

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081924\
 Data File : VW029951.D
 Acq On : 19 Aug 2024 15:45
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 02:40:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 20 02:38:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	190561	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180423	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	98784	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	53844	19.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.600%
7) Chloroethane-d5	2.899	69	49769	25.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.080%
11) 1,1-Dichloroethene-d2	4.021	65	23511	19.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	7.069	46	33534	45.225	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.460%
24) Chloroform-d	7.648	84	134730	27.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.307	65	73960	26.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.280%
32) Benzene-d6	8.270	84	232772	23.878	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.520%
36) 1,2-Dichloropropane-d6	9.270	67	72891	23.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	10.319	98	216184	24.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.575	79	31696	25.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.640%
47) 2-Hexanone-d5	10.922	63	26118	50.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69038	29.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	73186	23.860	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53424	20.798	ug/L	97
3) Chloromethane	2.222	50	63051	19.837	ug/L	97
5) Vinyl chloride	2.375	62	79351	22.280	ug/L	98
6) Bromomethane	2.789	94	54320	27.776	ug/L	100
8) Chloroethane	2.936	64	53209	26.263	ug/L	96
9) Trichlorofluoromethane	3.265	101	78384	27.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	69728	24.610	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	61607	23.665	ug/L	84
13) Acetone	4.118	43	40026	43.436	ug/L	93
14) Carbon disulfide	4.393	76	166559	19.226	ug/L	99
15) Methyl Acetate	4.667	43	32817	21.381	ug/L #	80
16) Methylene chloride	4.923	84	95770	24.040	ug/L	87
17) trans-1,2-Dichloroethene	5.429	96	71539	25.501	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	116267	25.146	ug/L	100
19) 1,1-Dichloroethane	6.216	63	144316	24.391	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	79710	26.194	ug/L	95
22) 2-Butanone	7.173	43	48478	41.058	ug/L	89
23) Bromochloromethane	7.508	128	37218	28.809	ug/L #	74
25) Chloroform	7.673	83	158867	28.499	ug/L	97

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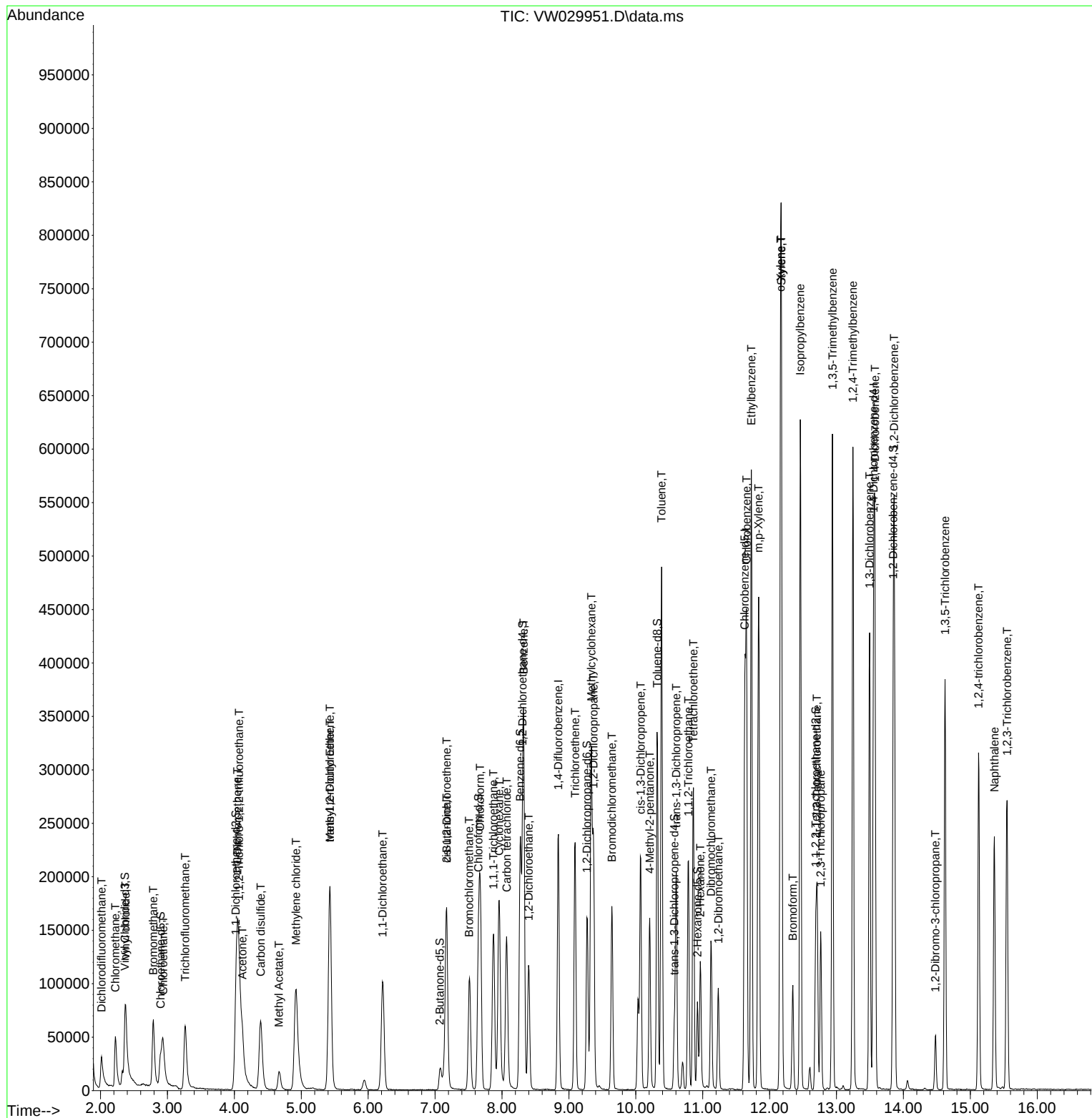
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109854	27.041	ug/L	100
29) Cyclohexane	7.959	56	97900	19.094	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	119660	26.190	ug/L	97
31) Carbon tetrachloride	8.069	117	105805	25.700	ug/L	98
33) Benzene	8.325	78	313772	25.382	ug/L	100
34) Trichloroethene	9.093	95	82167	25.355	ug/L	97
35) Methylcyclohexane	9.337	83	120127	22.246	ug/L	94
37) 1,2-Dichloropropane	9.367	63	83982	24.790	ug/L	98
38) Bromodichloromethane	9.642	83	113033	28.019	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	125190	25.375	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	98644	45.842	ug/L #	92
42) Toluene	10.386	91	346347	27.448	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	108390	26.465	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	65596	28.822	ug/L	97
46) Tetrachloroethene	10.861	164	59614	25.309	ug/L	92
48) 2-Hexanone	10.965	43	73542	45.633	ug/L #	95
49) Dibromochloromethane	11.123	129	71485	30.257	ug/L	99
50) 1,2-Dibromoethane	11.233	107	61035	28.985	ug/L	95
51) Chlorobenzene	11.654	112	209822	26.733	ug/L	94
52) Ethylbenzene	11.727	91	391780	27.525	ug/L	96
53) m,p-Xylene	11.837	106	141312	26.995	ug/L	95
54) o-Xylene	12.166	106	134690	27.941	ug/L	95
55) Styrene	12.178	104	248875	29.784	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	82965	29.701	ug/L	98
59) Bromoform	12.349	173	40855	27.486	ug/L	96
60) Isopropylbenzene	12.458	105	375638	24.574	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	59701	24.849	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	310107	27.293	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	308622	25.398	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	168671	25.862	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	171931	25.664	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	157460	26.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12967	23.770	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	111386	24.962	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	95506	25.406	ug/L	91
71) Naphthalene	15.360	128	192502	26.837	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85161	25.029	ug/L	96

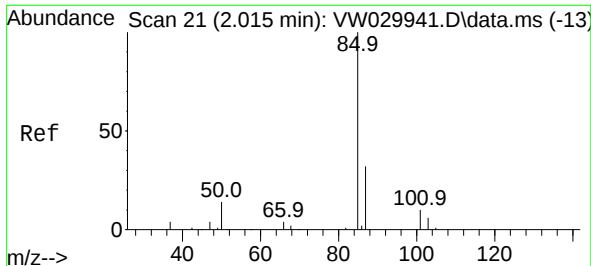
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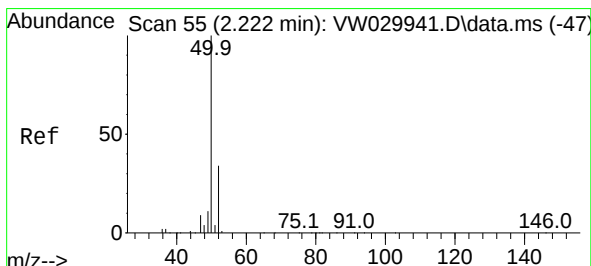
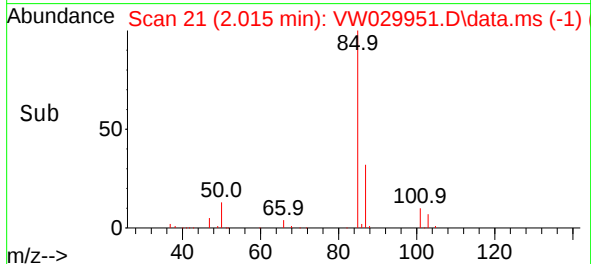
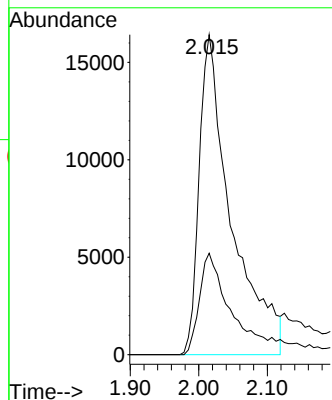
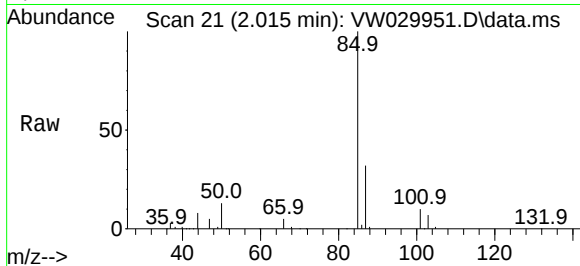




#2
 Dichlorodifluoromethane
 Concen: 20.798 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029951.D
 Acq: 19 Aug 2024 15:45

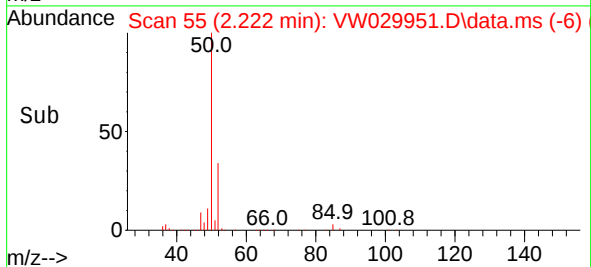
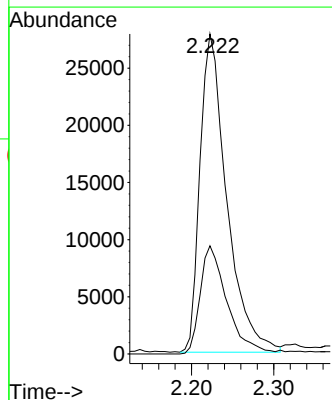
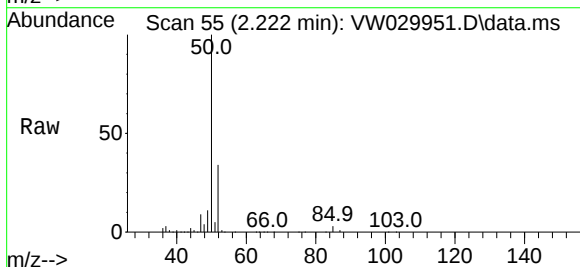
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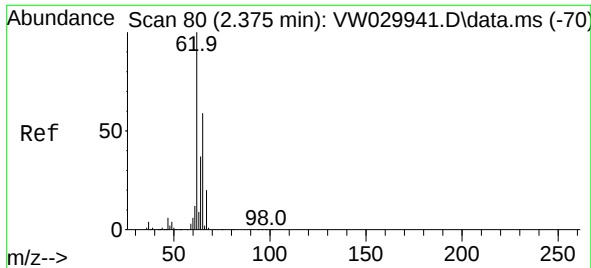
Tgt Ion: 85 Resp: 53424
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.5 38.3



#3
 Chloromethane
 Concen: 19.837 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029951.D
 Acq: 19 Aug 2024 15:45

Tgt Ion: 50 Resp: 63051
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.5 41.9

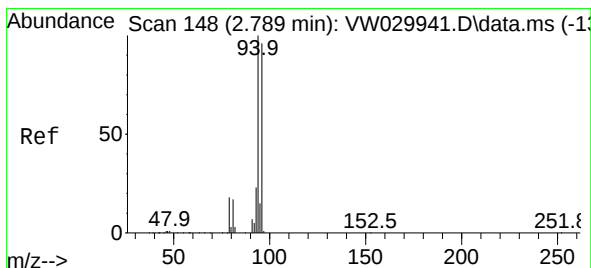
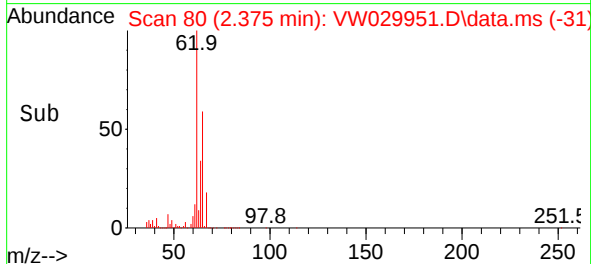
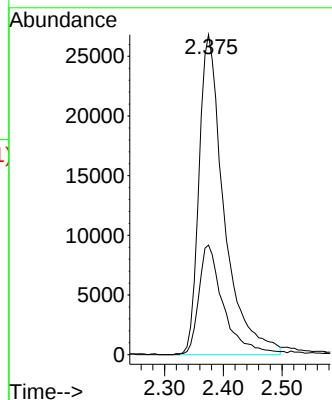
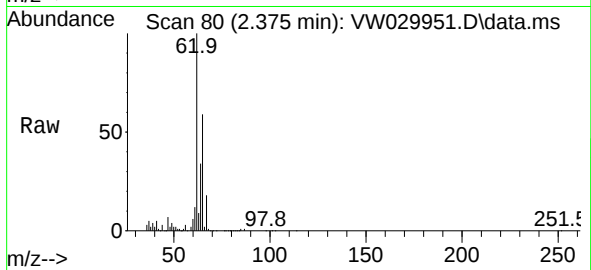




#5
 Vinyl chloride
 Concen: 22.280 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029951.D
 Acq: 19 Aug 2024 15:45

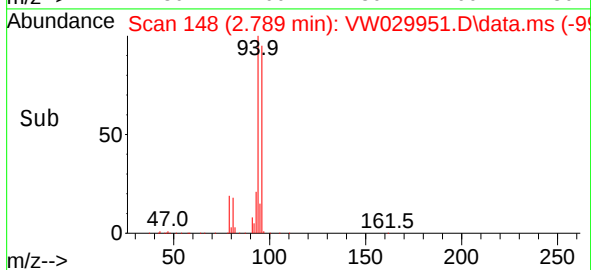
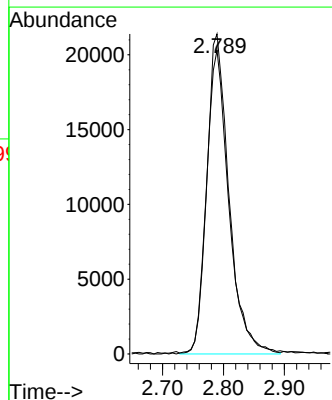
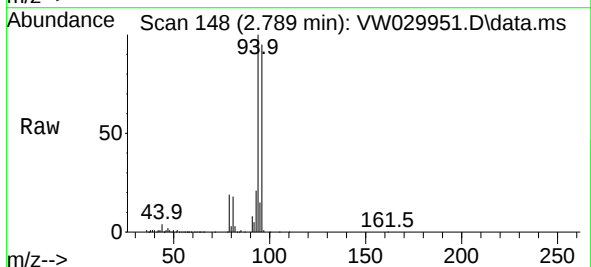
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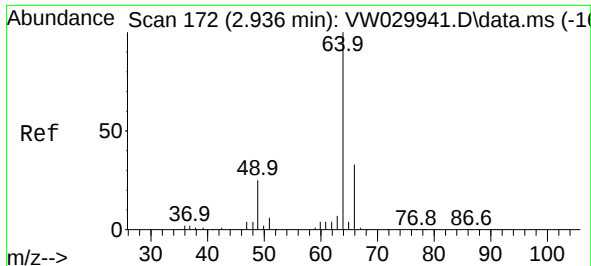
Tgt Ion: 62 Resp: 79351
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.2



