

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029046.D
 Acq On : 06 Jun 2024 18:32
 Operator : SY/MD
 Sample : P2696-10REMSD
 Misc : 4.43g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 00:28:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	140841	21.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.893	69	114883	22.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	4.021	65	58949	20.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.120%
21) 2-Butanone-d5	7.075	46	64641	48.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
24) Chloroform-d	7.648	84	261642	22.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	8.307	65	147455	23.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	495268	29.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.680%
36) 1,2-Dichloropropane-d6	9.270	67	155648	30.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.960%#
41) Toluene-d8	10.318	98	369611	24.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	10.575	79	47440	23.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.922	63	45076	66.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93926	26.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	49569	18.969	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94039	20.029	ug/L	91
3) Chloromethane	2.222	50	127637	22.252	ug/L	97
5) Vinyl chloride	2.375	62	139968	20.159	ug/L	99
6) Bromomethane	2.789	94	71811	17.262	ug/L	98
8) Chloroethane	2.930	64	90745	21.641	ug/L	97
9) Trichlorofluoromethane	3.265	101	107155	18.566	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	91154	16.006	ug/L	98
12) 1,1-Dichloroethene	4.045	96	107374	20.660	ug/L	97
13) Acetone	4.124	43	43087	30.808	ug/L	98
14) Carbon disulfide	4.393	76	287344	16.330	ug/L	100
15) Methyl Acetate	4.673	43	45529	19.600	ug/L	99
16) Methylene chloride	4.923	84	132849	21.528	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	118474	20.908	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	206469	26.129	ug/L	99
19) 1,1-Dichloroethane	6.216	63	250271	22.465	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	128263	21.591	ug/L	94
22) 2-Butanone	7.173	43	79389	47.107	ug/L	99
23) Bromochloromethane	7.514	128	59545	22.962	ug/L	97
25) Chloroform	7.679	83	233378	21.568	ug/L	97

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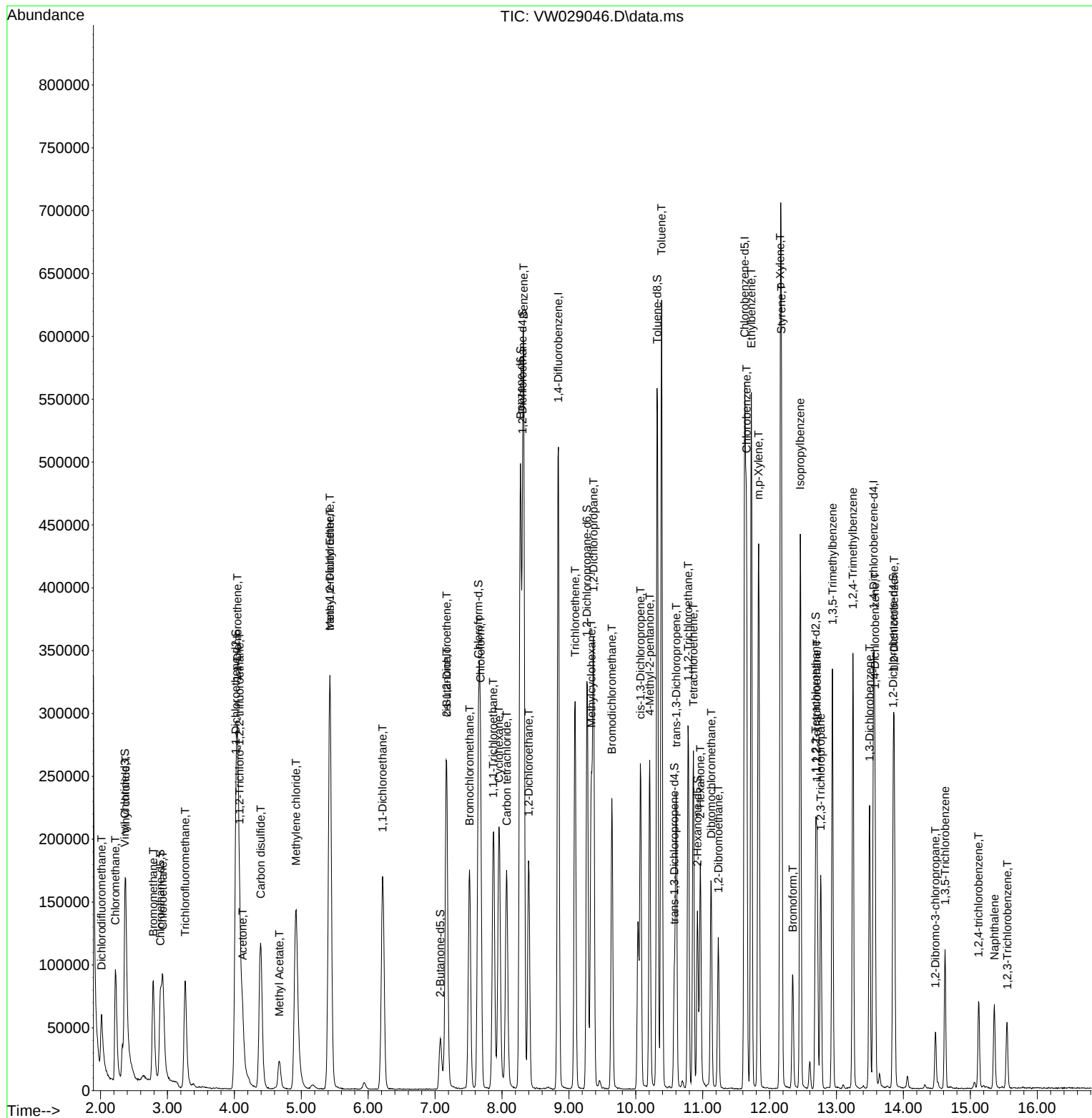
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170030	23.449	ug/L	100
29) Cyclohexane	7.953	56	121905	17.726	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	168114	26.232	ug/L	99
31) Carbon tetrachloride	8.069	117	133514	22.872	ug/L	97
33) Benzene	8.325	78	494081	28.727	ug/L	100
34) Trichloroethene	9.093	95	110925	24.532	ug/L	94
35) Methylcyclohexane	9.337	83	91358	11.910	ug/L	99
37) 1,2-Dichloropropane	9.367	63	132421	29.402	ug/L	100
38) Bromodichloromethane	9.642	83	151317	27.548	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	150321	22.966	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	175270	76.509	ug/L	98
42) Toluene	10.386	91	434949	24.755	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	126541	23.981	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89088	29.288	ug/L	96
46) Tetrachloroethene	10.861	164	56906	16.565	ug/L	91
48) 2-Hexanone	10.965	43	118187	68.810	ug/L	98
49) Dibromochloromethane	11.129	129	85006	26.459	ug/L	96
50) 1,2-Dibromoethane	11.233	107	77695	27.981	ug/L	98
51) Chlorobenzene	11.654	112	219901	19.483	ug/L	98
52) Ethylbenzene	11.727	91	371441	18.607	ug/L	99
53) m,p-Xylene	11.836	106	131686	17.810	ug/L	97
54) o-Xylene	12.160	106	127341	18.599	ug/L	95
55) Styrene	12.178	104	196903	16.681	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85560	24.917	ug/L	99
59) Bromoform	12.349	173	40677	42.957	ug/L	99
60) Isopropylbenzene	12.458	105	276517	26.533	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71404	51.405	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	169293	22.334	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	178723	22.310	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	88138	19.680	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	88747	18.973	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	76347	19.020	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	12324	41.626	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	31449	10.227	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	20766	8.332	ug/L	99
71) Naphthalene	15.360	128	54818	12.909	ug/L	98
72) 1,2,3-Trichlorobenzene	15.555	180	15373	7.220	ug/L	93

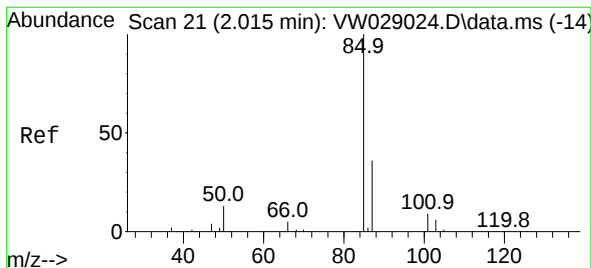
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 20.029 ug/L

RT: 2.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

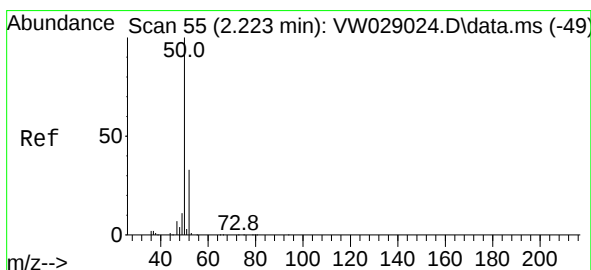
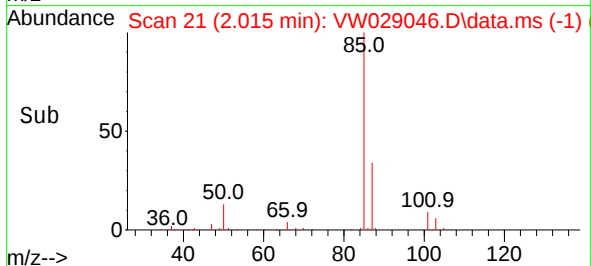
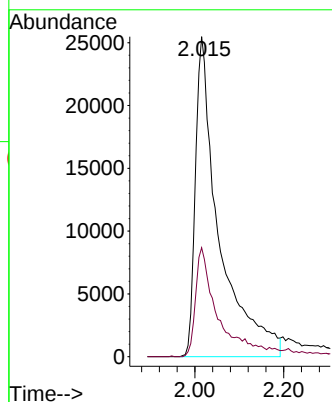
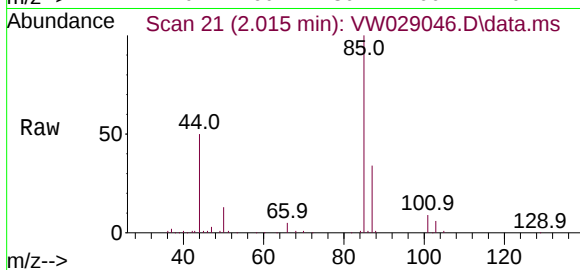
ClientSampleId :

Tgt Ion: 85 Resp: 94039

Ion Ratio Lower Upper

85 100

87 26.8 25.3 37.9



#3

Chloromethane

Concen: 22.252 ug/L

RT: 2.222 min Scan# 55

Delta R.T. -0.000 min

Lab File: VW029046.D

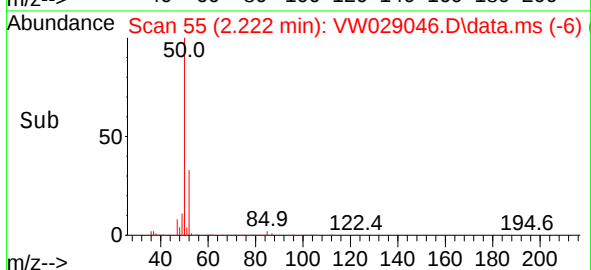
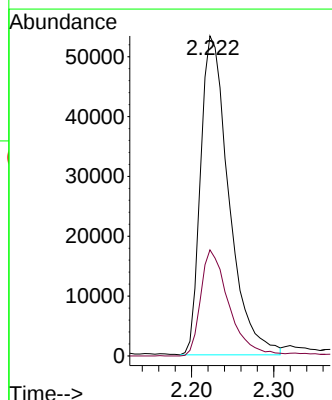
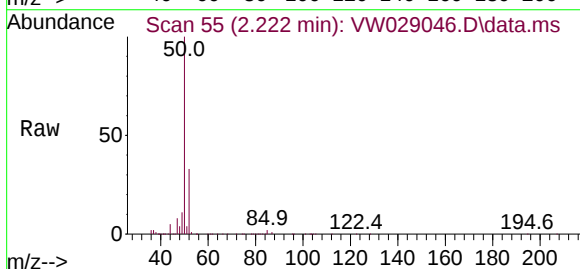
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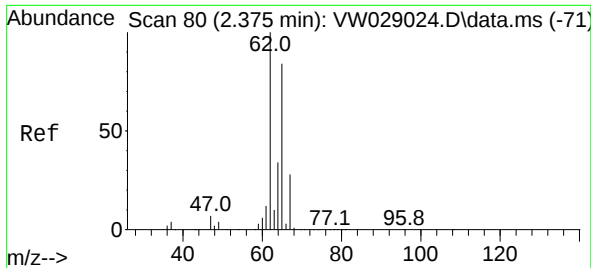
Tgt Ion: 50 Resp: 127637

Ion Ratio Lower Upper

50 100

52 33.1 22.1 41.1

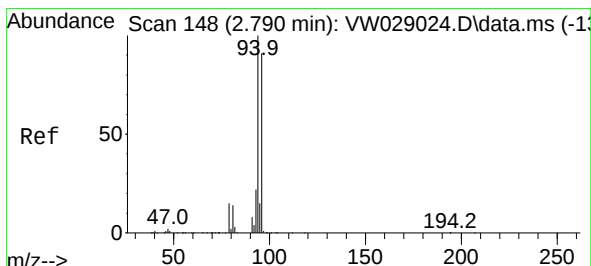
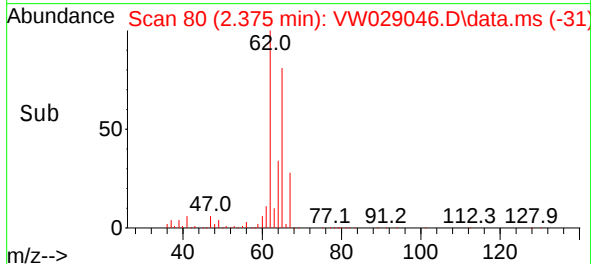
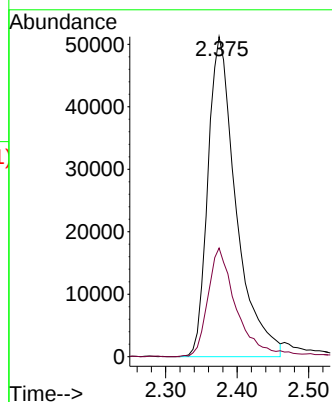
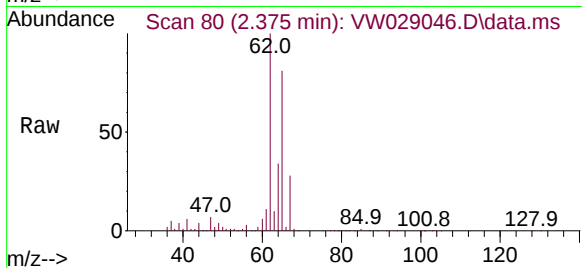




#5
 Vinyl chloride
 Concen: 20.159 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029046.D
 Acq: 06 Jun 2024 18:32

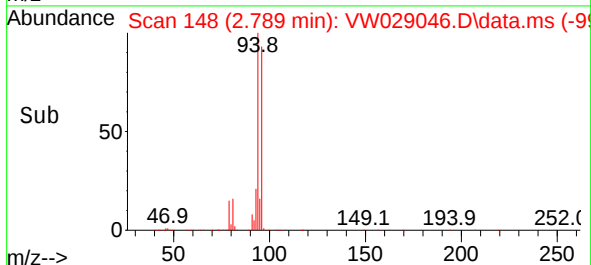
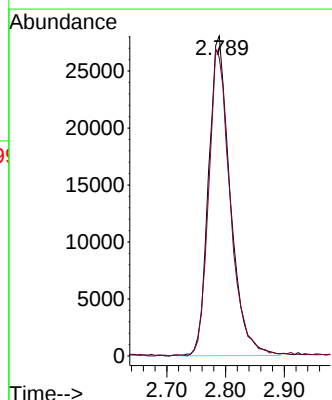
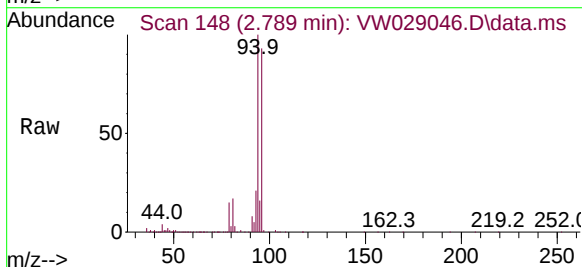
Instrument :
 MSVOA_W
 ClientSampleId :

