

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW029997.D
 Acq On : 23 Aug 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 04:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	239371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	59105	17.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.560%
7) Chloroethane-d5	2.905	69	52261	21.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	4.021	65	28166	18.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.640%
21) 2-Butanone-d5	7.087	46	31531	33.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.700%
24) Chloroform-d	7.648	84	159563	25.751	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	8.307	65	80950	22.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.276	84	280330	22.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.276	67	85738	21.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.325	98	254312	23.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.581	79	34158	21.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.922	63	25063	38.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71842	24.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	82367	23.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69831	21.642	ug/L	99
3) Chloromethane	2.222	50	73850	18.497	ug/L	98
5) Vinyl chloride	2.375	62	100602	22.487	ug/L	98
6) Bromomethane	2.795	94	64493	26.253	ug/L	99
8) Chloroethane	2.936	64	64271	25.254	ug/L	97
9) Trichlorofluoromethane	3.271	101	110546	30.936	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	98413	27.652	ug/L	95
12) 1,1-Dichloroethene	4.051	96	84610	25.874	ug/L	74
13) Acetone	4.143	43	47948	41.423	ug/L	90
14) Carbon disulfide	4.393	76	219250	20.147	ug/L	99
15) Methyl Acetate	4.679	43	34711	18.004	ug/L #	88
16) Methylene chloride	4.923	84	106210	21.224	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	91225	25.887	ug/L	88
18) Methyl tert-butyl Ether	5.435	73	139375	23.998	ug/L	97
19) 1,1-Dichloroethane	6.222	63	184497	24.824	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	102709	26.870	ug/L	90
22) 2-Butanone	7.179	43	52605	35.469	ug/L	86
23) Bromochloromethane	7.514	128	47280	29.135	ug/L #	80
25) Chloroform	7.679	83	202720	28.950	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

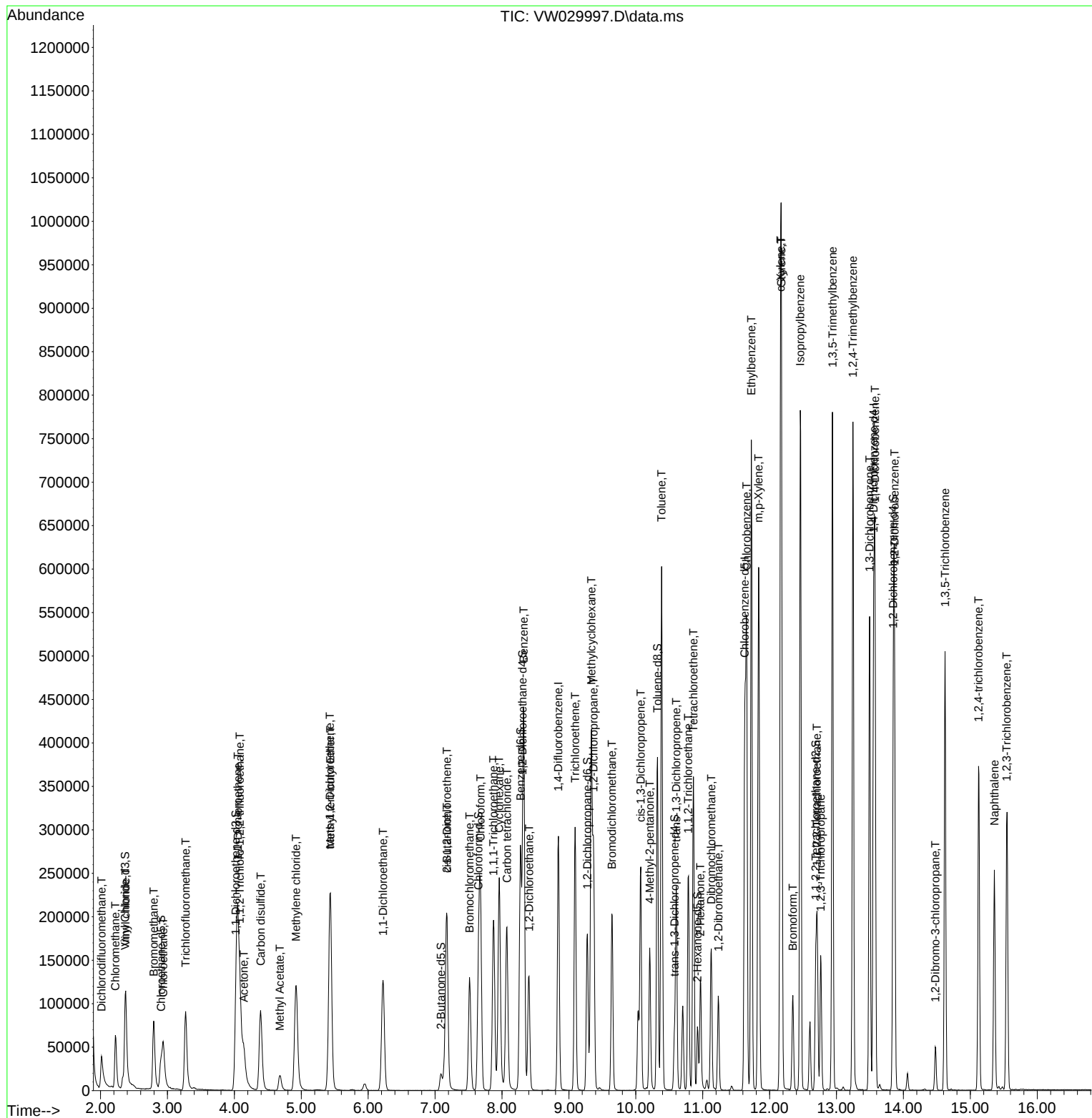
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	126442	24.777	ug/L	98
29) Cyclohexane	7.959	56	129785	19.917	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	164023	28.248	ug/L	94
31) Carbon tetrachloride	8.075	117	147118	28.118	ug/L	99
33) Benzene	8.325	78	406450	25.871	ug/L	100
34) Trichloroethene	9.093	95	108495	26.343	ug/L	96
35) Methylcyclohexane	9.337	83	159406	23.228	ug/L	95
37) 1,2-Dichloropropane	9.367	63	103396	24.016	ug/L	98
38) Bromodichloromethane	9.642	83	141827	27.663	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	154450	24.633	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	101535	37.128	ug/L #	90
42) Toluene	10.386	91	436947	27.247	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	131770	25.315	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79480	27.479	ug/L	98
46) Tetrachloroethene	10.861	164	79148	26.440	ug/L	92
48) 2-Hexanone	10.965	43	78242	38.201	ug/L #	93
49) Dibromochloromethane	11.129	129	86346	28.757	ug/L	99
50) 1,2-Dibromoethane	11.233	107	71391	26.676	ug/L	99
51) Chlorobenzene	11.654	112	273548	27.423	ug/L	97
52) Ethylbenzene	11.727	91	498823	27.575	ug/L	97
53) m,p-Xylene	11.837	106	187779	28.226	ug/L	92
54) o-Xylene	12.166	106	175625	28.667	ug/L	100
55) Styrene	12.178	104	310606	29.249	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90382	25.460	ug/L	99
59) Bromoform	12.349	173	49685	28.996	ug/L	96
60) Isopropylbenzene	12.458	105	494611	28.069	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65330	23.588	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	408127	31.160	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	400714	28.607	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	223873	29.777	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	218689	28.318	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	192898	28.182	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13629	21.673	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	151511	29.455	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	120315	27.763	ug/L	93
71) Naphthalene	15.360	128	204167	24.691	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	107491	27.405	ug/L	94

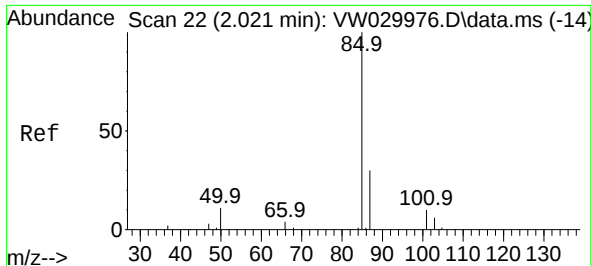
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Data File : VW029997.D
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Fri Aug 23 01:48:12 2024
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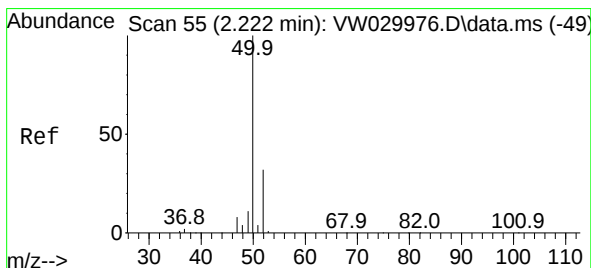
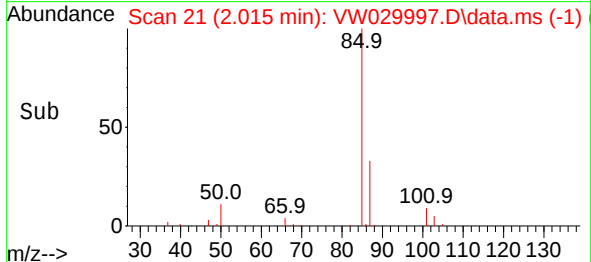
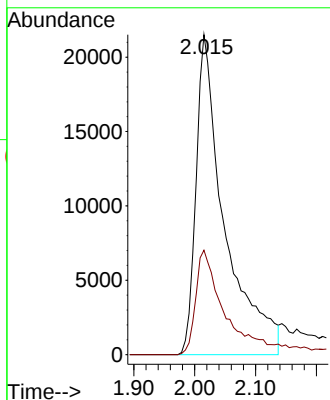
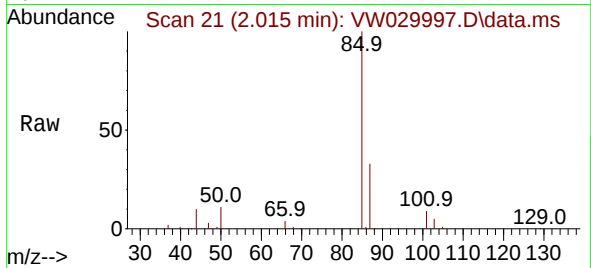




#2
 Dichlorodifluoromethane
 Concen: 21.642 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029997.D
 Acq: 23 Aug 2024 09:05

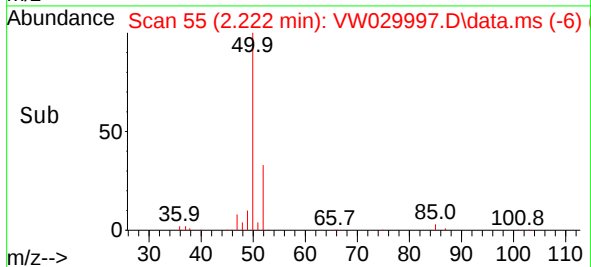
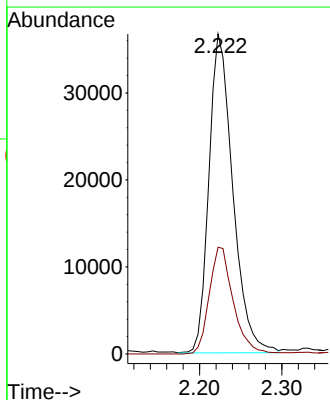
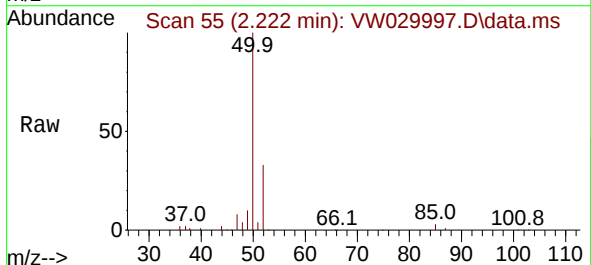
Instrument :
 MSVOA_W
 ClientSampleId :

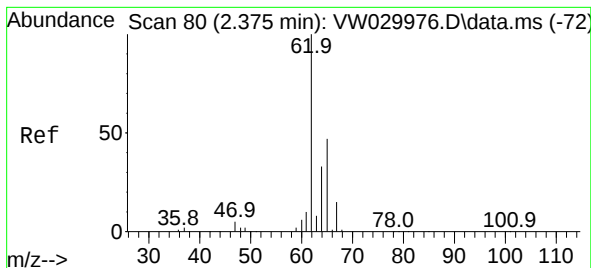
Tgt Ion: 85 Resp: 69831
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.5 38.3



#3
 Chloromethane
 Concen: 18.497 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029997.D
 Acq: 23 Aug 2024 09:05

Tgt Ion: 50 Resp: 73850
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.9





#5

Vinyl chloride

Concen: 22.487 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

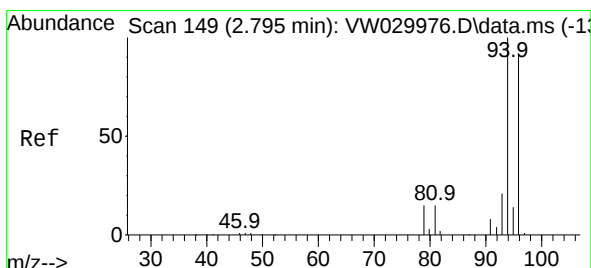
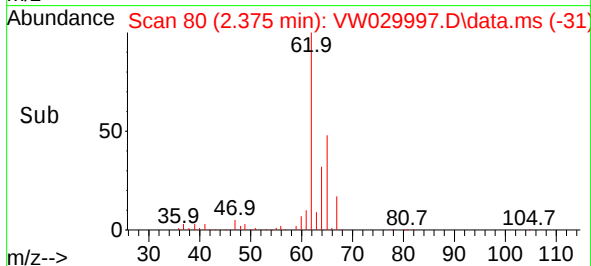
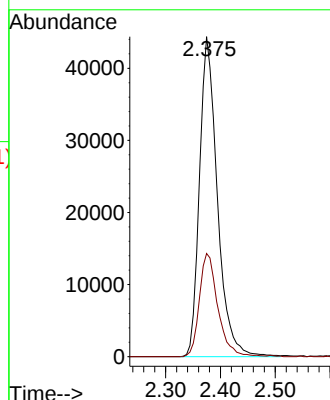
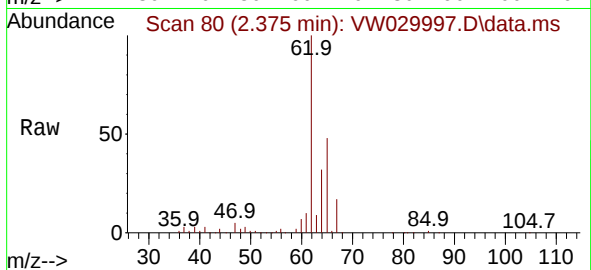
ClientSampleId :

Tgt Ion: 62 Resp: 100602

Ion Ratio Lower Upper

62 100

64 32.3 23.2 43.2



#6

Bromomethane

Concen: 26.253 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW029997.D

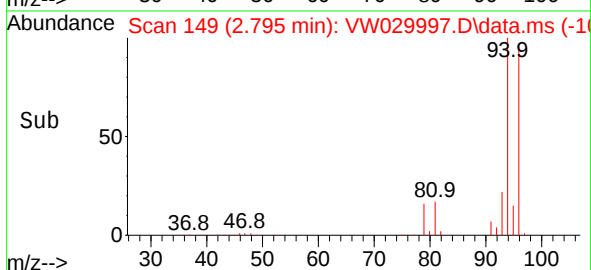
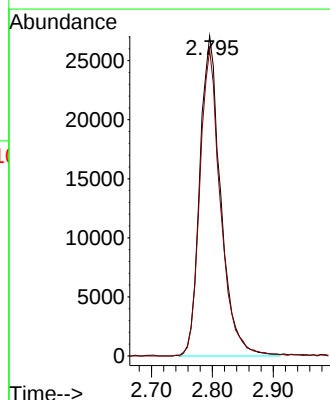
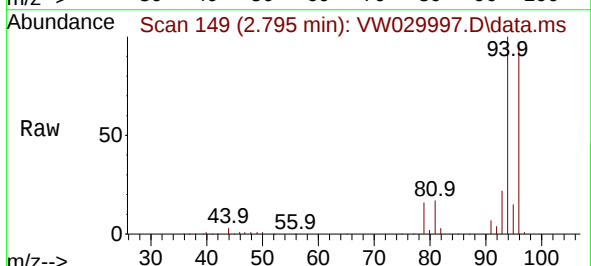
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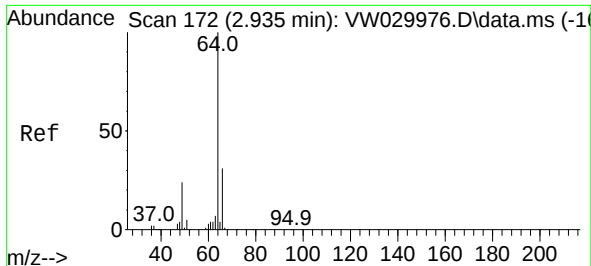
Tgt Ion: 94 Resp: 64493

