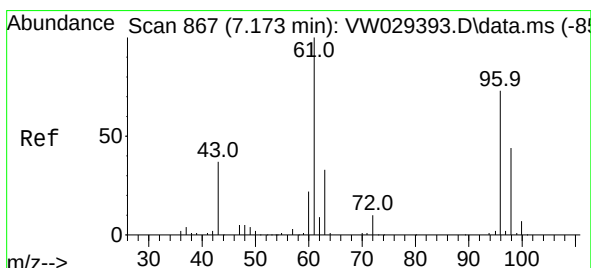
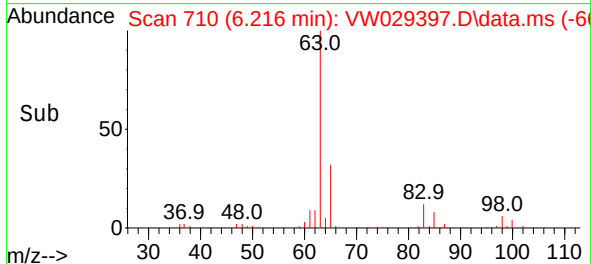
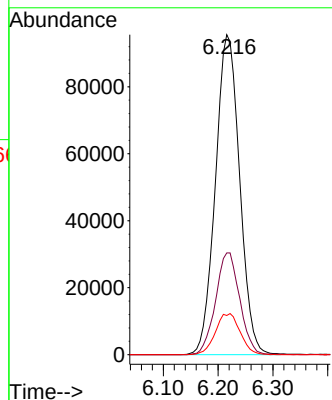
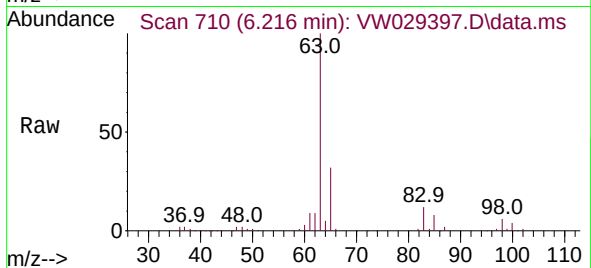
Tgt Ion: 63 Resp: 293533

Ion Ratio Lower Upper

63 100

65 31.8 23.4 43.4

83 12.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.896 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

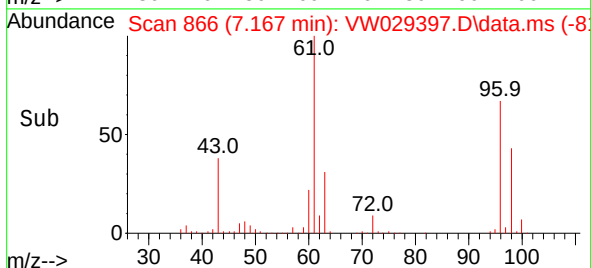
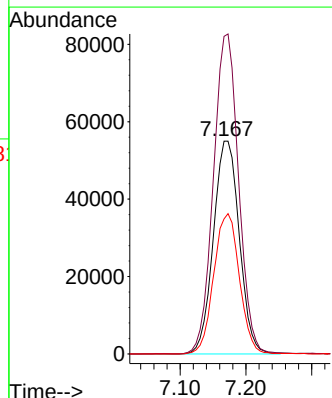
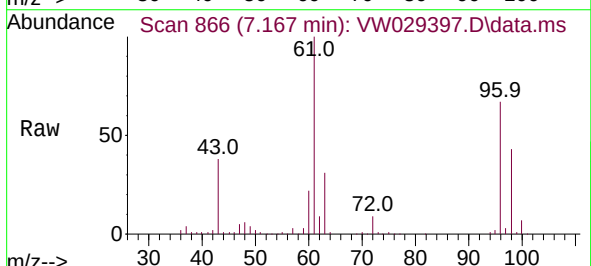
Tgt Ion: 96 Resp: 150878

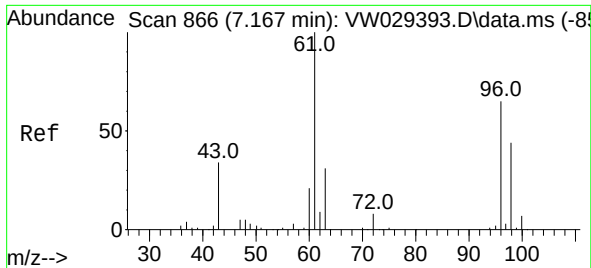
Ion Ratio Lower Upper

96 100

61 149.2 97.8 181.6

98 63.5 43.0 79.8

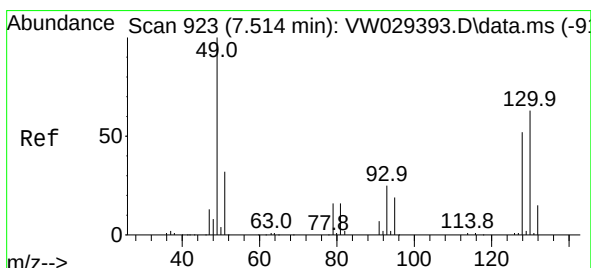
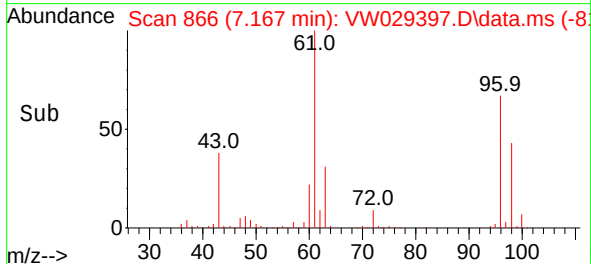
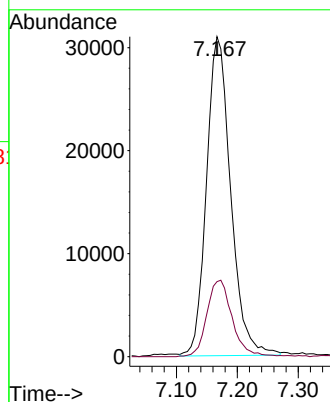
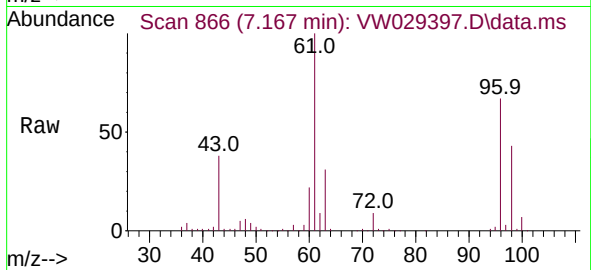




#22
2-Butanone
Concen: 39.831 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

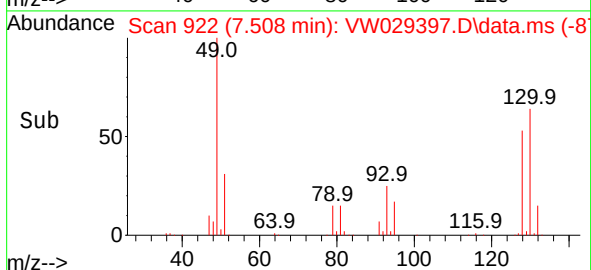
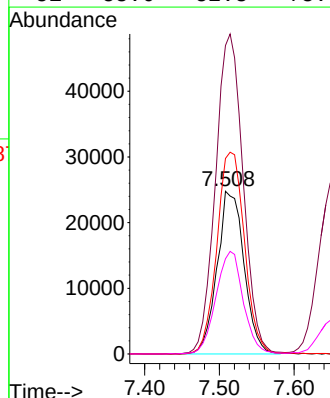
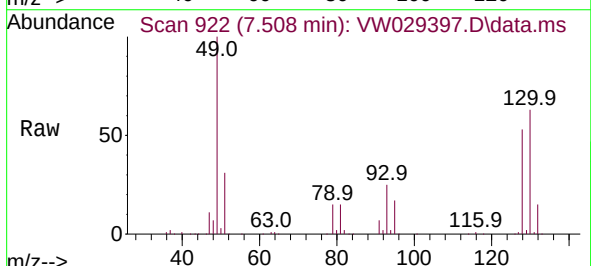
Instrument :
MSVOA_W
ClientSampleId :

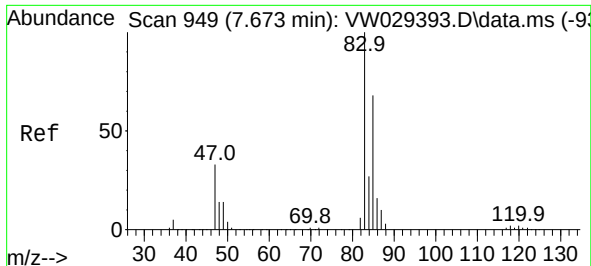
Tgt Ion: 43 Resp: 85497
Ion Ratio Lower Upper
43 100
72 25.0 11.9 35.7



#23
Bromochloromethane
Concen: 22.099 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion:128 Resp: 62115
Ion Ratio Lower Upper
128 100
49 189.6 142.6 264.8
130 120.1 79.7 148.1
51 58.6 52.3 78.5





#25

Chloroform

Concen: 24.159 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

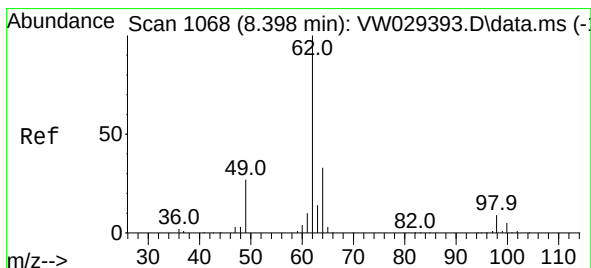
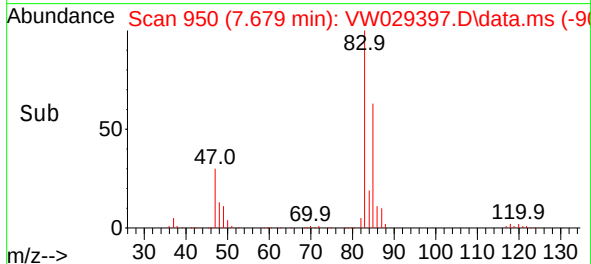
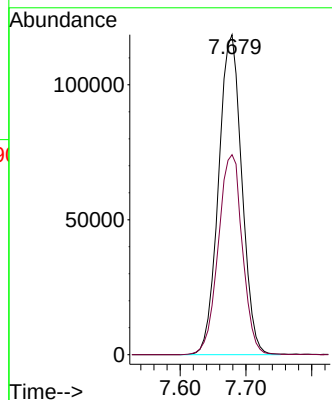
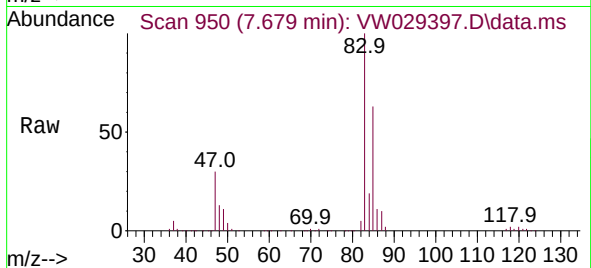
ClientSampleId :

Tgt Ion: 83 Resp: 291727

Ion Ratio Lower Upper

83 100

85 62.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 20.850 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029397.D

