

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
 Data File : VW029144.D
 Acq On : 13 Jun 2024 22:54
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 05:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 05:21:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	234591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70855	19.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.040%
7) Chloroethane-d5	2.899	69	64935	22.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	4.027	65	32861	20.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	7.075	46	59038	77.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.060%#
24) Chloroform-d	7.648	84	172320	25.748	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	8.307	65	102421	29.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.280%
32) Benzene-d6	8.276	84	313555	22.025	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	9.270	67	102009	23.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	10.319	98	273929	21.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	10.575	79	39110	23.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.320%
47) 2-Hexanone-d5	10.922	63	40013	70.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94468	31.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.000%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91935	22.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	49003	18.293	ug/L	100
3) Chloromethane	2.222	50	79567	24.312	ug/L	97
5) Vinyl chloride	2.375	62	91938	23.208	ug/L	100
6) Bromomethane	2.789	94	59164	24.926	ug/L	95
8) Chloroethane	2.936	64	61645	25.767	ug/L	100
9) Trichlorofluoromethane	3.265	101	71027	21.569	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	74503	22.930	ug/L	95
12) 1,1-Dichloroethene	4.051	96	72056	24.300	ug/L	88
13) Acetone	4.118	43	43450	54.451	ug/L	97
14) Carbon disulfide	4.393	76	225885	22.500	ug/L	100
15) Methyl Acetate	4.667	43	50120	37.818	ug/L	100
16) Methylene chloride	4.917	84	94217	26.760	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	82750	25.595	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	144941	32.149	ug/L	98
19) 1,1-Dichloroethane	6.216	63	176956	27.839	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	94173	27.784	ug/L	90
22) 2-Butanone	7.173	43	67757	70.467	ug/L	98
23) Bromochloromethane	7.514	128	42560	28.765	ug/L	92
25) Chloroform	7.673	83	177071	28.682	ug/L	98

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 Response via : Initial Calibration

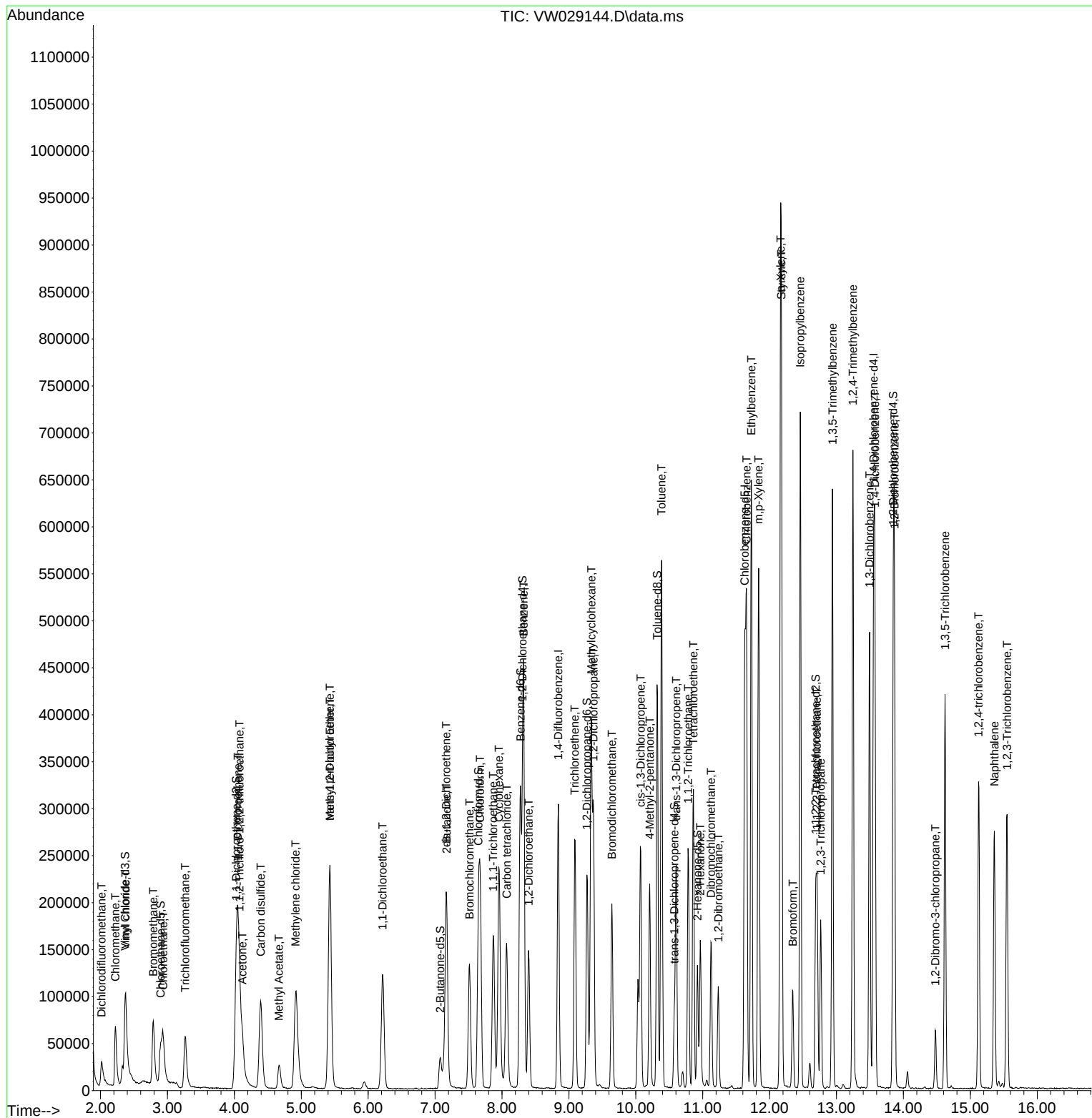
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134982	32.627	ug/L	100
29) Cyclohexane	7.953	56	130000	22.542	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	131331	24.437	ug/L	97
31) Carbon tetrachloride	8.069	117	114525	23.396	ug/L	100
33) Benzene	8.325	78	375127	26.010	ug/L	100
34) Trichloroethene	9.087	95	92959	24.517	ug/L	97
35) Methylcyclohexane	9.337	83	144651	22.489	ug/L	99
37) 1,2-Dichloropropane	9.368	63	103835	27.493	ug/L	100
38) Bromodichloromethane	9.642	83	127243	27.625	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	147552	26.883	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	147304	76.680	ug/L	97
42) Toluene	10.386	91	388801	26.389	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124196	28.068	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76006	29.798	ug/L	98
46) Tetrachloroethene	10.861	164	65979	22.904	ug/L	90
48) 2-Hexanone	10.965	43	99397	69.012	ug/L	98
49) Dibromochloromethane	11.123	129	78710	29.216	ug/L	96
50) 1,2-Dibromoethane	11.233	107	69704	29.936	ug/L	100
51) Chlorobenzene	11.654	112	244131	25.795	ug/L	97
52) Ethylbenzene	11.727	91	433389	25.889	ug/L	97
53) m,p-Xylene	11.837	106	163195	26.320	ug/L	89
54) o-Xylene	12.166	106	157588	27.449	ug/L	96
55) Styrene	12.178	104	279203	28.207	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	94504	32.820	ug/L	95
59) Bromoform	12.349	173	44614	30.414	ug/L	97
60) Isopropylbenzene	12.458	105	428886	26.566	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72859	33.860	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	312156	26.584	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	347322	27.989	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	178332	25.704	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	185812	25.643	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	169249	27.218	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	15388	33.552	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	118211	24.816	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	93076	24.108	ug/L	98
71) Naphthalene	15.360	128	219201	33.323	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	91823	27.837	ug/L	97

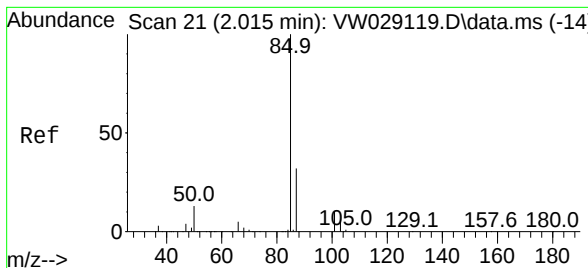
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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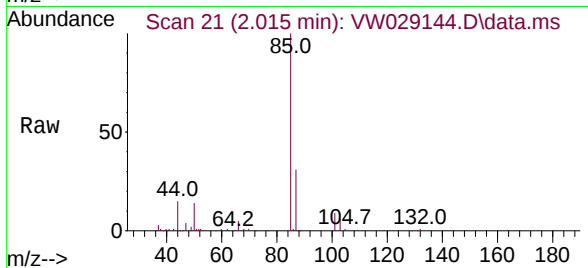
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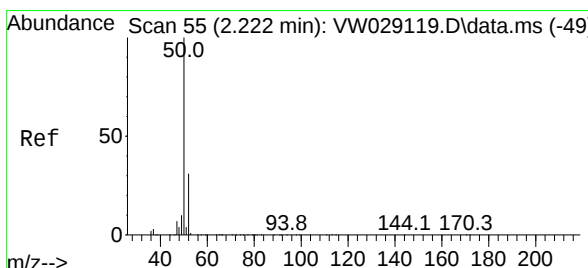
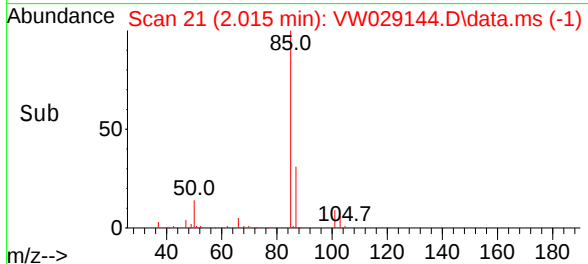
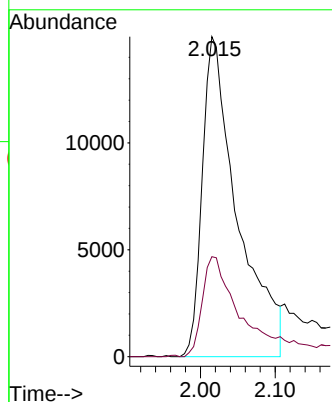


#2
 Dichlorodifluoromethane
 Concen: 18.293 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

Instrument :
 MSVOA_W
 ClientSampleId :

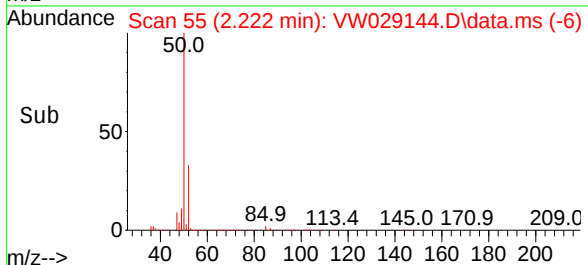
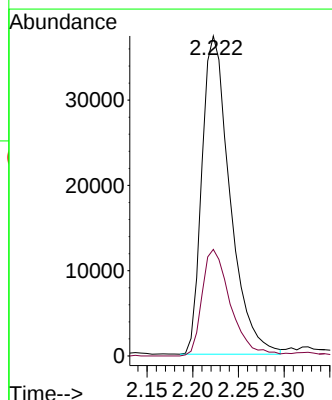
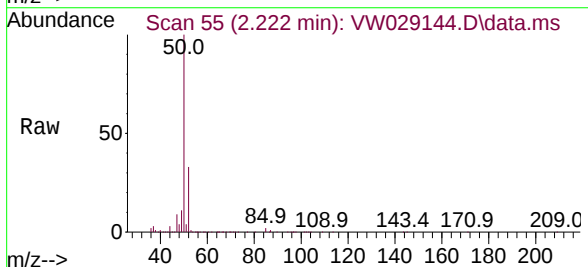


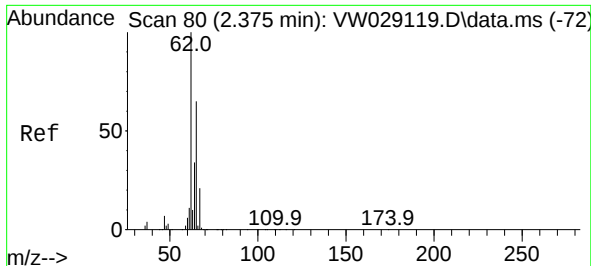
Tgt Ion: 85 Resp: 49003
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.3 37.9



#3
 Chloromethane
 Concen: 24.312 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

Tgt Ion: 50 Resp: 79567
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.1 41.1

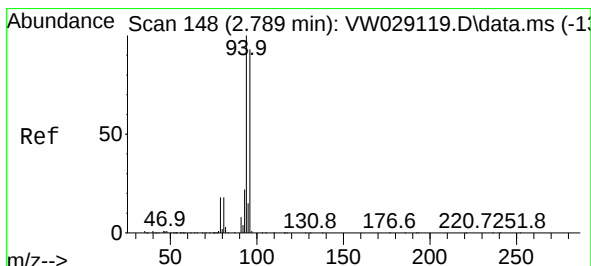
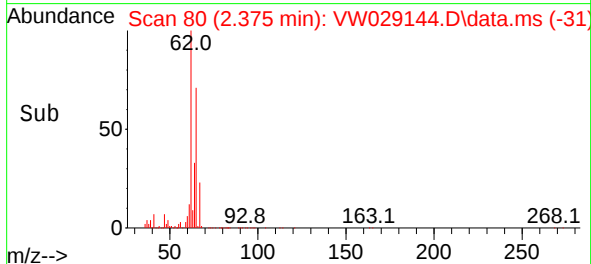
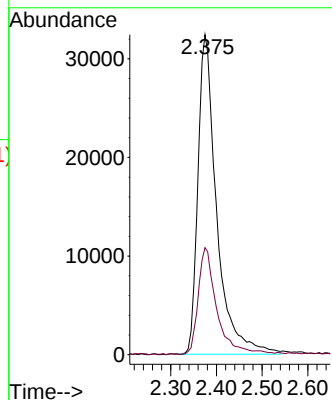
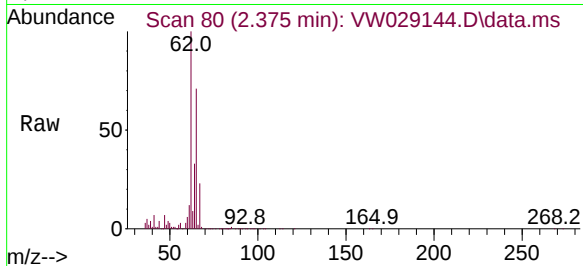




#5
 Vinyl chloride
 Concen: 23.208 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

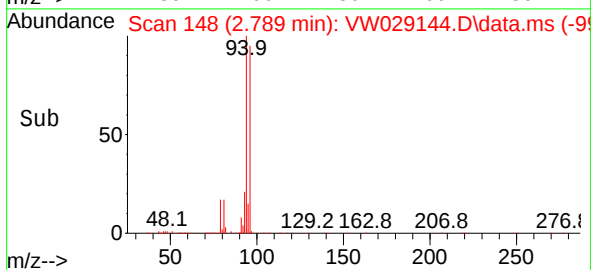
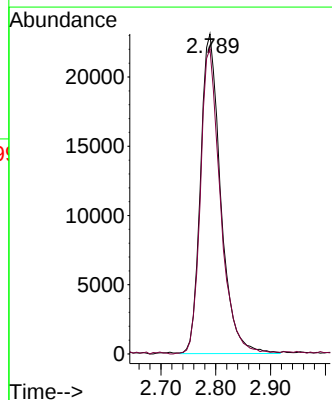
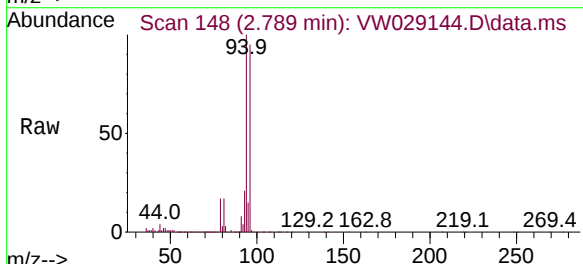
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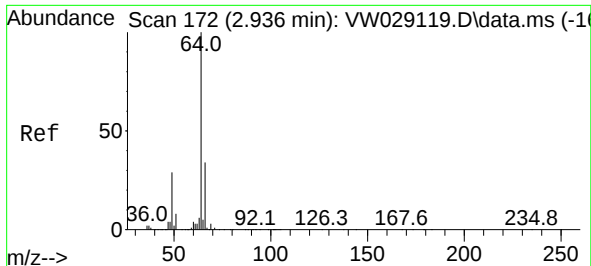
Tgt Ion: 62 Resp: 91938
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 24.926 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