#6
 Bromomethane
 Concen: 27.776 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029951.D
 Acq: 19 Aug 2024 15:45

Tgt Ion: 94 Resp: 54320
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.2 123.0

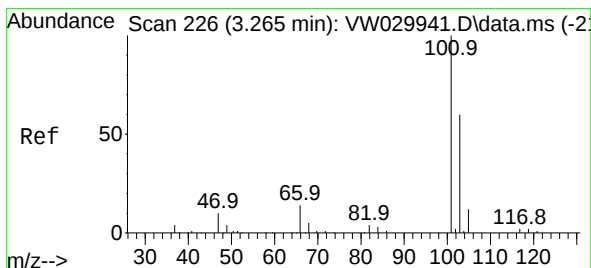
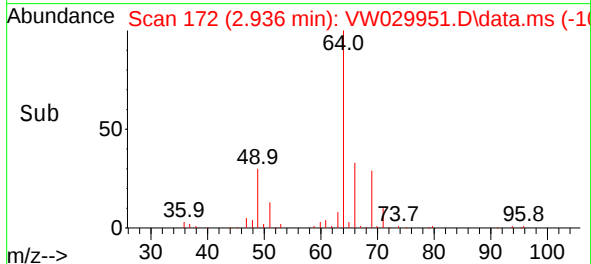
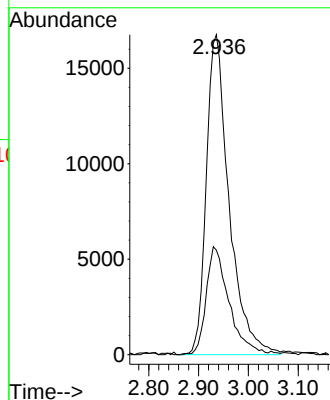
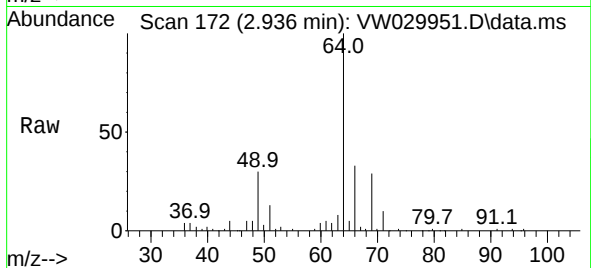




#8
Chloroethane
Concen: 26.263 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

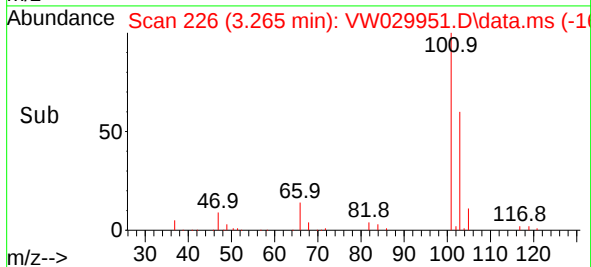
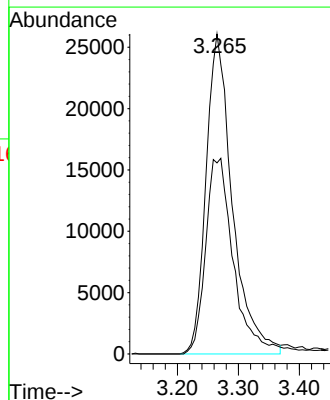
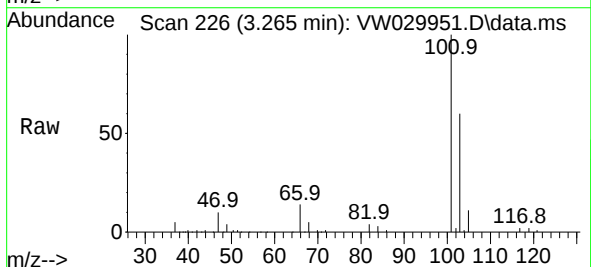
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MSVOA_W
ClientSampleId :

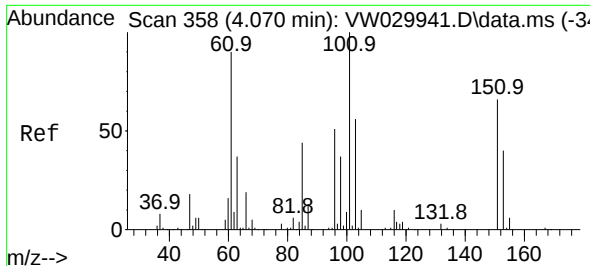
Tgt Ion: 64 Resp: 53209
Ion Ratio Lower Upper
64 100
66 32.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 27.554 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion:101 Resp: 78384
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4





#10

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

Concen: 24.610 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

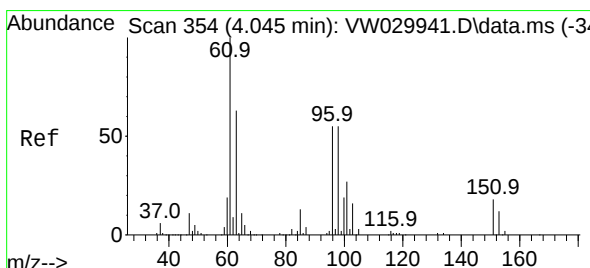
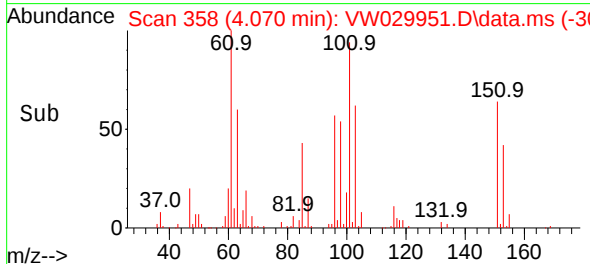
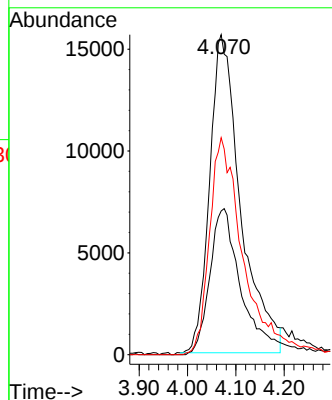
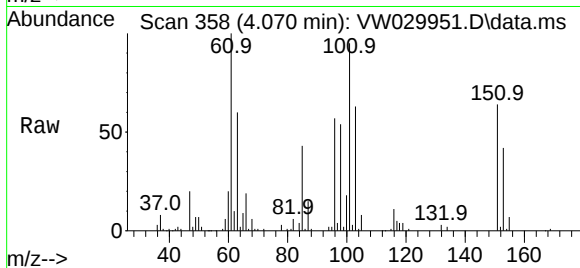
Tgt Ion:101 Resp: 69728

Ion Ratio Lower Upper

101 100

85 47.5 34.2 51.4

151 38.1 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 23.665 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

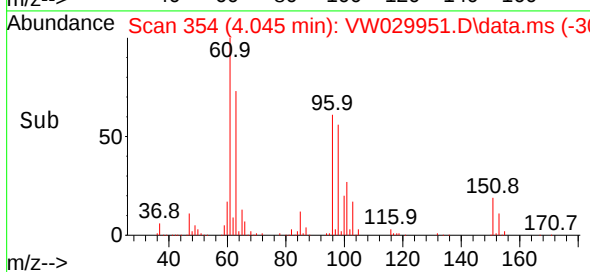
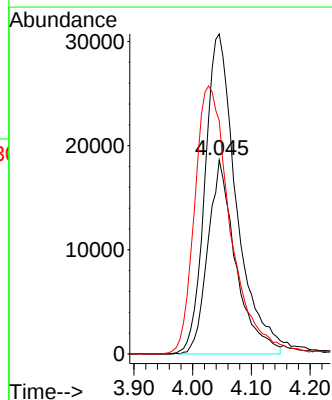
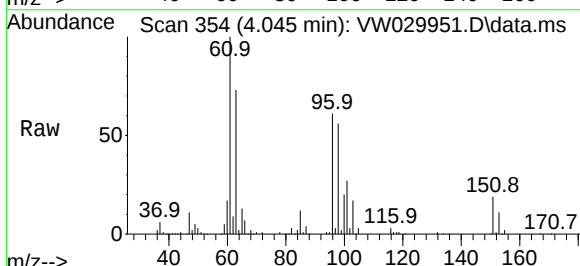
Tgt Ion: 96 Resp: 61607

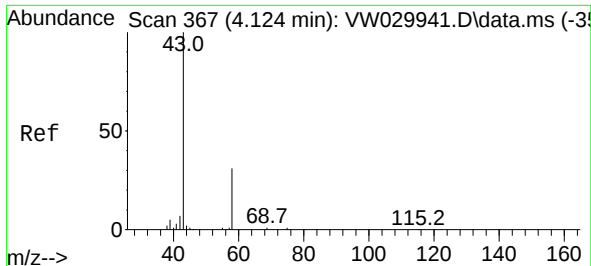
Ion Ratio Lower Upper

96 100

61 165.0 138.3 256.9

63 120.3 89.0 165.4

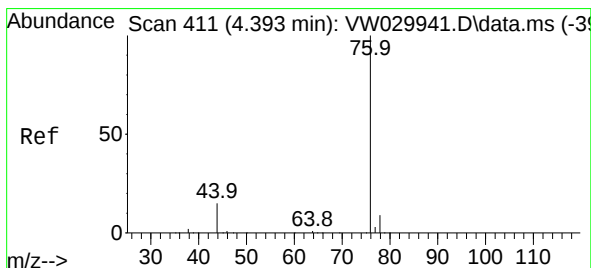
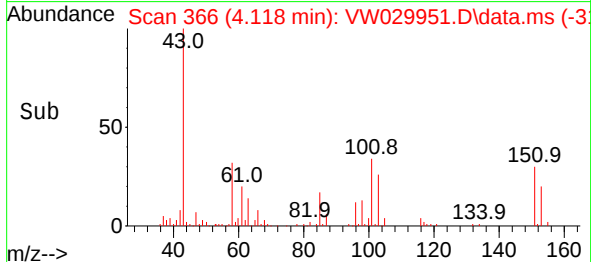
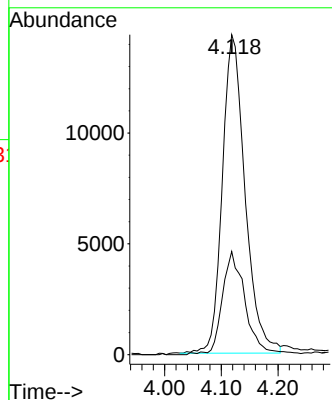
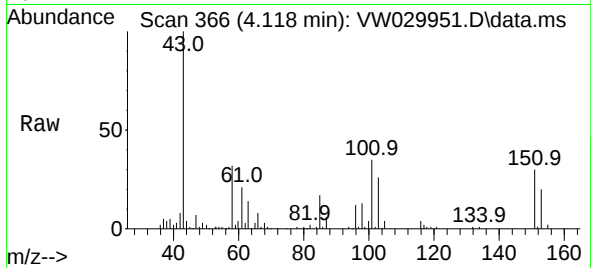




#13
Acetone
Concen: 43.436 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029951.D
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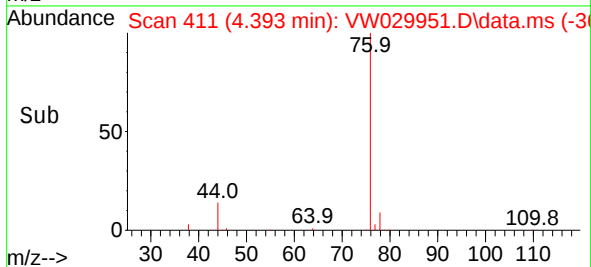
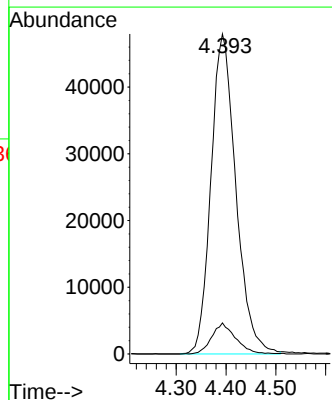
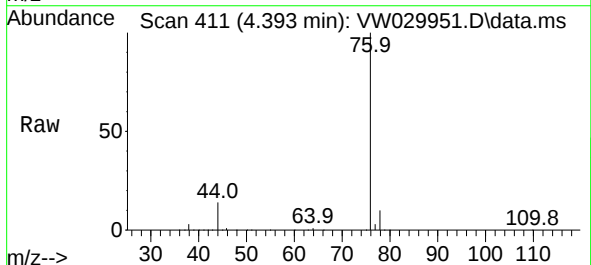
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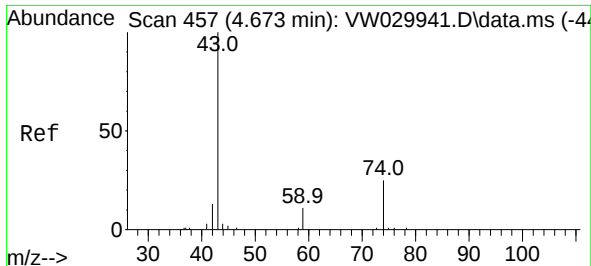
Tgt Ion: 43 Resp: 40026
Ion Ratio Lower Upper
43 100
58 32.4 0.0 57.6



#14
Carbon disulfide
Concen: 19.226 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 166559
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4





#15

Methyl Acetate

Concen: 21.381 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

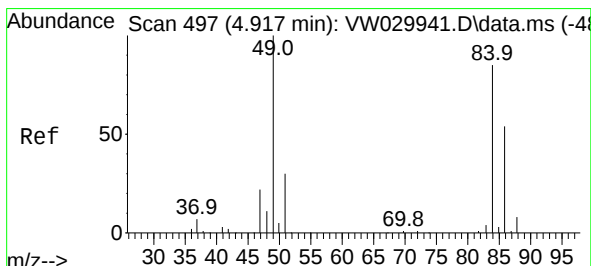
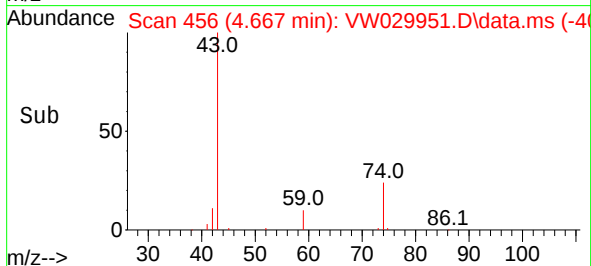
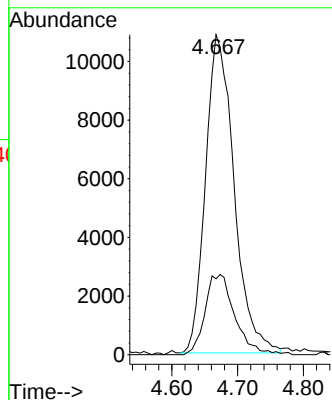
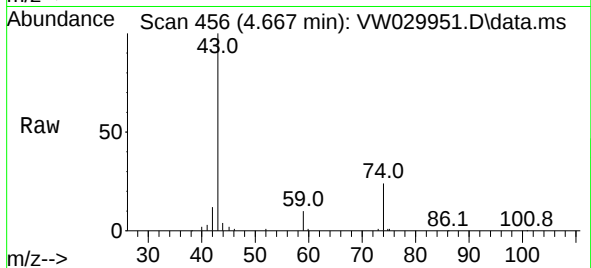
ClientSampleId :