Ion Ratio Lower Upper

94 100

96 95.7 66.2 123.0

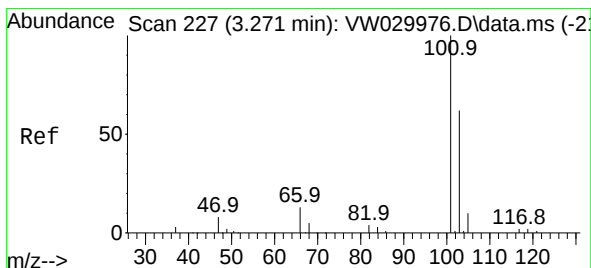
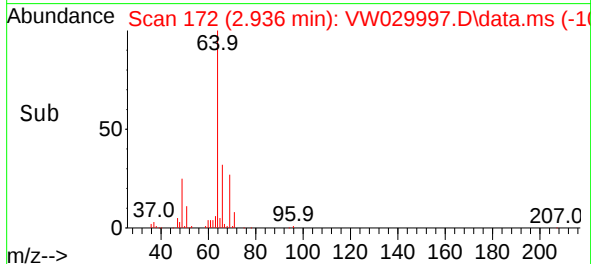
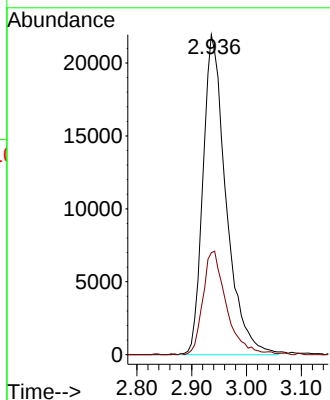
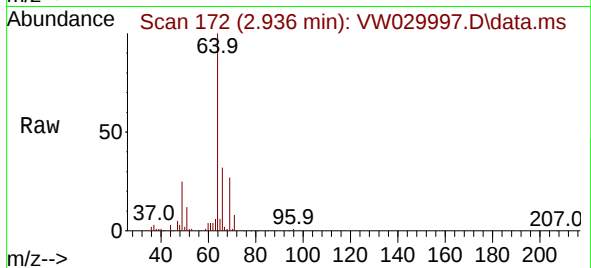




#8
Chloroethane
Concen: 25.254 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

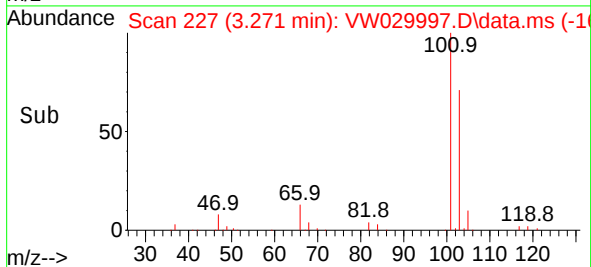
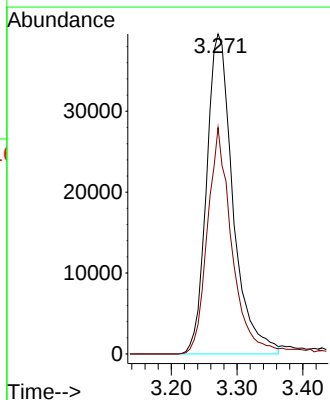
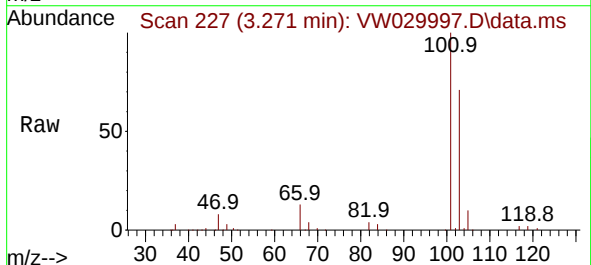
Instrument :
MSVOA_W
ClientSampleId :

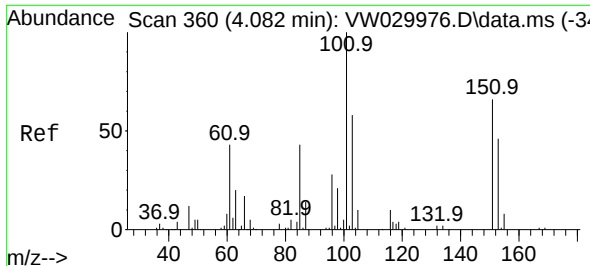
Tgt Ion: 64 Resp: 64271
Ion Ratio Lower Upper
64 100
66 31.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 30.936 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:101 Resp: 110546
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





#10

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

Concen: 27.652 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

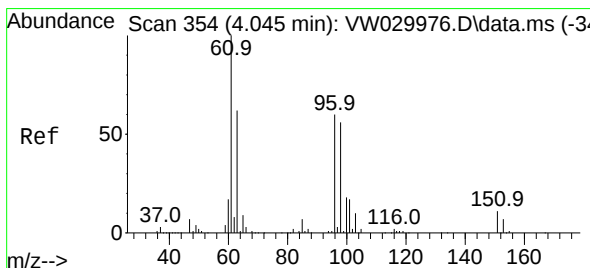
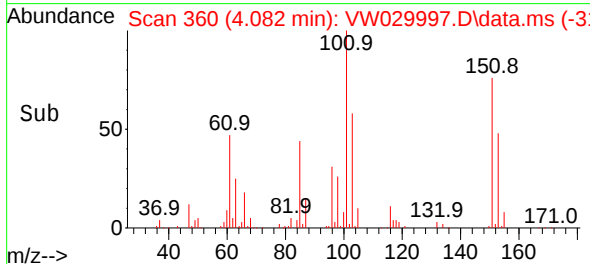
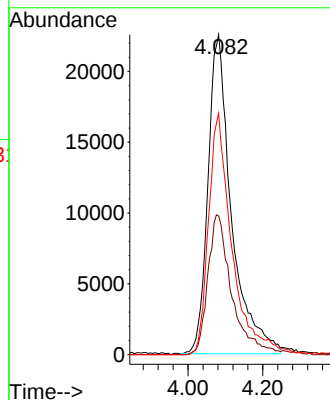
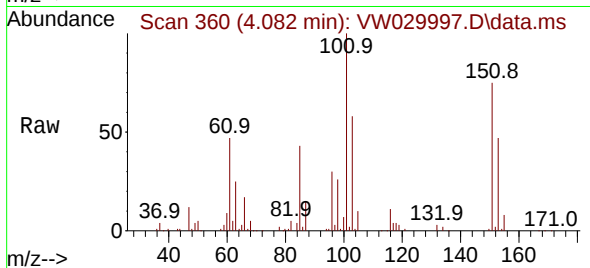
Tgt Ion:101 Resp: 98413

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.4

151 73.0 54.2 81.2



#12

1,1-Dichloroethene

Concen: 25.874 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

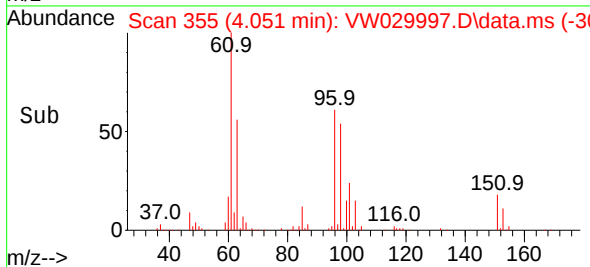
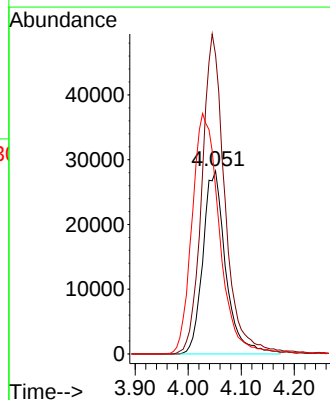
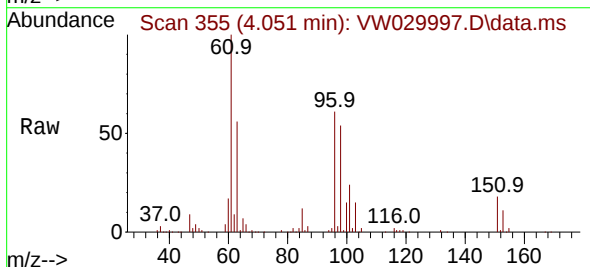
Tgt Ion: 96 Resp: 84610

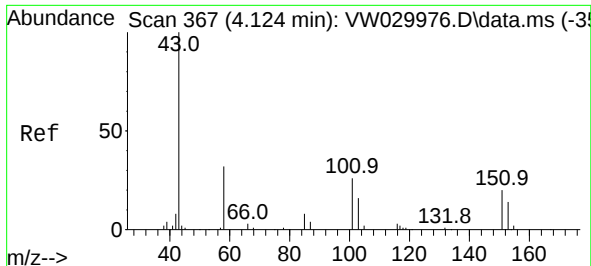
Ion Ratio Lower Upper

96 100

61 163.4 138.3 256.9

63 90.8 89.0 165.4

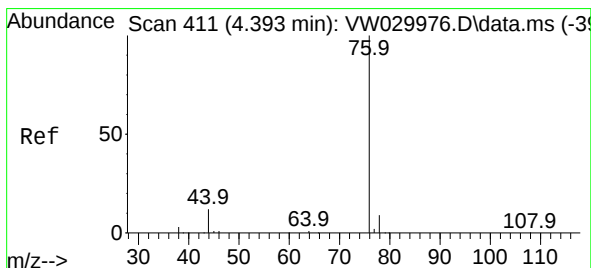
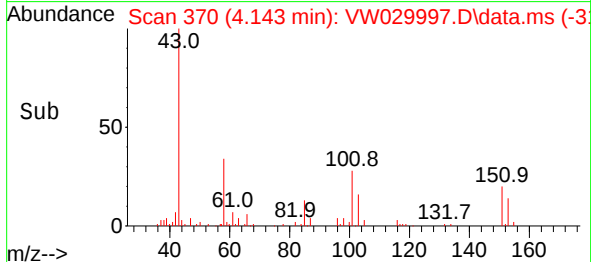
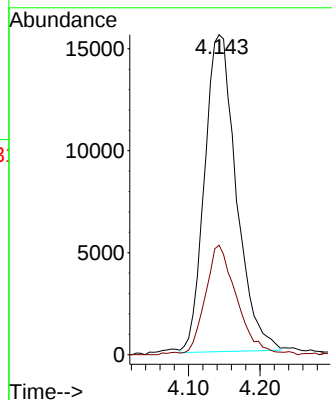
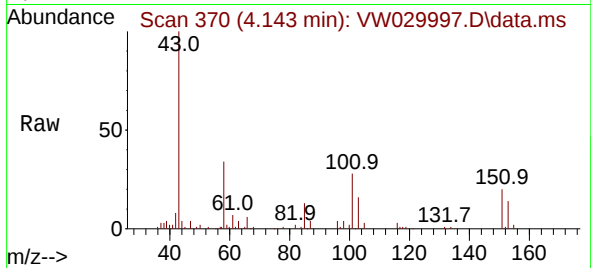




#13
Acetone
Concen: 41.423 ug/L
RT: 4.143 min Scan# 370
Delta R.T. 0.019 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

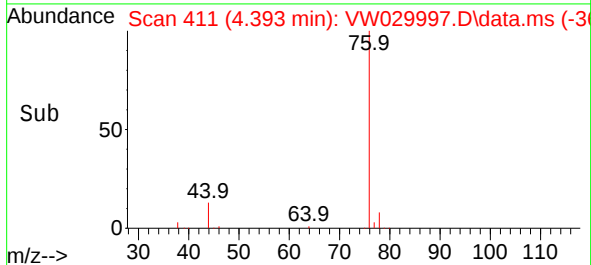
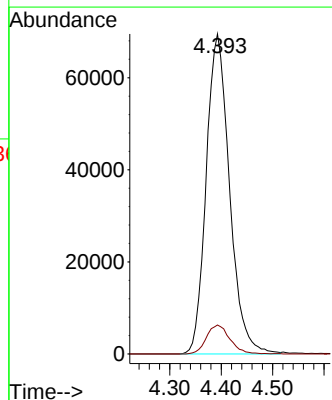
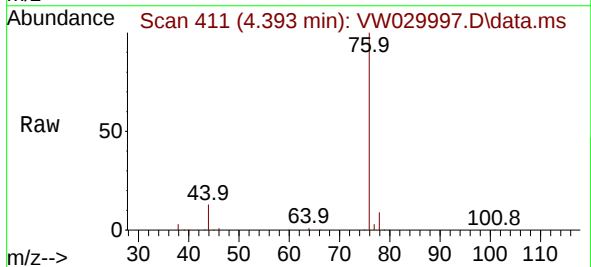
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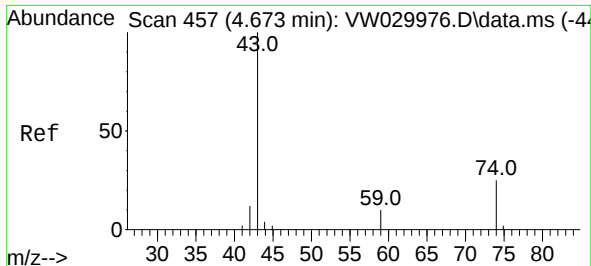
Tgt Ion: 43 Resp: 47948
Ion Ratio Lower Upper
43 100
58 34.0 0.0 57.6



#14
Carbon disulfide
Concen: 20.147 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion: 76 Resp: 219250
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4





#15

Methyl Acetate

Concen: 18.004 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

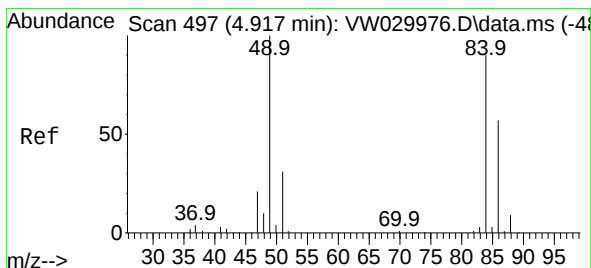
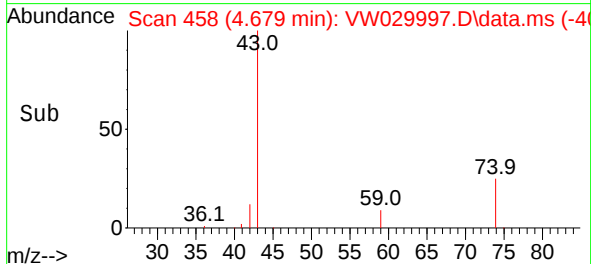
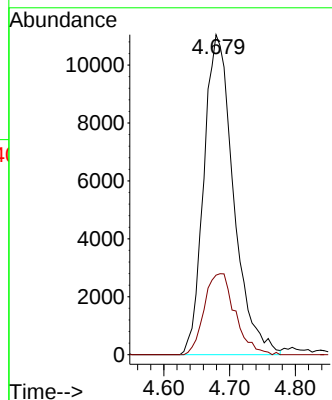
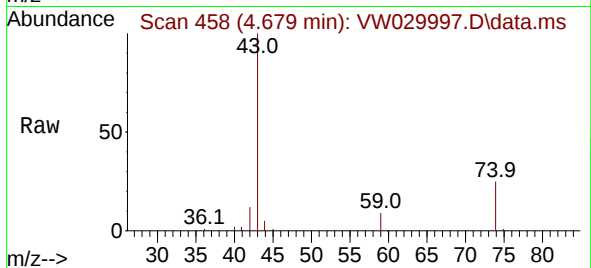
ClientSampleId :