Tgt Ion: 94 Resp: 59164
 Ion Ratio Lower Upper
 94 100
 96 95.3 63.7 118.3

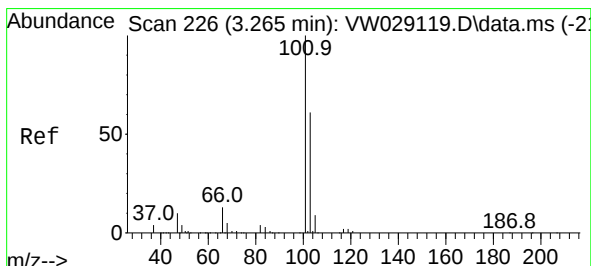
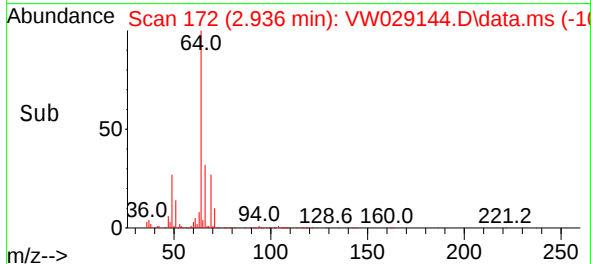
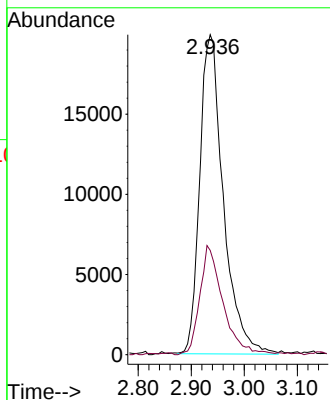
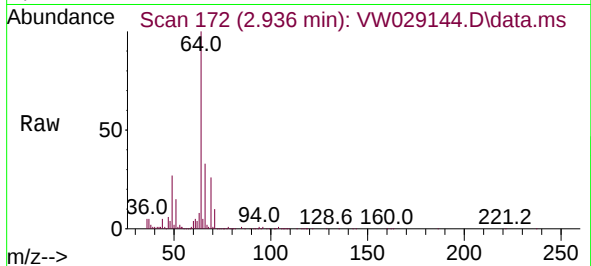




#8
Chloroethane
Concen: 25.767 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

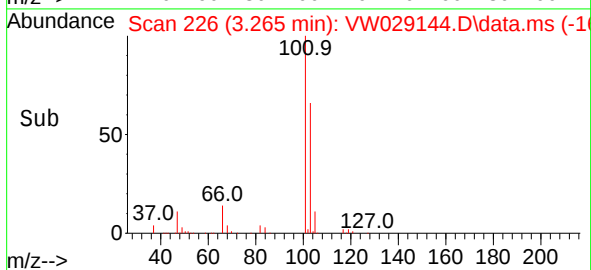
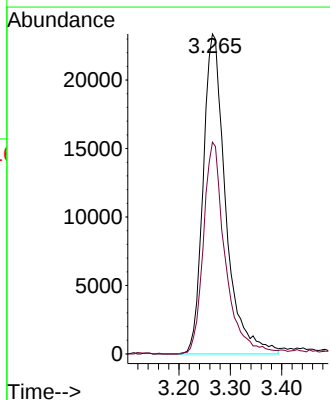
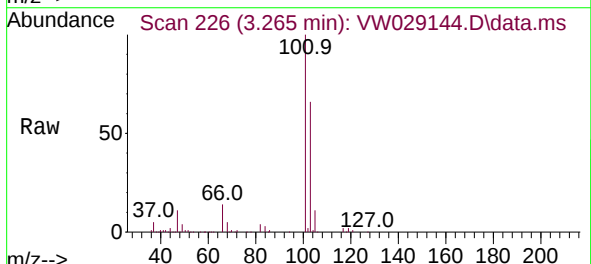
Instrument :
MSVOA_W
ClientSampleId :

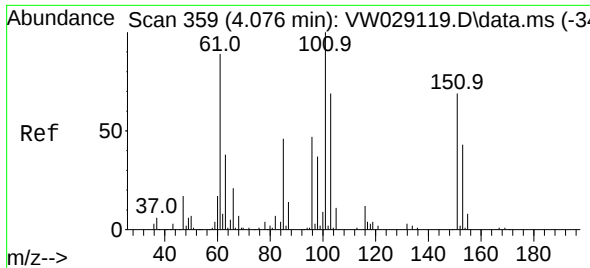
Tgt Ion: 64 Resp: 61645
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.569 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

Tgt Ion:101 Resp: 71027
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

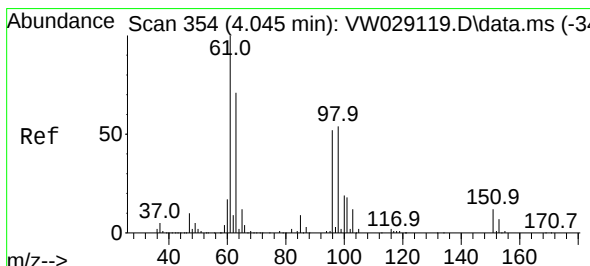
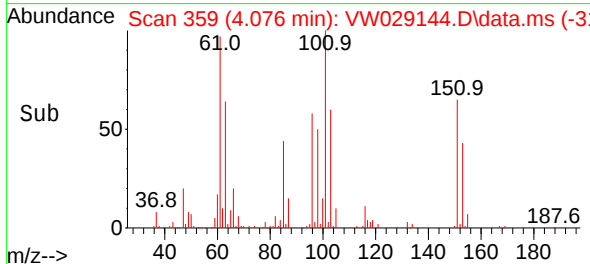
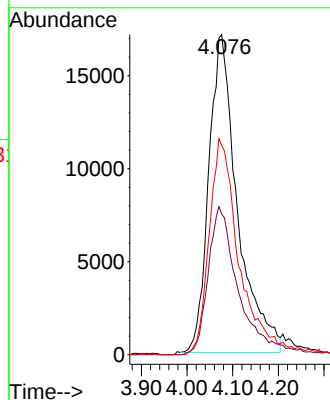
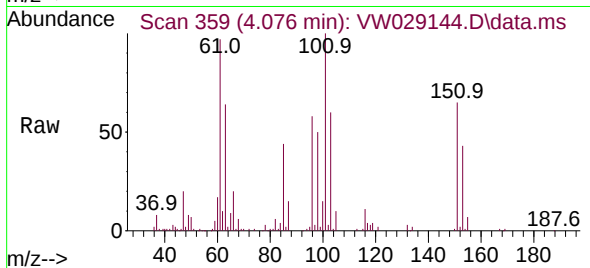




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.930 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

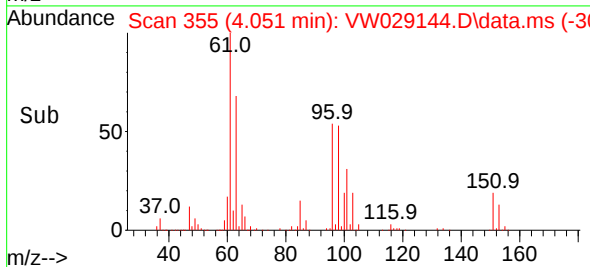
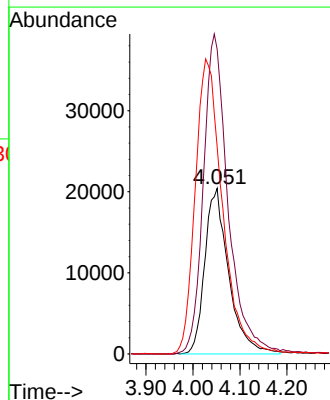
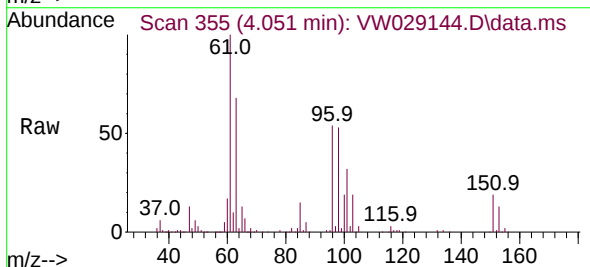
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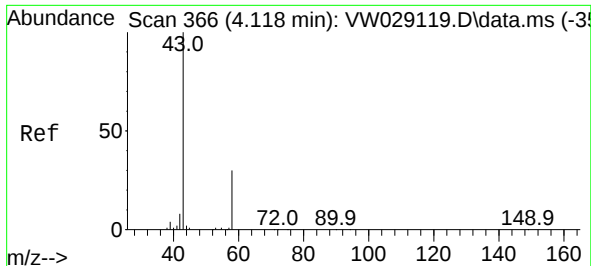
Tgt Ion:101 Resp: 74503
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.8 53.8
 151 68.4 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 24.300 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

Tgt Ion: 96 Resp: 72056
 Ion Ratio Lower Upper
 96 100
 61 184.0 132.2 245.4
 63 125.1 108.4 201.2

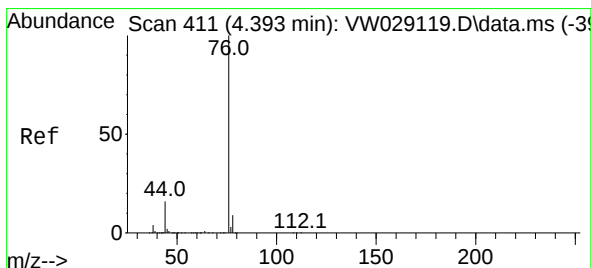
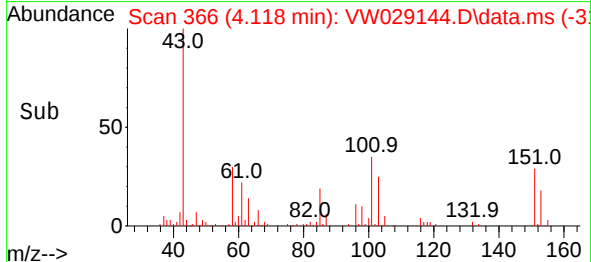
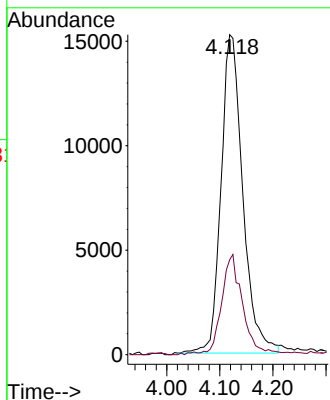
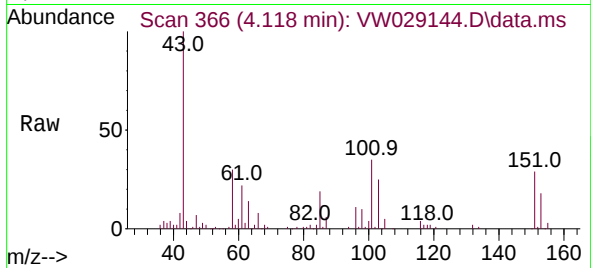




#13
Acetone
Concen: 54.451 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029144.D
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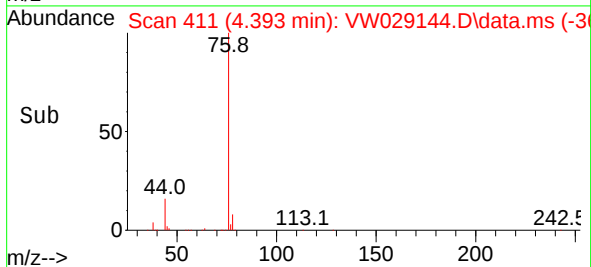
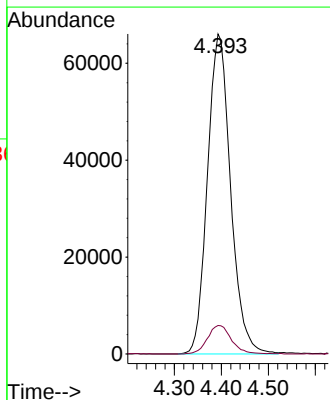
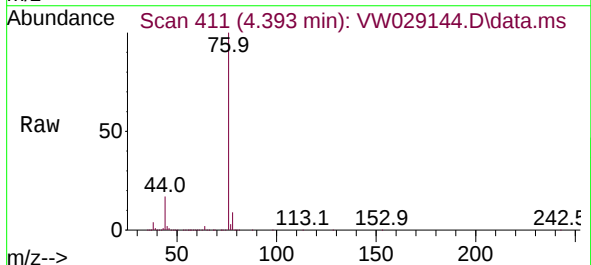
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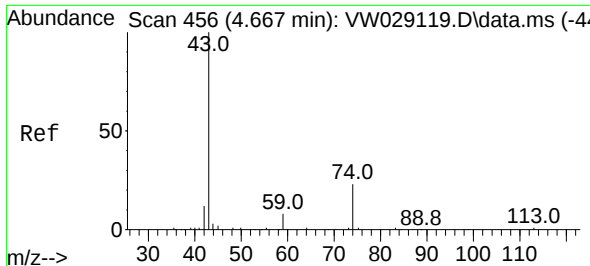
Tgt Ion: 43 Resp: 43450
Ion Ratio Lower Upper
43 100
58 27.9 0.0 59.4



#14
Carbon disulfide
Concen: 22.500 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 225885
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

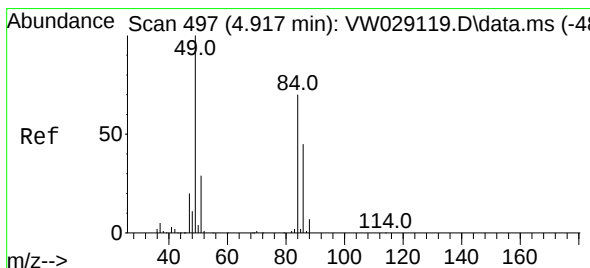
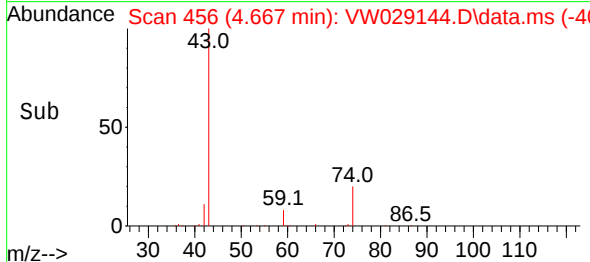
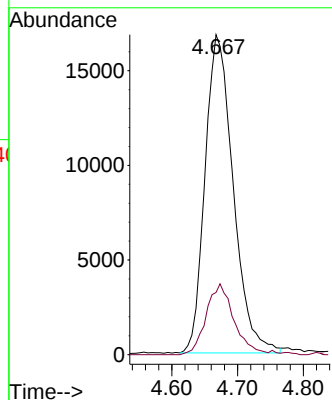
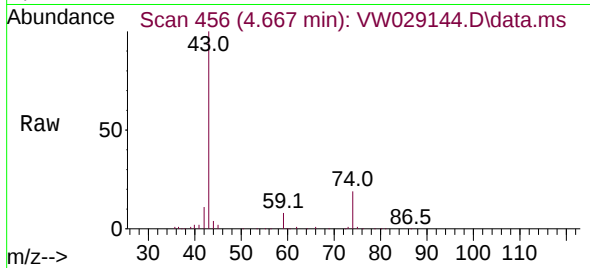




#15
Methyl Acetate
Concen: 37.818 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