Tgt Ion: 43 Resp: 32817

Ion Ratio Lower Upper

43 100

74 11.2 16.5 24.7#



#16

Methylene chloride

Concen: 24.040 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

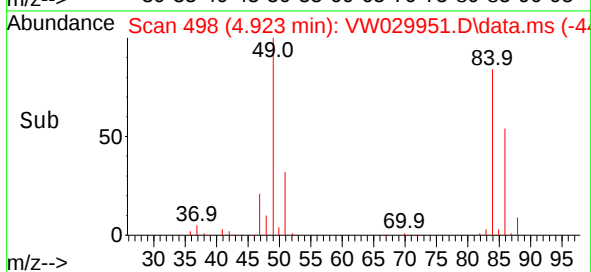
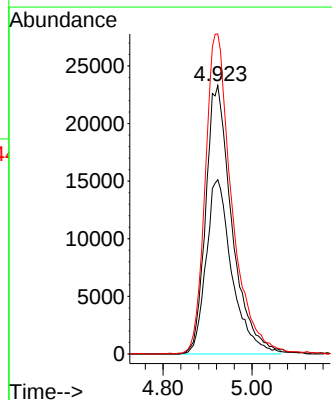
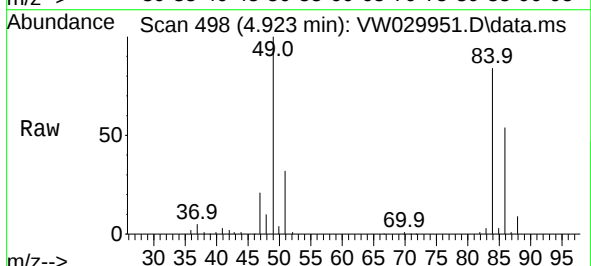
Tgt Ion: 84 Resp: 95770

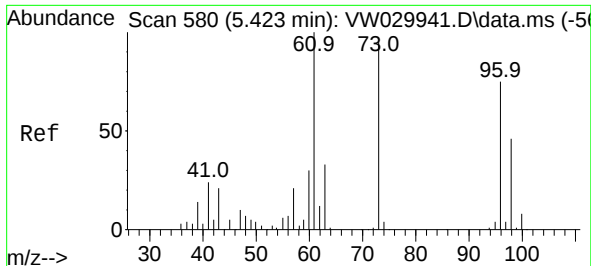
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

49 119.2 99.0 184.0

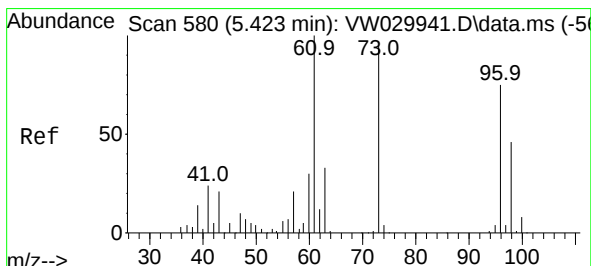
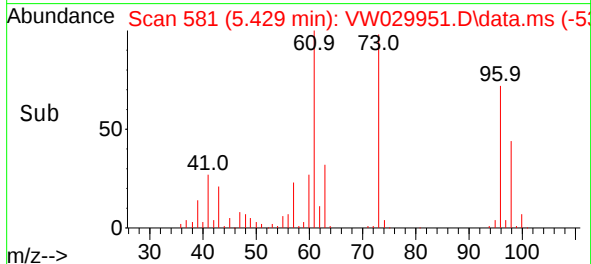
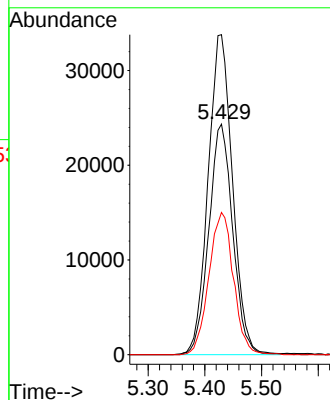
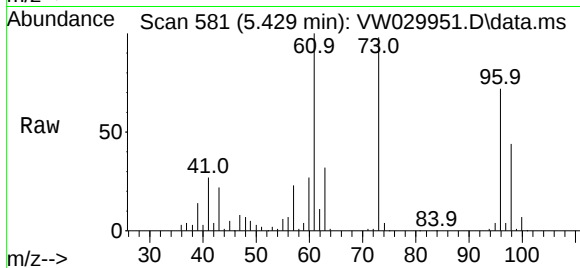




#17
trans-1,2-Dichloroethene
Concen: 25.501 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

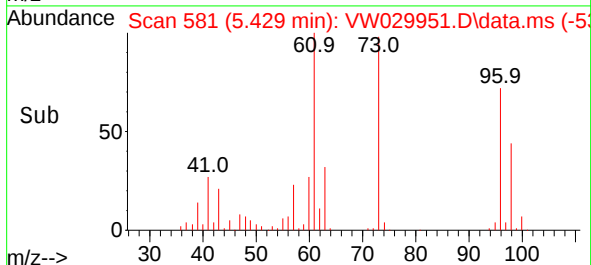
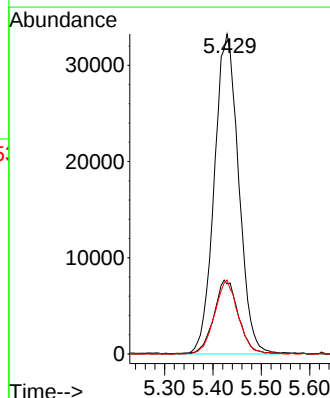
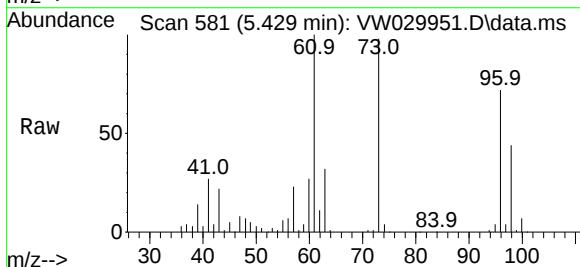
Instrument :
MSVOA_W
ClientSampleId :

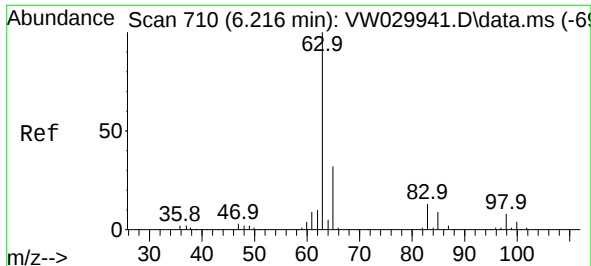
Tgt Ion: 96 Resp: 71539
Ion Ratio Lower Upper
96 100
61 138.8 111.2 206.6
98 61.7 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.146 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion: 73 Resp: 116267
Ion Ratio Lower Upper
73 100
43 22.7 18.3 27.5
57 22.3 17.9 26.9

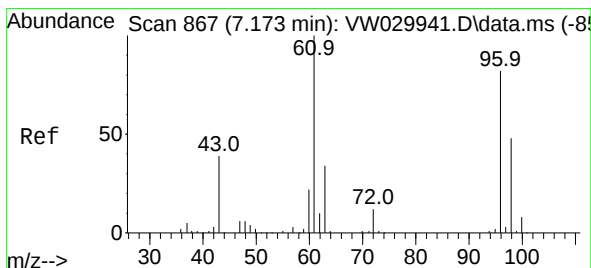
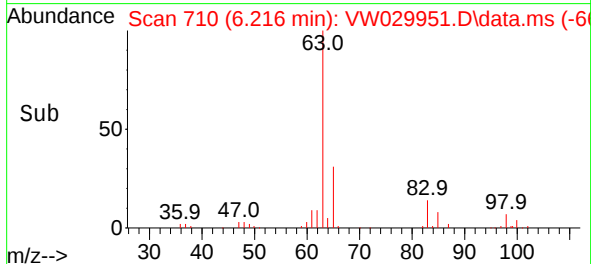
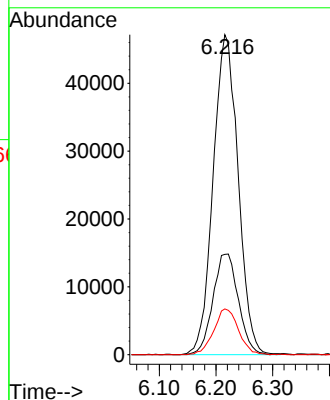
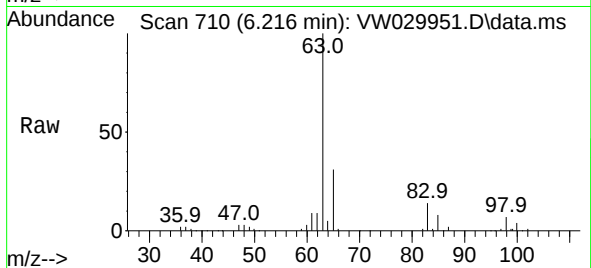




#19
1,1-Dichloroethane
Concen: 24.391 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

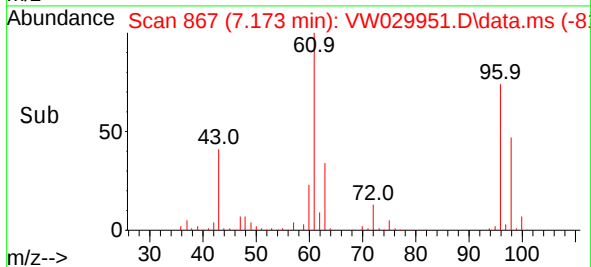
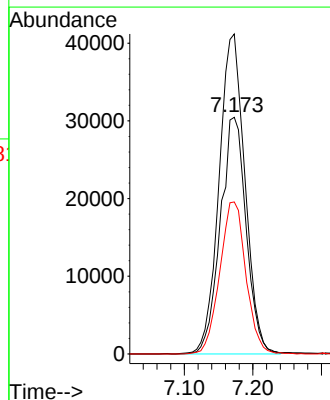
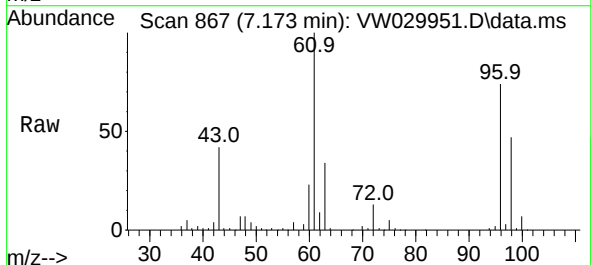
Instrument :
MSVOA_W
ClientSampleId :

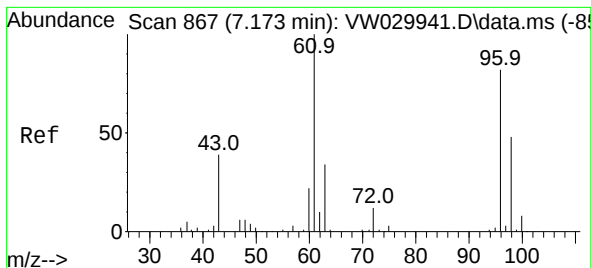
Tgt Ion: 63 Resp: 144316
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 14.3 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 26.194 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion: 96 Resp: 79710
Ion Ratio Lower Upper
96 100
61 135.2 98.2 182.4
98 64.2 41.9 77.9





#22

2-Butanone

Concen: 41.058 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

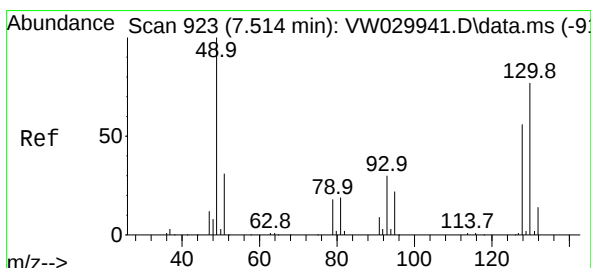
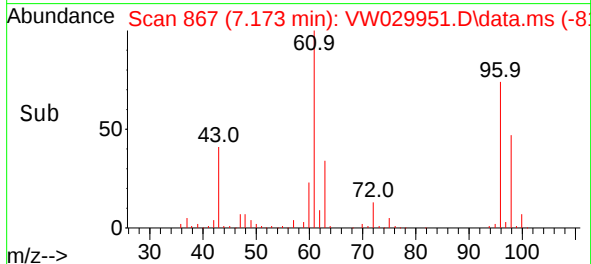
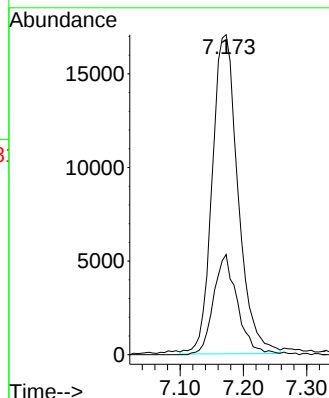
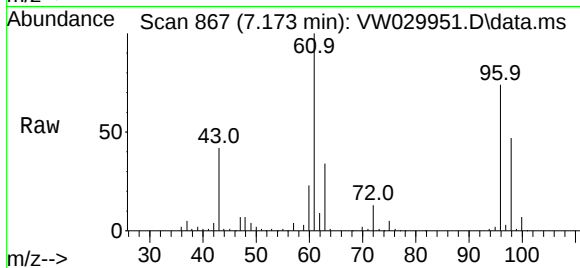
ClientSampleId :

Tgt Ion: 43 Resp: 48478

Ion Ratio Lower Upper

43 100

72 28.7 11.7 35.1



#23

Bromochloromethane

Concen: 28.809 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Tgt Ion: 128 Resp: 37218

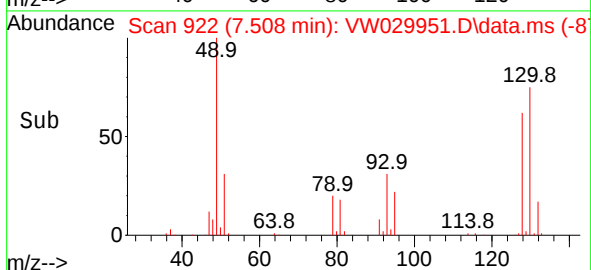
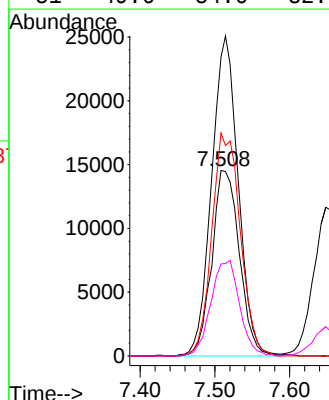
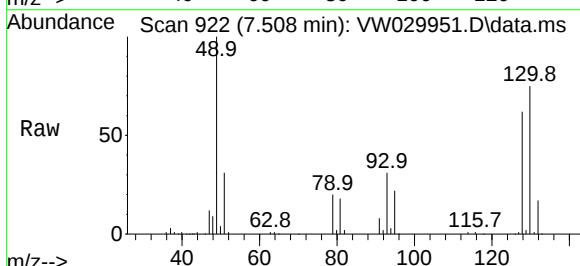
Ion Ratio Lower Upper

