

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029955.D
 Acq On : 20 Aug 2024 13:21
 Operator : SY/MD
 Sample : P3626-10MS
 Misc : 4.92g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 00:45:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343881	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312538	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	148031	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	80997	16.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.360%
7) Chloroethane-d5	2.905	69	73916	21.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
11) 1,1-Dichloroethene-d2	4.021	65	37607	16.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.520%
21) 2-Butanone-d5	7.075	46	43420	32.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.900%
24) Chloroform-d	7.648	84	198584	22.308	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	8.306	65	104965	20.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	8.276	84	352253	20.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.440%
36) 1,2-Dichloropropane-d6	9.270	67	109811	20.365	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.480%
41) Toluene-d8	10.324	98	327914	21.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.574	79	44746	20.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.040%
47) 2-Hexanone-d5	10.922	63	36141	40.648	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93093	23.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	102169	22.228	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	56948	12.286	ug/L	97
3) Chloromethane	2.228	50	62392	10.878	ug/L	96
5) Vinyl chloride	2.375	62	86031	13.386	ug/L	98
6) Bromomethane	2.795	94	57937	16.417	ug/L	95
8) Chloroethane	2.942	64	56760	15.525	ug/L	97
9) Trichlorofluoromethane	3.271	101	78743	15.339	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	71920	14.066	ug/L	95
12) 1,1-Dichloroethene	4.045	96	68120	14.500	ug/L	85
13) Acetone	4.118	43	70875	42.622	ug/L	96
14) Carbon disulfide	4.393	76	187354	11.984	ug/L	97
15) Methyl Acetate	4.673	43	29027	10.480	ug/L #	87
16) Methylene chloride	4.923	84	80950	11.260	ug/L	86
17) trans-1,2-Dichloroethene	5.429	96	73700	14.558	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	116193	13.926	ug/L	100
19) 1,1-Dichloroethane	6.221	63	149016	13.956	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	85474	15.565	ug/L	90
22) 2-Butanone	7.166	43	40511	19.013	ug/L	87
23) Bromochloromethane	7.508	128	37174	15.946	ug/L #	72
25) Chloroform	7.679	83	165074	16.410	ug/L	99

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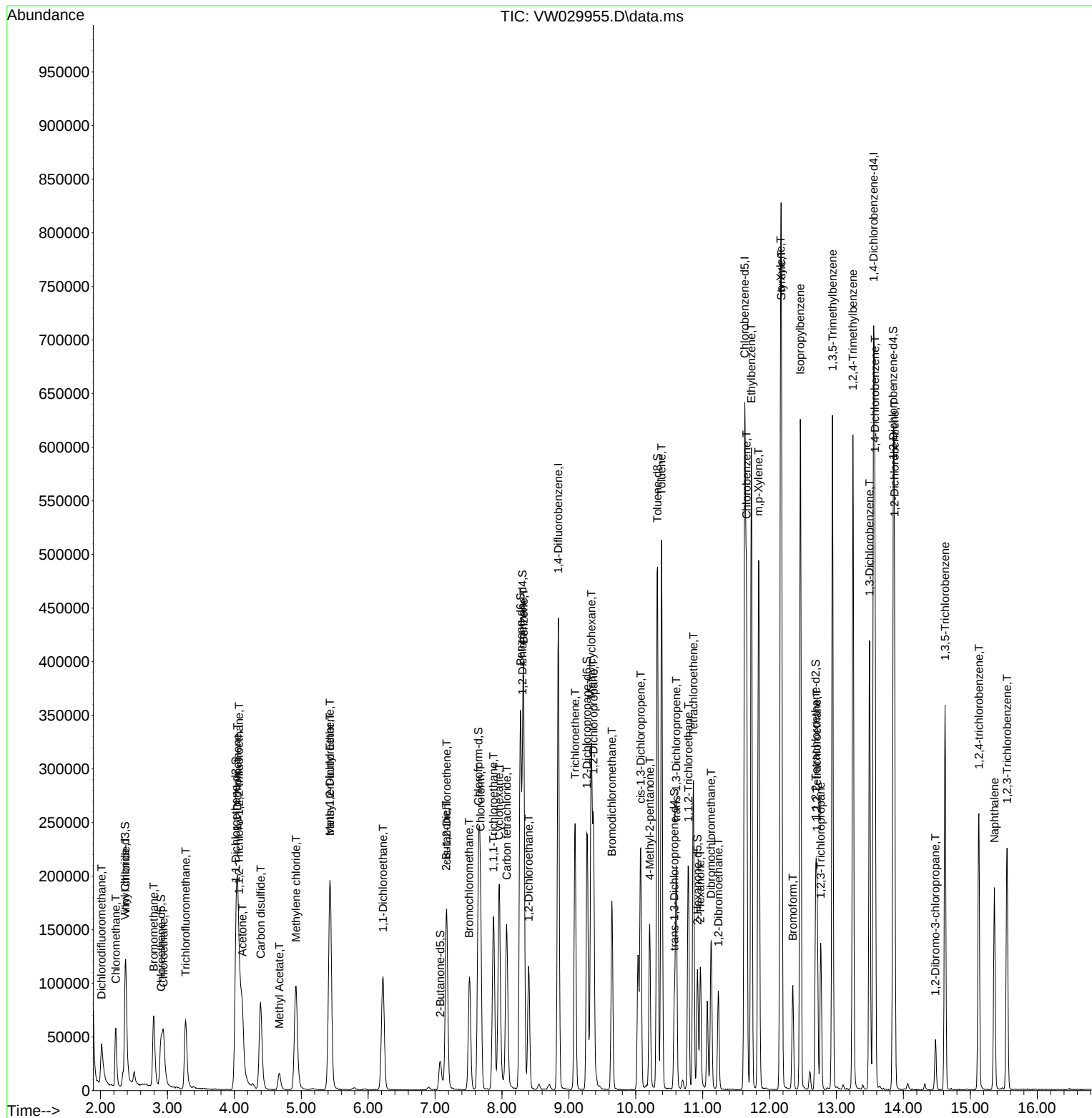
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106236	14.491	ug/L	98
29) Cyclohexane	7.959	56	99755	11.231	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	131404	16.603	ug/L	95
31) Carbon tetrachloride	8.069	117	113583	15.927	ug/L	97
33) Benzene	8.325	78	330240	15.422	ug/L	100
34) Trichloroethene	9.093	95	85659	15.259	ug/L	98
35) Methylcyclohexane	9.337	83	120927	12.928	ug/L	94
37) 1,2-Dichloropropane	9.367	63	87466	14.905	ug/L	98
38) Bromodichloromethane	9.642	83	117365	16.795	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	130980	15.326	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	95253	25.554	ug/L #	92
42) Toluene	10.385	91	357402	16.351	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	110838	15.623	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	63765	16.174	ug/L	97
46) Tetrachloroethene	10.861	164	63046	15.452	ug/L	91
48) 2-Hexanone	10.965	43	69056	24.736	ug/L #	94
49) Dibromochloromethane	11.123	129	71674	17.513	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58726	16.099	ug/L	96
51) Chlorobenzene	11.653	112	219649	16.155	ug/L	93
52) Ethylbenzene	11.727	91	407994	16.547	ug/L	98
53) m,p-Xylene	11.836	106	146854	16.195	ug/L	93
54) o-Xylene	12.166	106	138033	16.530	ug/L	95
55) Styrene	12.178	104	239095	16.518	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	79134	16.354	ug/L #	97
59) Bromoform	12.348	173	41106	18.454	ug/L #	95
60) Isopropylbenzene	12.458	105	384560	16.788	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	55250	15.346	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	308174	18.100	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	310787	17.068	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	155243	15.885	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	168816	16.816	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	148482	16.687	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	12252	14.988	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	103710	15.510	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	74594	13.241	ug/L	98
71) Naphthalene	15.360	128	142785	13.284	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71441	14.011	ug/L	99

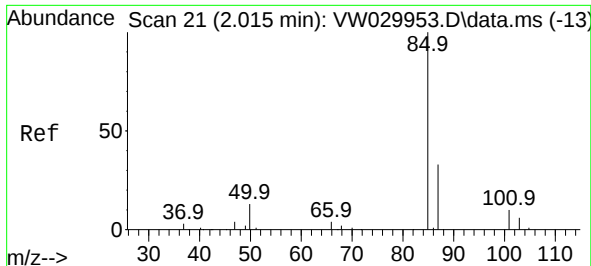
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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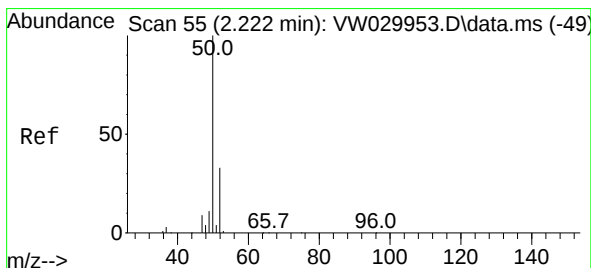
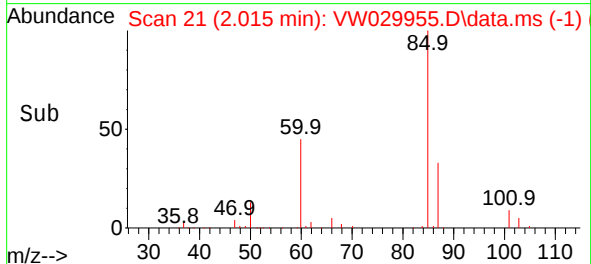
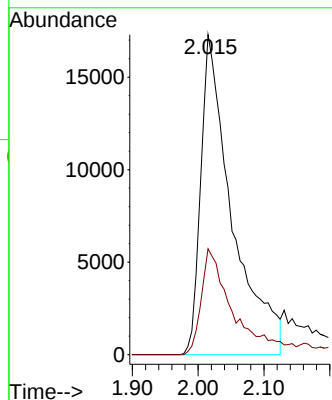
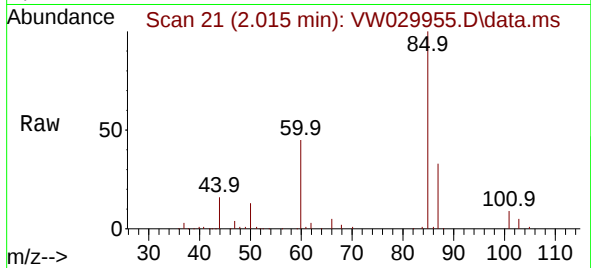




#2
 Dichlorodifluoromethane
 Concen: 12.286 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029955.D
 Acq: 20 Aug 2024 13:21

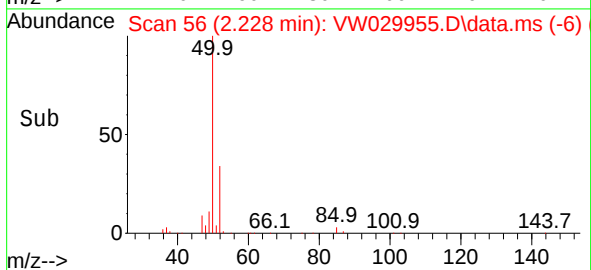
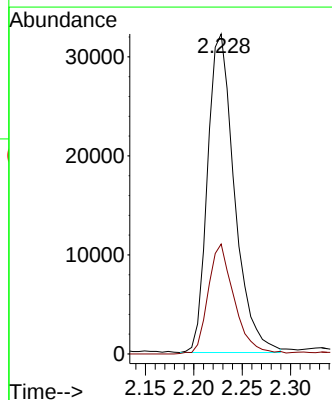
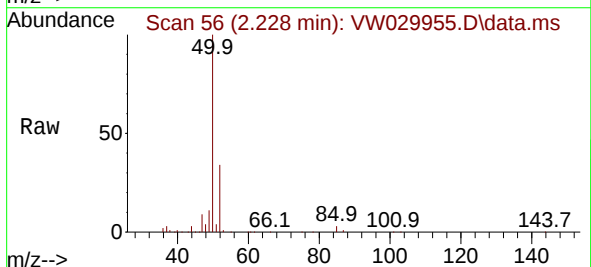
Instrument :
 MSVOA_W
 ClientSampleId :

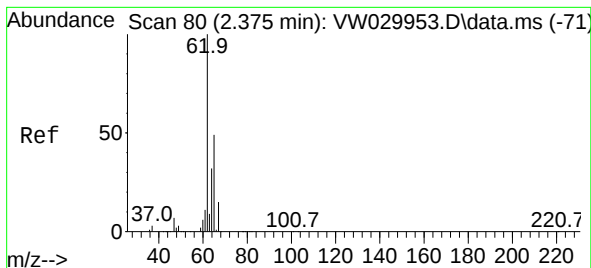
Tgt Ion: 85 Resp: 56948
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.5 38.3



#3
 Chloromethane
 Concen: 10.878 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029955.D
 Acq: 20 Aug 2024 13:21

Tgt Ion: 50 Resp: 62392
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.5 41.9





#5

Vinyl chloride

Concen: 13.386 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

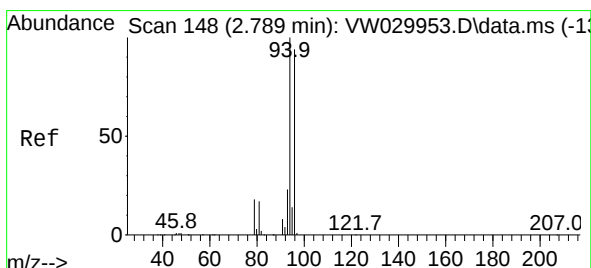
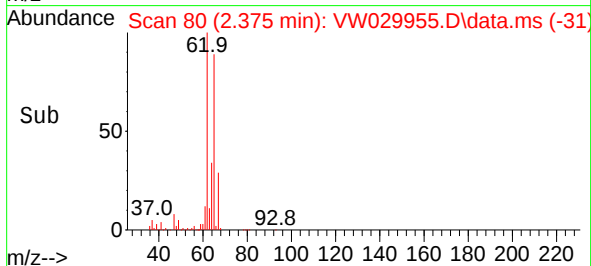
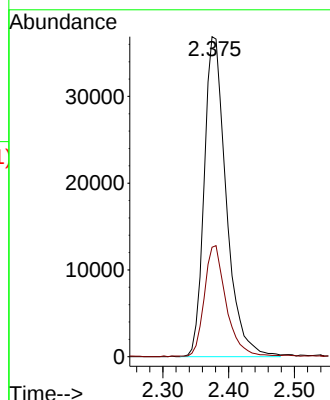
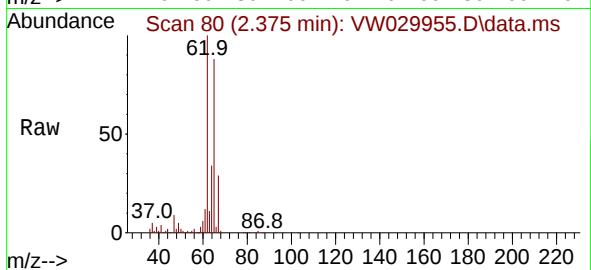
ClientSampleId :

Tgt Ion: 62 Resp: 86031

Ion Ratio Lower Upper

62 100

64 34.2 23.2 43.2



#6

Bromomethane

Concen: 16.417 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW029955.D

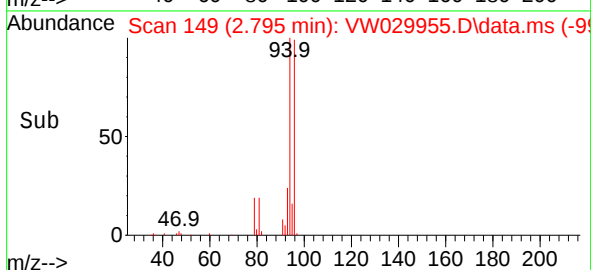
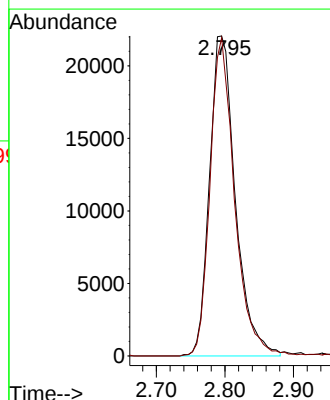
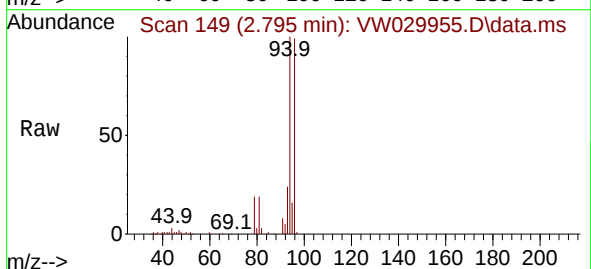
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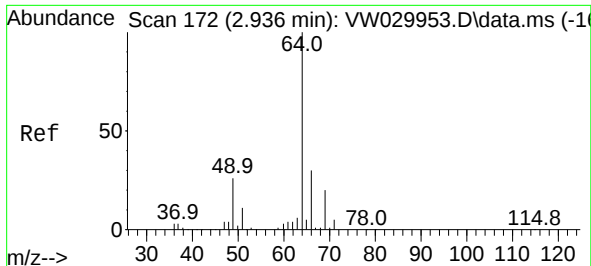
Tgt Ion: 94 Resp: 57937