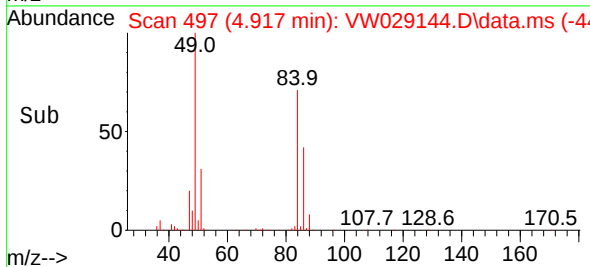
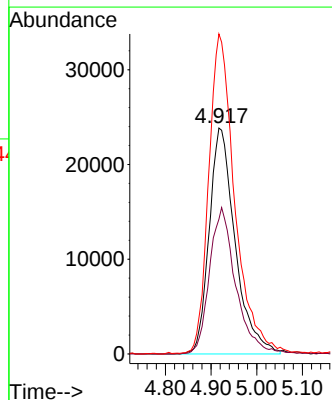
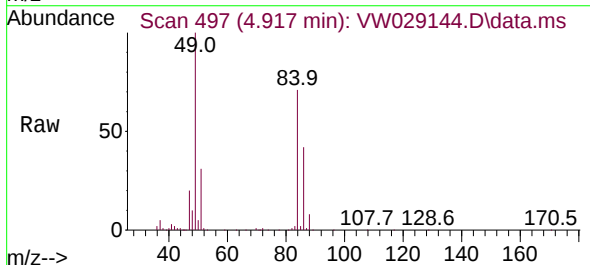
Instrument :
MSVOA_W
ClientSampleId :

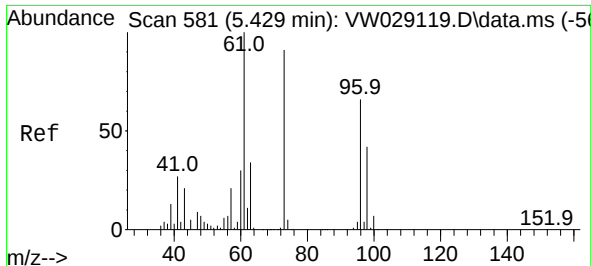
Tgt Ion: 43 Resp: 50120
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 26.760 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

Tgt Ion: 84 Resp: 94217
Ion Ratio Lower Upper
84 100
86 59.6 43.8 81.4
49 141.7 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 25.595 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

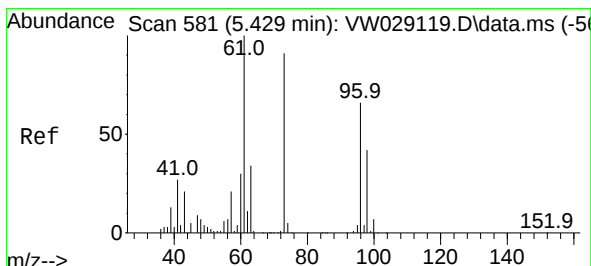
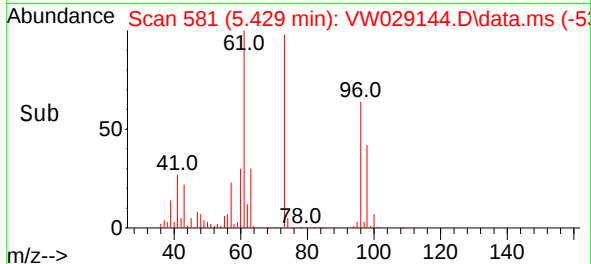
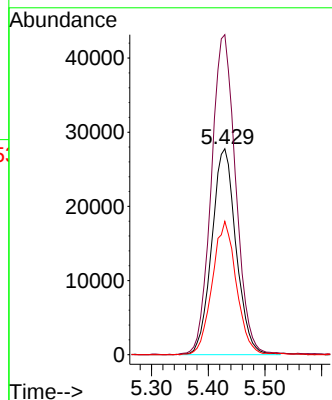
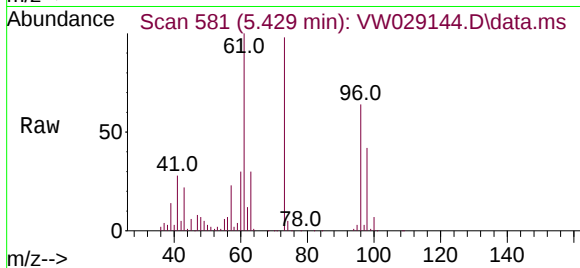
Tgt Ion: 96 Resp: 82750

Ion Ratio Lower Upper

96 100

61 155.4 104.6 194.2

98 64.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 32.149 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

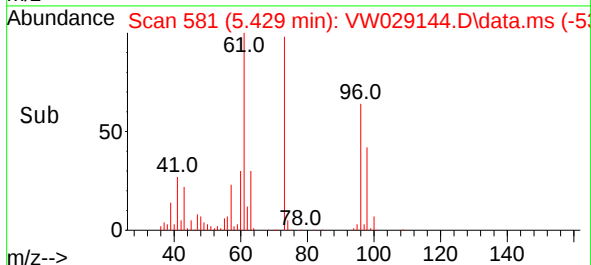
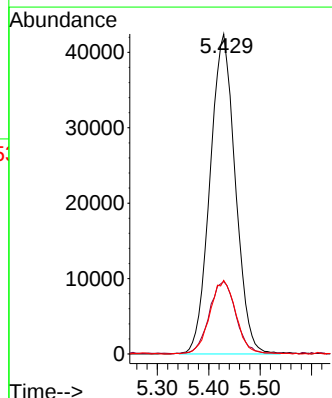
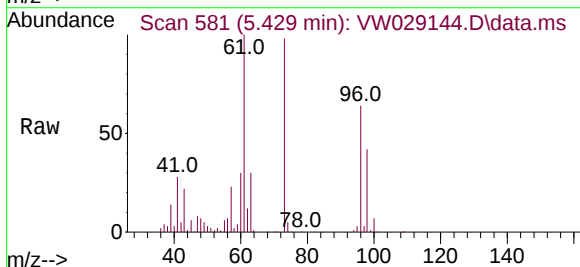
Tgt Ion: 73 Resp: 144941

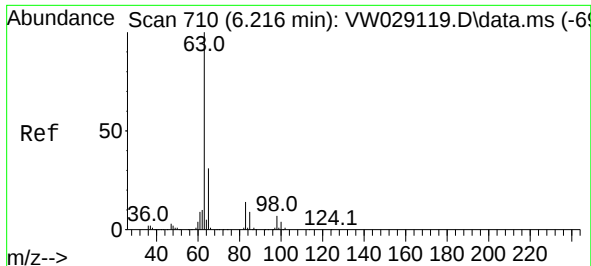
Ion Ratio Lower Upper

73 100

43 24.1 17.8 26.6

57 23.3 18.4 27.6





#19

1,1-Dichloroethane

Concen: 27.839 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

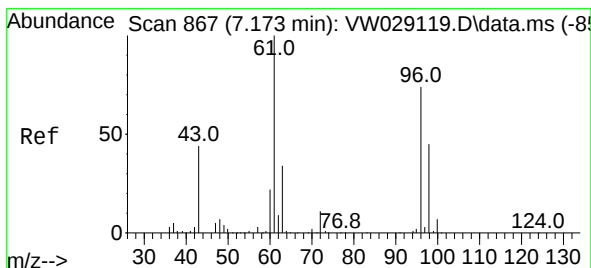
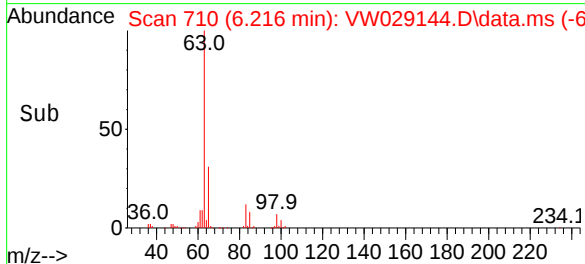
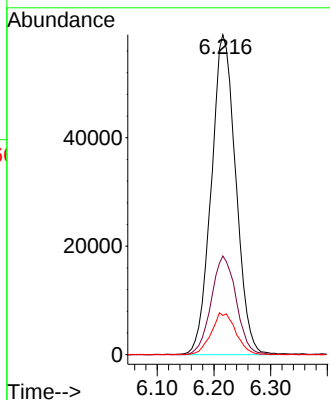
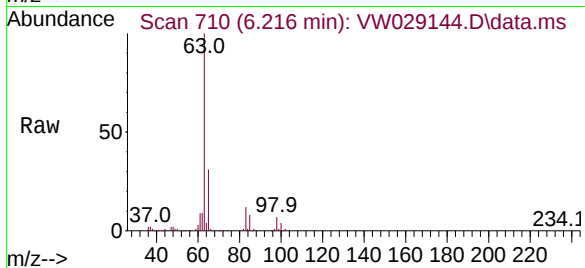
Tgt Ion: 63 Resp: 176956

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.6

83 12.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 27.784 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

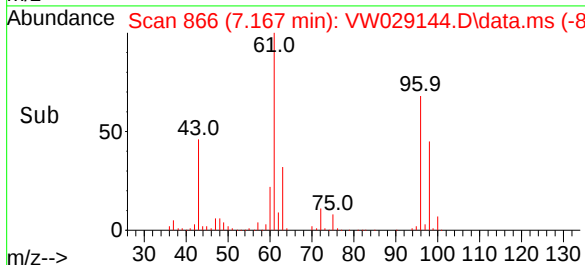
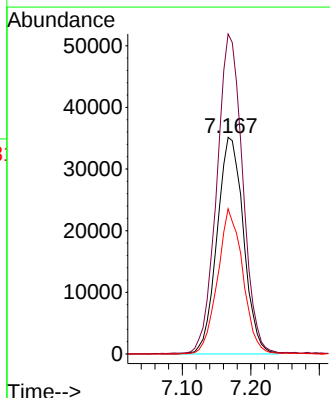
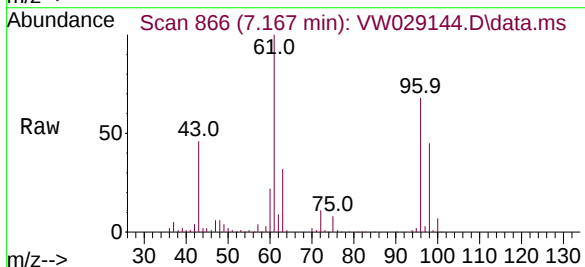
Tgt Ion: 96 Resp: 94173

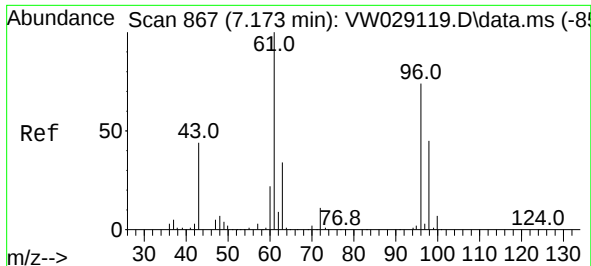
Ion Ratio Lower Upper

96 100

61 147.7 92.9 172.5

98 67.0 45.2 84.0

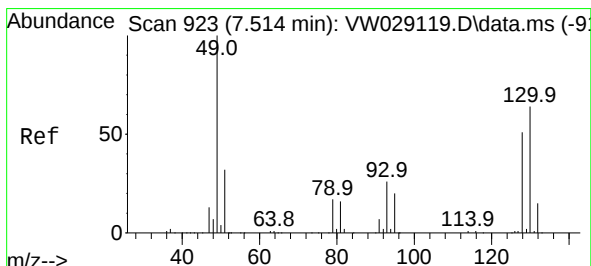
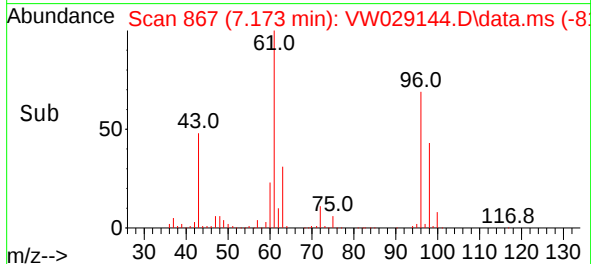
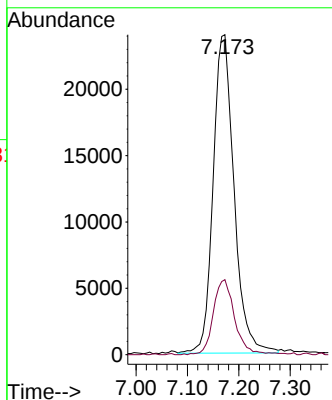
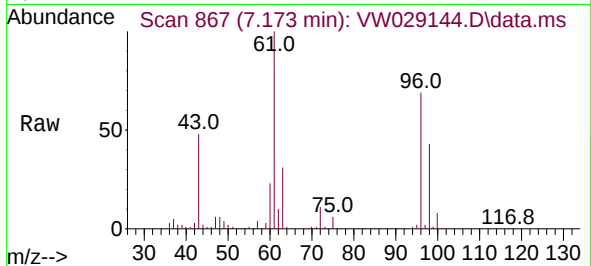




#22
2-Butanone
Concen: 70.467 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

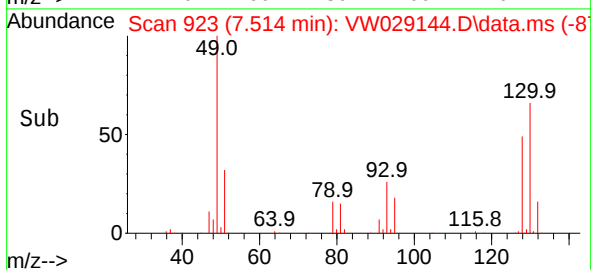
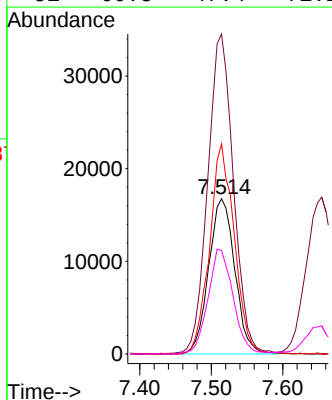
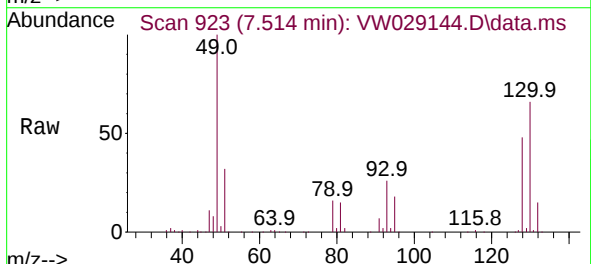
Instrument :
MSVOA_W
ClientSampleId :

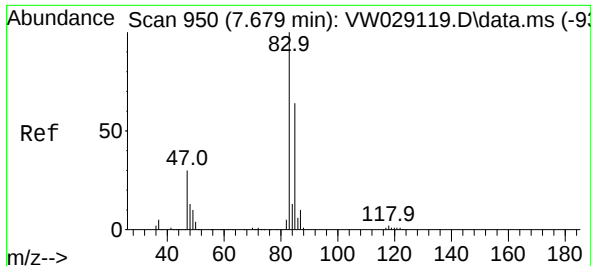
Tgt Ion: 43 Resp: 67757
Ion Ratio Lower Upper
43 100
72 23.8 12.5 37.5



#23
Bromochloromethane
Concen: 28.765 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

Tgt Ion: 128 Resp: 42560
Ion Ratio Lower Upper
128 100
49 206.3 135.9 252.3
130 135.4 89.0 165.2
51 66.8 47.4 71.2





#25

Chloroform

Concen: 28.682 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

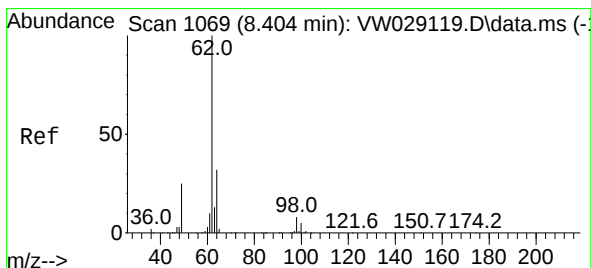
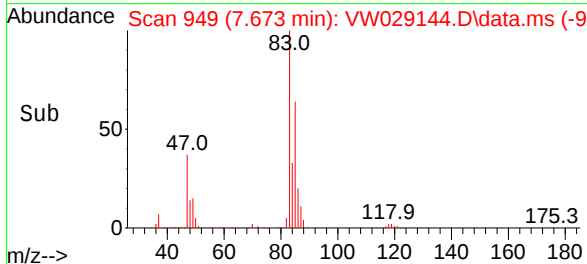
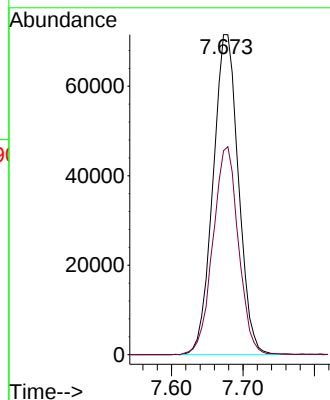
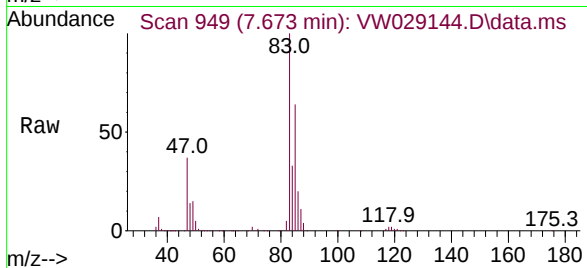
ClientSampleId :