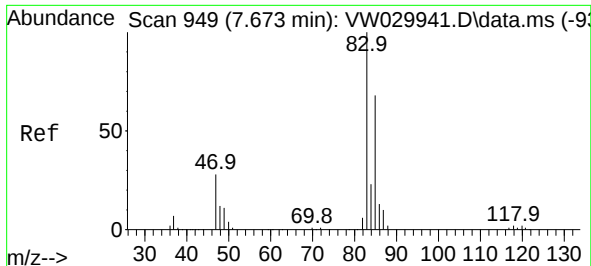
128 100

49 161.1 151.1 280.7

130 120.3 96.8 179.8

51 49.6 54.6 82.0#





#25

Chloroform

Concen: 28.499 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

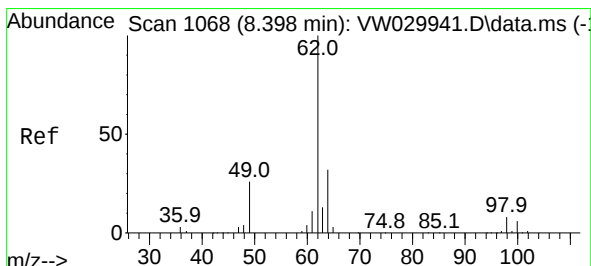
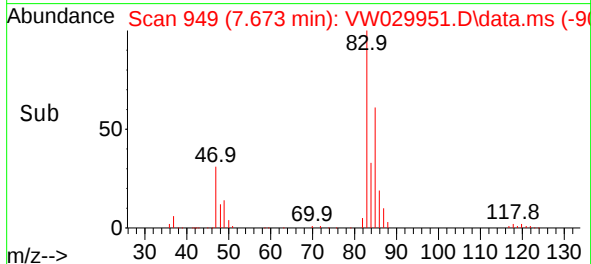
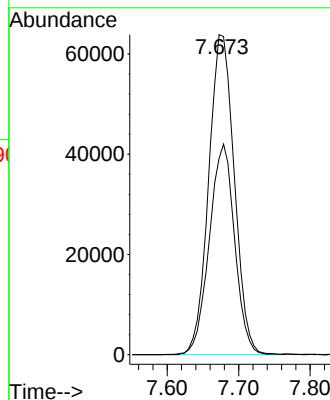
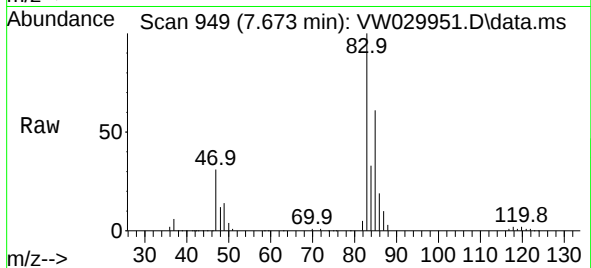
ClientSampleId :

Tgt Ion: 83 Resp: 158867

Ion Ratio Lower Upper

83 100

85 61.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 27.041 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029951.D

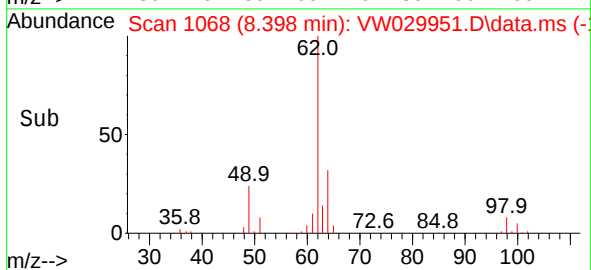
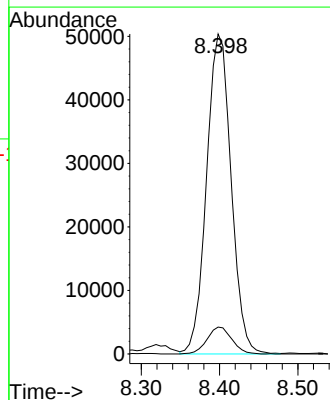
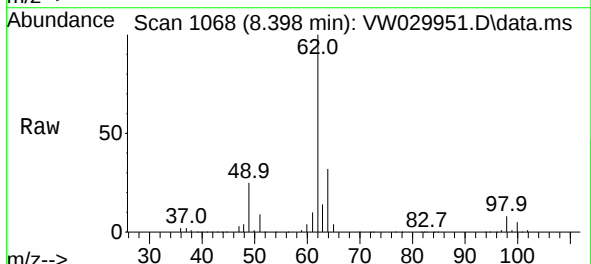
Acq: 19 Aug 2024 15:45

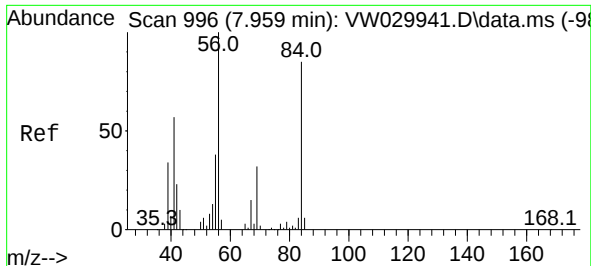
Tgt Ion: 62 Resp: 109854

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 19.094 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

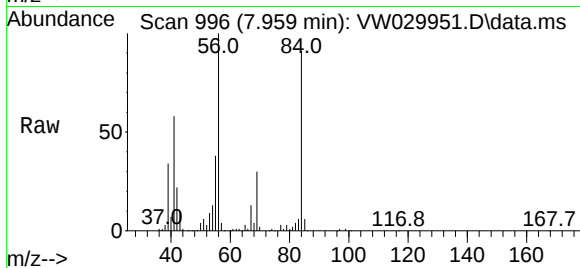
Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



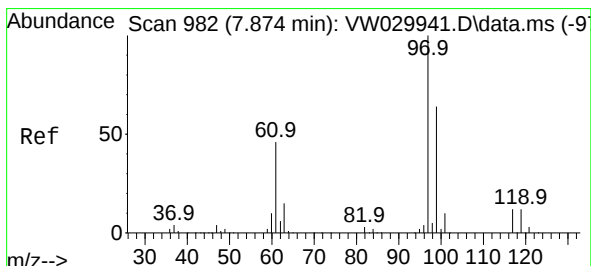
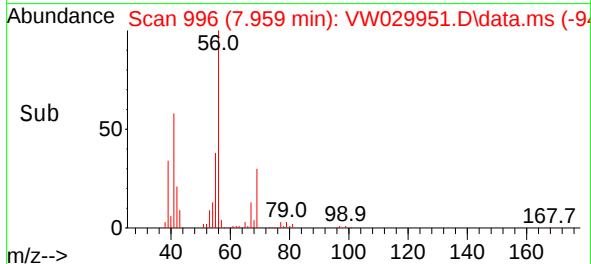
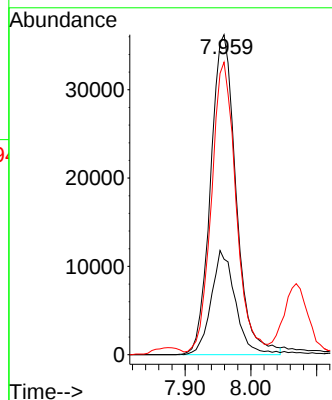
Tgt Ion: 56 Resp: 97900

Ion Ratio Lower Upper

56 100

69 30.4 23.0 34.4

84 88.2 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 26.190 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

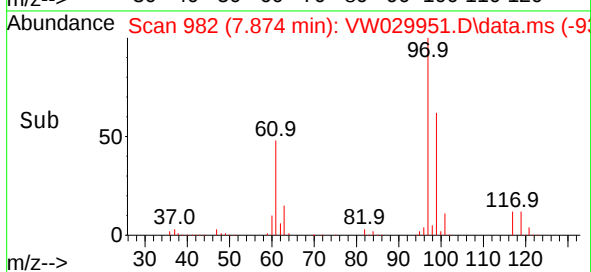
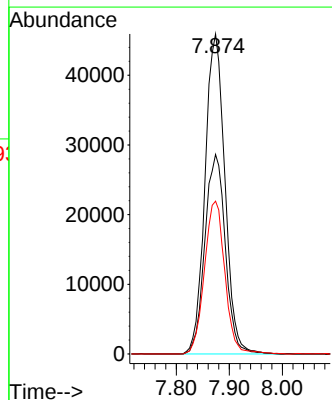
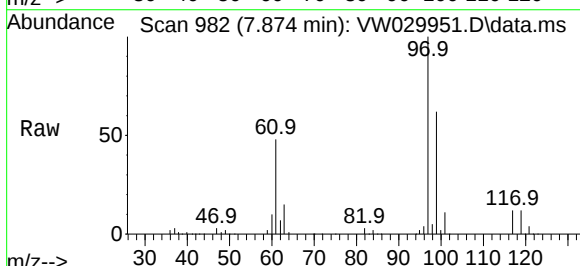
Tgt Ion: 97 Resp: 119660

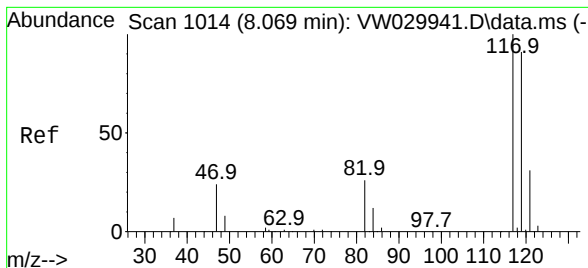
Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 49.3 42.6 63.8

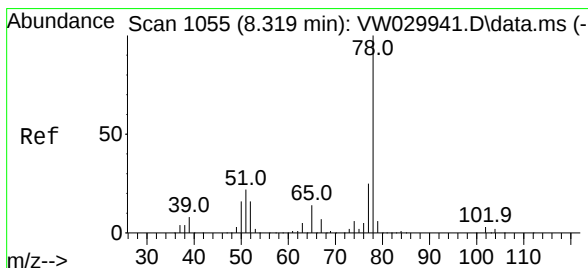
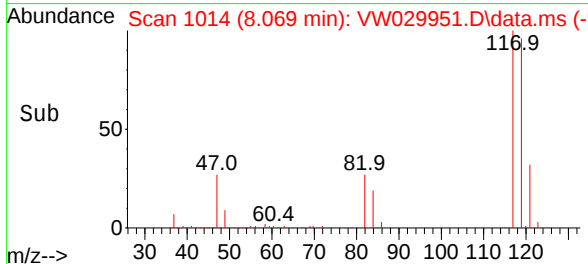
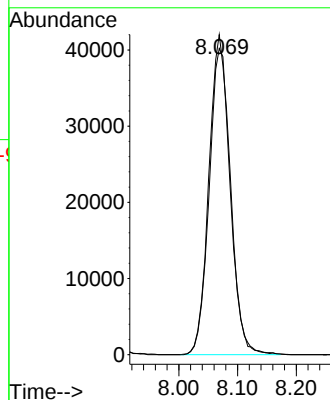
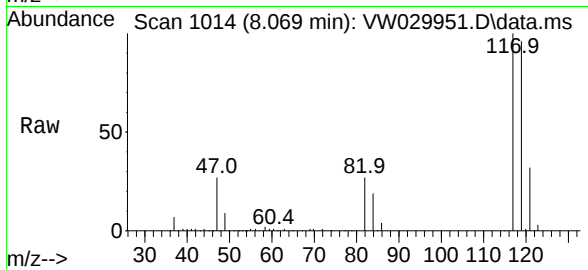




#31
Carbon tetrachloride
Concen: 25.700 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

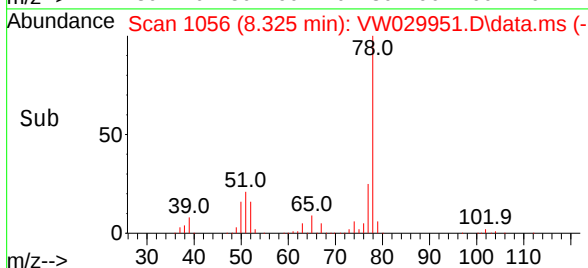
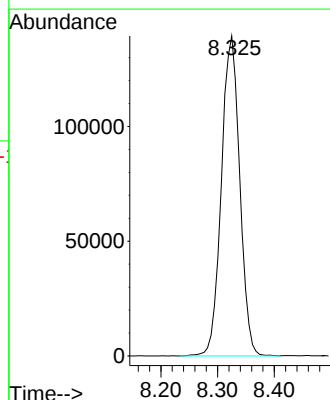
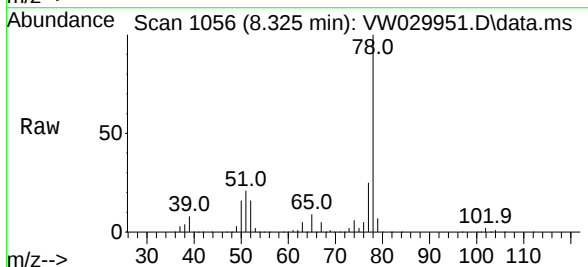
Instrument :
MSVOA_W
ClientSampleId :

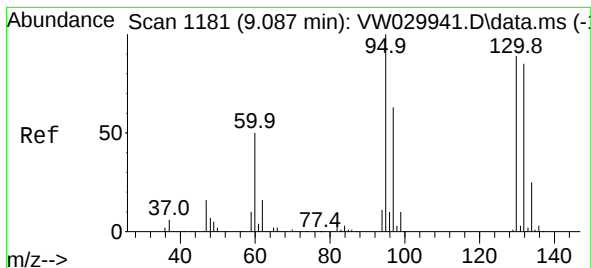
Tgt Ion:117 Resp: 105805
Ion Ratio Lower Upper
117 100
119 95.7 74.8 112.2



#33
Benzene
Concen: 25.382 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion: 78 Resp: 313772





#34

Trichloroethene

Concen: 25.355 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 82167

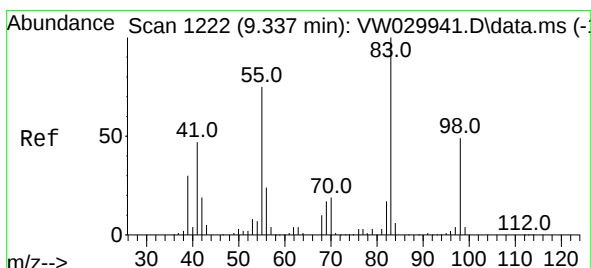
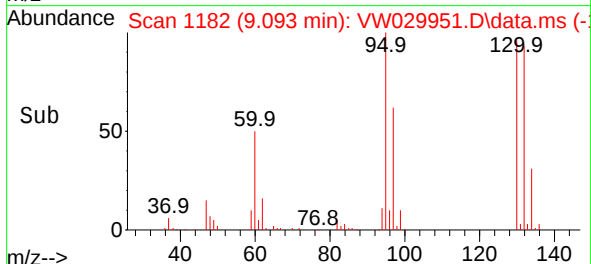
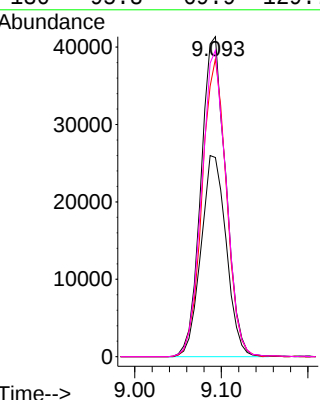
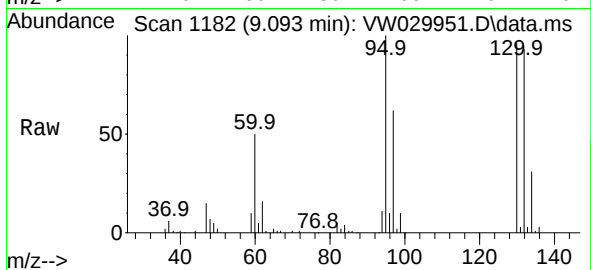
Ion Ratio Lower Upper

95 100

97 62.3 45.6 84.8

132 93.0 65.2 121.0

130 95.8 69.9 129.7



#35

Methylcyclohexane

Concen: 22.246 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

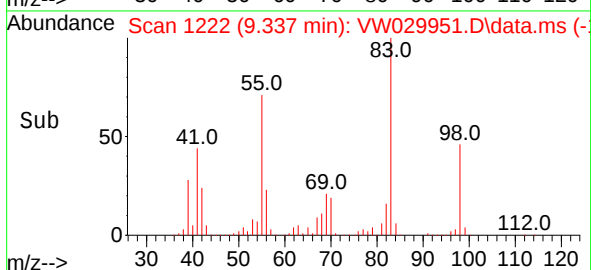
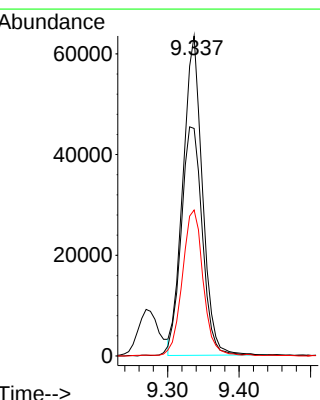
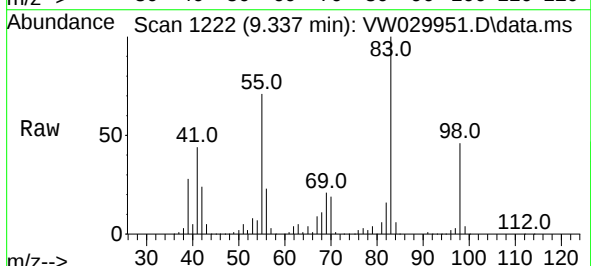
Tgt Ion: 83 Resp: 120127