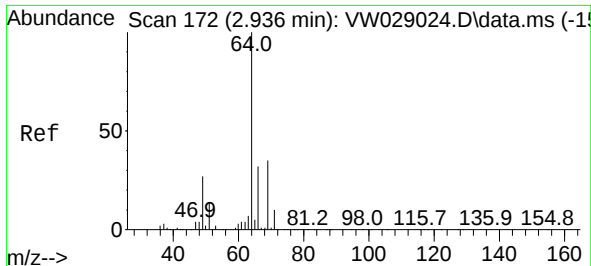
Tgt Ion: 62 Resp: 139968
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.4 43.4



#6
 Bromomethane
 Concen: 17.262 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029046.D
 Acq: 06 Jun 2024 18:32

Tgt Ion: 94 Resp: 71811
 Ion Ratio Lower Upper
 94 100
 96 93.3 63.7 118.3





#8

Chloroethane

Concen: 21.641 ug/L

RT: 2.930 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

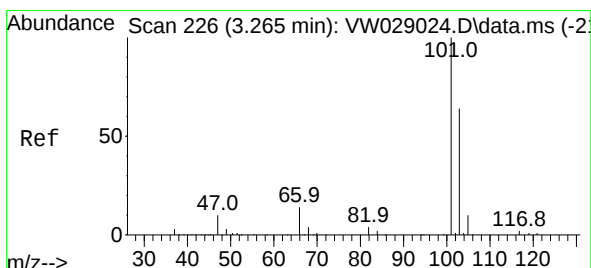
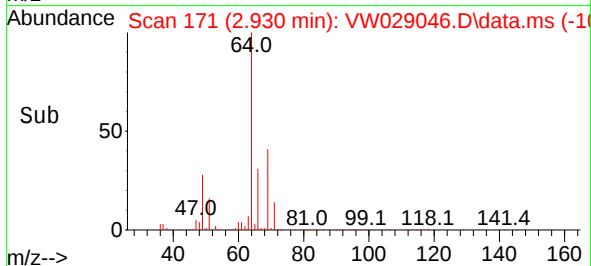
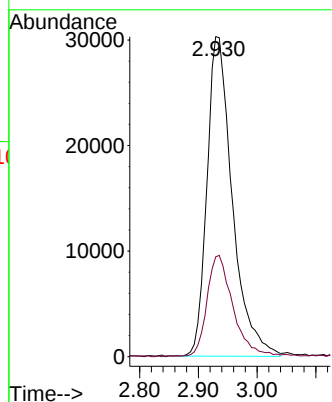
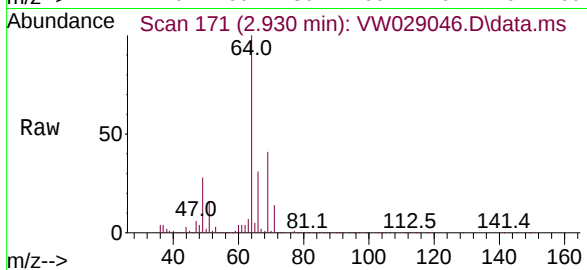
ClientSampleId :

Tgt Ion: 64 Resp: 90745

Ion Ratio Lower Upper

64 100

66 31.2 22.9 42.5



#9

Trichlorofluoromethane

Concen: 18.566 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.000 min

Lab File: VW029046.D

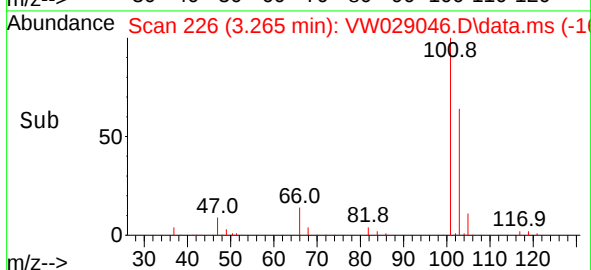
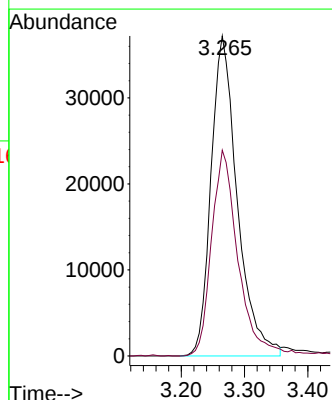
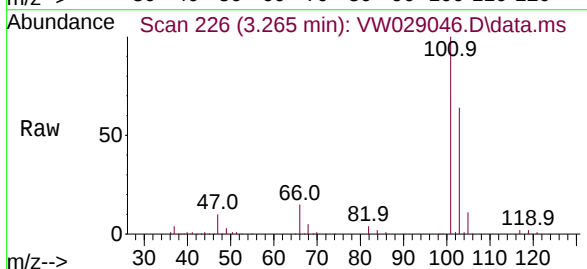
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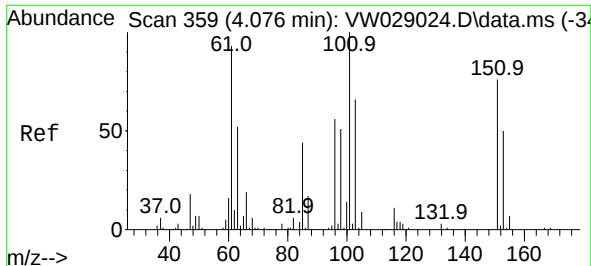
Tgt Ion:101 Resp: 107155

Ion Ratio Lower Upper

101 100

103 64.5 51.3 76.9





#10

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

Concen: 16.006 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :

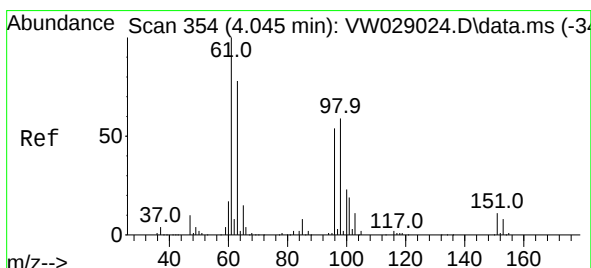
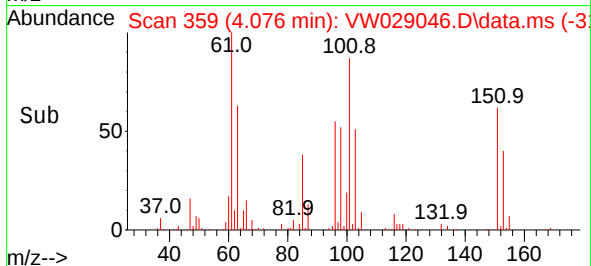
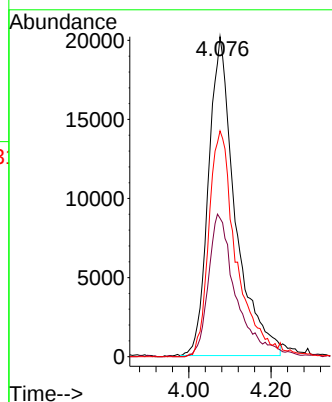
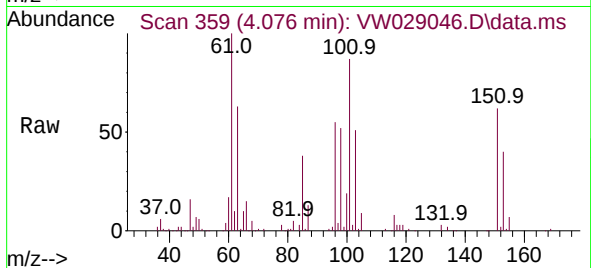
Tgt Ion:101 Resp: 91154

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.8

151 71.5 58.5 87.7



#12

1,1-Dichloroethene

Concen: 20.660 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

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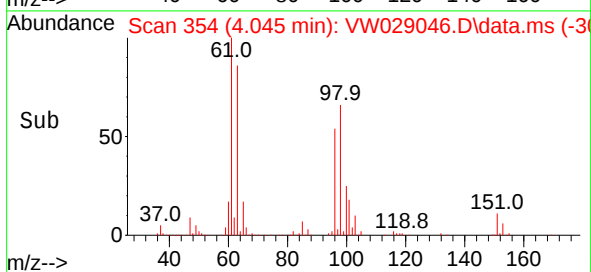
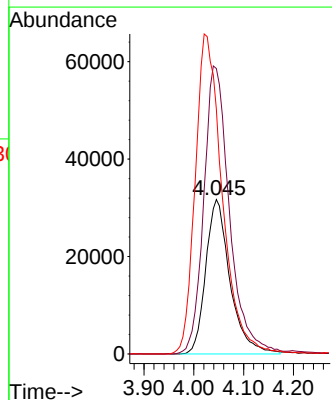
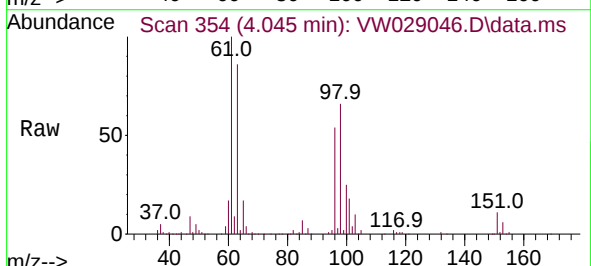
Tgt Ion: 96 Resp: 107374

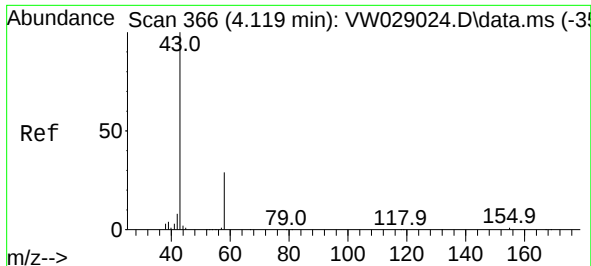
Ion Ratio Lower Upper

96 100

61 184.8 132.2 245.4

63 158.5 108.4 201.2

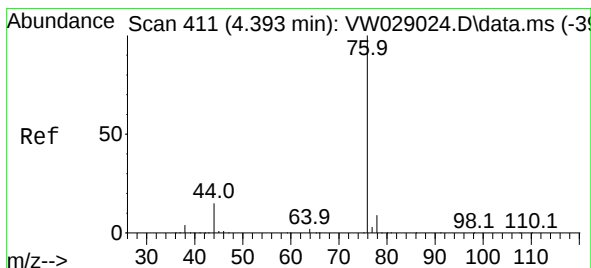
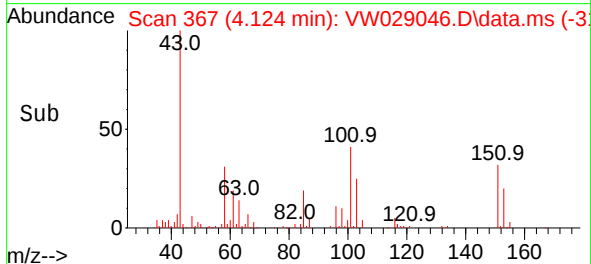
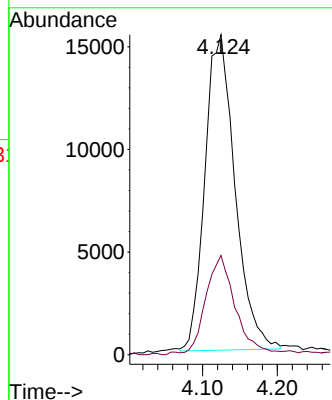
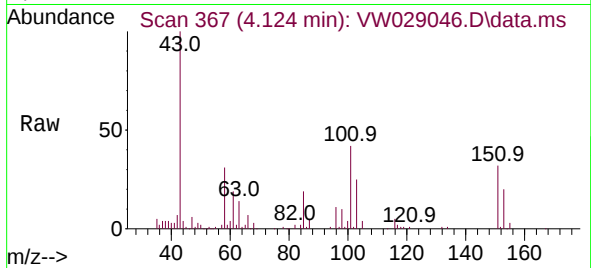




#13
Acetone
Concen: 30.808 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
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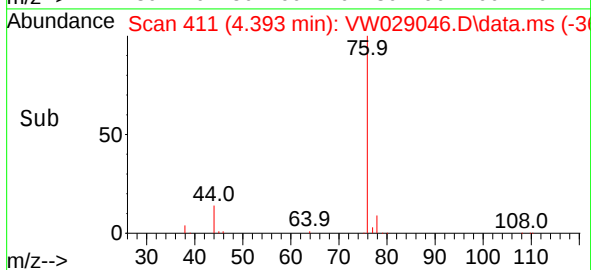
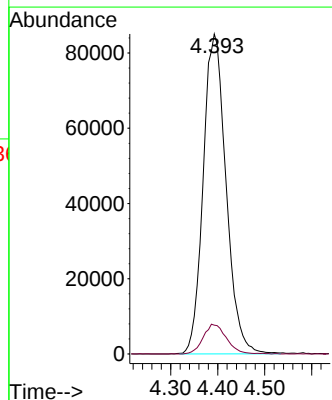
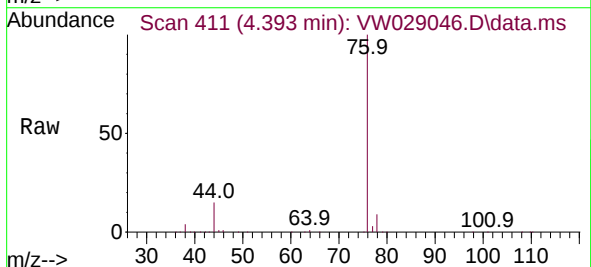
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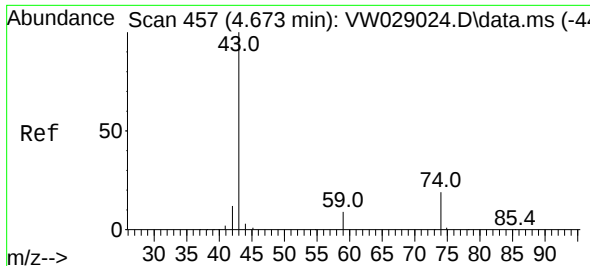
Tgt Ion: 43 Resp: 43087
Ion Ratio Lower Upper
43 100
58 30.8 0.0 59.4



#14
Carbon disulfide
Concen: 16.330 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029046.D
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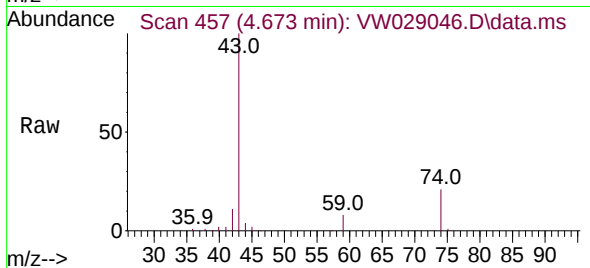
Tgt Ion: 76 Resp: 287344
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



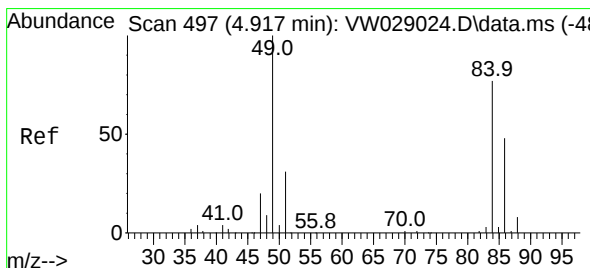
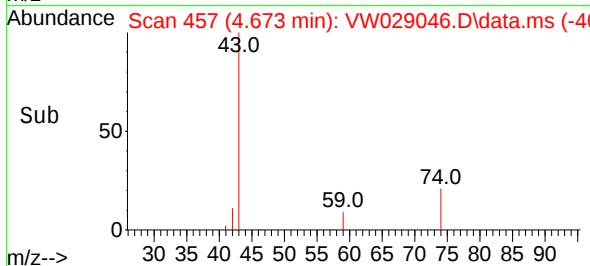
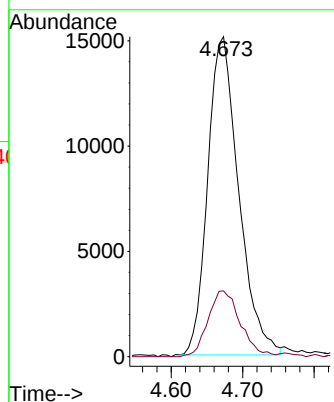


#15
Methyl Acetate
Concen: 19.600 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_W
ClientSampleId :

