

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029995.D
 Acq On : 22 Aug 2024 18:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:53:40 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	253188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54114	15.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.200%
7) Chloroethane-d5	2.899	69	48245	18.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	4.027	65	25589	15.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.400%
21) 2-Butanone-d5	7.081	46	34494	35.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.020%
24) Chloroform-d	7.648	84	149820	22.859	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	8.307	65	77599	20.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.160%
32) Benzene-d6	8.276	84	259015	19.856	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.440%
36) 1,2-Dichloropropane-d6	9.276	67	80001	19.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.840%
41) Toluene-d8	10.318	98	240851	20.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.040%
43) trans-1,3-Dichloroprop...	10.575	79	33770	20.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.160%
47) 2-Hexanone-d5	10.922	63	26808	39.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70589	22.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	83993	21.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58668	17.190	ug/L	95
3) Chloromethane	2.222	50	68609	16.246	ug/L	98
5) Vinyl chloride	2.375	62	91348	19.305	ug/L	99
6) Bromomethane	2.789	94	59208	22.787	ug/L	99
8) Chloroethane	2.936	64	59354	22.049	ug/L	95
9) Trichlorofluoromethane	3.271	101	94404	24.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90033	23.916	ug/L	95
12) 1,1-Dichloroethene	4.045	96	77600	22.435	ug/L	84
13) Acetone	4.131	43	42995	35.117	ug/L	93
14) Carbon disulfide	4.393	76	200825	17.447	ug/L	99
16) Methylene chloride	4.923	84	105996	20.026	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	87393	23.446	ug/L	89
18) Methyl tert-butyl Ether	5.423	73	141835	23.088	ug/L	97
19) 1,1-Dichloroethane	6.216	63	174237	22.164	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	100547	24.869	ug/L	94
22) 2-Butanone	7.173	43	53180	33.900	ug/L	87
23) Bromochloromethane	7.514	128	45945	26.767	ug/L #	68
25) Chloroform	7.679	83	195967	26.459	ug/L	99
27) 1,2-Dichloroethane	8.398	62	123670	22.912	ug/L	98

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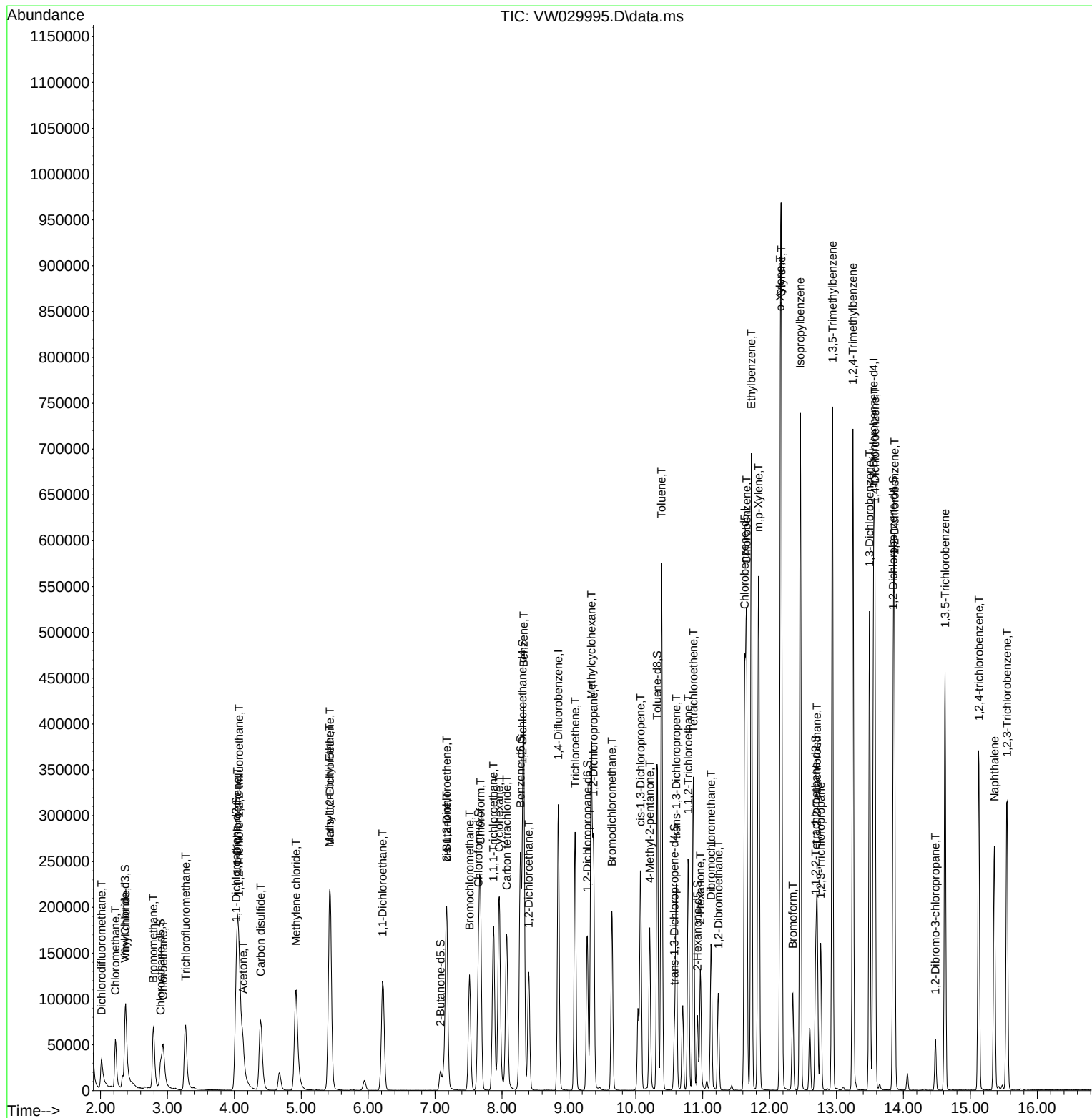
Instrument :
 MSVOA_W
 ClientSampleId :

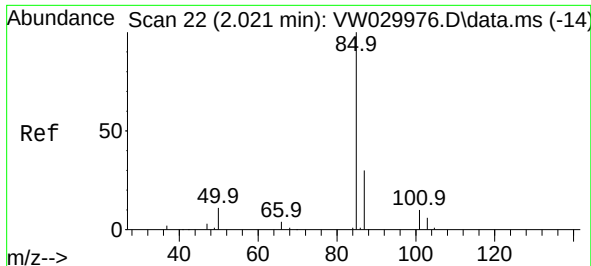
Quant Time: Aug 23 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	120496	17.563	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	151123	24.718	ug/L	94
31) Carbon tetrachloride	8.069	117	133683	24.266	ug/L	95
33) Benzene	8.325	78	382334	23.113	ug/L	100
34) Trichloroethene	9.093	95	102313	23.594	ug/L	97
35) Methylcyclohexane	9.337	83	148622	20.568	ug/L	95
37) 1,2-Dichloropropane	9.367	63	100402	22.148	ug/L #	97
38) Bromodichloromethane	9.642	83	134434	24.904	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	150346	22.774	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	109300	37.960	ug/L #	89
42) Toluene	10.386	91	418513	24.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	125625	22.922	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	79324	26.047	ug/L	98
46) Tetrachloroethene	10.861	164	76514	24.276	ug/L	90
48) 2-Hexanone	10.965	43	79703	36.959	ug/L #	92
49) Dibromochloromethane	11.123	129	85135	26.929	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72687	25.796	ug/L	99
51) Chlorobenzene	11.654	112	259401	24.698	ug/L	94
52) Ethylbenzene	11.727	91	475202	24.950	ug/L	96
53) m,p-Xylene	11.836	106	176932	25.259	ug/L	87
54) o-Xylene	12.160	106	162699	25.223	ug/L	87
55) Styrene	12.178	104	295034	26.387	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	94052	25.162	ug/L #	97
59) Bromoform	12.349	173	47006	25.127	ug/L #	94
60) Isopropylbenzene	12.458	105	462958	24.064	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	67266	22.246	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	384054	26.857	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	378077	24.722	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	212852	25.932	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	213690	25.345	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	184564	24.698	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14510	21.134	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	136582	24.321	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	114641	24.231	ug/L	99
71) Naphthalene	15.360	128	224209	24.836	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108497	25.337	ug/L	98

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

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Response via : Initial Calibration

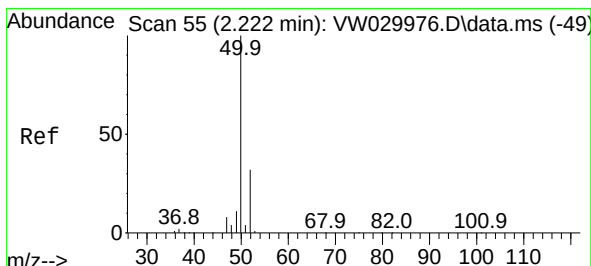
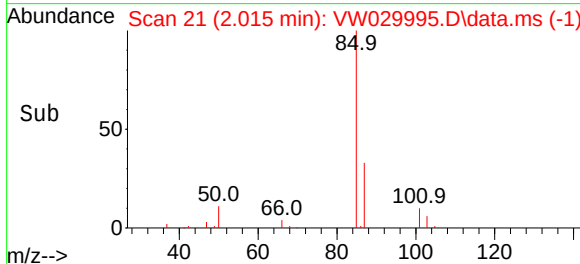
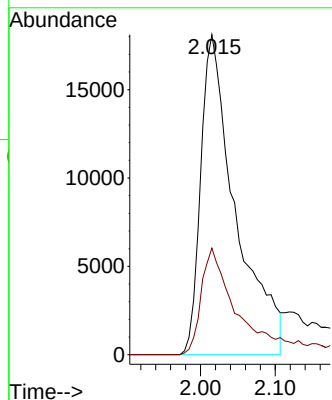
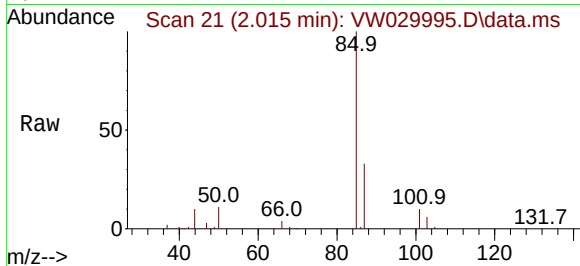




#2
Dichlorodifluoromethane
Concen: 17.190 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

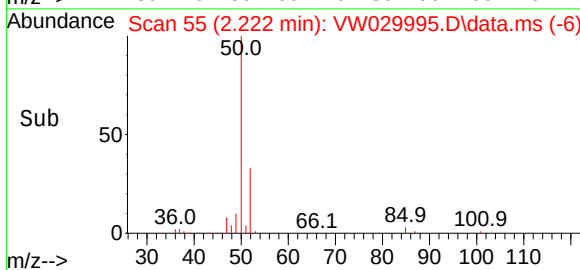
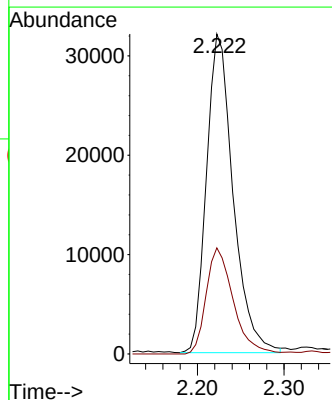
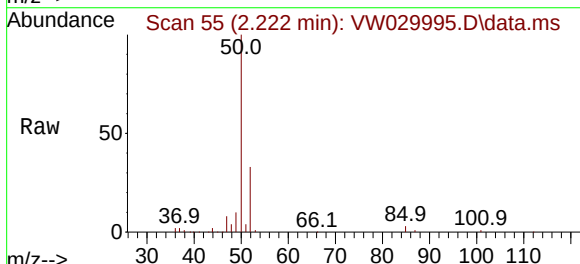
Instrument :
MSVOA_W
ClientSampleId :

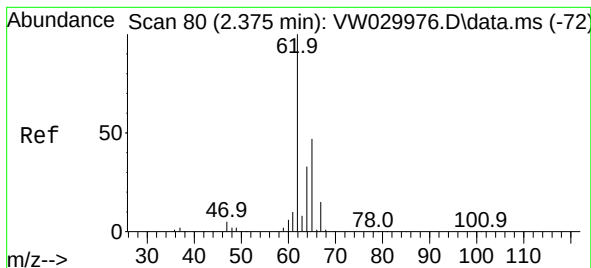
Tgt Ion: 85 Resp: 58668
Ion Ratio Lower Upper
85 100
87 29.1 25.5 38.3



#3
Chloromethane
Concen: 16.246 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Tgt Ion: 50 Resp: 68609
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9





#5

Vinyl chloride

Concen: 19.305 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

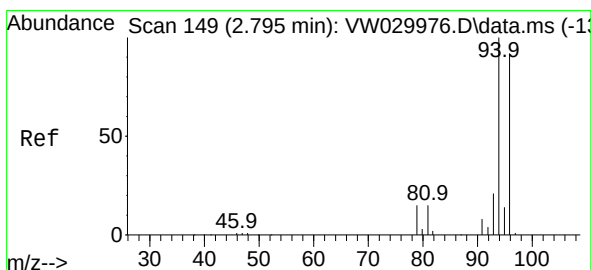
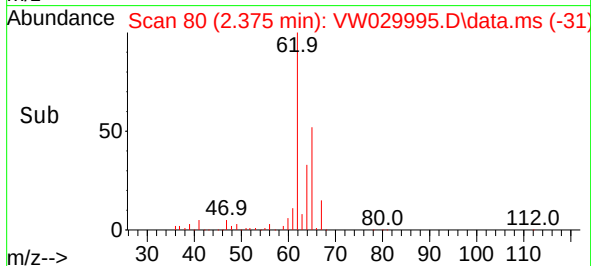
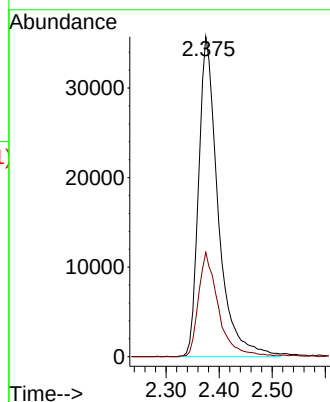
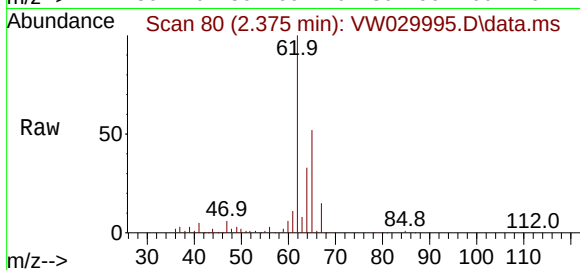
ClientSampleId :

Tgt Ion: 62 Resp: 91348

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.2



#6

Bromomethane

Concen: 22.787 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW029995.D

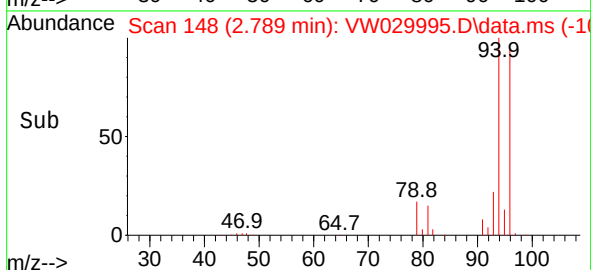
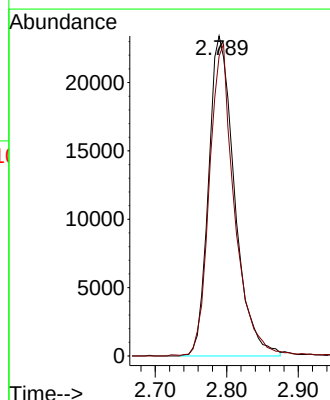
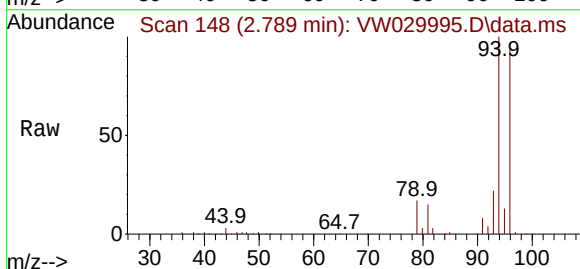
Acq: 22 Aug 2024 18:13