Tgt Ion: 83 Resp: 177071

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 32.627 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW029144.D

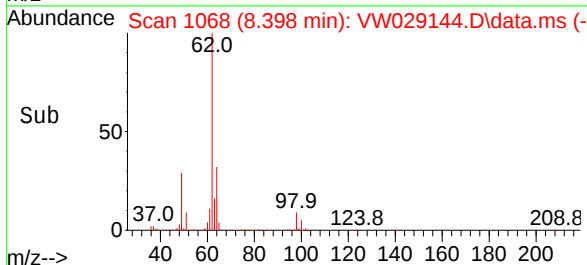
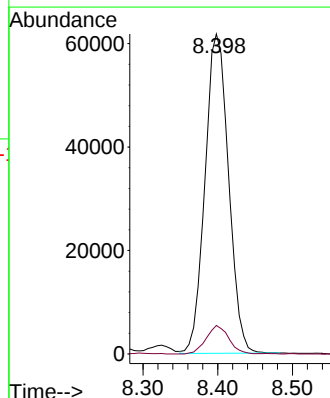
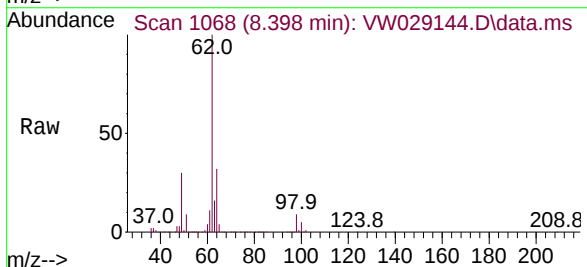
Acq: 13 Jun 2024 22:54

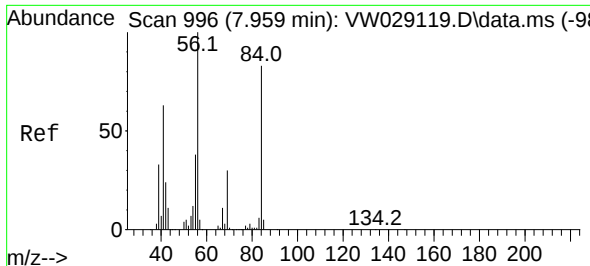
Tgt Ion: 62 Resp: 134982

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 22.542 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

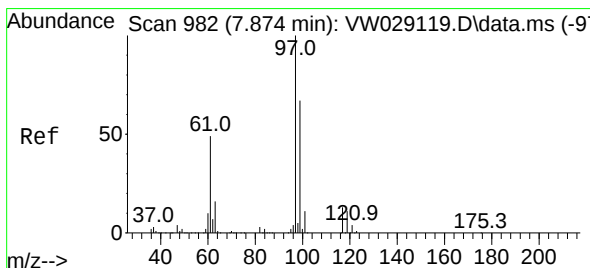
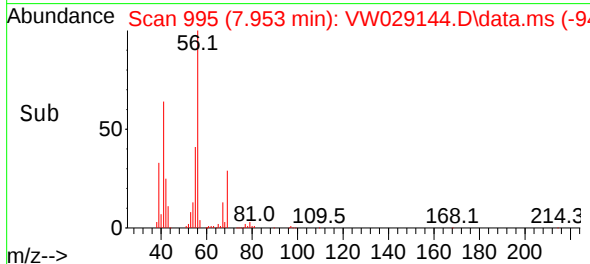
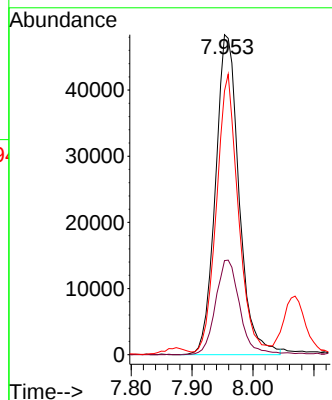
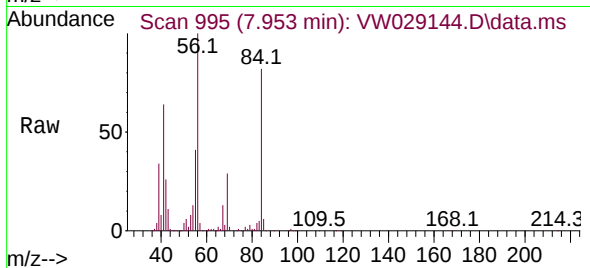
Tgt Ion: 56 Resp: 130000

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 81.8 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 24.437 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

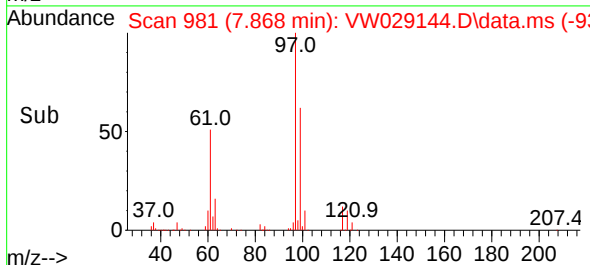
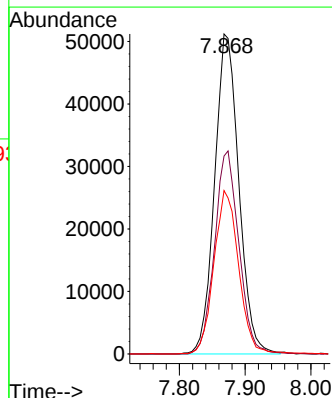
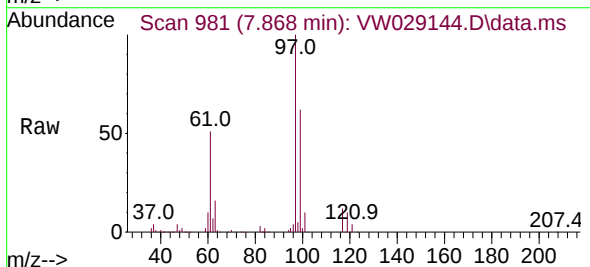
Tgt Ion: 97 Resp: 131331

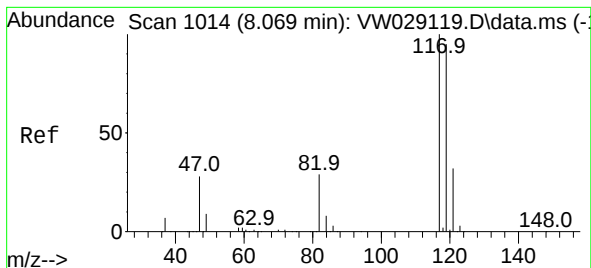
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 52.5 39.6 59.4





#31

Carbon tetrachloride

Concen: 23.396 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

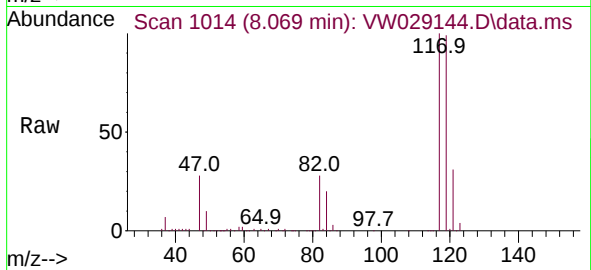
Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

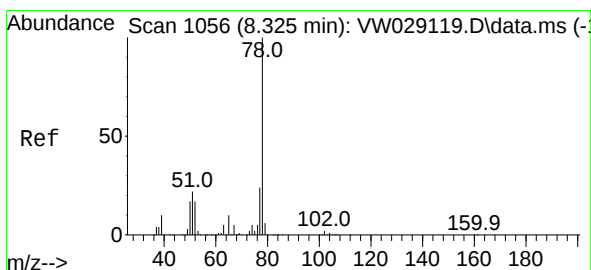
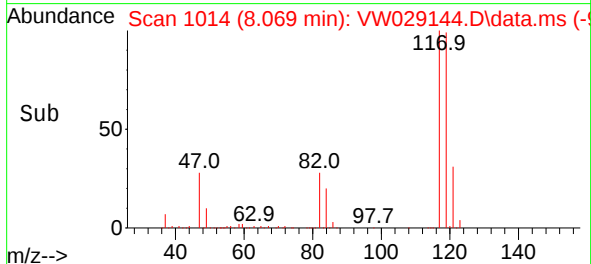
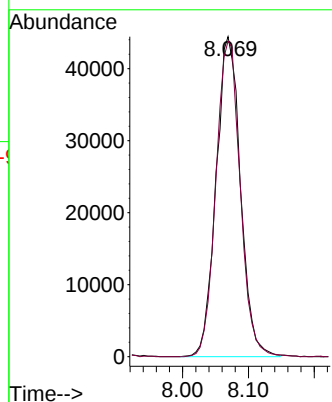


Tgt Ion:117 Resp: 114525

Ion Ratio Lower Upper

117 100

119 98.3 78.8 118.2



#33

Benzene

Concen: 26.010 ug/L

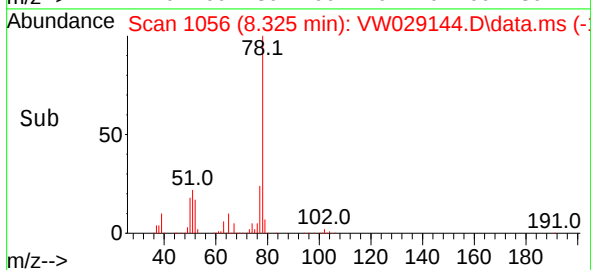
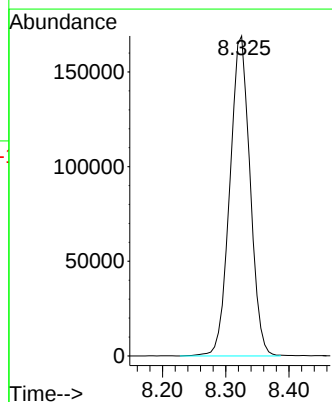
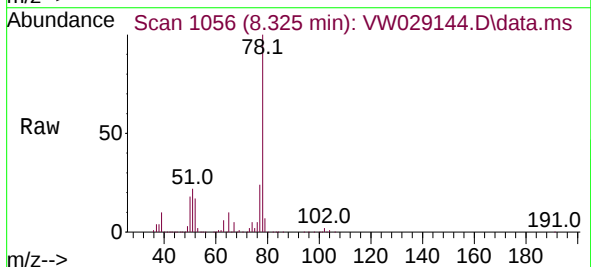
RT: 8.325 min Scan# 1056

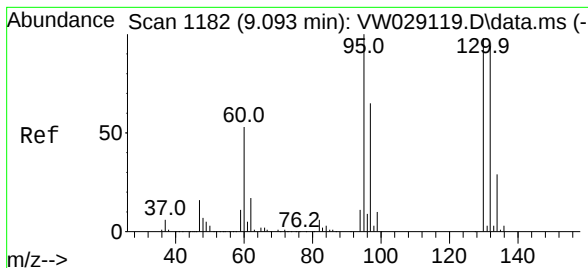
Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Tgt Ion: 78 Resp: 375127





#34

Trichloroethene

Concen: 24.517 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

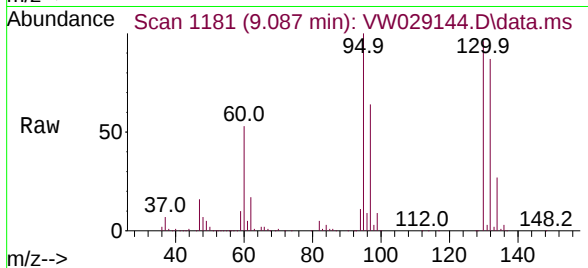
Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 92959

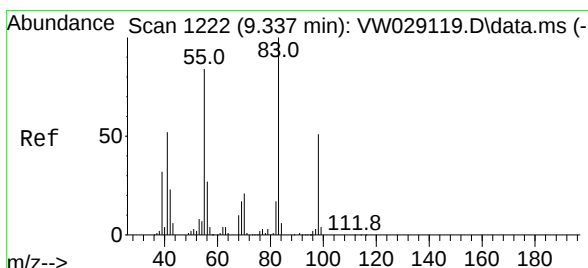
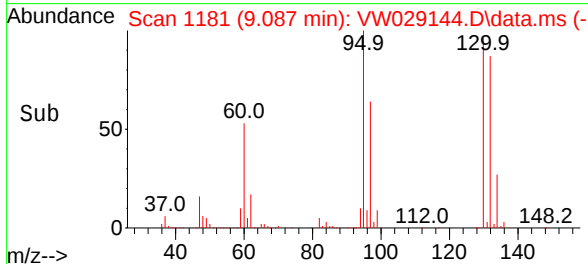
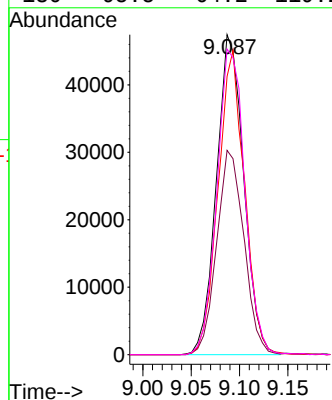
Ion Ratio Lower Upper

95 100

97 63.9 41.9 77.7

132 86.9 60.1 111.5

130 95.5 64.2 119.2



#35

Methylcyclohexane

Concen: 22.489 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

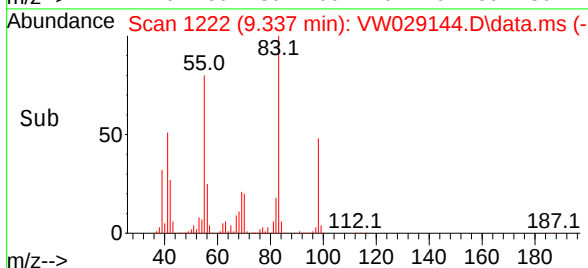
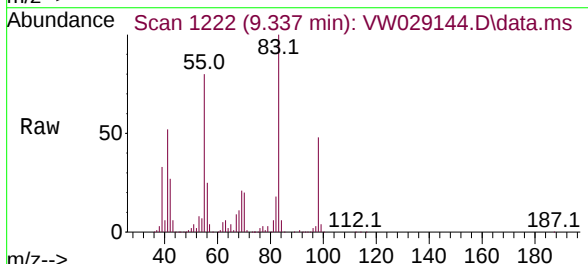
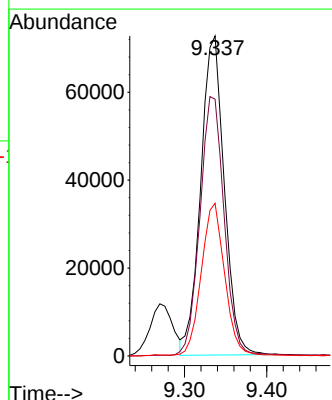
Tgt Ion: 83 Resp: 144651

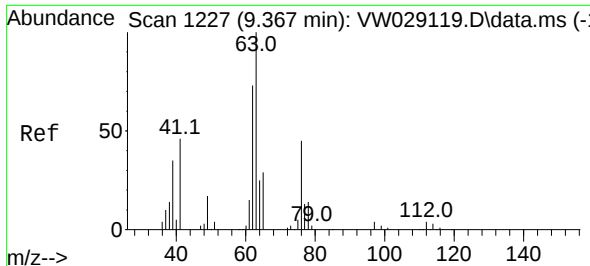
Ion Ratio Lower Upper

83 100

55 83.2 65.8 98.6

98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 27.493 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