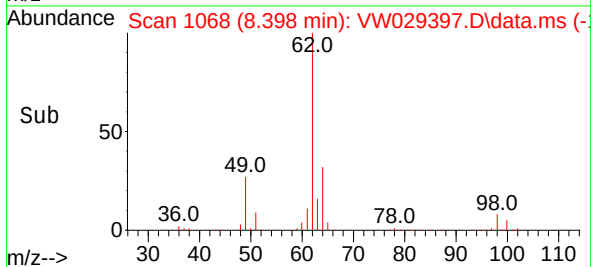
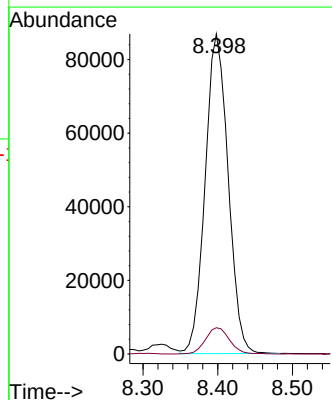
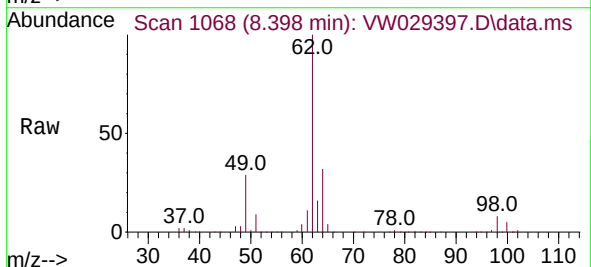
Acq: 28 Jun 2024 14:47

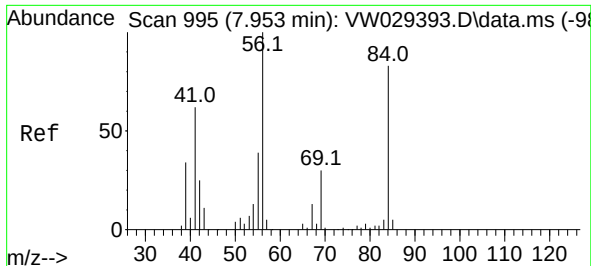
Tgt Ion: 62 Resp: 185684

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 25.404 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

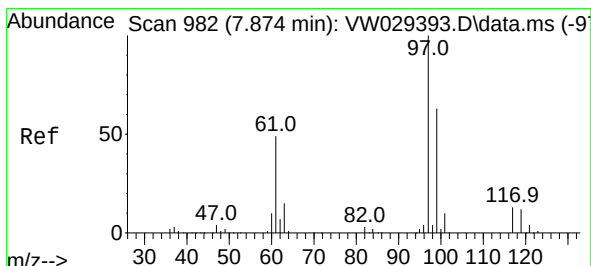
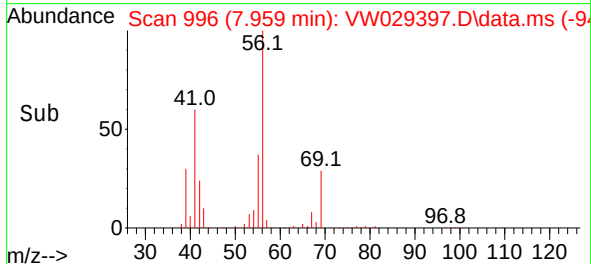
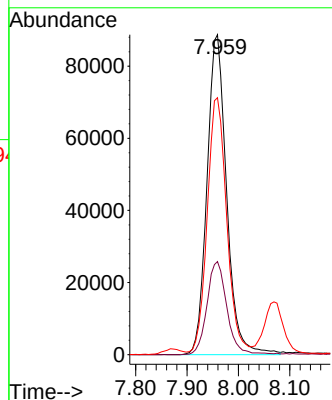
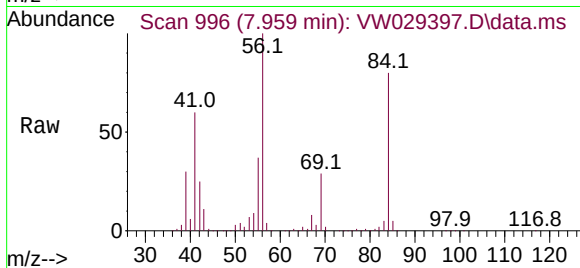
Tgt Ion: 56 Resp: 235388

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.1 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 25.520 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

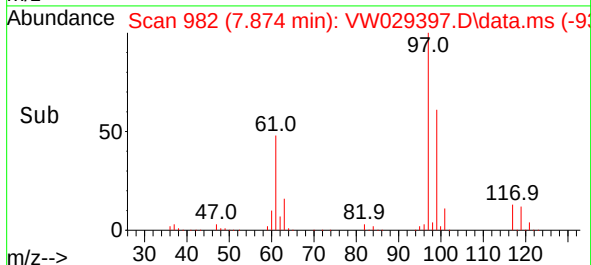
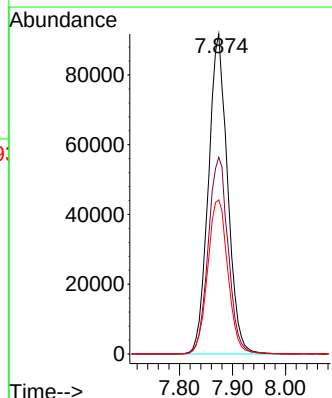
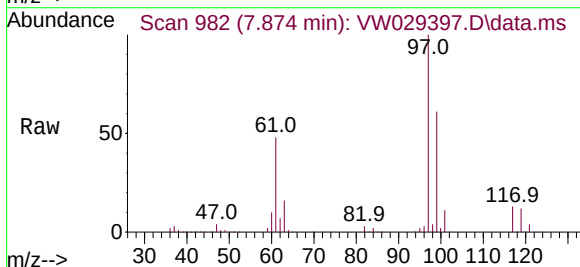
Tgt Ion: 97 Resp: 230008

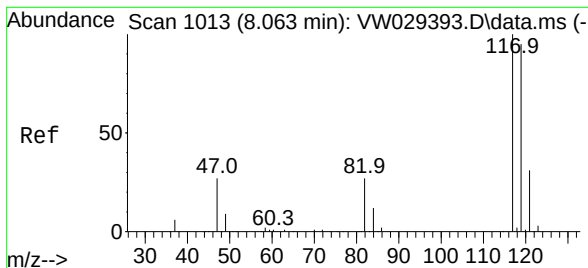
Ion Ratio Lower Upper

97 100

99 63.9 53.0 79.4

61 51.1 43.0 64.4





#31

Carbon tetrachloride

Concen: 25.445 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

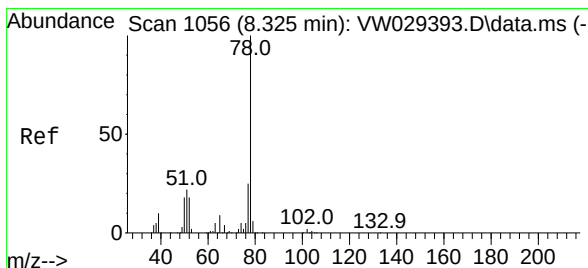
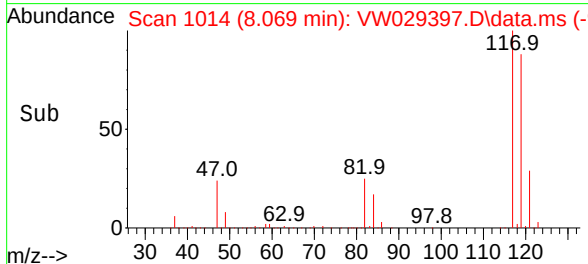
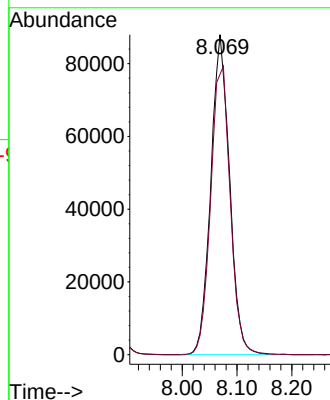
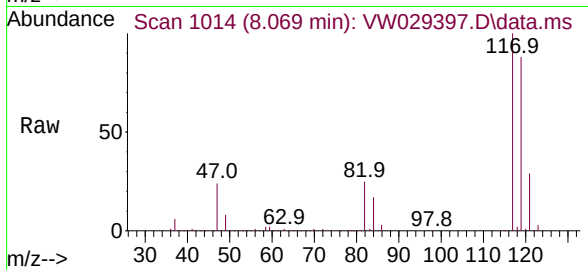
ClientSampleId :

Tgt Ion:117 Resp: 209497

Ion Ratio Lower Upper

117 100

119 94.0 79.0 118.4



#33

Benzene

Concen: 24.677 ug/L

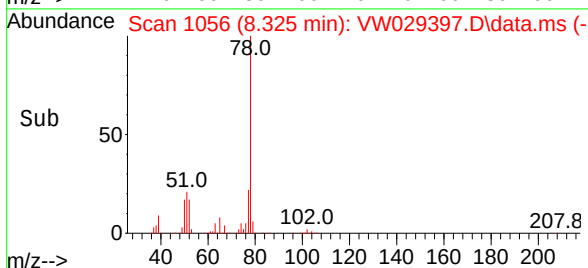
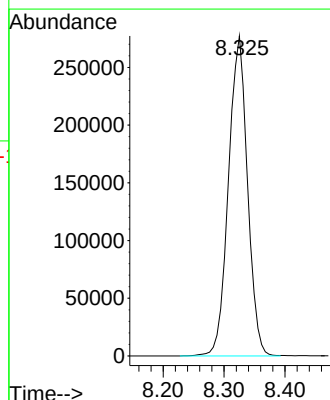
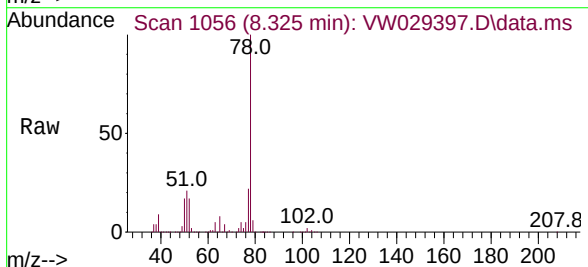
RT: 8.325 min Scan# 1056

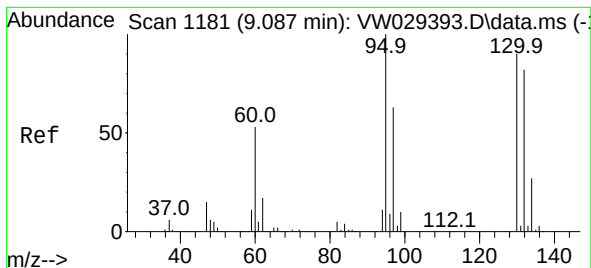
Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Tgt Ion: 78 Resp: 600974