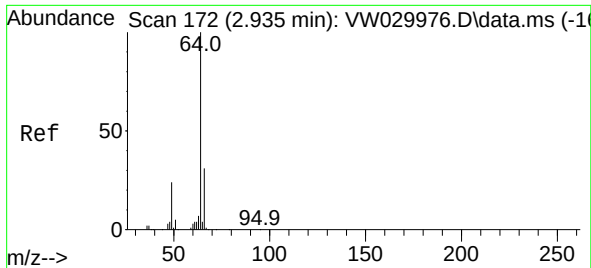
Tgt Ion: 94 Resp: 59208

Ion Ratio Lower Upper

94 100

96 93.6 66.2 123.0

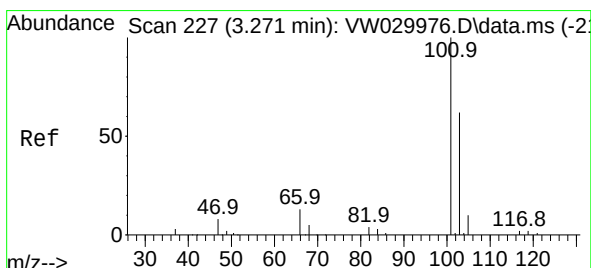
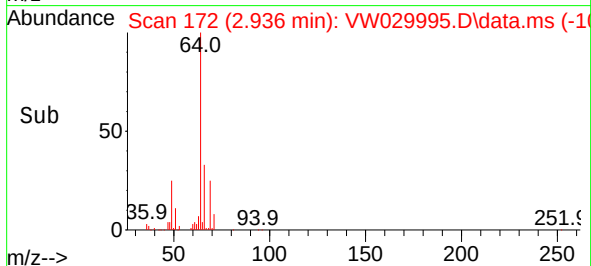
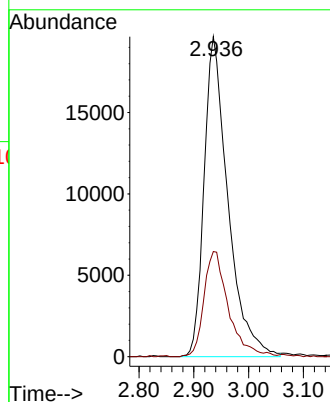
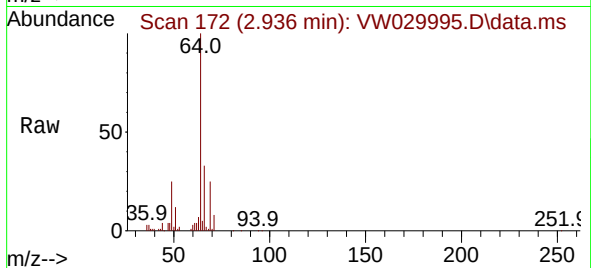




#8
Chloroethane
Concen: 22.049 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

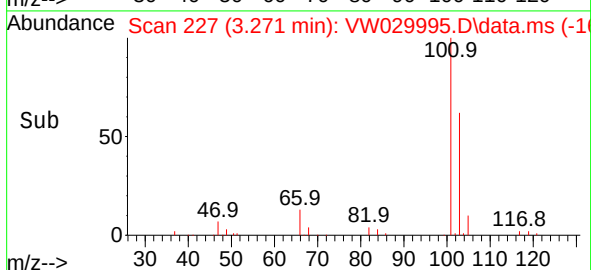
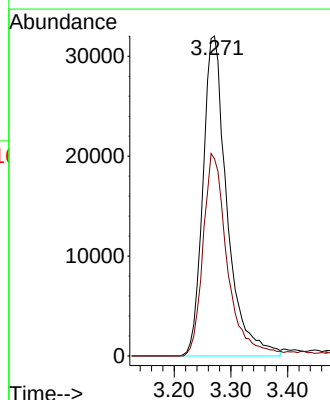
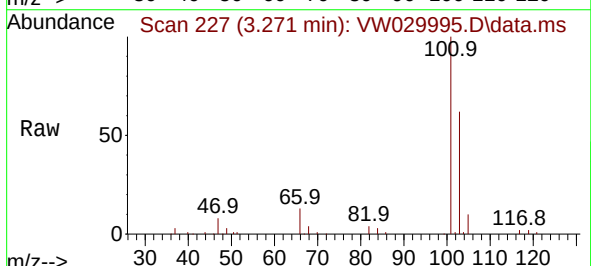
Instrument :
MSVOA_W
ClientSampleId :

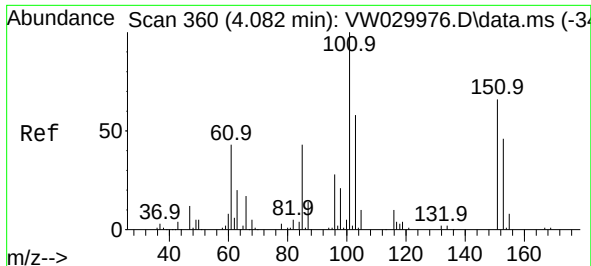
Tgt Ion: 64 Resp: 59354
Ion Ratio Lower Upper
64 100
66 32.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 24.977 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Tgt Ion:101 Resp: 94404
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4





#10

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

Concen: 23.916 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

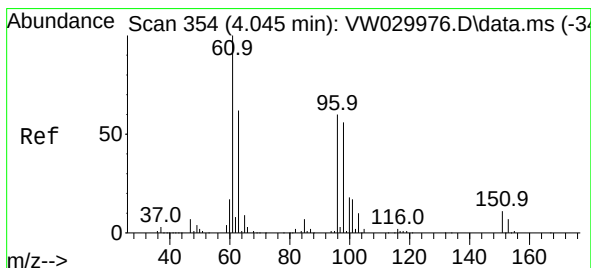
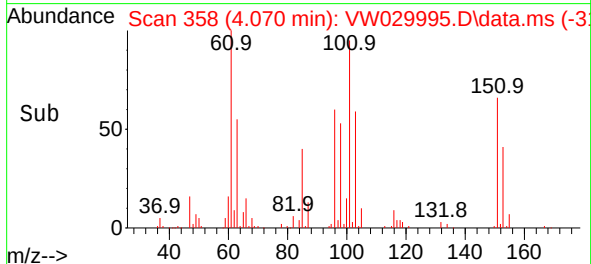
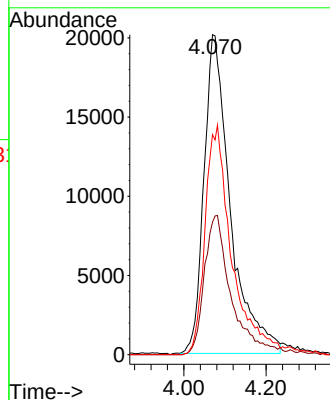
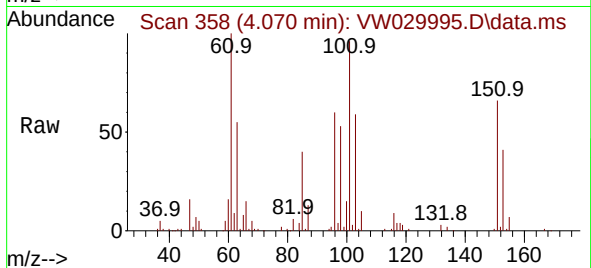
Tgt Ion:101 Resp: 90033

Ion Ratio Lower Upper

101 100

85 39.7 34.2 51.4

151 71.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 22.435 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

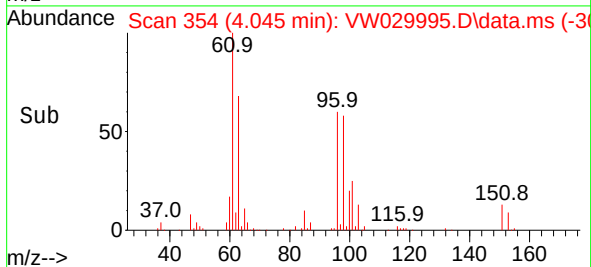
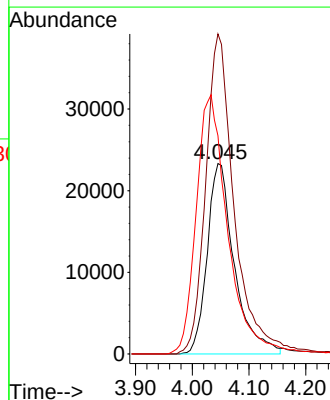
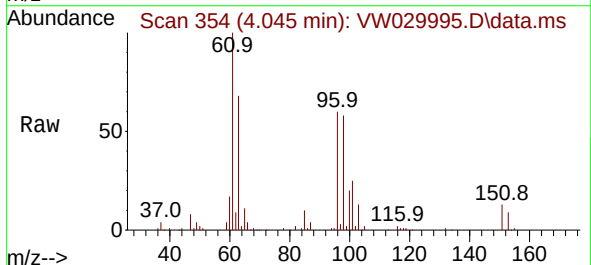
Tgt Ion: 96 Resp: 77600

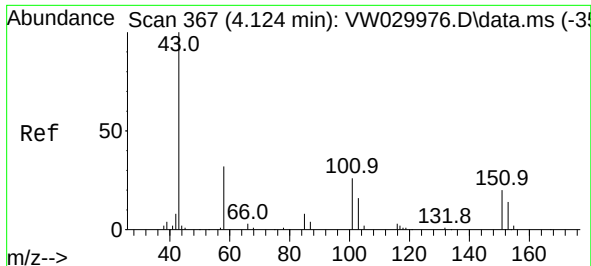
Ion Ratio Lower Upper

96 100

61 168.0 138.3 256.9

63 114.6 89.0 165.4

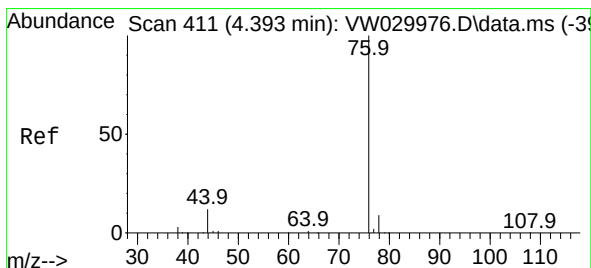
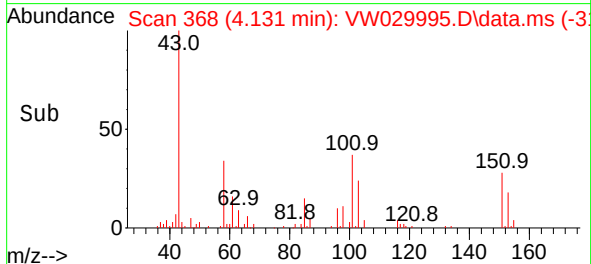
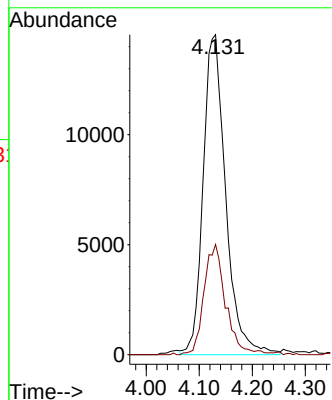
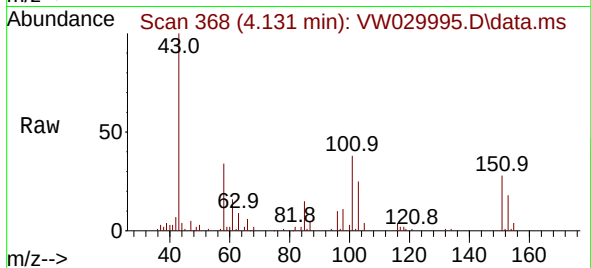




#13
Acetone
Concen: 35.117 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

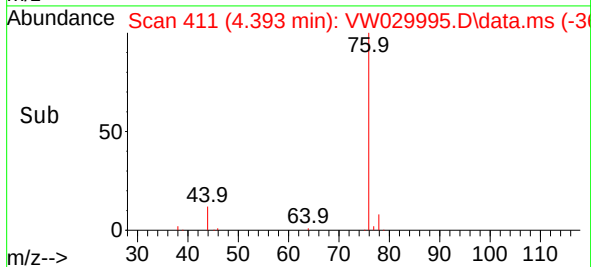
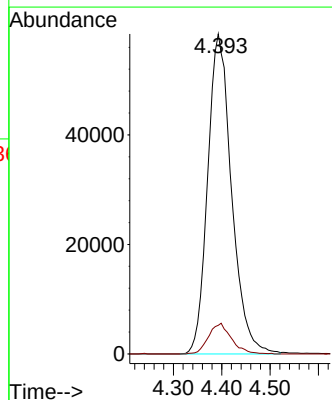
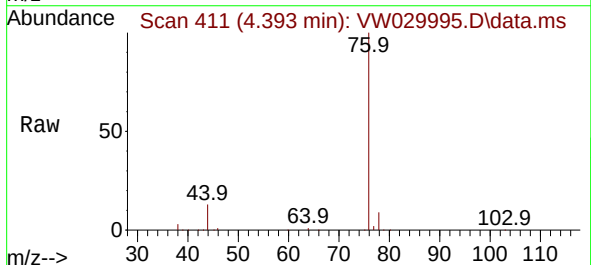
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ClientSampleId :

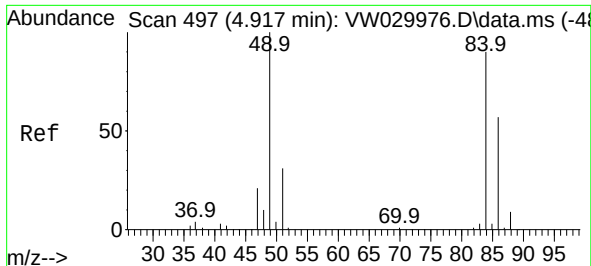
Tgt Ion: 43 Resp: 42995
Ion Ratio Lower Upper
43 100
58 32.5 0.0 57.6



#14
Carbon disulfide
Concen: 17.447 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Tgt Ion: 76 Resp: 200825
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

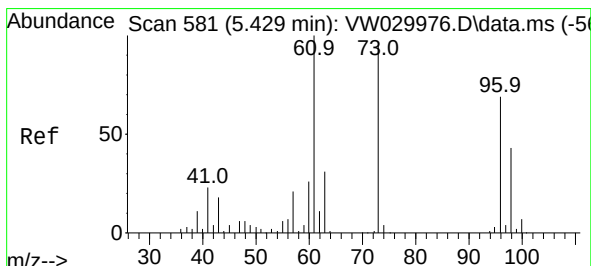
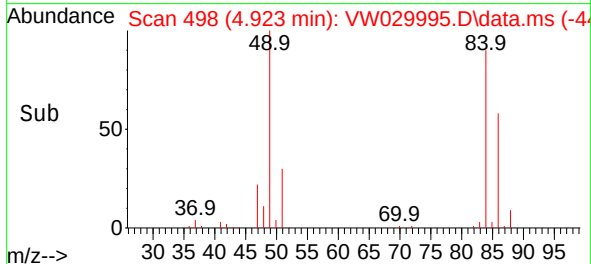
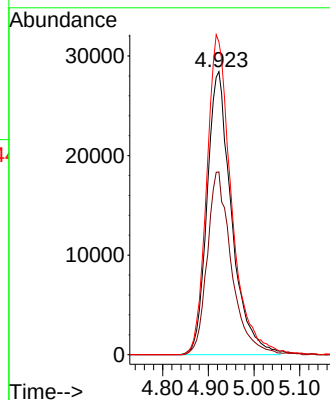
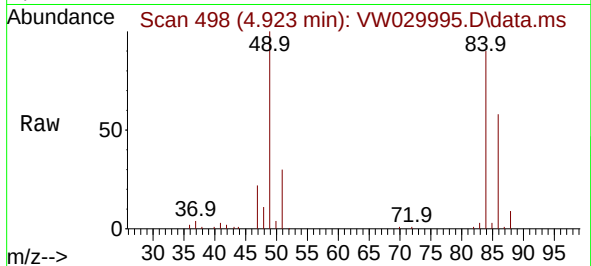




#16
Methylene chloride
Concen: 20.026 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