Tgt Ion: 43 Resp: 34711

Ion Ratio Lower Upper

43 100

74 26.2 16.5 24.7#



#16

Methylene chloride

Concen: 21.224 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

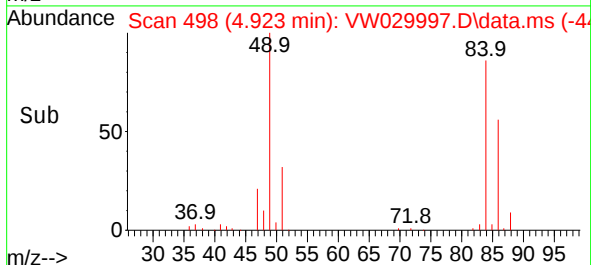
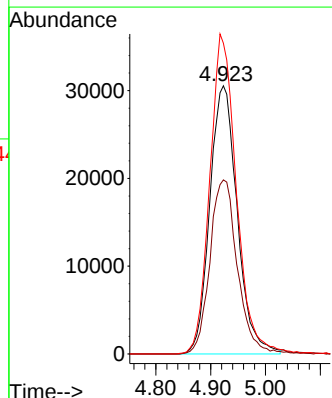
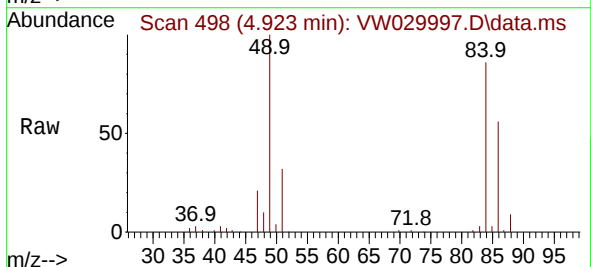
Tgt Ion: 84 Resp: 106210

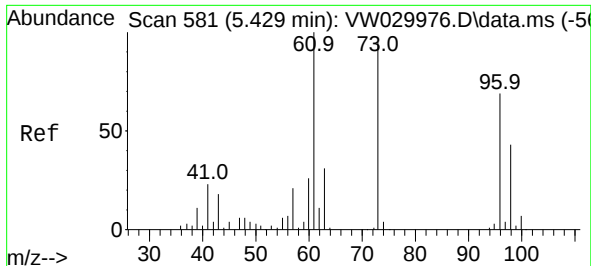
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

49 115.9 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.887 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

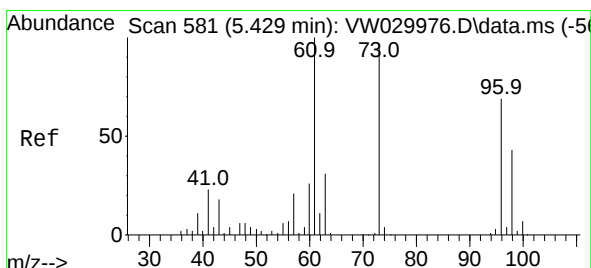
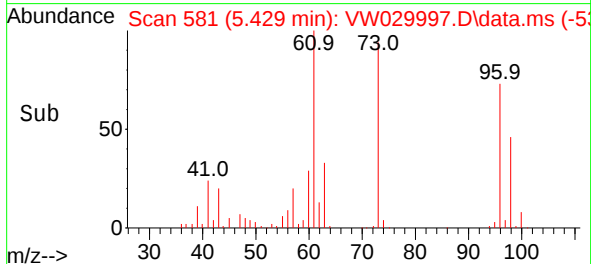
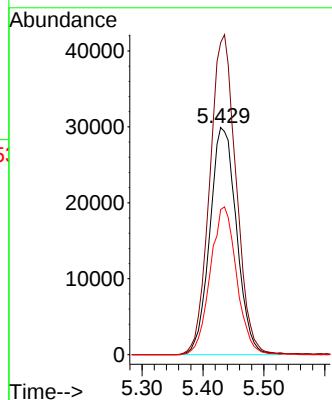
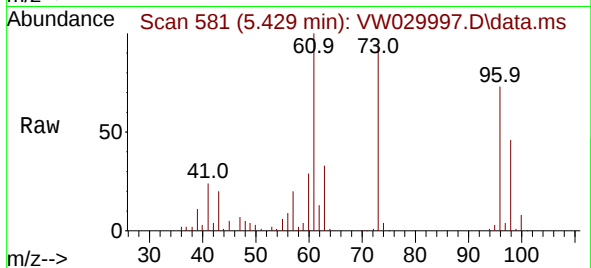
Tgt Ion: 96 Resp: 91225

Ion Ratio Lower Upper

96 100

61 137.4 111.2 206.6

98 63.9 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 23.998 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

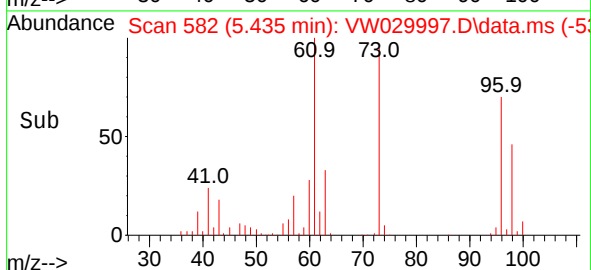
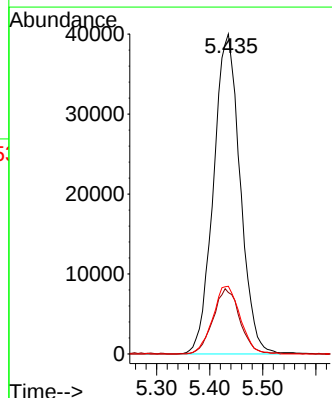
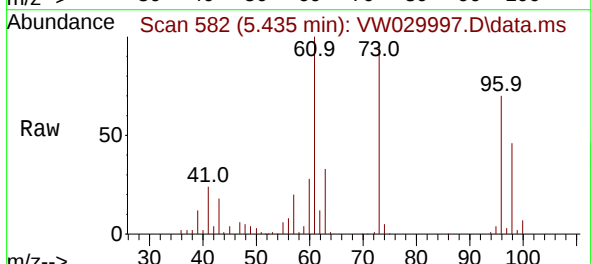
Tgt Ion: 73 Resp: 139375

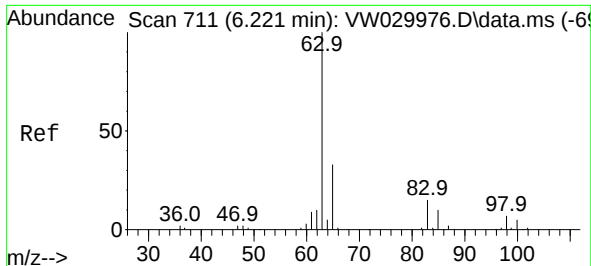
Ion Ratio Lower Upper

73 100

43 20.5 18.3 27.5

57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.824 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

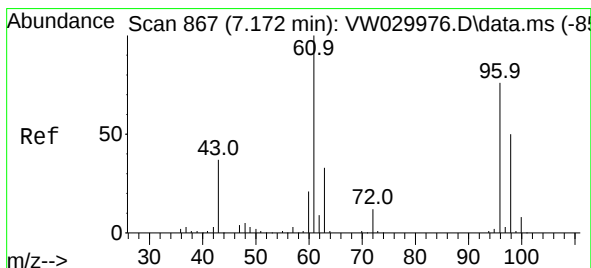
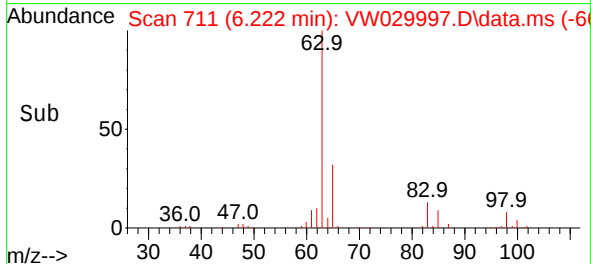
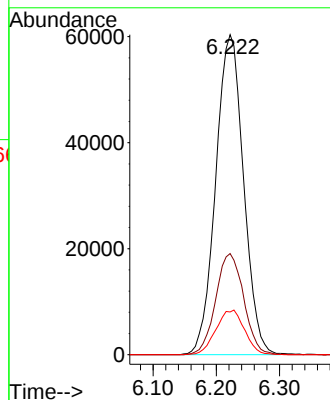
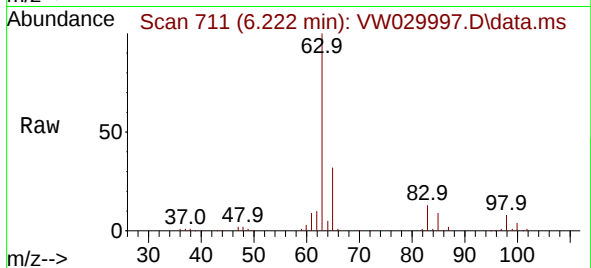
Tgt Ion: 63 Resp: 184497

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.4 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.870 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

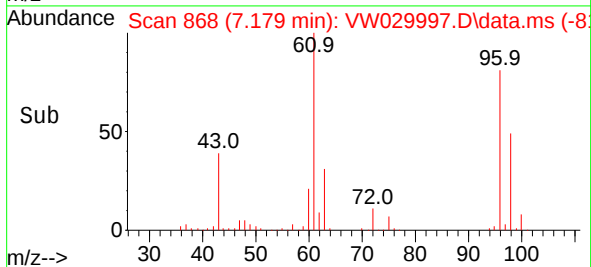
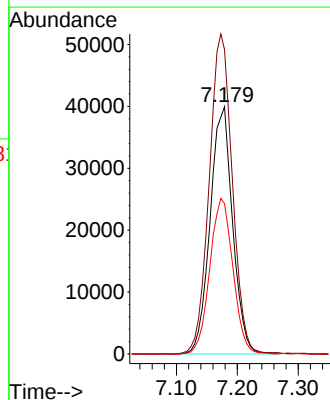
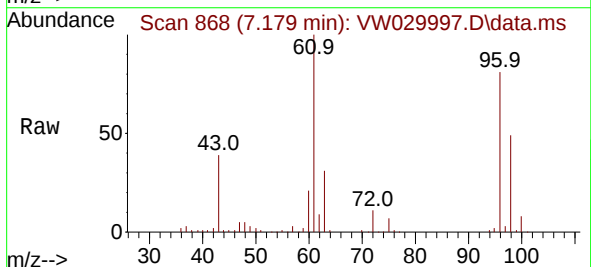
Tgt Ion: 96 Resp: 102709

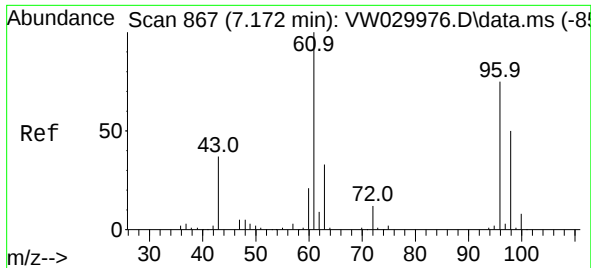
Ion Ratio Lower Upper

96 100

61 123.2 98.2 182.4

98 60.8 41.9 77.9

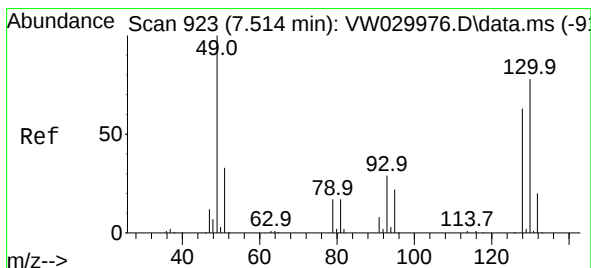
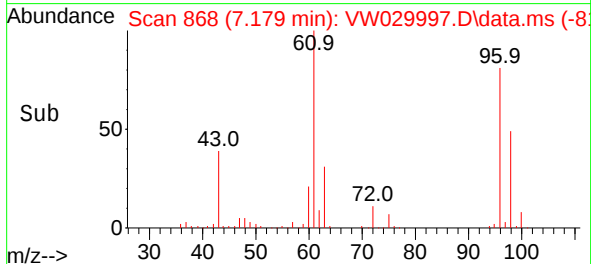
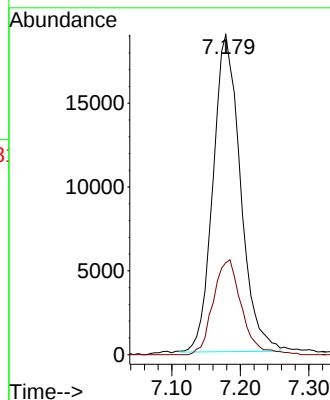
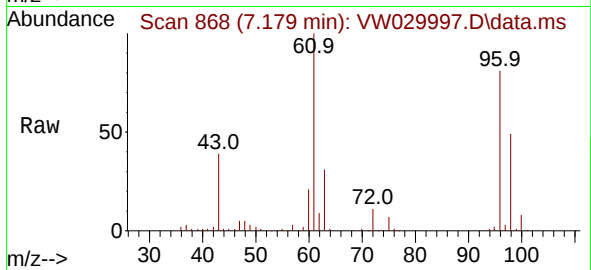




#22
2-Butanone
Concen: 35.469 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

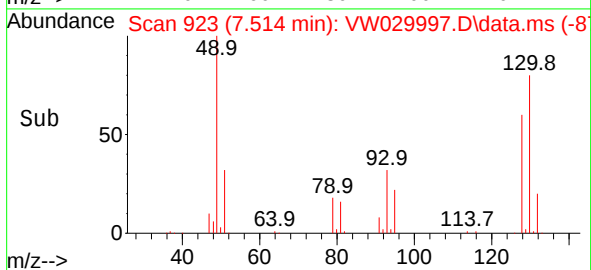
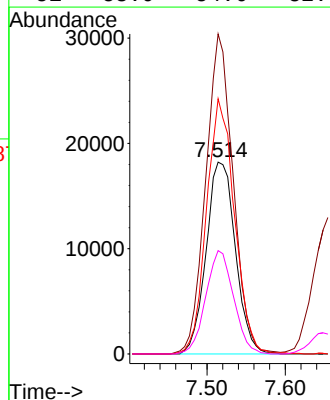
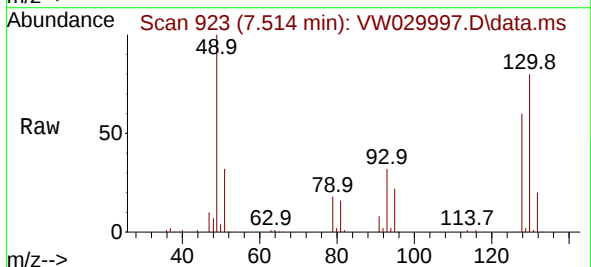
Instrument :
MSVOA_W
ClientSampleId :

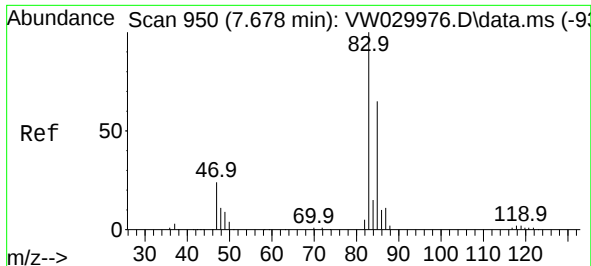
Tgt Ion: 43 Resp: 52605
Ion Ratio Lower Upper
43 100
72 30.3 11.7 35.1



#23
Bromochloromethane
Concen: 29.135 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:128 Resp: 47280
Ion Ratio Lower Upper
128 100
49 166.8 151.1 280.7
130 133.0 96.8 179.8
51 53.9 54.6 82.0#