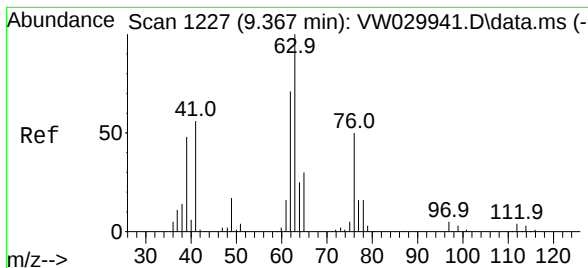
Ion Ratio Lower Upper

83 100

55 78.1 67.4 101.2

98 48.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.790 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

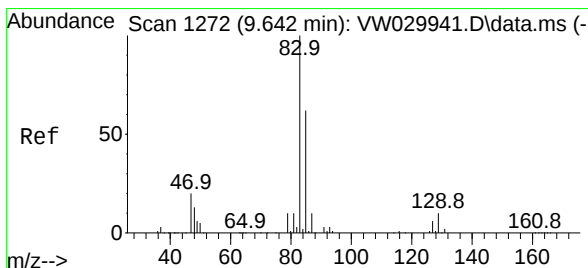
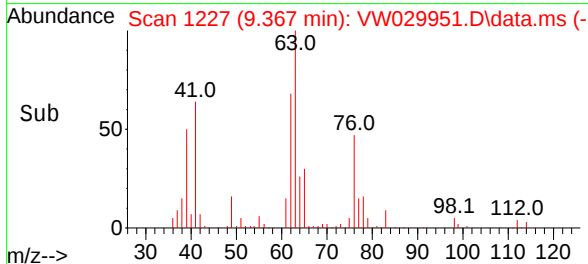
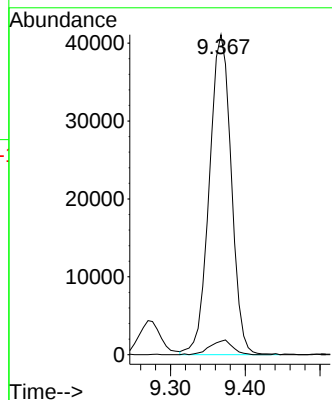
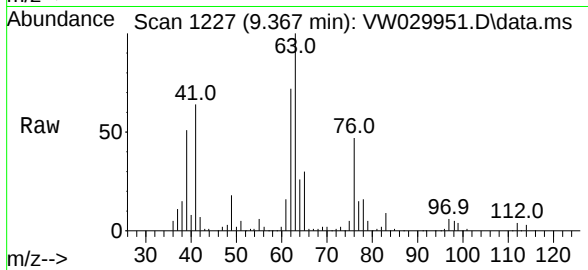
ClientSampleId :

Tgt Ion: 63 Resp: 83982

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9



#38

Bromodichloromethane

Concen: 28.019 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

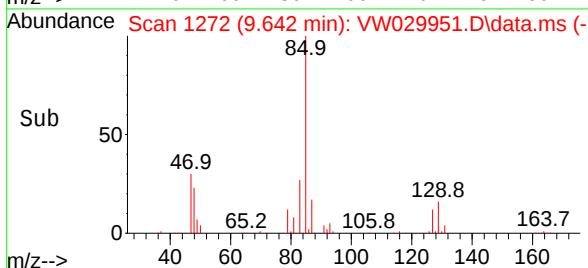
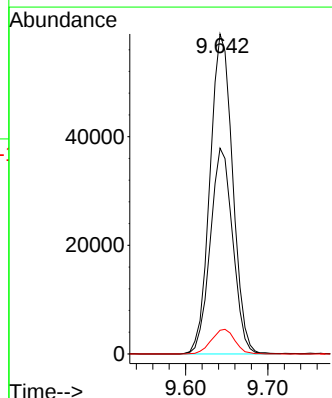
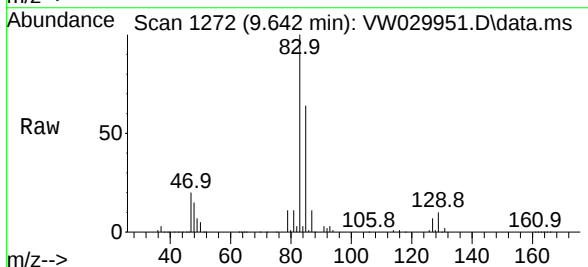
Tgt Ion: 83 Resp: 113033

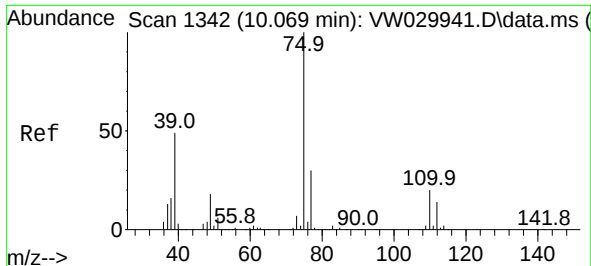
Ion Ratio Lower Upper

83 100

85 64.3 46.6 86.6

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.375 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

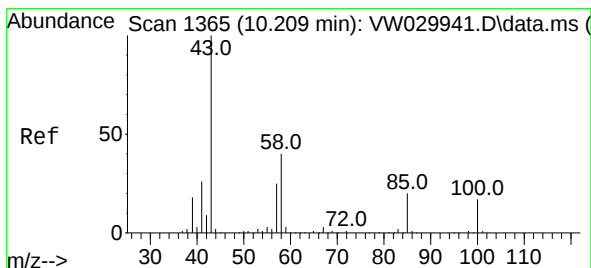
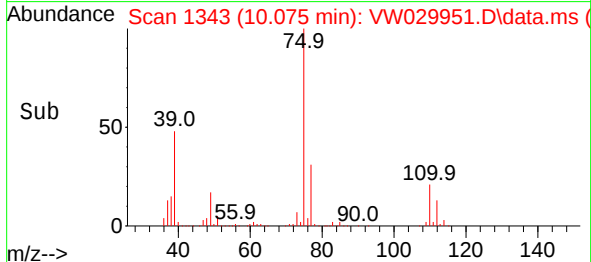
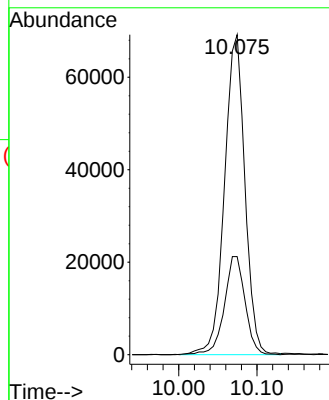
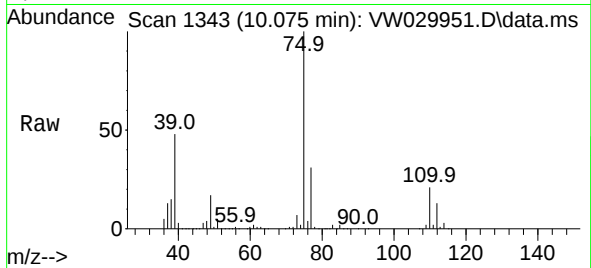
ClientSampleId :

Tgt Ion: 75 Resp: 125190

Ion Ratio Lower Upper

75 100

77 30.6 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 45.842 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

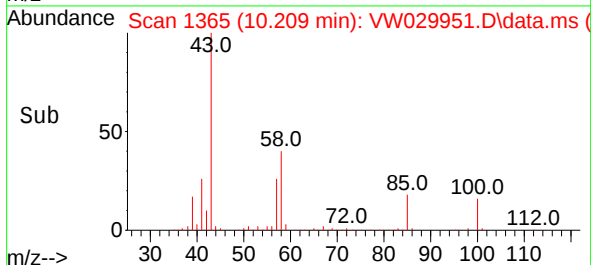
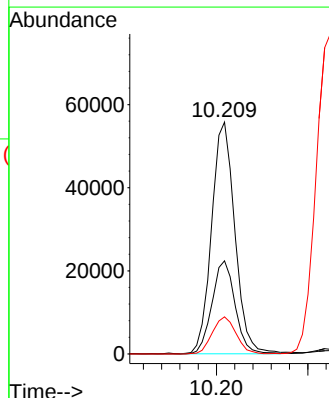
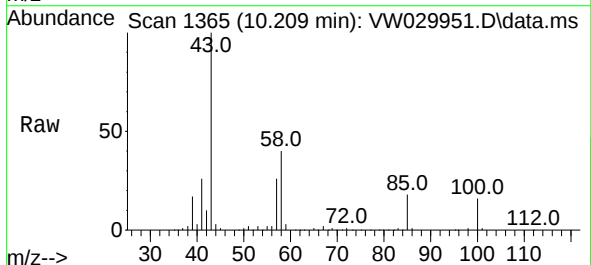
Tgt Ion: 43 Resp: 98644

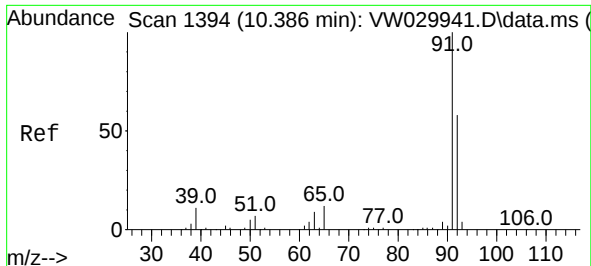
Ion Ratio Lower Upper

43 100

58 40.1 28.7 43.1

100 16.4 10.0 15.0#





#42

Toluene

Concen: 27.448 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

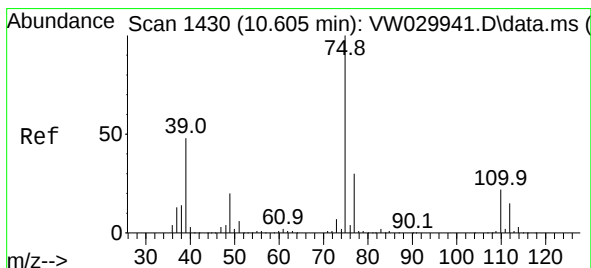
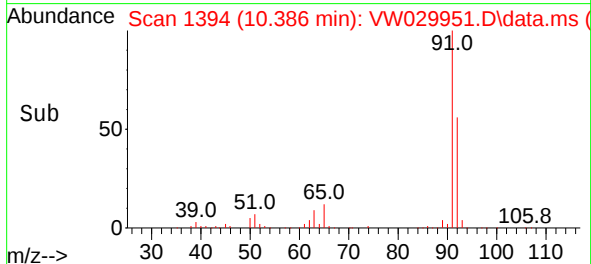
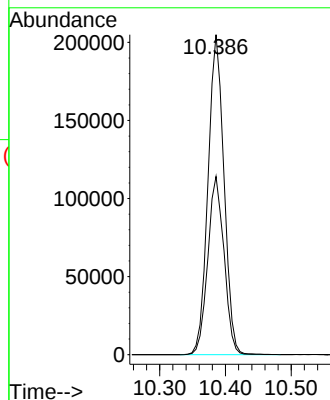
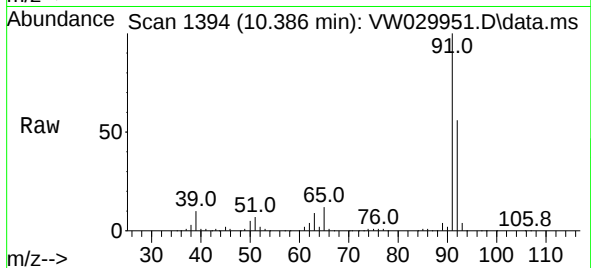
ClientSampleId :

Tgt Ion: 91 Resp: 346347

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.465 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029951.D

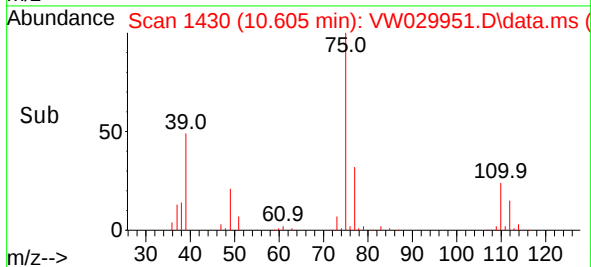
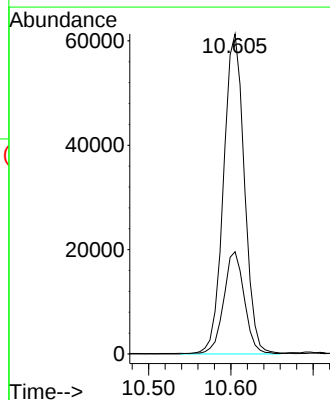
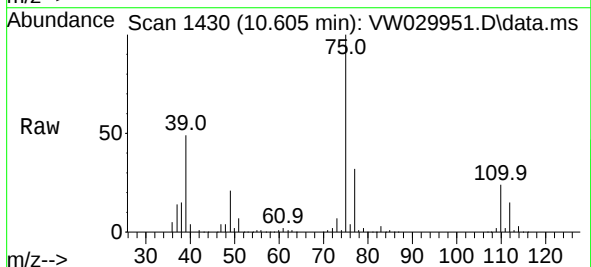
Acq: 19 Aug 2024 15:45

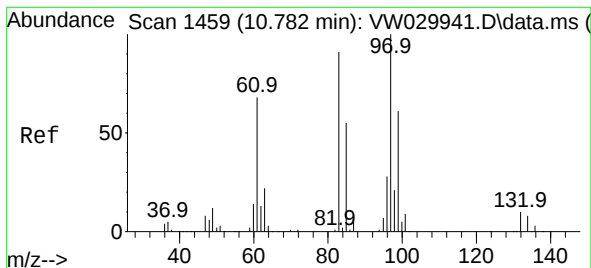
Tgt Ion: 75 Resp: 108390

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.822 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

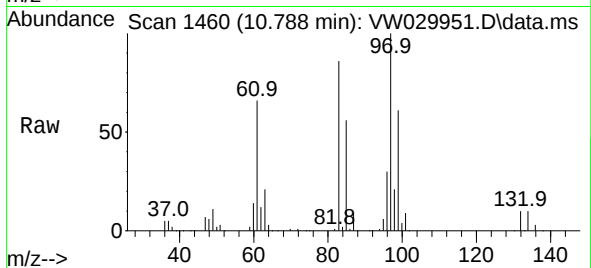
Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 65596

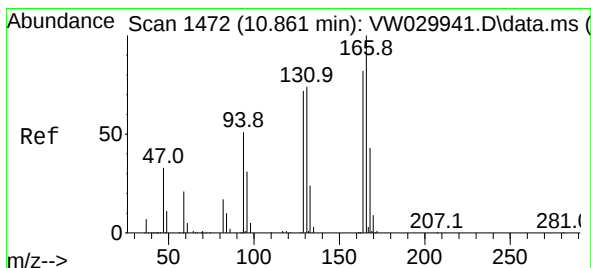
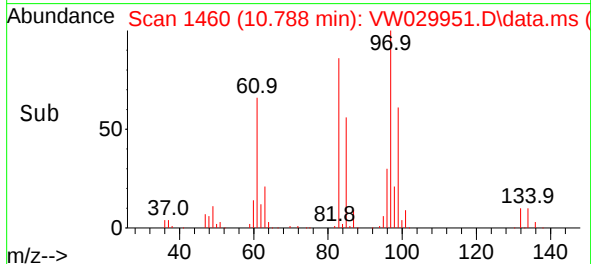
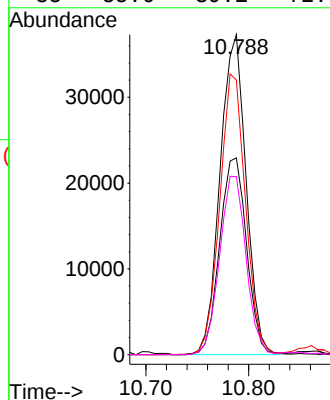
Ion Ratio Lower Upper

97 100

99 61.5 40.1 74.5

83 85.9 58.5 108.7

85 55.6 39.1 72.7



#46

Tetrachloroethene

Concen: 25.309 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Tgt Ion:164 Resp: 59614