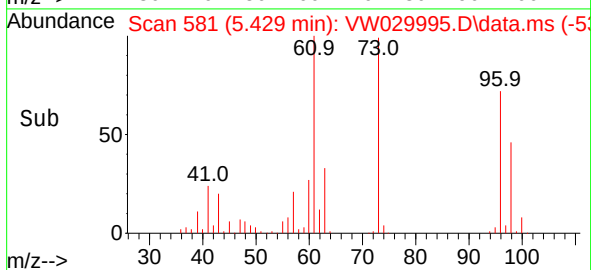
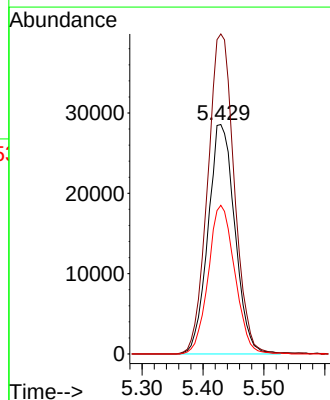
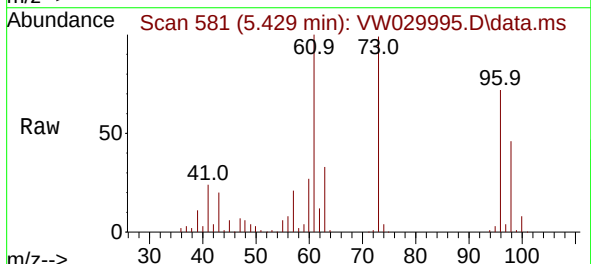
Instrument :
MSVOA_W
ClientSampleId :

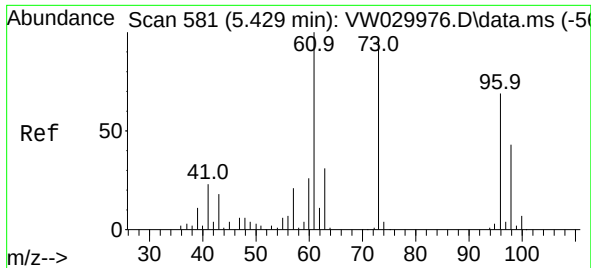
Tgt Ion: 84 Resp: 105996
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 110.5 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 23.446 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

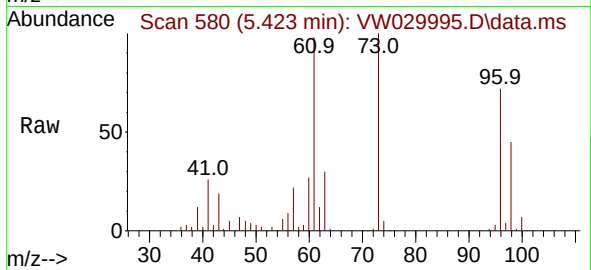
Tgt Ion: 96 Resp: 87393
Ion Ratio Lower Upper
96 100
61 139.5 111.2 206.6
98 64.8 45.0 83.6



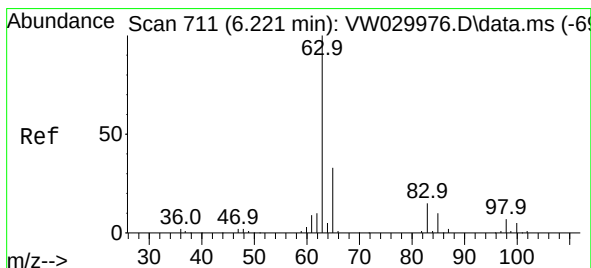
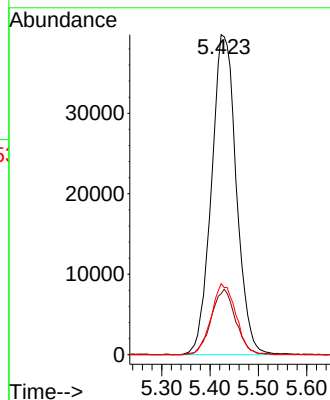
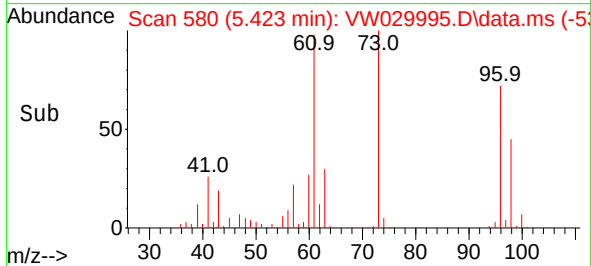


#18
Methyl tert-butyl Ether
Concen: 23.088 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Instrument :
MSVOA_W
ClientSampled :

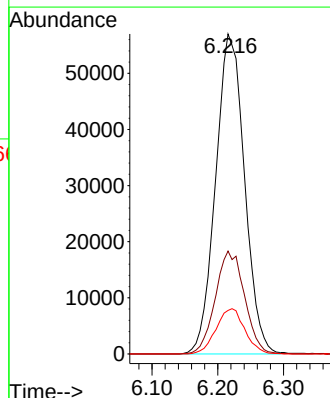
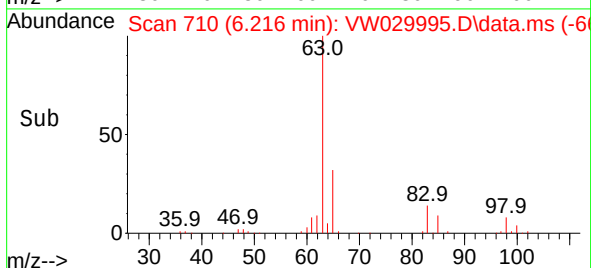
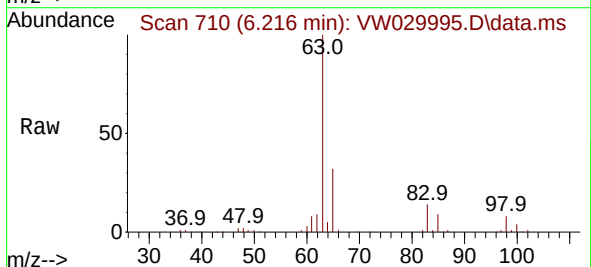


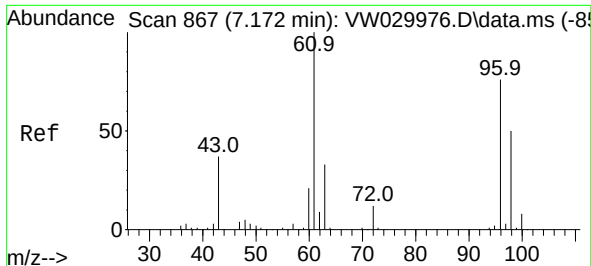
Tgt Ion: 73 Resp: 141835
Ion Ratio Lower Upper
73 100
43 20.3 18.3 27.5
57 22.0 17.9 26.9



#19
1,1-Dichloroethane
Concen: 22.164 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Tgt Ion: 63 Resp: 174237
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.3
83 13.6 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 24.869 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

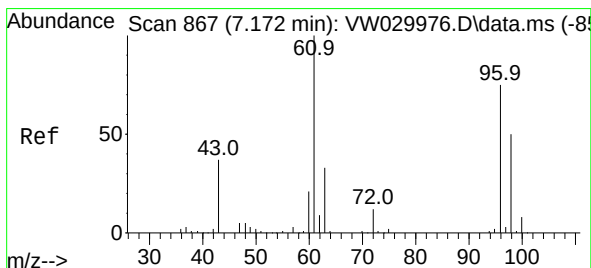
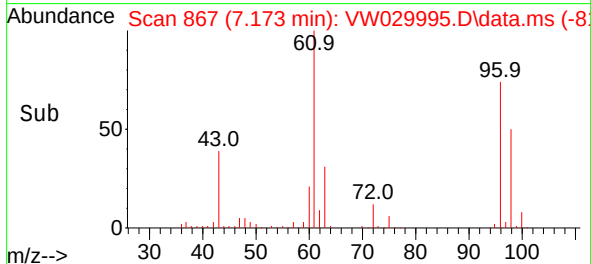
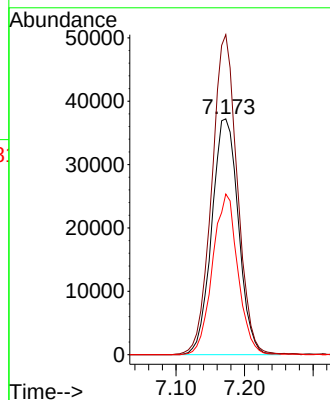
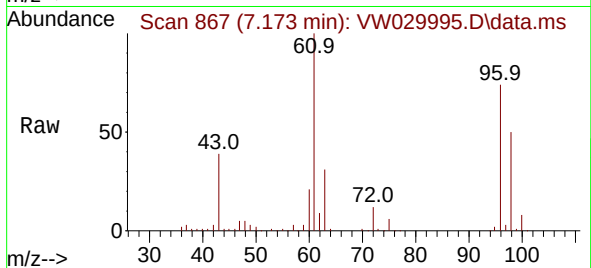
Tgt Ion: 96 Resp: 100547

Ion Ratio Lower Upper

96 100

61 135.7 98.2 182.4

98 68.1 41.9 77.9



#22

2-Butanone

Concen: 33.900 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029995.D

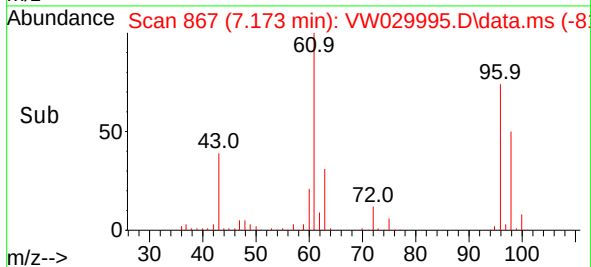
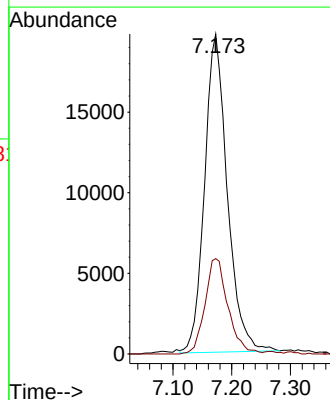
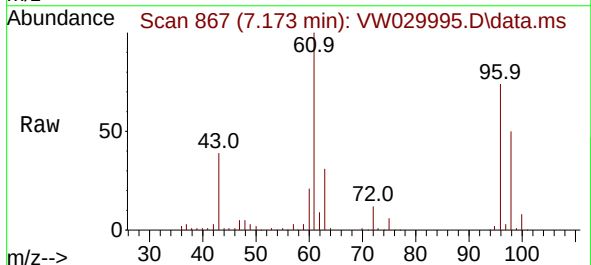
Acq: 22 Aug 2024 18:13

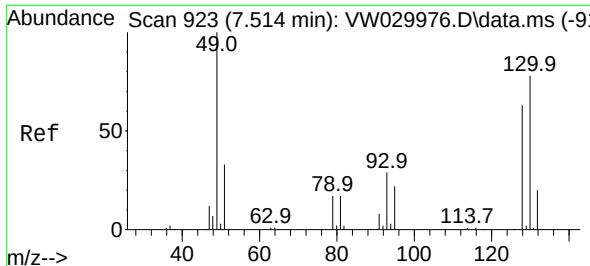
Tgt Ion: 43 Resp: 53180

Ion Ratio Lower Upper

43 100

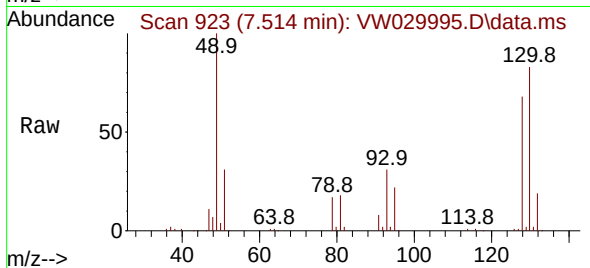
72 29.9 11.7 35.1



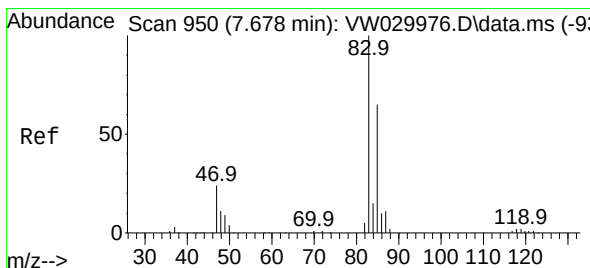
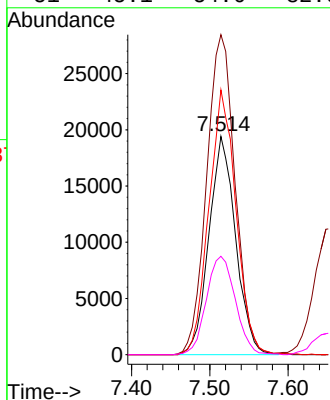
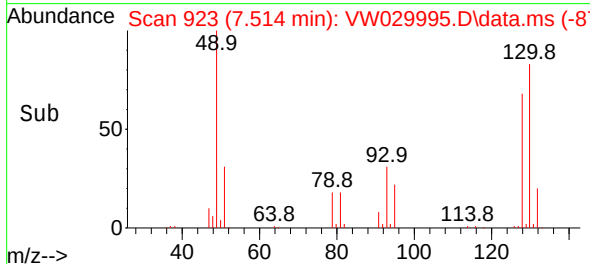


#23
Bromochloromethane
Concen: 26.767 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Instrument :
MSVOA_W
ClientSampleId :

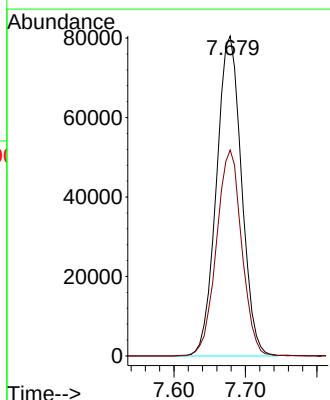
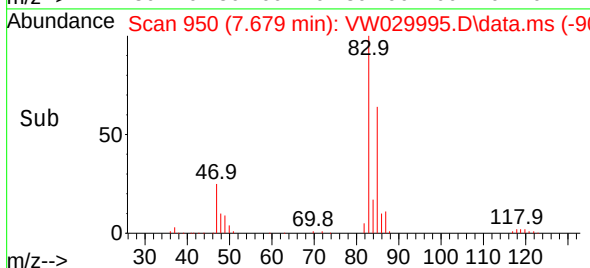
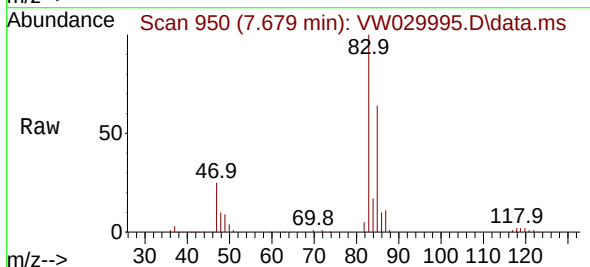


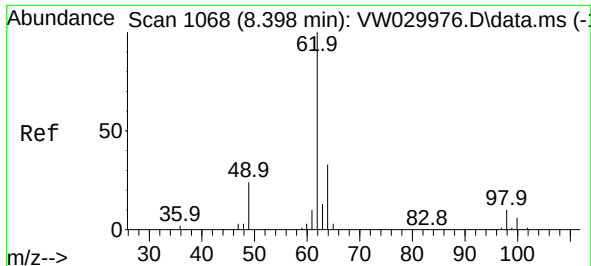
Tgt Ion:128 Resp: 45945
Ion Ratio Lower Upper
128 100
49 146.6 151.1 280.7#
130 121.3 96.8 179.8
51 45.1 54.6 82.0#



#25
Chloroform
Concen: 26.459 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW029995.D
Acq: 22 Aug 2024 18:13