Ion Ratio Lower Upper

94 100

96 99.4 66.2 123.0

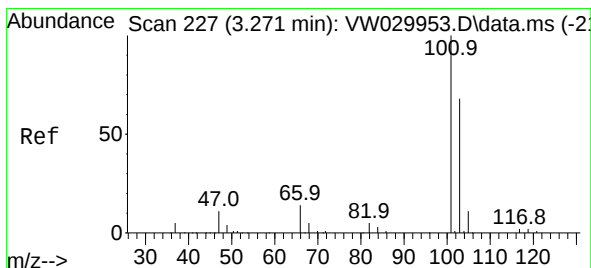
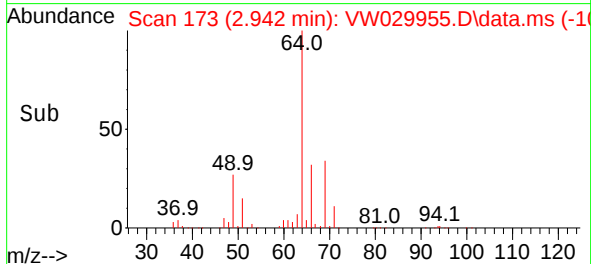
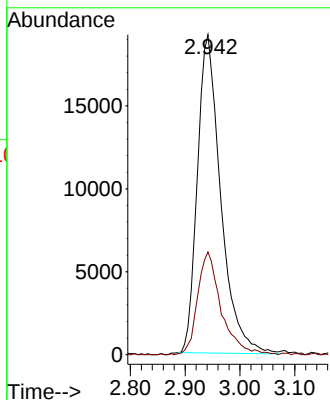
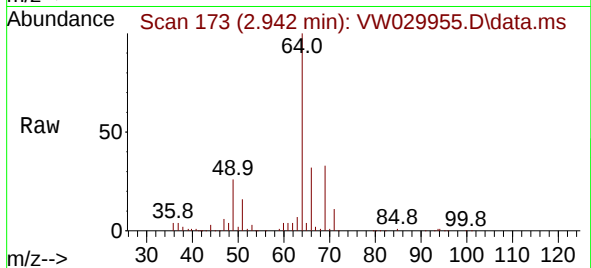




#8
Chloroethane
Concen: 15.525 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

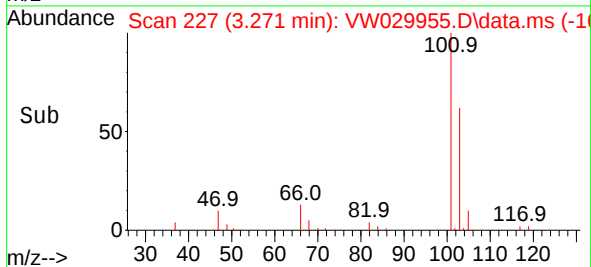
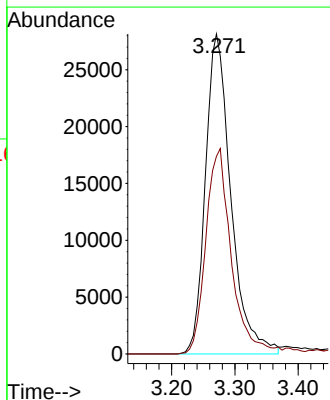
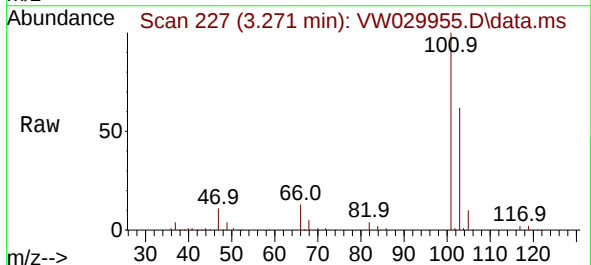
Instrument :
MSVOA_W
ClientSampleId :

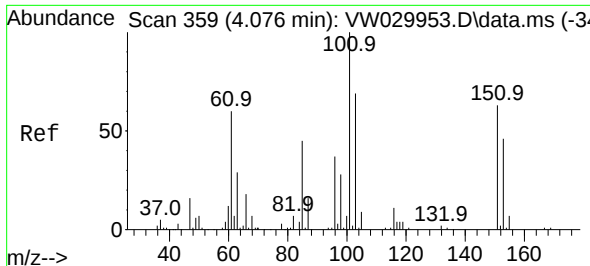
Tgt Ion: 64 Resp: 56760
Ion Ratio Lower Upper
64 100
66 32.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 15.339 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:101 Resp: 78743
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4





#10

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

Concen: 14.066 ug/L

RT: 4.069 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :

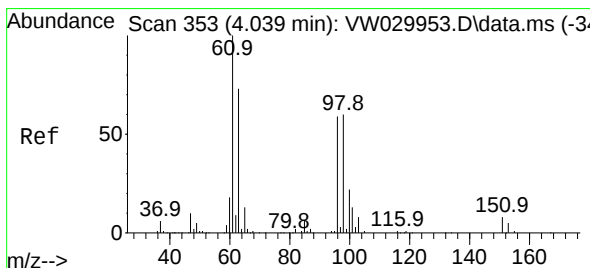
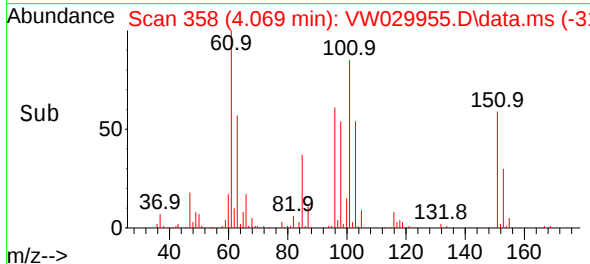
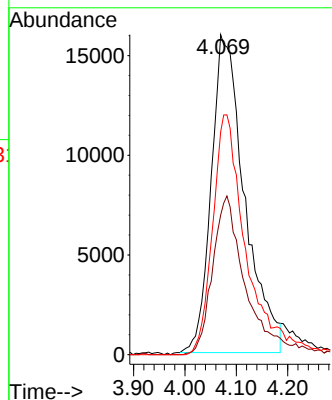
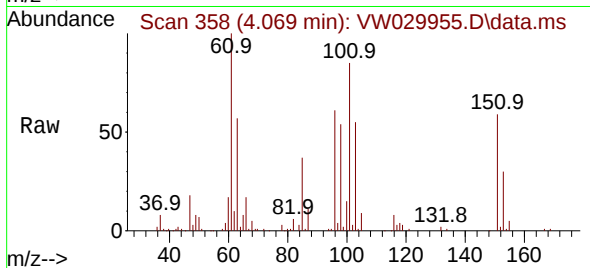
Tgt Ion:101 Resp: 71920

Ion Ratio Lower Upper

101 100

85 48.4 34.2 51.4

151 69.9 54.2 81.2



#12

1,1-Dichloroethene

Concen: 14.500 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029955.D

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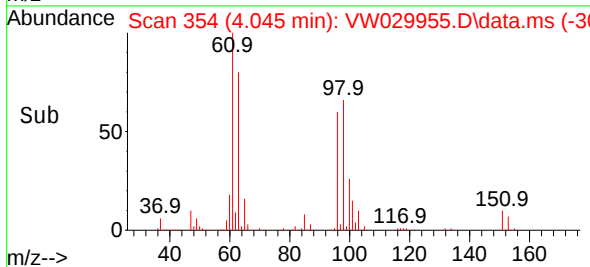
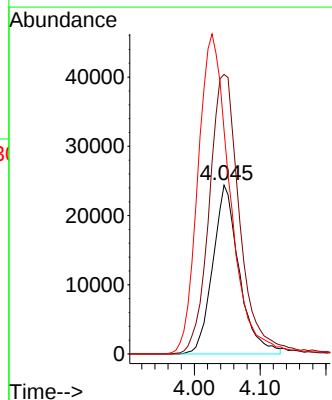
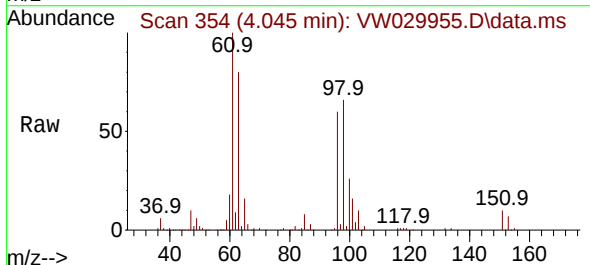
Tgt Ion: 96 Resp: 68120

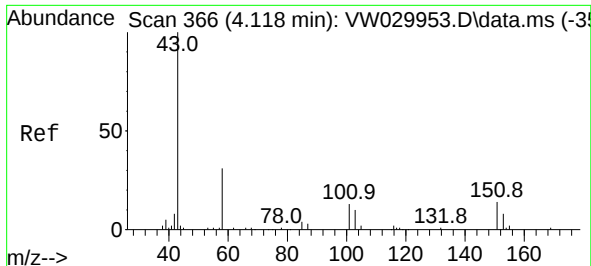
Ion Ratio Lower Upper

96 100

61 165.6 138.3 256.9

63 132.7 89.0 165.4

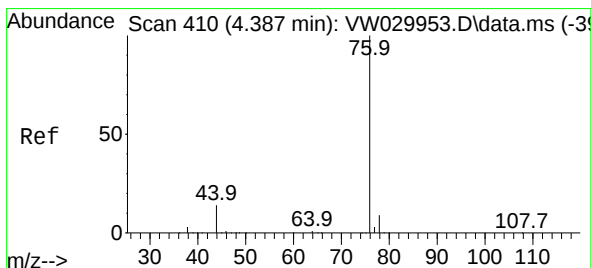
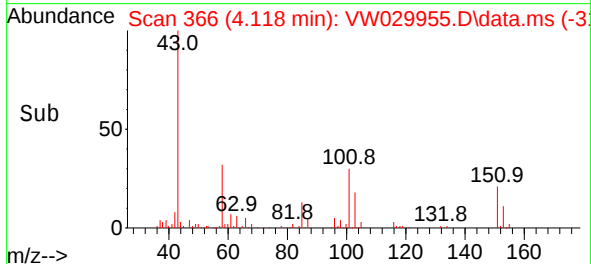
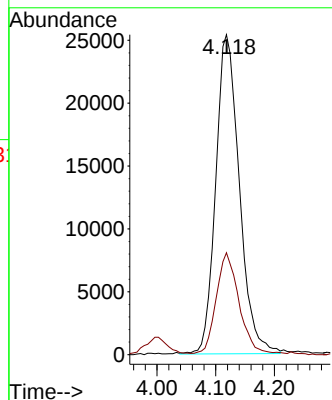
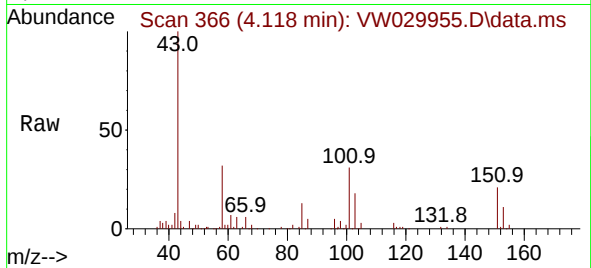




#13
Acetone
Concen: 42.622 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029955.D
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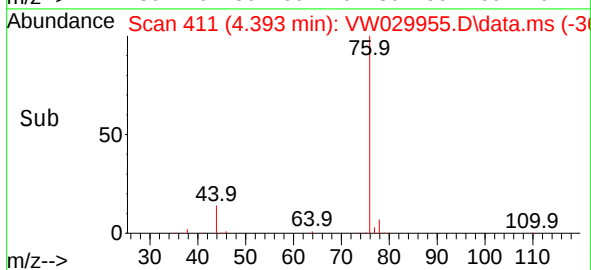
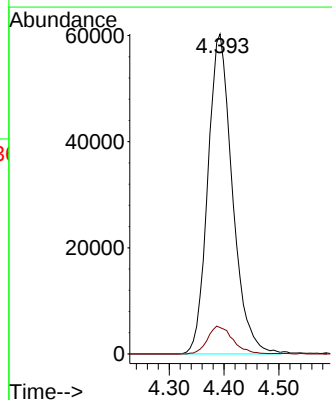
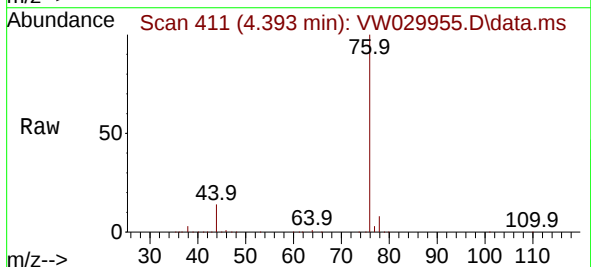
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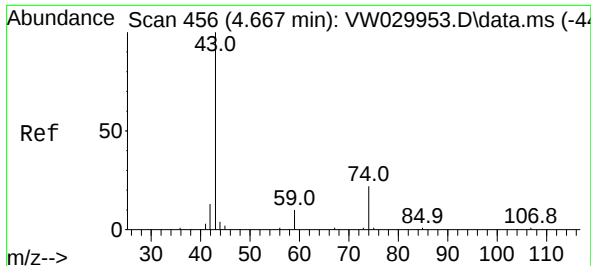
Tgt Ion: 43 Resp: 70875
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.6



#14
Carbon disulfide
Concen: 11.984 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion: 76 Resp: 187354
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4

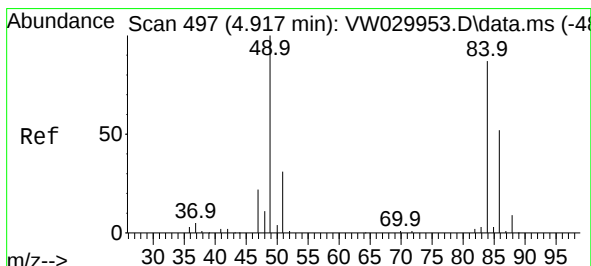
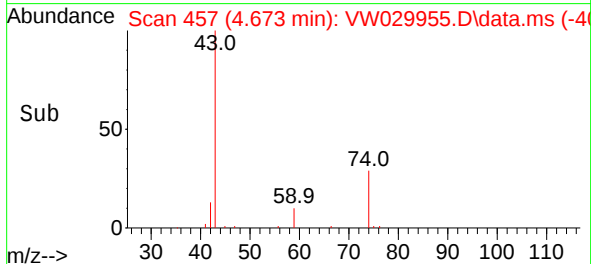
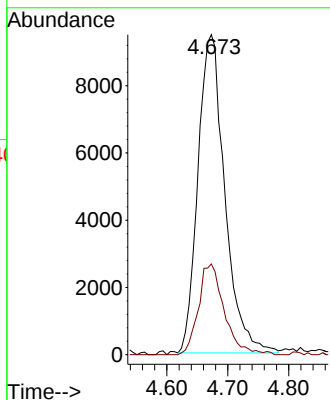
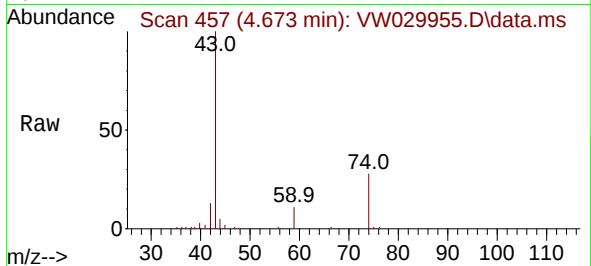




#15
Methyl Acetate
Concen: 10.480 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