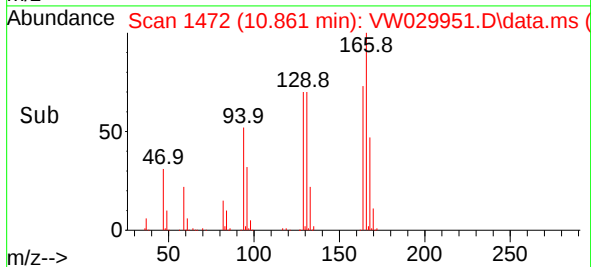
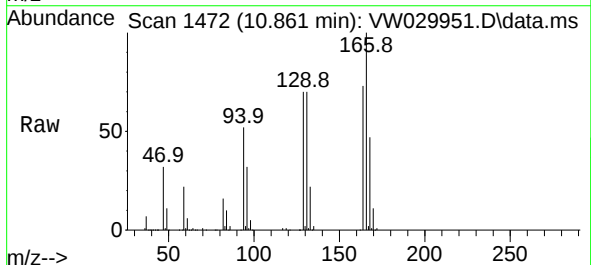
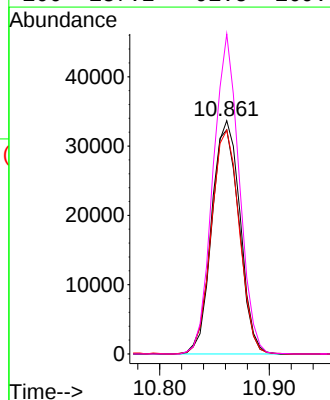
Ion Ratio Lower Upper

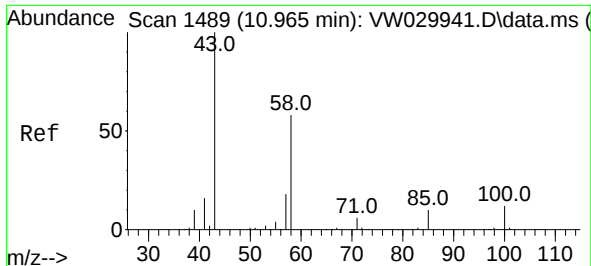
164 100

129 96.1 77.8 144.6

131 96.0 70.9 131.7

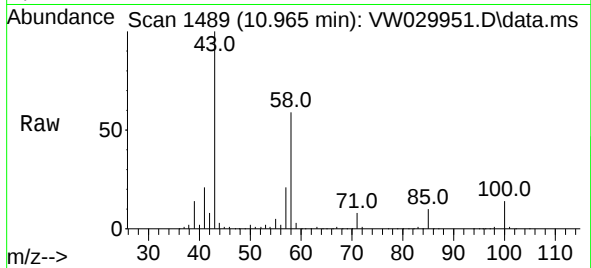
166 137.2 91.5 169.9



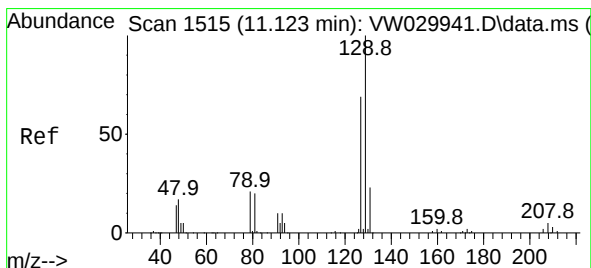
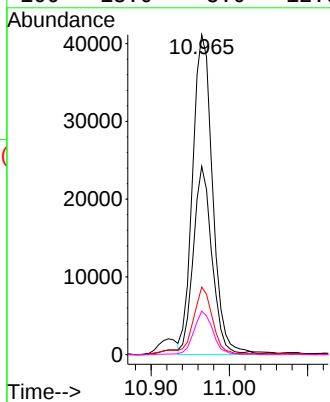
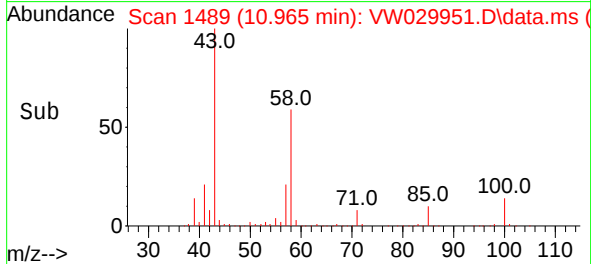


#48
2-Hexanone
Concen: 45.633 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

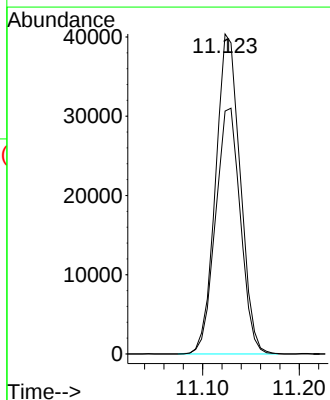
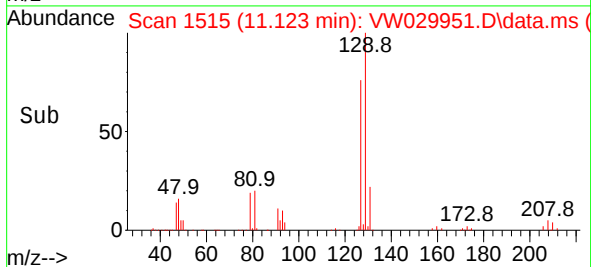
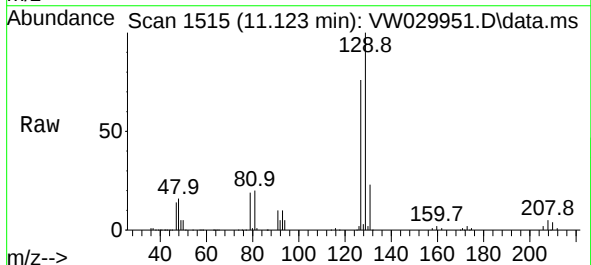


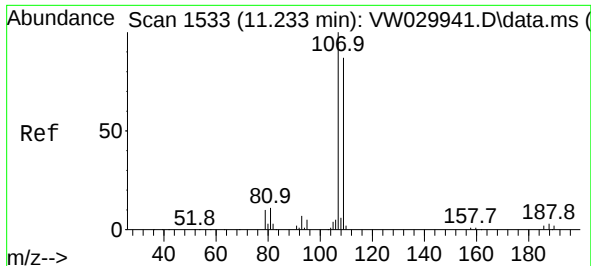
Tgt Ion: 43 Resp: 73542
Ion Ratio Lower Upper
43 100
58 54.6 41.0 61.4
57 19.8 14.1 21.1
100 13.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 30.257 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion:129 Resp: 71485
Ion Ratio Lower Upper
129 100
127 75.9 52.4 97.2





#50

1,2-Dibromoethane

Concen: 28.985 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

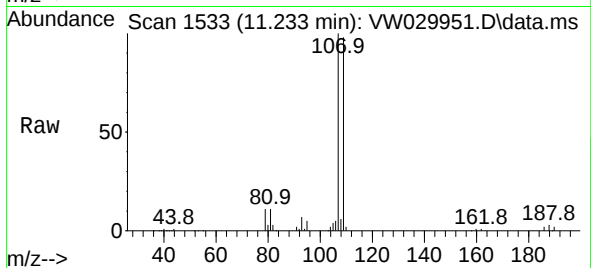
Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



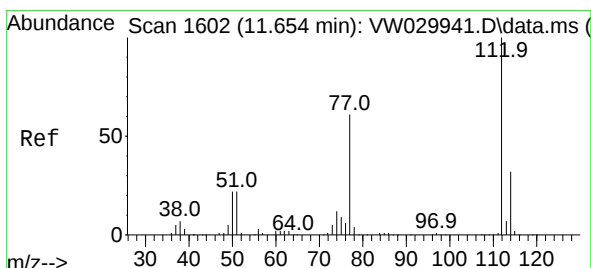
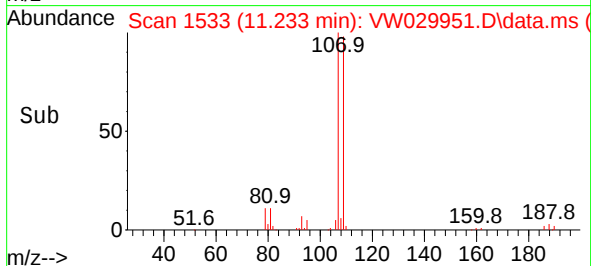
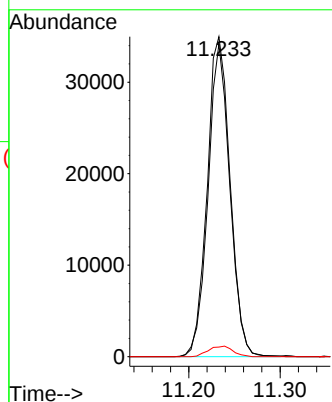
Tgt Ion:107 Resp: 61035

Ion Ratio Lower Upper

107 100

109 97.7 64.8 120.3

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 26.733 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

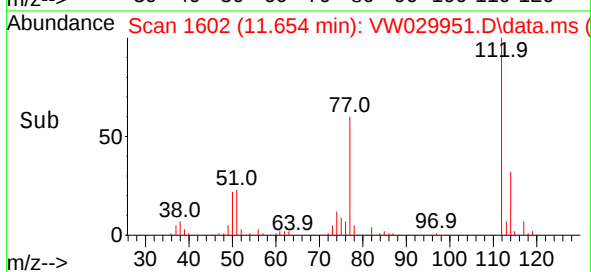
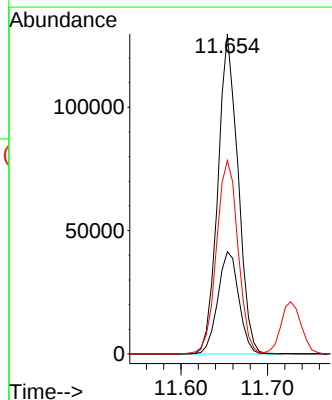
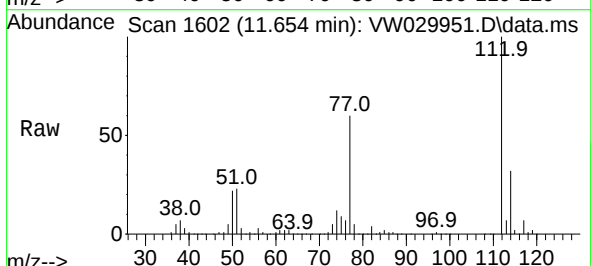
Tgt Ion:112 Resp: 209822

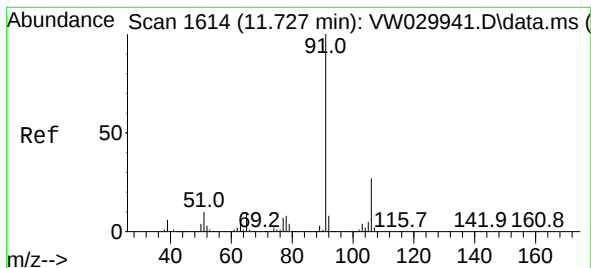
Ion Ratio Lower Upper

112 100

114 31.9 22.0 40.8

77 60.5 53.8 80.8

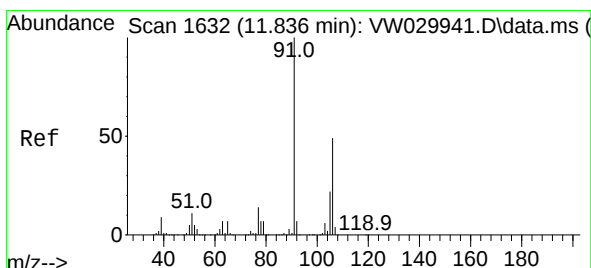
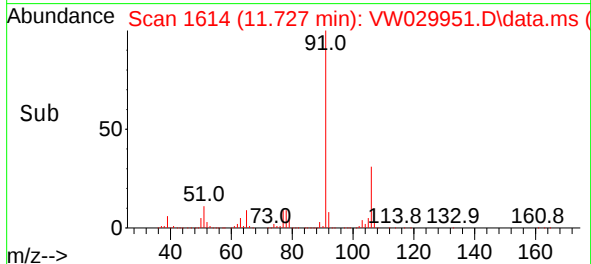
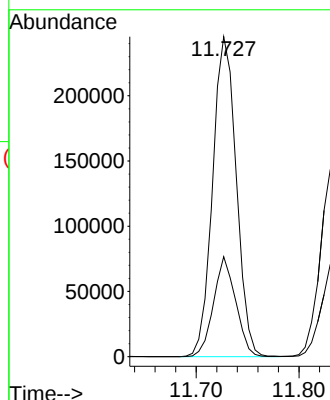
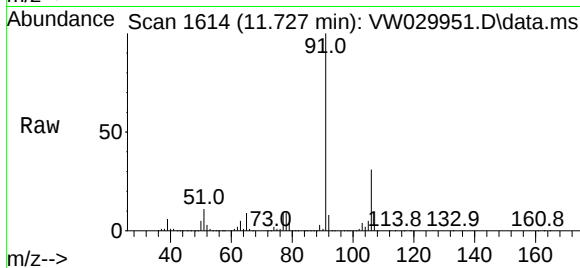




#52
Ethylbenzene
Concen: 27.525 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

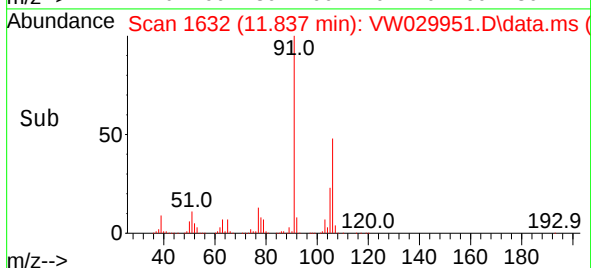
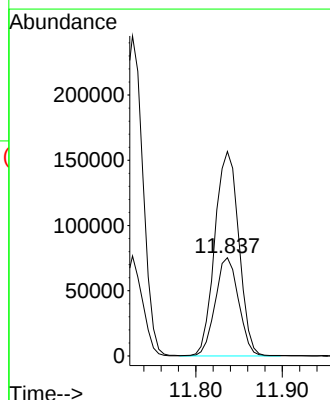
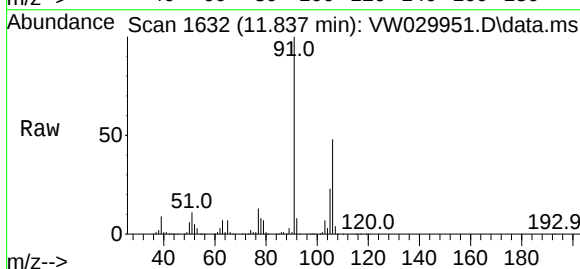
Instrument :
MSVOA_W
ClientSampleId :

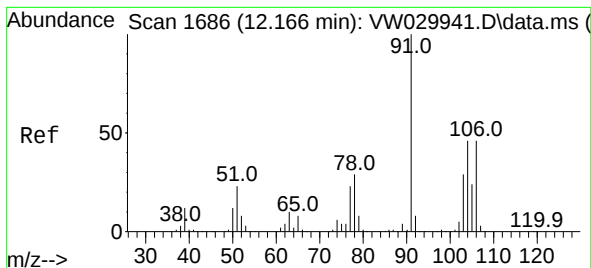
Tgt Ion: 91 Resp: 391780
Ion Ratio Lower Upper
91 100
106 31.2 20.4 38.0



#53
m,p-Xylene
Concen: 26.995 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion:106 Resp: 141312
Ion Ratio Lower Upper
106 100
91 208.2 151.4 281.2