#34

Trichloroethene

Concen: 24.254 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 157586

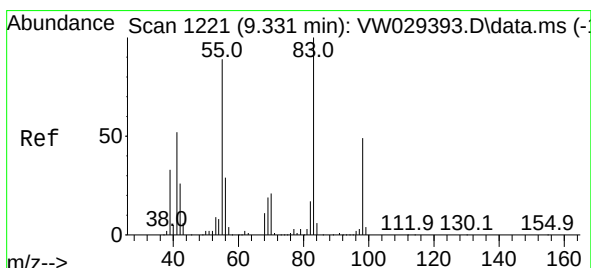
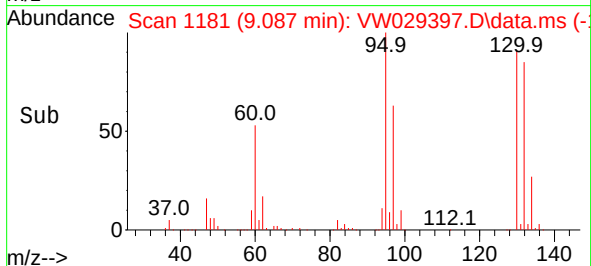
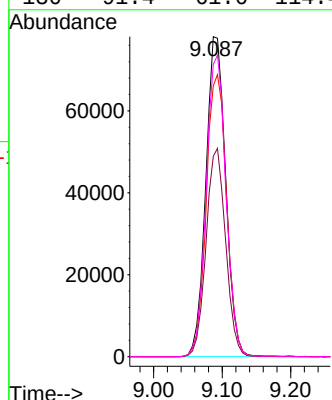
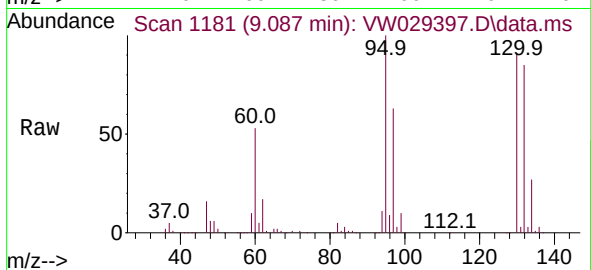
Ion Ratio Lower Upper

95 100

97 62.7 45.7 84.9

132 84.7 66.4 123.4

130 91.4 61.6 114.4



#35

Methylcyclohexane

Concen: 24.728 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

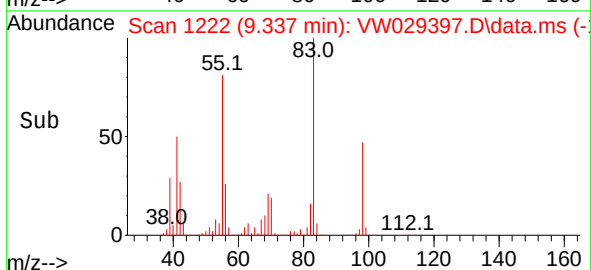
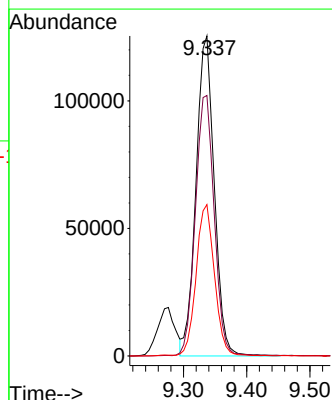
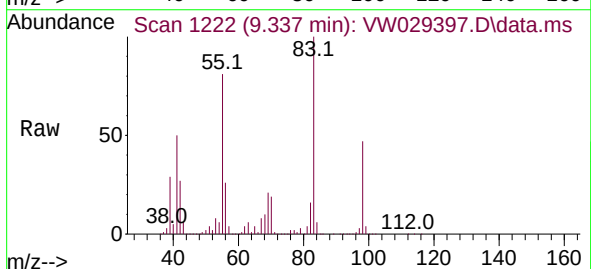
Tgt Ion: 83 Resp: 252677

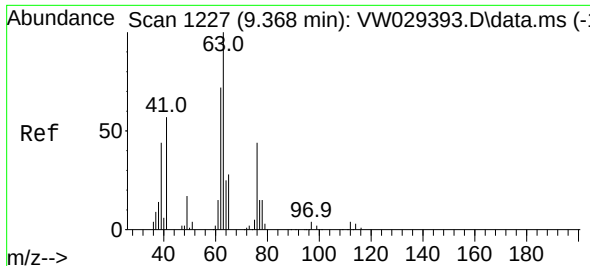
Ion Ratio Lower Upper

83 100

55 83.8 69.5 104.3

98 47.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.353 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

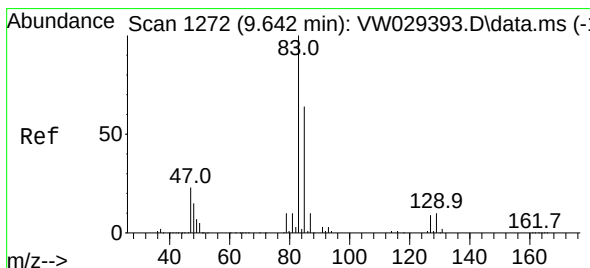
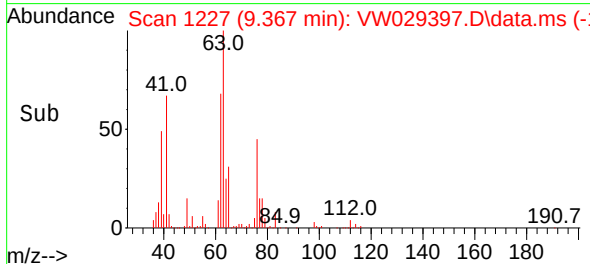
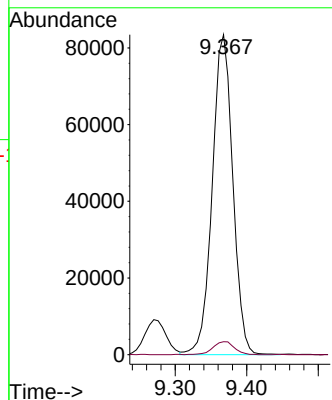
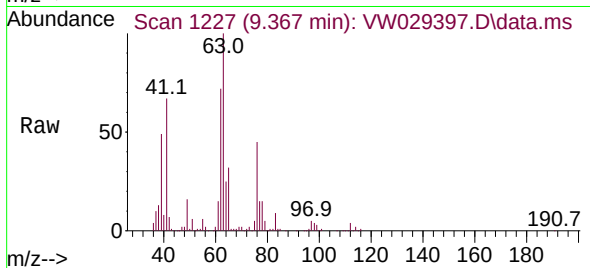
ClientSampleId :

Tgt Ion: 63 Resp: 166653

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 24.018 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

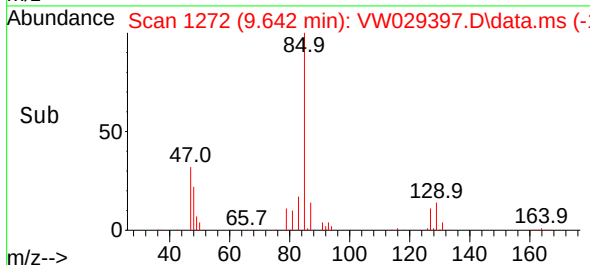
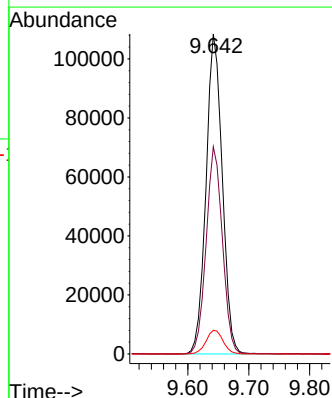
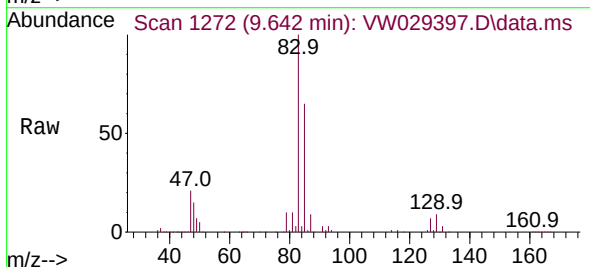
Tgt Ion: 83 Resp: 200951

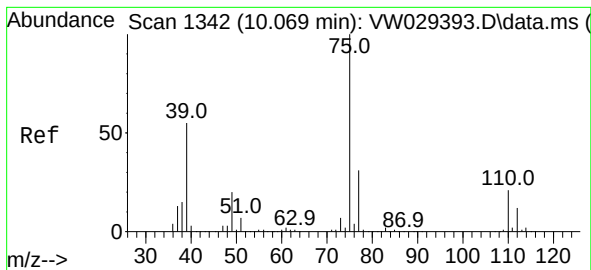
Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9

127 7.4 5.8 8.6

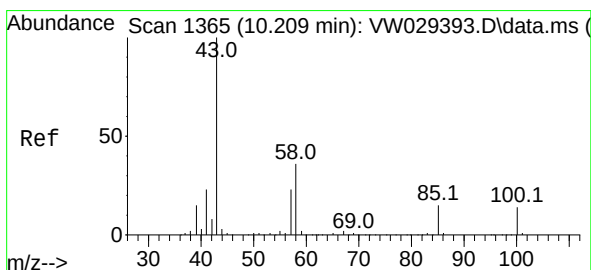
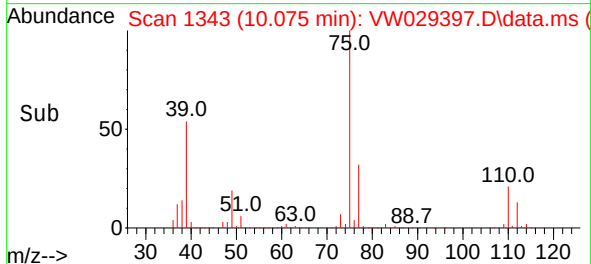
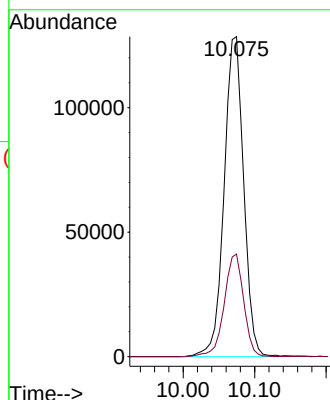
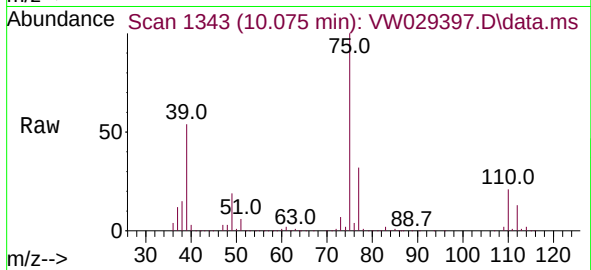




#39
cis-1,3-Dichloropropene
Concen: 25.194 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

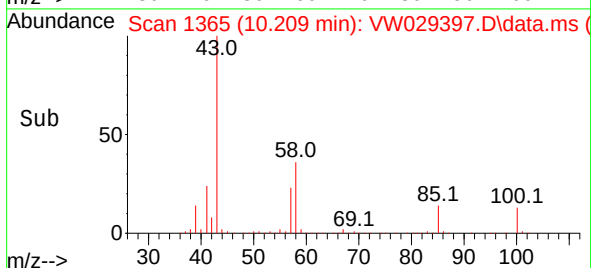
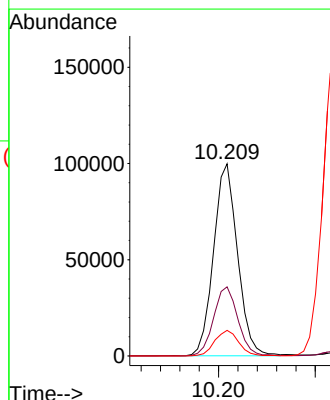
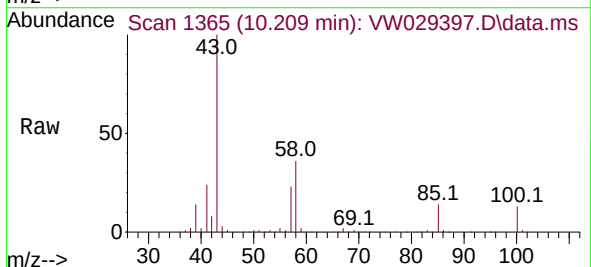
Instrument :
MSVOA_W
ClientSampleId :