Tgt Ion: 83 Resp: 195967
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4





#27

1,2-Dichloroethane

Concen: 22.912 ug/L

RT: 8.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

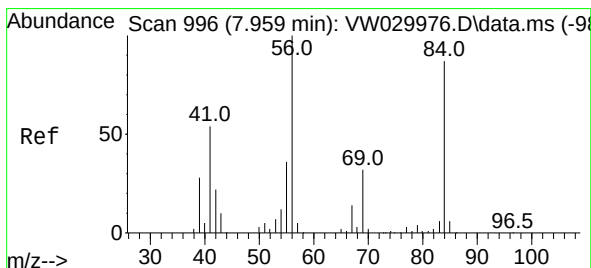
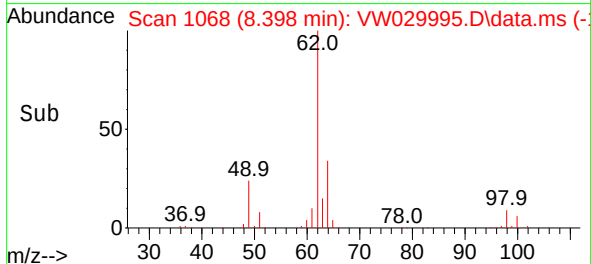
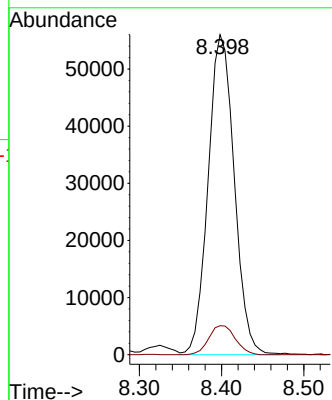
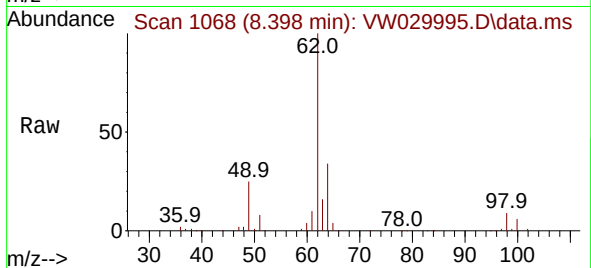
ClientSampleId :

Tgt Ion: 62 Resp: 123670

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0



#29

Cyclohexane

Concen: 17.563 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

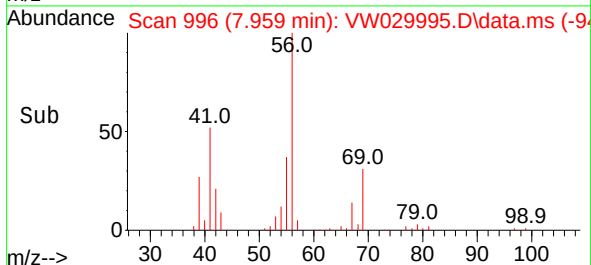
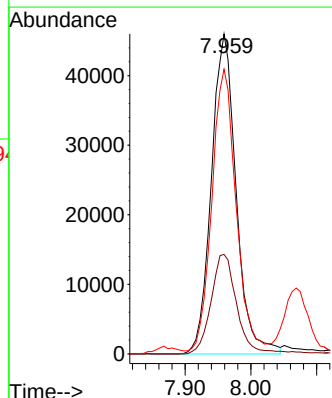
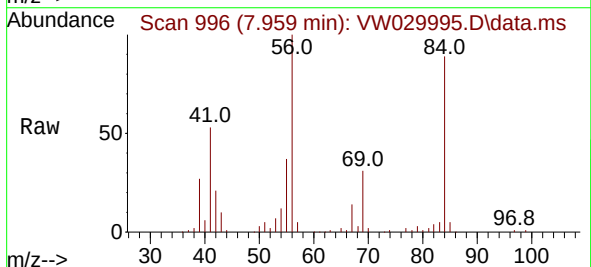
Tgt Ion: 56 Resp: 120496

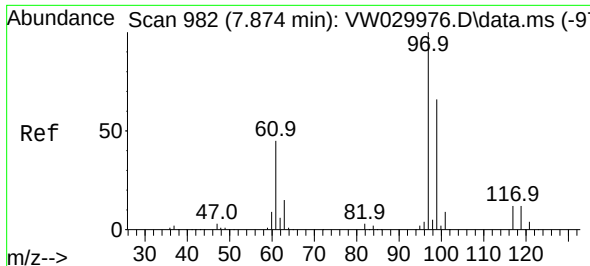
Ion Ratio Lower Upper

56 100

69 32.1 23.0 34.4

84 87.4 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 24.718 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

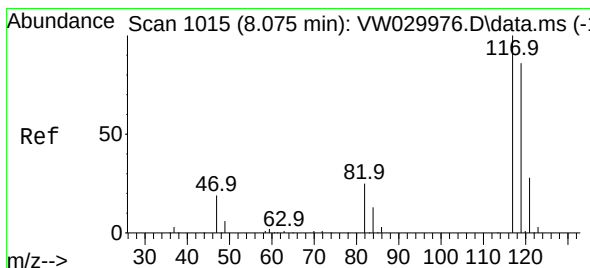
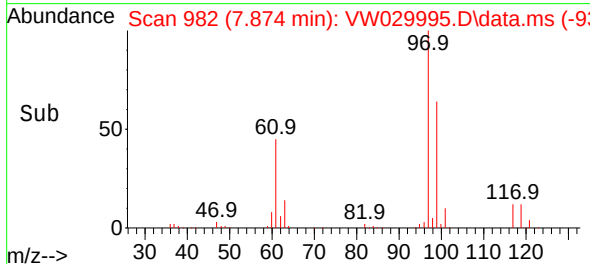
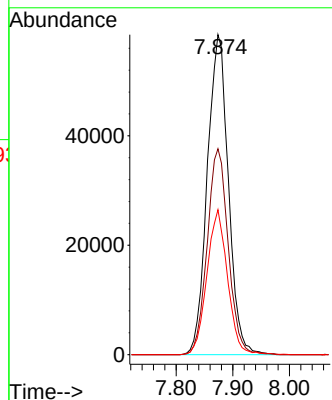
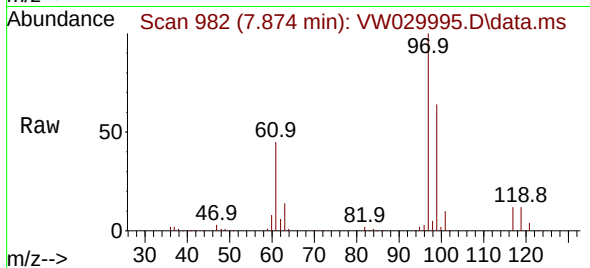
Tgt Ion: 97 Resp: 151123

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 44.4 42.6 63.8



#31

Carbon tetrachloride

Concen: 24.266 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW029995.D

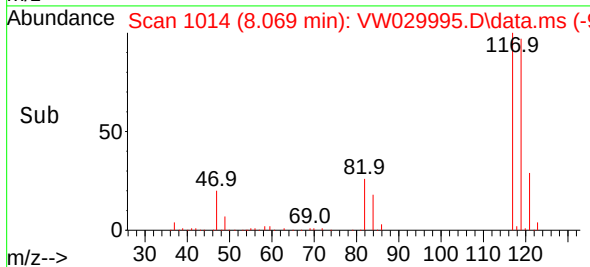
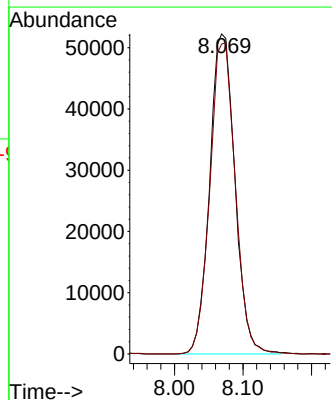
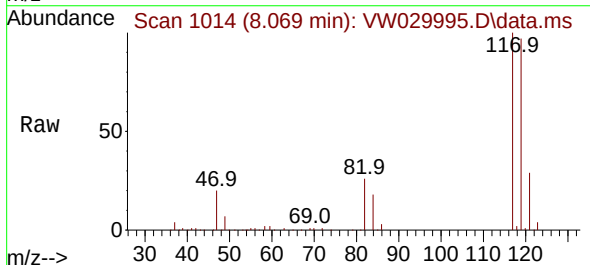
Acq: 22 Aug 2024 18:13

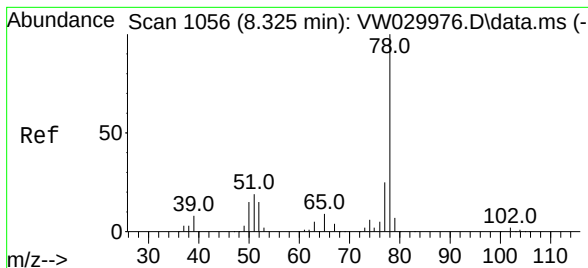
Tgt Ion: 117 Resp: 133683

Ion Ratio Lower Upper

117 100

119 97.9 74.8 112.2





#33

Benzene

Concen: 23.113 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW029995.D

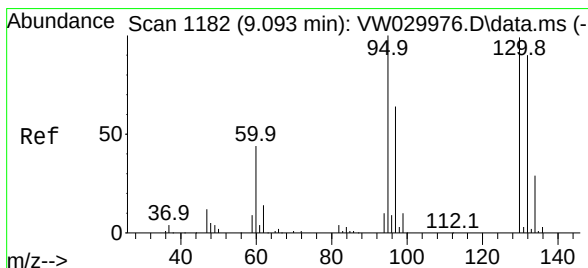
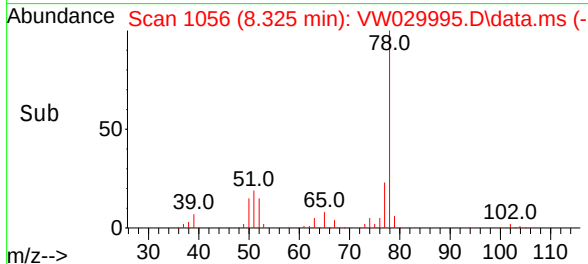
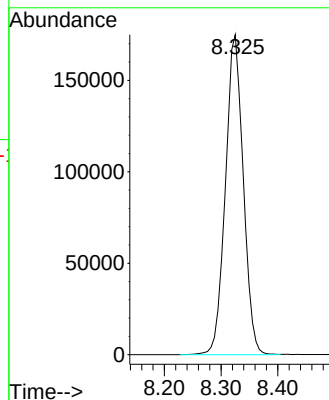
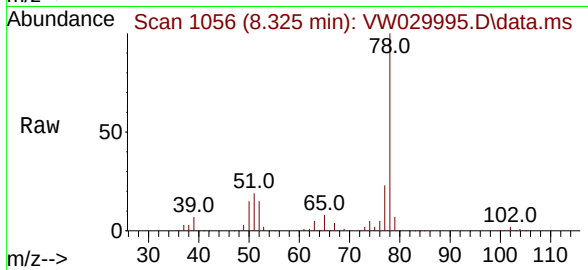
Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 382334



#34

Trichloroethene

Concen: 23.594 ug/L

RT: 9.093 min Scan# 1182

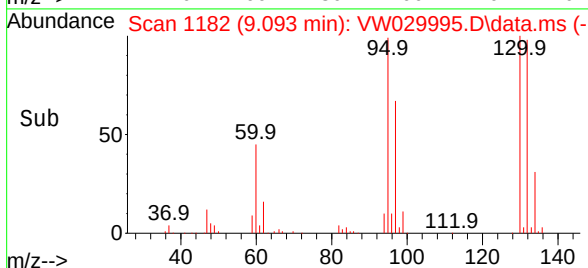
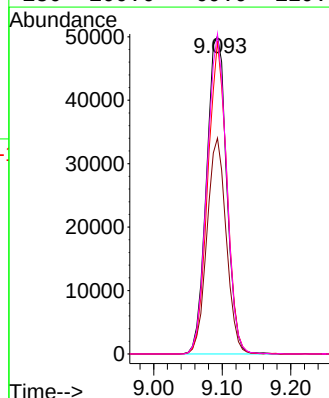
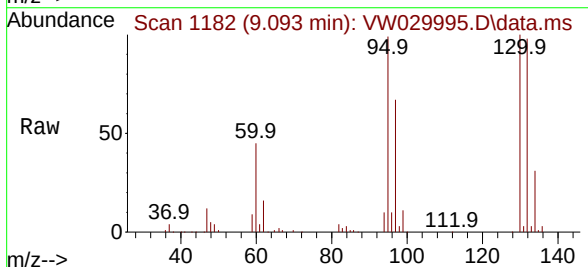
Delta R.T. 0.000 min

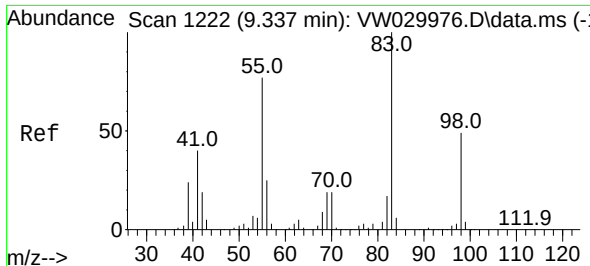
Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Tgt Ion: 95 Resp: 102313

Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.6	84.8
132	98.3	65.2	121.0
130	100.6	69.9	129.7





#35

Methylcyclohexane

Concen: 20.568 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

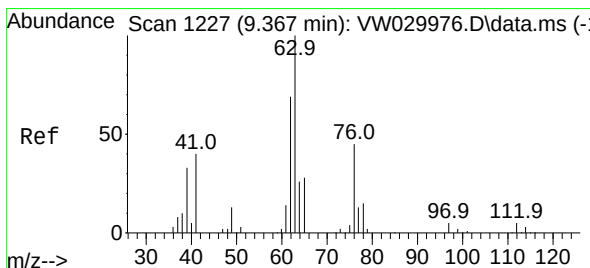
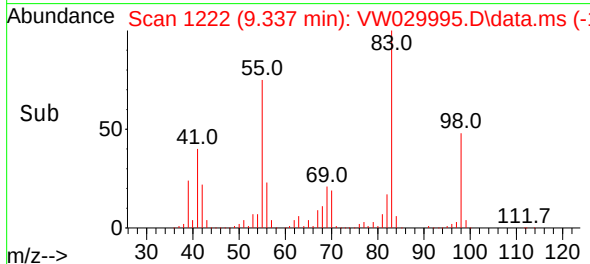
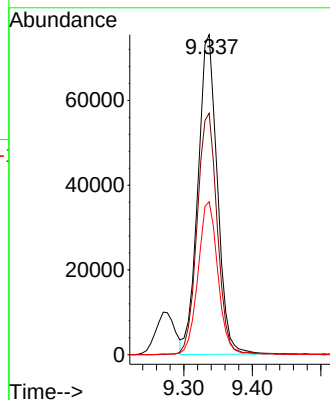
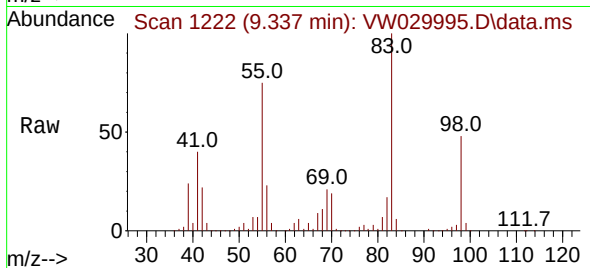
Tgt Ion: 83 Resp: 148622

Ion Ratio Lower Upper

83 100

55 78.7 67.4 101.2

98 48.4 36.7 55.1



#37

1,2-Dichloropropane

Concen: 22.148 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029995.D

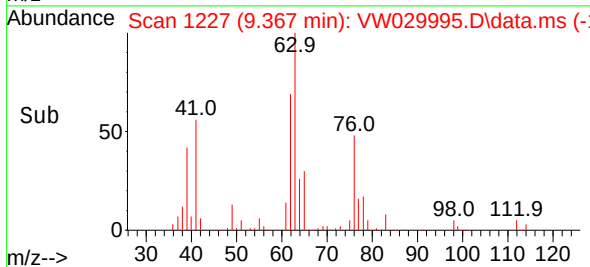
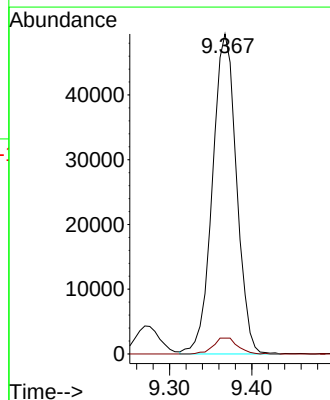
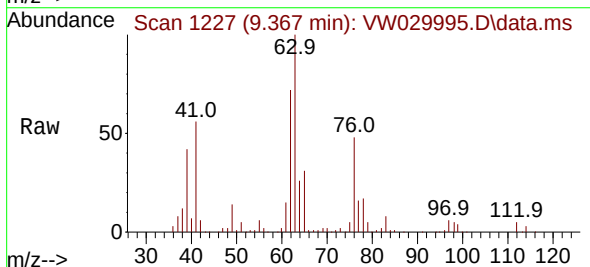
Acq: 22 Aug 2024 18:13