#54

o-Xylene

Concen: 27.941 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

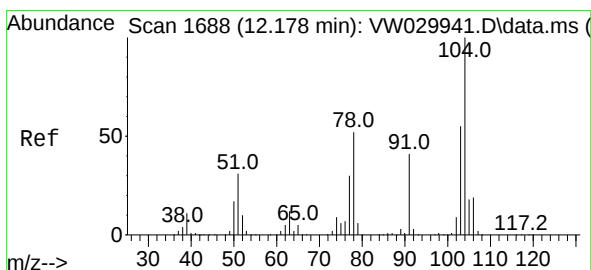
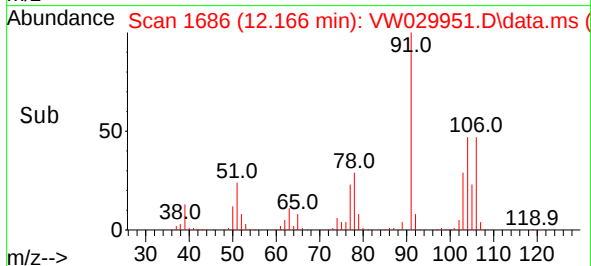
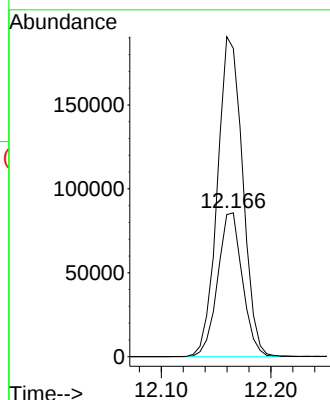
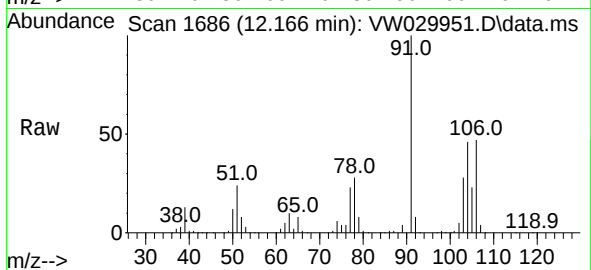
ClientSampleId :

Tgt Ion:106 Resp: 134690

Ion Ratio Lower Upper

106 100

91 214.3 155.8 289.4



#55

Styrene

Concen: 29.784 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029951.D

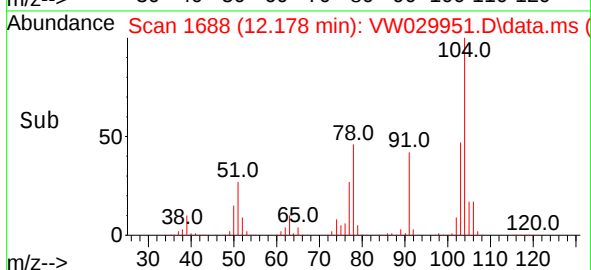
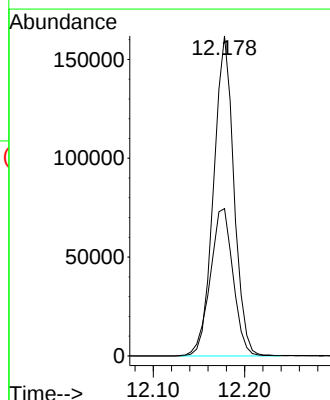
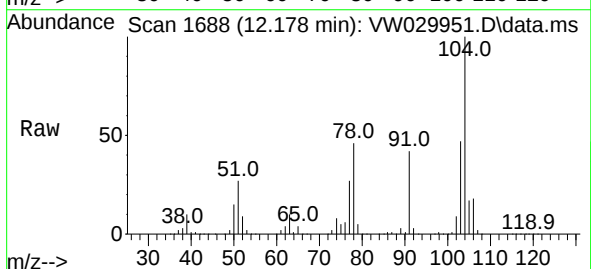
Acq: 19 Aug 2024 15:45

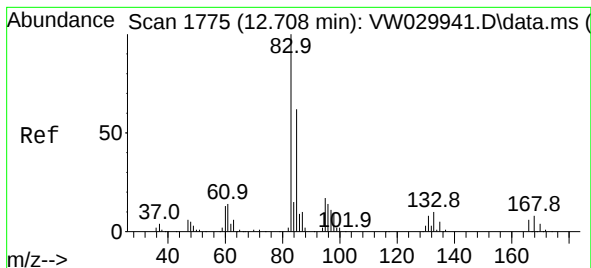
Tgt Ion:104 Resp: 248875

Ion Ratio Lower Upper

104 100

78 46.1 33.3 61.9

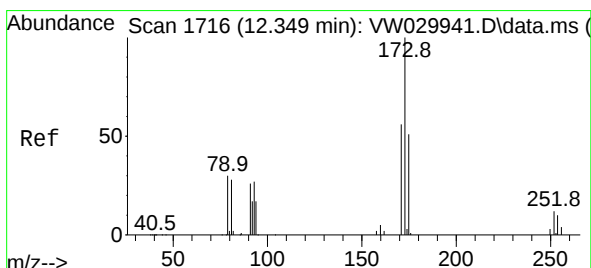
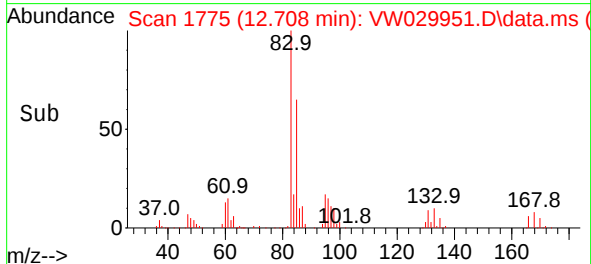
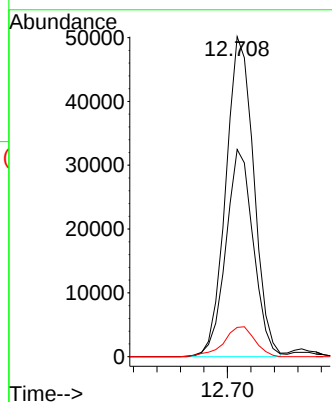
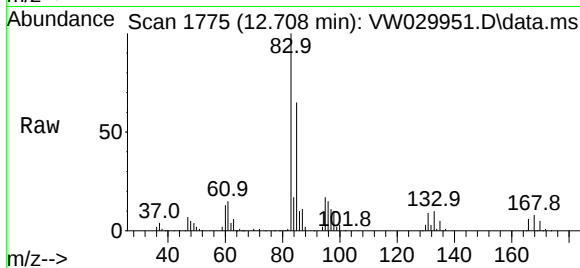




#57
1,1,2,2-Tetrachloroethane
Concen: 29.701 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

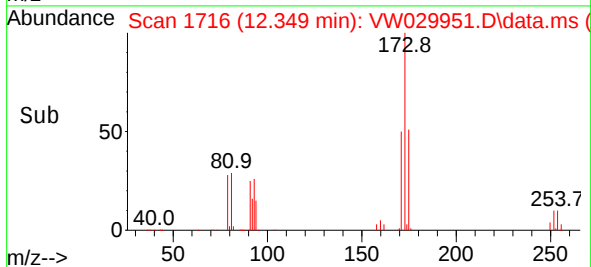
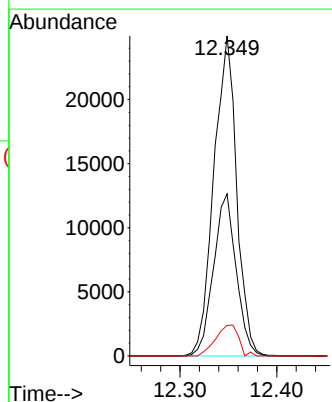
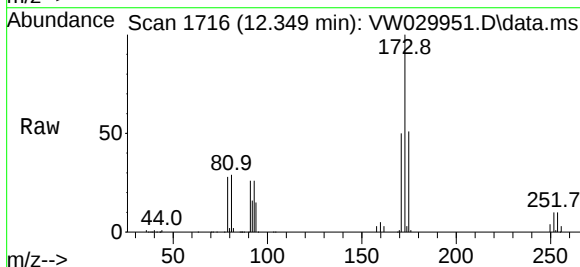
Instrument :
MSVOA_W
ClientSampleId :

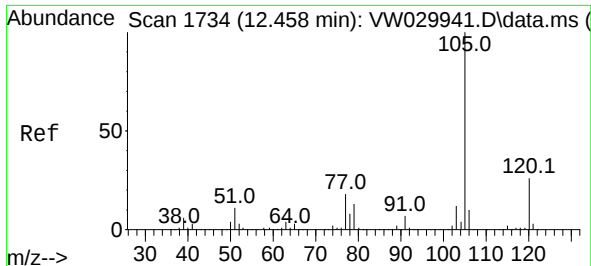
Tgt Ion: 83 Resp: 82965
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.0
131 9.2 6.2 9.2



#59
Bromoform
Concen: 27.486 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

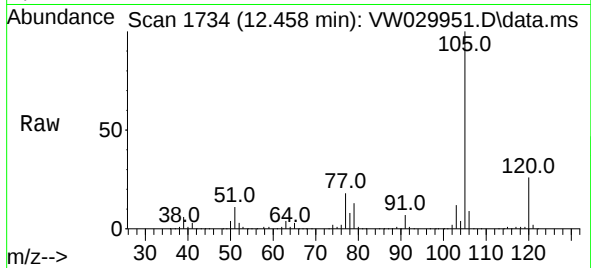
Tgt Ion:173 Resp: 40855
Ion Ratio Lower Upper
173 100
175 50.4 38.1 57.1
254 9.4 7.8 11.6



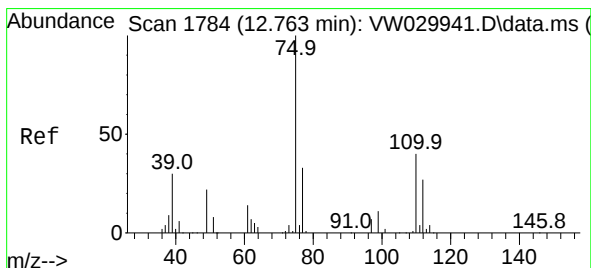
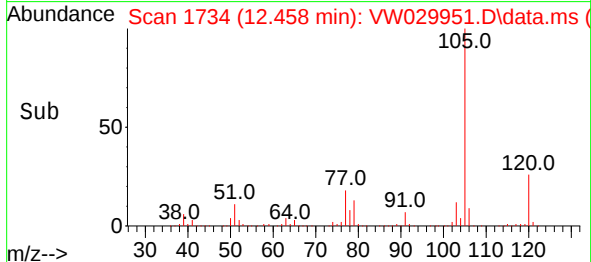
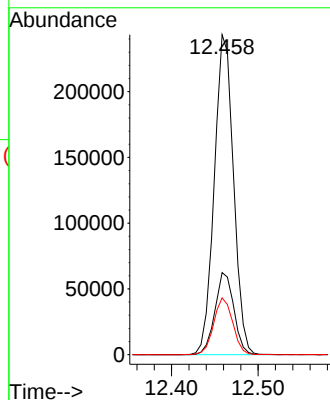


#60
Isopropylbenzene
Concen: 24.574 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

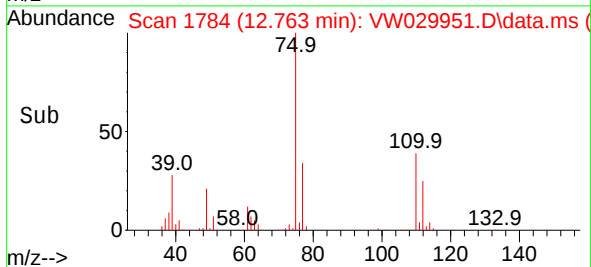
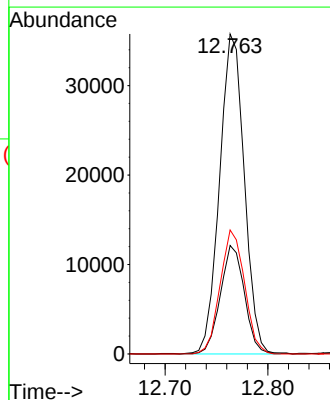
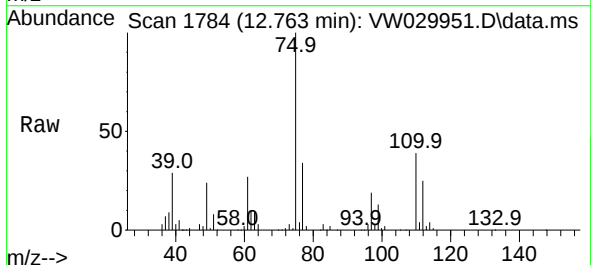


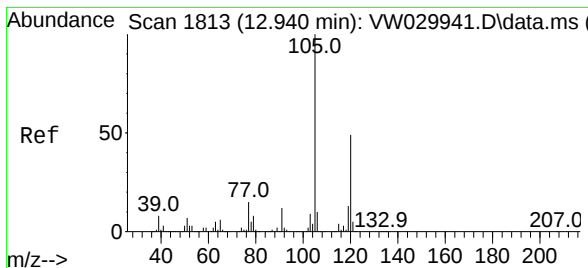
Tgt Ion:105 Resp: 375638
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.6 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 24.849 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion: 75 Resp: 59701
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
110 38.4 28.6 43.0

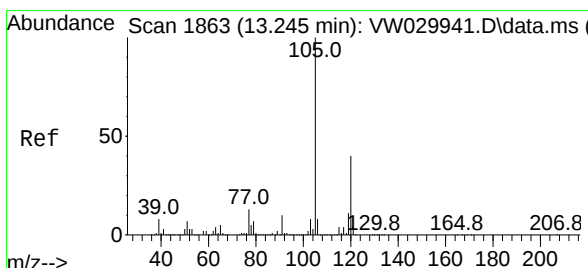
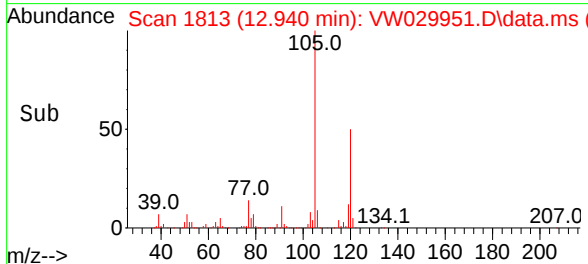
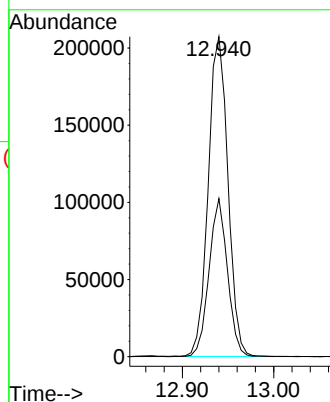
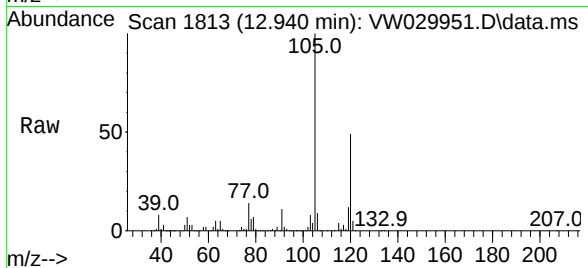




#62
1,3,5-Trimethylbenzene
Concen: 27.293 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

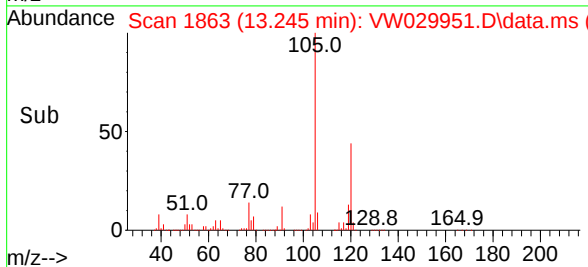
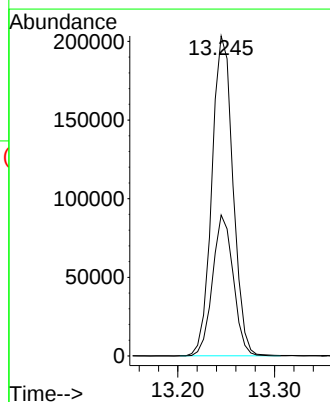
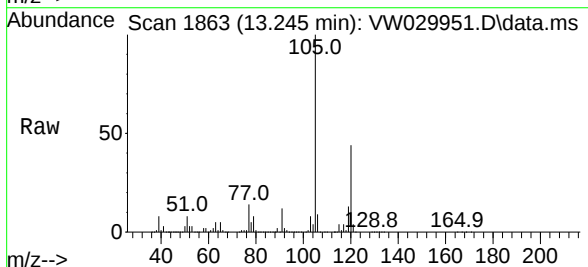
Instrument :
MSVOA_W
ClientSampleId :

