

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029847.D
 Acq On : 07 Aug 2024 13:22
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 02:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	197040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85116	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49719	16.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
7) Chloroethane-d5	2.899	69	44711	21.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	4.021	65	25281	18.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	7.075	46	24458	30.208	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.420%
24) Chloroform-d	7.648	84	130762	24.276	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	8.307	65	69011	22.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.960%
32) Benzene-d6	8.276	84	243823	22.902	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	9.276	67	80581	23.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.325	98	211291	22.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	10.581	79	25793	18.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.000%
47) 2-Hexanone-d5	10.922	63	14887	26.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47637	18.872	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	62307	23.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	2886	1.029 ug/L	#	81
3) Chloromethane	2.216	50	4621	1.331 ug/L		99
5) Vinyl chloride	2.375	62	5556	1.429 ug/L		100
6) Bromomethane	2.789	94	2967	1.389 ug/L		78
8) Chloroethane	2.936	64	3368	1.522 ug/L		94
9) Trichlorofluoromethane	3.265	101	3371	1.085 ug/L	#	67
12) 1,1-Dichloroethene	4.039	96	3536	1.244 ug/L	#	1
14) Carbon disulfide	4.387	76	11503	1.216 ug/L		100
15) Methyl Acetate	4.685	43	1546	0.922 ug/L	#	87
16) Methylene chloride	4.917	84	15531	3.570 ug/L		93
17) trans-1,2-Dichloroethene	5.429	96	3848	1.256 ug/L		86
18) Methyl tert-butyl Ether	5.417	73	1809	0.358 ug/L	#	69
19) 1,1-Dichloroethane	6.216	63	8516	1.318 ug/L		94
20) cis-1,2-Dichloroethene	7.173	96	4177	1.257 ug/L		93
23) Bromochloromethane	7.514	128	1580	1.120 ug/L		81
25) Chloroform	7.673	83	9463	1.555 ug/L		96
27) 1,2-Dichloroethane	8.404	62	5501	1.240 ug/L		98
29) Cyclohexane	7.953	56	5178	0.925 ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	6773	1.357 ug/L		98