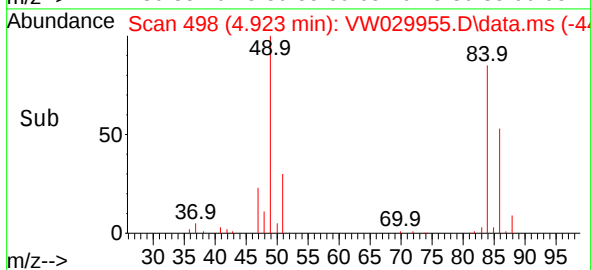
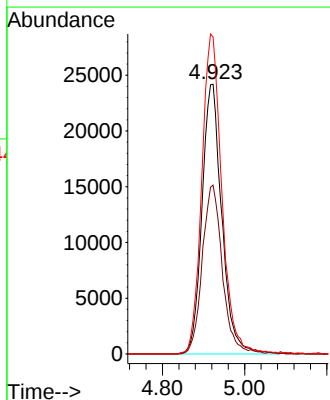
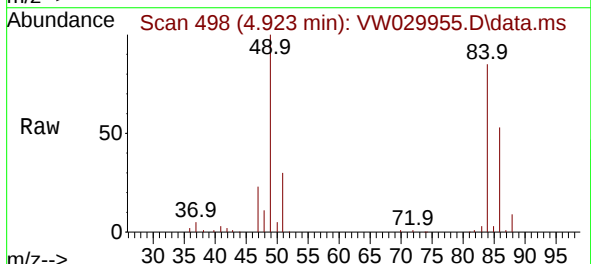
Instrument :
MSVOA_W
ClientSampleId :

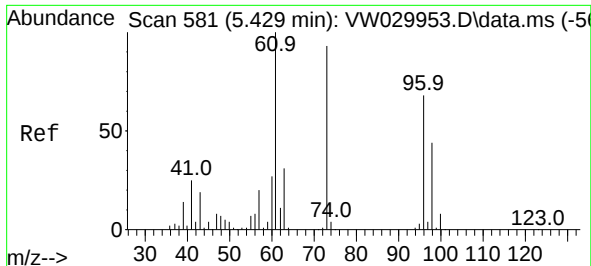
Tgt Ion: 43 Resp: 29027
Ion Ratio Lower Upper
43 100
74 26.8 16.5 24.7#



#16
Methylene chloride
Concen: 11.260 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion: 84 Resp: 80950
Ion Ratio Lower Upper
84 100
86 62.6 44.7 82.9
49 117.5 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 14.558 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :

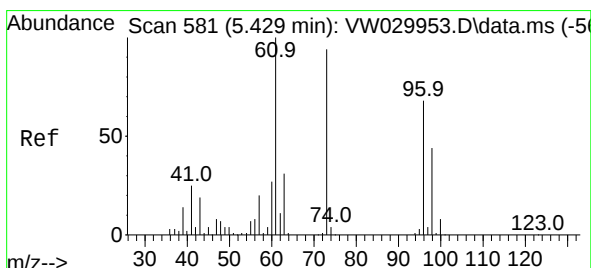
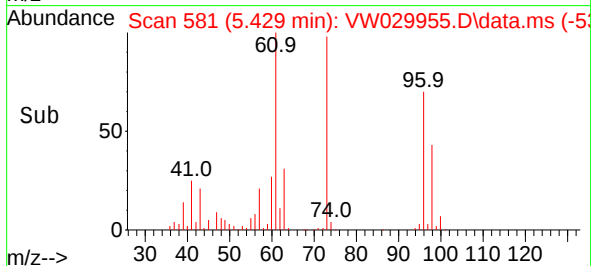
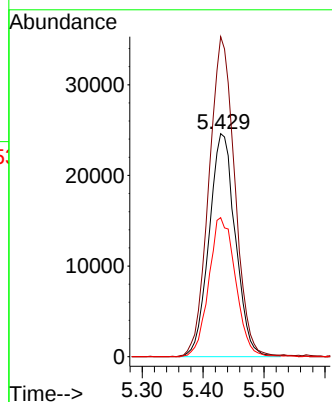
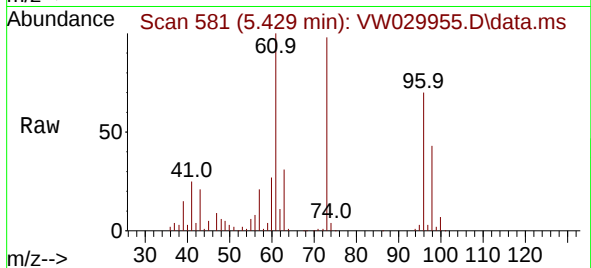
Tgt Ion: 96 Resp: 73700

Ion Ratio Lower Upper

96 100

61 143.4 111.2 206.6

98 62.3 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 13.926 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

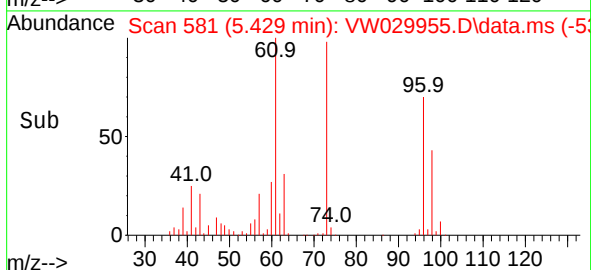
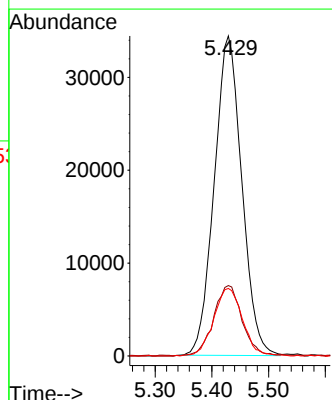
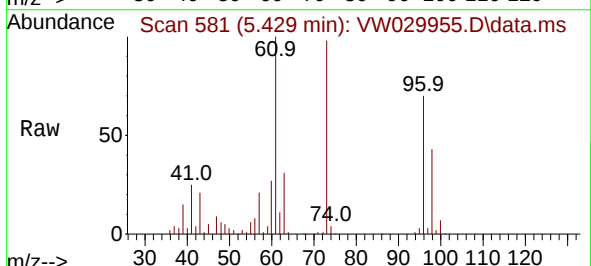
Tgt Ion: 73 Resp: 116193

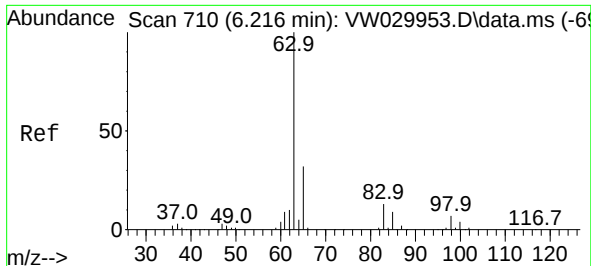
Ion Ratio Lower Upper

73 100

43 22.7 18.3 27.5

57 22.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 13.956 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

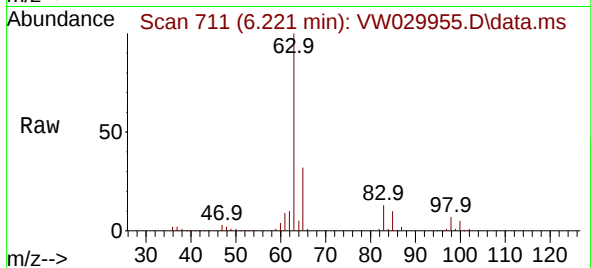
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



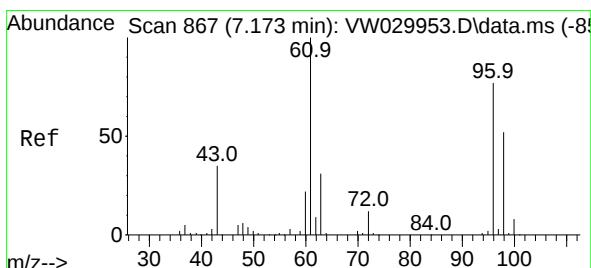
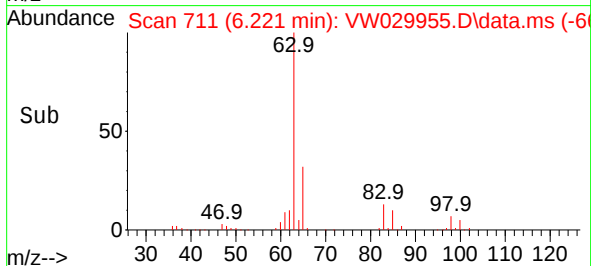
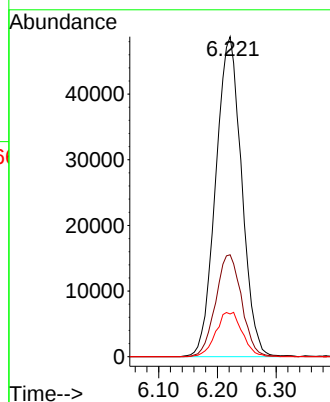
Tgt Ion: 63 Resp: 149016

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 13.3 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 15.565 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

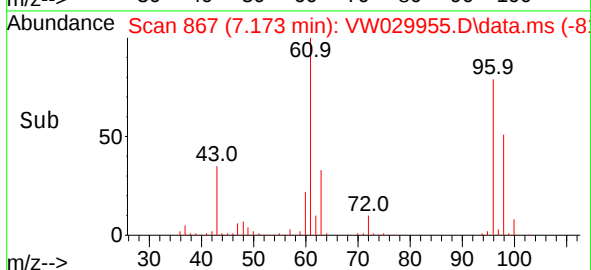
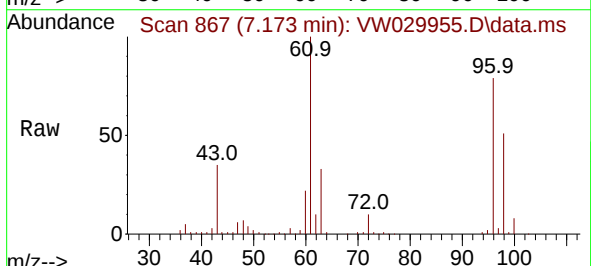
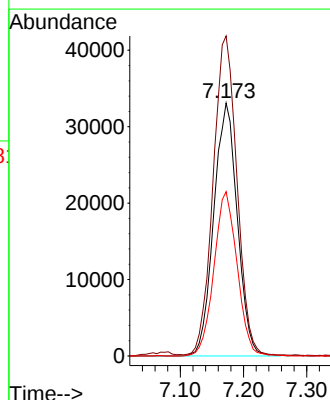
Tgt Ion: 96 Resp: 85474

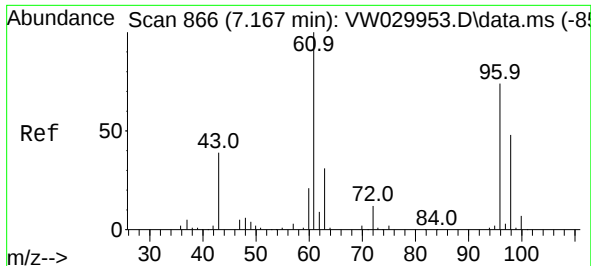
Ion Ratio Lower Upper

96 100

61 126.5 98.2 182.4

98 64.9 41.9 77.9





#22

2-Butanone

Concen: 19.013 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

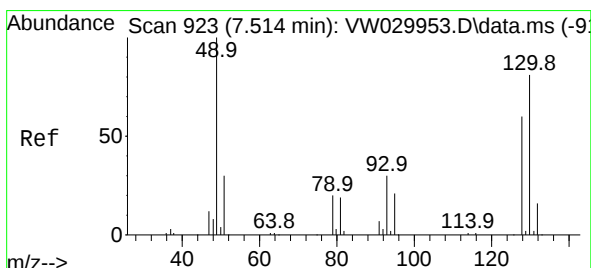
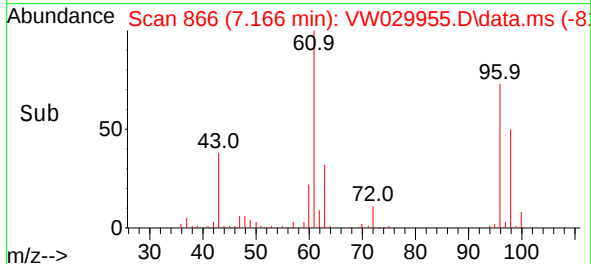
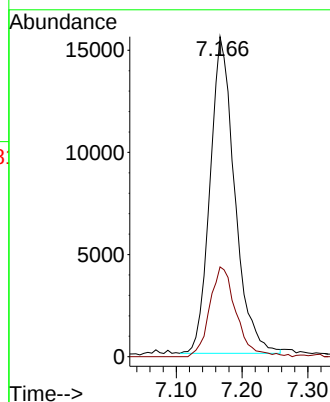
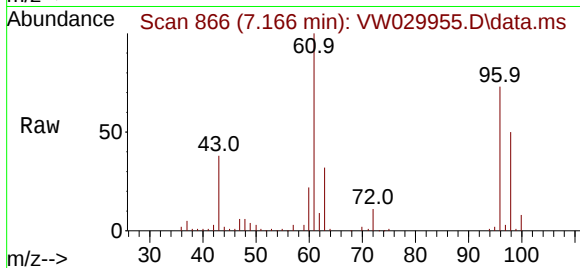
ClientSampleId :

Tgt Ion: 43 Resp: 40511

Ion Ratio Lower Upper

43 100

72 29.9 11.7 35.1



#23

Bromochloromethane

Concen: 15.946 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Tgt Ion: 128 Resp: 37174

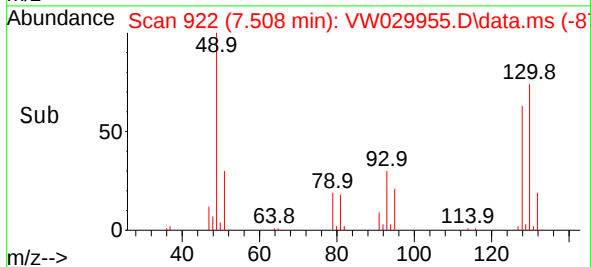
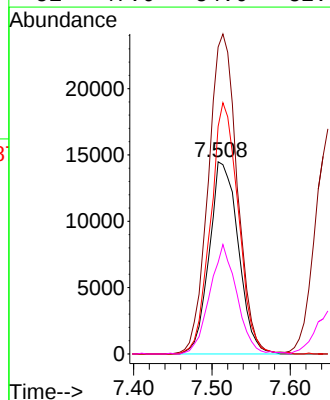
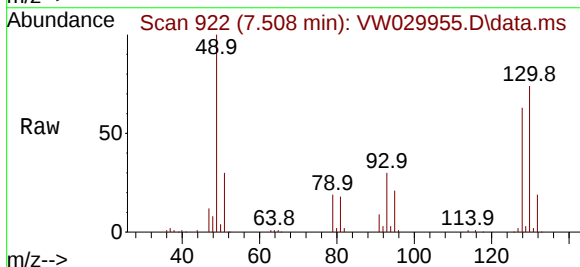
Ion Ratio Lower Upper