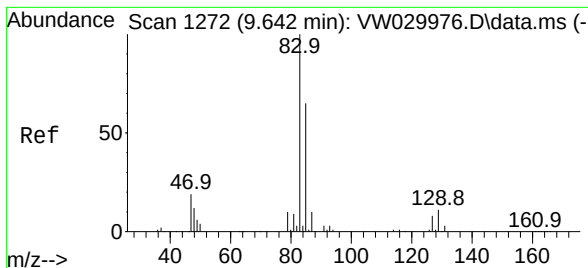
Tgt Ion: 63 Resp: 100402

Ion Ratio Lower Upper

63 100

112 5.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 24.904 ug/L

RT: 9.642 min Scan# 1342

Delta R.T. 0.000 min

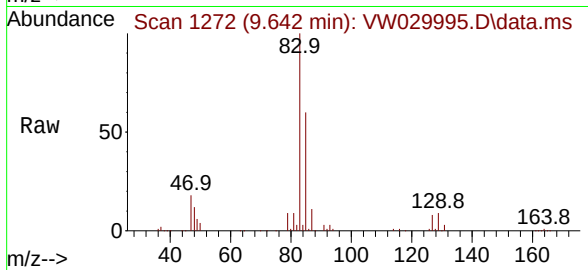
Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :



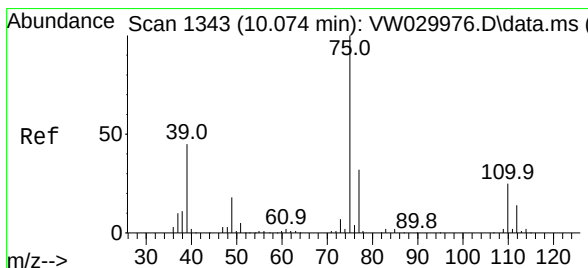
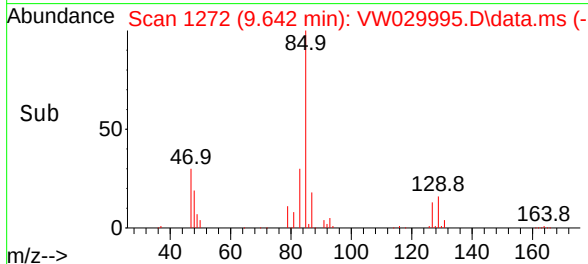
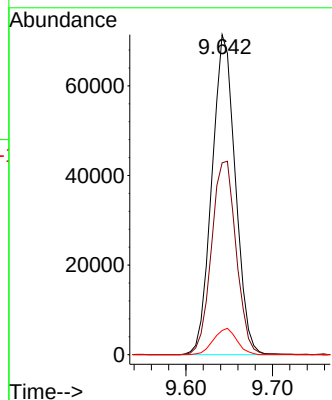
Tgt Ion: 83 Resp: 134434

Ion Ratio Lower Upper

83 100

85 59.9 46.6 86.6

127 7.6 5.9 8.9



#39

cis-1,3-Dichloropropene

Concen: 22.774 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW029995.D

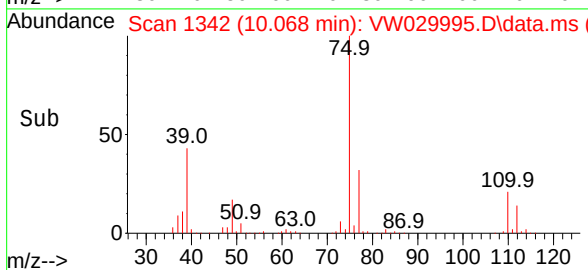
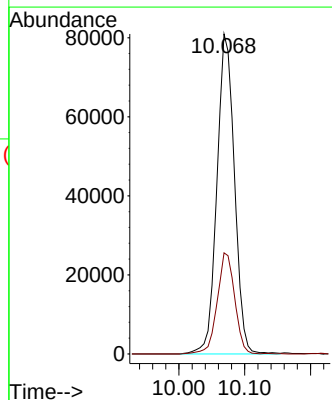
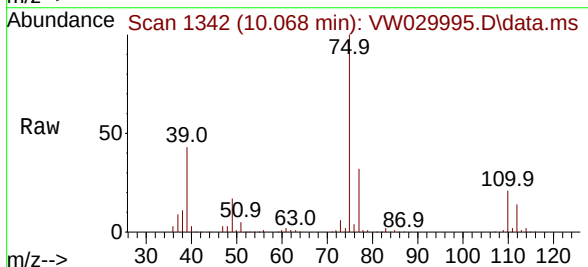
Acq: 22 Aug 2024 18:13

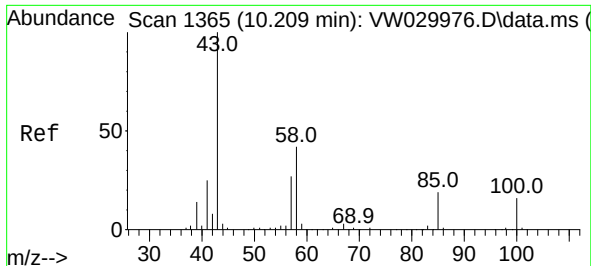
Tgt Ion: 75 Resp: 150346

Ion Ratio Lower Upper

75 100

77 31.6 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 37.960 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

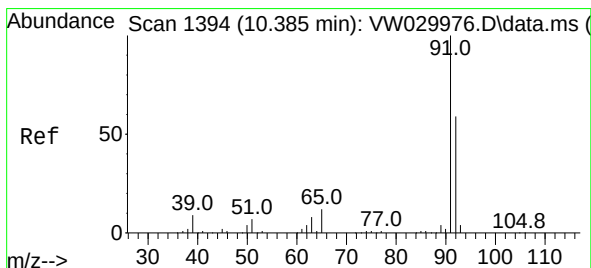
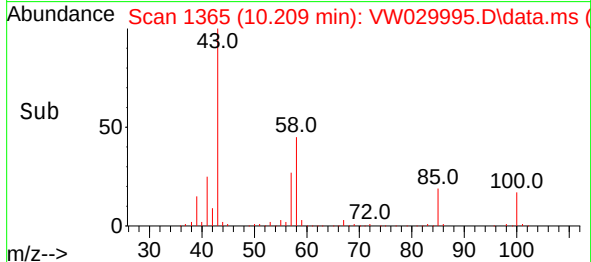
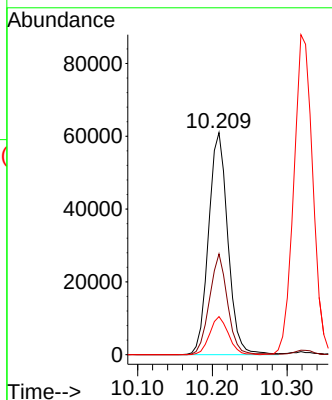
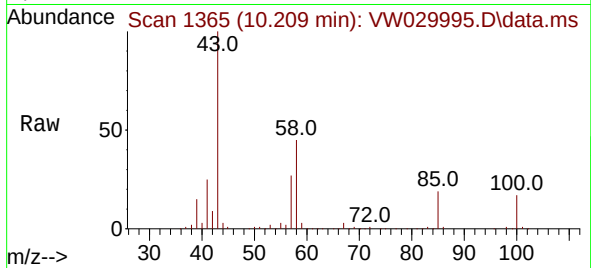
Tgt Ion: 43 Resp: 109300

Ion Ratio Lower Upper

43 100

58 42.4 28.7 43.1

100 16.7 10.0 15.0#



#42

Toluene

Concen: 24.786 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029995.D

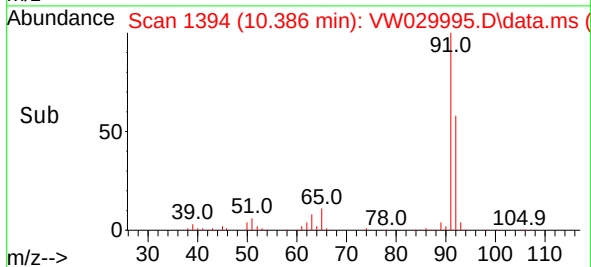
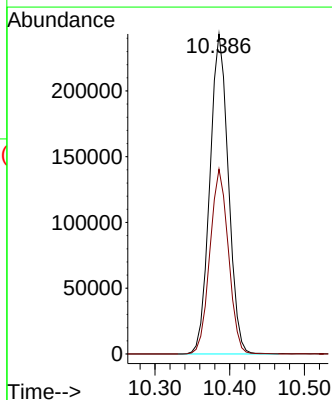
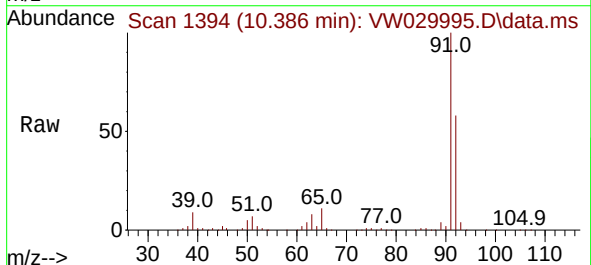
Acq: 22 Aug 2024 18:13

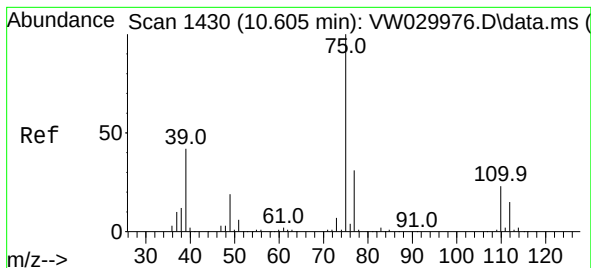
Tgt Ion: 91 Resp: 418513

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 22.922 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

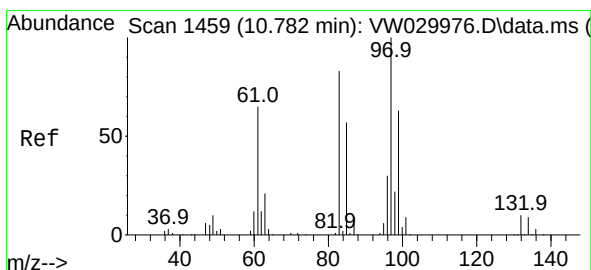
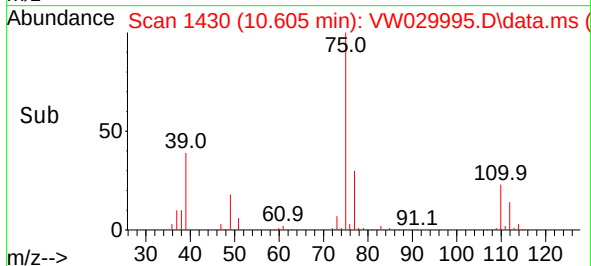
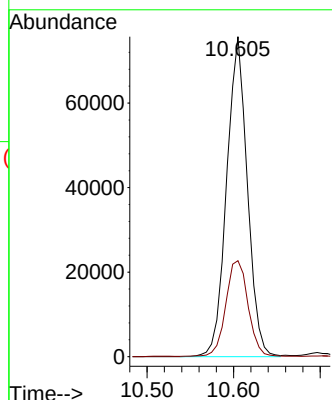
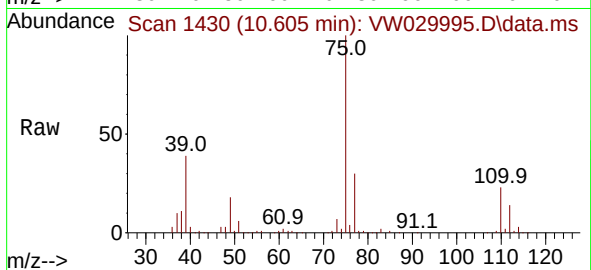
ClientSampleId :

Tgt Ion: 75 Resp: 125625

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 26.047 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Tgt Ion: 97 Resp: 79324

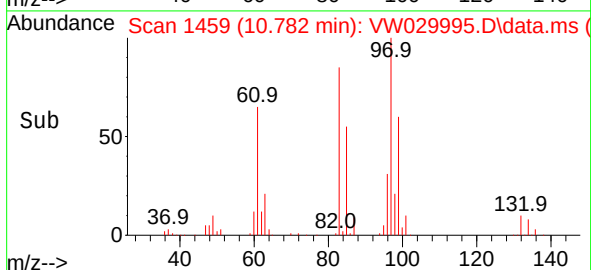
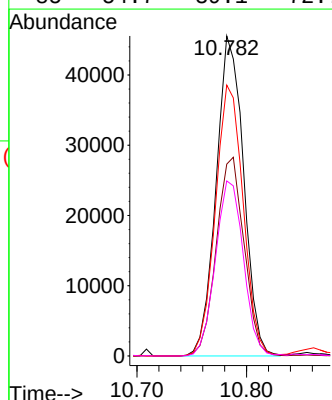
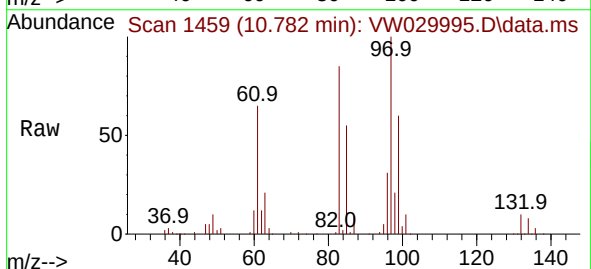
Ion Ratio Lower Upper

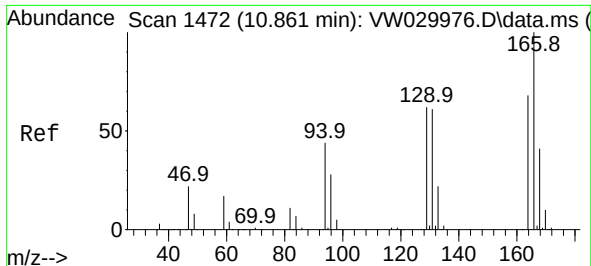
97 100

99 59.9 40.1 74.5

83 84.6 58.5 108.7

85 54.7 39.1 72.7





#46

Tetrachloroethene

Concen: 24.276 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

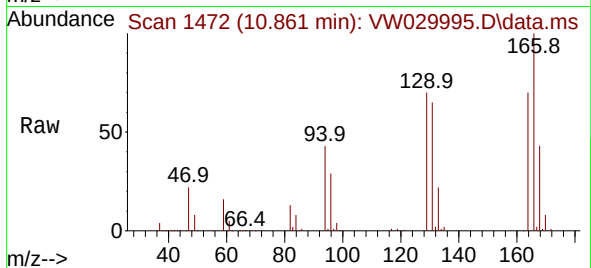
Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 76514

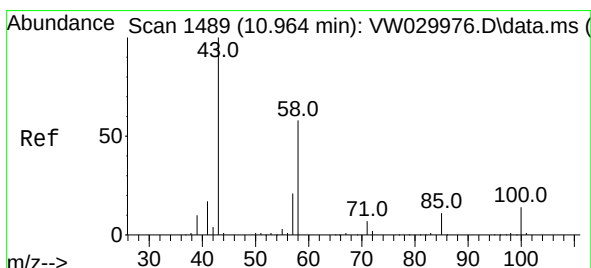
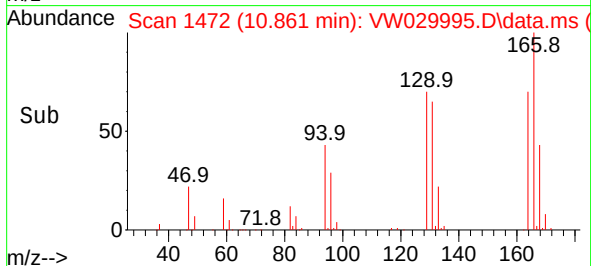
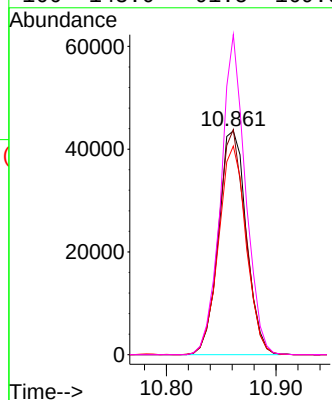
Ion Ratio Lower Upper