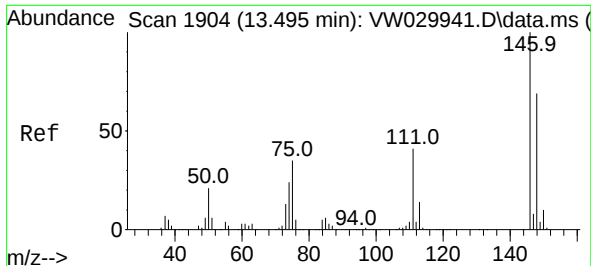
Tgt Ion:105 Resp: 310107
Ion Ratio Lower Upper
105 100
120 46.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.398 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion:105 Resp: 308622
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.862 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

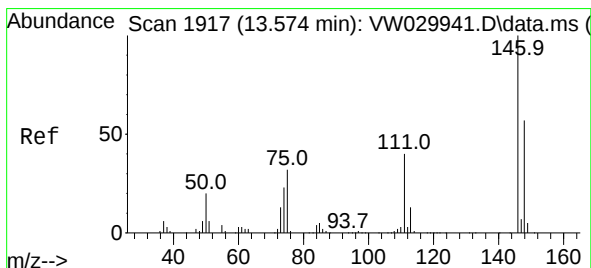
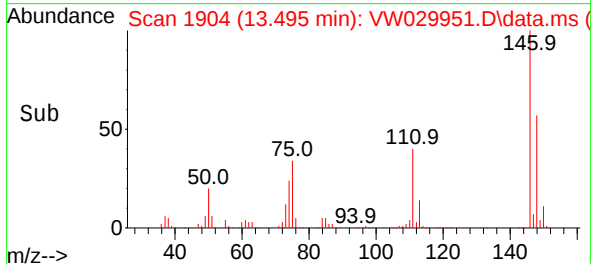
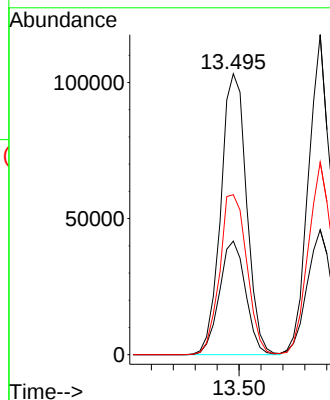
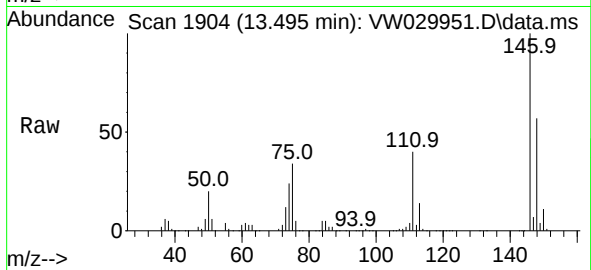
Tgt Ion:146 Resp: 168671

Ion Ratio Lower Upper

146 100

111 40.4 28.7 53.3

148 56.9 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 25.664 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

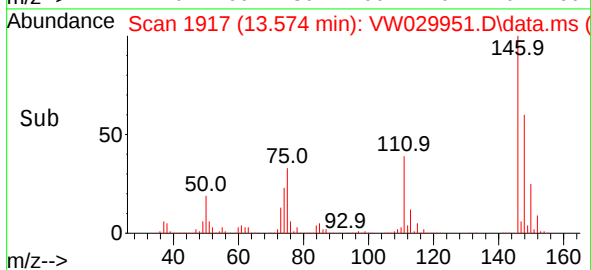
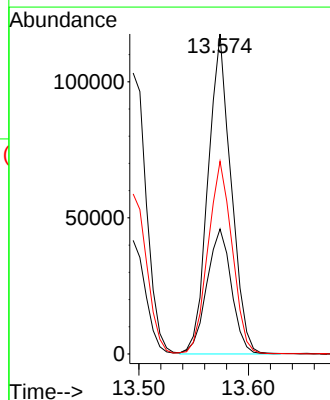
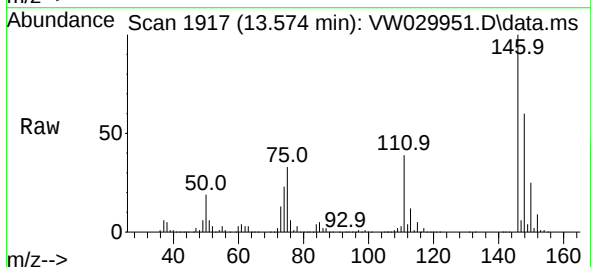
Tgt Ion:146 Resp: 171931

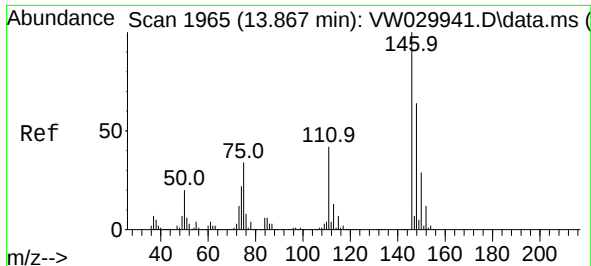
Ion Ratio Lower Upper

146 100

111 39.0 30.1 55.9

148 60.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 26.519 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

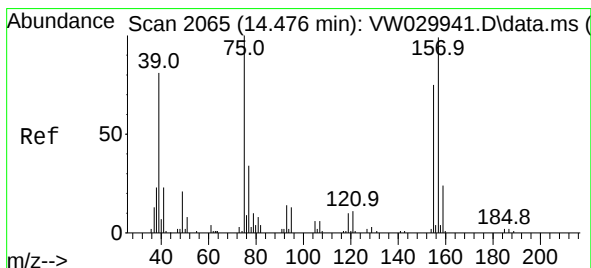
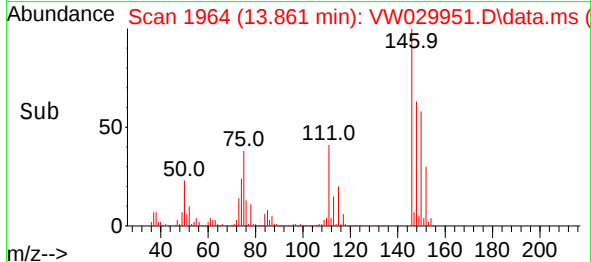
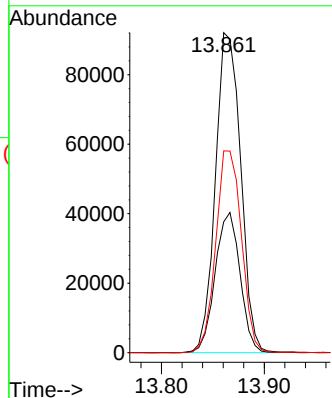
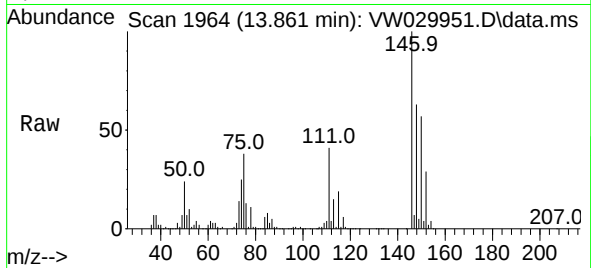
Tgt Ion:146 Resp: 157460

Ion Ratio Lower Upper

146 100

111 40.9 35.8 53.8

148 63.0 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.770 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

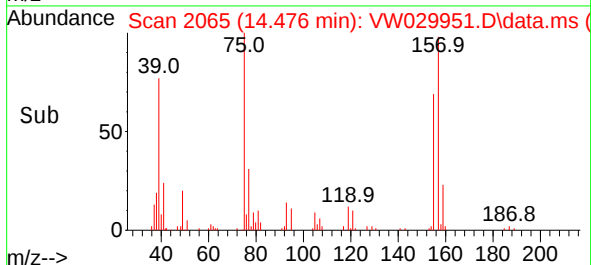
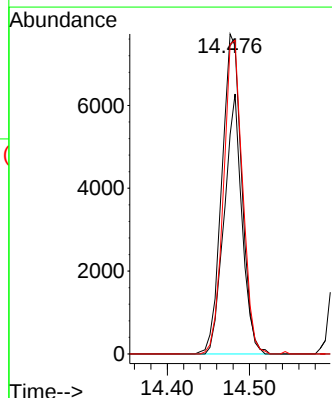
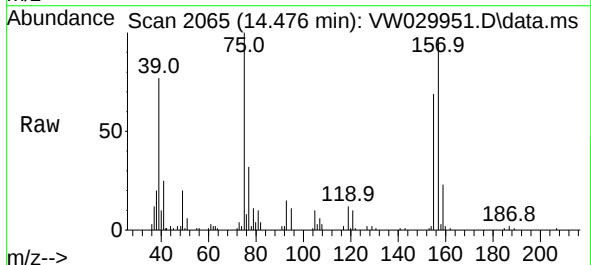
Tgt Ion: 75 Resp: 12967

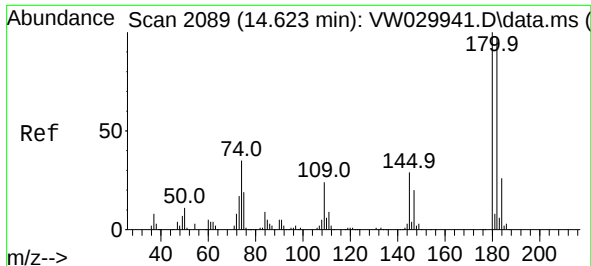
Ion Ratio Lower Upper

75 100

155 68.5 47.8 71.6

157 96.8 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 24.962 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

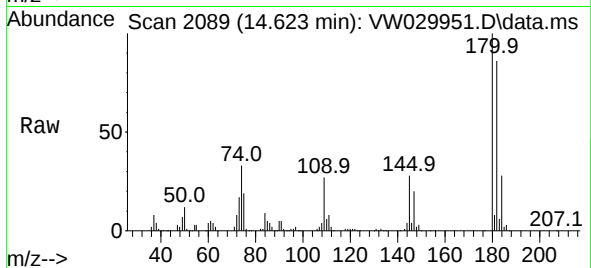
Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 111386

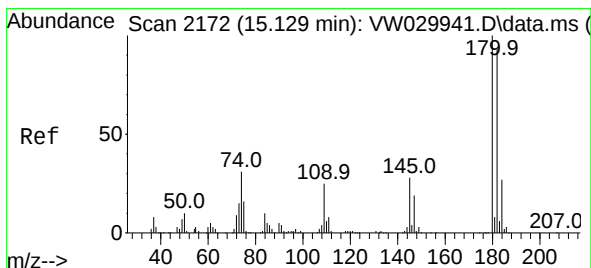
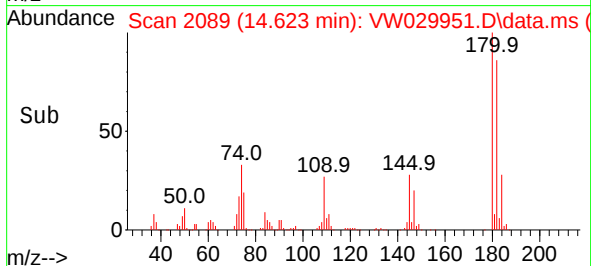
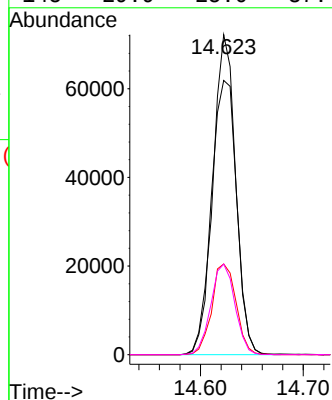
Ion Ratio Lower Upper

180 100

182 94.2 72.7 109.1

184 30.2 23.3 34.9

145 29.9 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.406 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029951.D

Acq: 19 Aug 2024 15:45

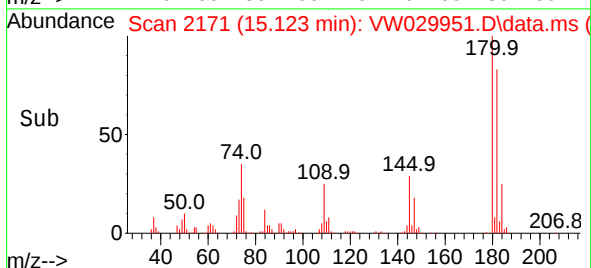
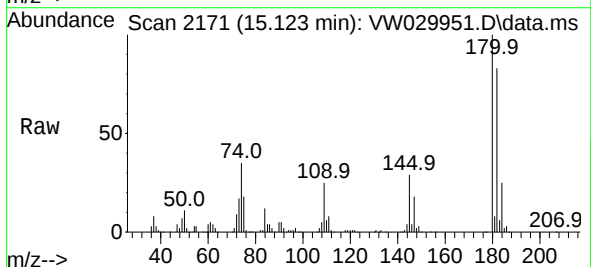
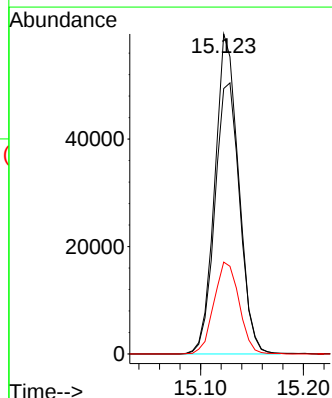
Tgt Ion:180 Resp: 95506

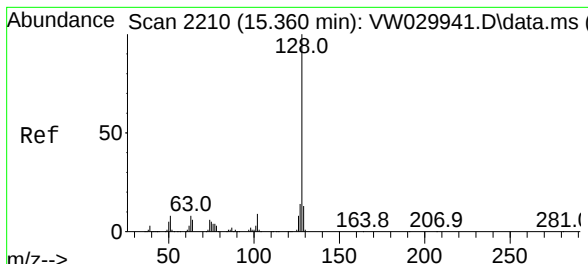
Ion Ratio Lower Upper

180 100

182 89.5 80.2 120.4

145 30.4 26.3 39.5

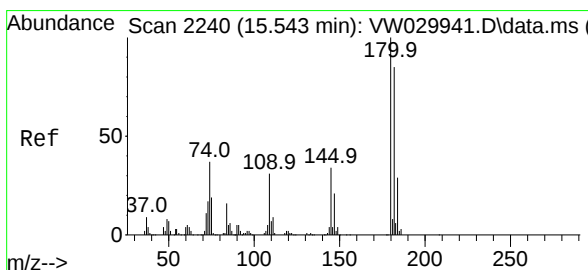
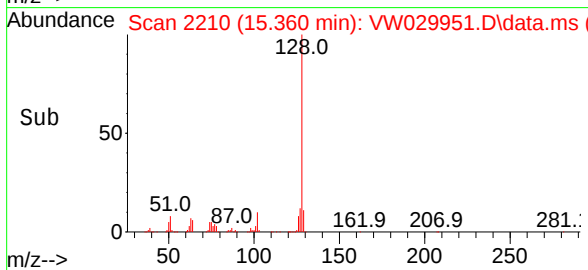
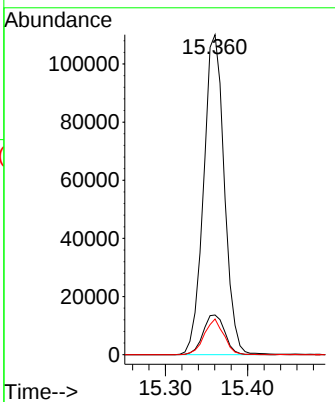
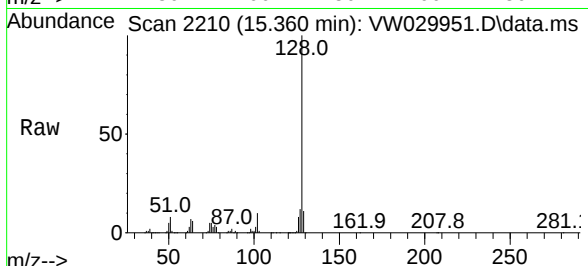




#71
Naphthalene
Concen: 26.837 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	192502
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.7	16.1
129	10.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.029 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029951.D
Acq: 19 Aug 2024 15:45

Tgt Ion:	180	Resp:	85161
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.0	111.0
145	35.3	27.5	41.3