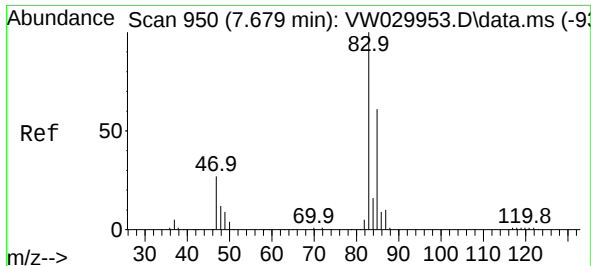
128 100

49 159.7 151.1 280.7

130 118.4 96.8 179.8

51 47.6 54.6 82.0#





#25

Chloroform

Concen: 16.410 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

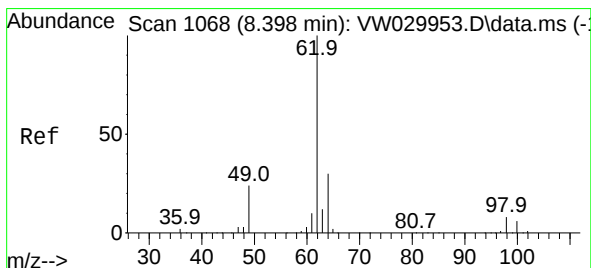
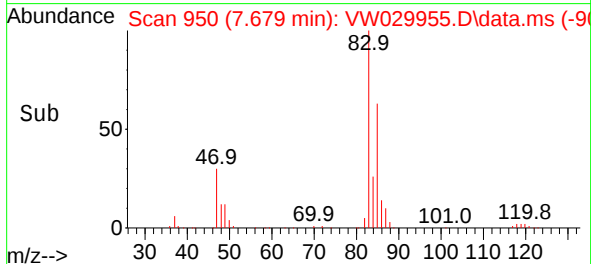
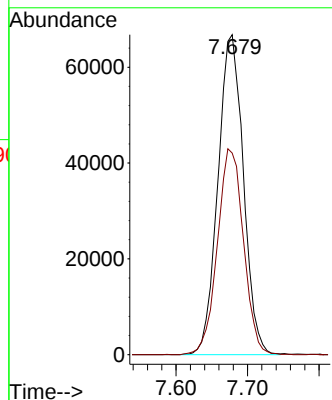
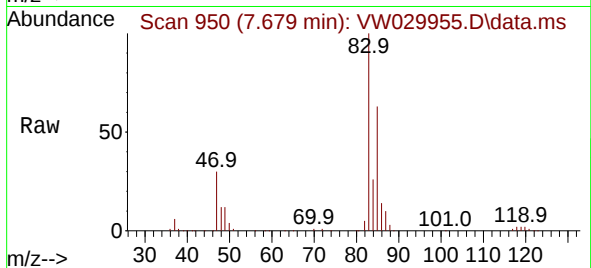
ClientSampleId :

Tgt Ion: 83 Resp: 165074

Ion Ratio Lower Upper

83 100

85 63.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 14.491 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029955.D

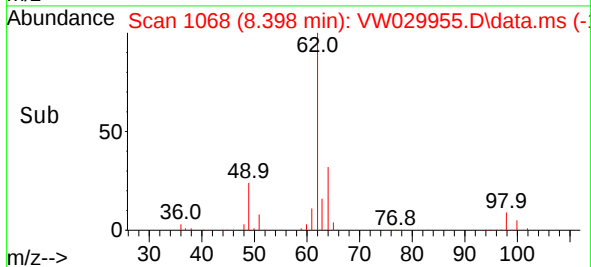
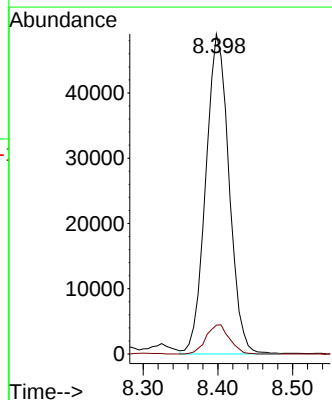
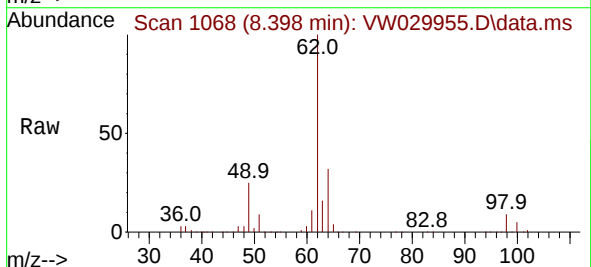
Acq: 20 Aug 2024 13:21

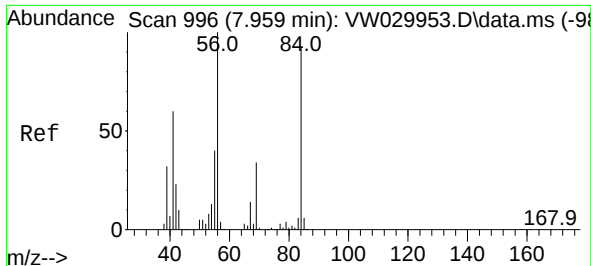
Tgt Ion: 62 Resp: 106236

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0





#29

Cyclohexane

Concen: 11.231 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

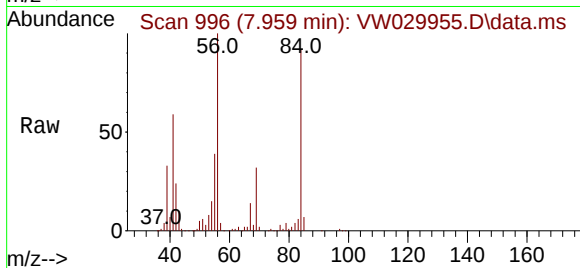
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



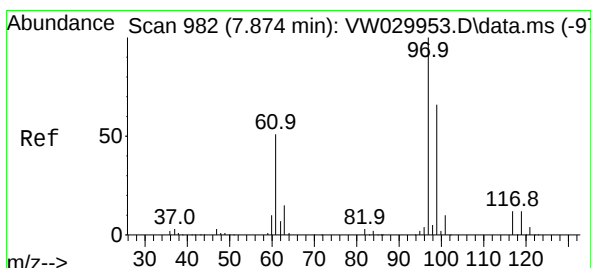
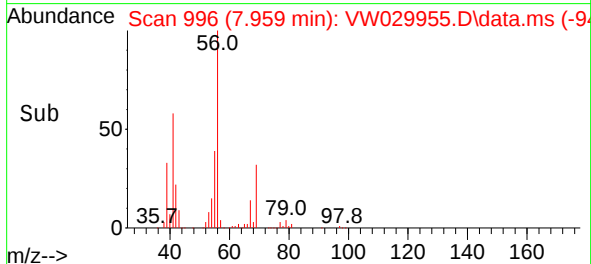
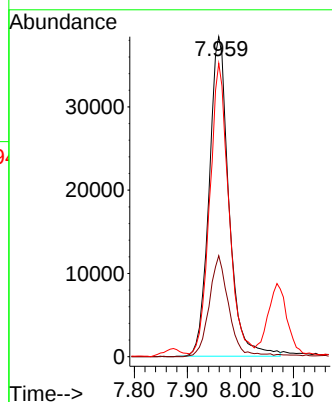
Tgt Ion: 56 Resp: 99755

Ion Ratio Lower Upper

56 100

69 29.9 23.0 34.4

84 87.9 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 16.603 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

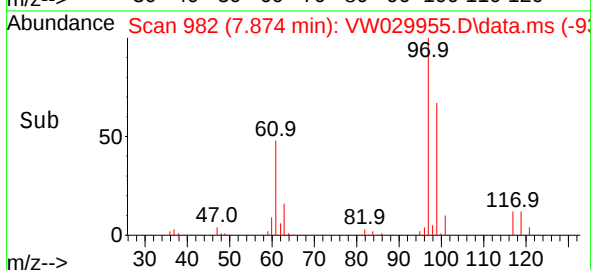
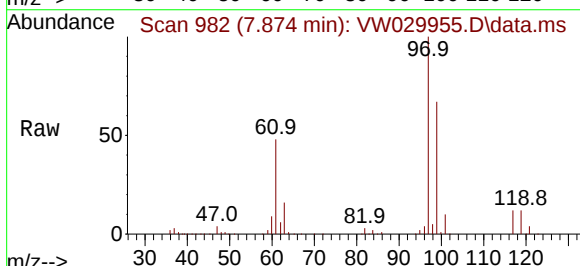
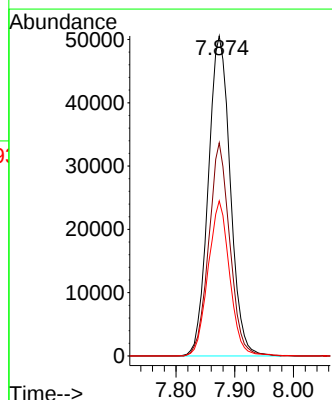
Tgt Ion: 97 Resp: 131404

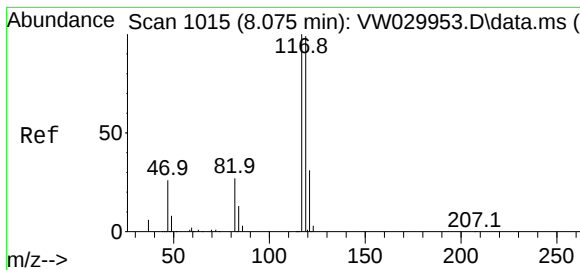
Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 47.4 42.6 63.8

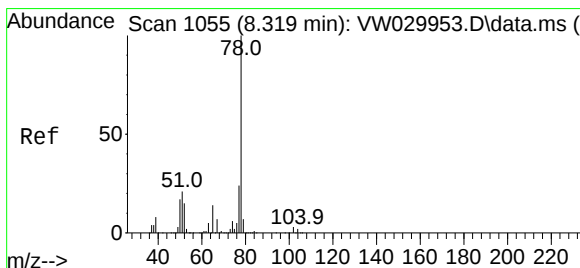
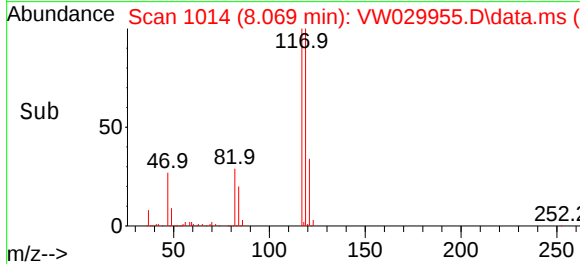
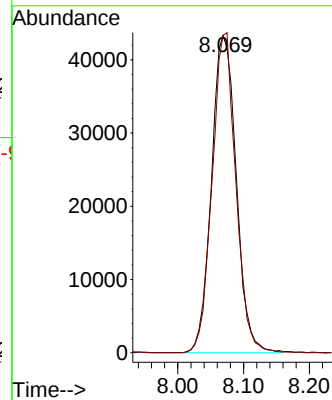
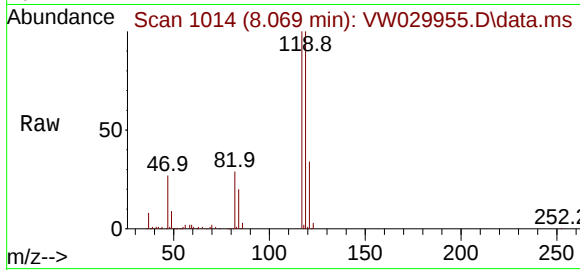




#31
Carbon tetrachloride
Concen: 15.927 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

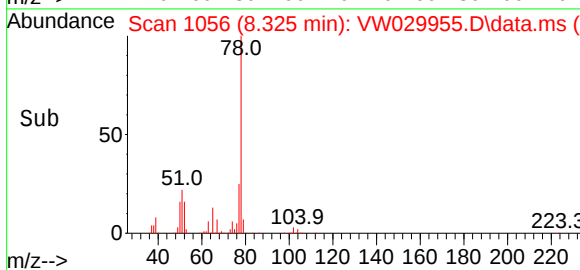
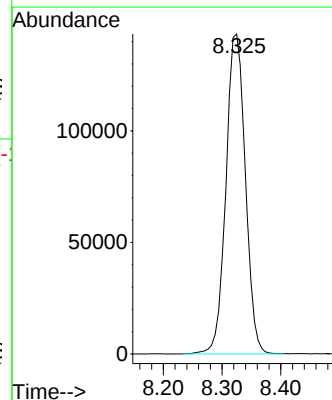
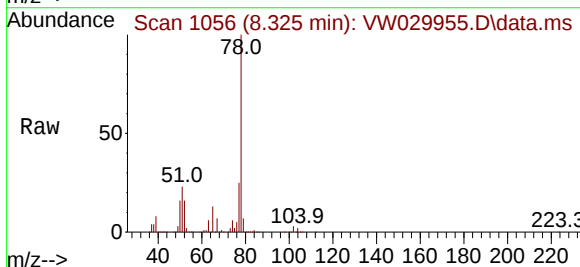
Instrument :
MSVOA_W
ClientSampleId :

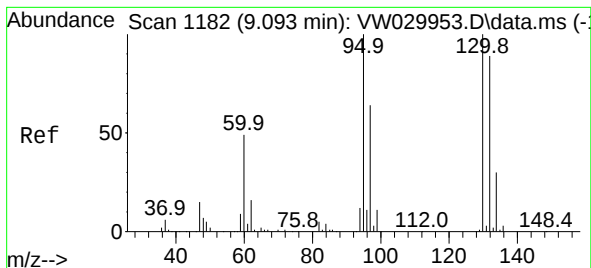
Tgt Ion:117 Resp: 113583
Ion Ratio Lower Upper
117 100
119 96.1 74.8 112.2



#33
Benzene
Concen: 15.422 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion: 78 Resp: 330240





#34

Trichloroethene

Concen: 15.259 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

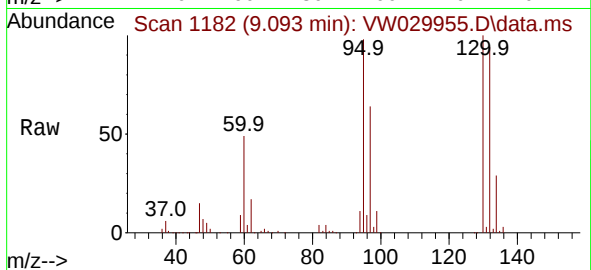
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 85659

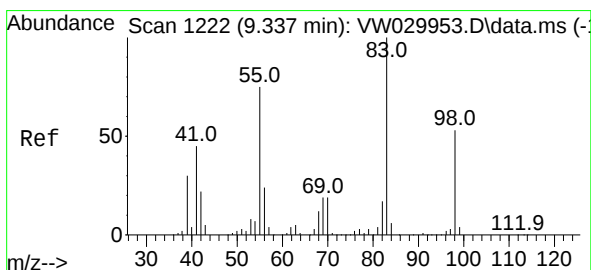
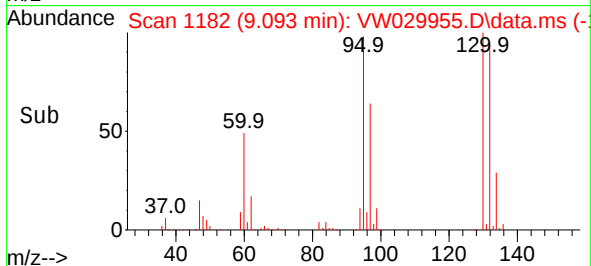
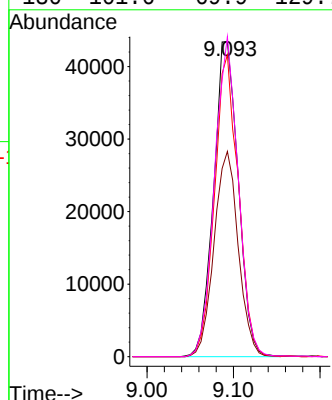
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 95.9 65.2 121.0

130 101.6 69.9 129.7



#35

Methylcyclohexane

Concen: 12.928 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

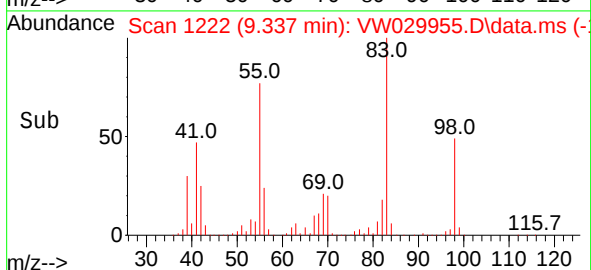
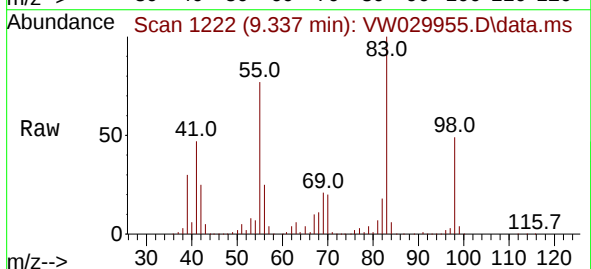
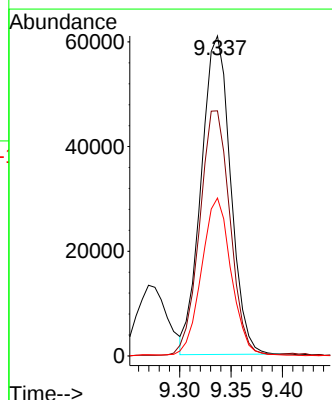
Tgt Ion: 83 Resp: 120927