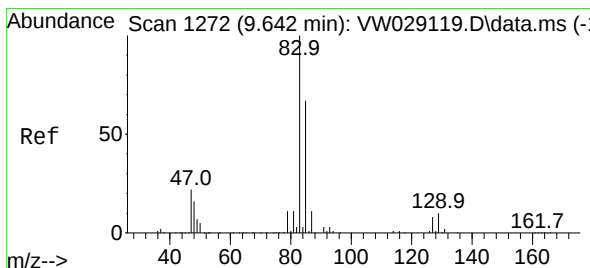
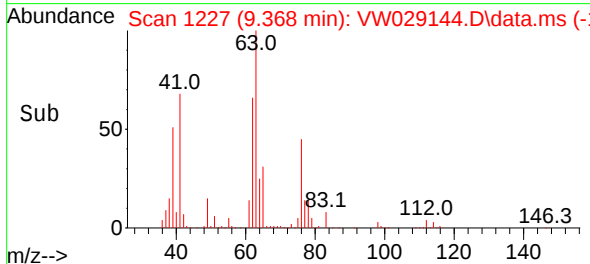
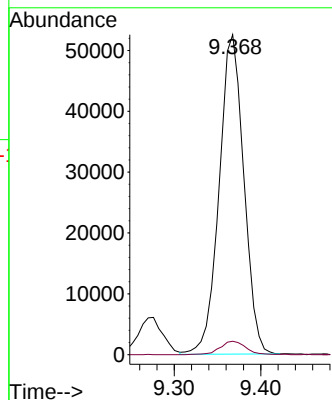
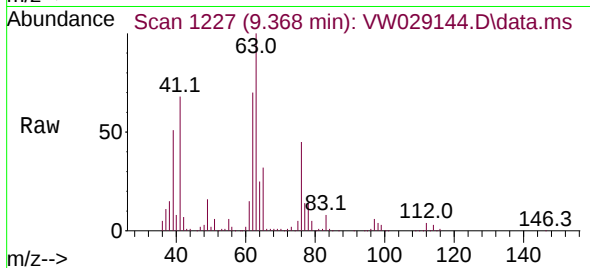
ClientSampleId :

Tgt Ion: 63 Resp: 103835

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 27.625 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

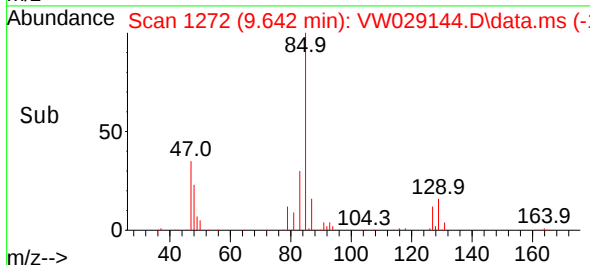
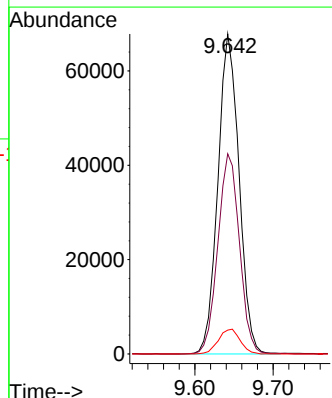
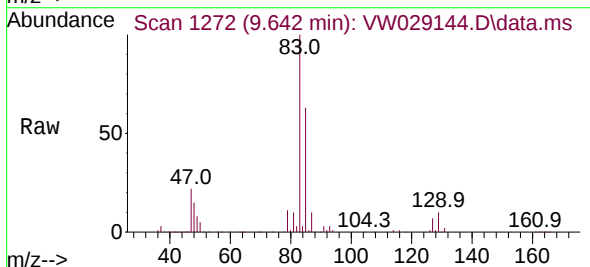
Tgt Ion: 83 Resp: 127243

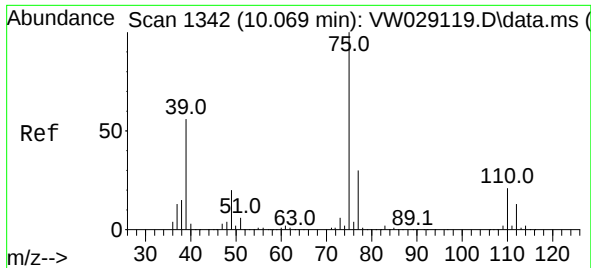
Ion Ratio Lower Upper

83 100

85 62.6 43.9 81.5

127 7.5 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 26.883 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

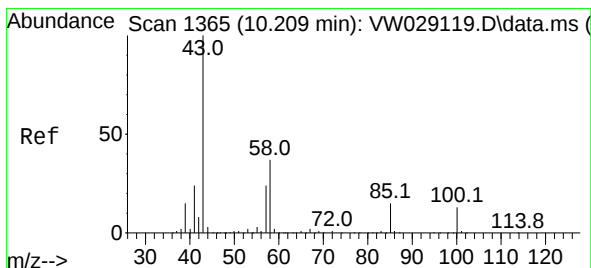
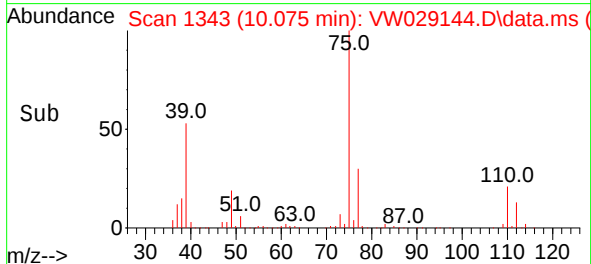
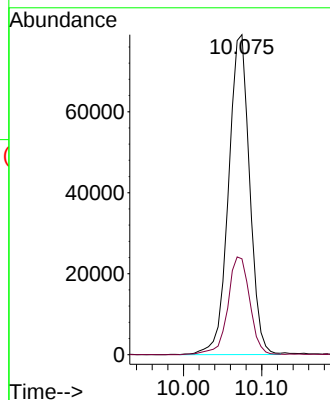
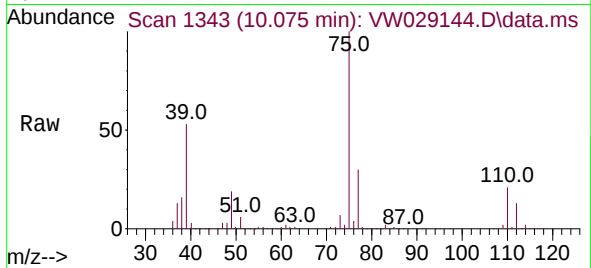
ClientSampleId :

Tgt Ion: 75 Resp: 147552

Ion Ratio Lower Upper

75 100

77 30.0 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 76.680 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

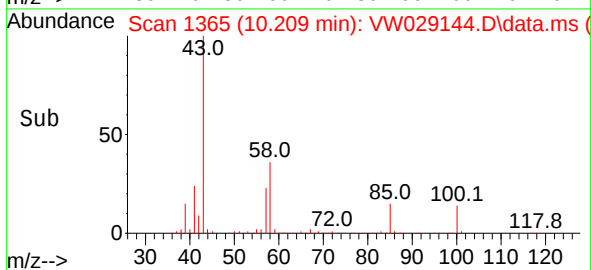
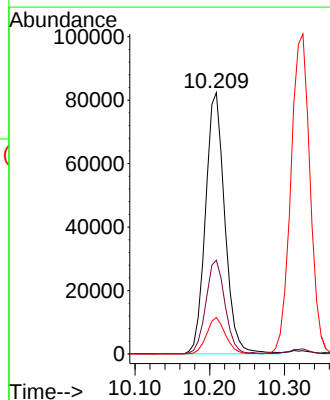
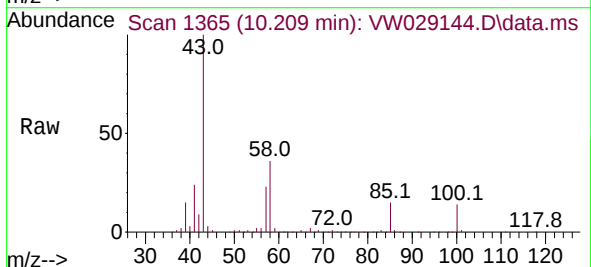
Tgt Ion: 43 Resp: 147304

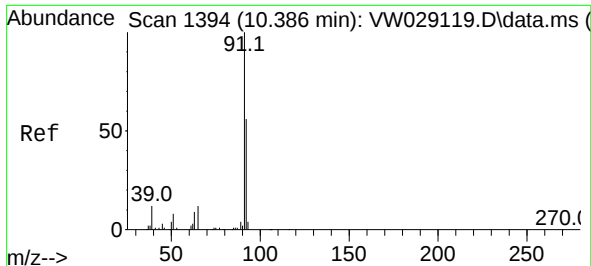
Ion Ratio Lower Upper

43 100

58 35.3 30.3 45.5

100 13.7 10.7 16.1





#42

Toluene

Concen: 26.389 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

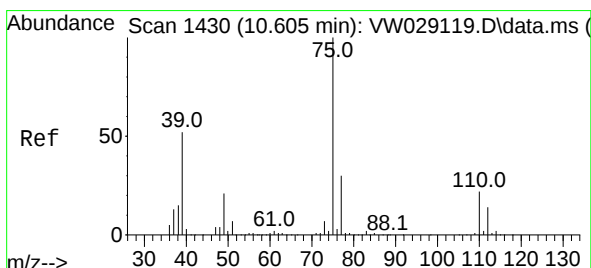
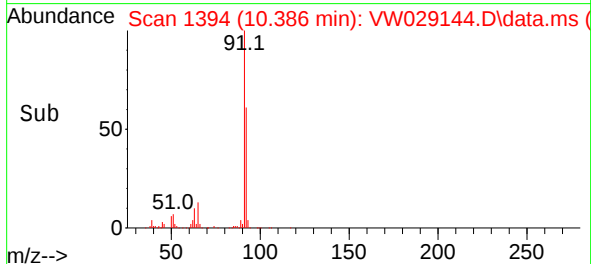
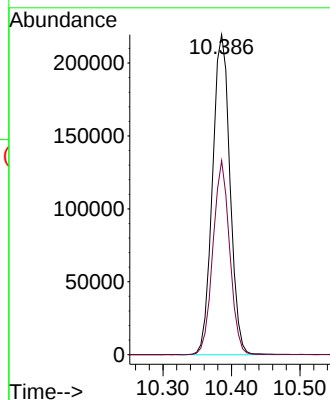
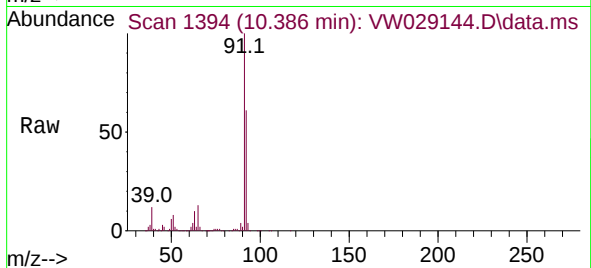
ClientSampleId :

Tgt Ion: 91 Resp: 388801

Ion Ratio Lower Upper

91 100

92 60.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 28.068 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029144.D

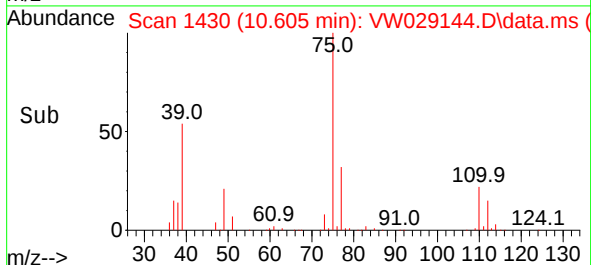
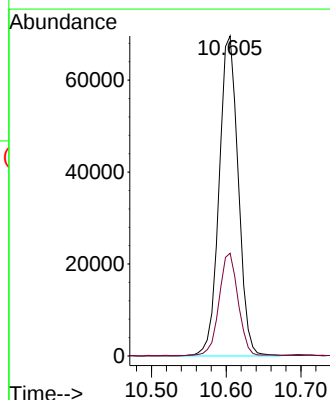
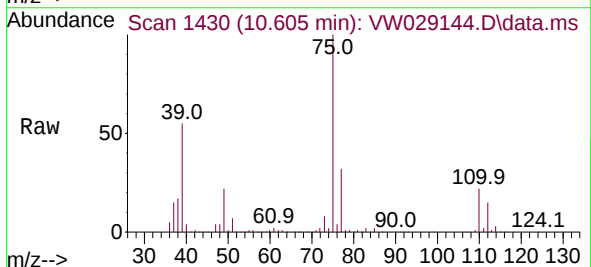
Acq: 13 Jun 2024 22:54

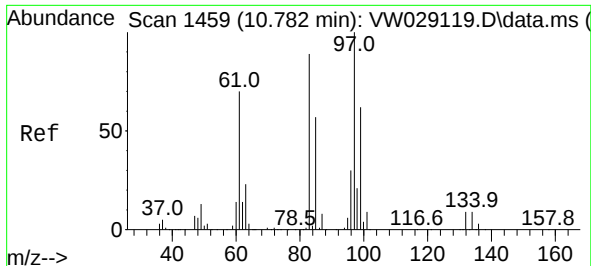
Tgt Ion: 75 Resp: 124196

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 29.798 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

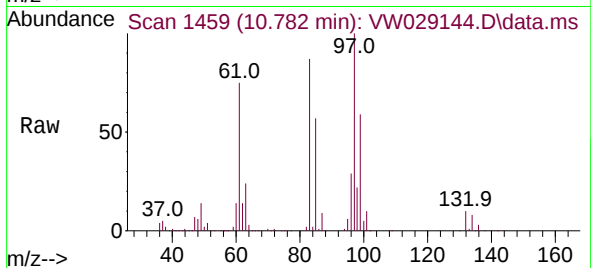
Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 76006

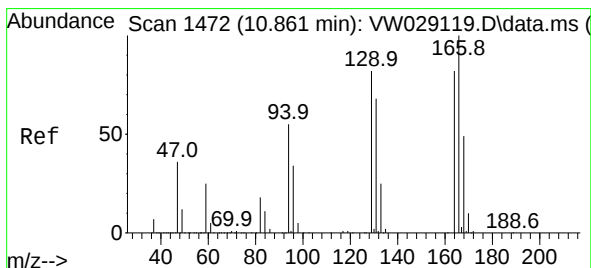
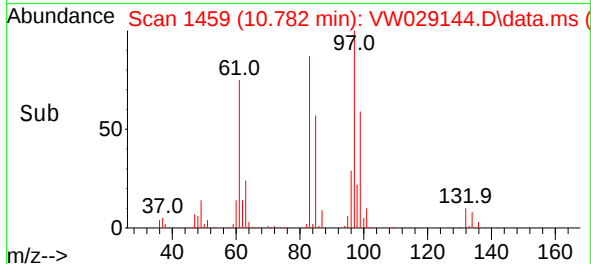
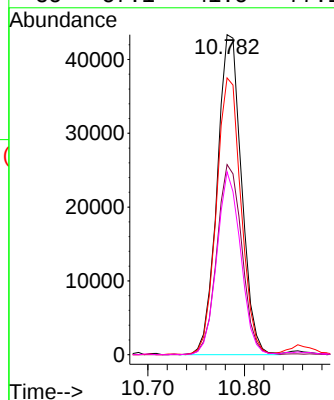
Ion Ratio Lower Upper

97 100

99 59.4 41.8 77.6

83 86.5 62.4 115.8

85 57.1 41.5 77.1



#46

Tetrachloroethene

Concen: 22.904 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Tgt Ion:164 Resp: 65979

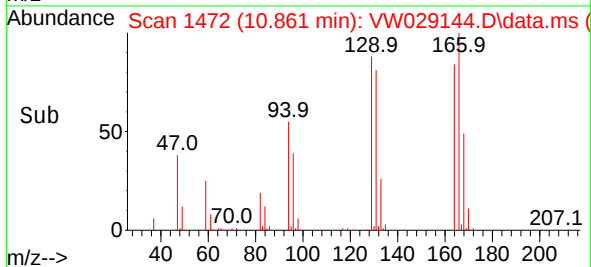
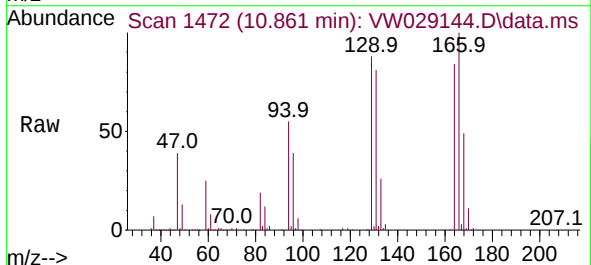
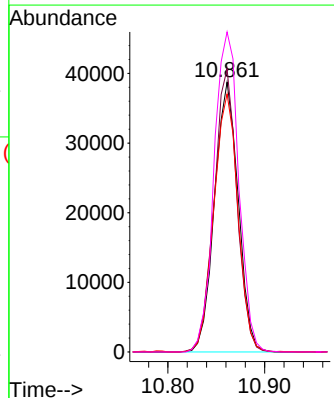
Ion Ratio Lower Upper