#25

Chloroform

Concen: 28.950 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

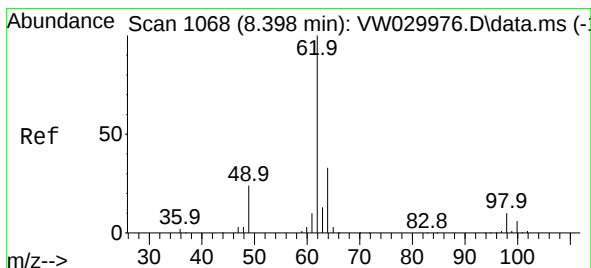
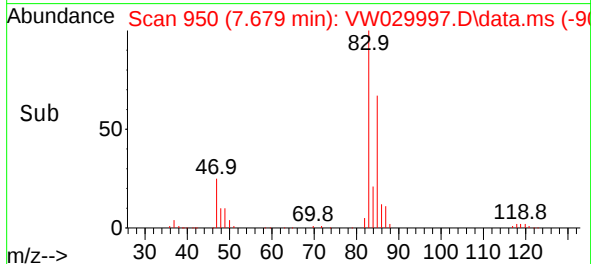
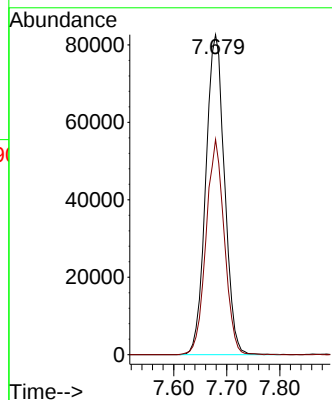
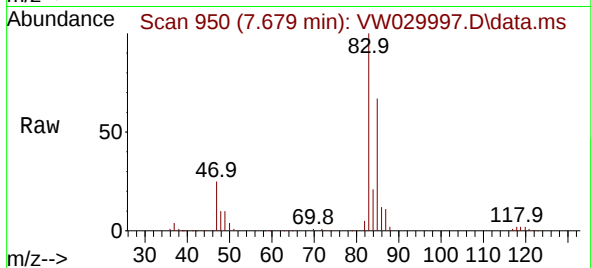
ClientSampleId :

Tgt Ion: 83 Resp: 202720

Ion Ratio Lower Upper

83 100

85 67.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.777 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029997.D

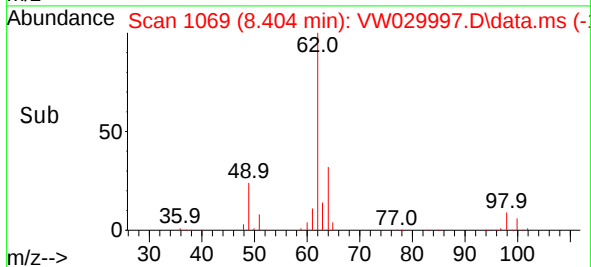
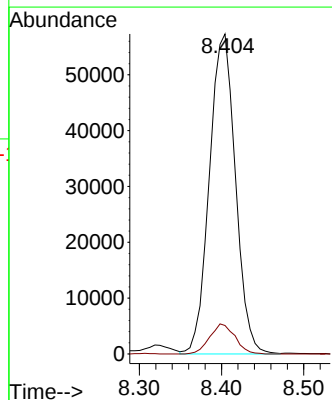
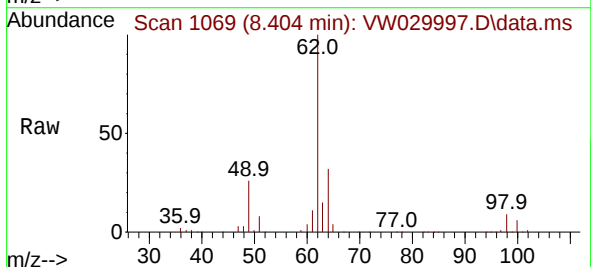
Acq: 23 Aug 2024 09:05

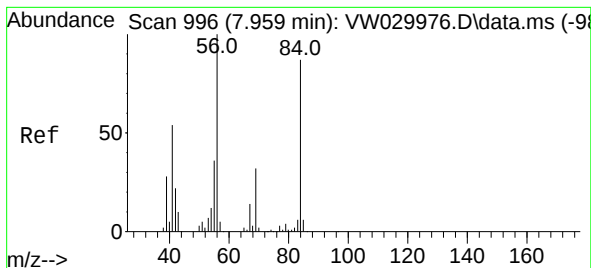
Tgt Ion: 62 Resp: 126442

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 19.917 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

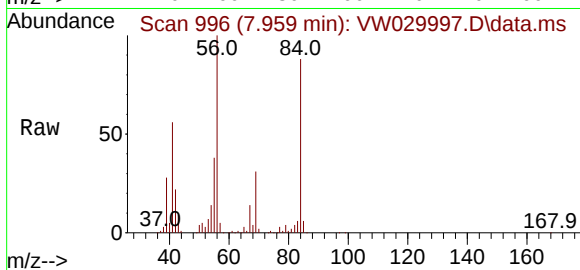
Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :



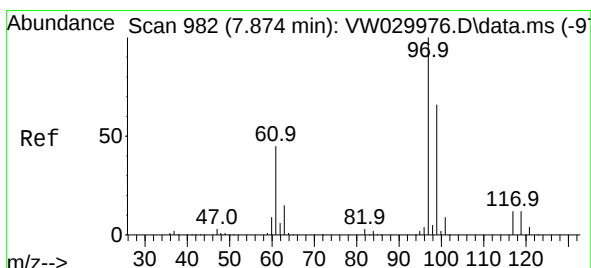
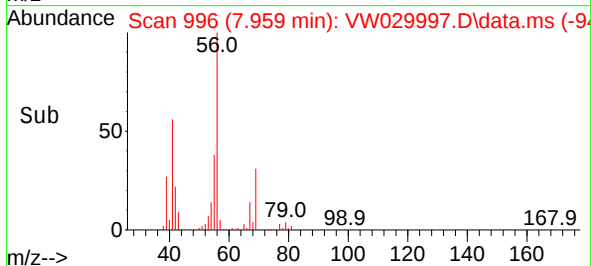
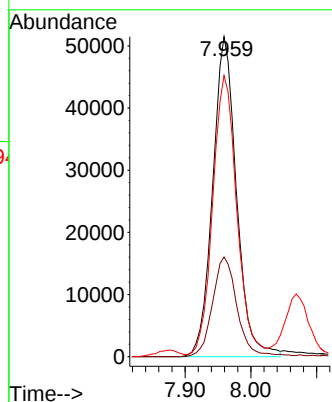
Tgt Ion: 56 Resp: 129785

Ion Ratio Lower Upper

56 100

69 31.4 23.0 34.4

84 89.1 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 28.248 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

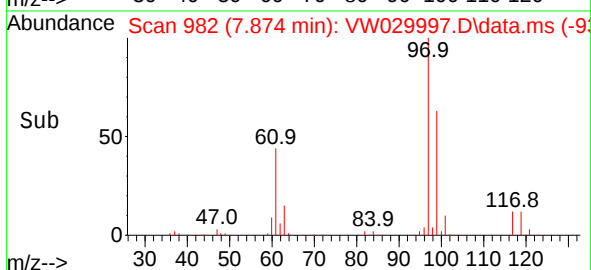
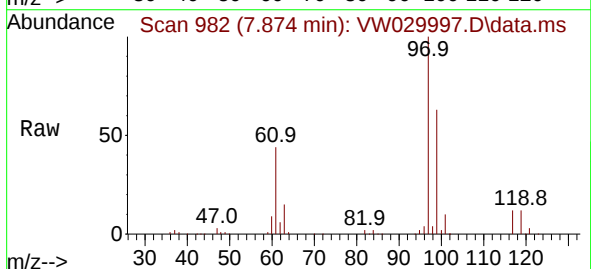
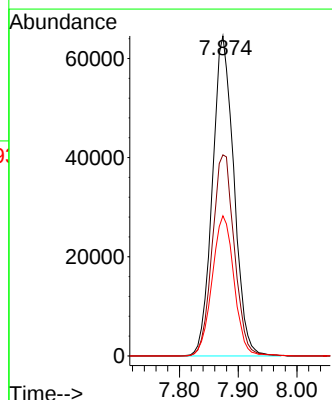
Tgt Ion: 97 Resp: 164023

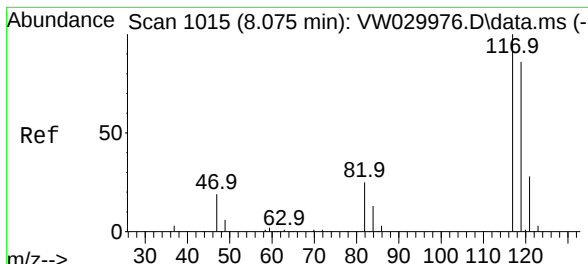
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 44.6 42.6 63.8

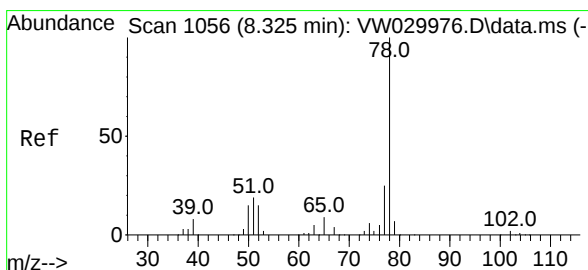
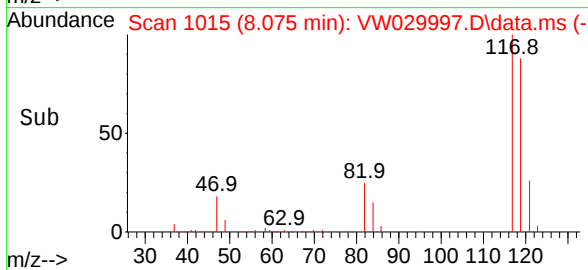
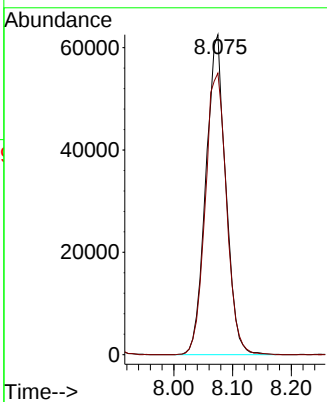
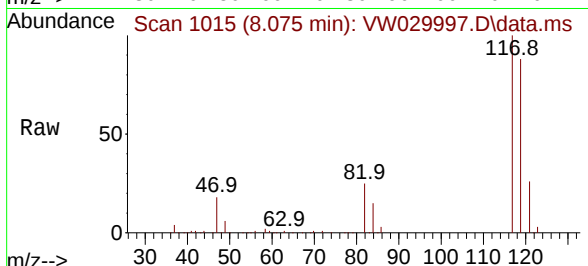




#31
 Carbon tetrachloride
 Concen: 28.118 ug/L
 RT: 8.075 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VW029997.D
 Acq: 23 Aug 2024 09:05

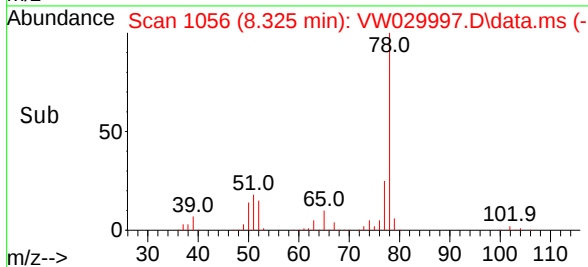
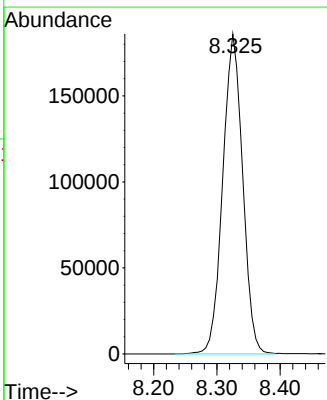
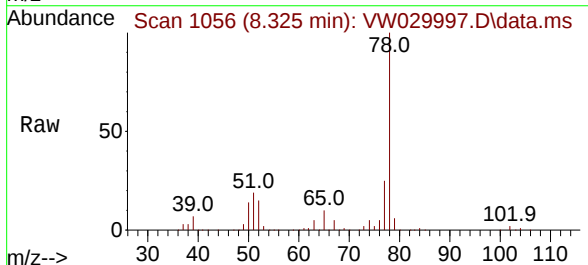
Instrument :
 MSVOA_W
 ClientSampleId :

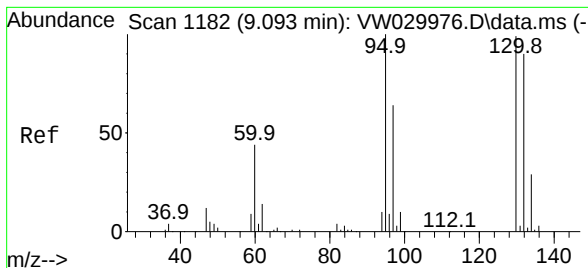
Tgt Ion:117 Resp: 147118
 Ion Ratio Lower Upper
 117 100
 119 94.3 74.8 112.2



#33
 Benzene
 Concen: 25.871 ug/L
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VW029997.D
 Acq: 23 Aug 2024 09:05

Tgt Ion: 78 Resp: 406450





#34

Trichloroethene

Concen: 26.343 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 108495

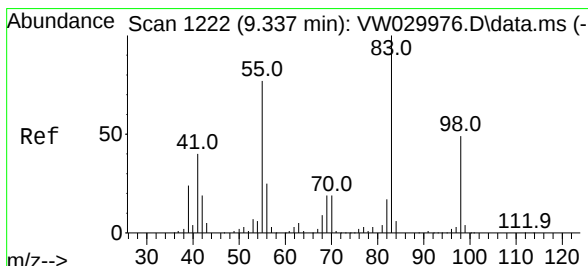
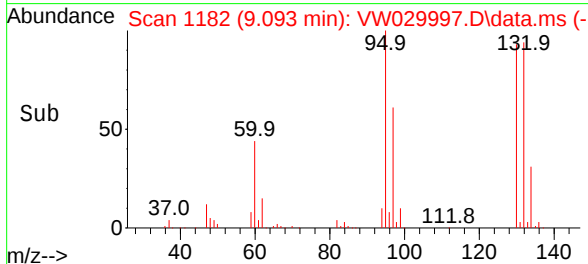
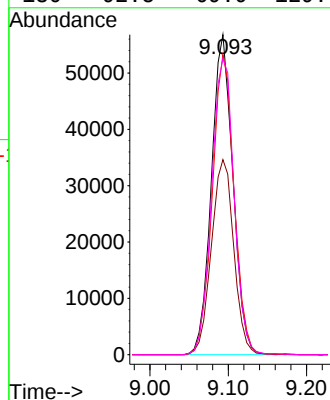
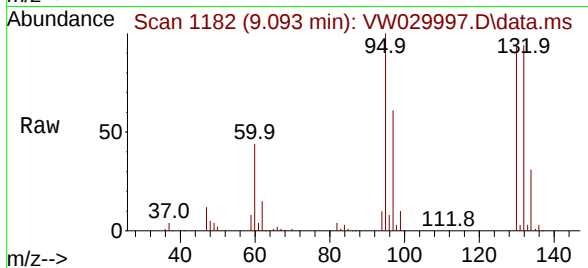
Ion Ratio Lower Upper

95 100

97 61.0 45.6 84.8

132 93.7 65.2 121.0

130 92.5 69.9 129.7



#35

Methylcyclohexane

Concen: 23.228 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

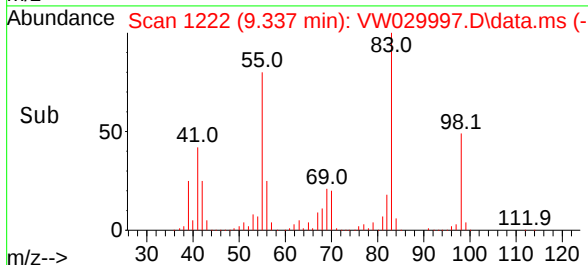
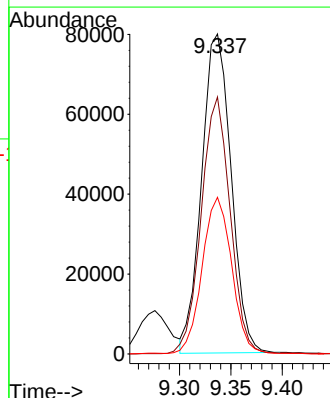
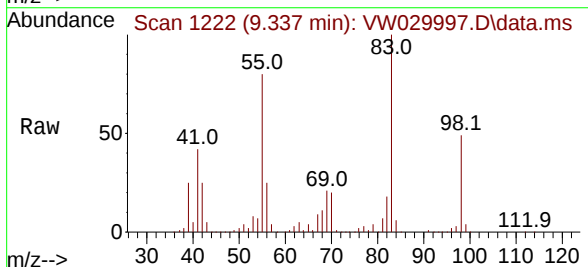
Tgt Ion: 83 Resp: 159406