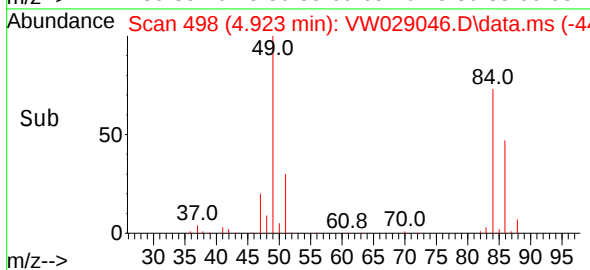
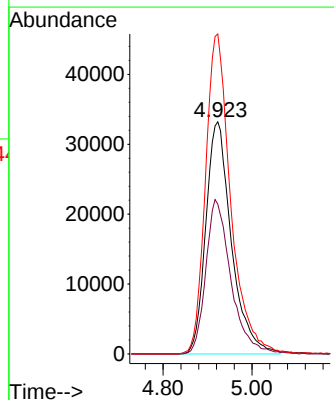
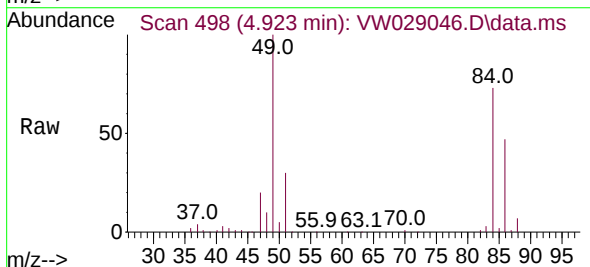


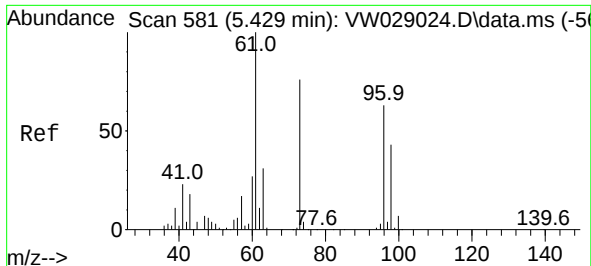
Tgt Ion: 43 Resp: 45529
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2



#16
Methylene chloride
Concen: 21.528 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion: 84 Resp: 132849
Ion Ratio Lower Upper
84 100
86 64.5 43.8 81.4
49 137.8 91.3 169.5

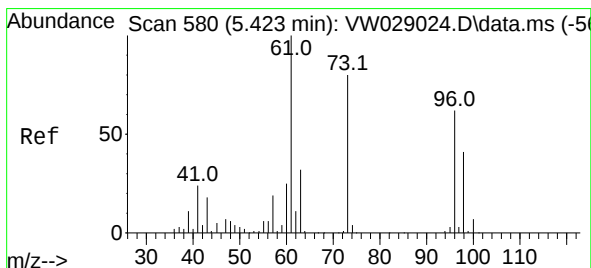
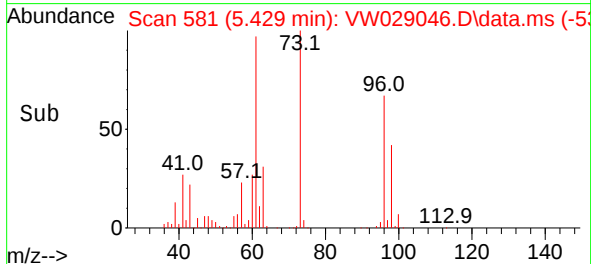
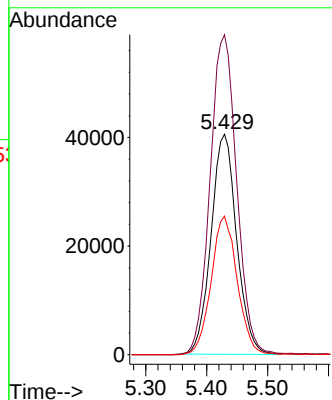
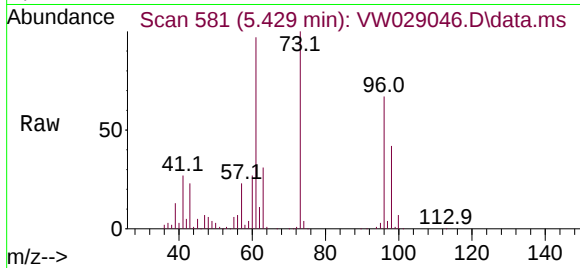




#17
trans-1,2-Dichloroethene
Concen: 20.908 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

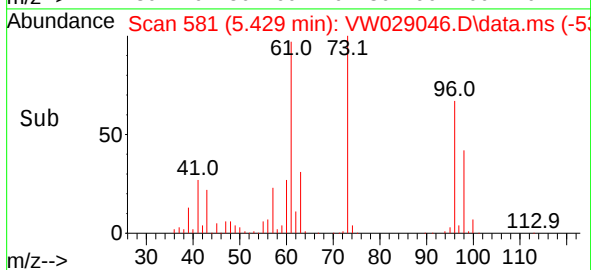
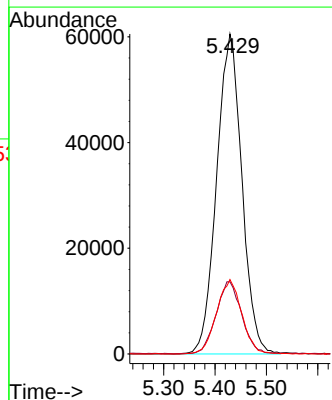
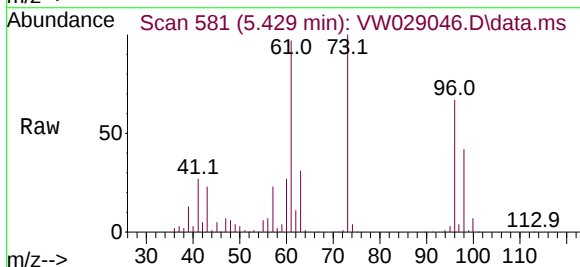
Instrument :
MSVOA_W
ClientSampleId :

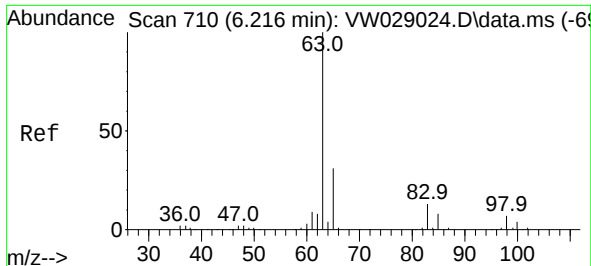
Tgt Ion: 96 Resp: 118474
Ion Ratio Lower Upper
96 100
61 145.1 104.6 194.2
98 62.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.129 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion: 73 Resp: 206469
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 23.2 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.465 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :

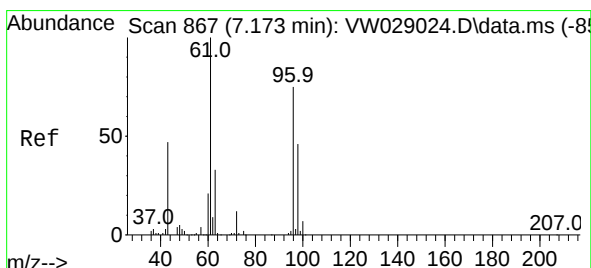
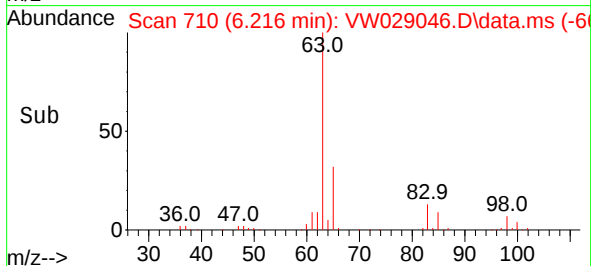
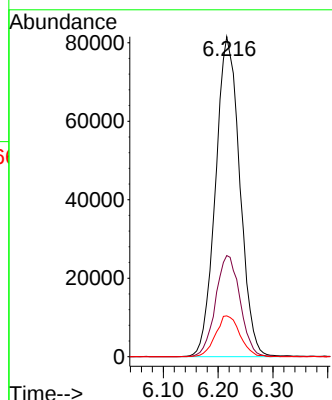
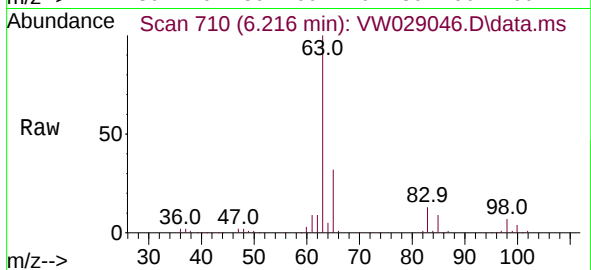
Tgt Ion: 63 Resp: 250271

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 12.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 21.591 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

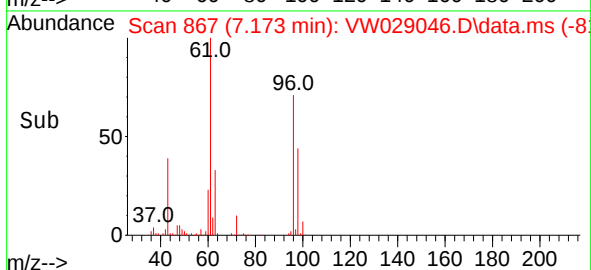
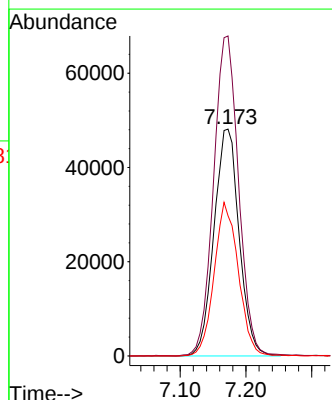
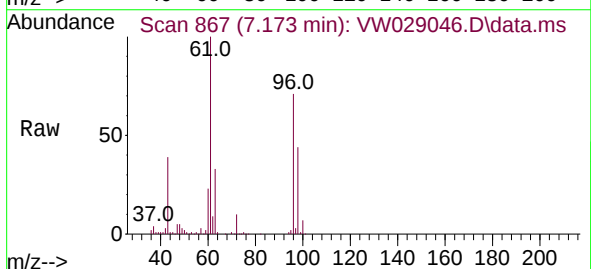
Tgt Ion: 96 Resp: 128263

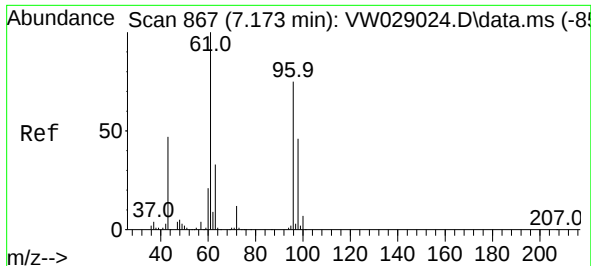
Ion Ratio Lower Upper

96 100

61 141.1 92.9 172.5

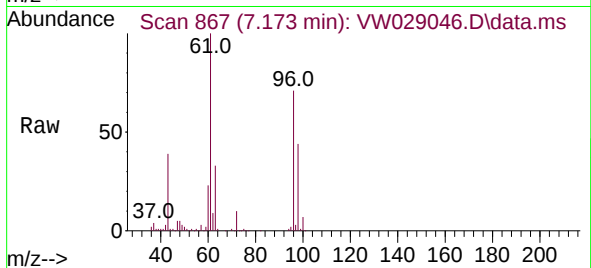
98 61.8 45.2 84.0



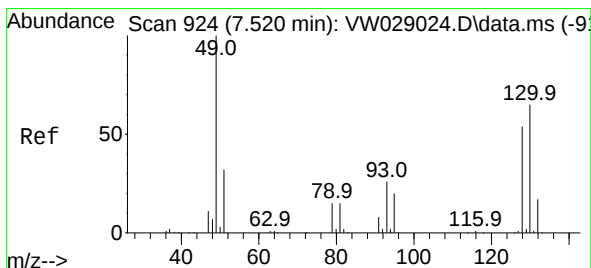
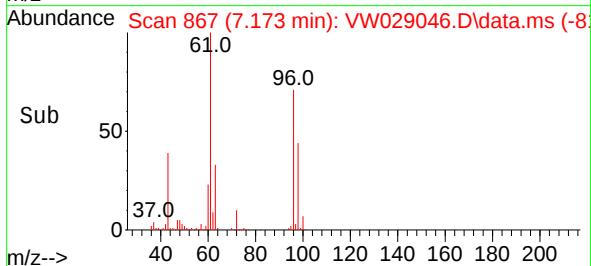
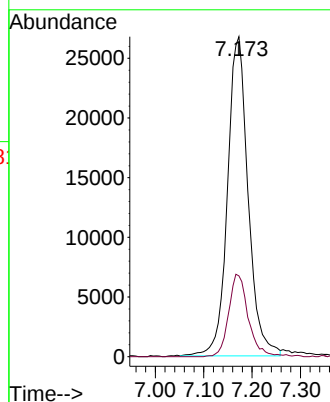


#22
2-Butanone
Concen: 47.107 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_W
ClientSampleId :

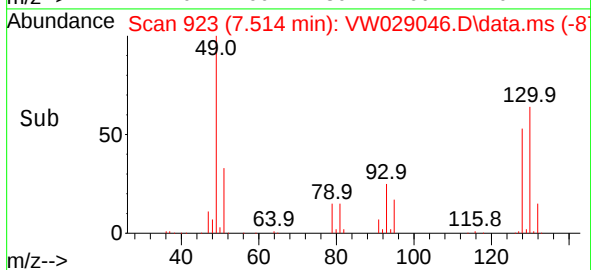
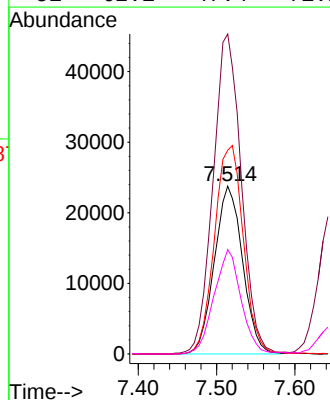
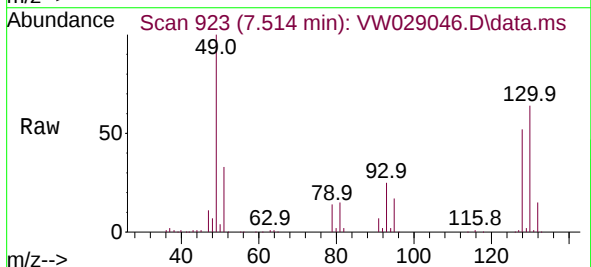


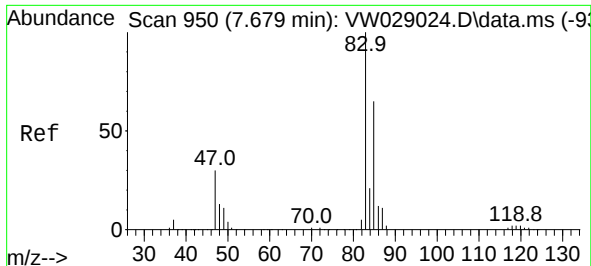
Tgt Ion: 43 Resp: 79389
Ion Ratio Lower Upper
43 100
72 24.4 12.5 37.5



#23
Bromochloromethane
Concen: 22.962 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion: 128 Resp: 59545
Ion Ratio Lower Upper
128 100
49 190.6 135.9 252.3
130 121.3 89.0 165.2
51 62.1 47.4 71.2