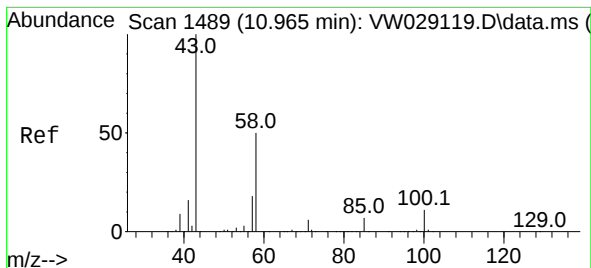
164 100

129 104.9 69.4 128.8

131 95.6 71.0 131.9

166 118.6 96.0 178.4





#48

2-Hexanone

Concen: 69.012 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

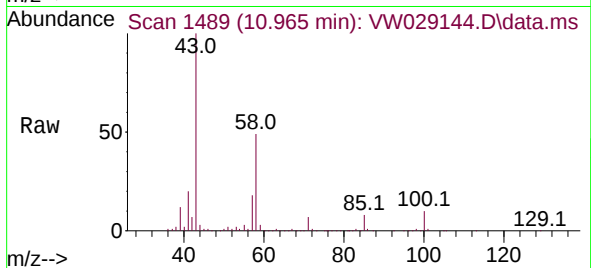
Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 99397

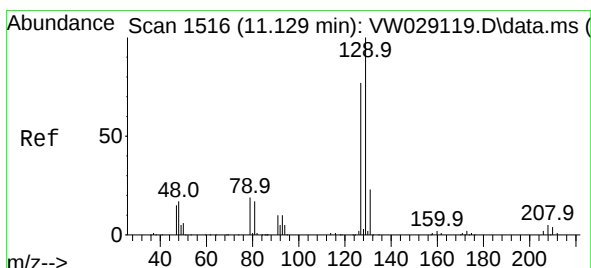
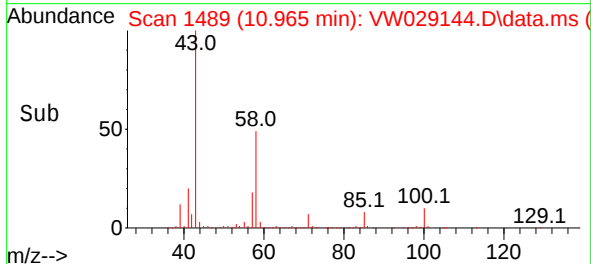
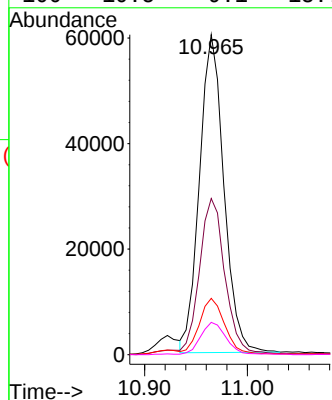
Ion Ratio Lower Upper

43 100

58 50.6 41.4 62.0

57 18.3 14.2 21.4

100 10.5 9.1 13.7



#49

Dibromochloromethane

Concen: 29.216 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029144.D

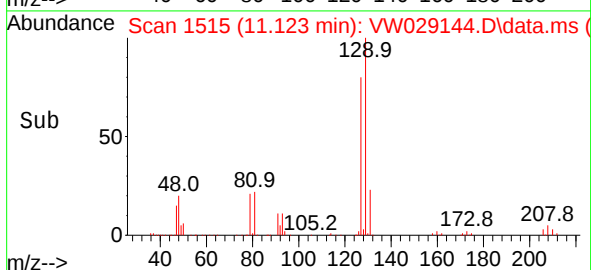
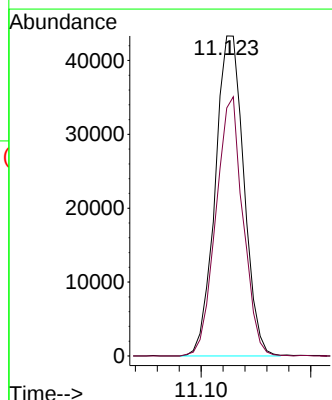
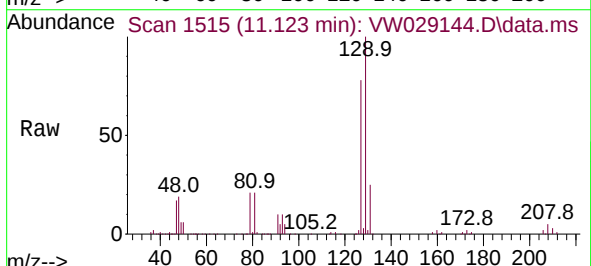
Acq: 13 Jun 2024 22:54

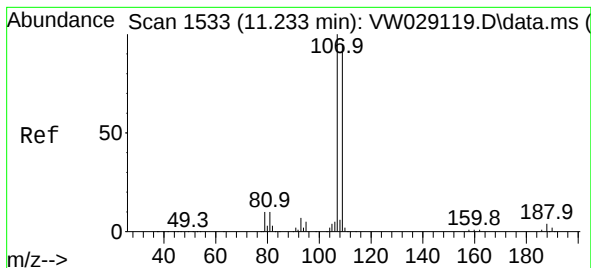
Tgt Ion: 129 Resp: 78710

Ion Ratio Lower Upper

129 100

127 77.5 56.5 104.9





#50

1,2-Dibromoethane

Concen: 29.936 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

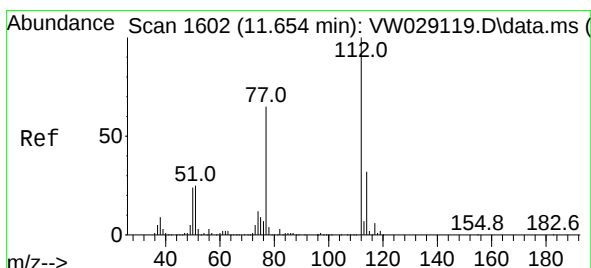
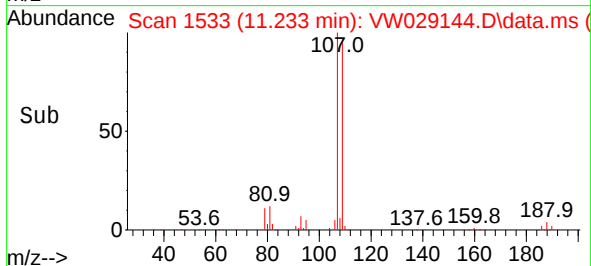
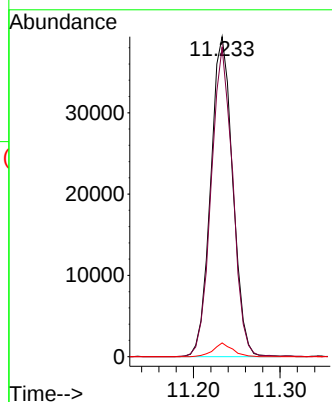
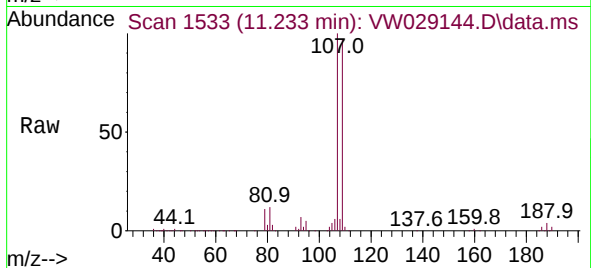
Tgt Ion:107 Resp: 69704

Ion Ratio Lower Upper

107 100

109 96.7 67.9 126.1

188 4.3 3.0 4.4



#51

Chlorobenzene

Concen: 25.795 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

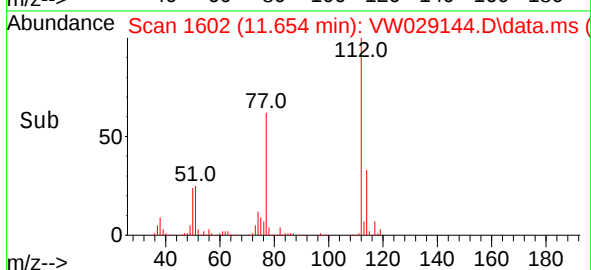
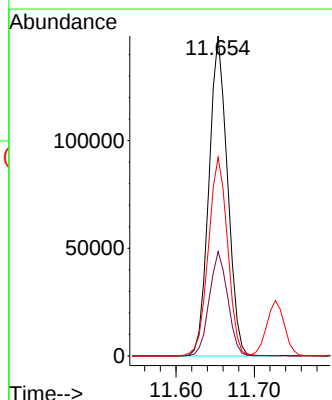
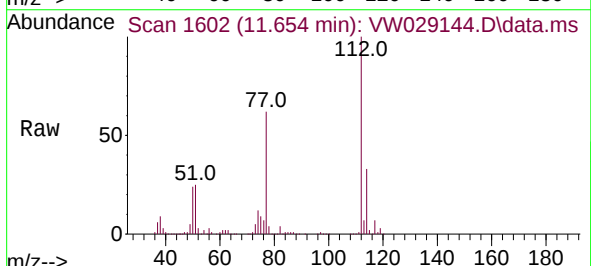
Tgt Ion:112 Resp: 244131

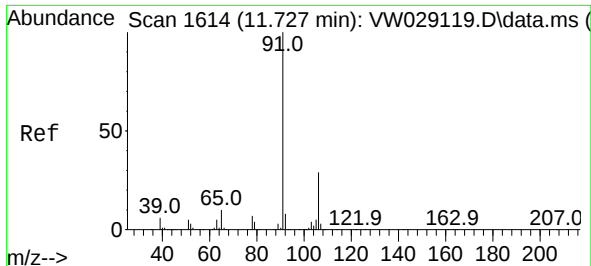
Ion Ratio Lower Upper

112 100

114 32.6 23.7 44.1

77 62.1 51.7 77.5





#52

Ethylbenzene

Concen: 25.889 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

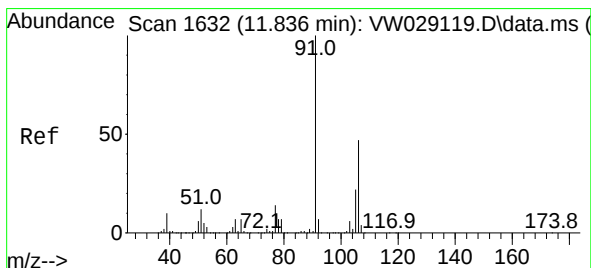
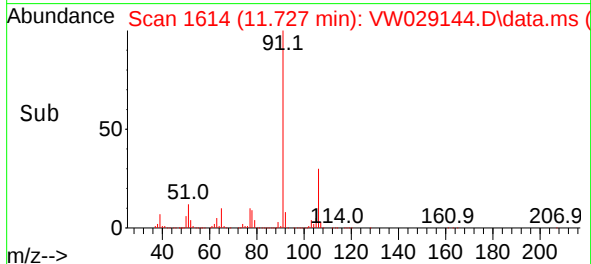
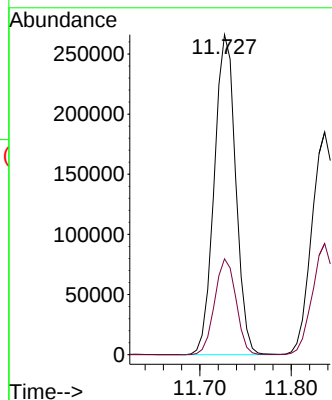
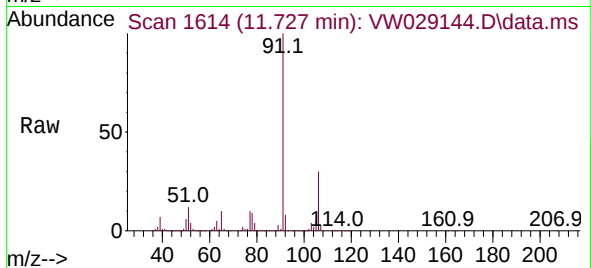
ClientSampleId :

Tgt Ion: 91 Resp: 433389

Ion Ratio Lower Upper

91 100

106 30.0 19.9 37.0



#53

m,p-Xylene

Concen: 26.320 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029144.D

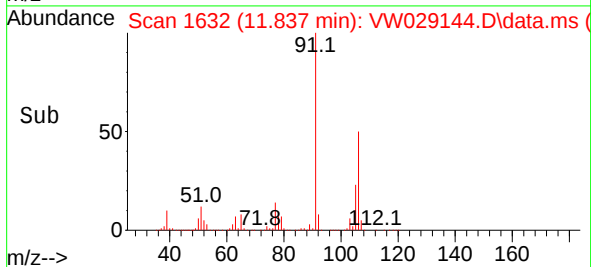
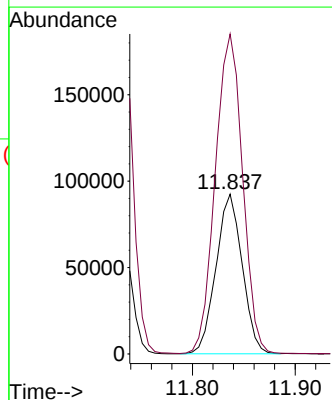
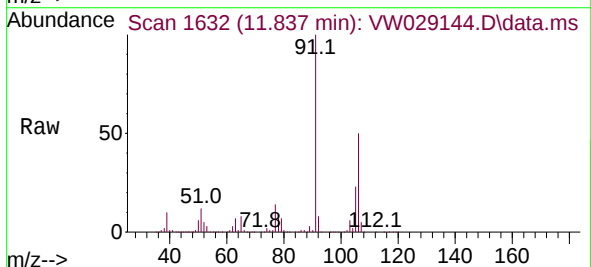
Acq: 13 Jun 2024 22:54

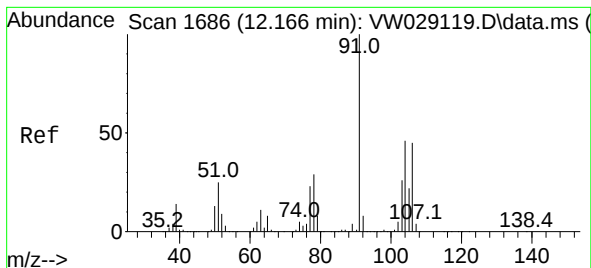
Tgt Ion:106 Resp: 163195

Ion Ratio Lower Upper

106 100

91 200.2 152.0 282.2





#54

o-Xylene

Concen: 27.449 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

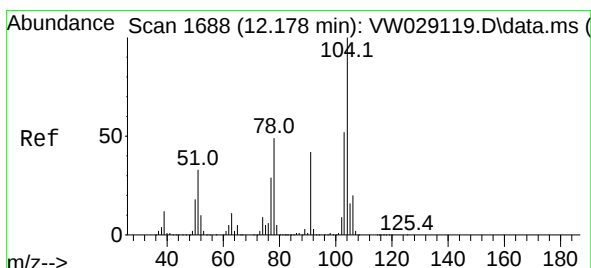
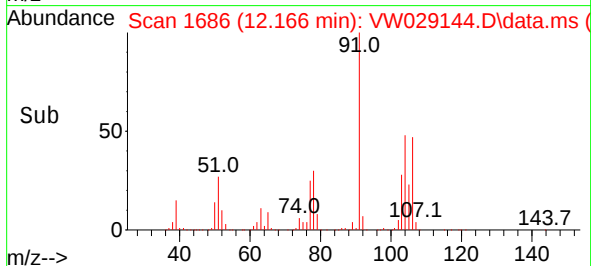
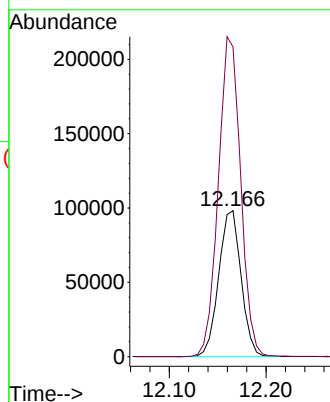
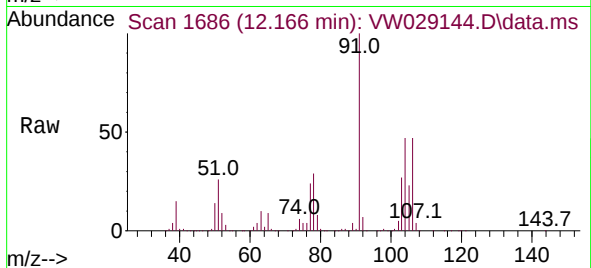
ClientSampleId :