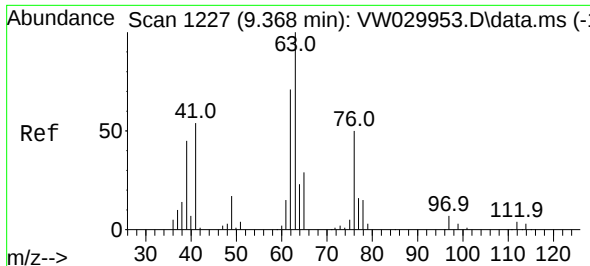
Ion Ratio Lower Upper

83 100

55 80.0 67.4 101.2

98 50.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 14.905 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

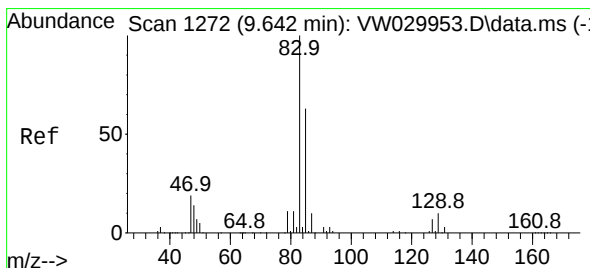
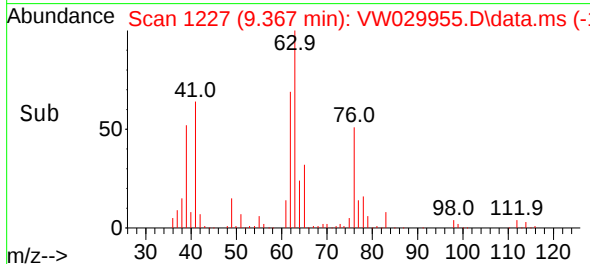
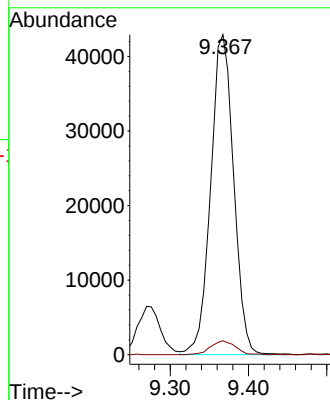
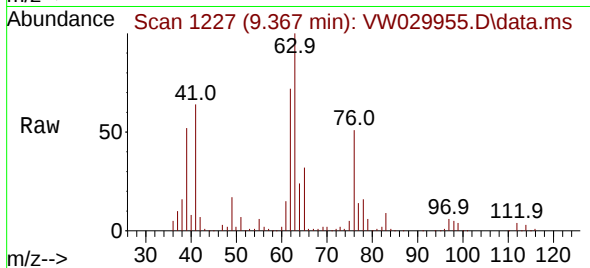
ClientSampleId :

Tgt Ion: 63 Resp: 87466

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9



#38

Bromodichloromethane

Concen: 16.795 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

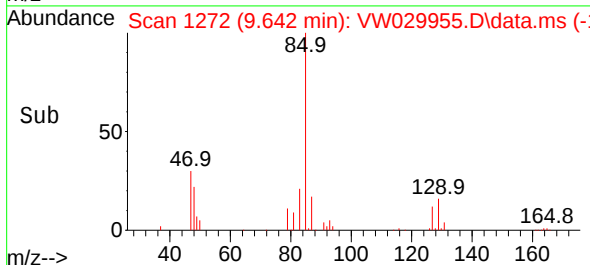
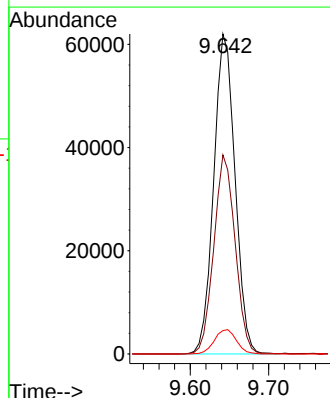
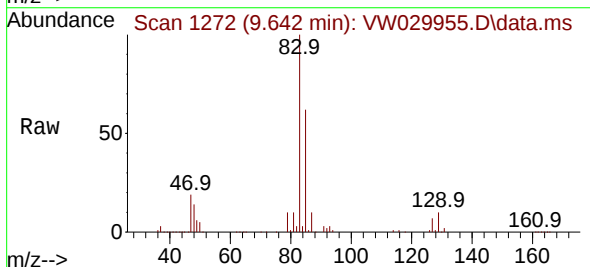
Tgt Ion: 83 Resp: 117365

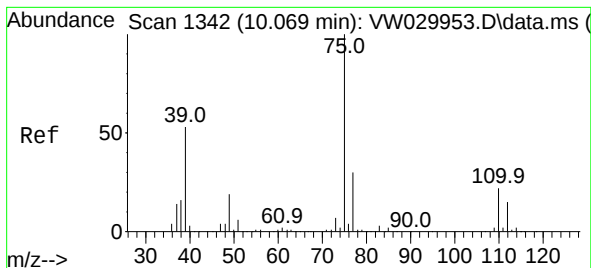
Ion Ratio Lower Upper

83 100

85 62.2 46.6 86.6

127 7.3 5.9 8.9

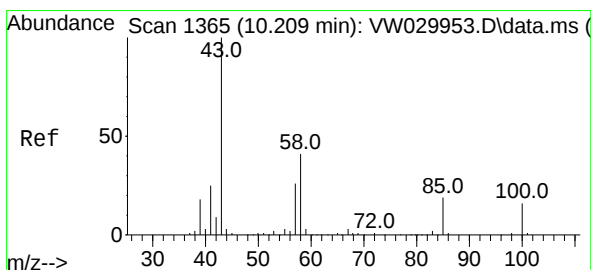
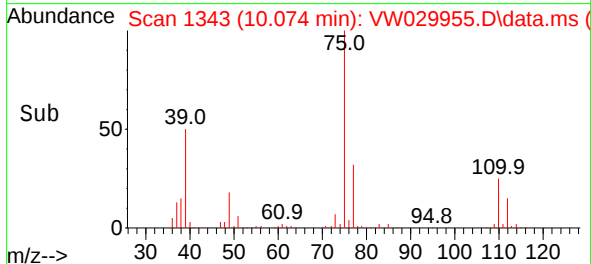
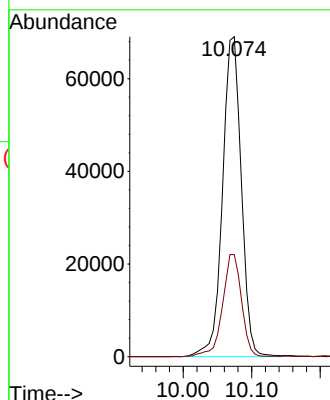
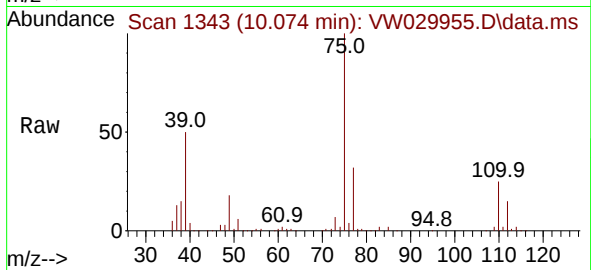




#39
cis-1,3-Dichloropropene
Concen: 15.326 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

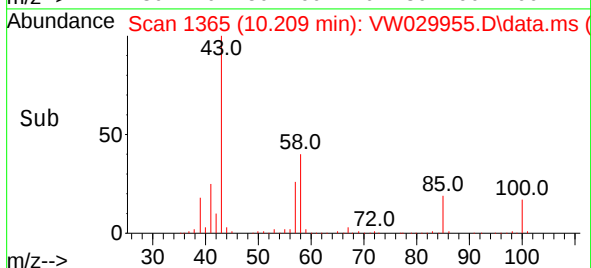
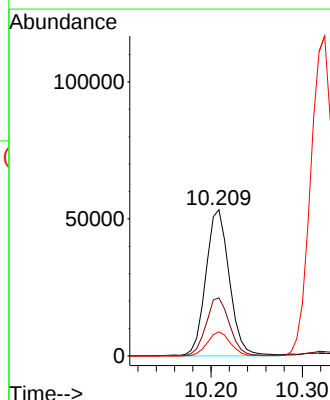
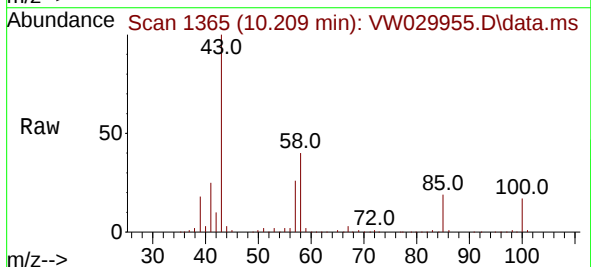
Instrument :
MSVOA_W
ClientSampleId :

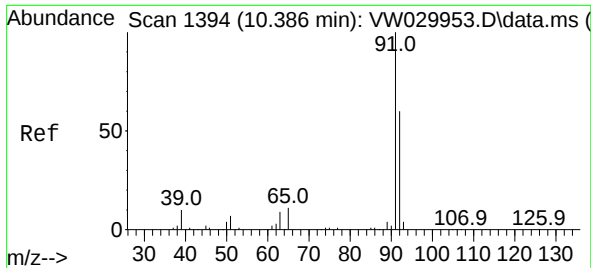
Tgt Ion: 75 Resp: 130980
Ion Ratio Lower Upper
75 100
77 31.9 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 25.554 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion: 43 Resp: 95253
Ion Ratio Lower Upper
43 100
58 40.1 28.7 43.1
100 16.4 10.0 15.0#





#42

Toluene

Concen: 16.351 ug/L

RT: 10.385 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

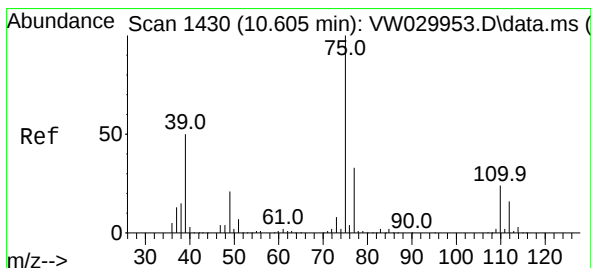
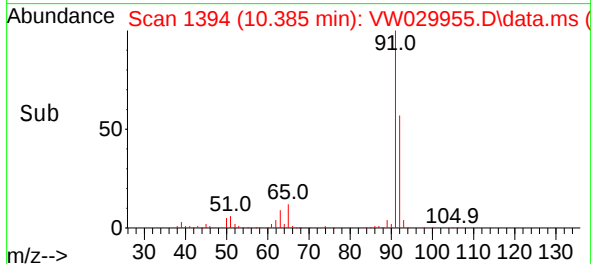
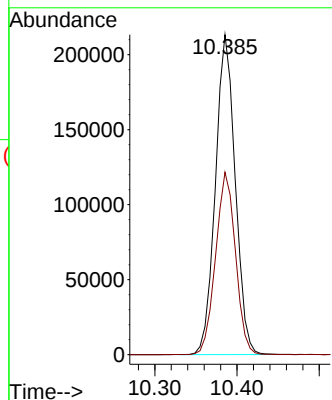
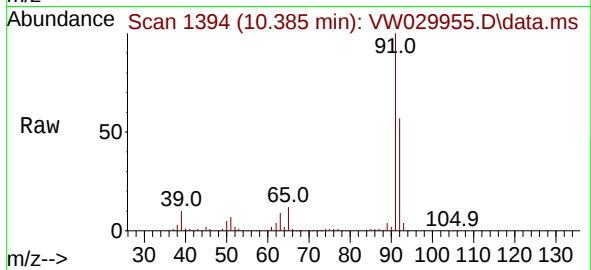
ClientSampleId :

Tgt Ion: 91 Resp: 357402

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 15.623 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029955.D

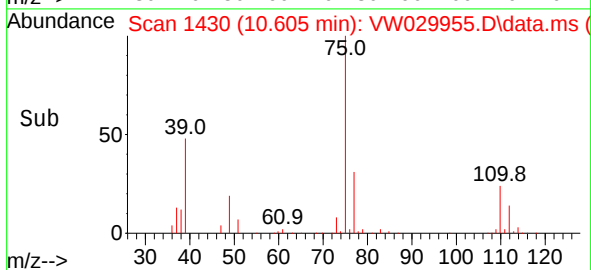
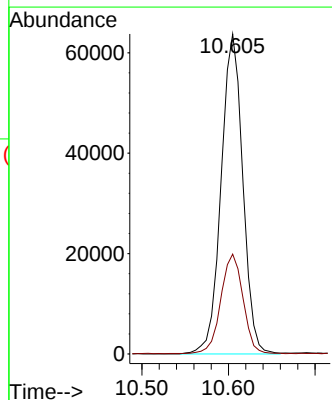
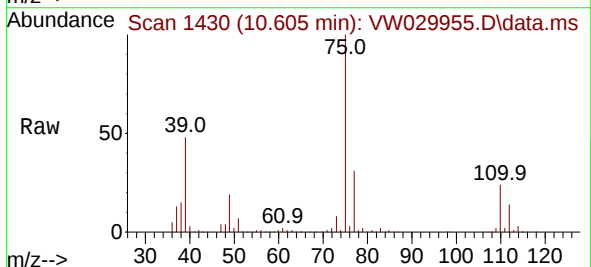
Acq: 20 Aug 2024 13:21

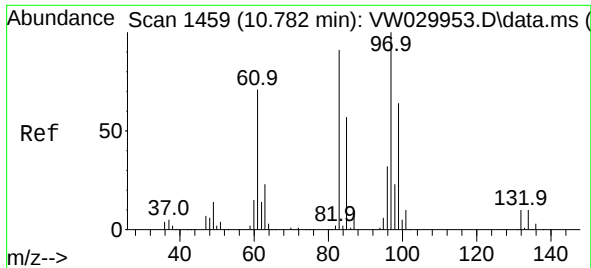
Tgt Ion: 75 Resp: 110838

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 16.174 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

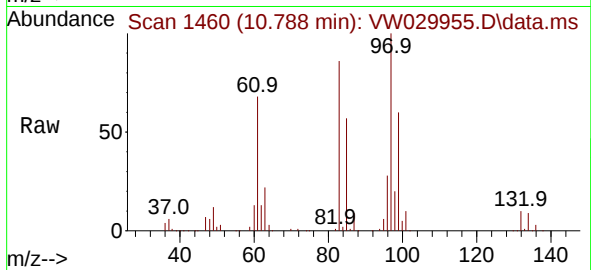
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 63765

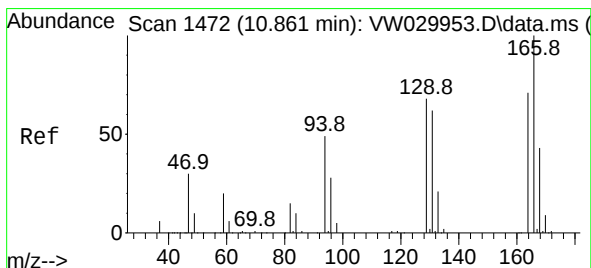
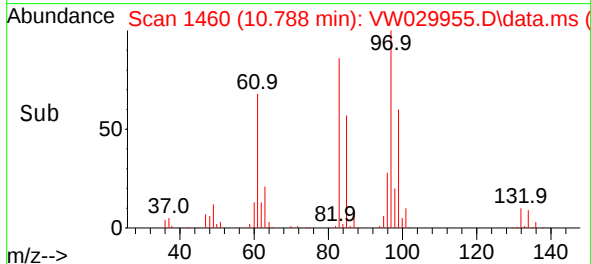
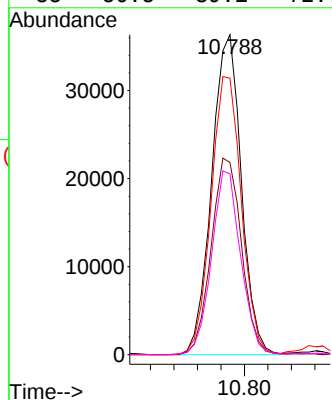
Ion Ratio Lower Upper

97 100

99 60.1 40.1 74.5

83 86.4 58.5 108.7

85 56.5 39.1 72.7



#46

Tetrachloroethene

Concen: 15.452 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Tgt Ion: 164 Resp: 63046