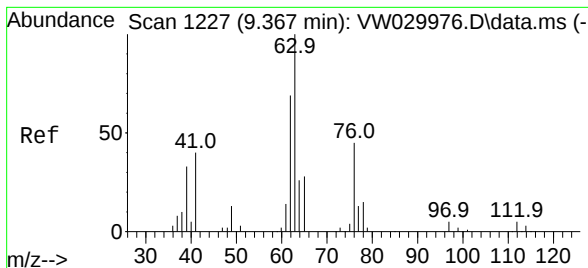
Ion Ratio Lower Upper

83 100

55 78.9 67.4 101.2

98 49.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.016 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

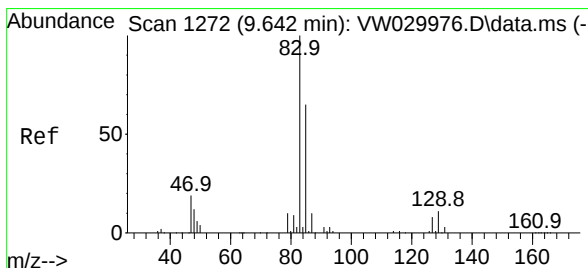
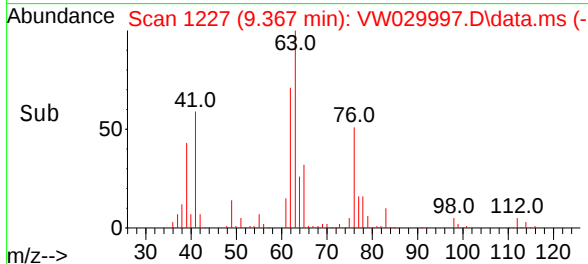
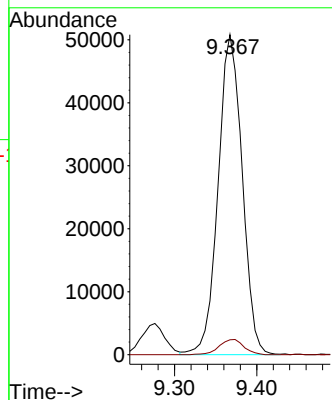
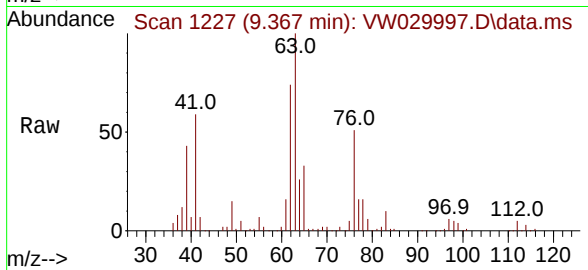
ClientSampleId :

Tgt Ion: 63 Resp: 103396

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9



#38

Bromodichloromethane

Concen: 27.663 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

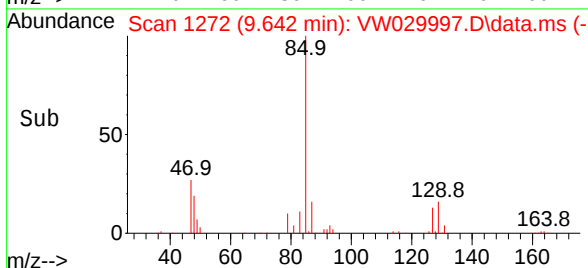
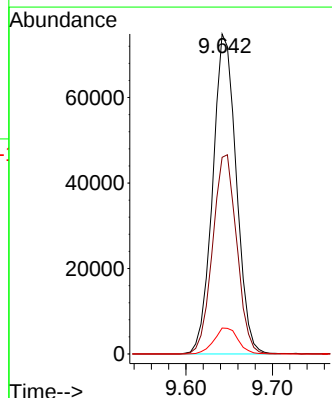
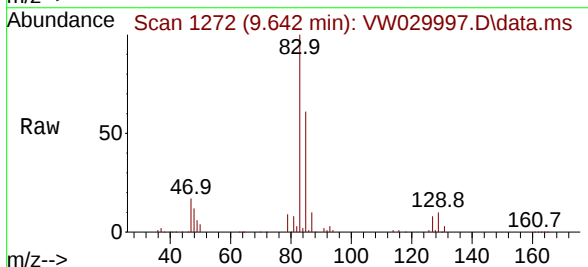
Tgt Ion: 83 Resp: 141827

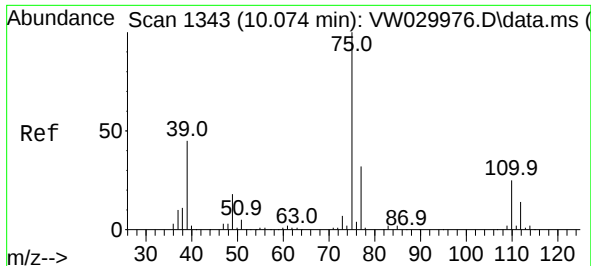
Ion Ratio Lower Upper

83 100

85 61.5 46.6 86.6

127 8.1 5.9 8.9

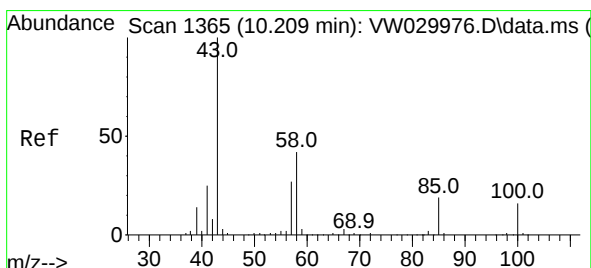
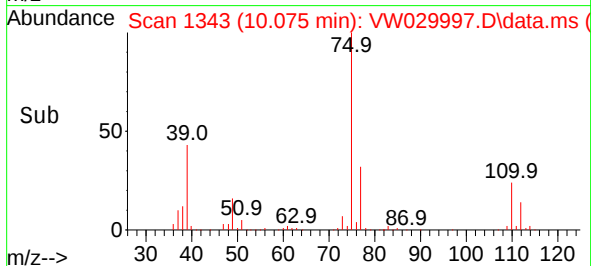
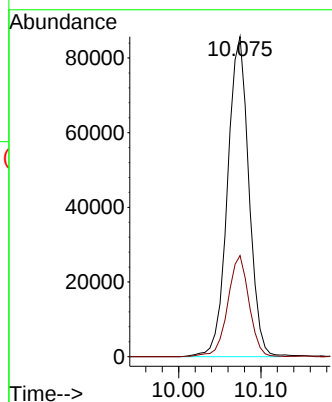
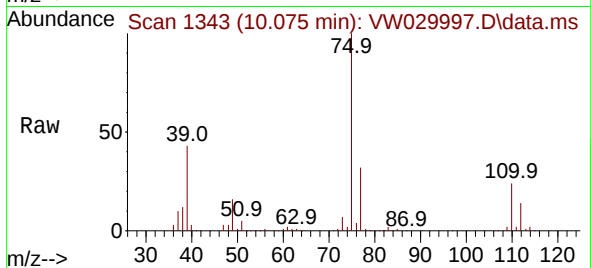




#39
cis-1,3-Dichloropropene
Concen: 24.633 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

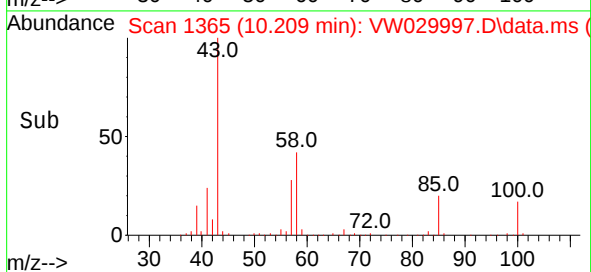
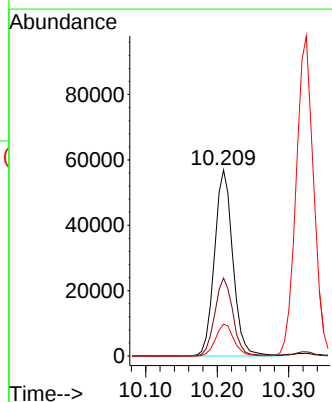
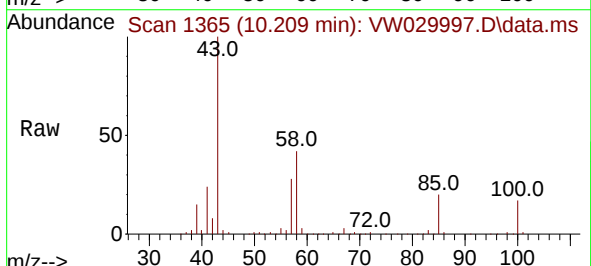
Instrument :
MSVOA_W
ClientSampleId :

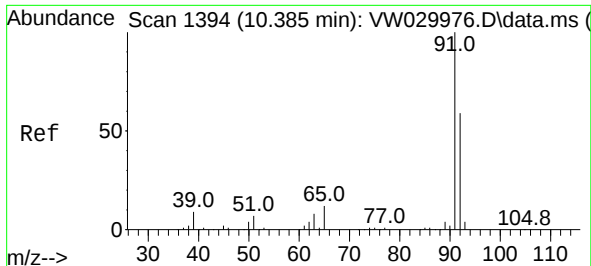
Tgt Ion: 75 Resp: 154450
Ion Ratio Lower Upper
75 100
77 31.6 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 37.128 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion: 43 Resp: 101535
Ion Ratio Lower Upper
43 100
58 41.4 28.7 43.1
100 17.0 10.0 15.0#





#42

Toluene

Concen: 27.247 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

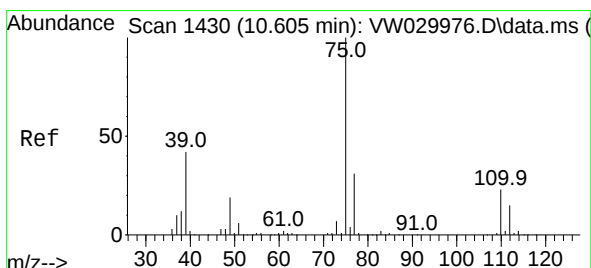
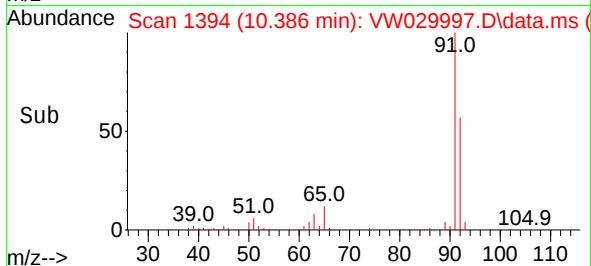
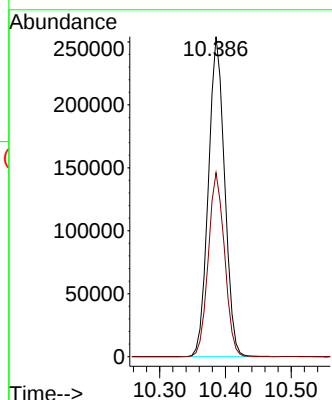
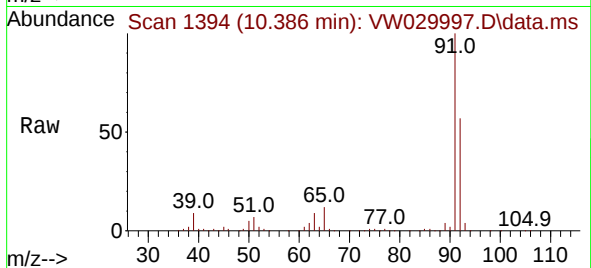
ClientSampleId :

Tgt Ion: 91 Resp: 436947

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.315 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029997.D

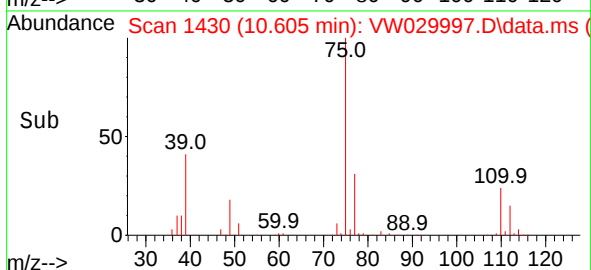
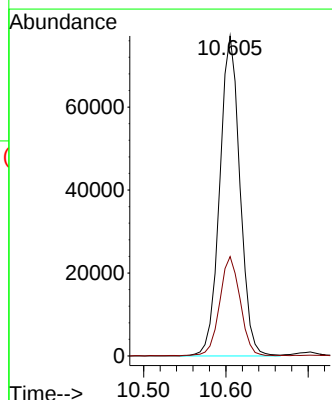
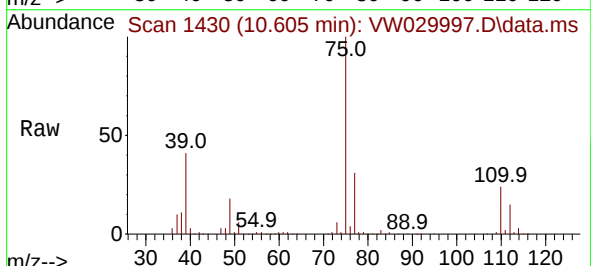
Acq: 23 Aug 2024 09:05

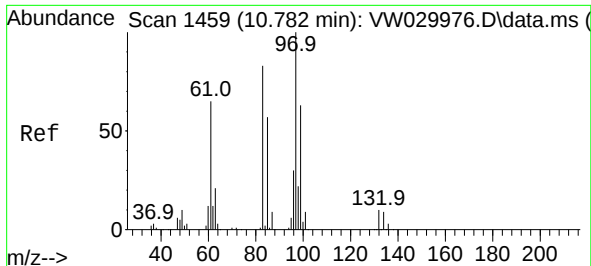
Tgt Ion: 75 Resp: 131770

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.479 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79480

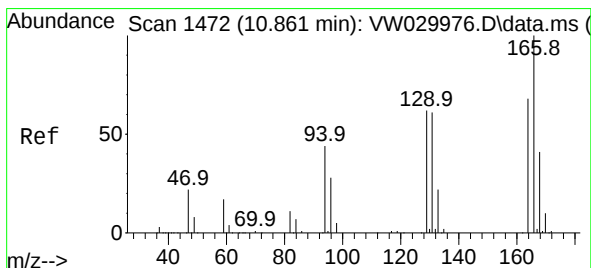
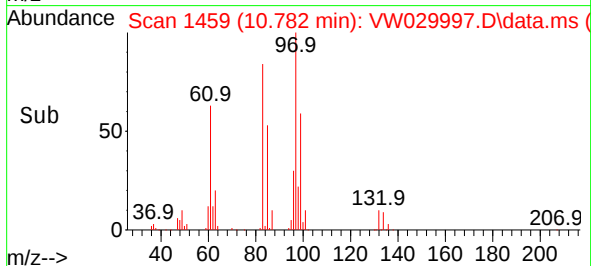
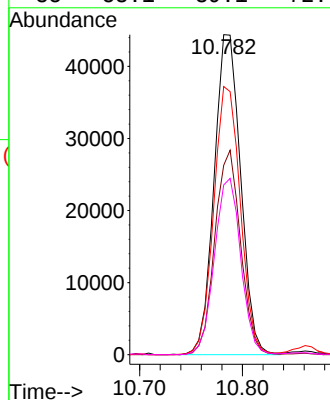
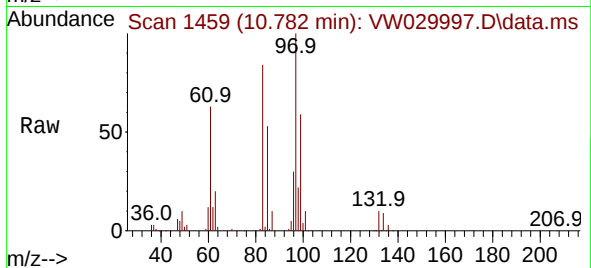
Ion Ratio Lower Upper

97 100

99 59.2 40.1 74.5

83 83.8 58.5 108.7

85 53.1 39.1 72.7



#46

Tetrachloroethene

Concen: 26.440 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Tgt Ion:164 Resp: 79148