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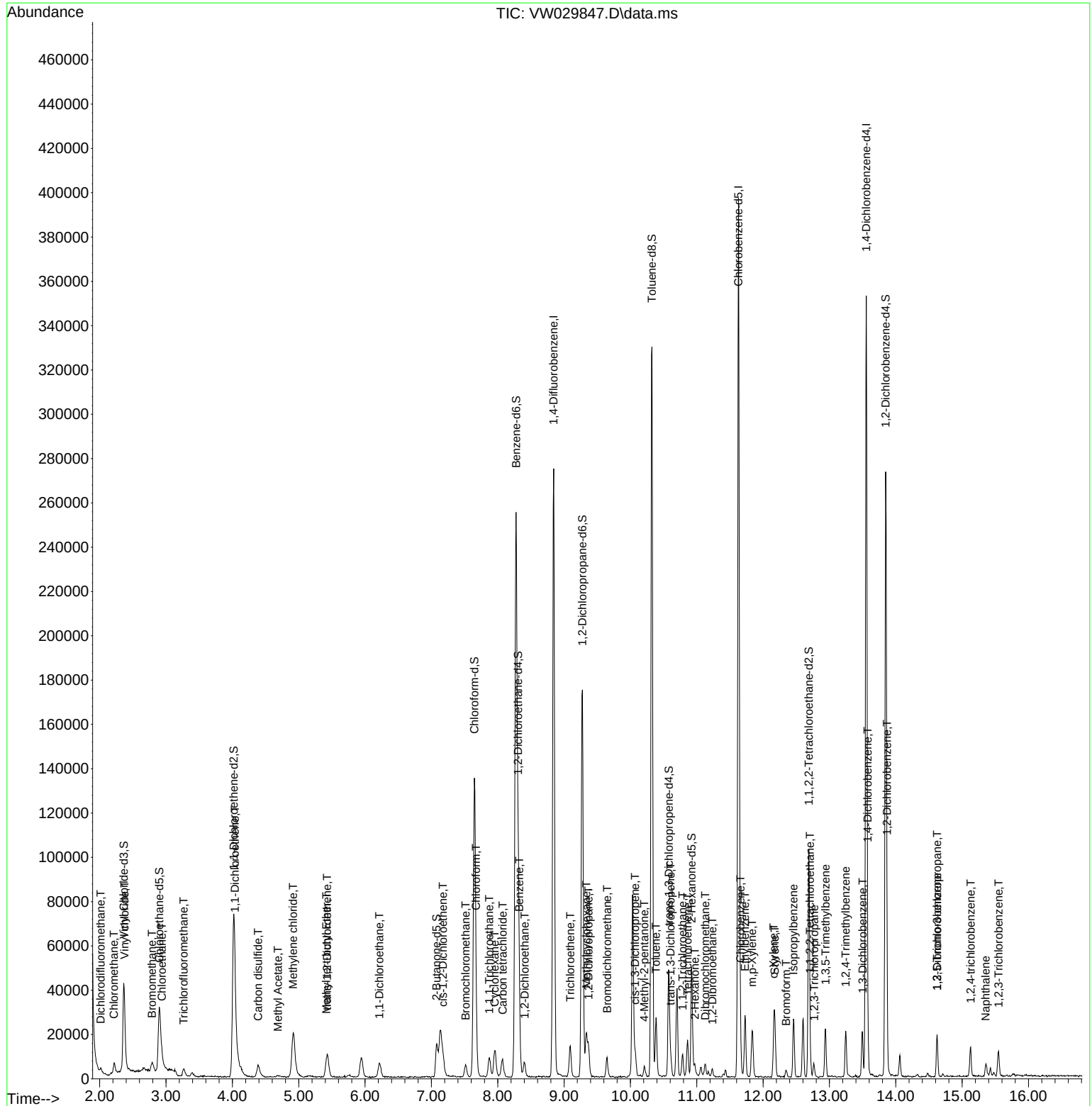
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.075	117	5551	1.235	ug/L	91
33) Benzene	8.325	78	17497	1.296	ug/L	100
34) Trichloroethene	9.093	95	4425	1.250	ug/L	98
35) Methylcyclohexane	9.337	83	6116	1.037	ug/L	91
37) 1,2-Dichloropropane	9.368	63	4985	1.347	ug/L	99
38) Bromodichloromethane	9.648	83	5471	1.242	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	5601	1.040	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	3569	1.519	ug/L	98
42) Toluene	10.386	91	17488	1.269	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	5866	1.311	ug/L	92
45) 1,1,2-Trichloroethane	10.788	97	2850	1.147	ug/L	89
46) Tetrachloroethene	10.861	164	3219	1.251	ug/L	88
48) 2-Hexanone	10.971	43	2649	1.505	ug/L #	89
49) Dibromochloromethane	11.129	129	2805	1.087	ug/L	97
50) 1,2-Dibromoethane	11.233	107	2383	1.036	ug/L #	90
51) Chlorobenzene	11.660	112	10973	1.280	ug/L	95
52) Ethylbenzene	11.727	91	17871	1.150	ug/L	99
53) m,p-Xylene	11.837	106	6316	1.105	ug/L	89
54) o-Xylene	12.160	106	5510	1.047	ug/L	90
55) Styrene	12.178	104	8456	0.927	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	3035	0.995	ug/L #	95
59) Bromoform	12.349	173	1368	1.068	ug/L #	84
60) Isopropylbenzene	12.458	105	14482	1.100	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	2142	1.035	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.940	105	10753	1.098	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10554	1.008	ug/L	97
64) 1,3-Dichlorobenzene	13.501	146	7494	1.334	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	7867	1.363	ug/L	85
67) 1,2-Dichlorobenzene	13.867	146	6886	1.346	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.623	75	1272	2.706	ug/L #	14
69) 1,3,5-Trichlorobenzene	14.623	180	5251	1.366	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	3752	1.158	ug/L	91
71) Naphthalene	15.354	128	4507	0.729	ug/L	95
72) 1,2,3-Trichlorobenzene	15.549	180	3337	1.138	ug/L	95