#25

Chloroform

Concen: 21.568 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

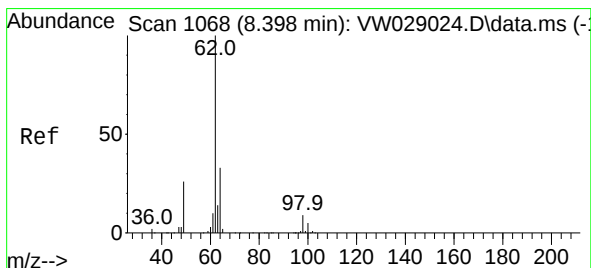
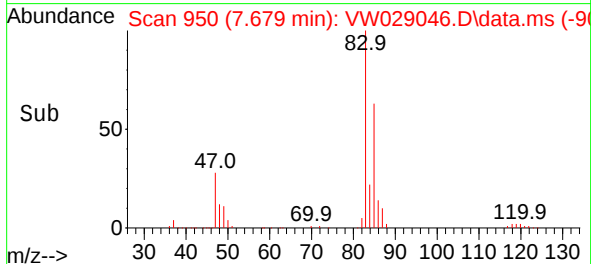
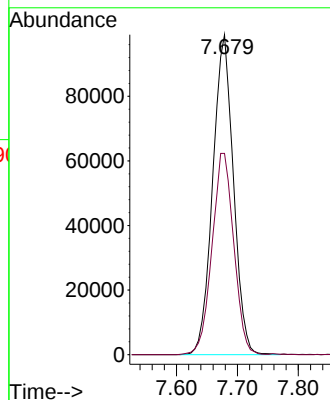
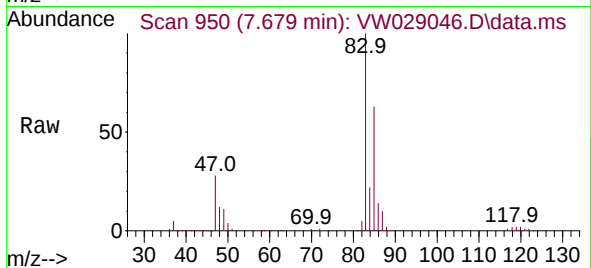
ClientSampleId :

Tgt Ion: 83 Resp: 233378

Ion Ratio Lower Upper

83 100

85 62.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 23.449 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029046.D

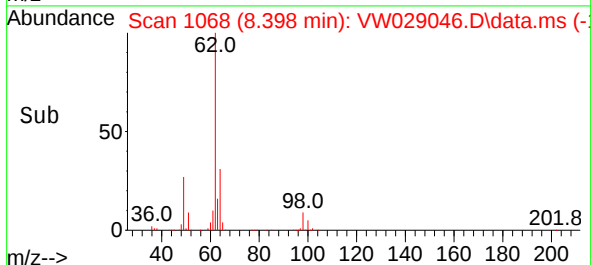
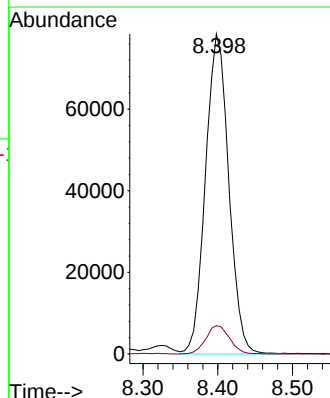
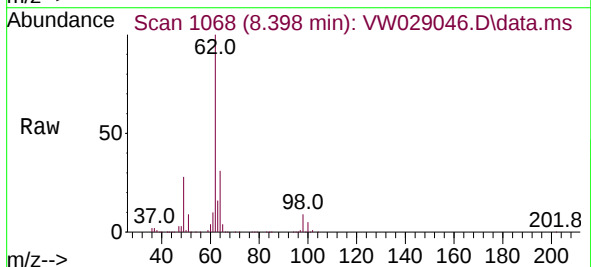
Acq: 06 Jun 2024 18:32

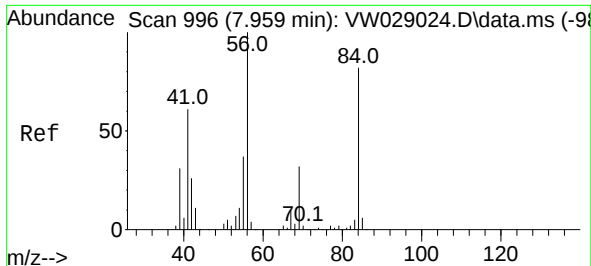
Tgt Ion: 62 Resp: 170030

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 17.726 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

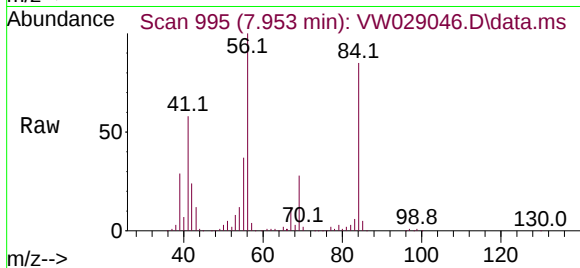
Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :



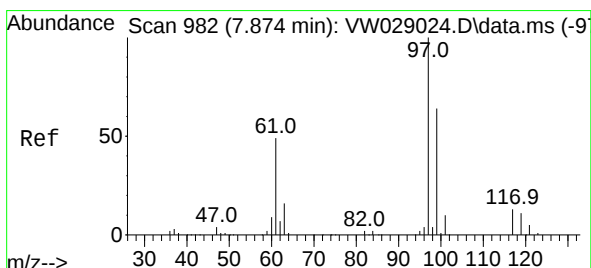
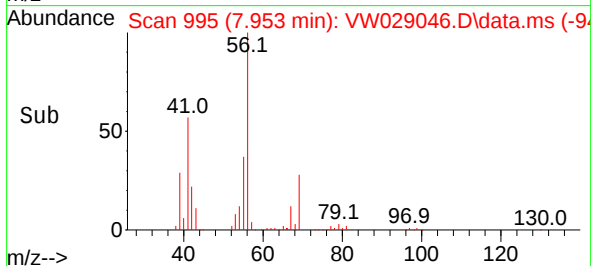
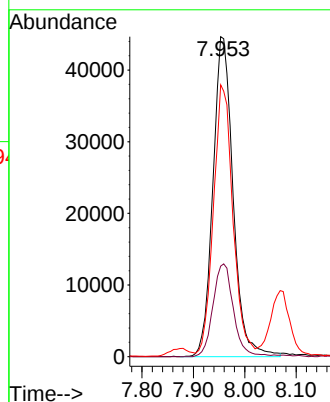
Tgt Ion: 56 Resp: 121905

Ion Ratio Lower Upper

56 100

69 29.3 24.2 36.4

84 81.7 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.232 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

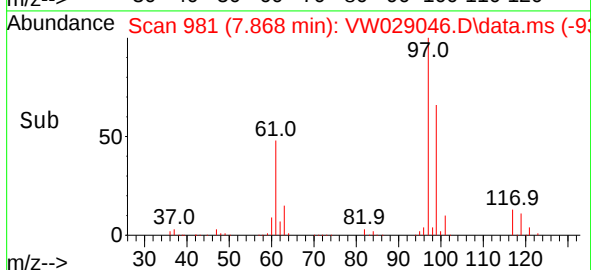
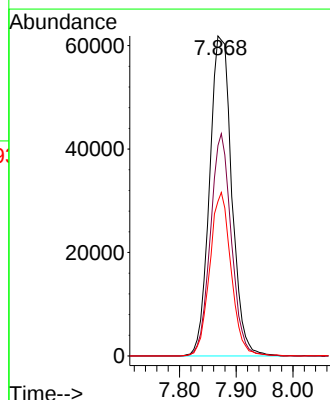
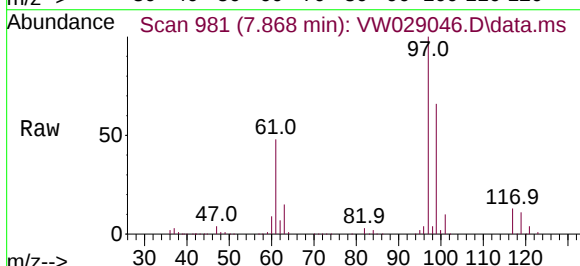
Tgt Ion: 97 Resp: 168114

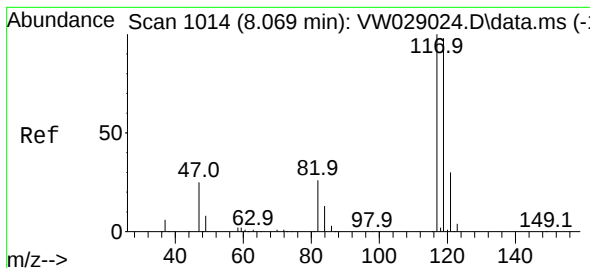
Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 49.2 39.6 59.4





#31

Carbon tetrachloride

Concen: 22.872 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

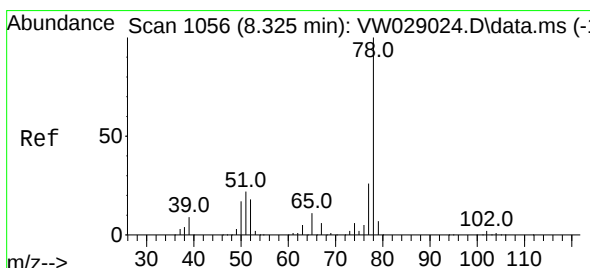
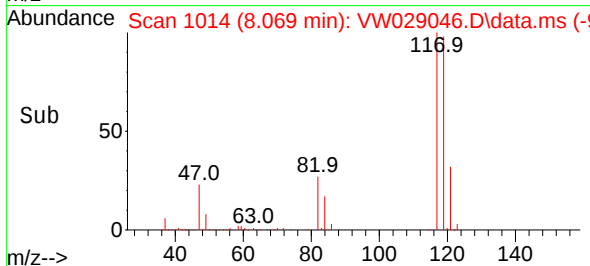
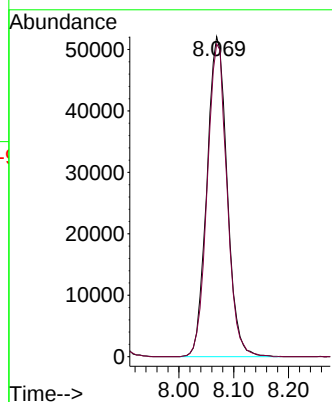
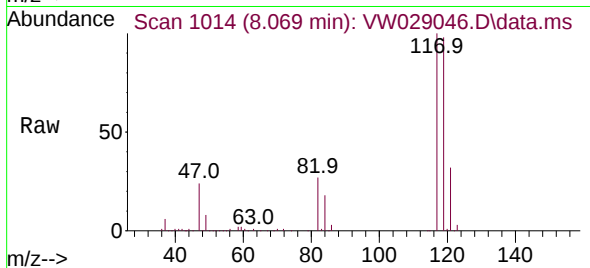
ClientSampleId :

Tgt Ion:117 Resp: 133514

Ion Ratio Lower Upper

117 100

119 95.4 78.8 118.2



#33

Benzene

Concen: 28.727 ug/L

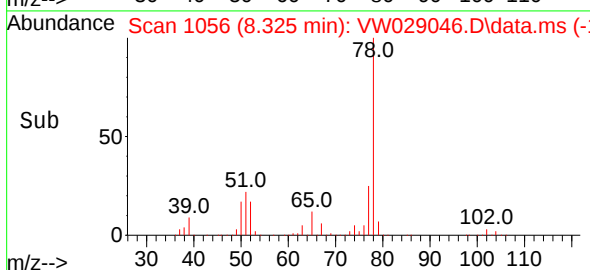
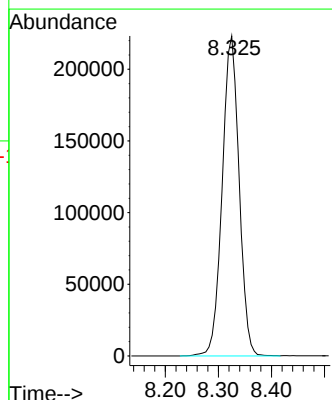
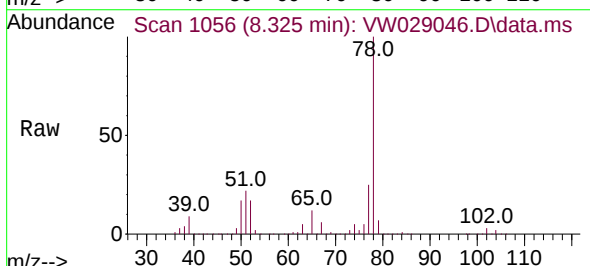
RT: 8.325 min Scan# 1056

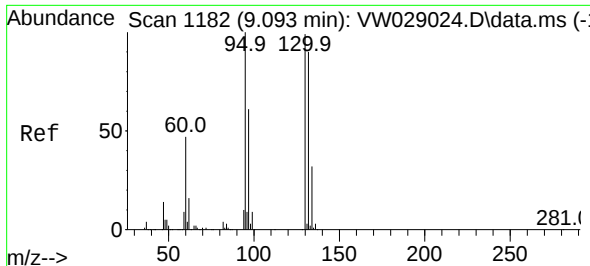
Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

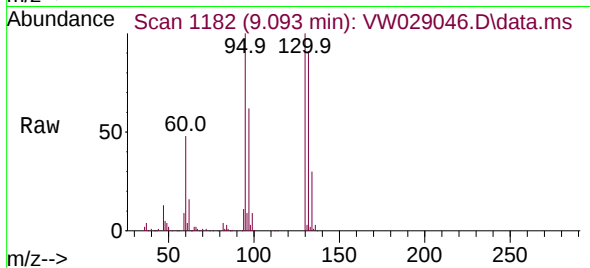
Tgt Ion: 78 Resp: 494081



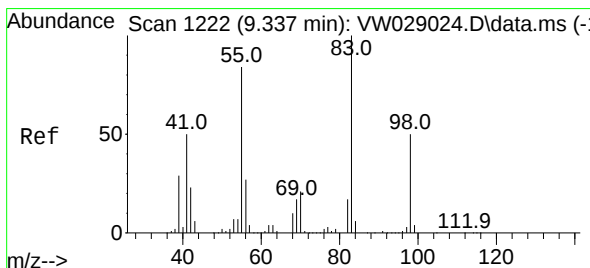
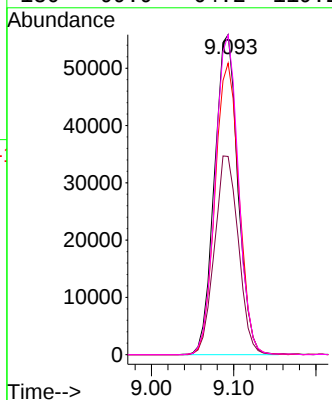
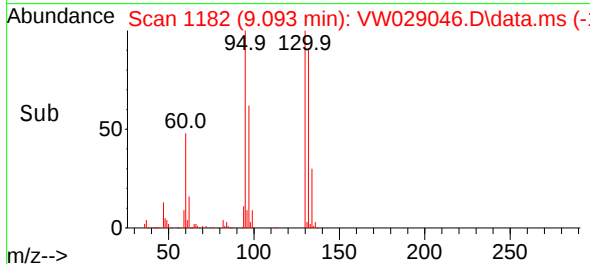


#34
Trichloroethene
Concen: 24.532 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

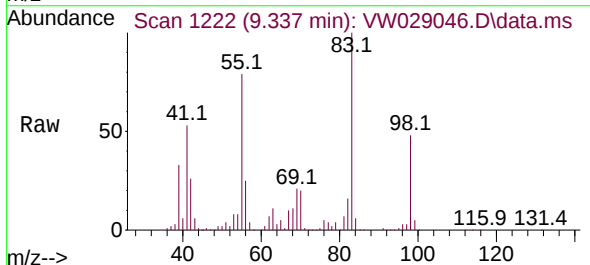
Instrument :
MSVOA_W
ClientSampleId :



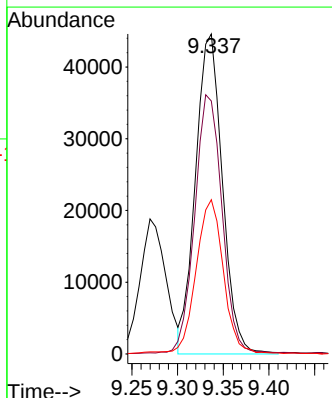
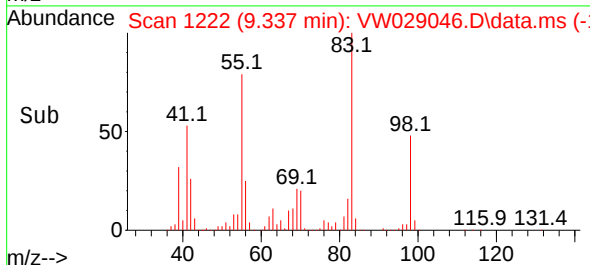
Tgt Ion: 95 Resp: 110925
Ion Ratio Lower Upper
95 100
97 61.9 41.9 77.7
132 91.1 60.1 111.5
130 99.9 64.2 119.2