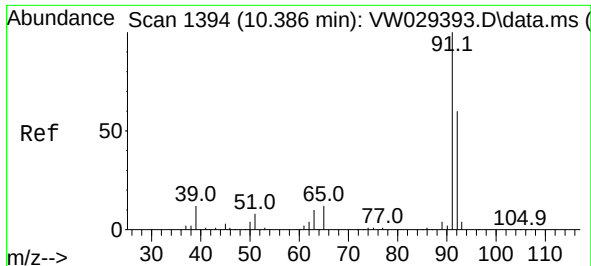
Tgt Ion: 75 Resp: 243712
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 40.488 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion: 43 Resp: 171726
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.4
100 13.3 11.0 16.4





#42

Toluene

Concen: 25.302 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

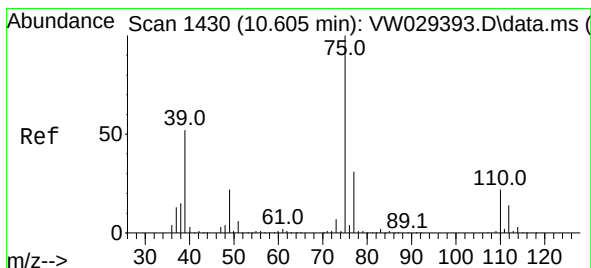
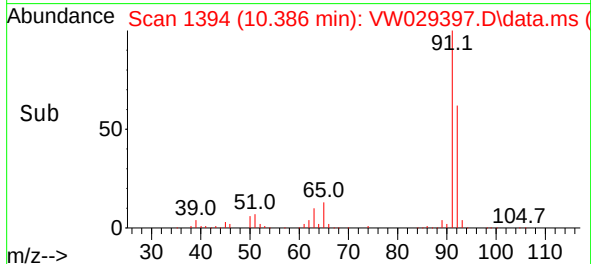
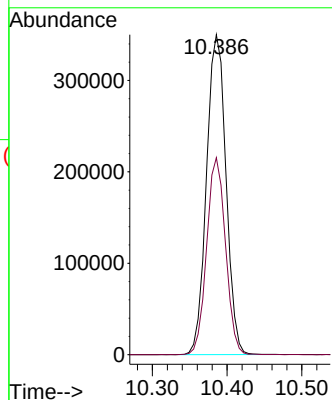
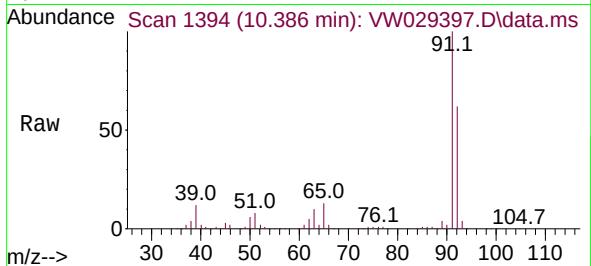
ClientSampleId :

Tgt Ion: 91 Resp: 633467

Ion Ratio Lower Upper

91 100

92 61.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.859 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029397.D

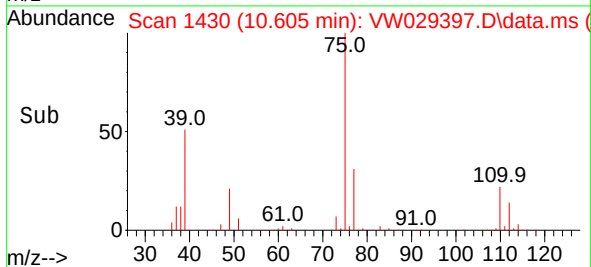
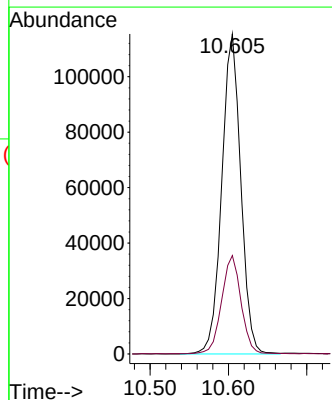
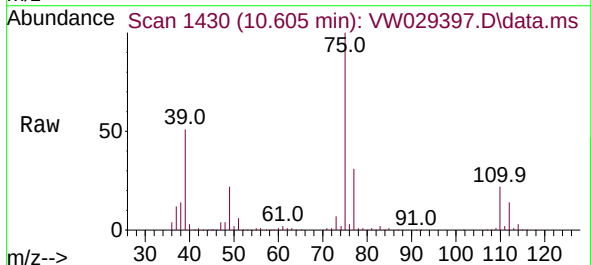
Acq: 28 Jun 2024 14:47

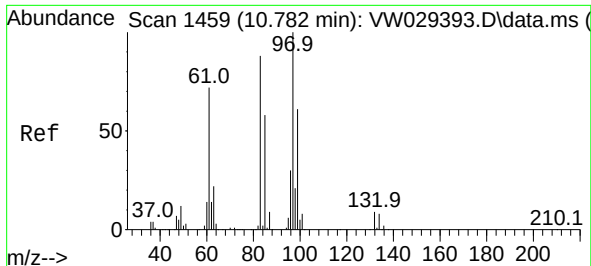
Tgt Ion: 75 Resp: 194880

Ion Ratio Lower Upper

75 100

77 30.8 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 21.723 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 103533

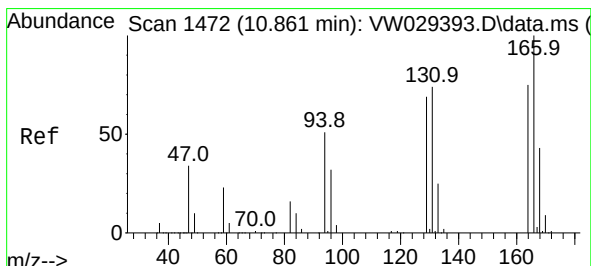
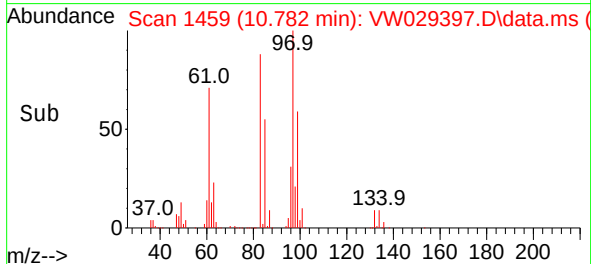
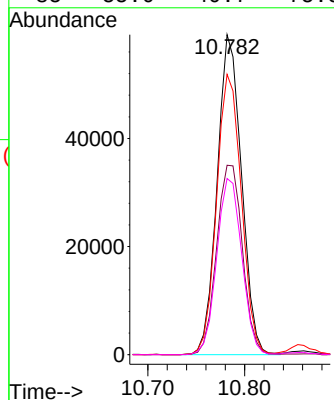
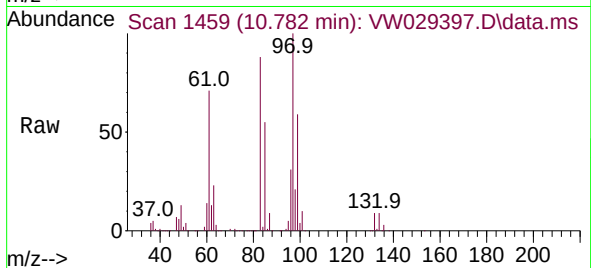
Ion Ratio Lower Upper

97 100

99 59.2 42.3 78.5

83 87.6 57.7 107.1

85 55.0 40.7 75.5



#46

Tetrachloroethene

Concen: 24.831 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Tgt Ion:164 Resp: 112780

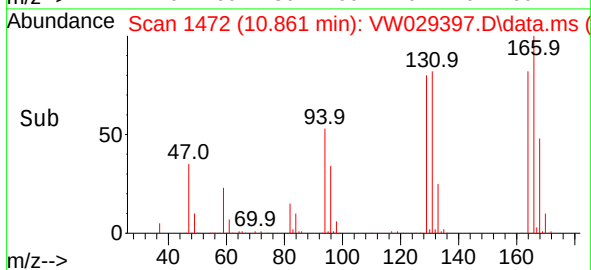
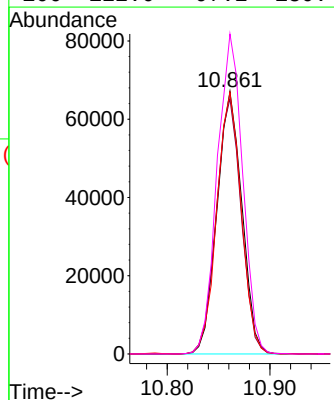
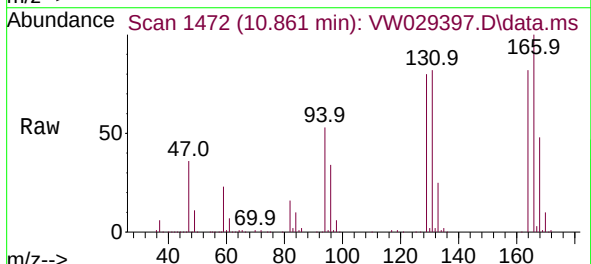
Ion Ratio Lower Upper

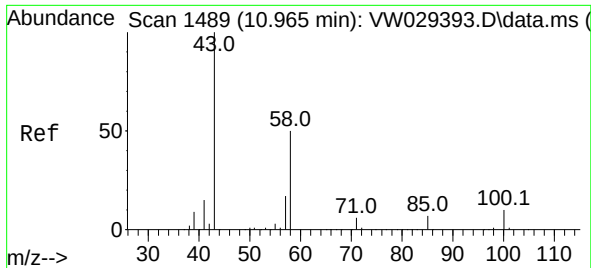
164 100

129 97.3 68.5 127.3

131 99.7 71.8 133.4

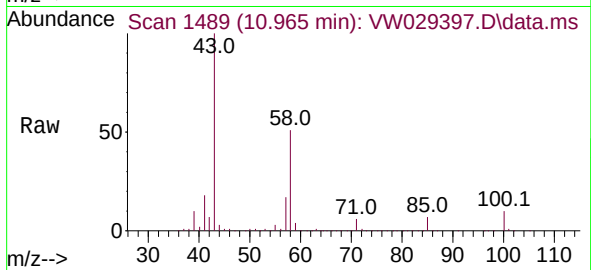
166 122.0 97.2 180.4





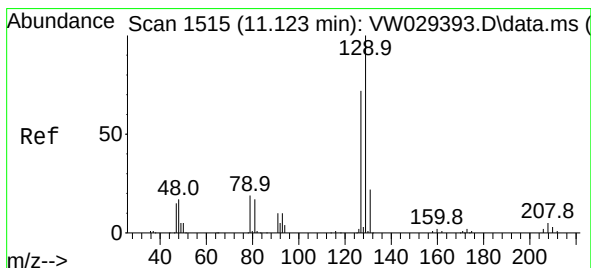
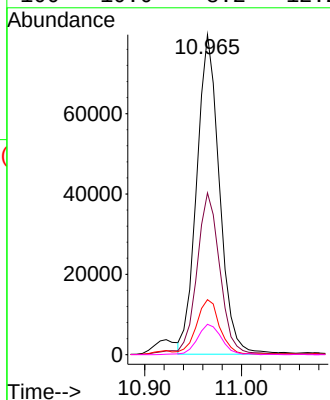
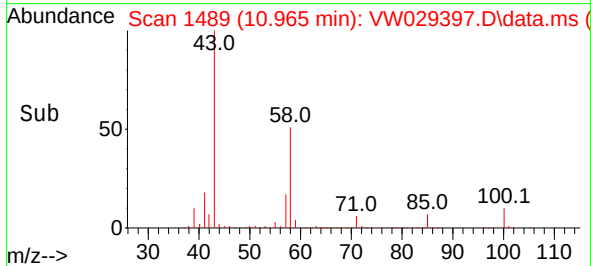
#48
2-Hexanone
Concen: 43.340 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 130438