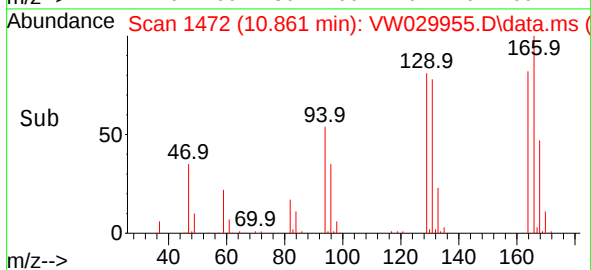
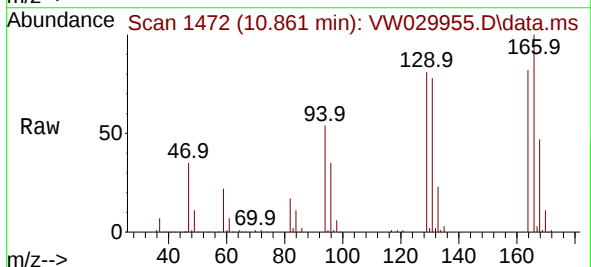
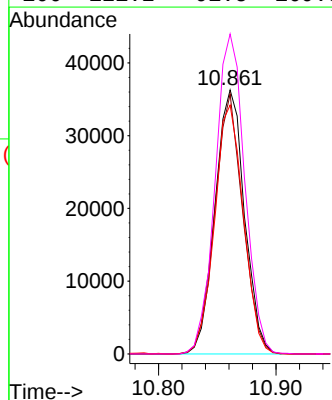
Ion Ratio Lower Upper

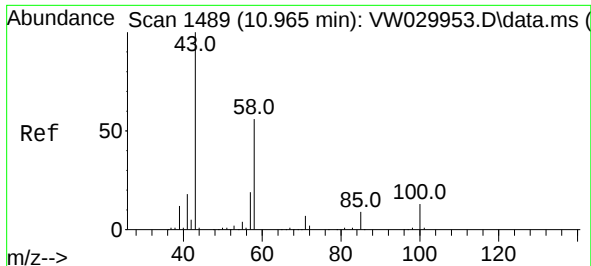
164 100

129 98.4 77.8 144.6

131 94.3 70.9 131.7

166 121.2 91.5 169.9

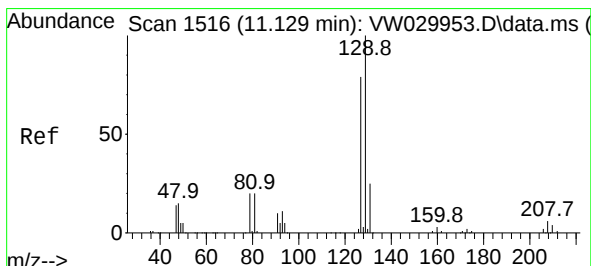
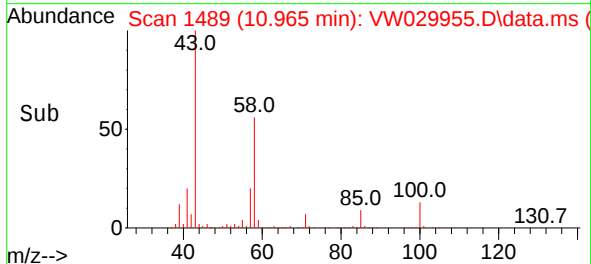
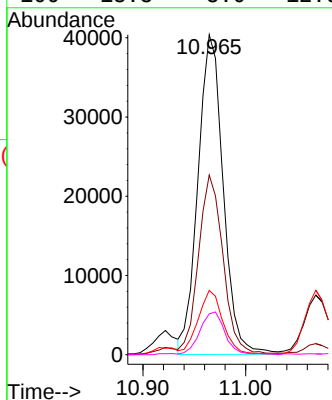
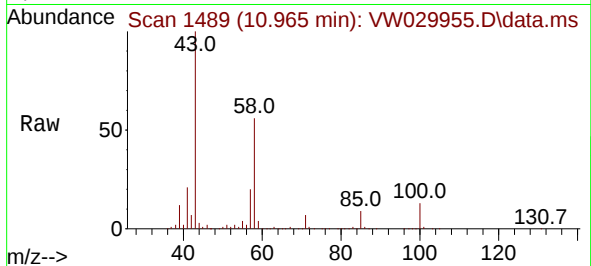




#48
2-Hexanone
Concen: 24.736 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

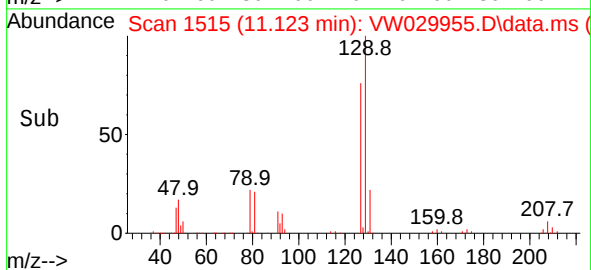
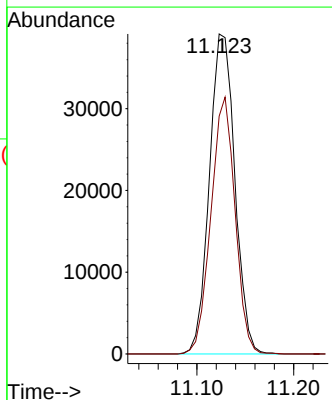
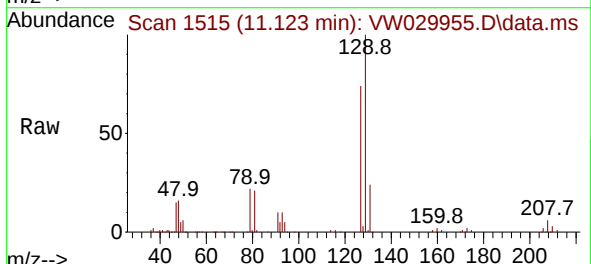
Instrument :
MSVOA_W
ClientSampleId :

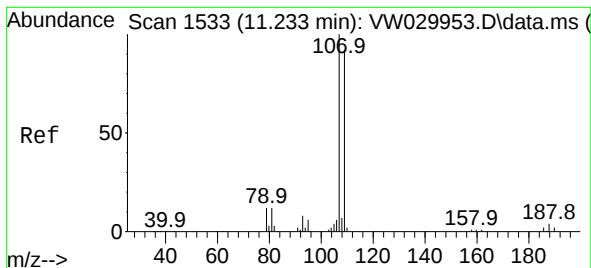
Tgt Ion: 43 Resp: 69056
Ion Ratio Lower Upper
43 100
58 54.9 41.0 61.4
57 20.1 14.1 21.1
100 13.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 17.513 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

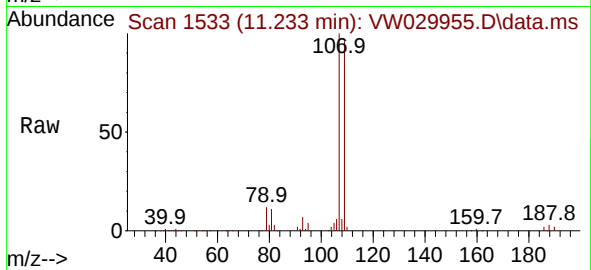
Tgt Ion: 129 Resp: 71674
Ion Ratio Lower Upper
129 100
127 74.3 52.4 97.2



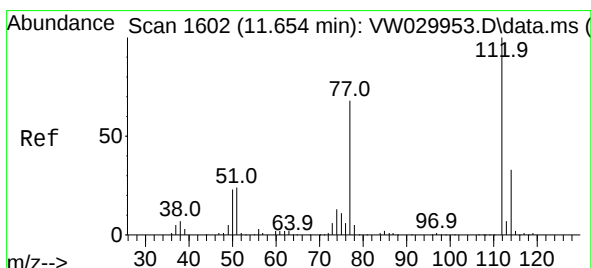
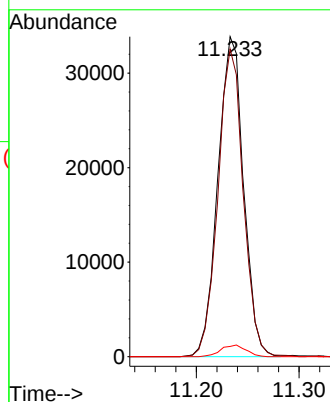
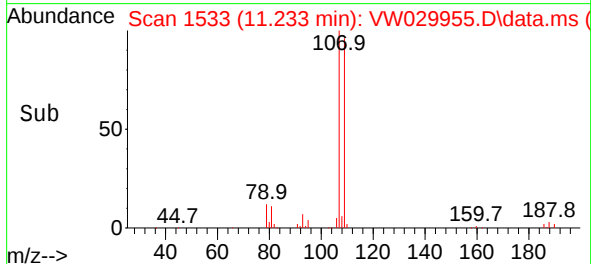


#50
1,2-Dibromoethane
Concen: 16.099 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Instrument :
MSVOA_W
ClientSampleId :

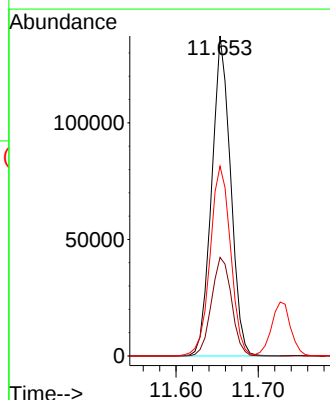
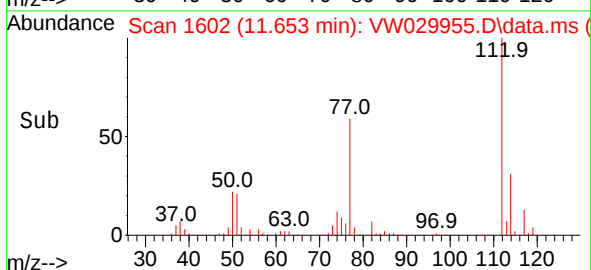
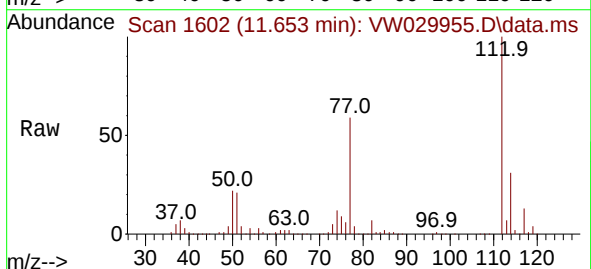


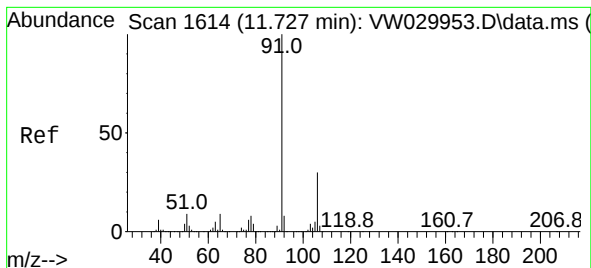
Tgt Ion:107 Resp: 58726
Ion Ratio Lower Upper
107 100
109 96.1 64.8 120.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 16.155 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:112 Resp: 219649
Ion Ratio Lower Upper
112 100
114 30.8 22.0 40.8
77 59.3 53.8 80.8

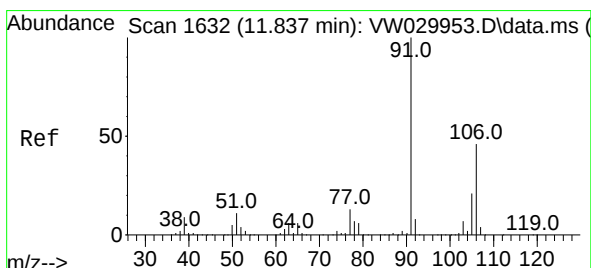
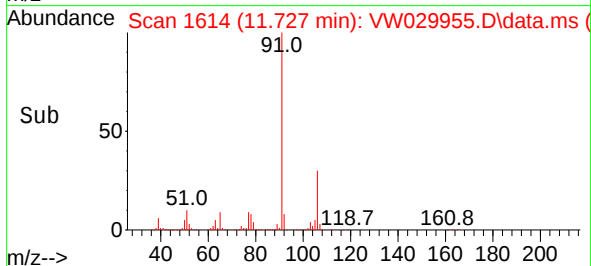
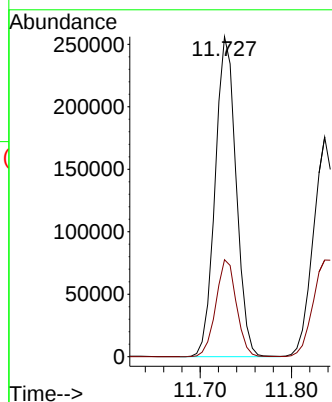
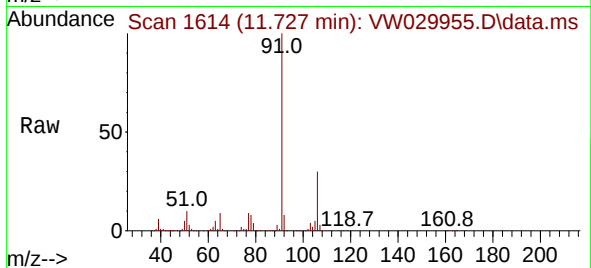




#52
Ethylbenzene
Concen: 16.547 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

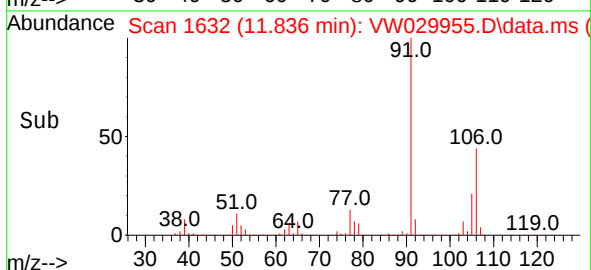
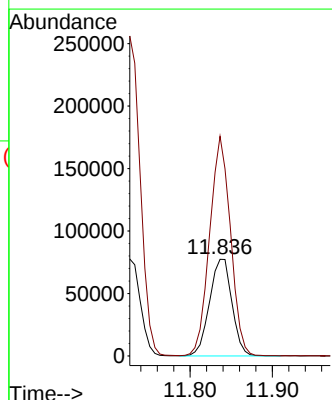
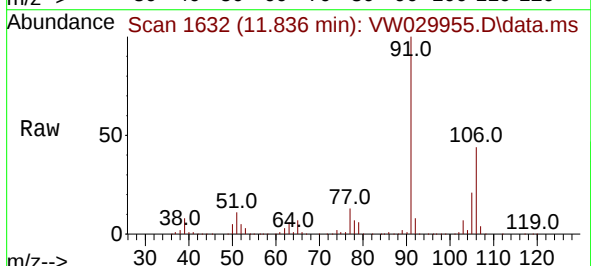
Instrument :
MSVOA_W
ClientSampleId :

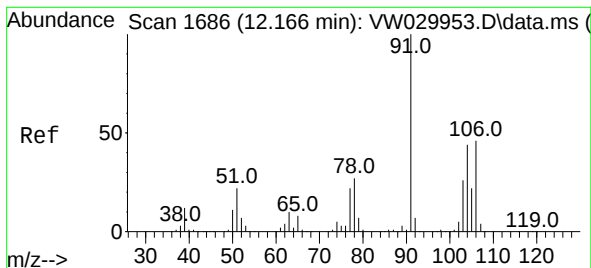
Tgt Ion: 91 Resp: 407994
Ion Ratio Lower Upper
91 100
106 30.3 20.4 38.0



#53
m,p-Xylene
Concen: 16.195 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:106 Resp: 146854
Ion Ratio Lower Upper
106 100
91 227.2 151.4 281.2