164 100

129 100.6 77.8 144.6

131 93.2 70.9 131.7

166 143.0 91.5 169.9



#48

2-Hexanone

Concen: 36.959 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Tgt Ion: 43 Resp: 79703

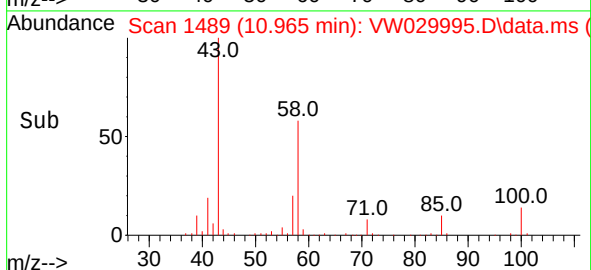
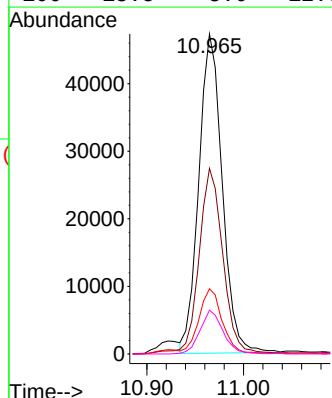
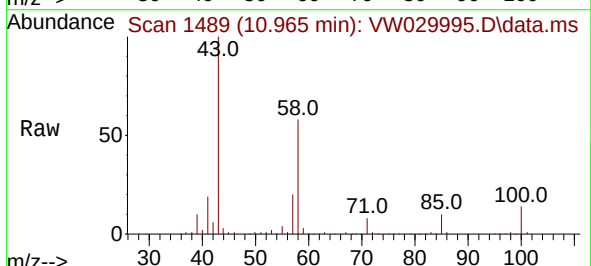
Ion Ratio Lower Upper

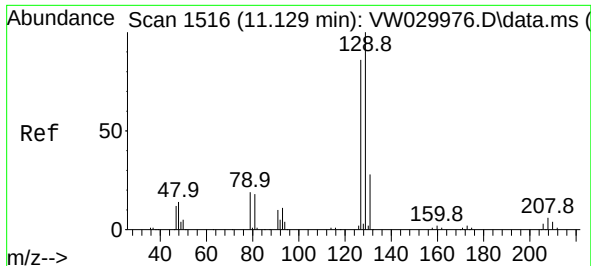
43 100

58 57.3 41.0 61.4

57 19.2 14.1 21.1

100 13.5 8.0 12.0#





#49

Dibromochloromethane

Concen: 26.929 ug/L

RT: 11.123 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

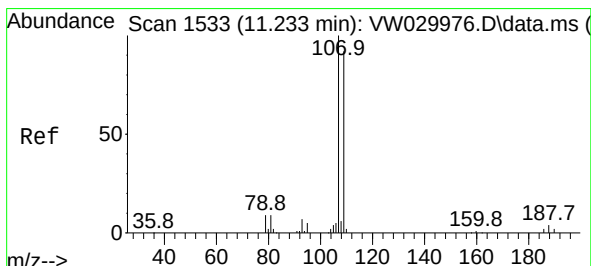
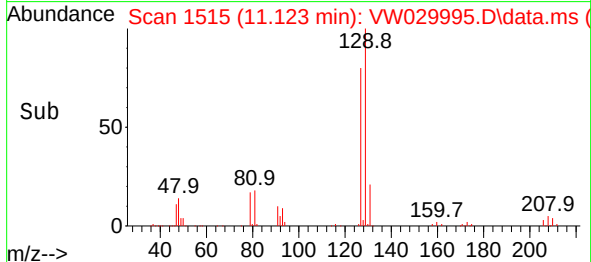
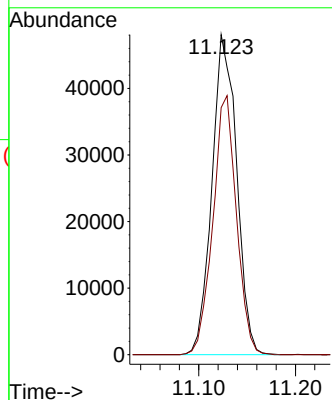
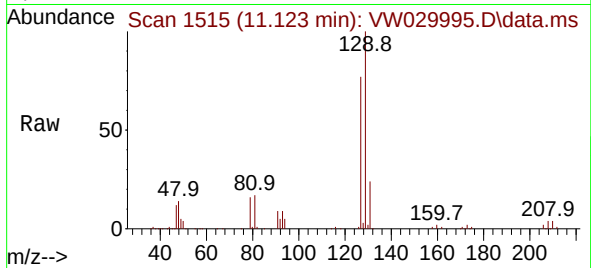
ClientSampleId :

Tgt Ion:129 Resp: 85135

Ion Ratio Lower Upper

129 100

127 77.2 52.4 97.2



#50

1,2-Dibromoethane

Concen: 25.796 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

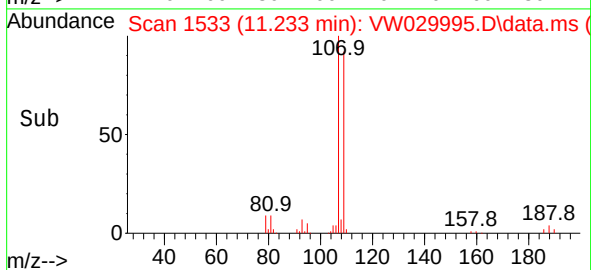
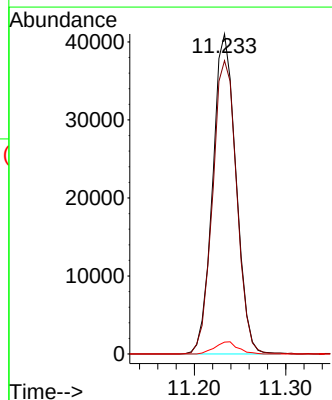
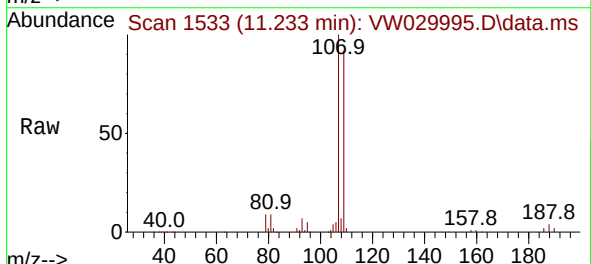
Tgt Ion:107 Resp: 72687

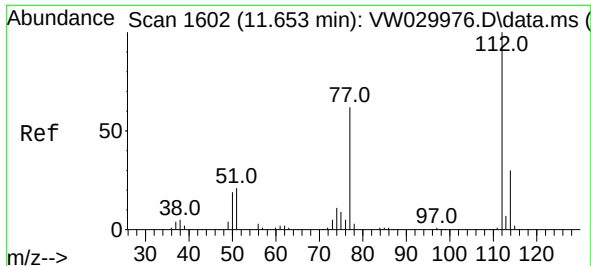
Ion Ratio Lower Upper

107 100

109 91.7 64.8 120.3

188 3.7 2.7 4.1





#51

Chlorobenzene

Concen: 24.698 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

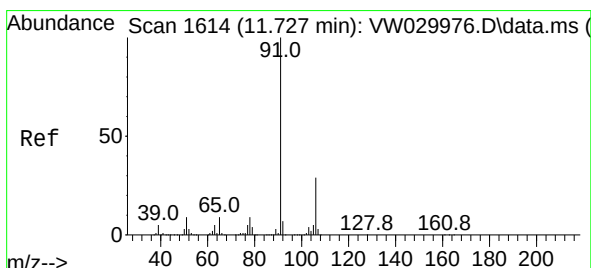
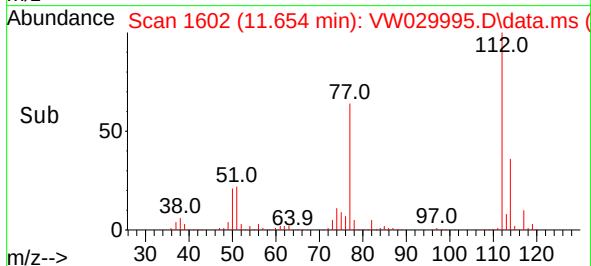
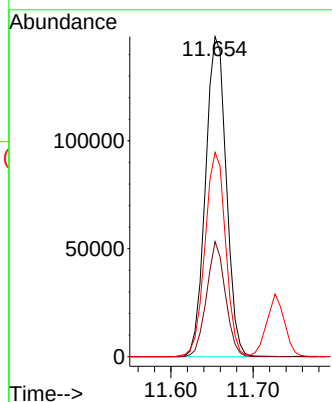
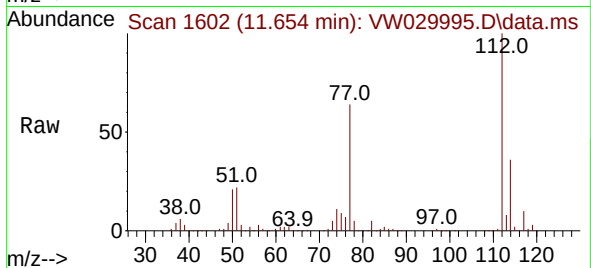
Tgt Ion:112 Resp: 259401

Ion Ratio Lower Upper

112 100

114 36.0 22.0 40.8

77 63.9 53.8 80.8



#52

Ethylbenzene

Concen: 24.950 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW029995.D

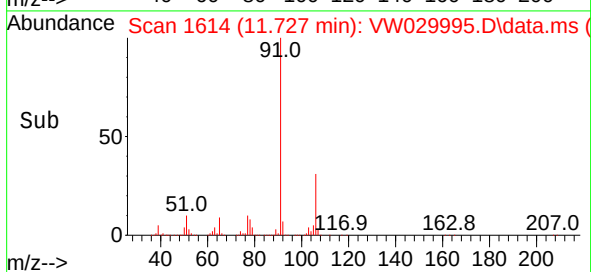
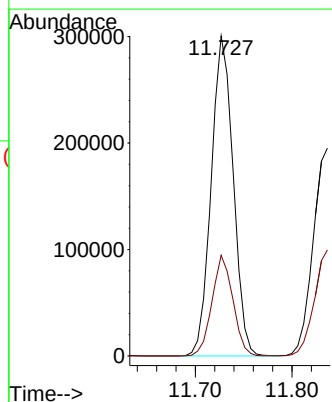
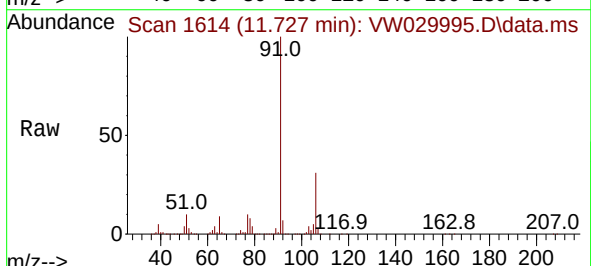
Acq: 22 Aug 2024 18:13

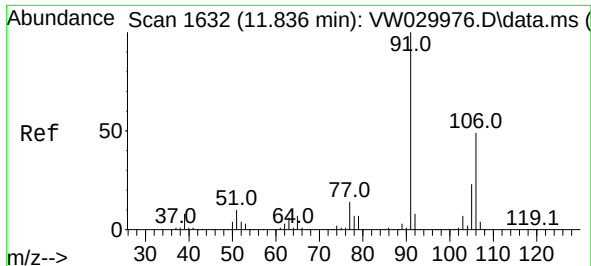
Tgt Ion: 91 Resp: 475202

Ion Ratio Lower Upper

91 100

106 31.5 20.4 38.0





#53

m,p-Xylene

Concen: 25.259 ug/L

RT: 11.836 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

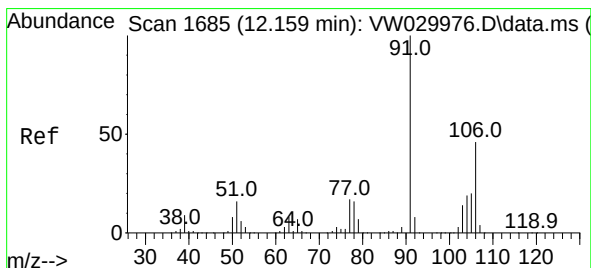
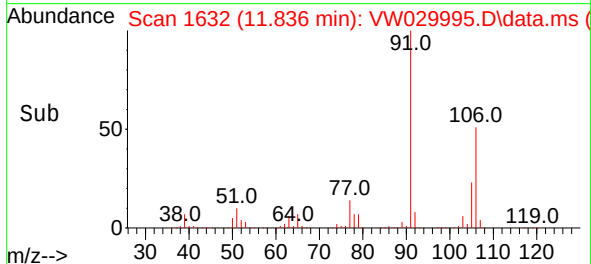
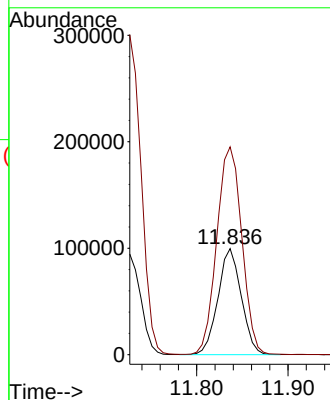
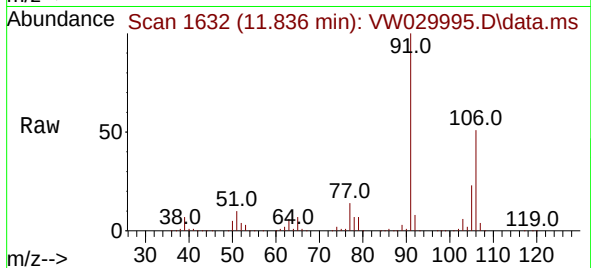
ClientSampleId :

Tgt Ion:106 Resp: 176932

Ion Ratio Lower Upper

106 100

91 195.9 151.4 281.2



#54

o-Xylene

Concen: 25.223 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW029995.D

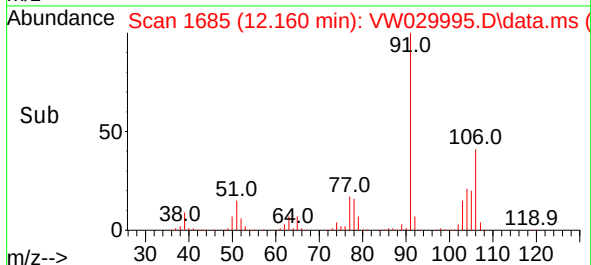
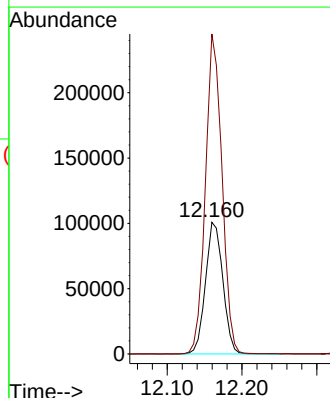
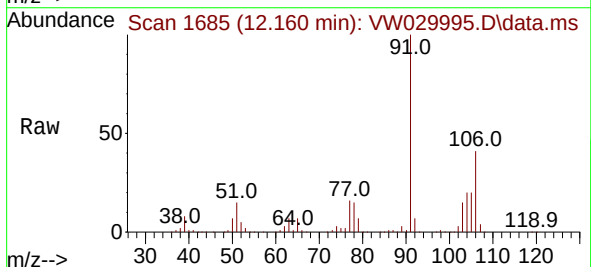
Acq: 22 Aug 2024 18:13