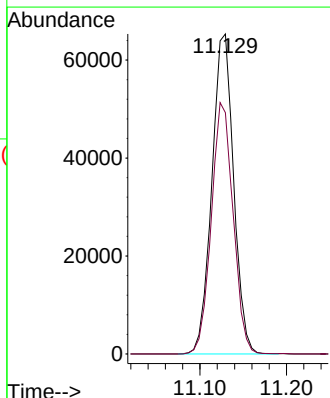
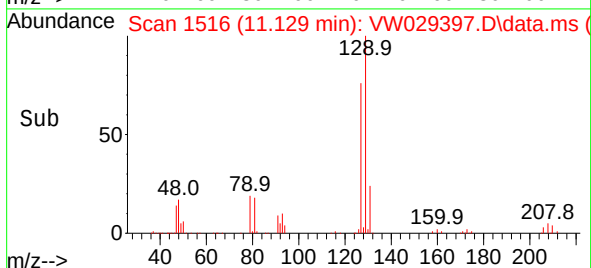
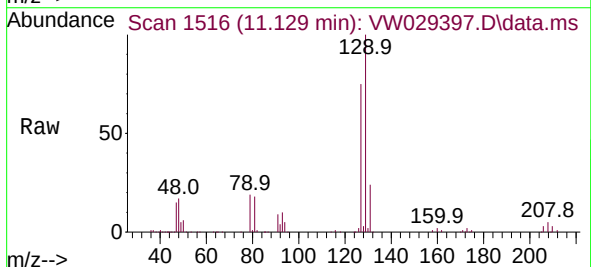
Ion	Ratio	Lower	Upper
43	100		
58	50.7	39.6	59.4
57	17.4	14.6	21.8
100	10.0	8.2	12.2

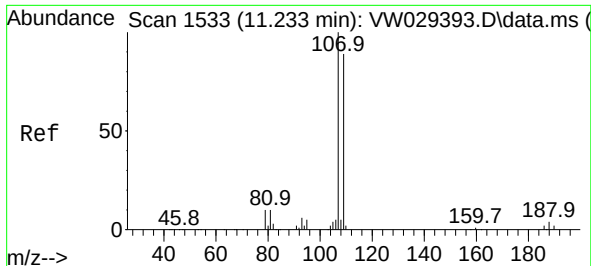


#49
Dibromochloromethane
Concen: 22.883 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion:129 Resp: 114006

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.8	101.8





#50

1,2-Dibromoethane

Concen: 20.938 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

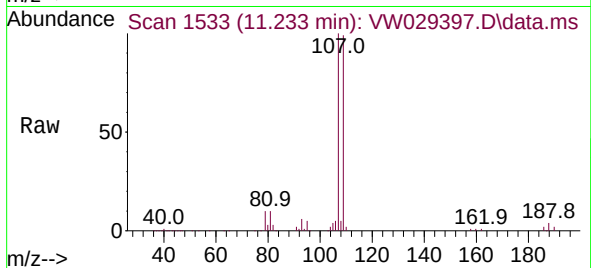
Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :



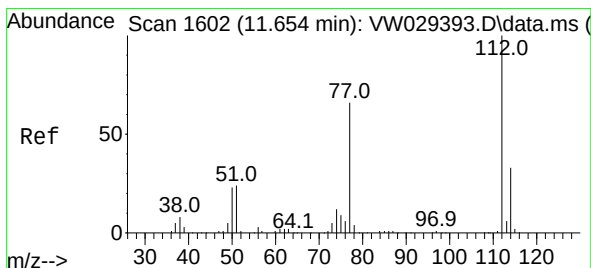
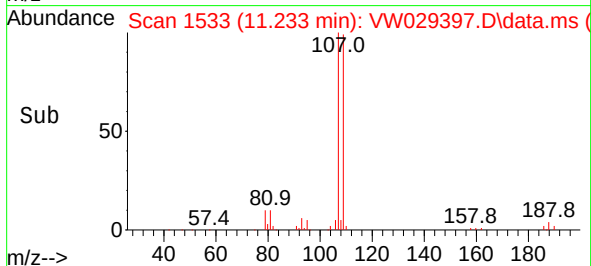
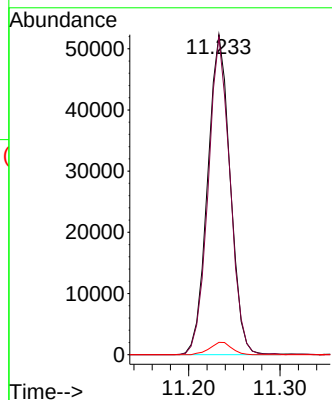
Tgt Ion:107 Resp: 89576

Ion Ratio Lower Upper

107 100

109 99.2 65.5 121.6

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 24.058 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

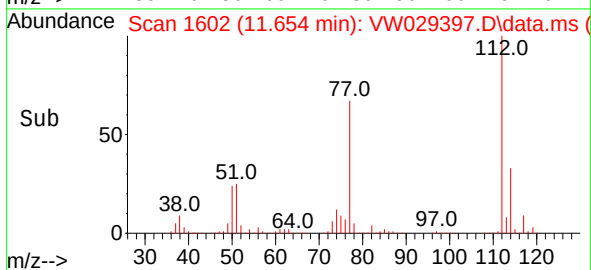
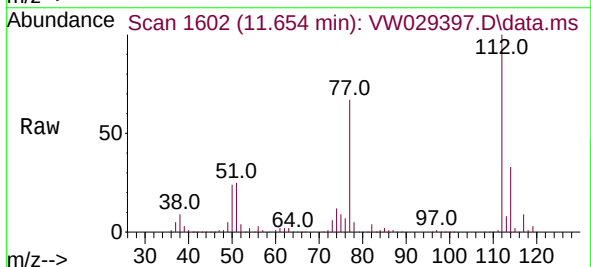
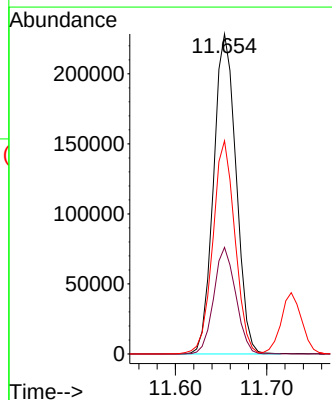
Tgt Ion:112 Resp: 391131

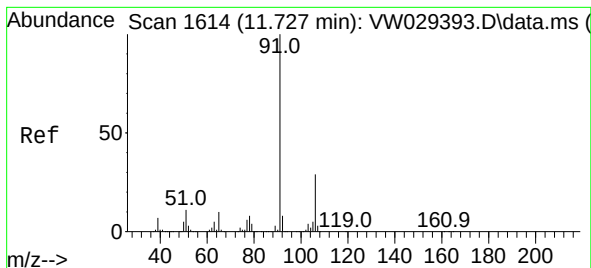
Ion Ratio Lower Upper

112 100

114 33.3 22.6 42.0

77 66.6 51.0 76.6





#52

Ethylbenzene

Concen: 25.720 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

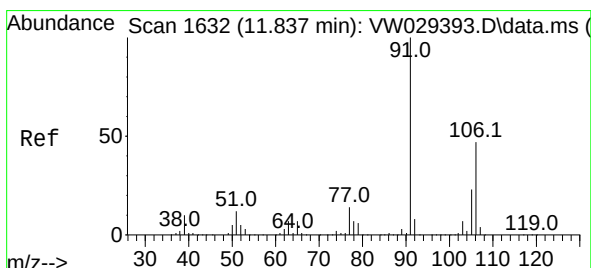
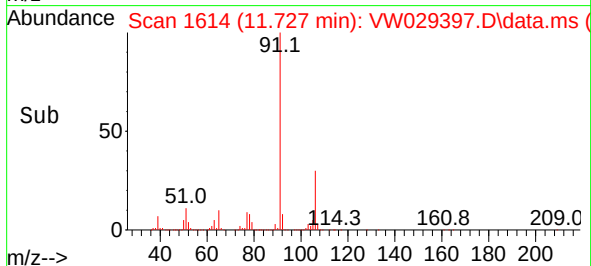
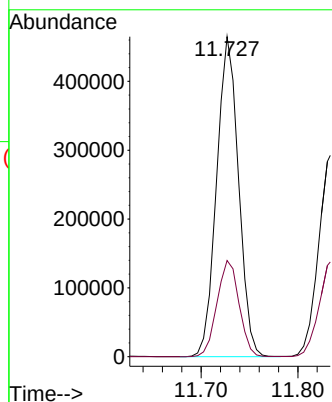
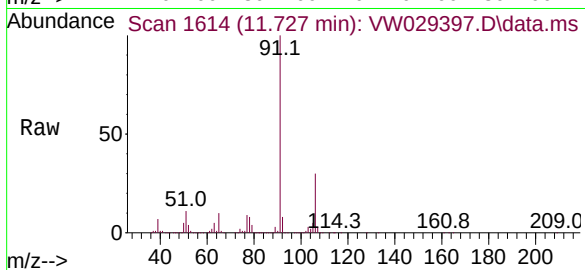
ClientSampleId :

Tgt Ion: 91 Resp: 730952

Ion Ratio Lower Upper

91 100

106 30.1 19.9 37.0



#53

m,p-Xylene

Concen: 25.589 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029397.D

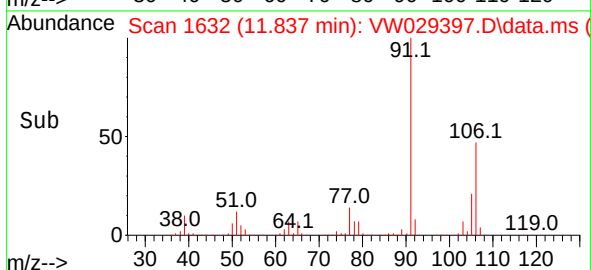
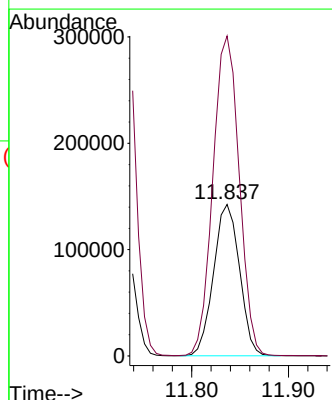
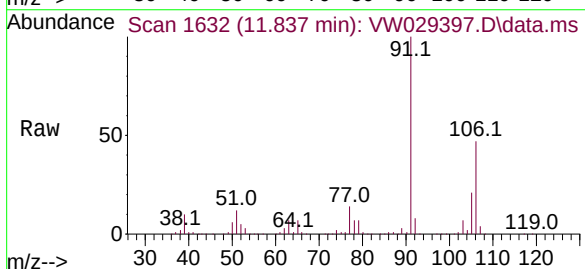
Acq: 28 Jun 2024 14:47