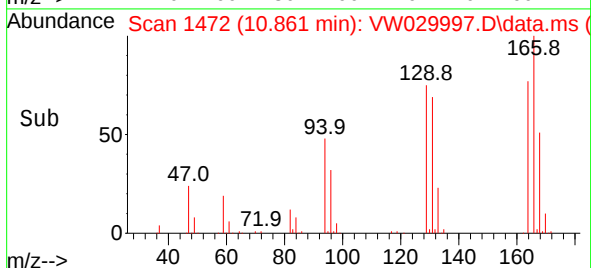
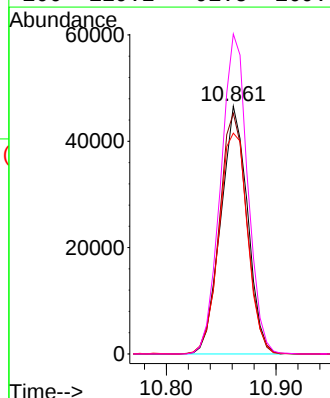
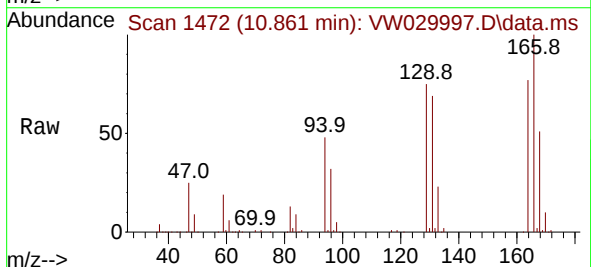
Ion Ratio Lower Upper

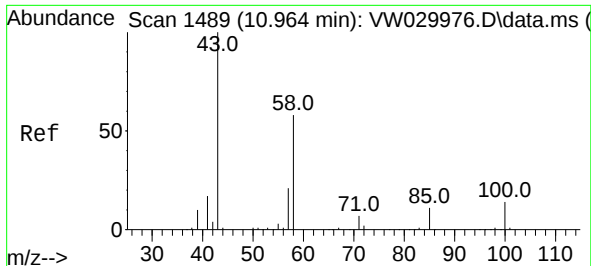
164 100

129 97.1 77.8 144.6

131 89.1 70.9 131.7

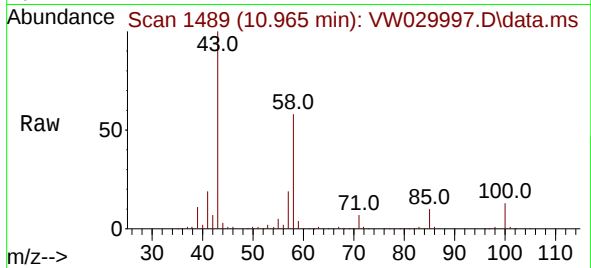
166 129.2 91.5 169.9



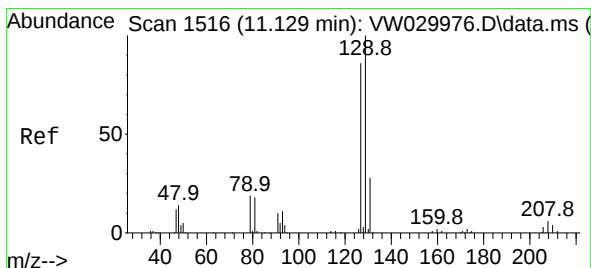
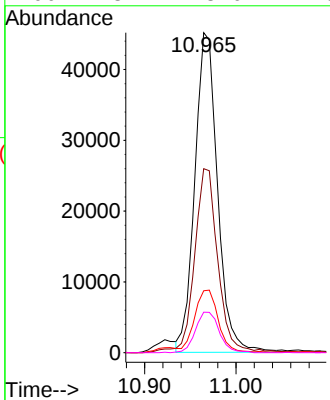
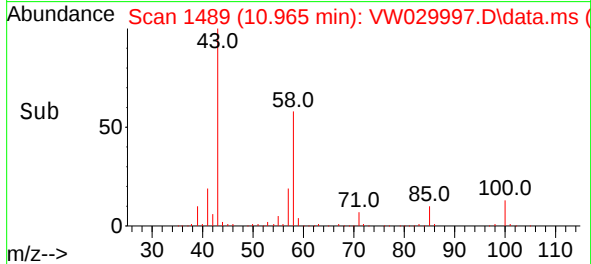


#48
2-Hexanone
Concen: 38.201 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

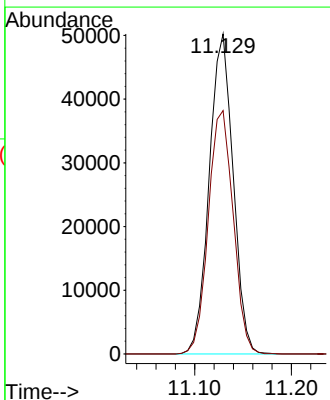
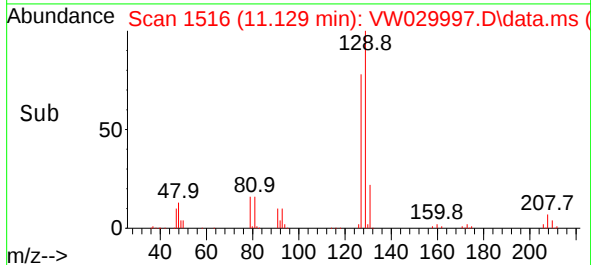
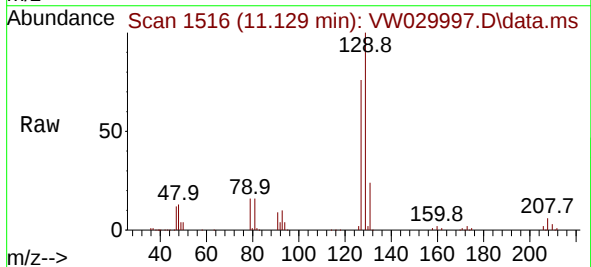


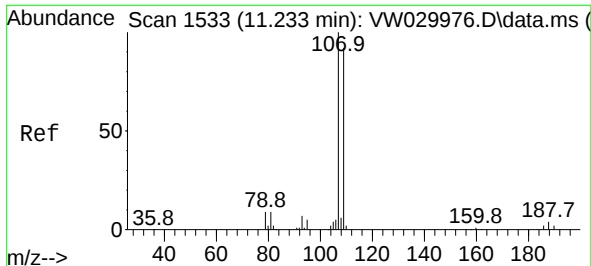
Tgt Ion: 43 Resp: 78242
Ion Ratio Lower Upper
43 100
58 56.5 41.0 61.4
57 19.8 14.1 21.1
100 13.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 28.757 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:129 Resp: 86346
Ion Ratio Lower Upper
129 100
127 76.0 52.4 97.2





#50

1,2-Dibromoethane

Concen: 26.676 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

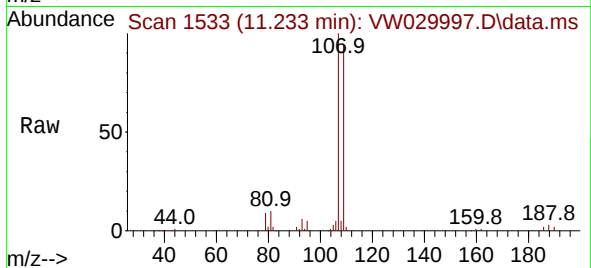
Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

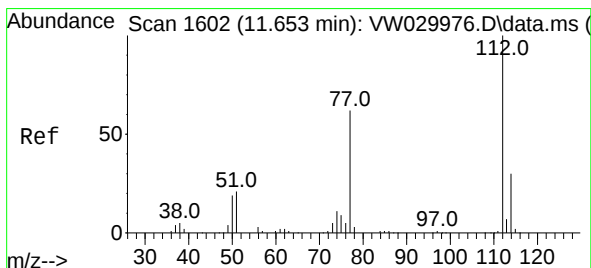
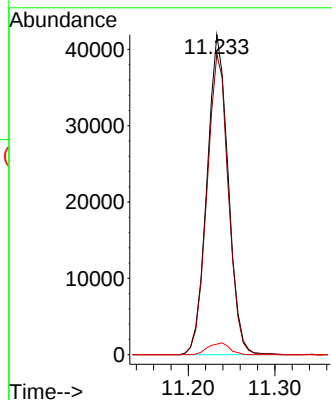
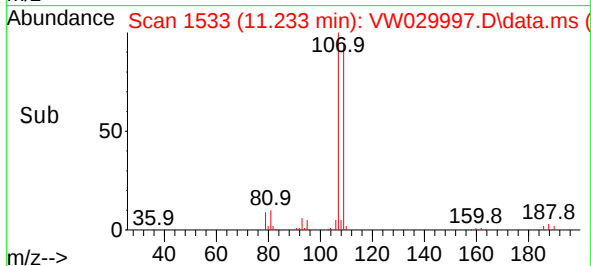
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	71391
Ion	Ratio	Lower	Upper
107	100		
109	93.8	64.8	120.3
188	3.3	2.7	4.1



#51

Chlorobenzene

Concen: 27.423 ug/L

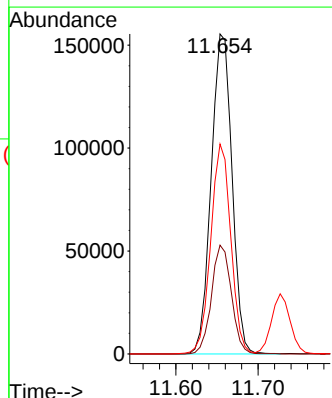
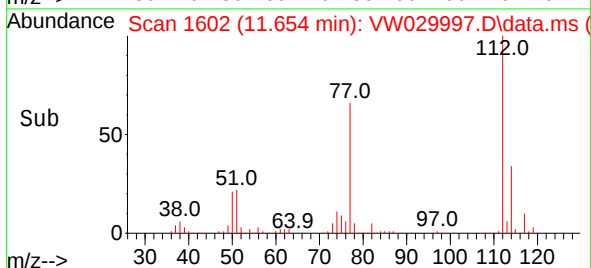
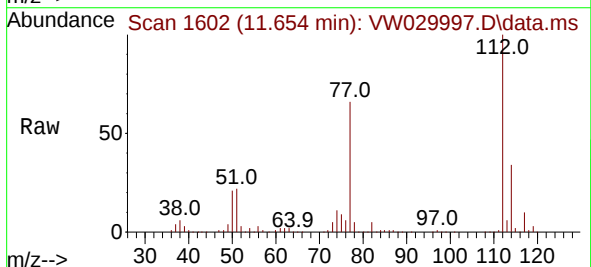
RT: 11.654 min Scan# 1602

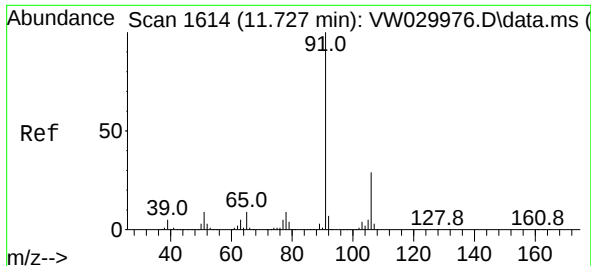
Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Tgt Ion:	112	Resp:	273548
Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.0	40.8
77	65.6	53.8	80.8

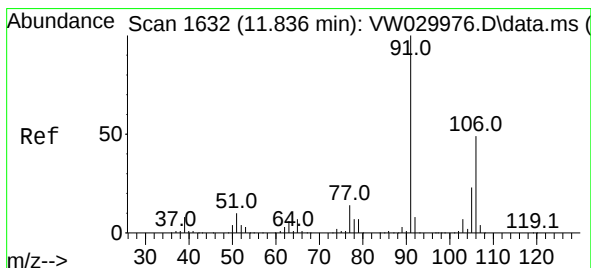
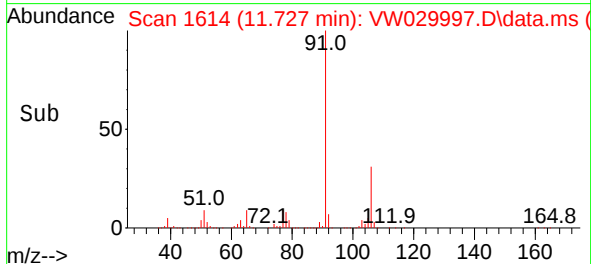
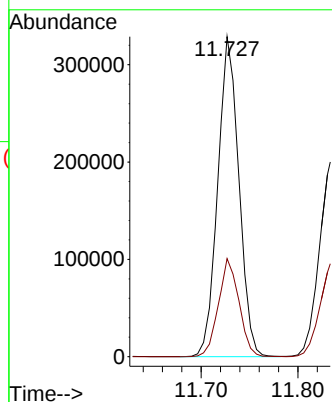
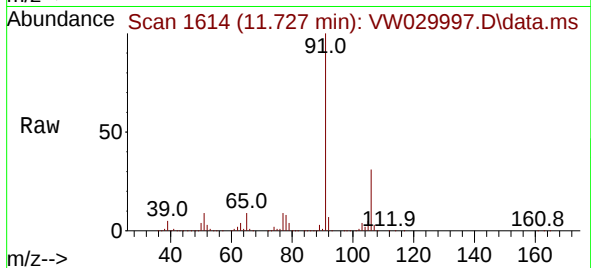




#52
Ethylbenzene
Concen: 27.575 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

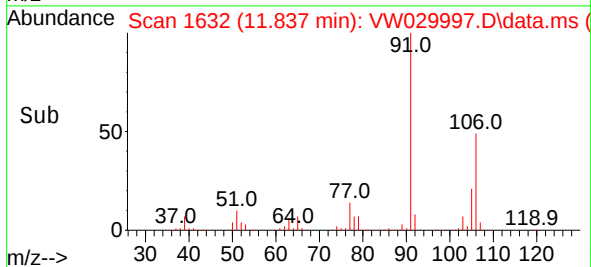
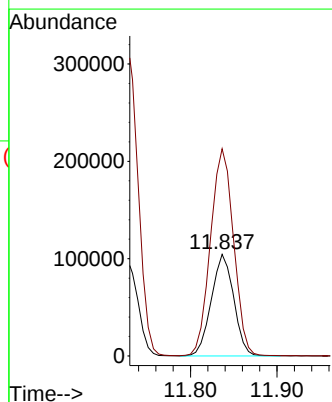
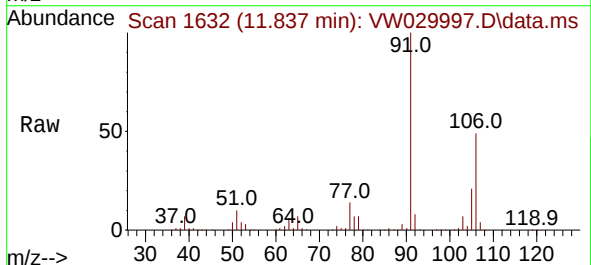
Instrument :
MSVOA_W
ClientSampleId :

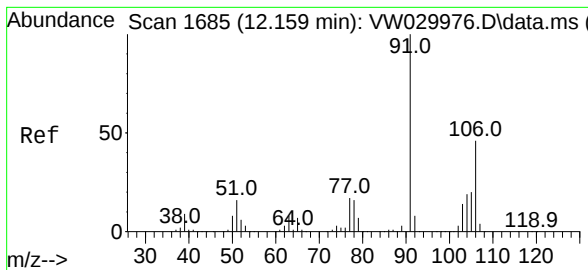
Tgt Ion: 91 Resp: 498823
Ion Ratio Lower Upper
91 100
106 30.6 20.4 38.0



#53
m,p-Xylene
Concen: 28.226 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:106 Resp: 187779
Ion Ratio Lower Upper
106 100
91 203.8 151.4 281.2