#54

o-Xylene

Concen: 16.530 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

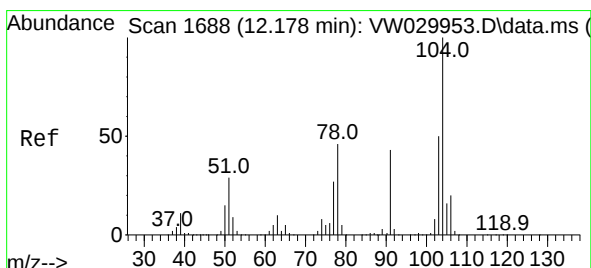
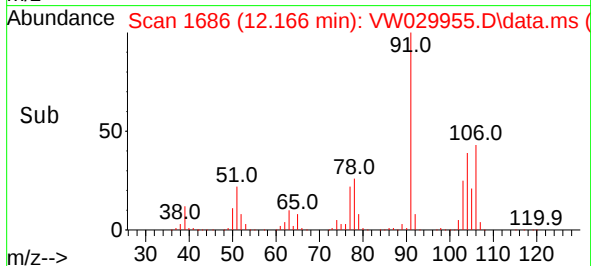
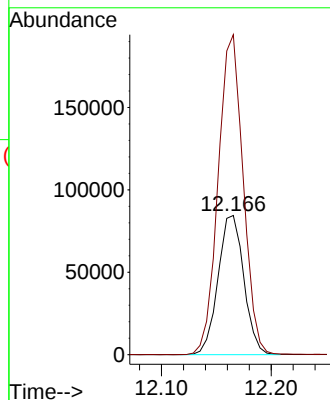
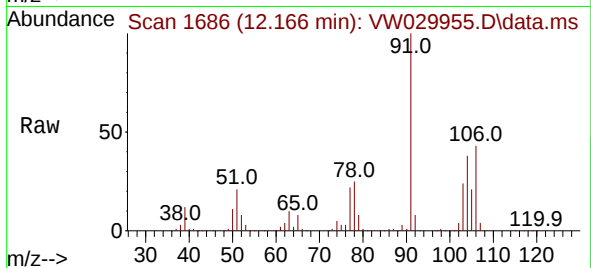
ClientSampleId :

Tgt Ion:106 Resp: 138033

Ion Ratio Lower Upper

106 100

91 230.0 155.8 289.4



#55

Styrene

Concen: 16.518 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029955.D

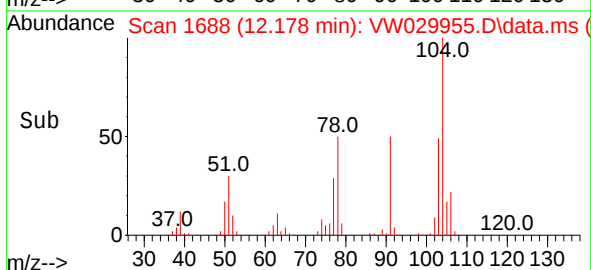
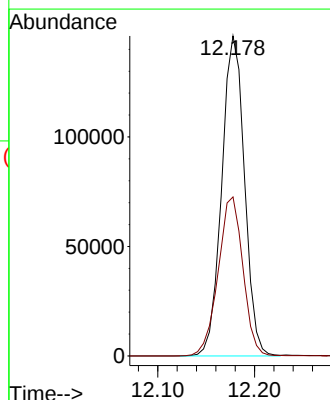
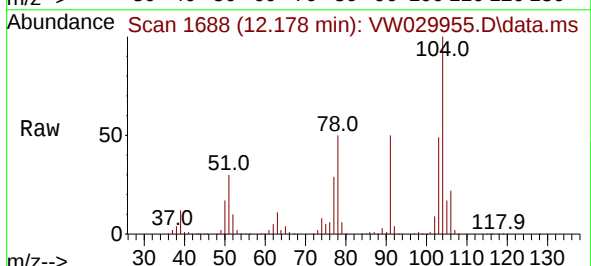
Acq: 20 Aug 2024 13:21

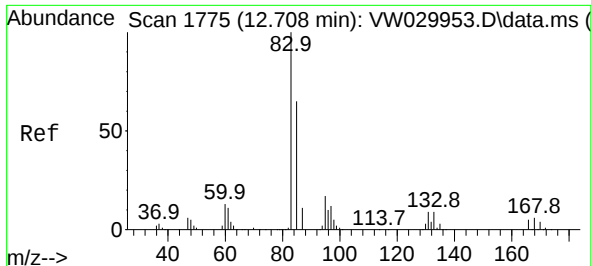
Tgt Ion:104 Resp: 239095

Ion Ratio Lower Upper

104 100

78 49.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 16.354 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029955.D

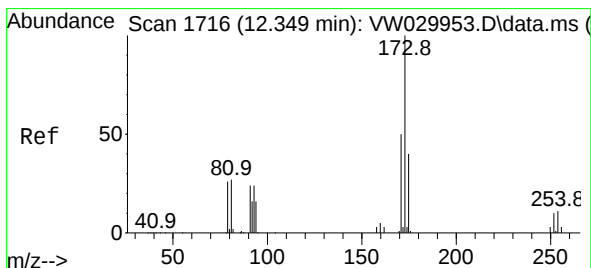
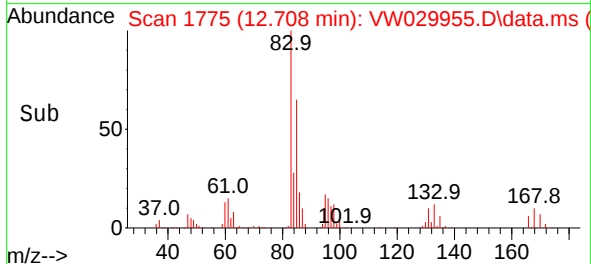
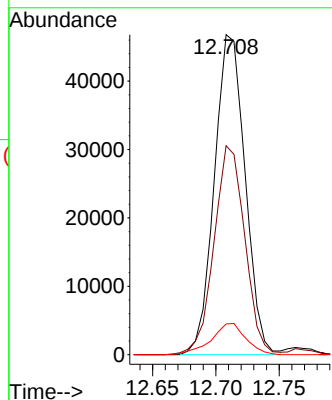
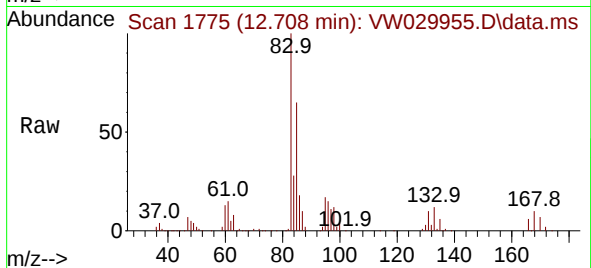
Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	79134
Ion Ratio	Lower	Upper	
83	100		
85	65.3	44.2	82.0
131	9.6	6.2	9.2#



#59

Bromoform

Concen: 18.454 ug/L

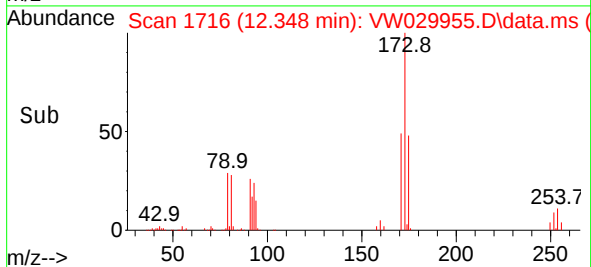
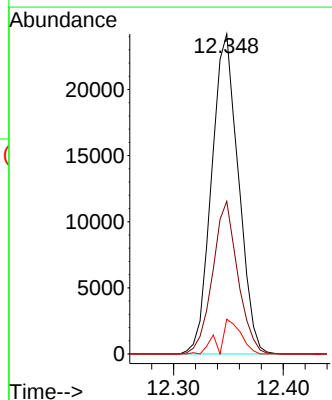
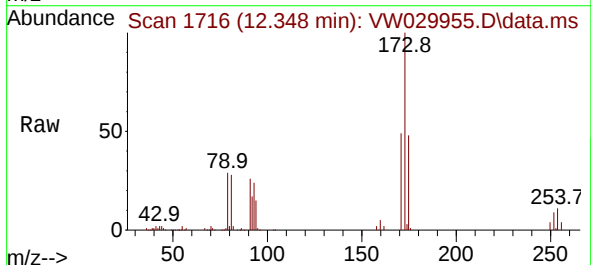
RT: 12.348 min Scan# 1716

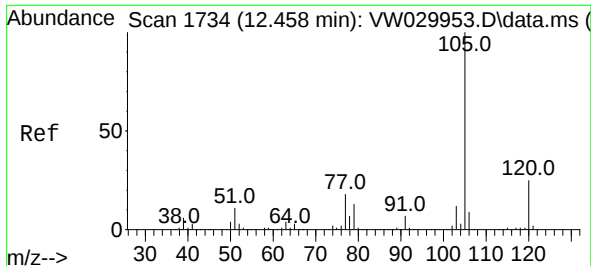
Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Tgt Ion:	173	Resp:	41106
Ion Ratio	Lower	Upper	
173	100		
175	44.9	38.1	57.1
254	6.7	7.8	11.6#





#60

Isopropylbenzene

Concen: 16.788 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :

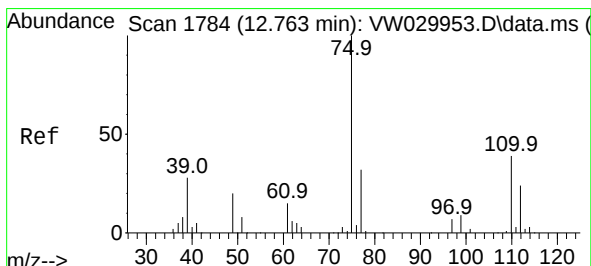
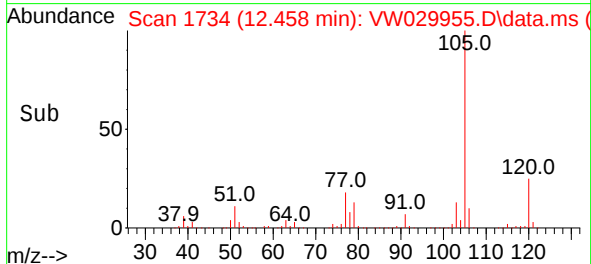
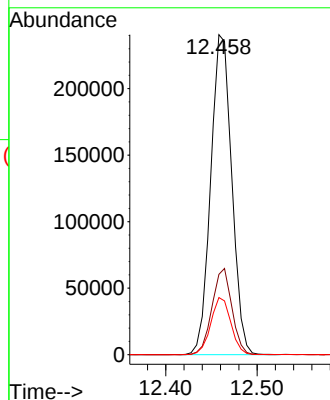
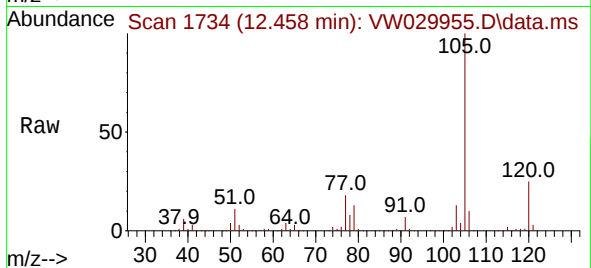
Tgt Ion:105 Resp: 384560

Ion Ratio Lower Upper

105 100

120 25.5 20.3 30.5

77 17.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 15.346 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

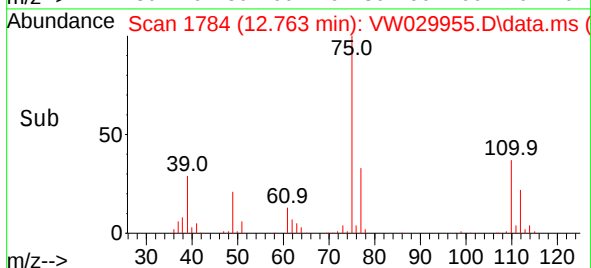
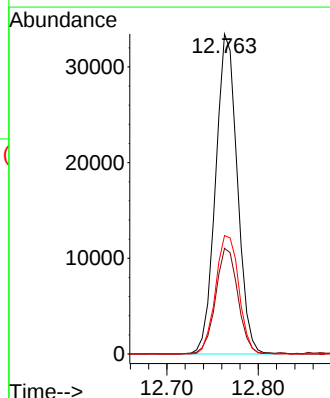
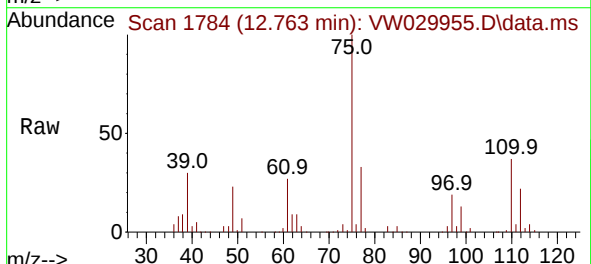
Tgt Ion: 75 Resp: 55250

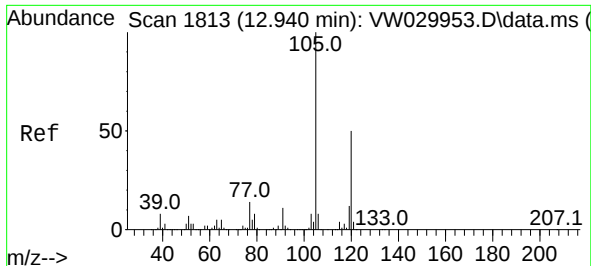
Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.0

110 39.6 28.6 43.0

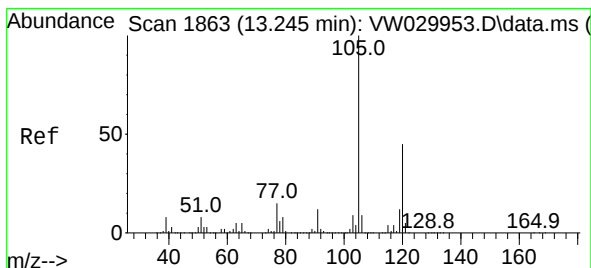
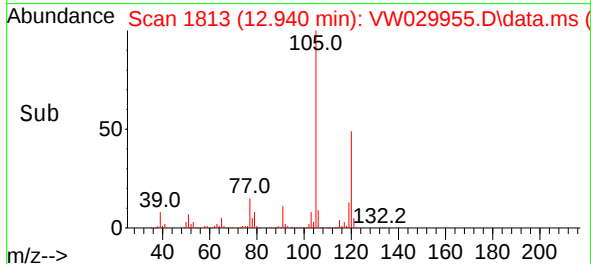
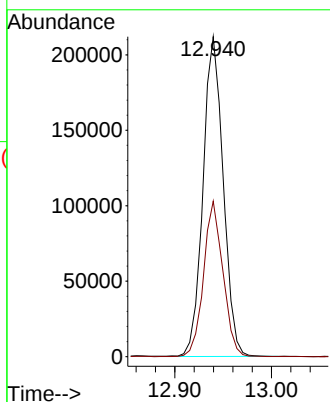
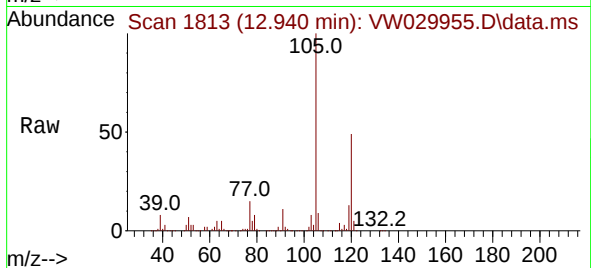




#62
1,3,5-Trimethylbenzene
Concen: 18.100 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

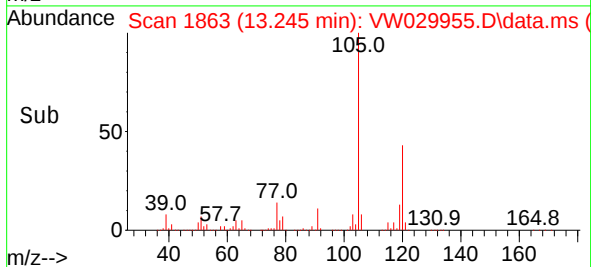
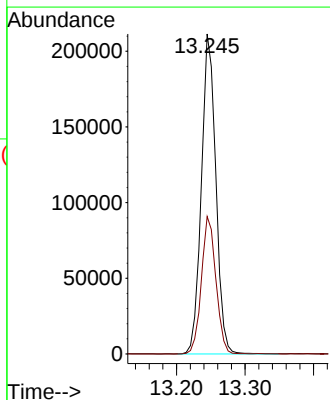
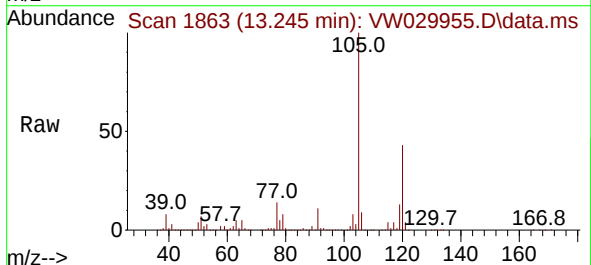
Instrument :
MSVOA_W
ClientSampleId :