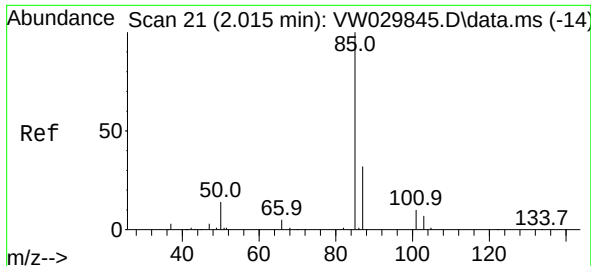
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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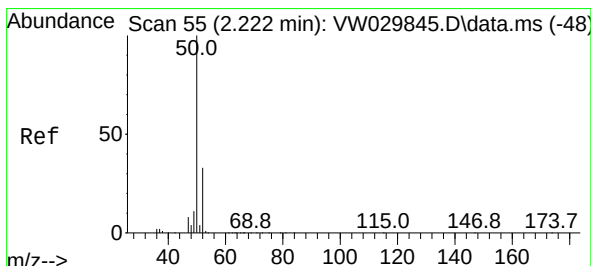
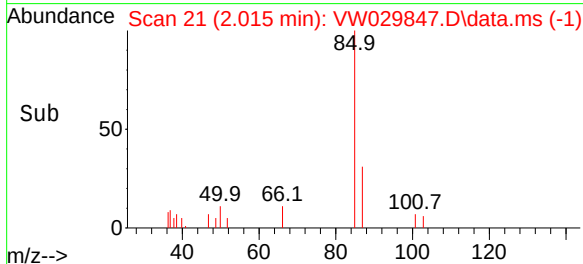
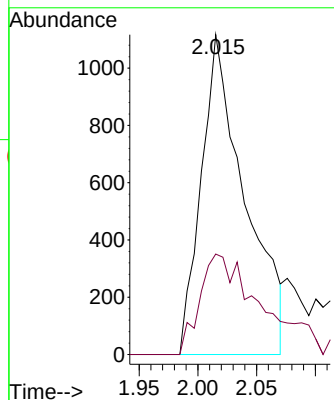
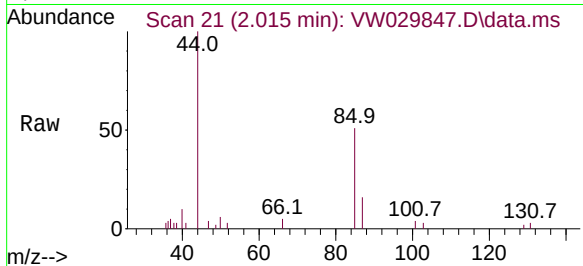




#2
 Dichlorodifluoromethane
 Concen: 1.029 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029847.D
 Acq: 07 Aug 2024 13:22

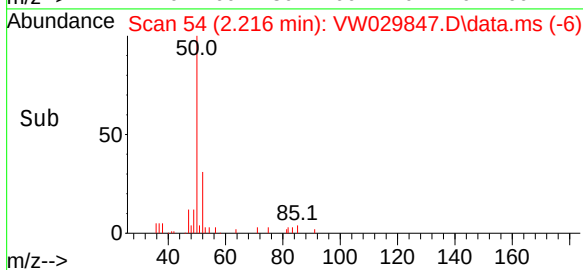
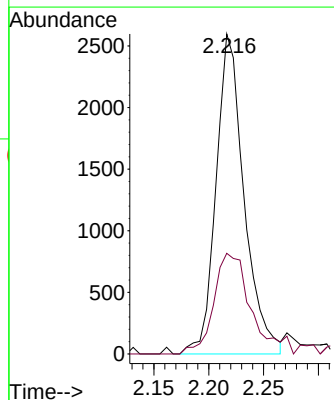
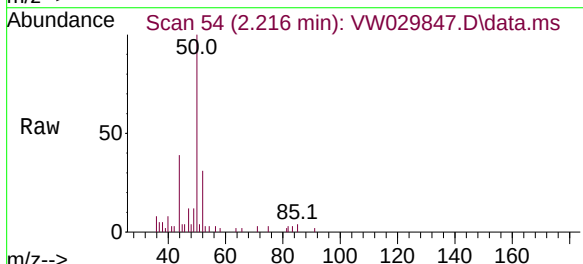
Instrument :
 MSVOA_W
 ClientSampleId :

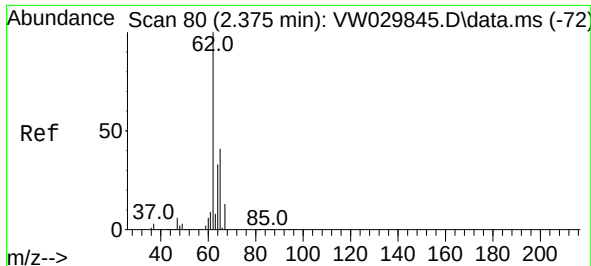
Tgt Ion: 85 Resp: 2886
 Ion Ratio Lower Upper
 85 100
 87 21.3 25.5 38.3#