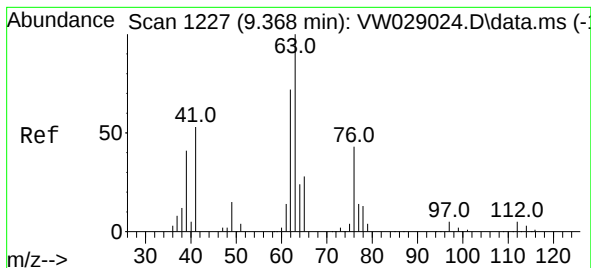


#35
Methylcyclohexane
Concen: 11.910 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32



Tgt Ion: 83 Resp: 91358
Ion Ratio Lower Upper
83 100
55 82.7 65.8 98.6
98 47.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 29.402 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

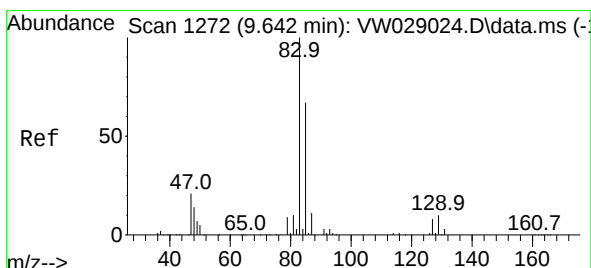
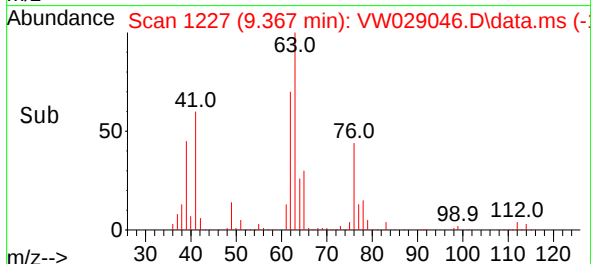
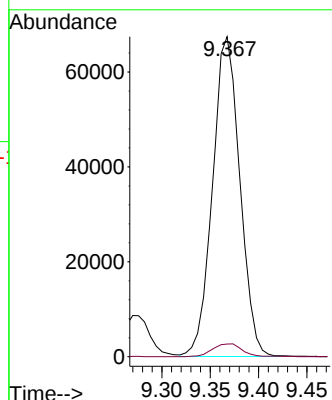
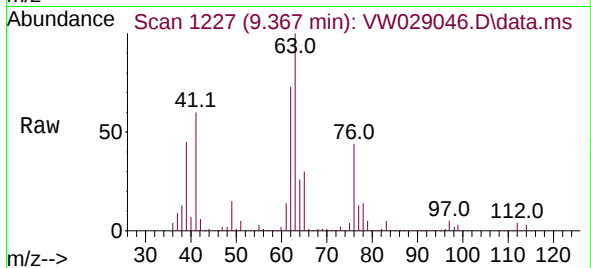
ClientSampleId :

Tgt Ion: 63 Resp: 132421

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.548 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

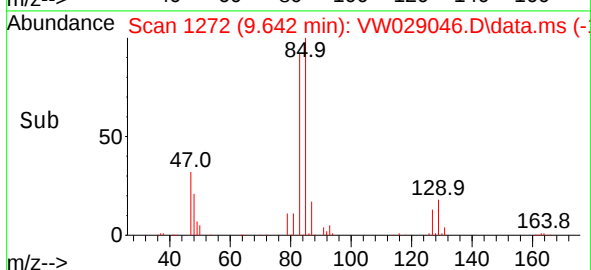
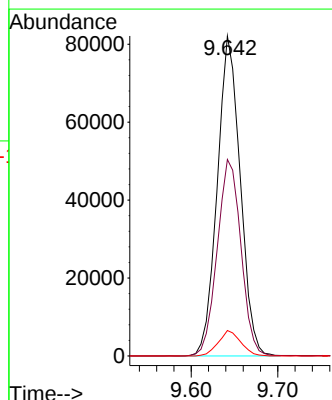
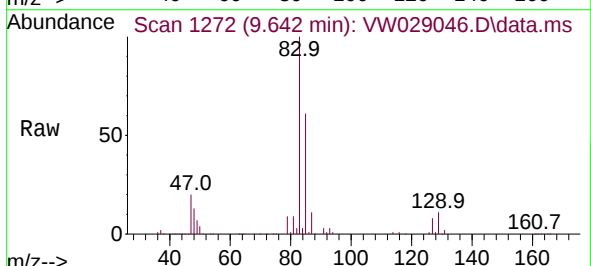
Tgt Ion: 83 Resp: 151317

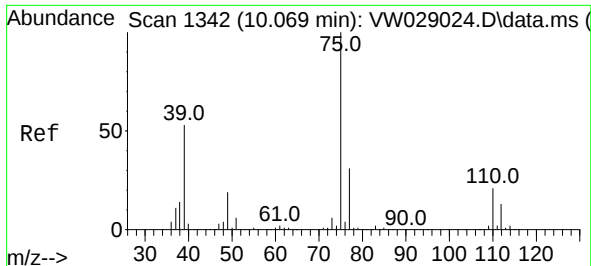
Ion Ratio Lower Upper

83 100

85 61.4 43.9 81.5

127 7.9 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 22.966 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

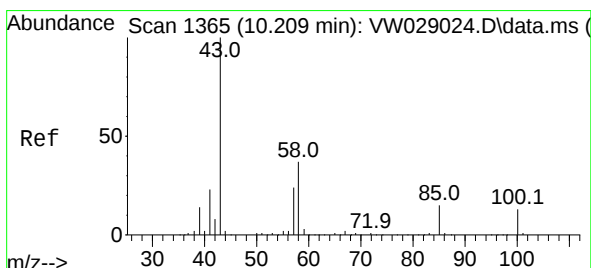
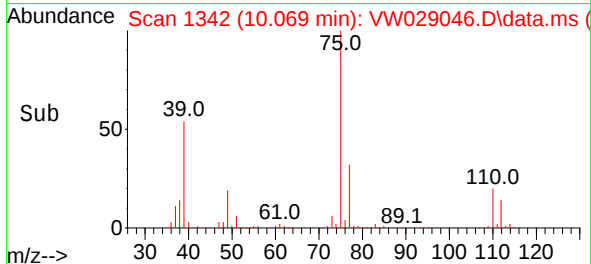
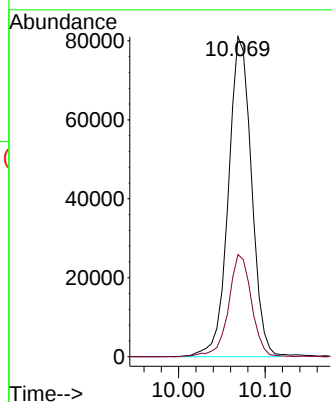
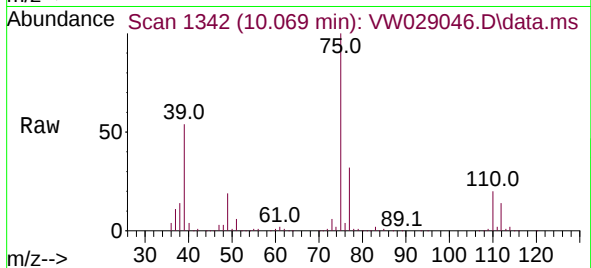
ClientSampleId :

Tgt Ion: 75 Resp: 150321

Ion Ratio Lower Upper

75 100

77 31.9 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 76.509 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

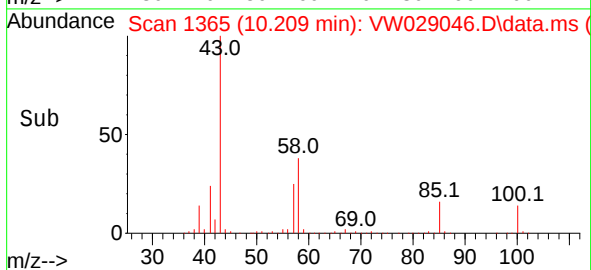
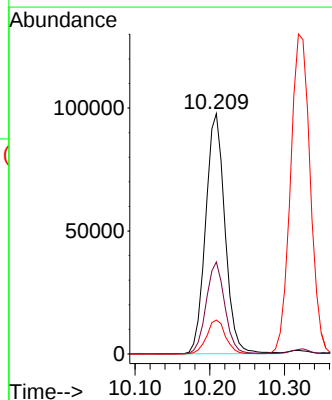
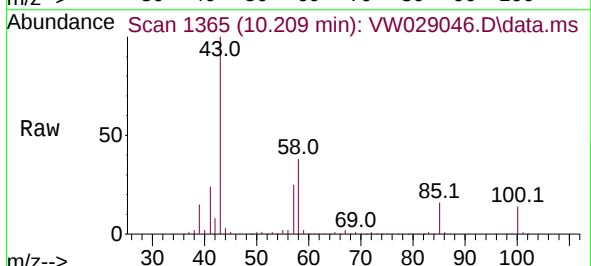
Tgt Ion: 43 Resp: 175270

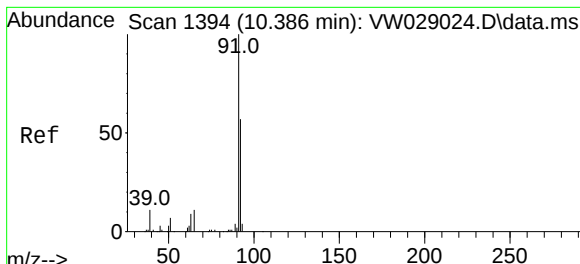
Ion Ratio Lower Upper

43 100

58 36.8 30.3 45.5

100 14.0 10.7 16.1

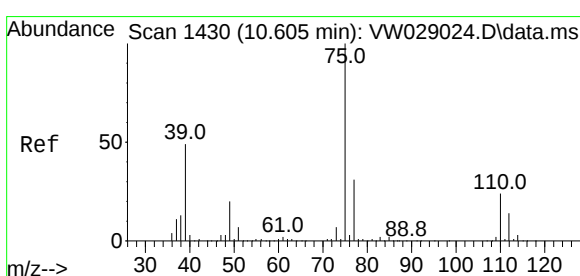
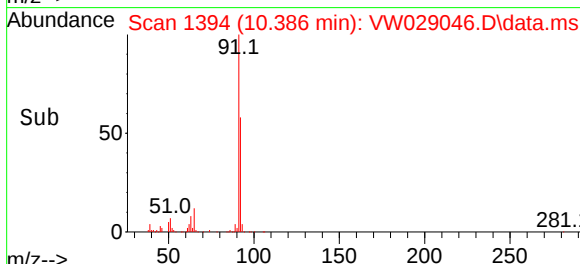
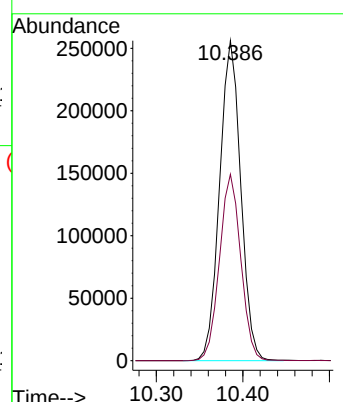
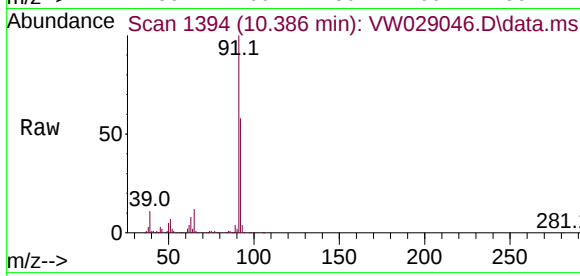




#42
Toluene
Concen: 24.755 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

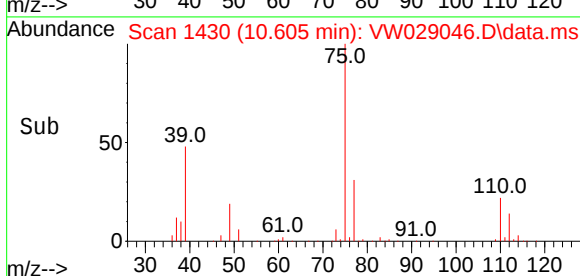
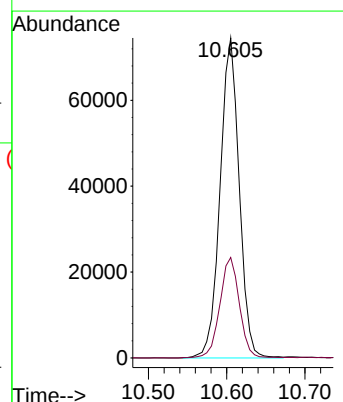
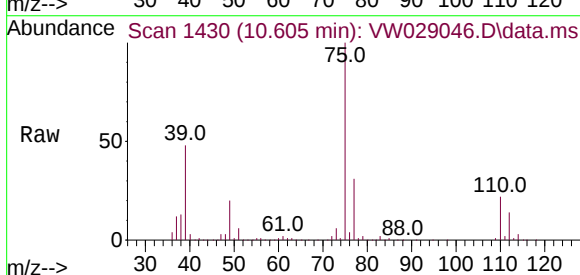
Instrument : MSVOA_W
ClientSampleId :

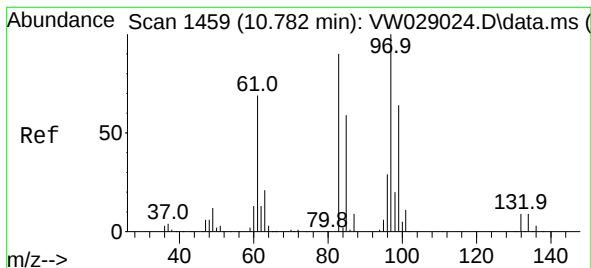
Tgt Ion:	91	Resp:	434949
Ion Ratio	Lower	Upper	
91	100		
92	58.2	41.2	76.4



#44
trans-1,3-Dichloropropene
Concen: 23.981 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion:	75	Resp:	126541
Ion Ratio	Lower	Upper	
75	100		
77	31.4	22.0	40.8





#45

1,1,2-Trichloroethane

Concen: 29.288 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

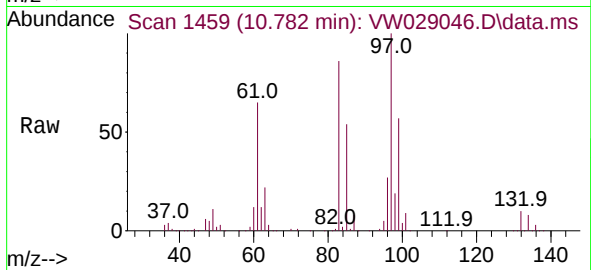
Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 89088

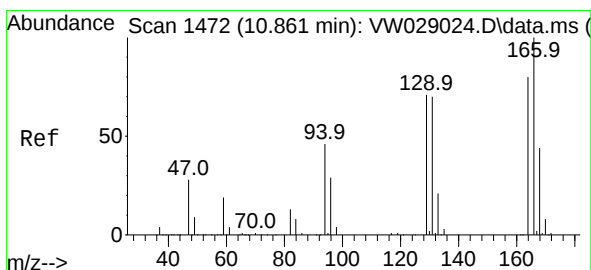
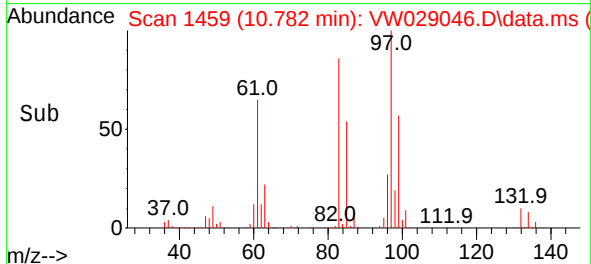
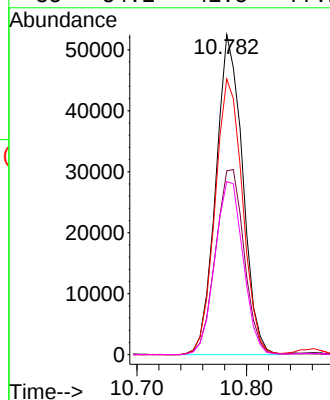
Ion Ratio Lower Upper

97 100

99 57.4 41.8 77.6

83 86.2 62.4 115.8

85 54.1 41.5 77.1



#46

Tetrachloroethene

Concen: 16.565 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Tgt Ion:164 Resp: 56906