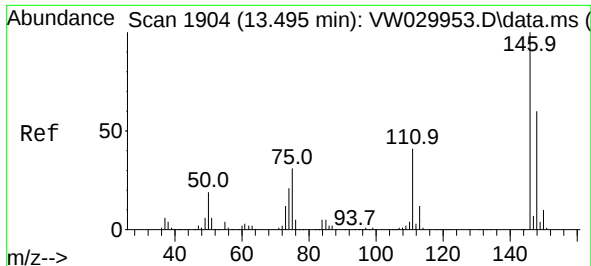
Tgt Ion:105 Resp: 308174
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 17.068 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:105 Resp: 310787
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.0

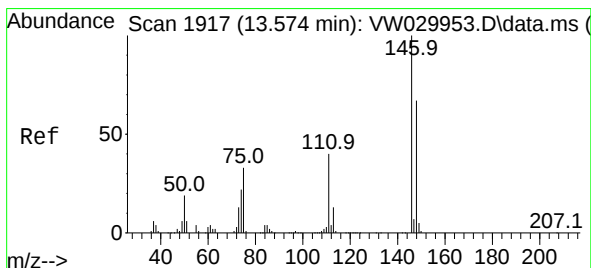
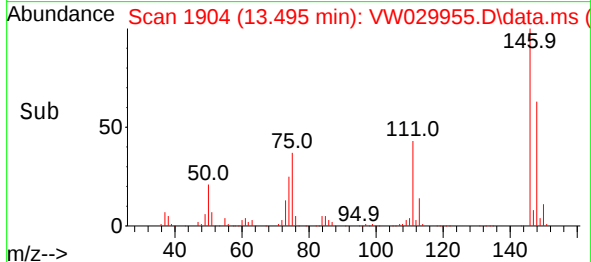
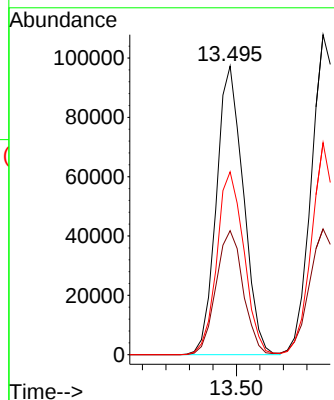
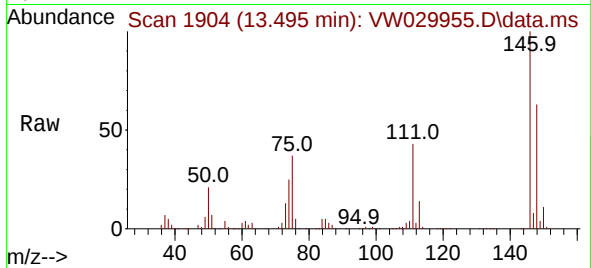




#64
1,3-Dichlorobenzene
Concen: 15.885 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

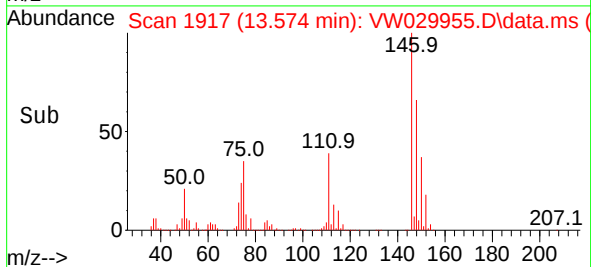
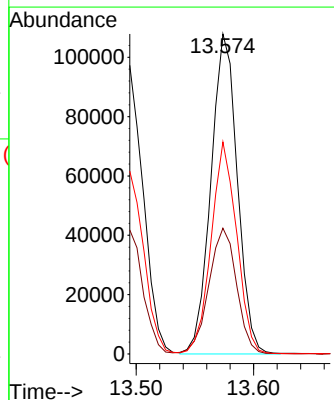
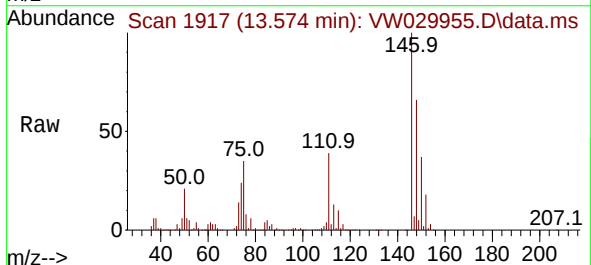
Instrument :
MSVOA_W
ClientSampleId :

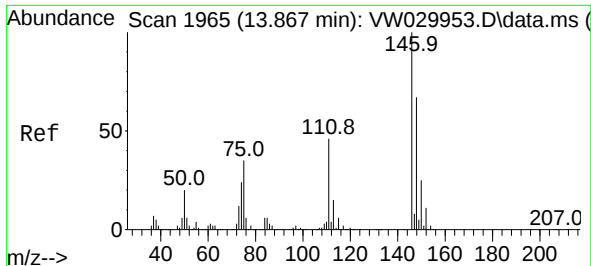
Tgt Ion:146 Resp: 155243
Ion Ratio Lower Upper
146 100
111 43.0 28.7 53.3
148 63.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 16.816 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:146 Resp: 168816
Ion Ratio Lower Upper
146 100
111 39.3 30.1 55.9
148 66.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 16.687 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

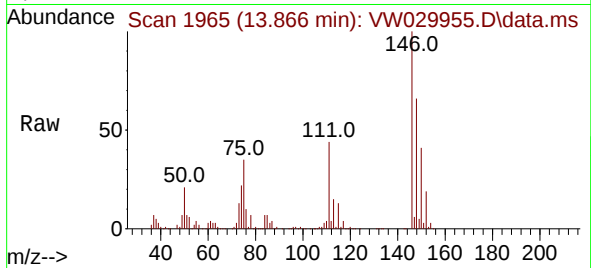
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



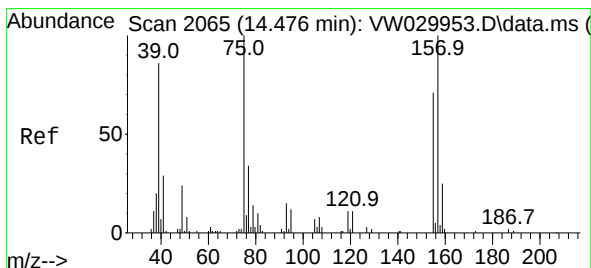
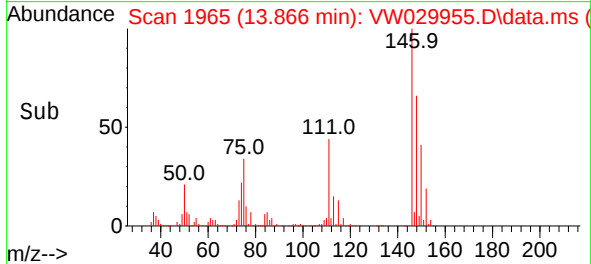
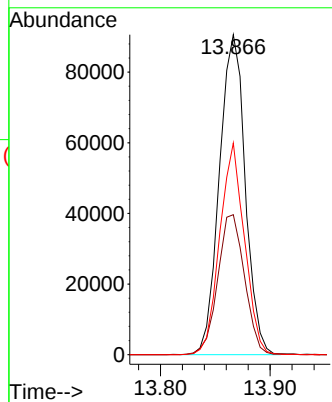
Tgt Ion:146 Resp: 148482

Ion Ratio Lower Upper

146 100

111 43.8 35.8 53.8

148 66.2 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 14.988 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

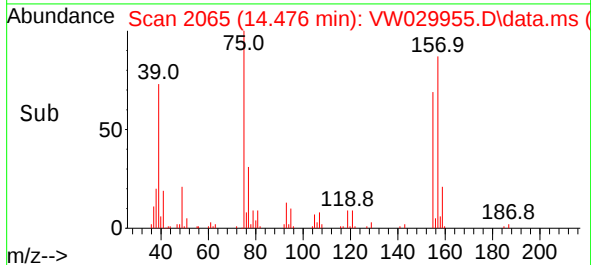
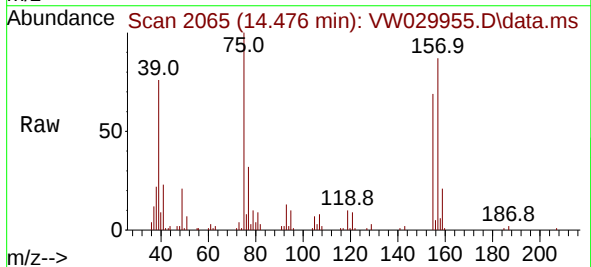
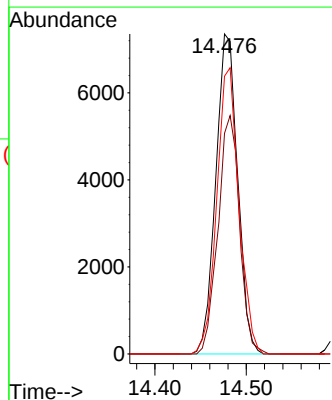
Tgt Ion: 75 Resp: 12252

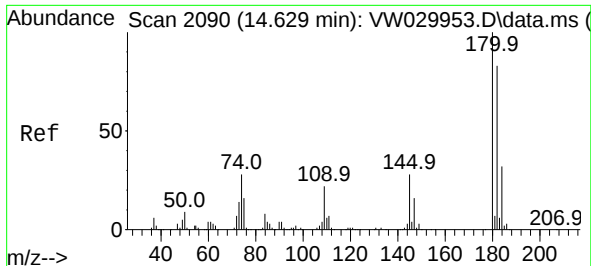
Ion Ratio Lower Upper

75 100

155 69.0 47.8 71.6

157 86.8 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 15.510 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

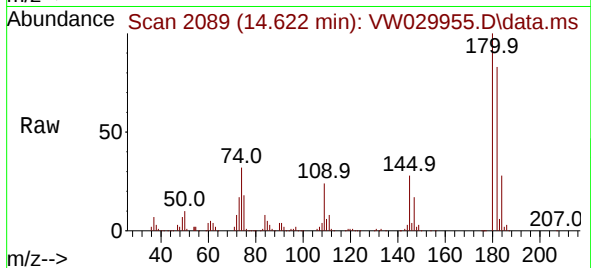
Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 103710

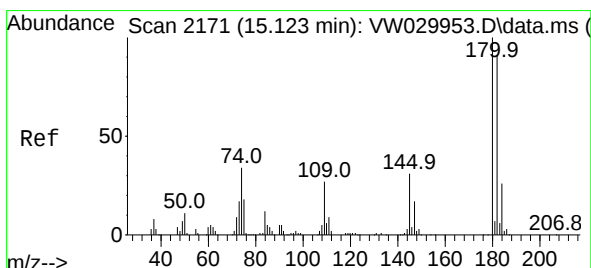
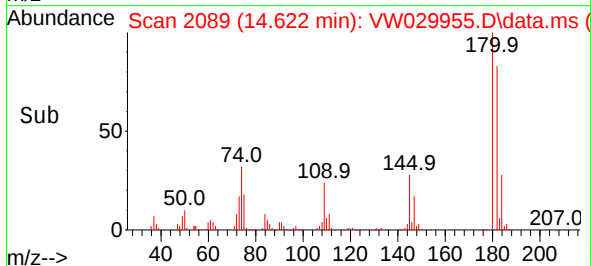
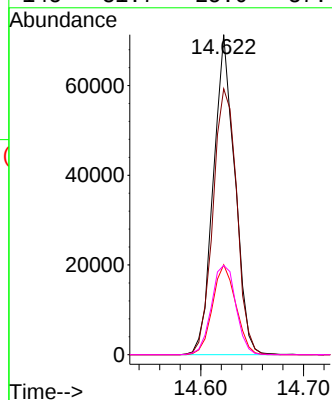
Ion Ratio Lower Upper

180 100

182 91.8 72.7 109.1

184 30.4 23.3 34.9

145 31.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 13.241 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029955.D

Acq: 20 Aug 2024 13:21

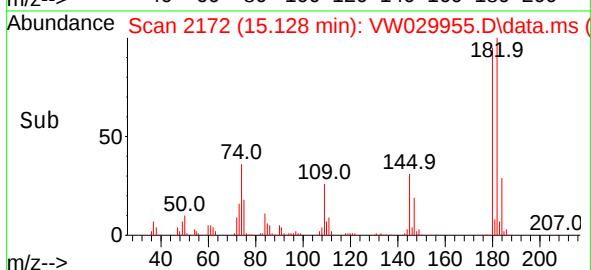
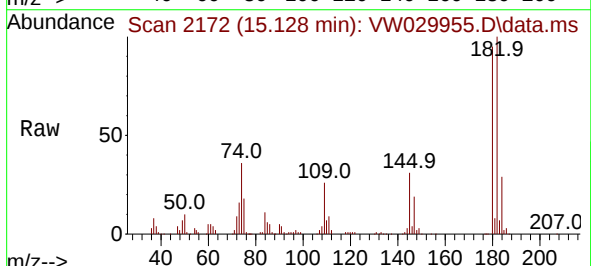
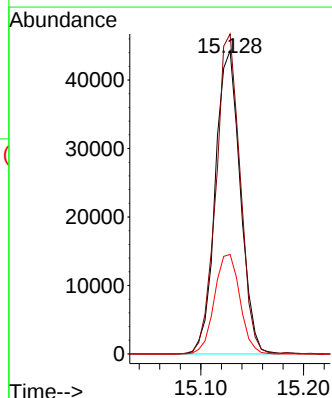
Tgt Ion:180 Resp: 74594

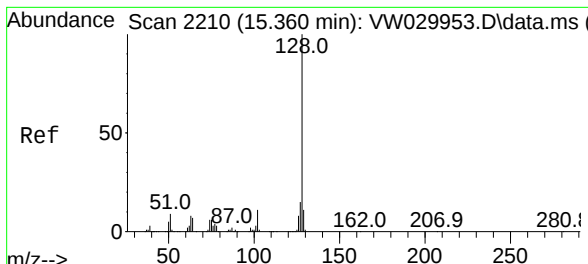
Ion Ratio Lower Upper

180 100

182 102.2 80.2 120.4

145 33.5 26.3 39.5



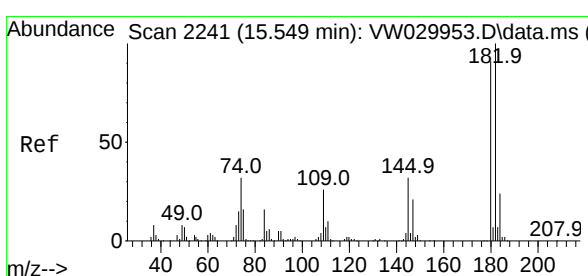
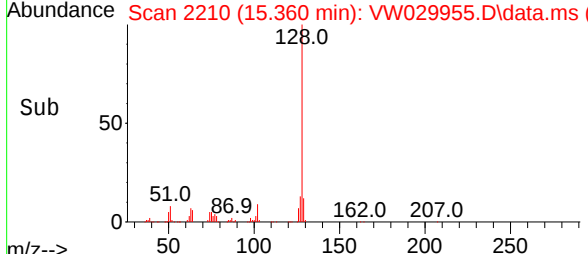
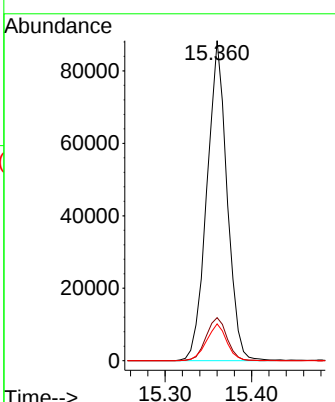
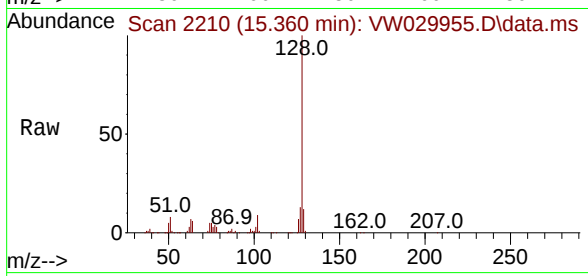


#71
Naphthalene
Concen: 13.284 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 142785

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 14.011 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029955.D
Acq: 20 Aug 2024 13:21

Tgt Ion:180 Resp: 71441

Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.0	111.0
145	33.2	27.5	41.3