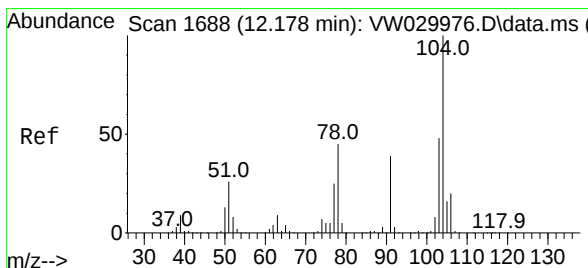
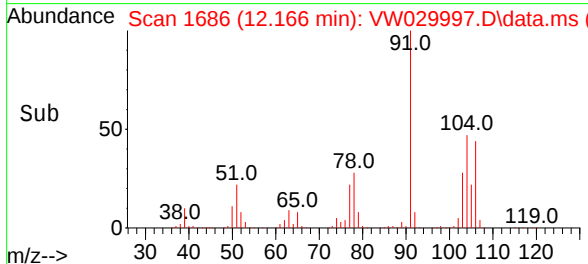
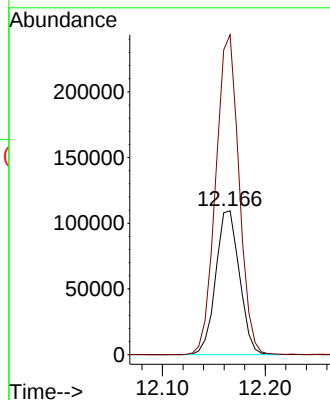
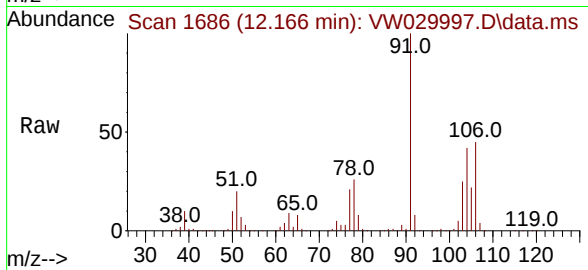




#54
o-Xylene
Concen: 28.667 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

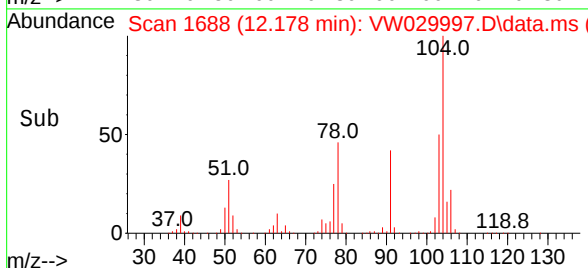
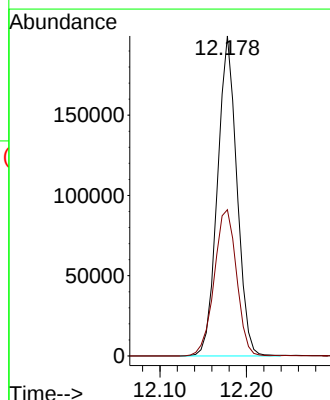
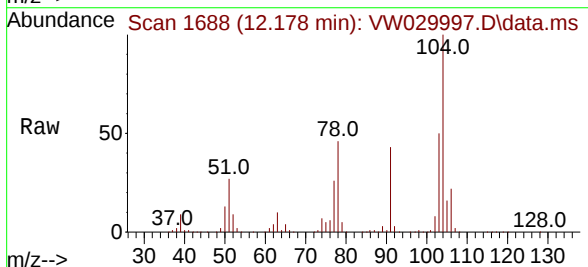
Instrument :
MSVOA_W
ClientSampleId :

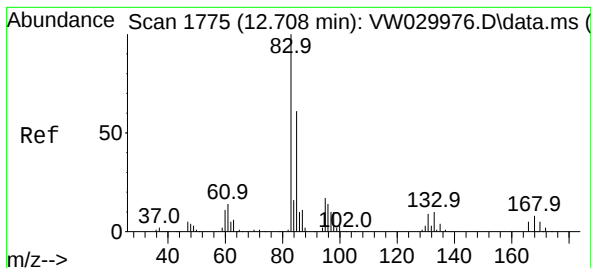
Tgt Ion:106 Resp: 175625
Ion Ratio Lower Upper
106 100
91 222.5 155.8 289.4



#55
Styrene
Concen: 29.249 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:104 Resp: 310606
Ion Ratio Lower Upper
104 100
78 45.7 33.3 61.9

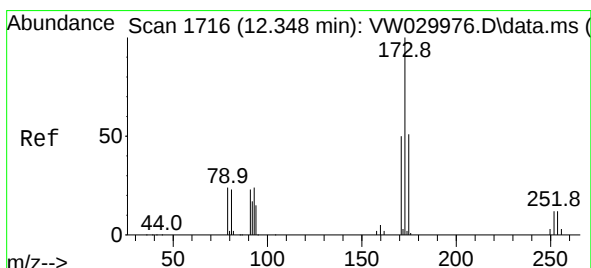
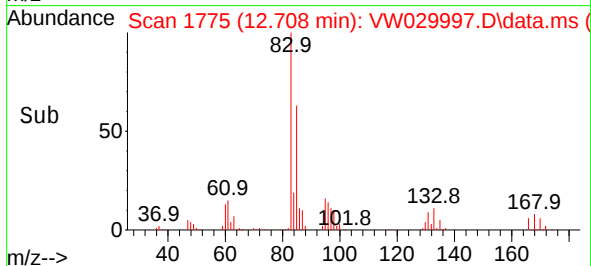
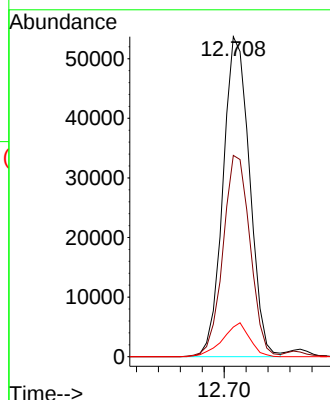
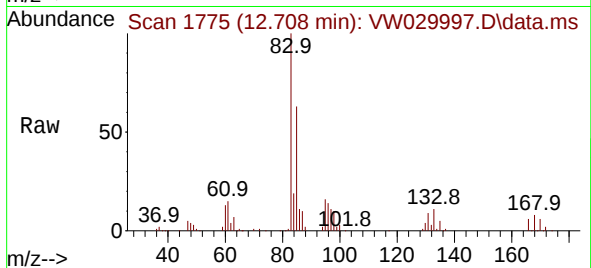




#57
1,1,2,2-Tetrachloroethane
Concen: 25.460 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

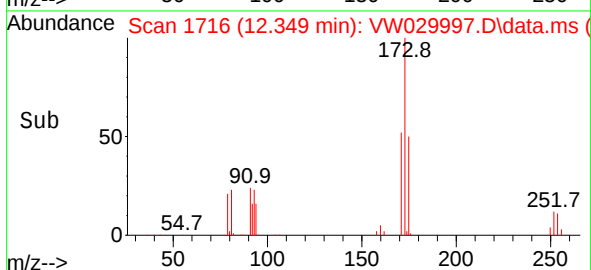
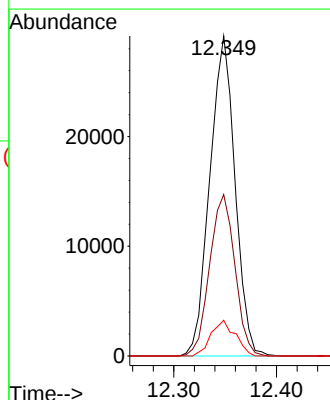
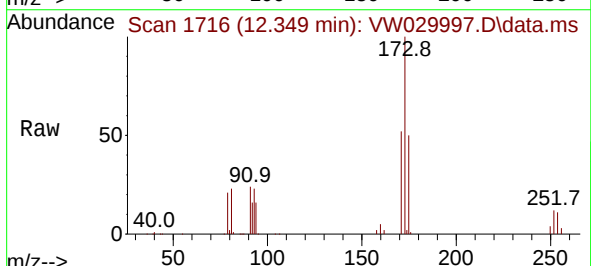
Instrument :
MSVOA_W
ClientSampleId :

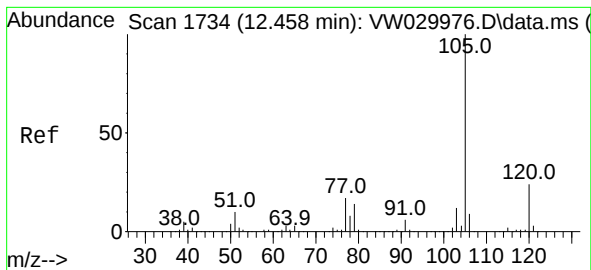
Tgt Ion: 83 Resp: 90382
Ion Ratio Lower Upper
83 100
85 62.9 44.2 82.0
131 9.2 6.2 9.2



#59
Bromoform
Concen: 28.996 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:173 Resp: 49685
Ion Ratio Lower Upper
173 100
175 50.4 38.1 57.1
254 10.7 7.8 11.6





#60

Isopropylbenzene

Concen: 28.069 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

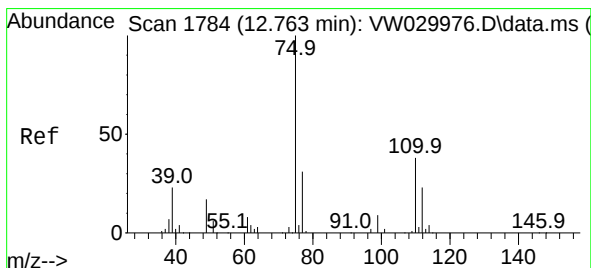
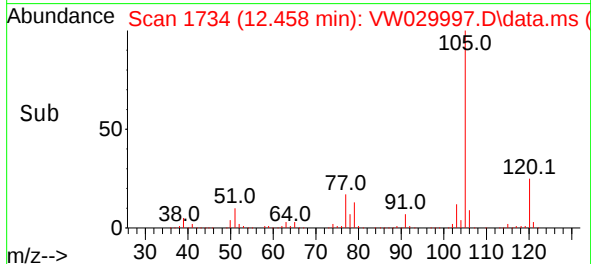
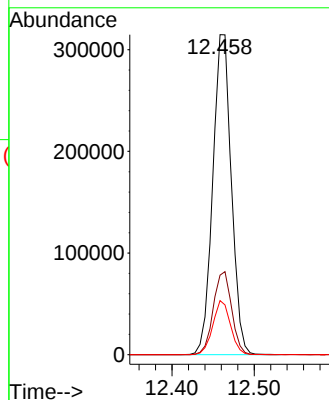
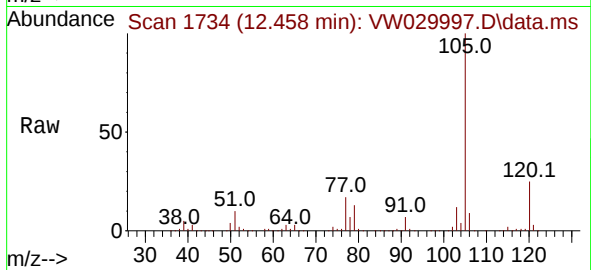
Tgt Ion:105 Resp: 494611

Ion Ratio Lower Upper

105 100

120 25.7 20.3 30.5

77 16.1 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 23.588 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

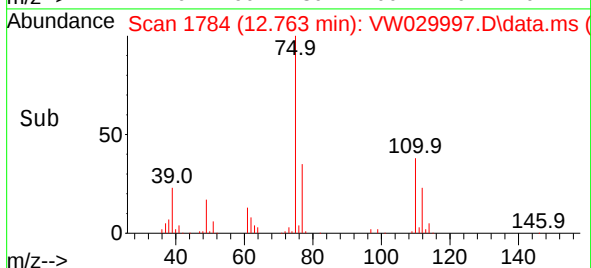
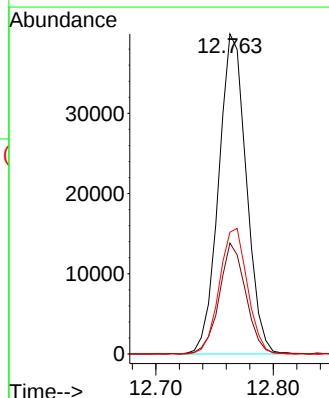
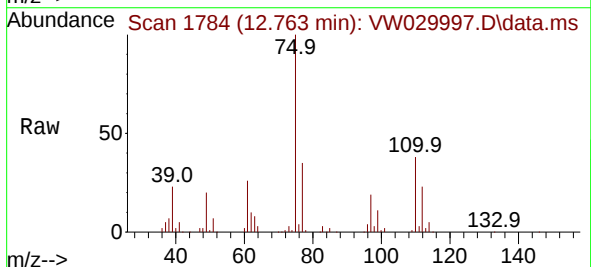
Tgt Ion: 75 Resp: 65330

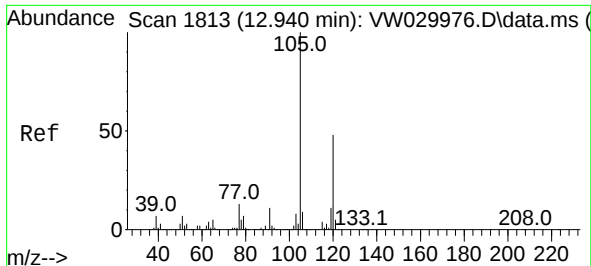
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

110 39.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 31.160 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

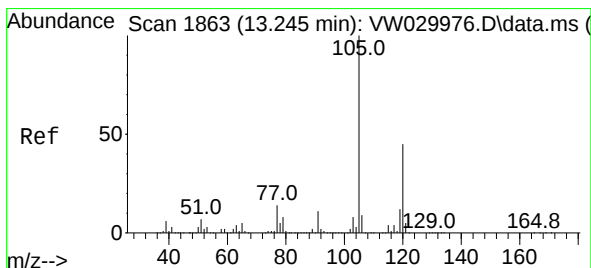
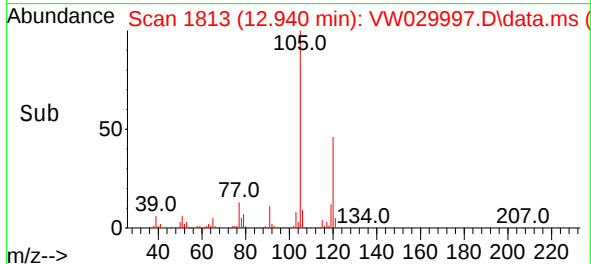
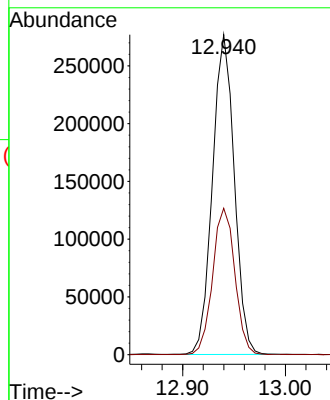
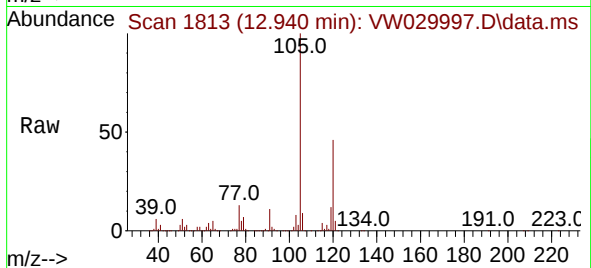
ClientSampleId :

Tgt Ion:105 Resp: 408127

Ion Ratio Lower Upper

105 100

120 46.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.607 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029997.D

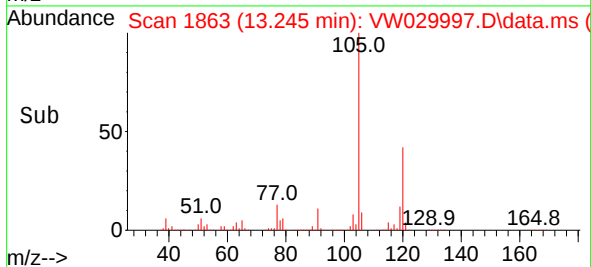
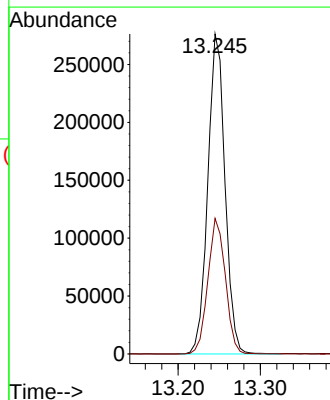
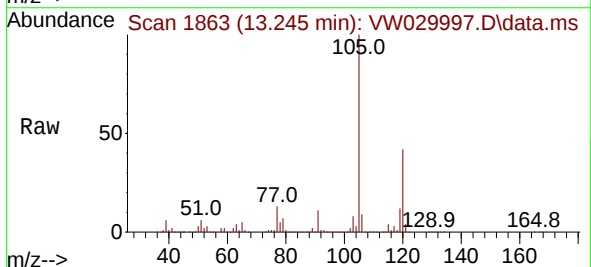
Acq: 23 Aug 2024 09:05