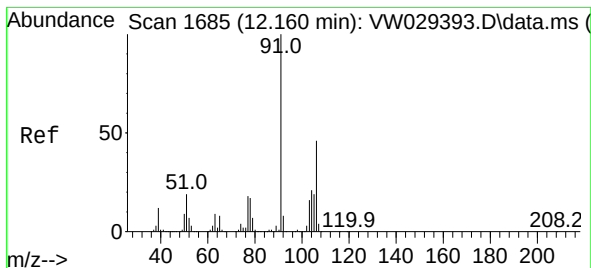
Tgt Ion:106 Resp: 265622

Ion Ratio Lower Upper

106 100

91 211.1 140.5 260.9





#54

o-Xylene

Concen: 26.582 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

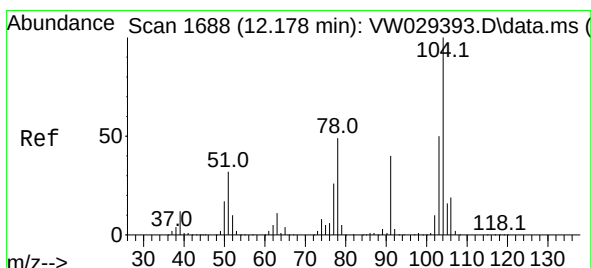
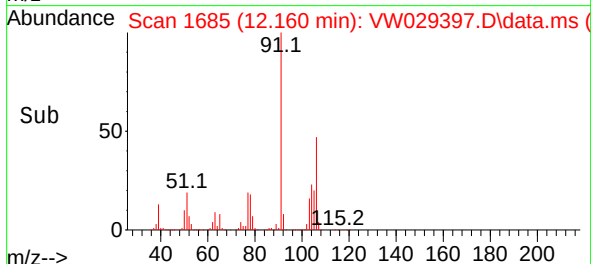
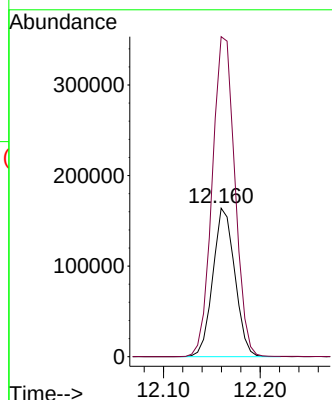
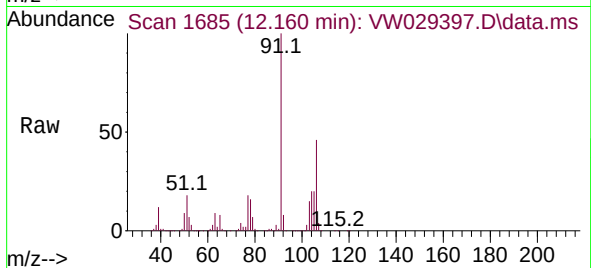
ClientSampleId :

Tgt Ion:106 Resp: 257886

Ion Ratio Lower Upper

106 100

91 215.5 149.9 278.5



#55

Styrene

Concen: 26.211 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029397.D

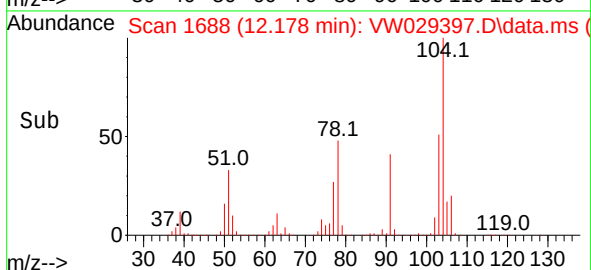
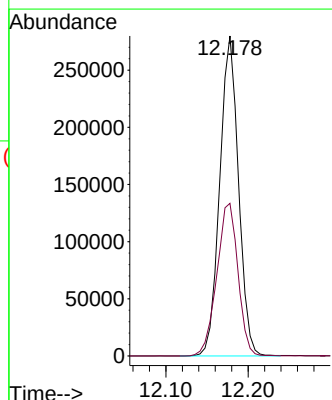
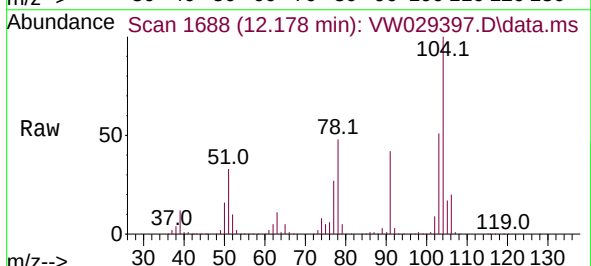
Acq: 28 Jun 2024 14:47

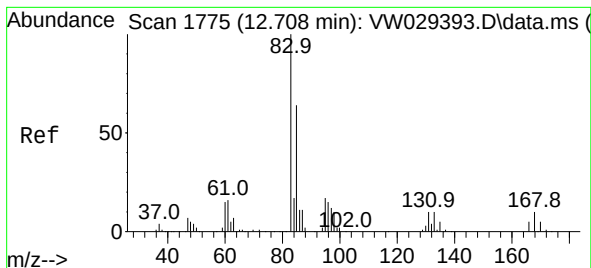
Tgt Ion:104 Resp: 443367

Ion Ratio Lower Upper

104 100

78 47.7 35.4 65.7

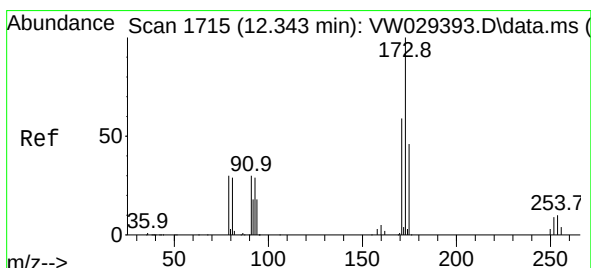
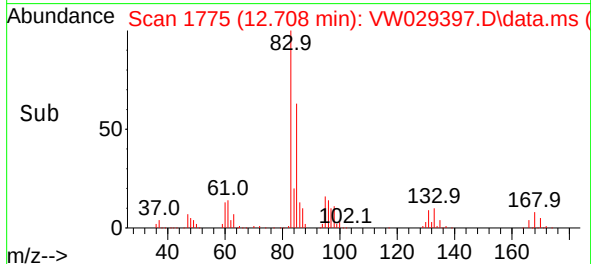
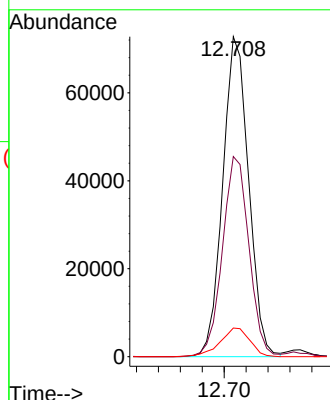
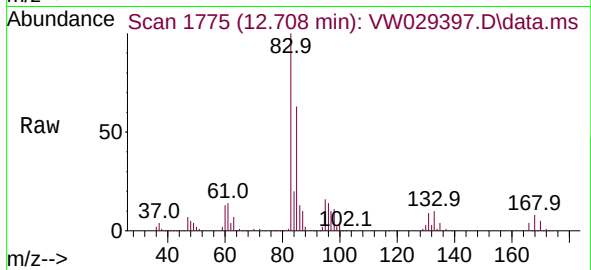




#57
1,1,2,2-Tetrachloroethane
Concen: 20.243 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

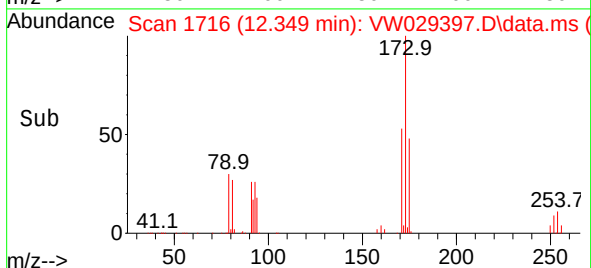
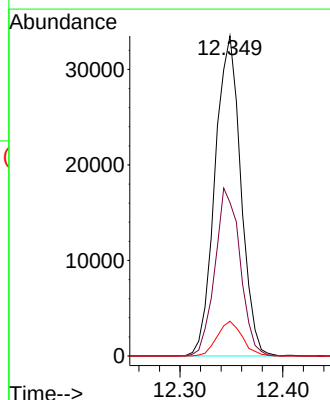
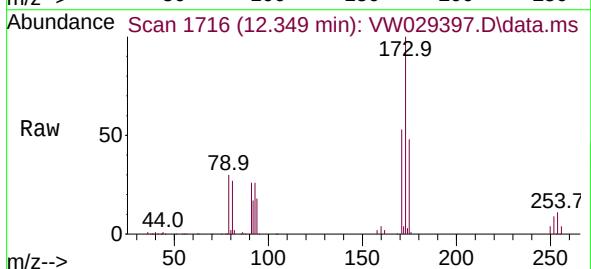
Instrument :
MSVOA_W
ClientSampleId :

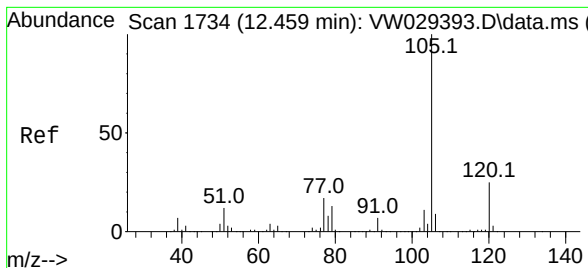
Tgt Ion: 83 Resp: 119338
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.0
131 9.0 7.8 11.6



#59
Bromoform
Concen: 22.871 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion:173 Resp: 58474
Ion Ratio Lower Upper
173 100
175 51.0 37.8 56.8
254 10.5 7.8 11.6





#60

Isopropylbenzene

Concen: 28.882 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :

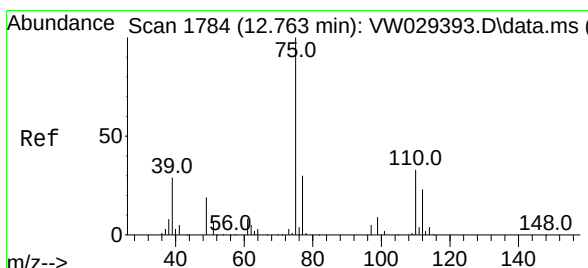
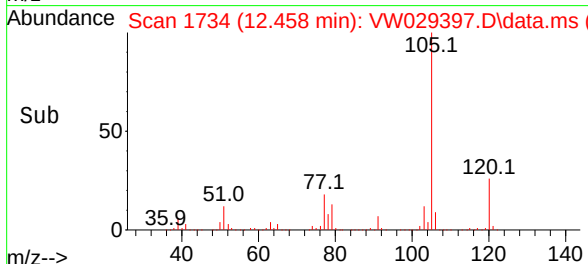
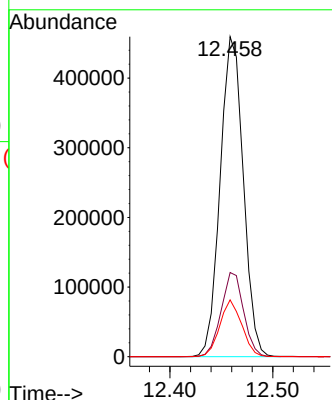
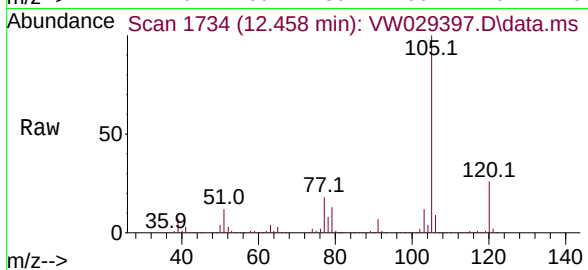
Tgt Ion:105 Resp: 717899