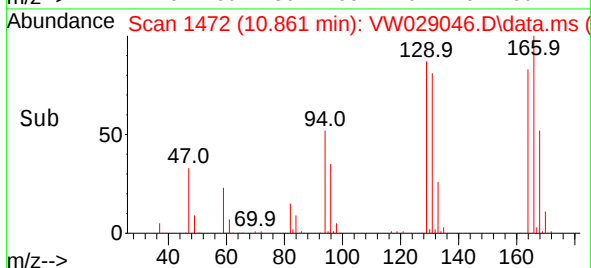
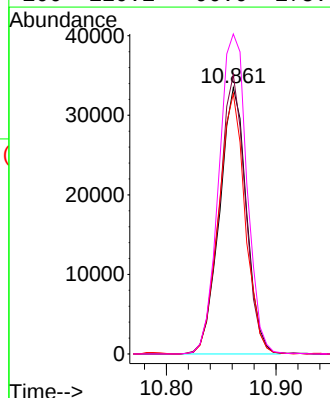
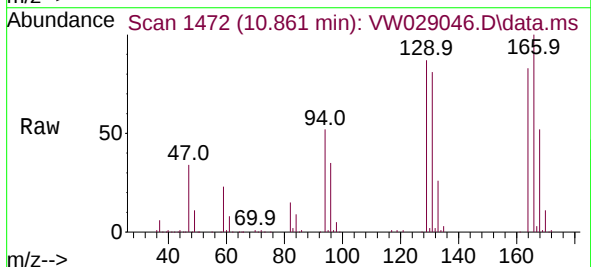
Ion Ratio Lower Upper

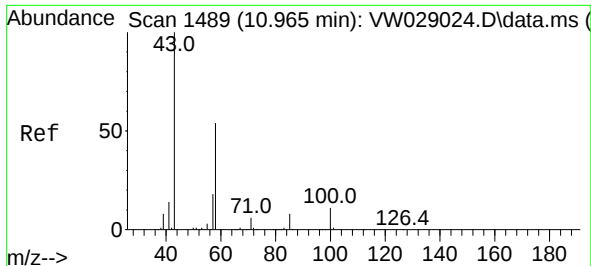
164 100

129 104.8 69.4 128.8

131 97.8 71.0 131.9

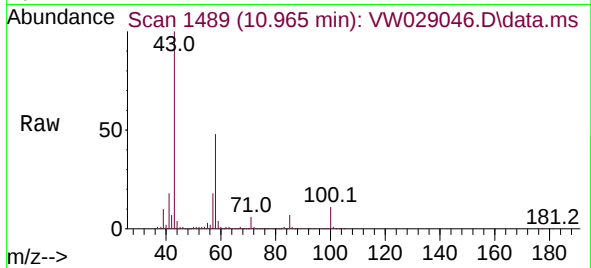
166 120.1 96.0 178.4



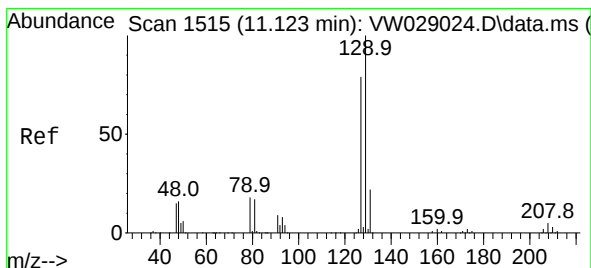
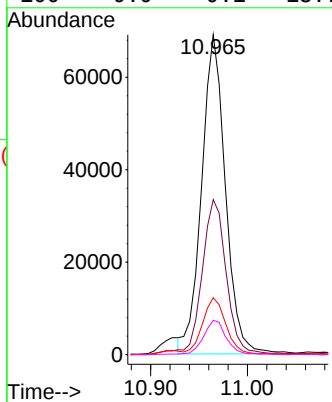
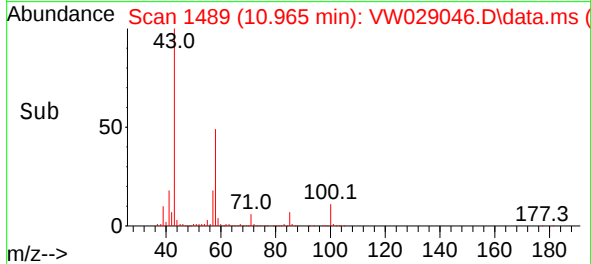


#48
2-Hexanone
Concen: 68.810 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_W
ClientSampleId :

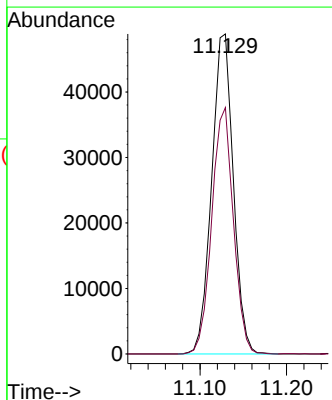
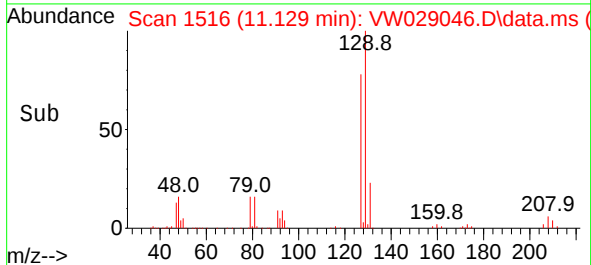
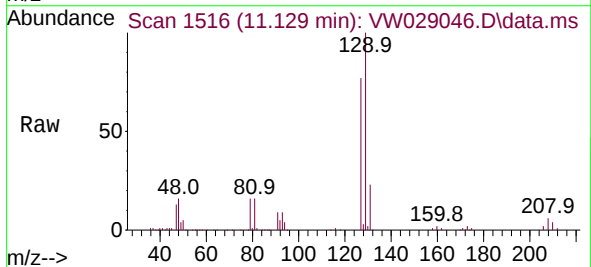


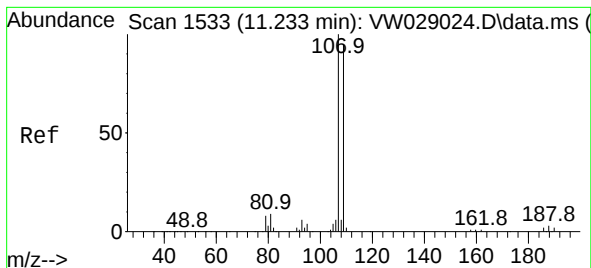
Tgt Ion: 43 Resp: 118187
Ion Ratio Lower Upper
43 100
58 49.9 41.4 62.0
57 17.2 14.2 21.4
100 9.9 9.1 13.7



#49
Dibromochloromethane
Concen: 26.459 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

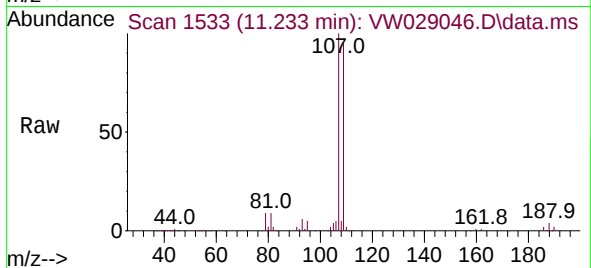
Tgt Ion:129 Resp: 85006
Ion Ratio Lower Upper
129 100
127 77.0 56.5 104.9



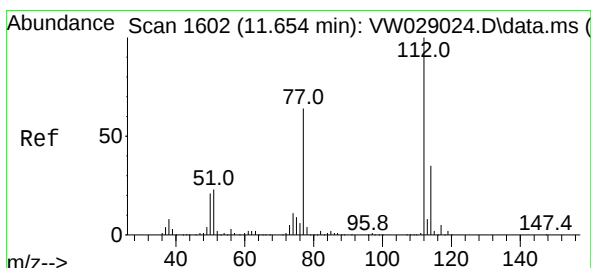
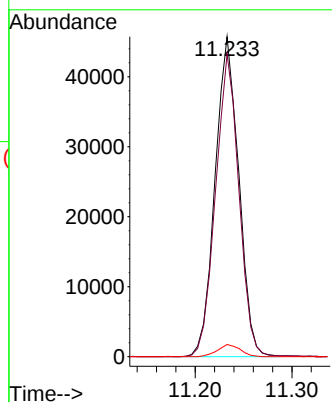
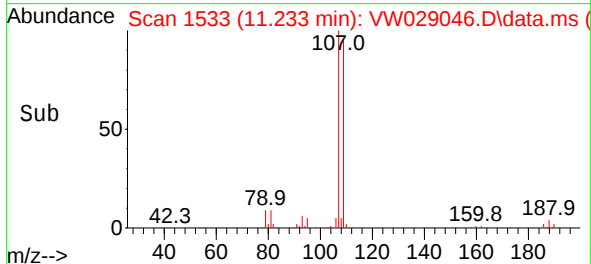


#50
1,2-Dibromoethane
Concen: 27.981 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_W
ClientSampleId :

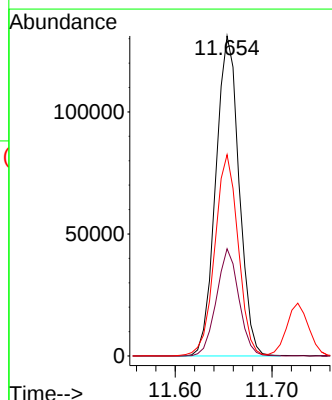
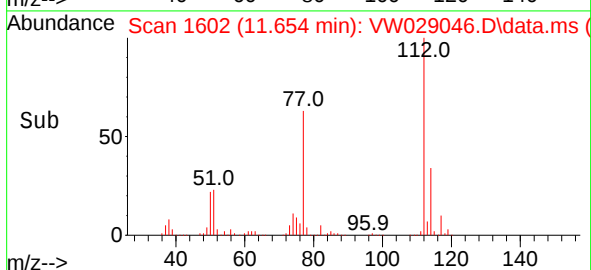
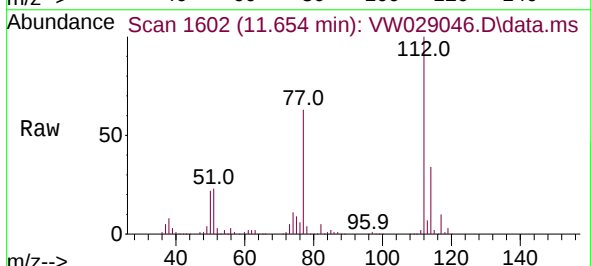


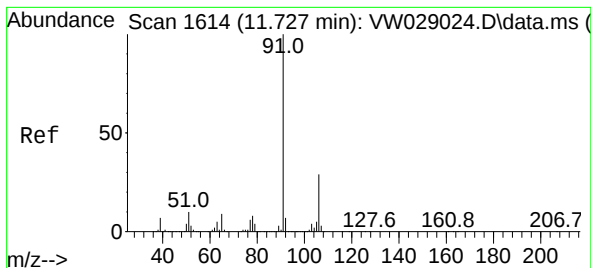
Tgt Ion:107 Resp: 77695
Ion Ratio Lower Upper
107 100
109 94.5 67.9 126.1
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 19.483 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion:112 Resp: 219901
Ion Ratio Lower Upper
112 100
114 33.5 23.7 44.1
77 62.9 51.7 77.5





#52

Ethylbenzene

Concen: 18.607 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

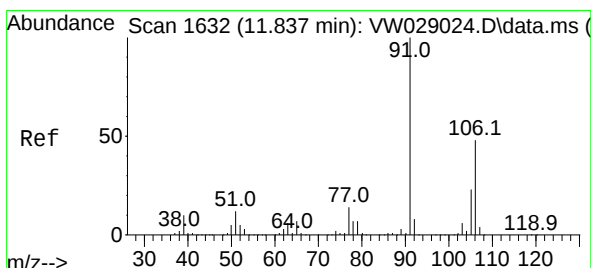
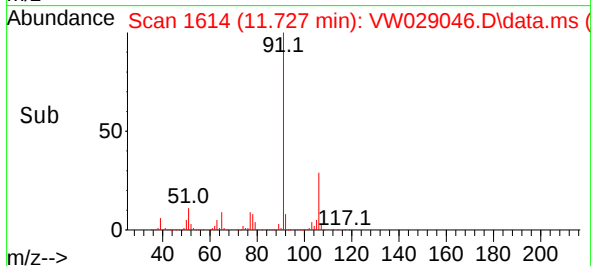
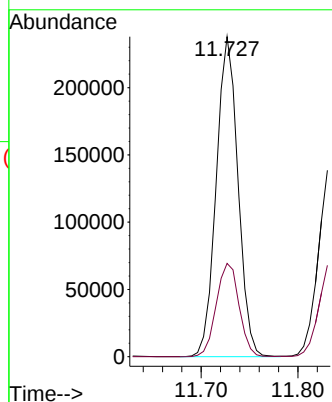
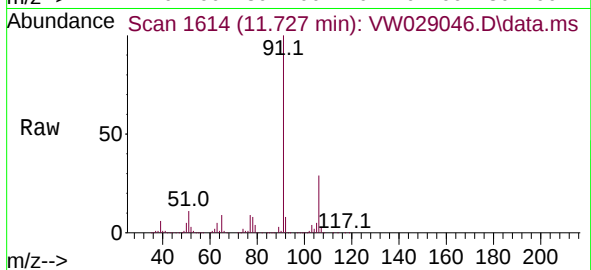
ClientSampleId :

Tgt Ion: 91 Resp: 371441

Ion Ratio Lower Upper

91 100

106 29.2 19.9 37.0



#53

m,p-Xylene

Concen: 17.810 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029046.D

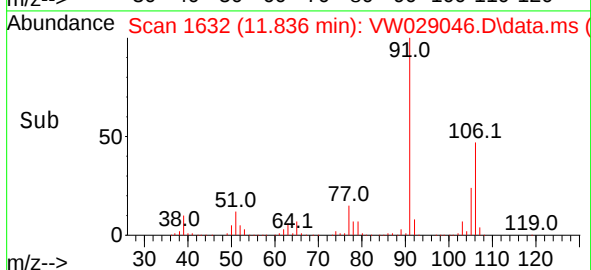
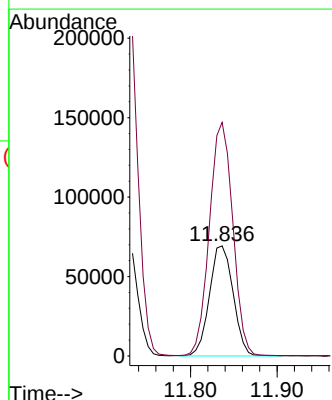
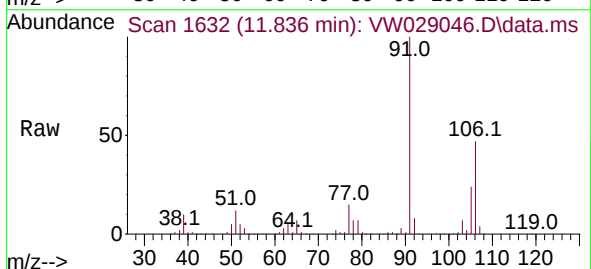
Acq: 06 Jun 2024 18:32