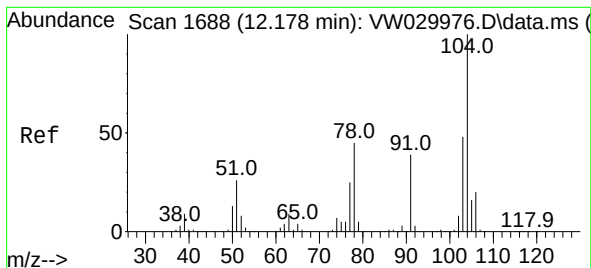
Tgt Ion:106 Resp: 162699

Ion Ratio Lower Upper

106 100

91 242.9 155.8 289.4





#55

Styrene

Concen: 26.387 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

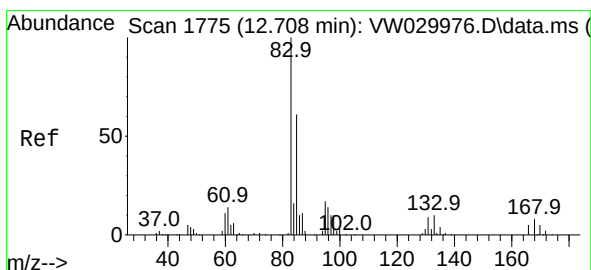
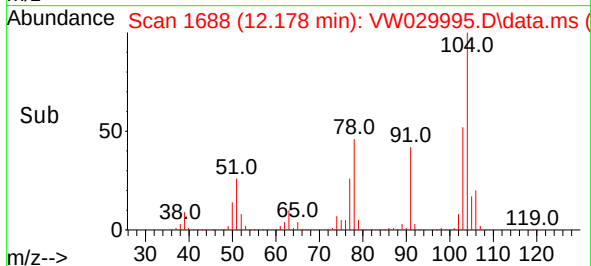
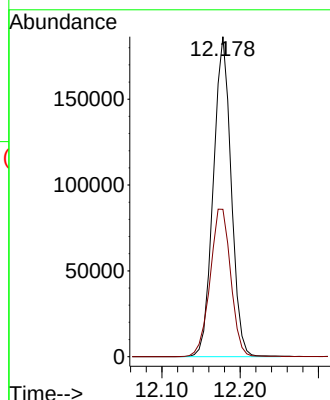
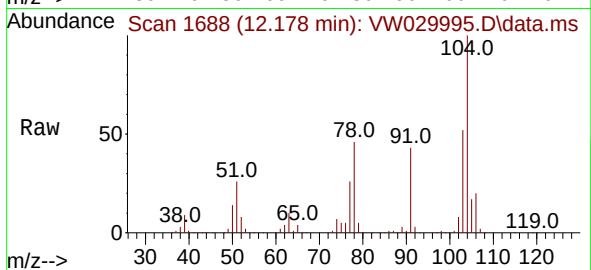
ClientSampleId :

Tgt Ion:104 Resp: 295034

Ion Ratio Lower Upper

104 100

78 46.1 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.162 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

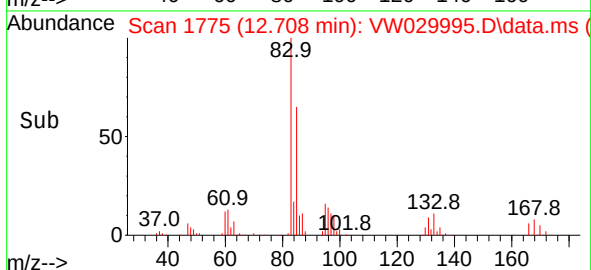
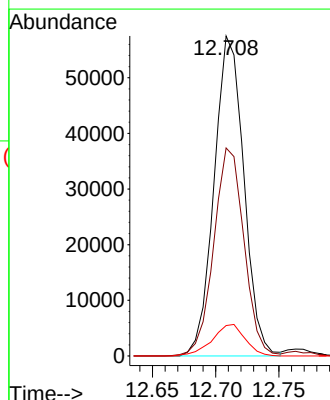
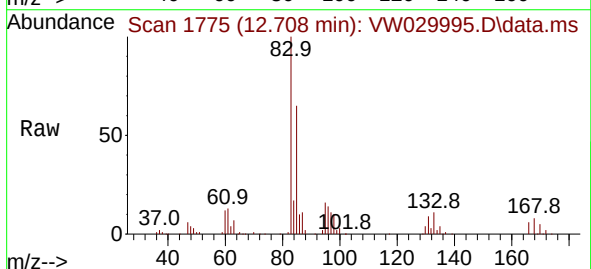
Tgt Ion: 83 Resp: 94052

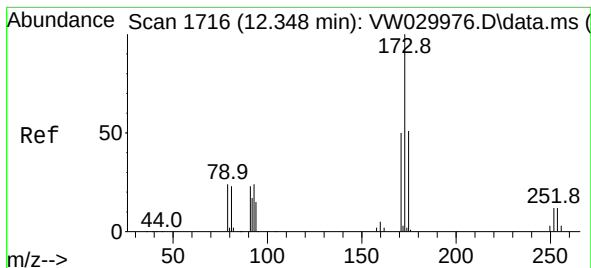
Ion Ratio Lower Upper

83 100

85 65.0 44.2 82.0

131 9.5 6.2 9.2#





#59

Bromoform

Concen: 25.127 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

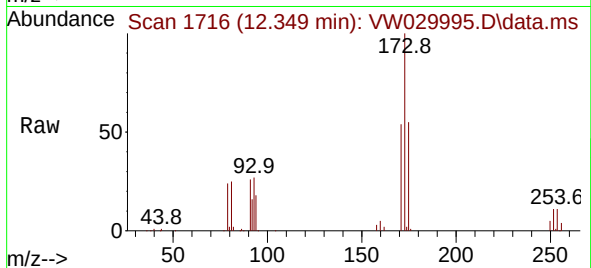
Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

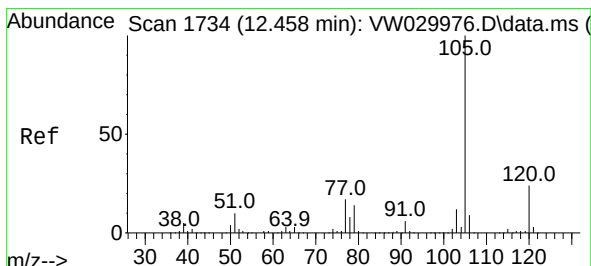
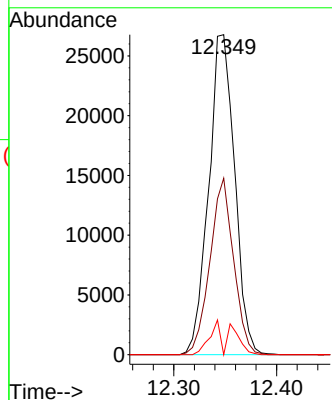
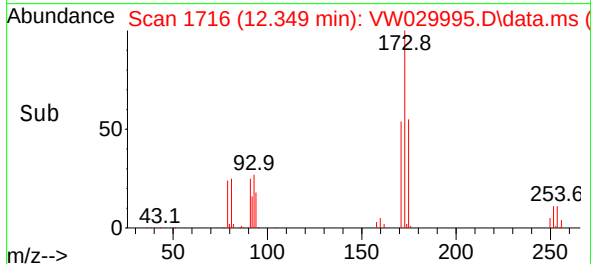
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	47006
Ion Ratio	Lower	Upper	
173	100		
175	50.2	38.1	57.1
254	4.4	7.8	11.6#



#60

Isopropylbenzene

Concen: 24.064 ug/L

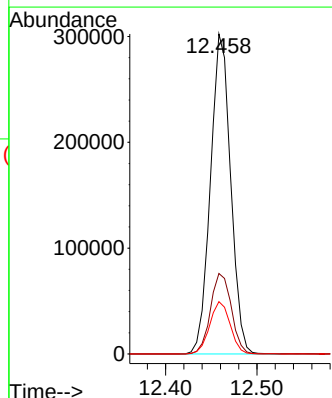
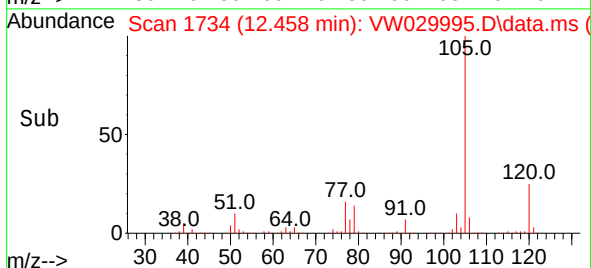
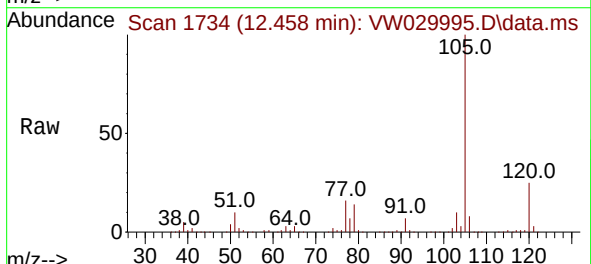
RT: 12.458 min Scan# 1734

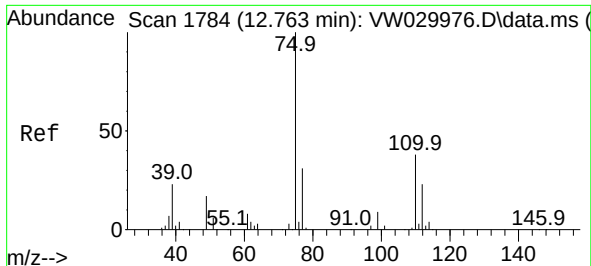
Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Tgt Ion:	105	Resp:	462958
Ion Ratio	Lower	Upper	
105	100		
120	26.0	20.3	30.5
77	16.6	14.0	21.0





#61

1,2,3-Trichloropropane

Concen: 22.246 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

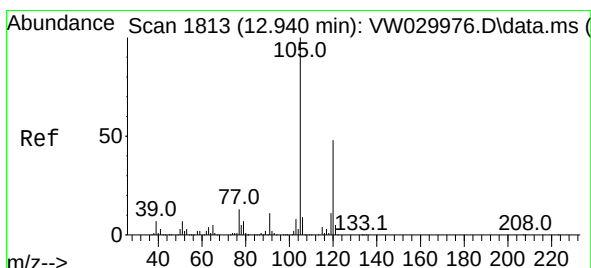
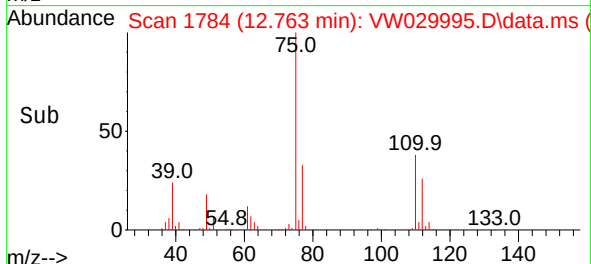
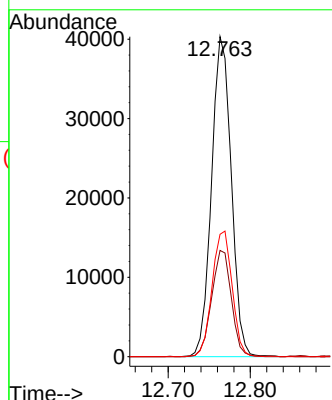
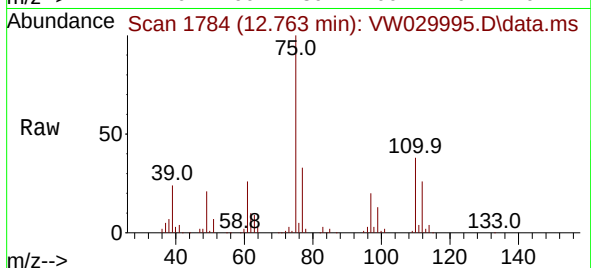
Tgt Ion: 75 Resp: 67266

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0

110 39.8 28.6 43.0



#62

1,3,5-Trimethylbenzene

Concen: 26.857 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029995.D

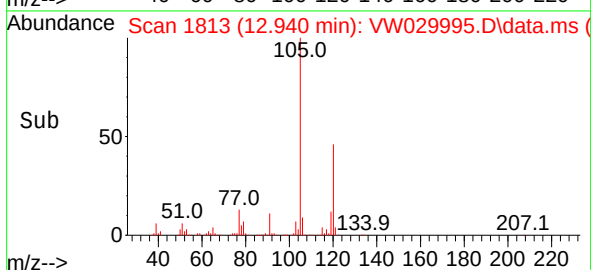
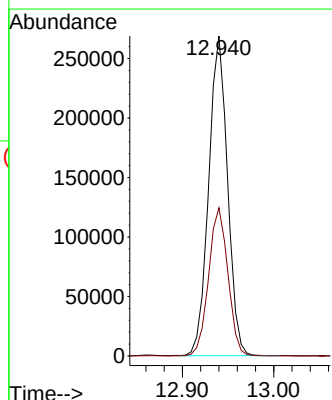
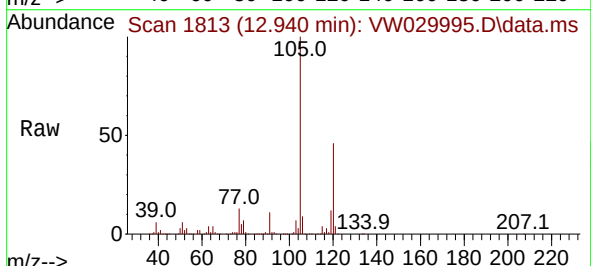
Acq: 22 Aug 2024 18:13

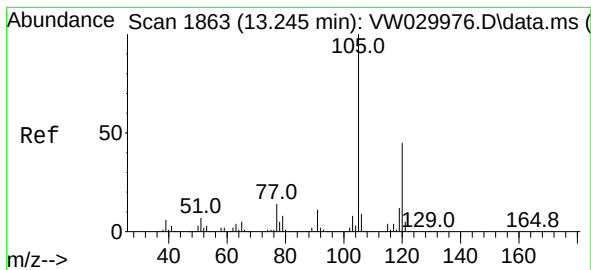
Tgt Ion:105 Resp: 384054

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 24.722 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

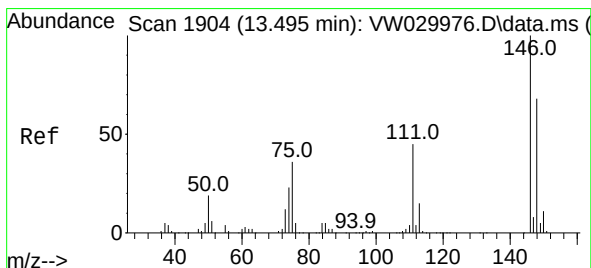
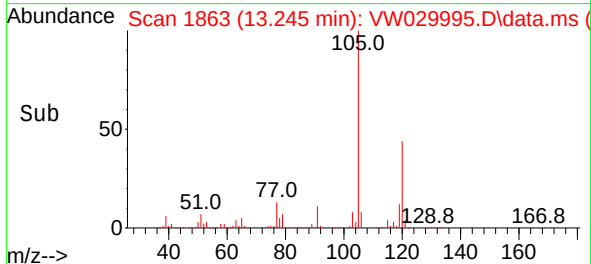
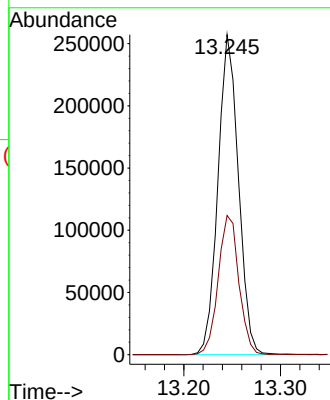
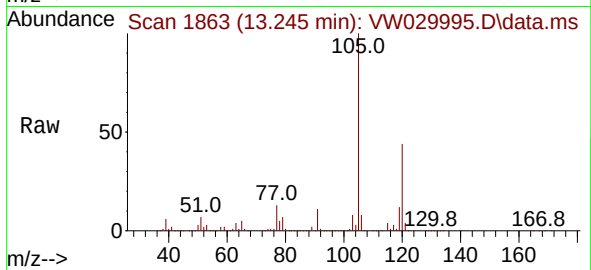
ClientSampleId :

Tgt Ion:105 Resp: 378077

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 25.932 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