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 21.104 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

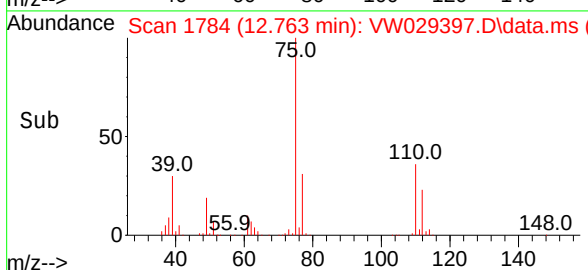
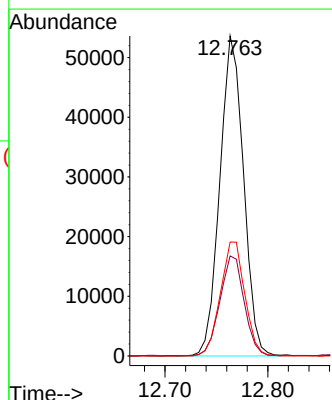
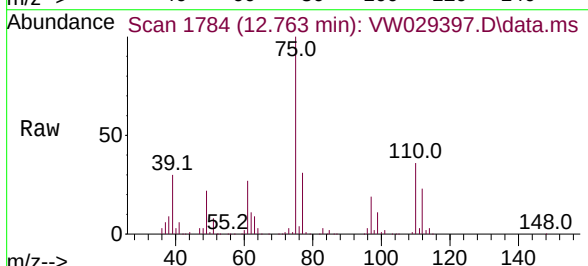
Tgt Ion: 75 Resp: 85871

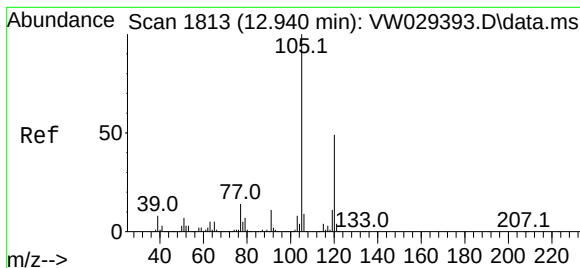
Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

110 36.7 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 30.317 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

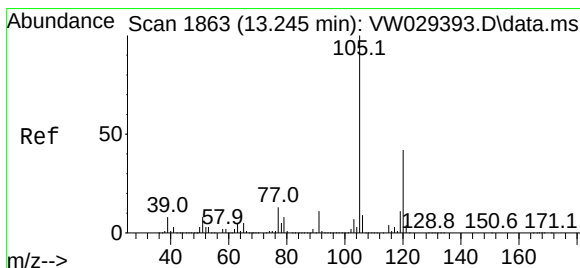
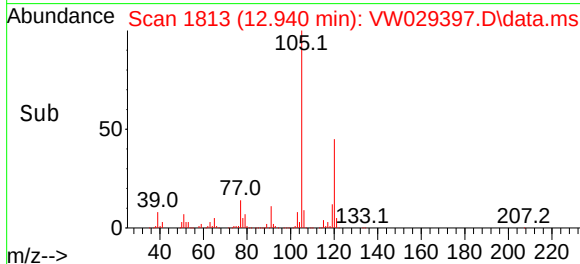
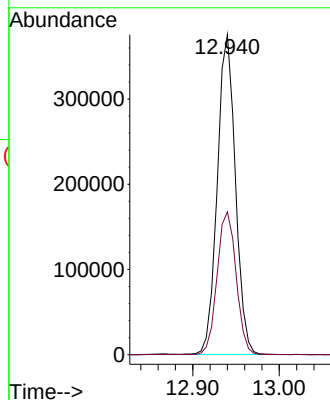
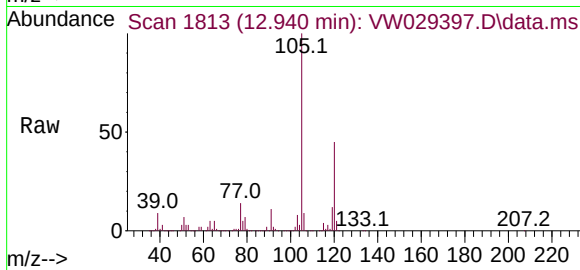
ClientSampleId :

Tgt Ion:105 Resp: 545765

Ion Ratio Lower Upper

105 100

120 46.9 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 29.629 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029397.D

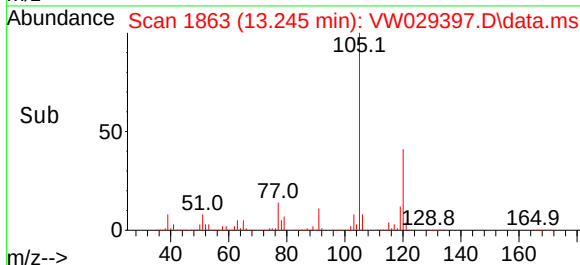
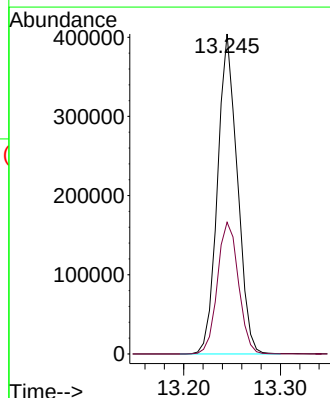
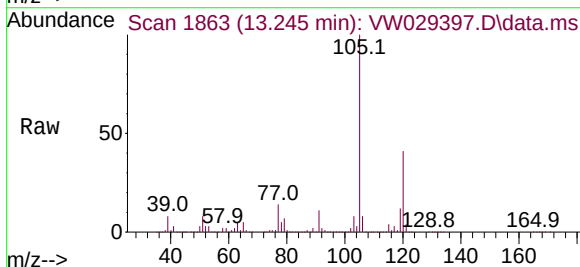
Acq: 28 Jun 2024 14:47

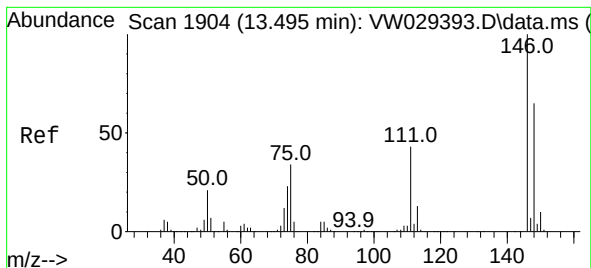
Tgt Ion:105 Resp: 573868

Ion Ratio Lower Upper

105 100

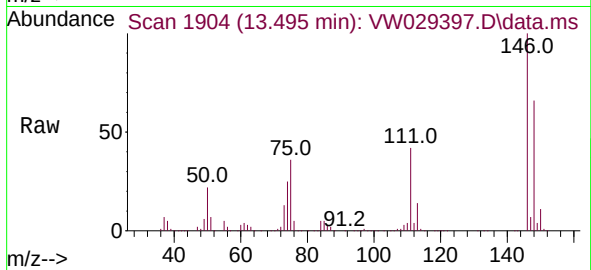
120 43.7 34.9 52.3



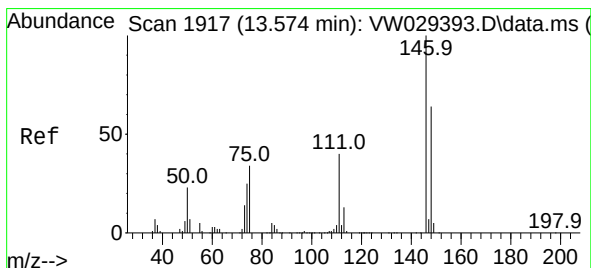
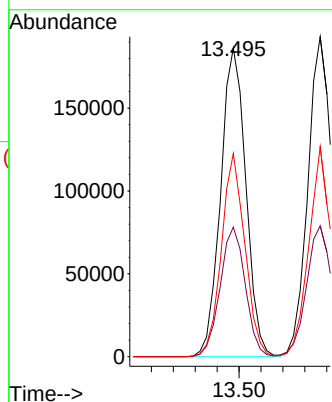
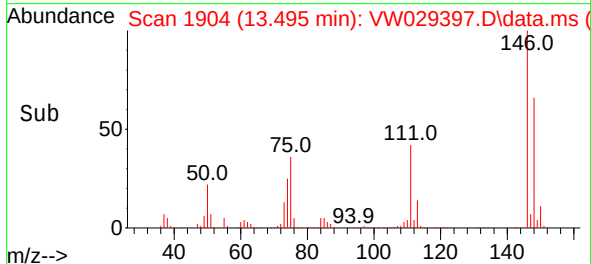


#64
1,3-Dichlorobenzene
Concen: 27.671 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

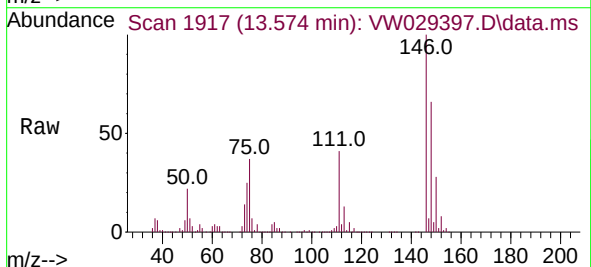
Instrument :
MSVOA_W
ClientSampleId :



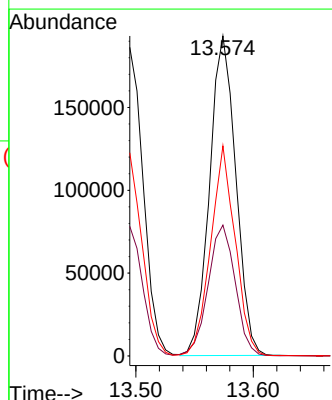
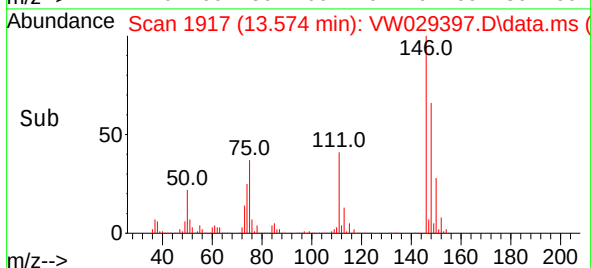
Tgt Ion:146 Resp: 297652
Ion Ratio Lower Upper
146 100
111 42.0 33.0 61.2
148 65.9 47.5 88.1

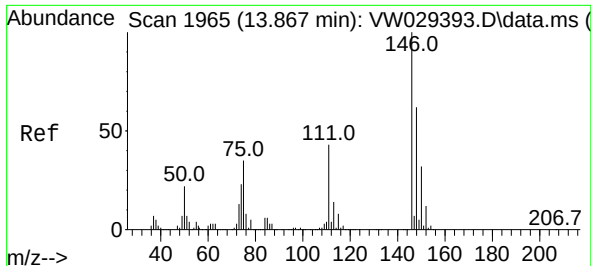


#65
1,4-Dichlorobenzene
Concen: 26.169 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47