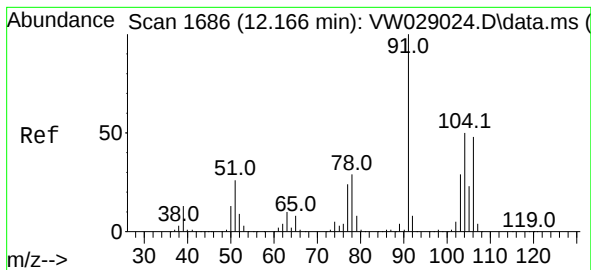
Tgt Ion:106 Resp: 131686

Ion Ratio Lower Upper

106 100

91 212.2 152.0 282.2

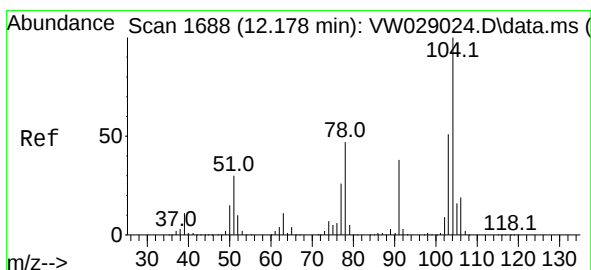
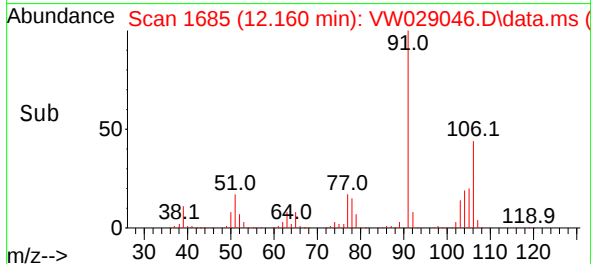
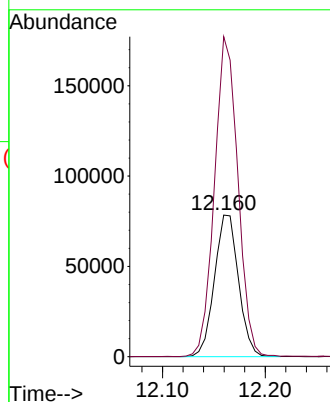
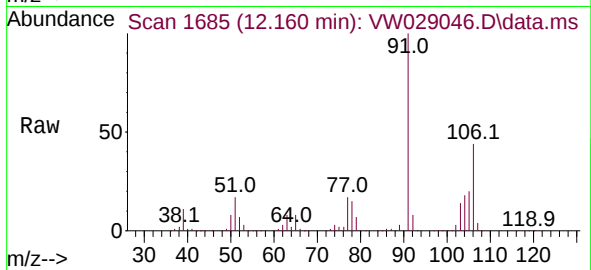




#54
o-Xylene
Concen: 18.599 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

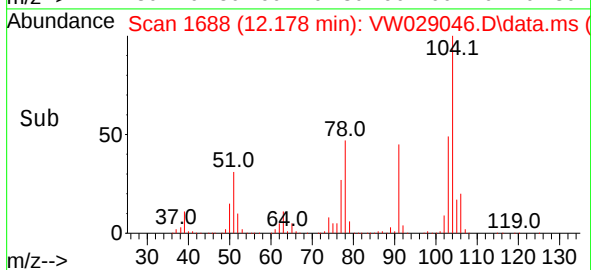
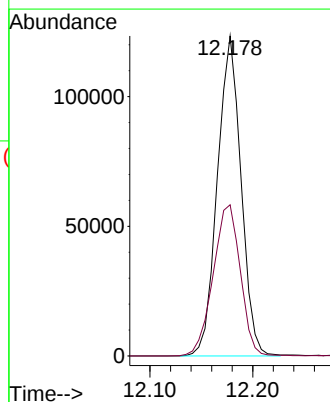
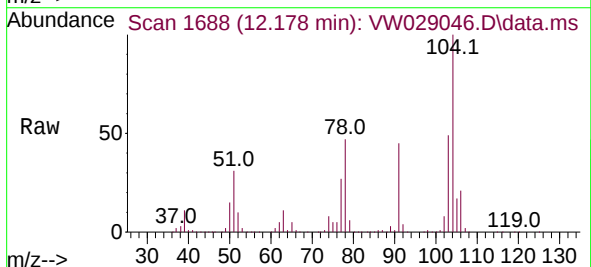
Instrument :
MSVOA_W
ClientSampleId :

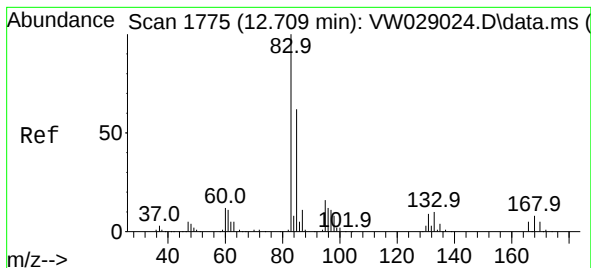
Tgt Ion:106 Resp: 127341
Ion Ratio Lower Upper
106 100
91 226.1 152.5 283.3



#55
Styrene
Concen: 16.681 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion:104 Resp: 196903
Ion Ratio Lower Upper
104 100
78 47.2 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.917 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029046.D

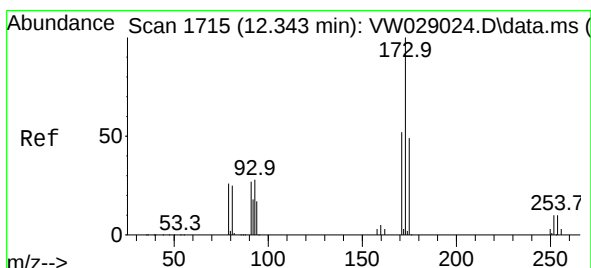
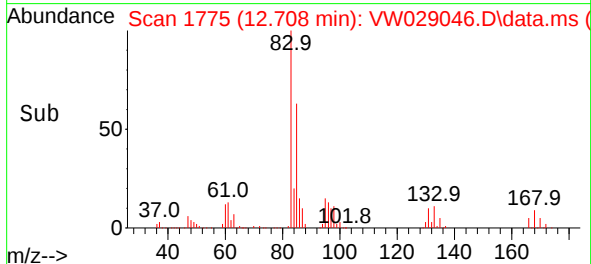
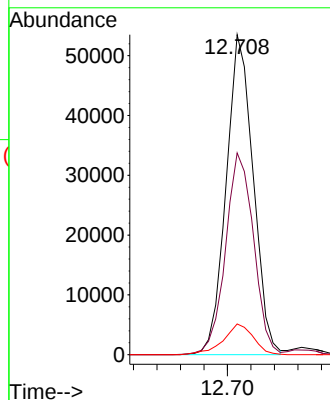
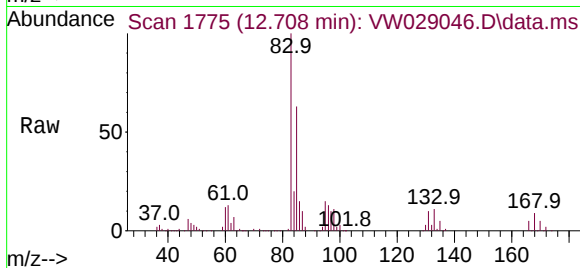
Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	85560
Ion Ratio	Lower	Upper	
83	100		
85	63.0	43.8	81.3
131	9.6	7.3	10.9



#59

Bromoform

Concen: 42.957 ug/L

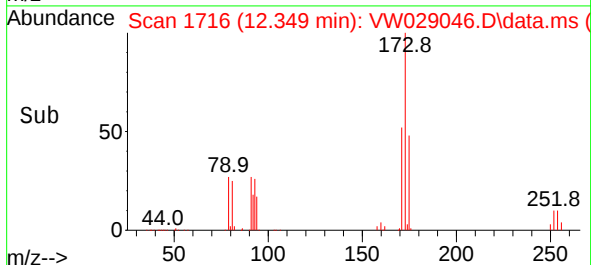
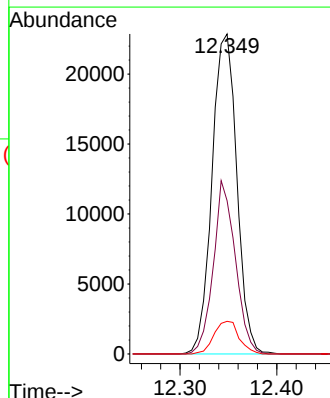
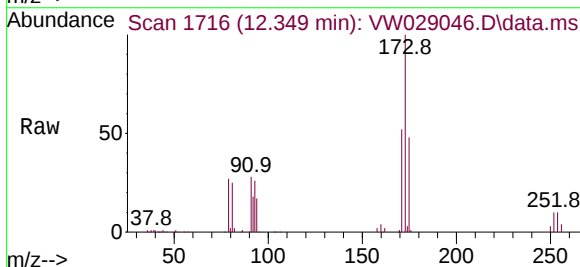
RT: 12.349 min Scan# 1716

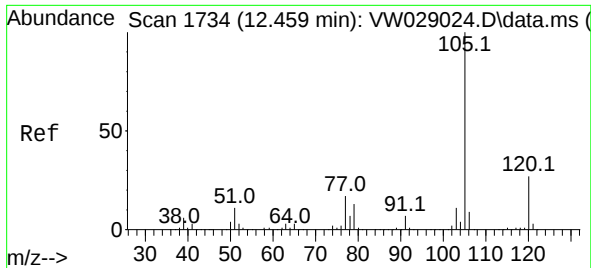
Delta R.T. 0.006 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Tgt Ion:	173	Resp:	40677
Ion Ratio	Lower	Upper	
173	100		
175	48.1	38.1	57.1
254	10.4	8.2	12.2

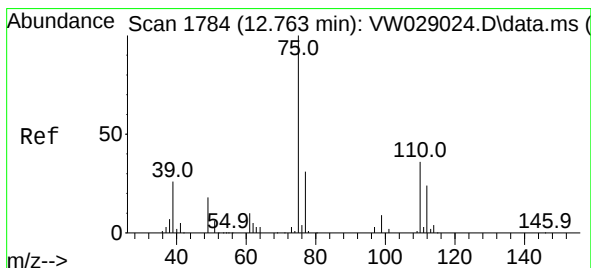
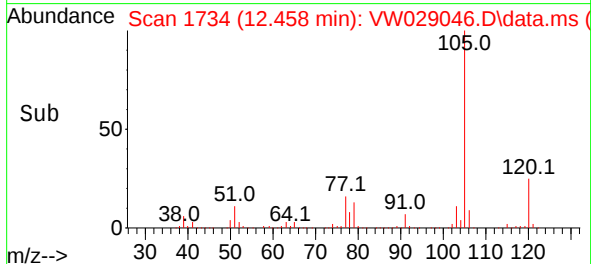
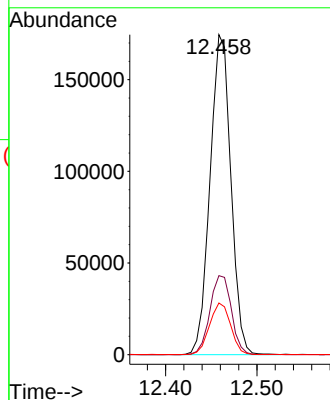
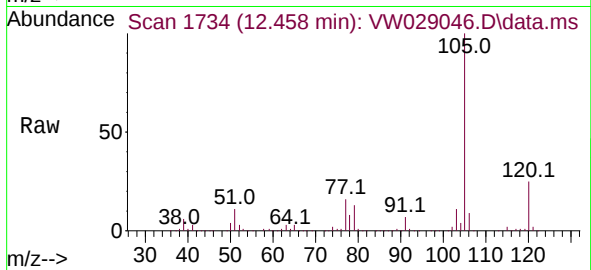




#60
Isopropylbenzene
Concen: 26.533 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

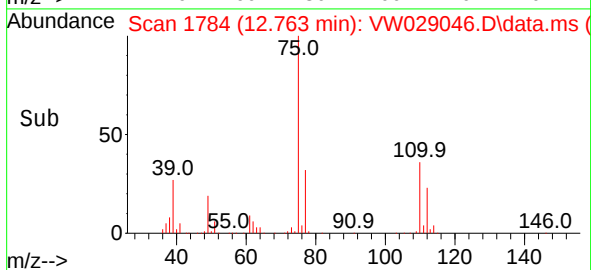
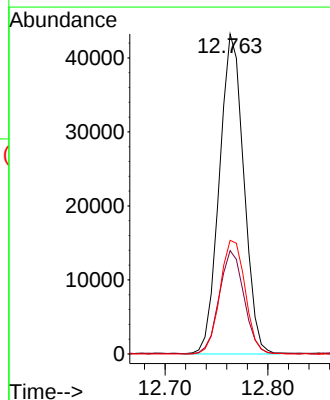
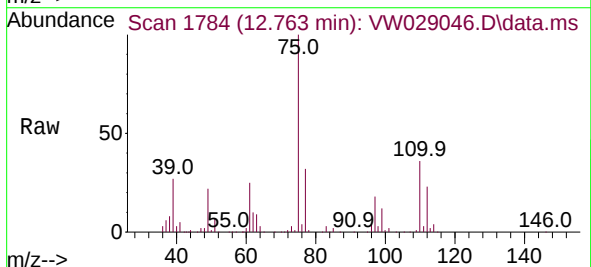
Instrument :
MSVOA_W
ClientSampleId :

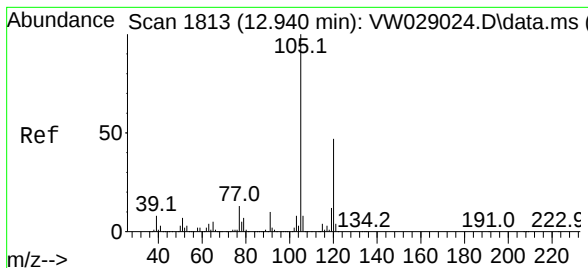
Tgt Ion:105 Resp: 276517
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.4 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 51.405 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion: 75 Resp: 71404
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5
110 36.6 29.4 44.0

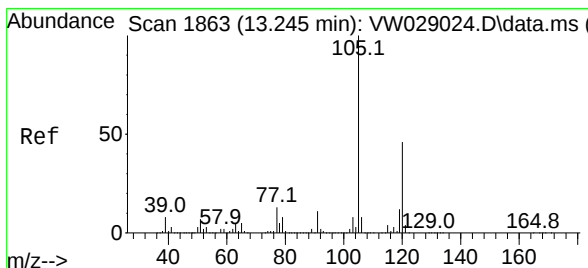
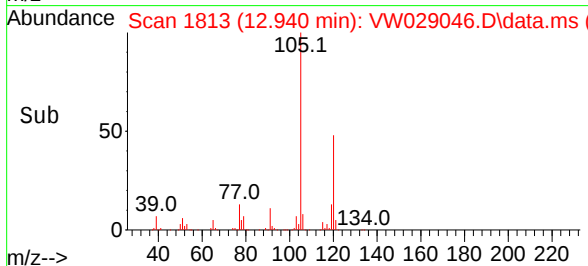
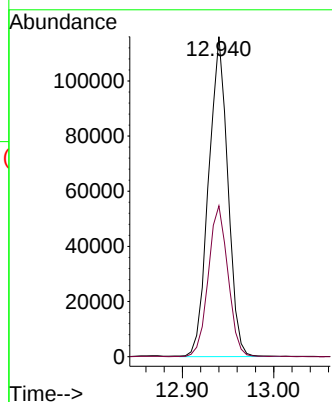
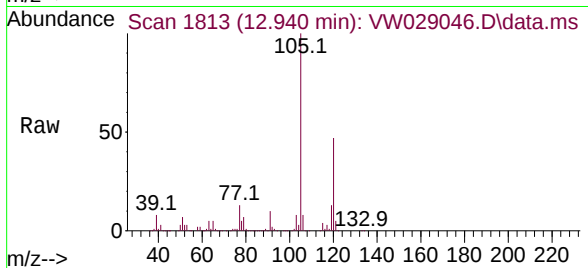




#62
1,3,5-Trimethylbenzene
Concen: 22.334 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

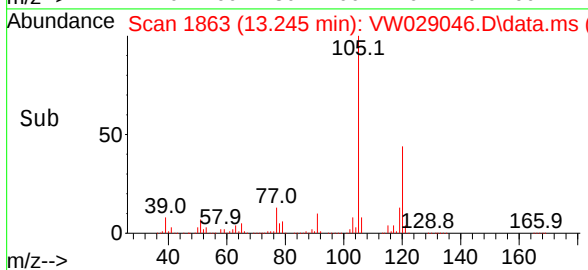
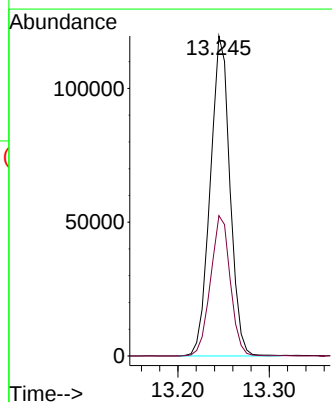
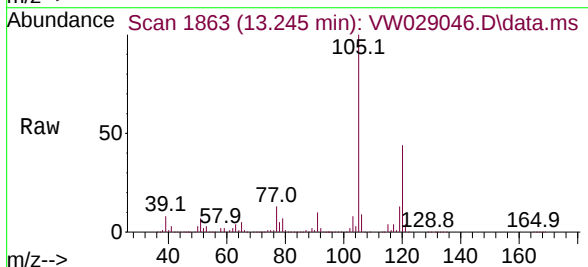
Instrument :
MSVOA_W
ClientSampleId :