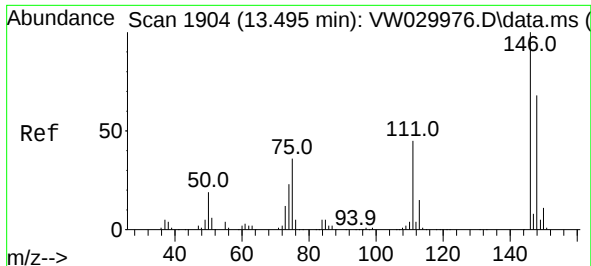
Tgt Ion:105 Resp: 400714

Ion Ratio Lower Upper

105 100

120 43.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 29.777 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

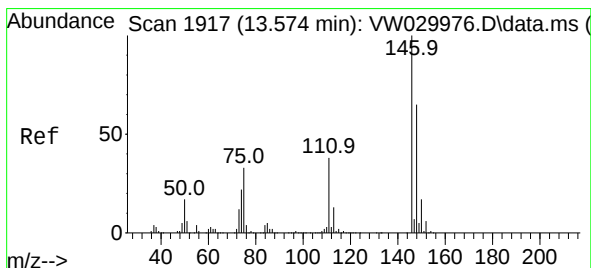
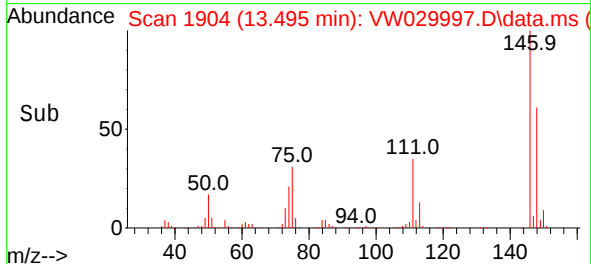
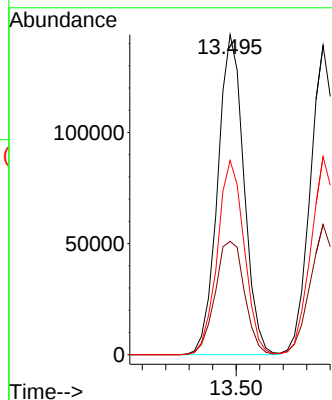
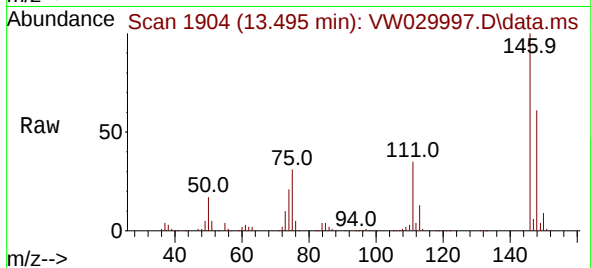
Tgt Ion:146 Resp: 223873

Ion Ratio Lower Upper

146 100

111 35.4 28.7 53.3

148 60.7 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 28.318 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

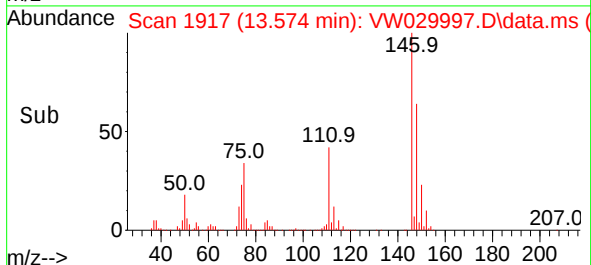
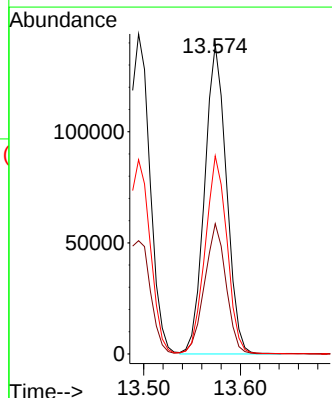
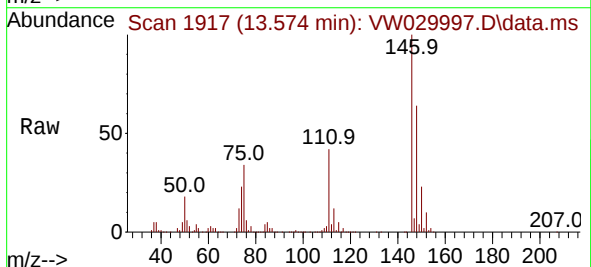
Tgt Ion:146 Resp: 218689

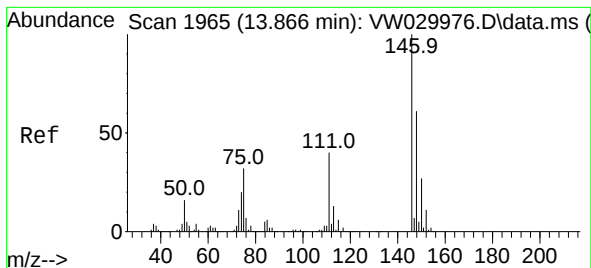
Ion Ratio Lower Upper

146 100

111 42.1 30.1 55.9

148 64.0 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 28.182 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

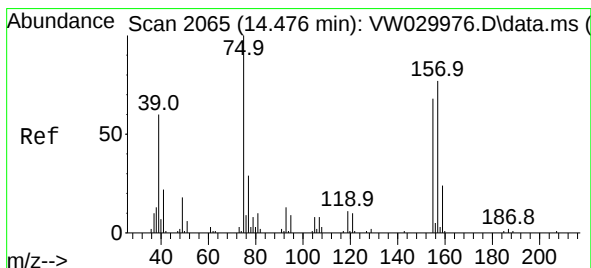
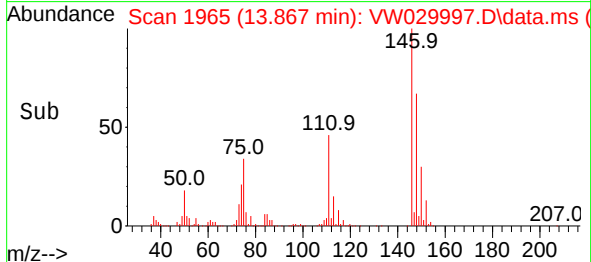
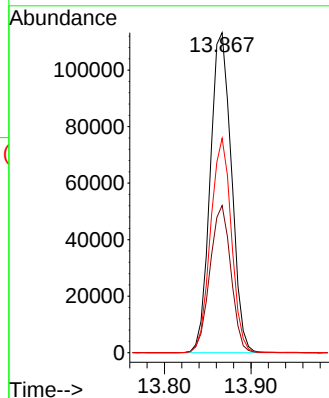
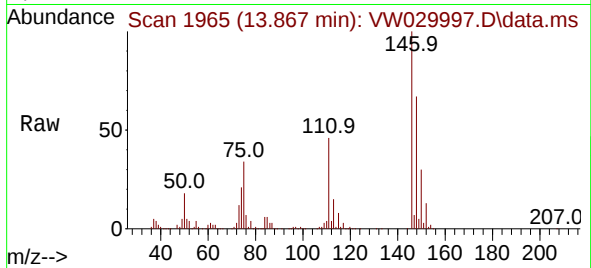
Tgt Ion:146 Resp: 192898

Ion Ratio Lower Upper

146 100

111 46.0 35.8 53.8

148 67.0 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.673 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

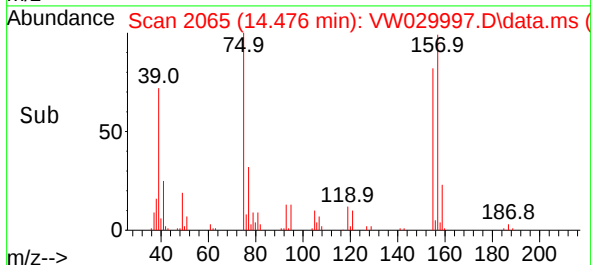
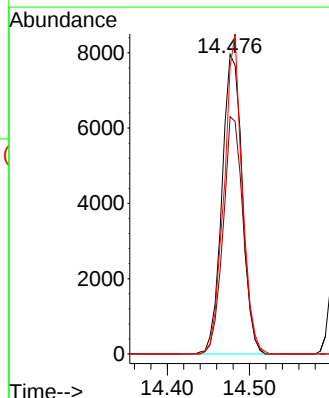
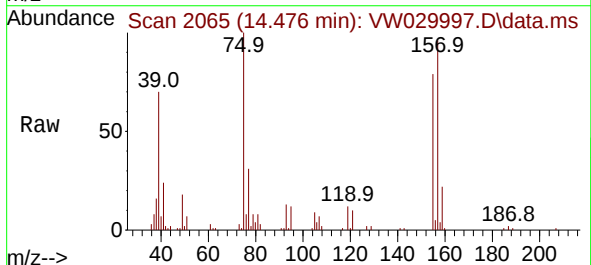
Tgt Ion: 75 Resp: 13629

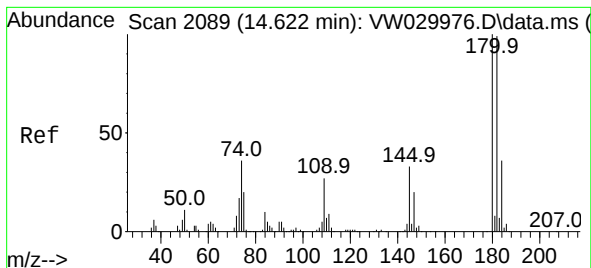
Ion Ratio Lower Upper

75 100

155 79.2 47.8 71.6#

157 95.9 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 29.455 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

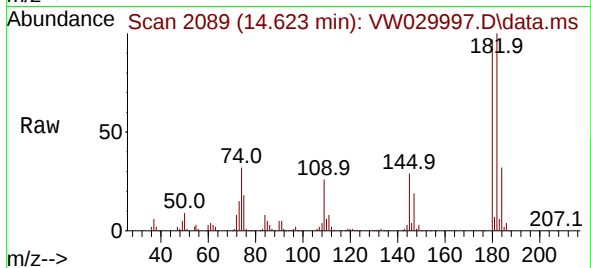
Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 151511

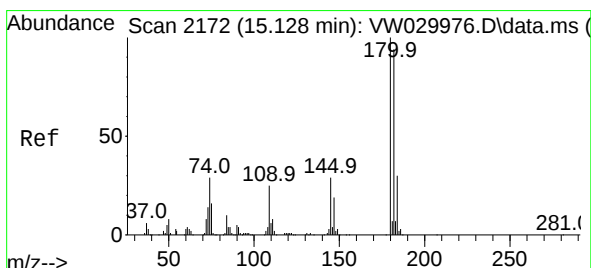
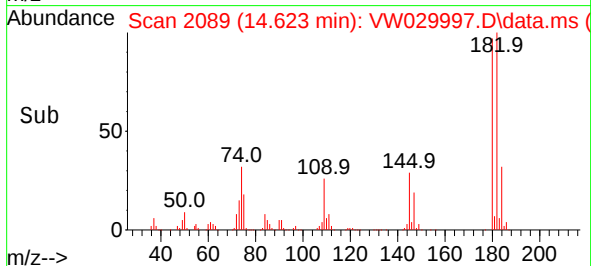
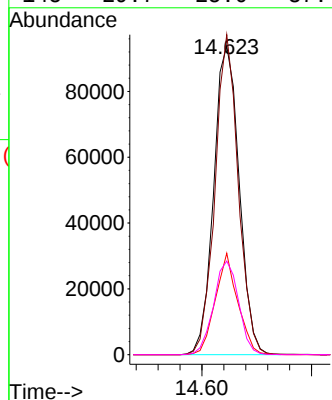
Ion Ratio Lower Upper

180 100

182 94.8 72.7 109.1

184 29.0 23.3 34.9

145 29.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 27.763 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029997.D

Acq: 23 Aug 2024 09:05

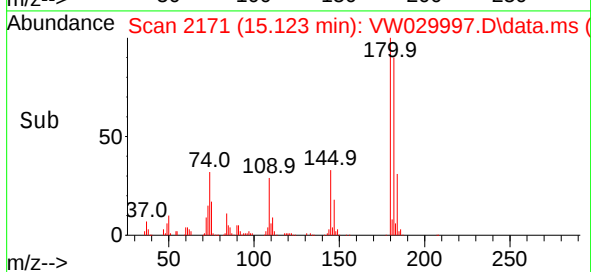
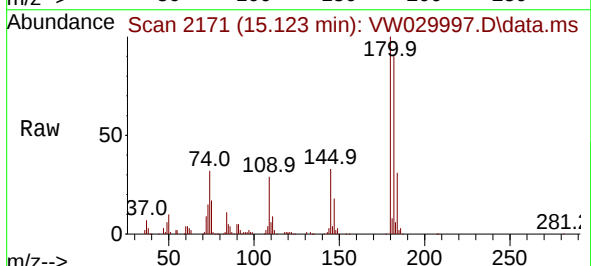
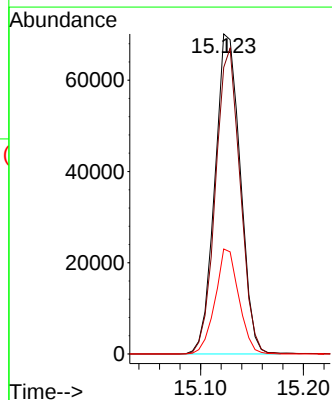
Tgt Ion:180 Resp: 120315

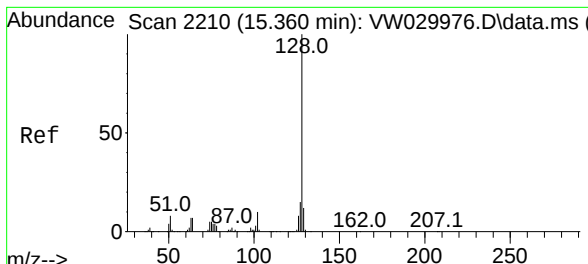
Ion Ratio Lower Upper

180 100

182 92.7 80.2 120.4

145 30.6 26.3 39.5

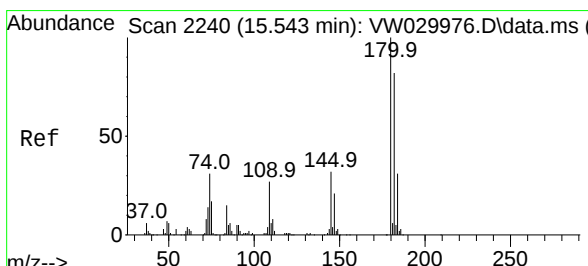
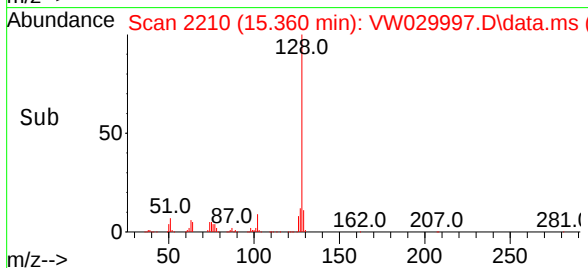
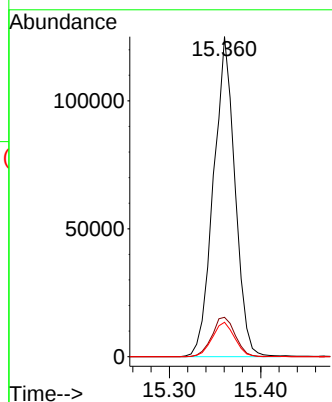
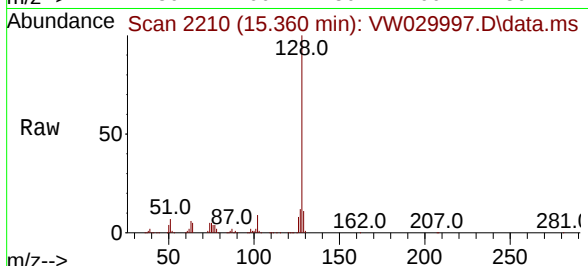




#71
Naphthalene
Concen: 24.691 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 204167
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.405 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW029997.D
Acq: 23 Aug 2024 09:05

Tgt Ion:180 Resp: 107491
Ion Ratio Lower Upper
180 100
182 98.5 74.0 111.0
145 31.8 27.5 41.3