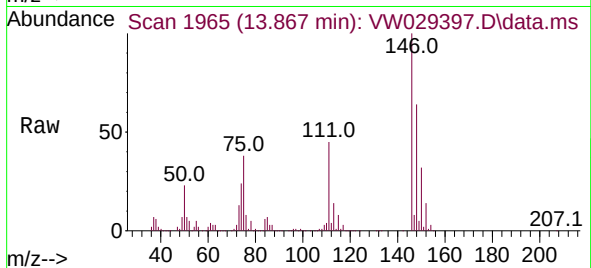
Tgt Ion:146 Resp: 299501
Ion Ratio Lower Upper
146 100
111 40.9 28.9 53.7
148 65.6 42.0 78.0



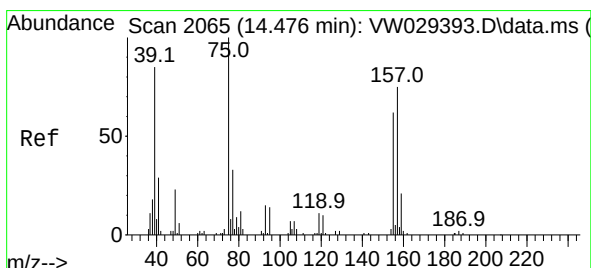
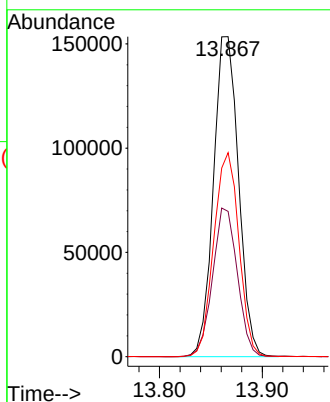
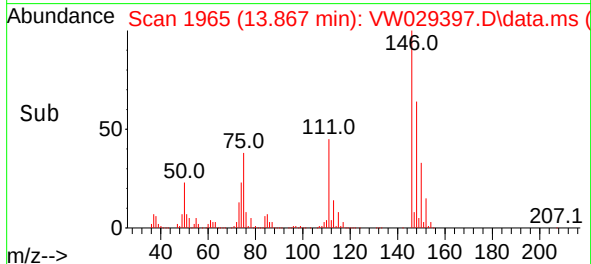


#67
1,2-Dichlorobenzene
Concen: 26.106 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Instrument :
MSVOA_W
ClientSampleId :

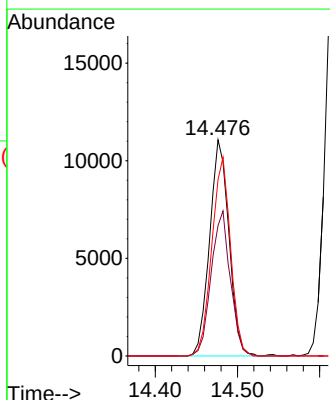
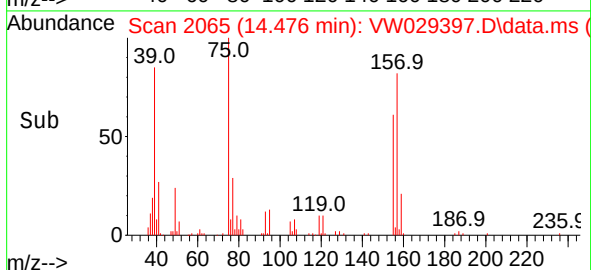
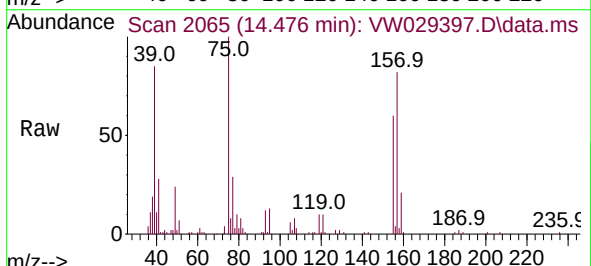


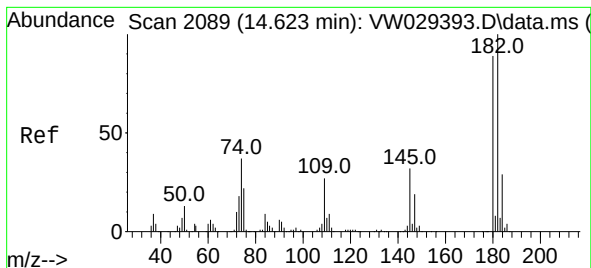
Tgt Ion:146 Resp: 259604
Ion Ratio Lower Upper
146 100
111 45.4 34.2 51.4
148 63.8 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 19.076 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion: 75 Resp: 18113
Ion Ratio Lower Upper
75 100
155 60.3 51.0 76.6
157 81.6 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 26.597 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

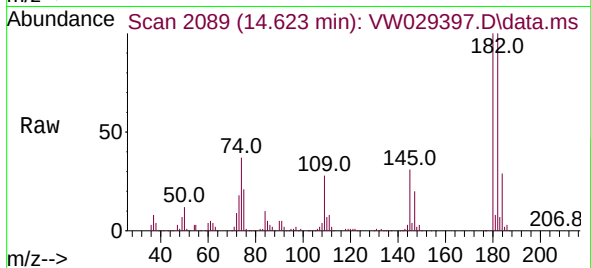
Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 193087

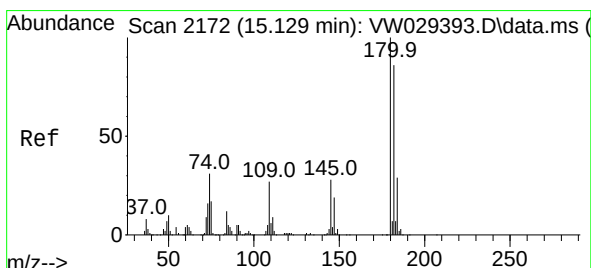
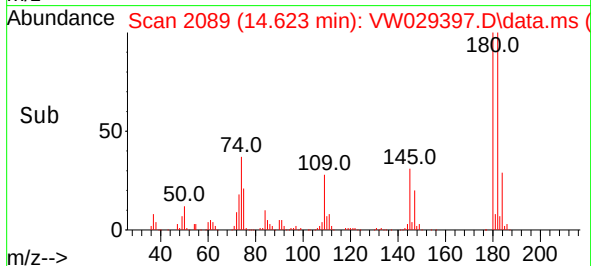
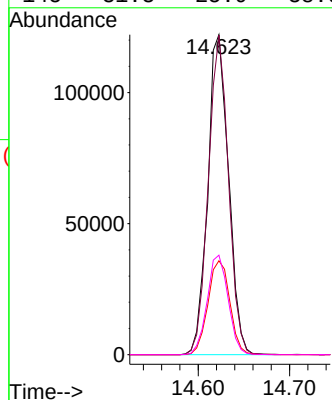
Ion Ratio Lower Upper

180 100

182 96.5 72.9 109.3

184 30.8 23.8 35.6

145 31.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 26.865 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029397.D

Acq: 28 Jun 2024 14:47

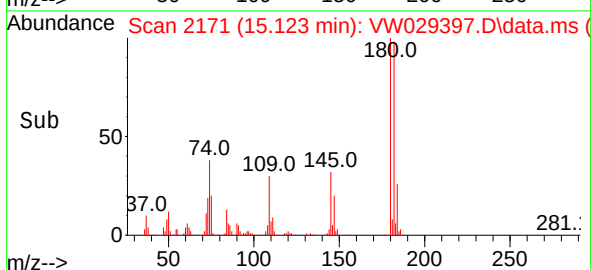
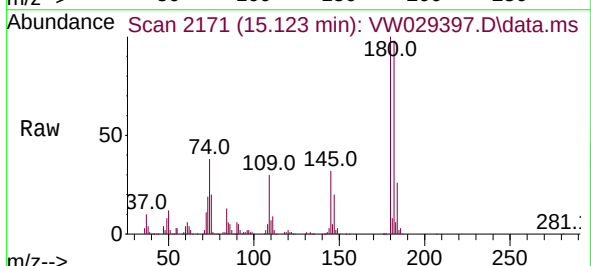
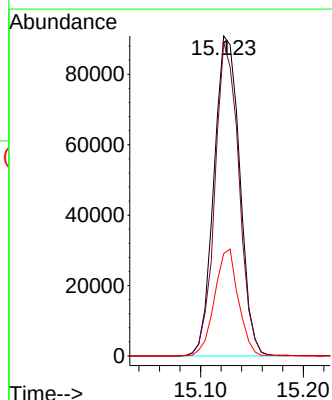
Tgt Ion:180 Resp: 158101

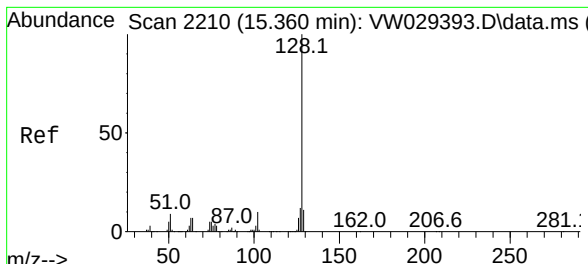
Ion Ratio Lower Upper

180 100

182 91.8 77.7 116.5

145 30.8 25.7 38.5



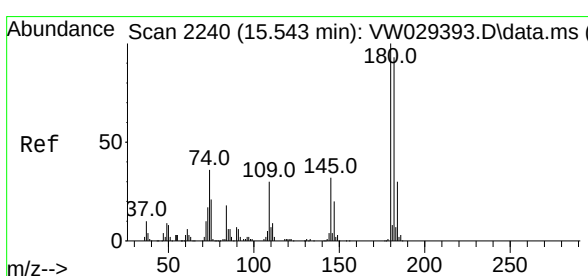
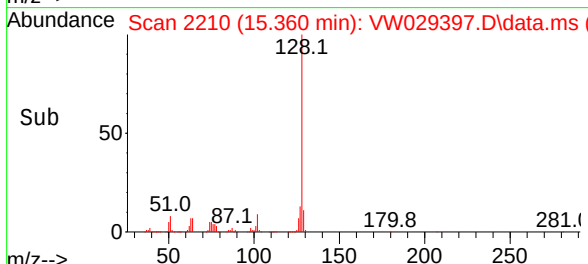
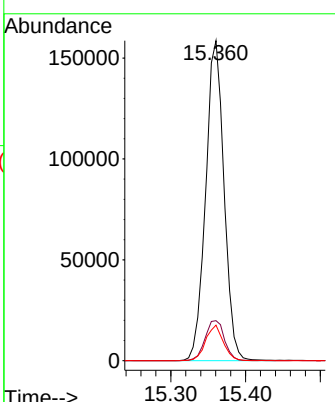
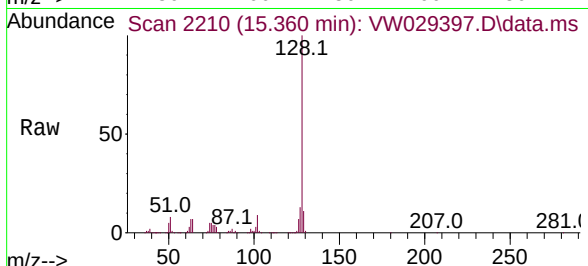


#71
Naphthalene
Concen: 23.350 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 271209

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.6	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.812 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029397.D
Acq: 28 Jun 2024 14:47

Tgt Ion:180 Resp: 127685

Ion	Ratio	Lower	Upper
180	100		
182	90.7	73.0	109.6
145	34.7	28.1	42.1