Tgt Ion:106 Resp: 157588

Ion Ratio Lower Upper

106 100

91 212.0 152.5 283.3



#55

Styrene

Concen: 28.207 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029144.D

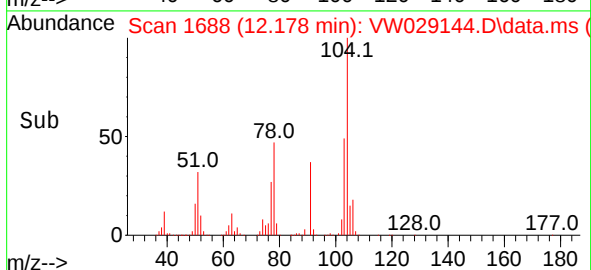
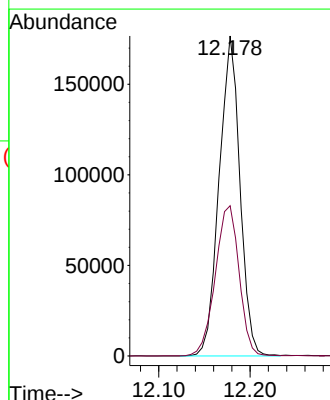
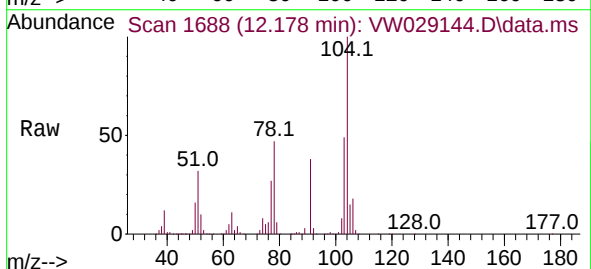
Acq: 13 Jun 2024 22:54

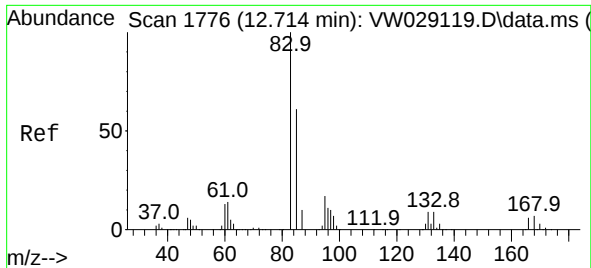
Tgt Ion:104 Resp: 279203

Ion Ratio Lower Upper

104 100

78 46.9 33.3 61.9

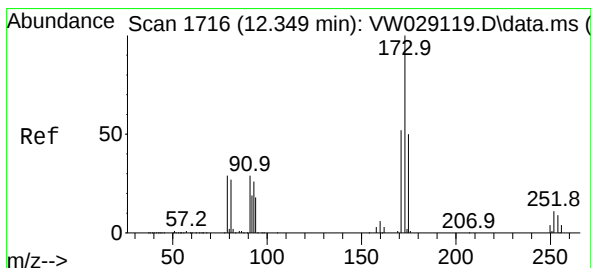
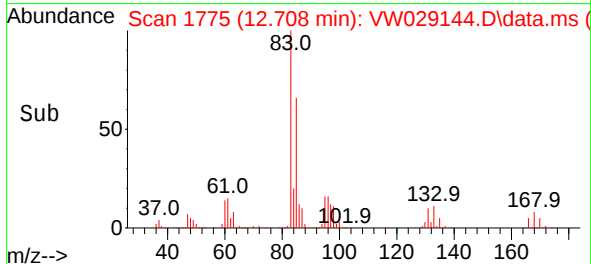
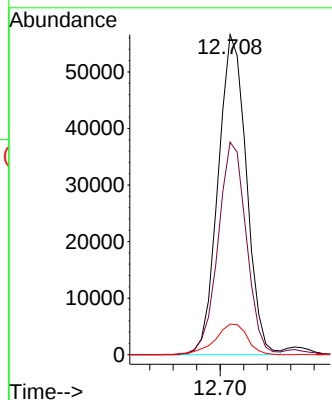
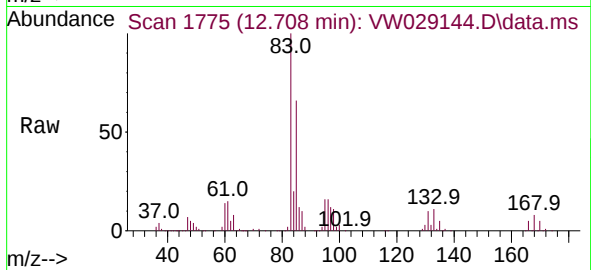




#57
1,1,2,2-Tetrachloroethane
Concen: 32.820 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

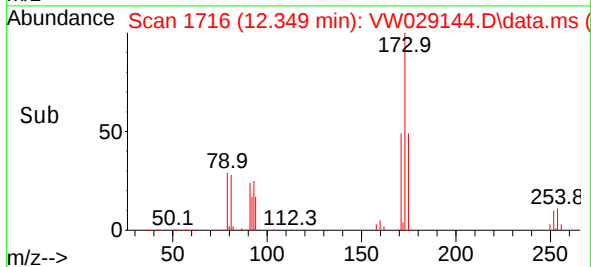
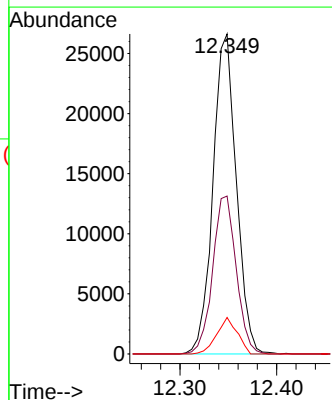
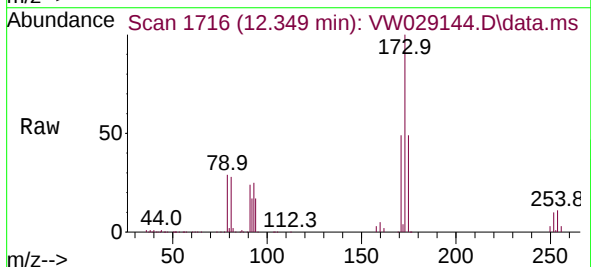
Instrument :
MSVOA_W
ClientSampleId :

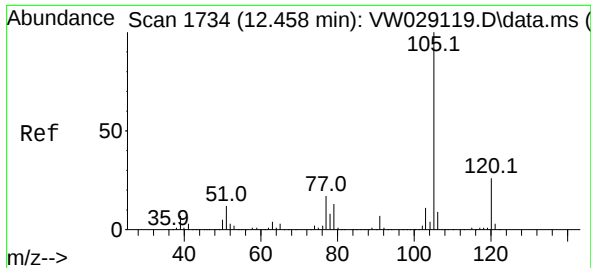
Tgt Ion: 83 Resp: 94504
Ion Ratio Lower Upper
83 100
85 66.4 43.8 81.3
131 9.5 7.3 10.9



#59
Bromoform
Concen: 30.414 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

Tgt Ion:173 Resp: 44614
Ion Ratio Lower Upper
173 100
175 49.8 38.1 57.1
254 10.0 8.2 12.2

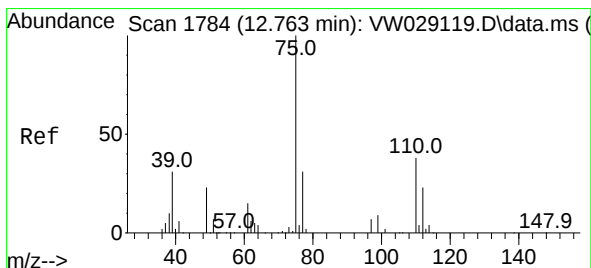
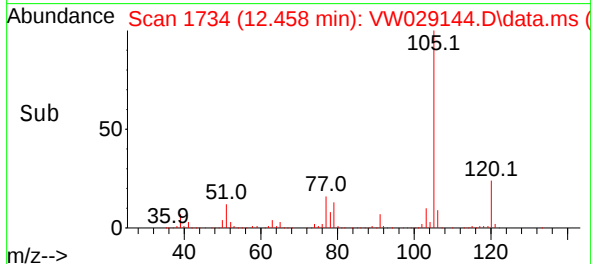
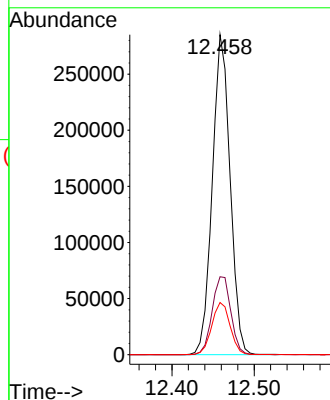
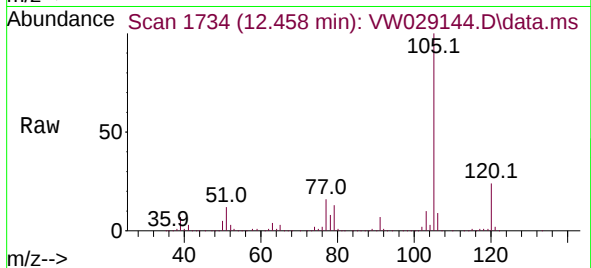




#60
Isopropylbenzene
Concen: 26.566 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

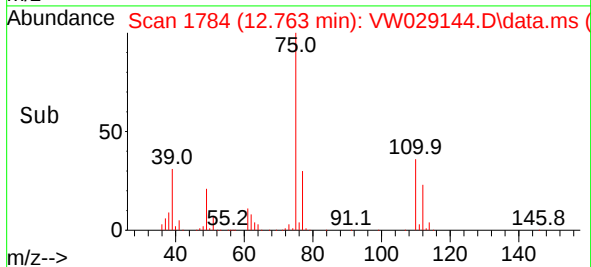
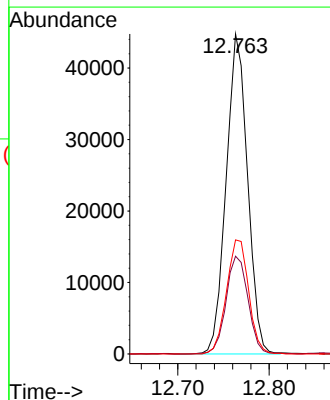
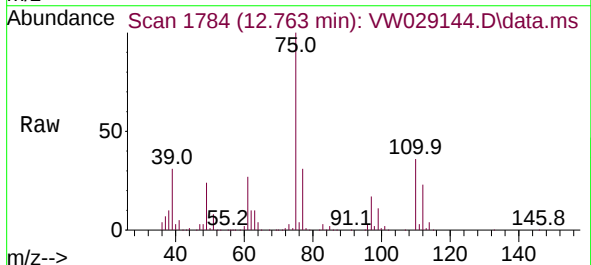
Instrument :
MSVOA_W
ClientSampleId :

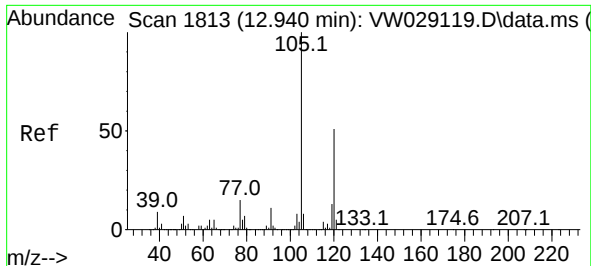
Tgt Ion:105 Resp: 428886
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 33.860 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029144.D
Acq: 13 Jun 2024 22:54

Tgt Ion: 75 Resp: 72859
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
110 36.9 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.584 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

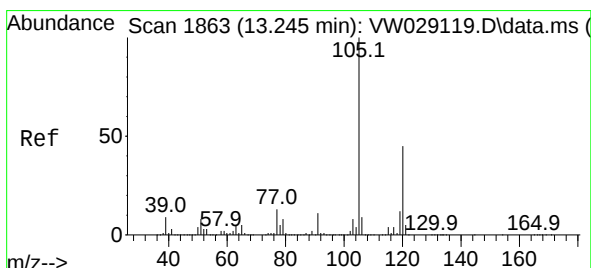
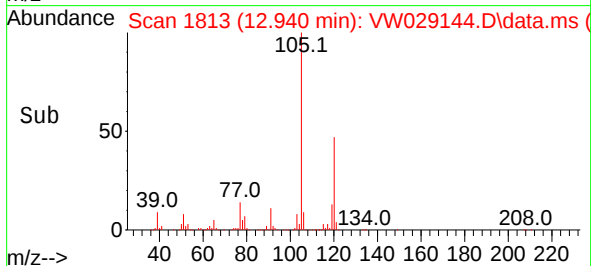
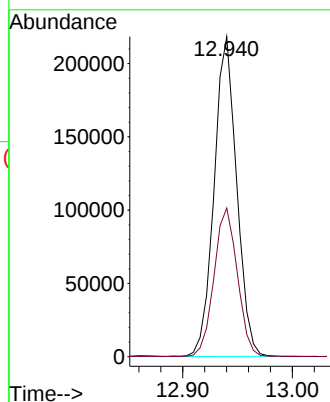
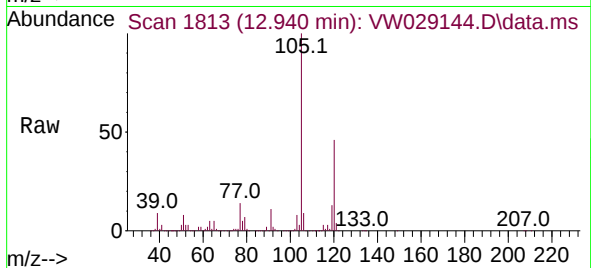
ClientSampleId :

Tgt Ion:105 Resp: 312156

Ion Ratio Lower Upper

105 100

120 48.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 27.989 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029144.D

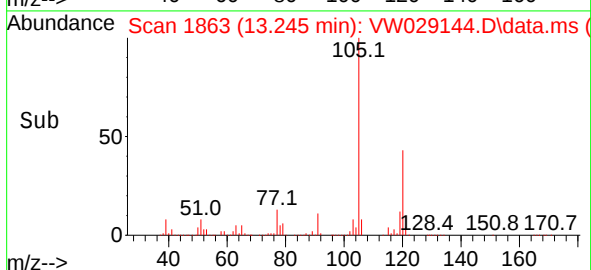
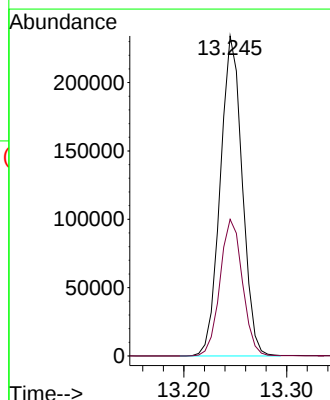
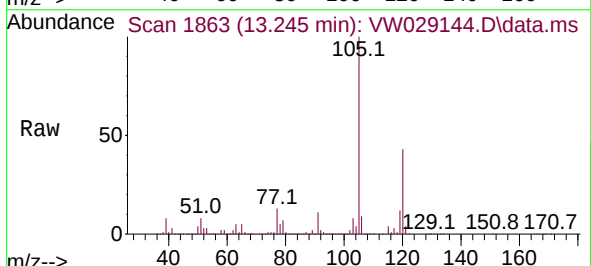
Acq: 13 Jun 2024 22:54