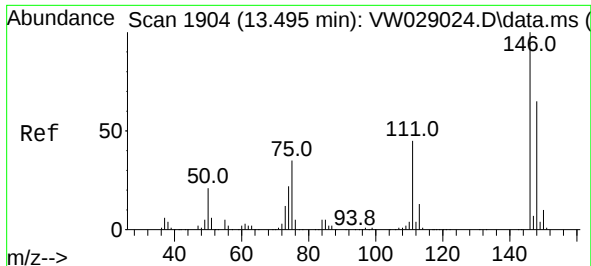
Tgt Ion:105 Resp: 169293
Ion Ratio Lower Upper
105 100
120 48.2 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 22.310 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion:105 Resp: 178723
Ion Ratio Lower Upper
105 100
120 43.9 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 19.680 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :

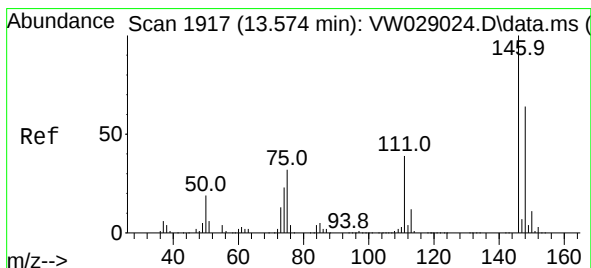
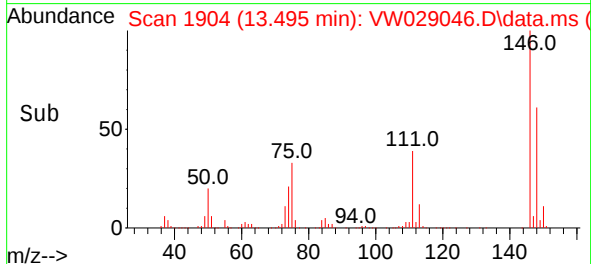
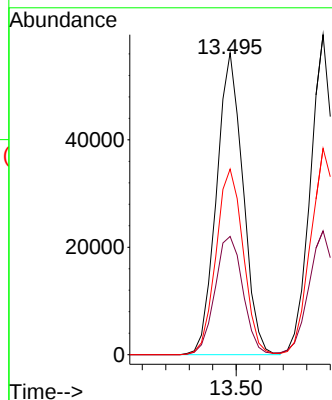
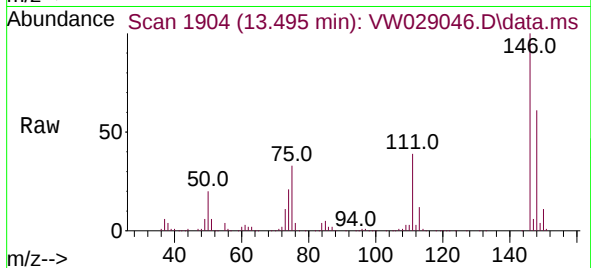
Tgt Ion:146 Resp: 88138

Ion Ratio Lower Upper

146 100

111 39.1 29.4 54.6

148 61.5 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 18.973 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

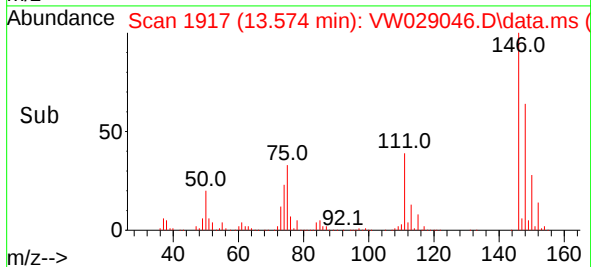
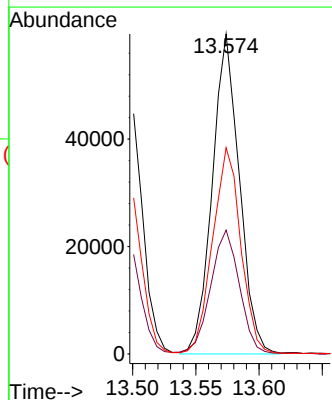
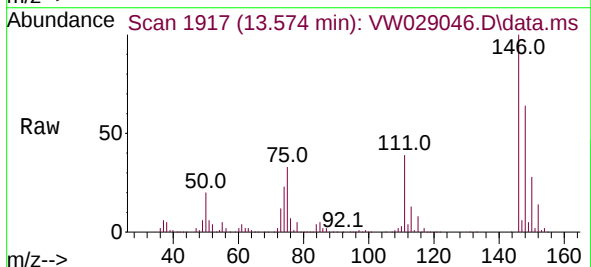
Tgt Ion:146 Resp: 88747

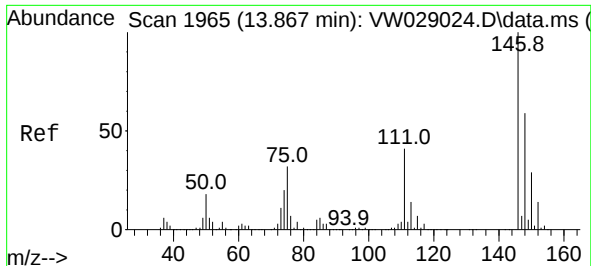
Ion Ratio Lower Upper

146 100

111 38.7 27.5 51.1

148 64.5 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 19.020 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :

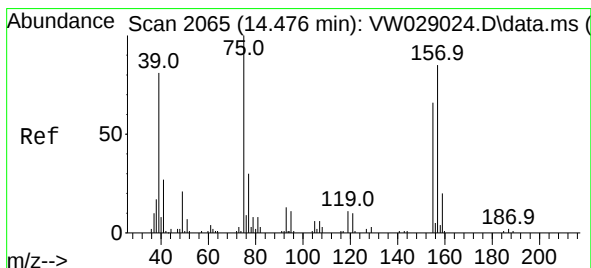
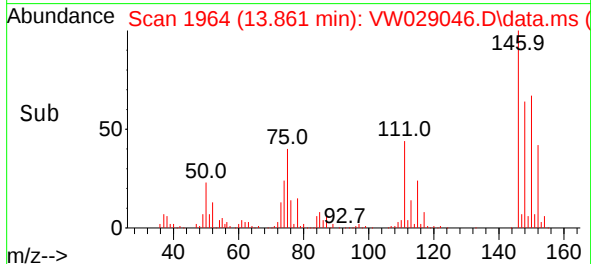
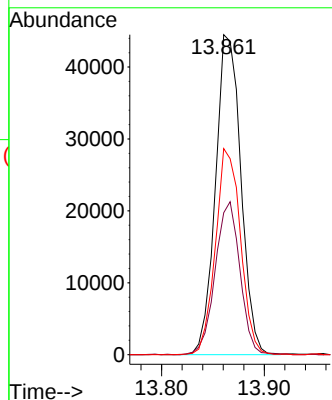
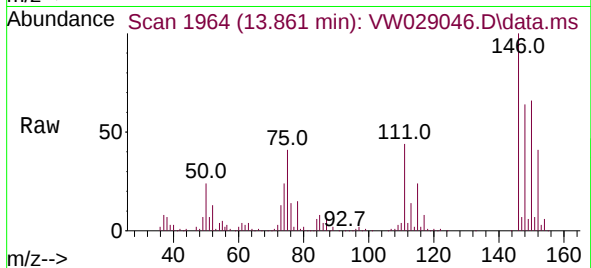
Tgt Ion:146 Resp: 76347

Ion Ratio Lower Upper

146 100

111 44.4 32.8 49.2

148 64.4 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 41.626 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

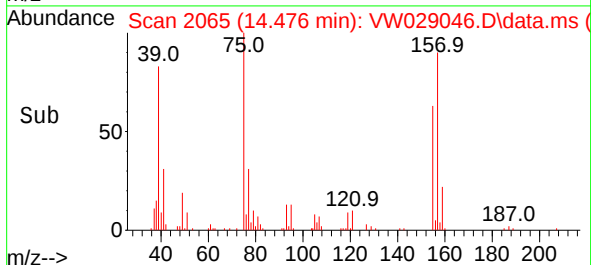
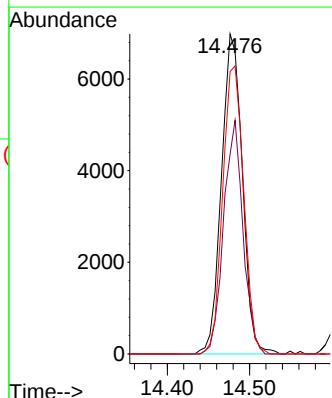
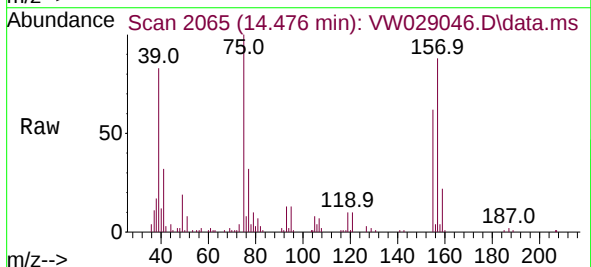
Tgt Ion: 75 Resp: 12324

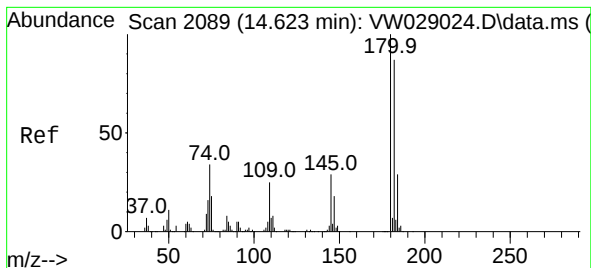
Ion Ratio Lower Upper

75 100

155 62.4 52.3 78.5

157 88.2 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 10.227 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

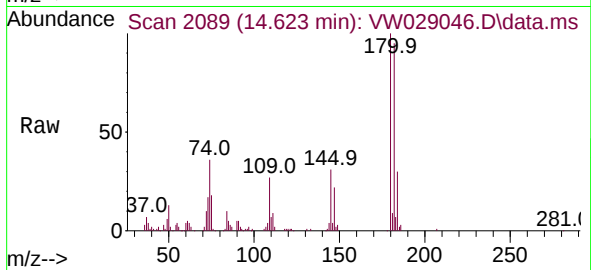
Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 31449

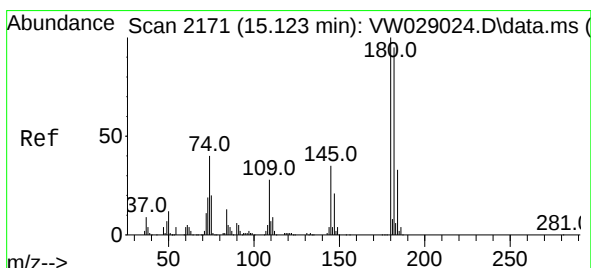
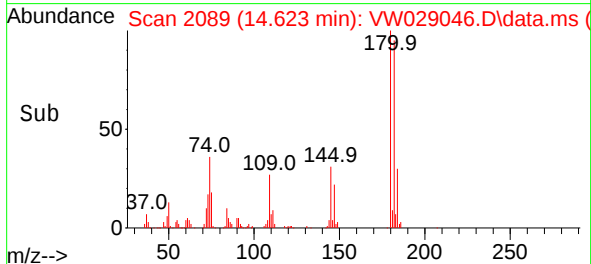
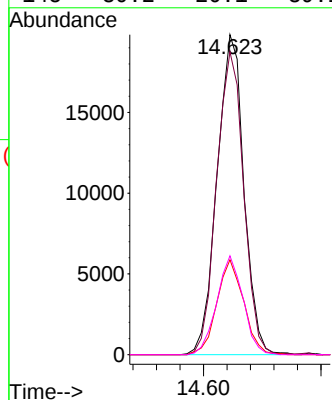
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.0

184 29.6 24.6 36.8

145 30.2 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 8.332 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029046.D

Acq: 06 Jun 2024 18:32

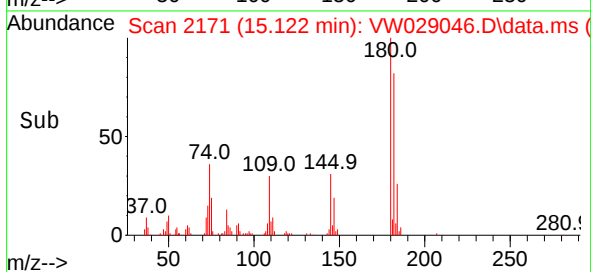
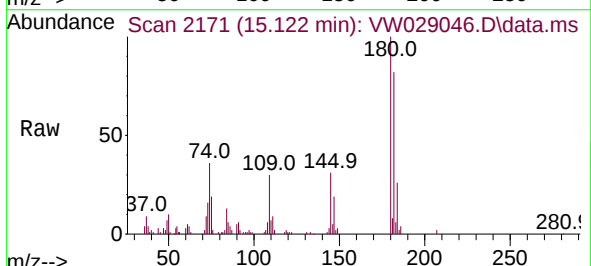
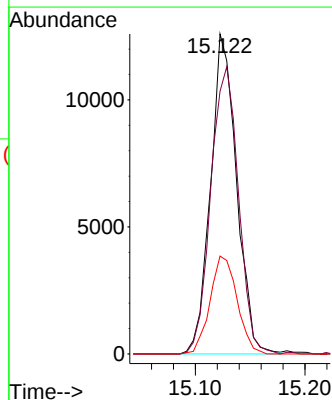
Tgt Ion:180 Resp: 20766

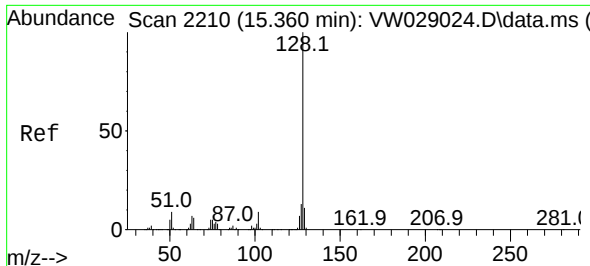
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

145 31.9 26.2 39.2

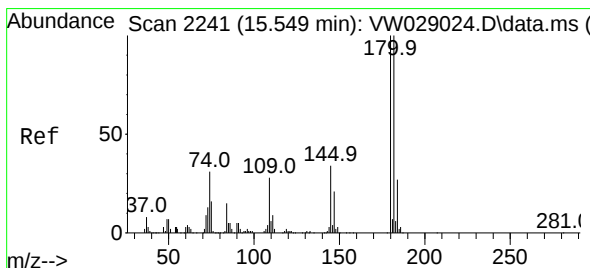
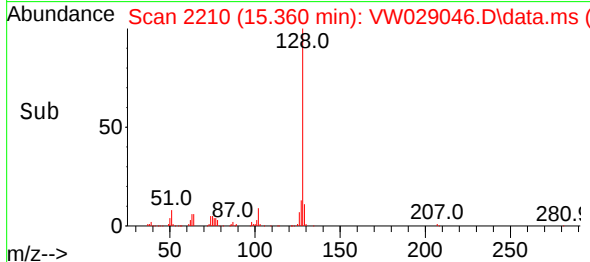
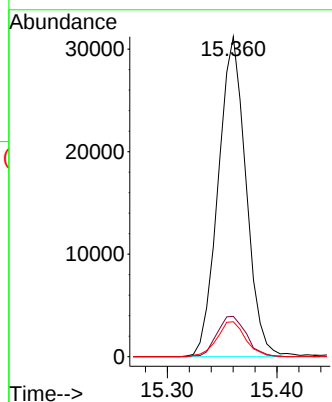
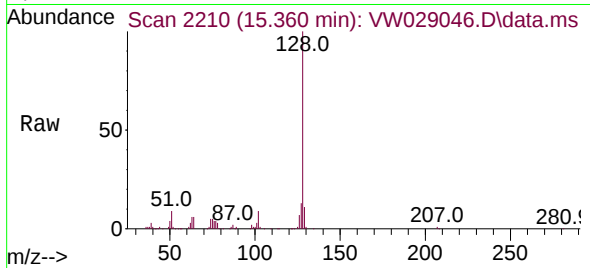




#71
Naphthalene
Concen: 12.909 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 54818
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 7.220 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW029046.D
Acq: 06 Jun 2024 18:32

Tgt Ion:180 Resp: 15373
Ion Ratio Lower Upper
180 100
182 101.1 75.4 113.0
145 37.1 26.6 39.8