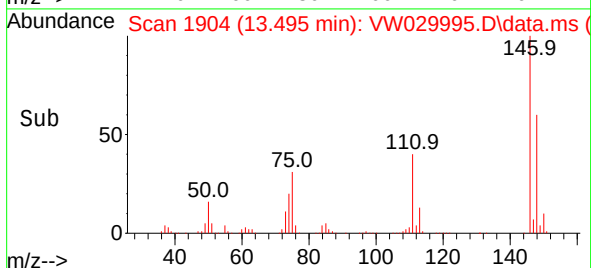
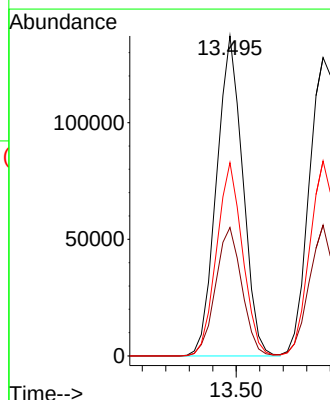
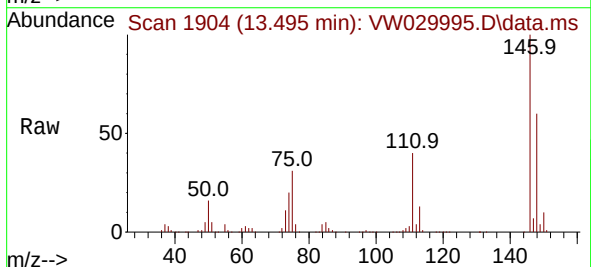
Tgt Ion:146 Resp: 212852

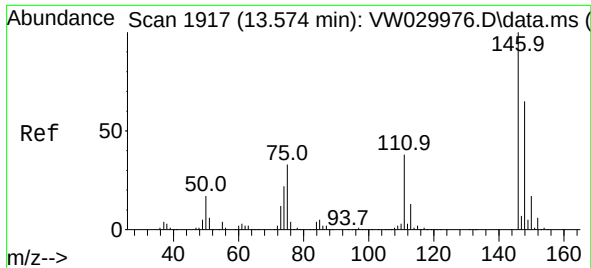
Ion Ratio Lower Upper

146 100

111 40.1 28.7 53.3

148 60.4 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 25.345 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

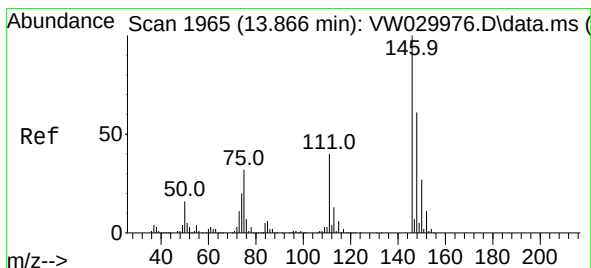
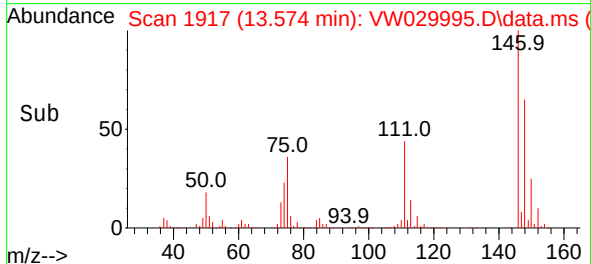
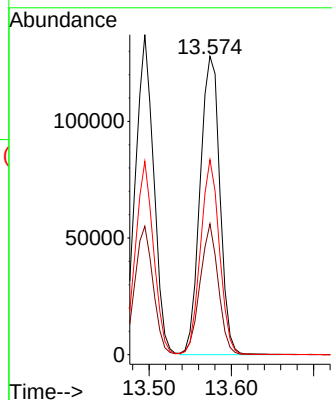
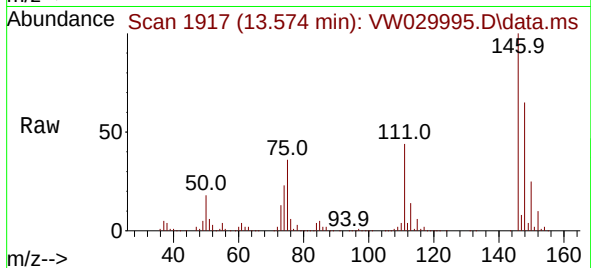
Tgt Ion:146 Resp: 213690

Ion Ratio Lower Upper

146 100

111 43.9 30.1 55.9

148 65.4 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 24.698 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

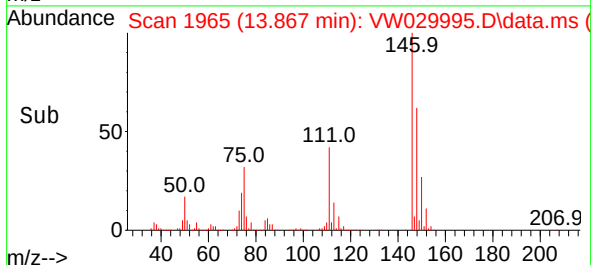
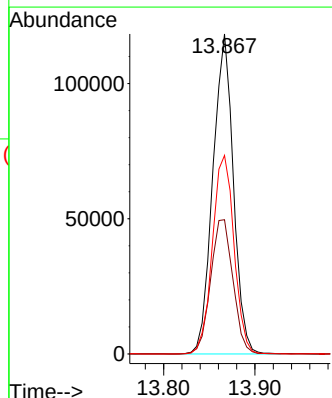
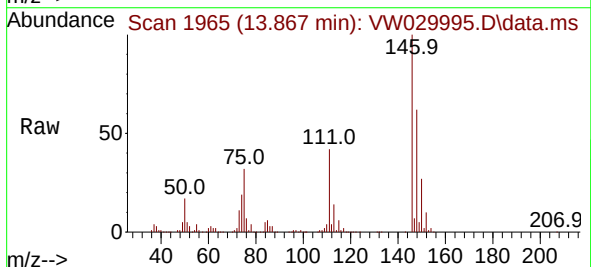
Tgt Ion:146 Resp: 184564

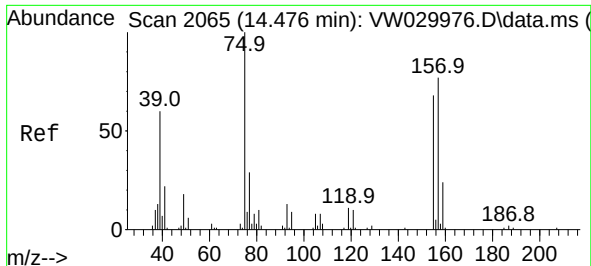
Ion Ratio Lower Upper

146 100

111 42.0 35.8 53.8

148 62.1 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 21.134 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029995.D

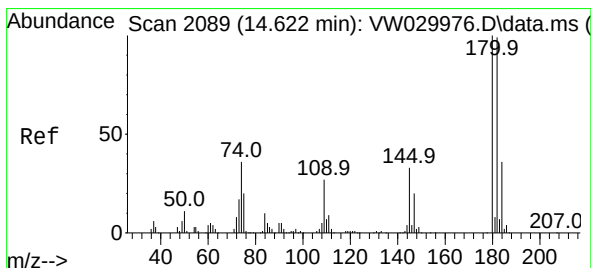
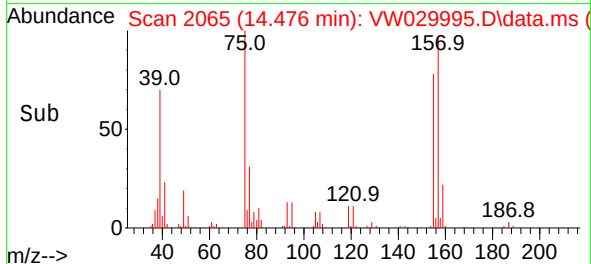
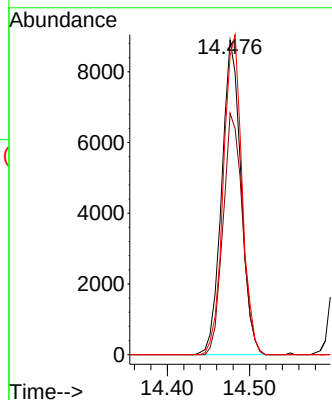
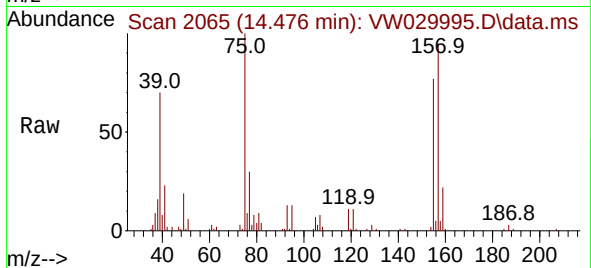
Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	14510
Ion	Ratio	Lower	Upper
75	100		
155	76.8	47.8	71.6#
157	95.0	63.7	95.5



#69

1,3,5-Trichlorobenzene

Concen: 24.321 ug/L

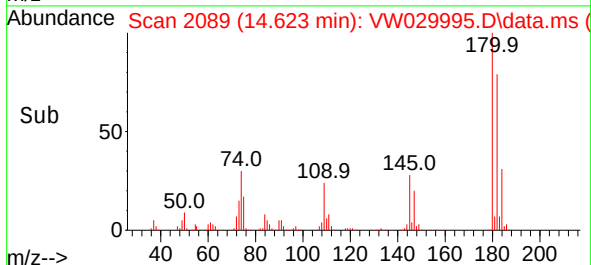
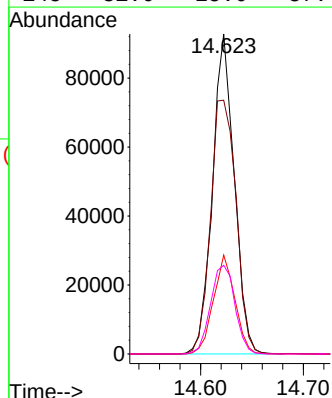
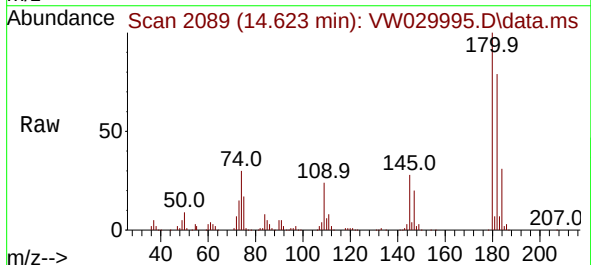
RT: 14.623 min Scan# 2089

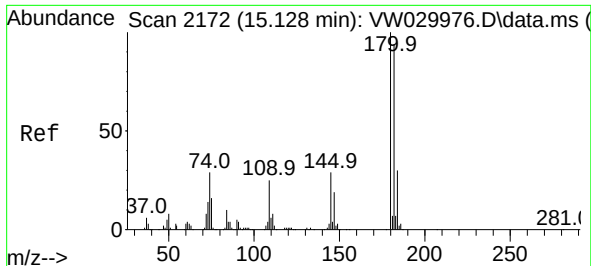
Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Tgt Ion:	180	Resp:	136582
Ion	Ratio	Lower	Upper
180	100		
182	92.9	72.7	109.1
184	30.4	23.3	34.9
145	31.0	25.0	37.4





#70

1,2,4-trichlorobenzene

Concen: 24.231 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

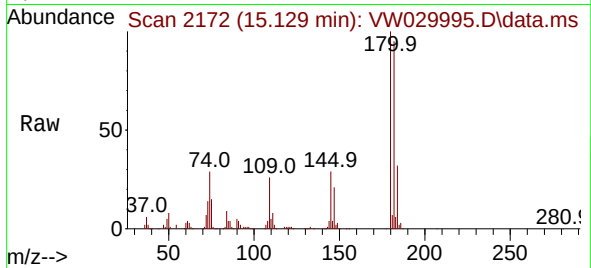
Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

Instrument :

MSVOA_W

ClientSampleId :



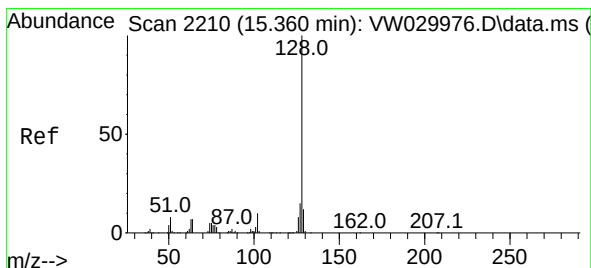
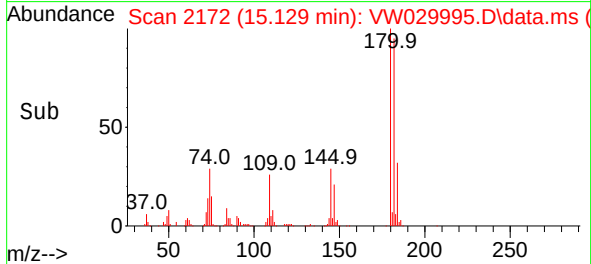
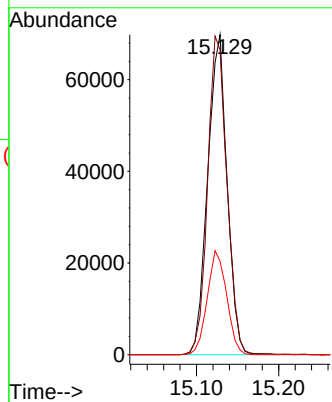
Tgt Ion:180 Resp: 114641

Ion Ratio Lower Upper

180 100

182 98.7 80.2 120.4

145 32.4 26.3 39.5



#71

Naphthalene

Concen: 24.836 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029995.D

Acq: 22 Aug 2024 18:13

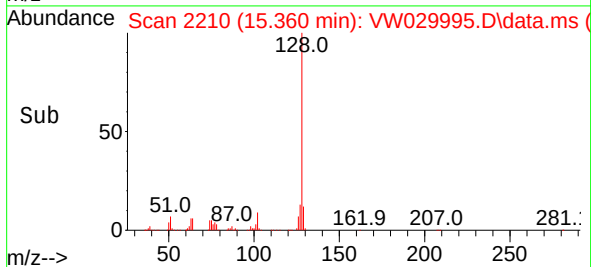
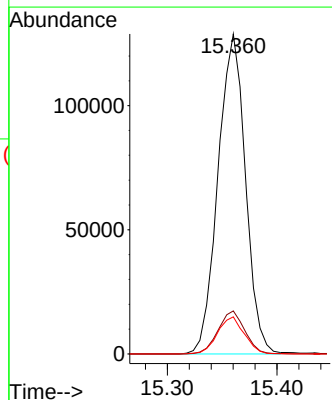
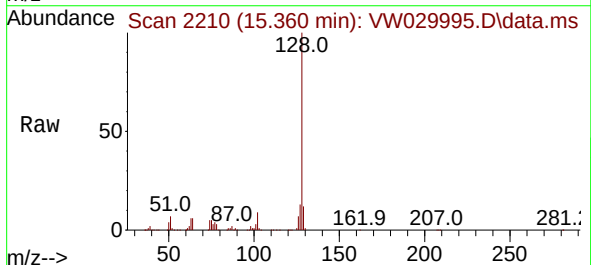
Tgt Ion:128 Resp: 224209

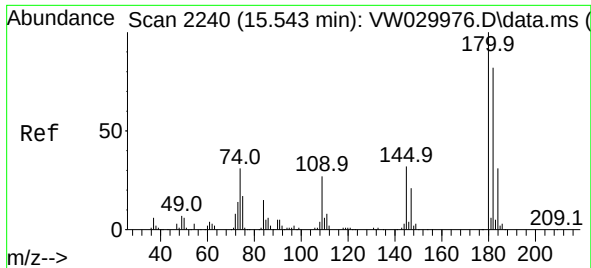
Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

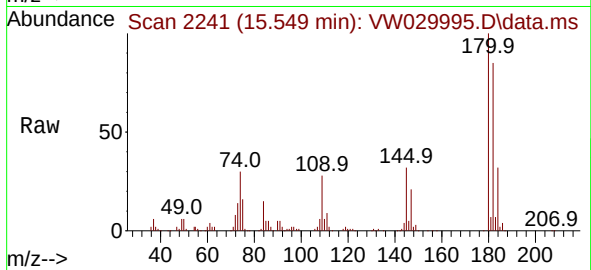
129 11.3 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 25.337 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029995.D
 Acq: 22 Aug 2024 18:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 108497
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.0 111.0
 145 34.5 27.5 41.3