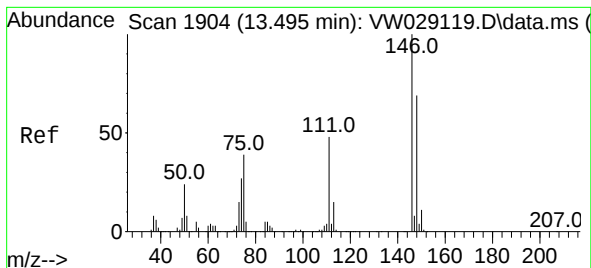
Tgt Ion:105 Resp: 347322

Ion Ratio Lower Upper

105 100

120 43.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 25.704 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

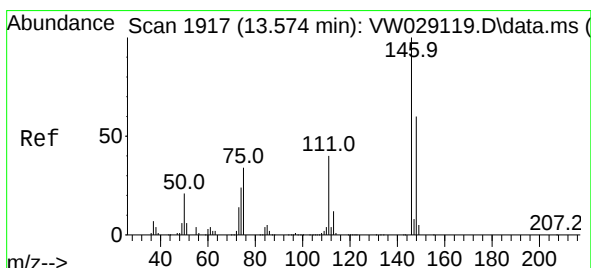
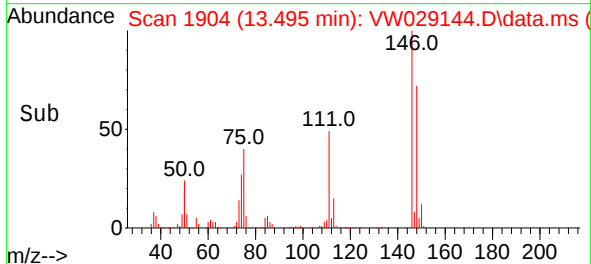
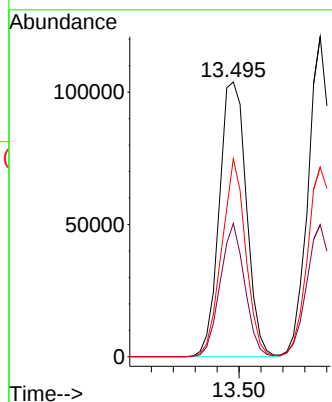
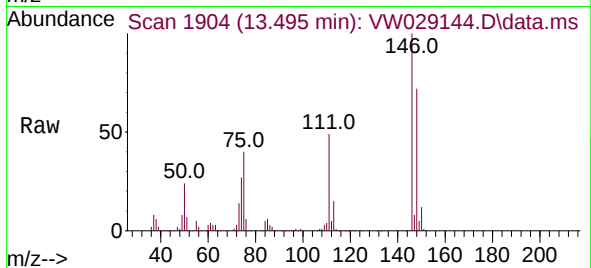
Tgt Ion:146 Resp: 178332

Ion Ratio Lower Upper

146 100

111 48.5 29.4 54.6

148 72.1 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 25.643 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

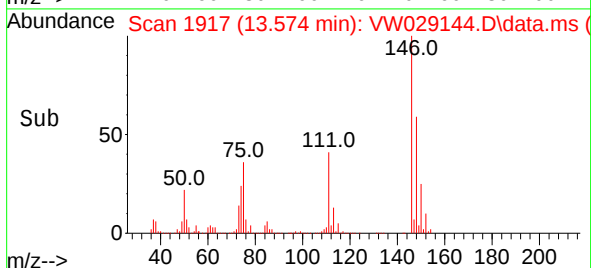
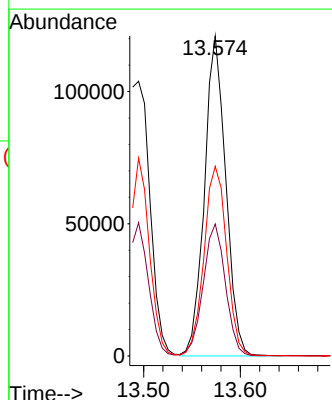
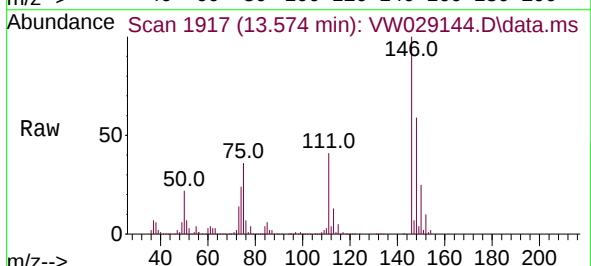
Tgt Ion:146 Resp: 185812

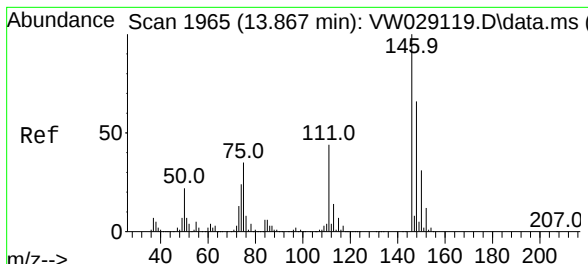
Ion Ratio Lower Upper

146 100

111 41.3 27.5 51.1

148 59.3 39.5 73.3

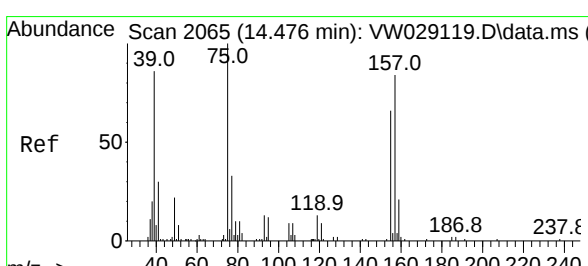
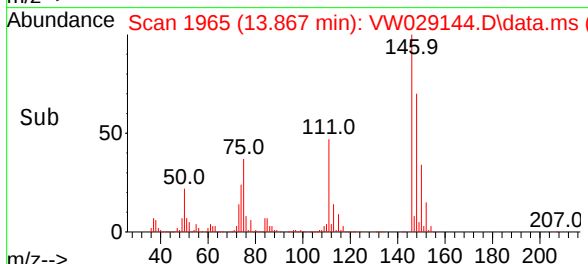
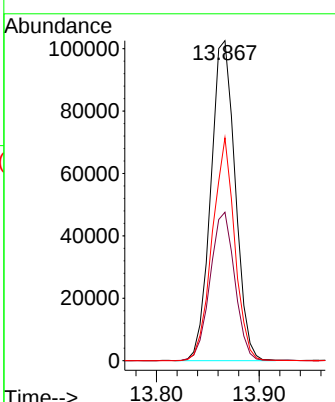
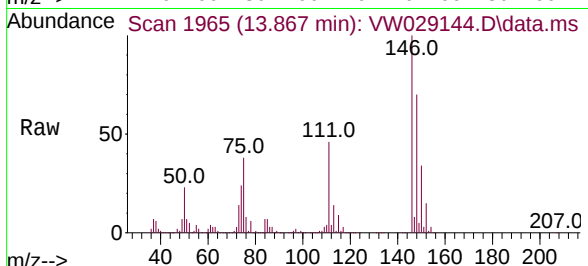




#67
 1,2-Dichlorobenzene
 Concen: 27.218 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

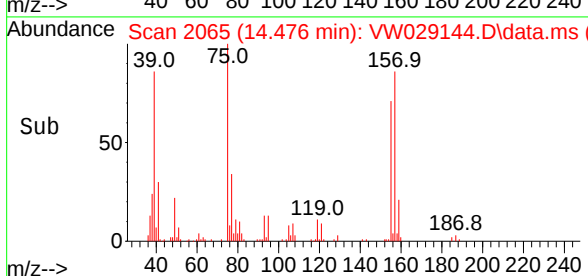
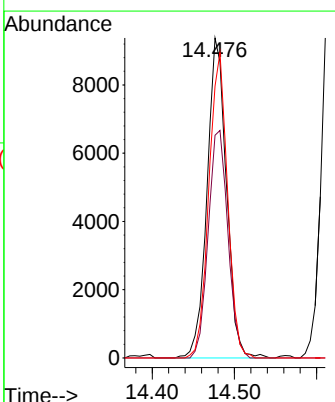
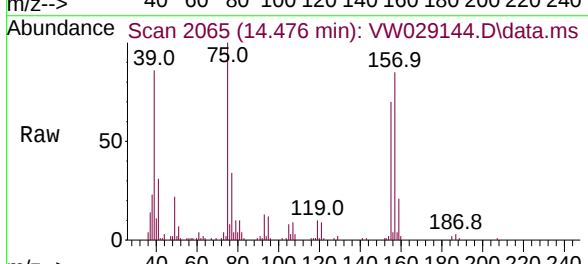
Instrument :
 MSVOA_W
 ClientSampleId :

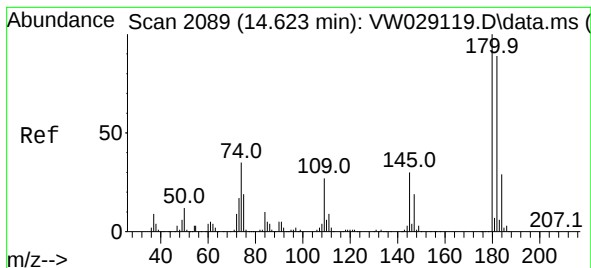
Tgt Ion:	146	Resp:	169249
Ion Ratio	Lower	Upper	
146	100		
111	46.4	32.8	49.2
148	69.7	48.2	72.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 33.552 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW029144.D
 Acq: 13 Jun 2024 22:54

Tgt Ion:	75	Resp:	15388
Ion Ratio	Lower	Upper	
75	100		
155	69.6	52.3	78.5
157	85.0	71.0	106.4





#69

1,3,5-Trichlorobenzene

Concen: 24.816 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

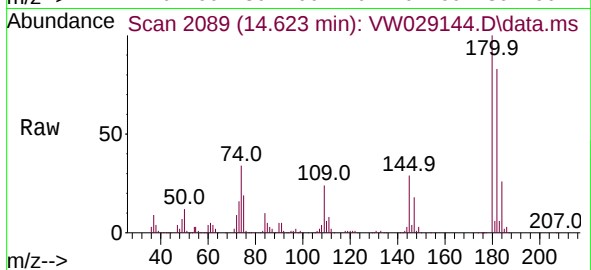
Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118211

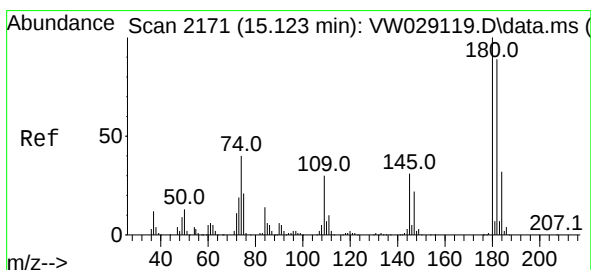
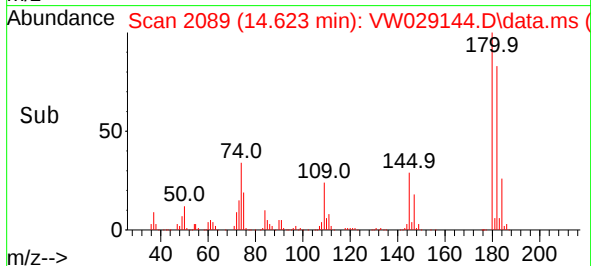
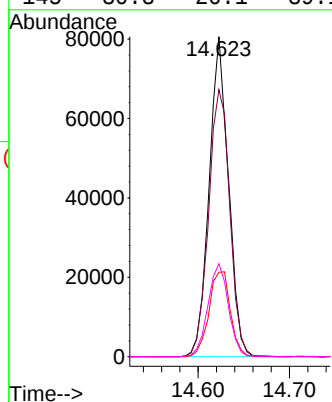
Ion Ratio Lower Upper

180 100

182 91.3 77.4 116.0

184 29.6 24.6 36.8

145 30.8 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 24.108 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

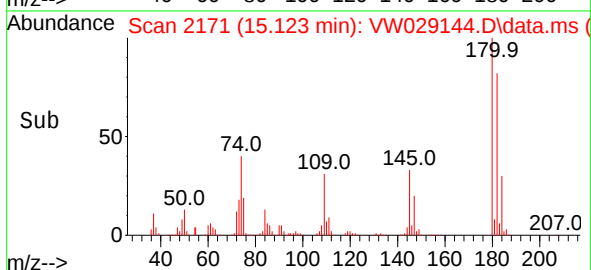
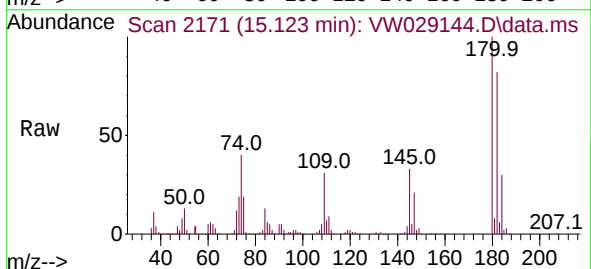
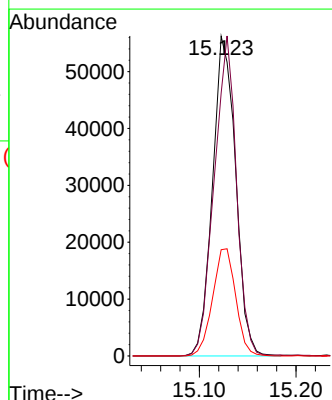
Tgt Ion:180 Resp: 93076

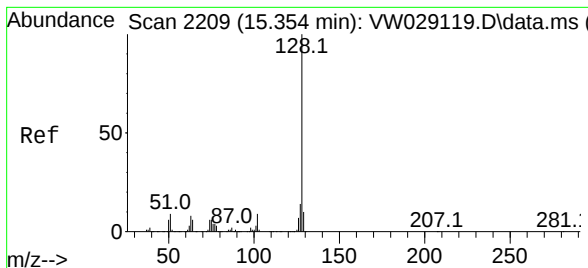
Ion Ratio Lower Upper

180 100

182 96.2 75.3 112.9

145 33.7 26.2 39.2





#71

Naphthalene

Concen: 33.323 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Instrument :

MSVOA_W

ClientSampleId :

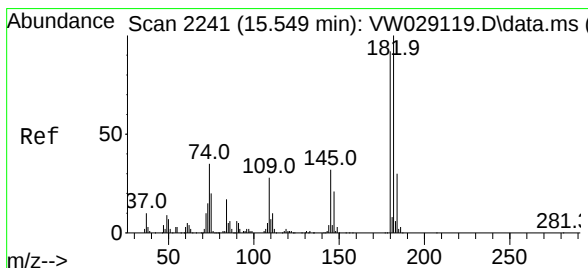
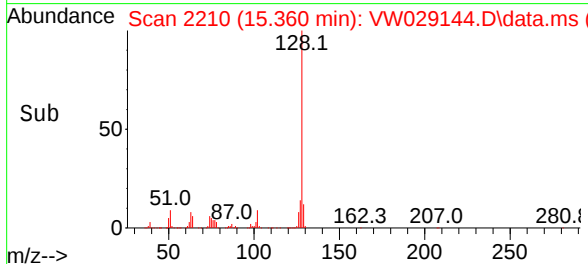
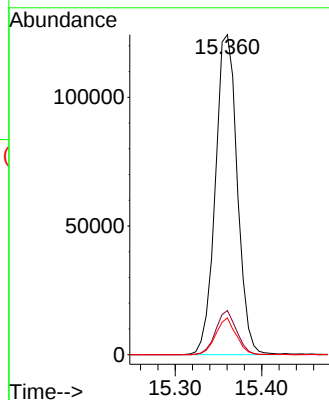
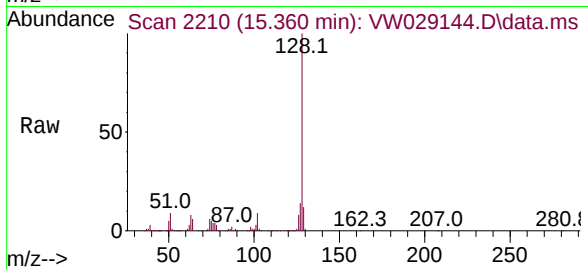
Tgt Ion:128 Resp: 219201

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.837 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029144.D

Acq: 13 Jun 2024 22:54

Tgt Ion:180 Resp: 91823

Ion Ratio Lower Upper

180 100

182 91.1 75.4 113.0

145 32.9 26.6 39.8