#3
 Chloromethane
 Concen: 1.331 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW029847.D
 Acq: 07 Aug 2024 13:22

Tgt Ion: 50 Resp: 4621
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.5 41.9

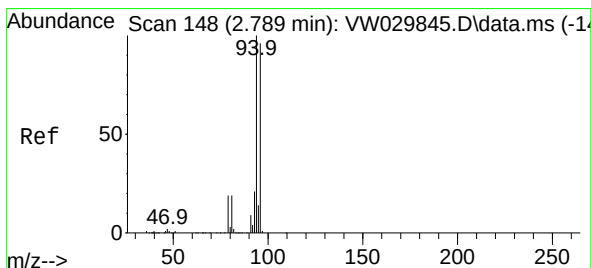
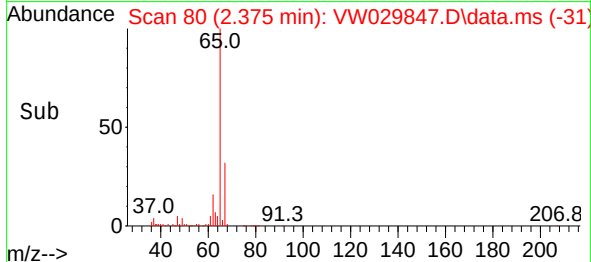
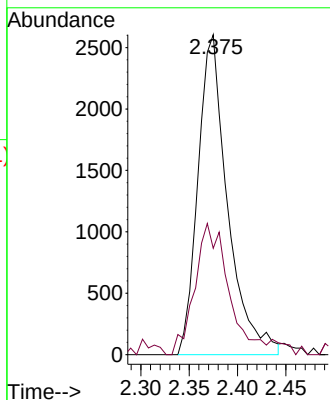
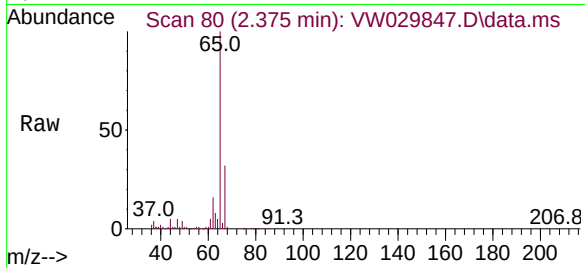




#5
 Vinyl chloride
 Concen: 1.429 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029847.D
 Acq: 07 Aug 2024 13:22

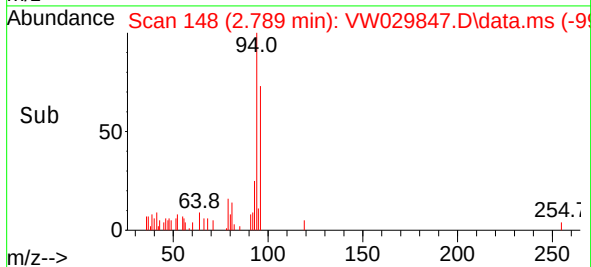
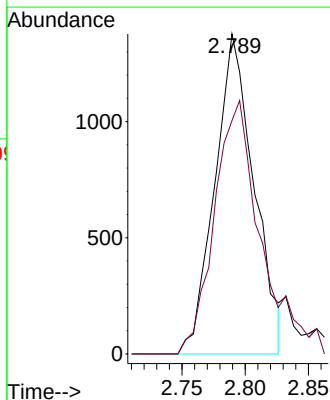
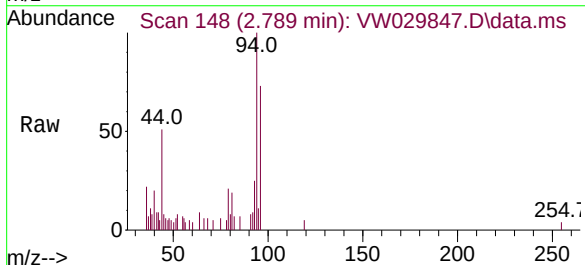
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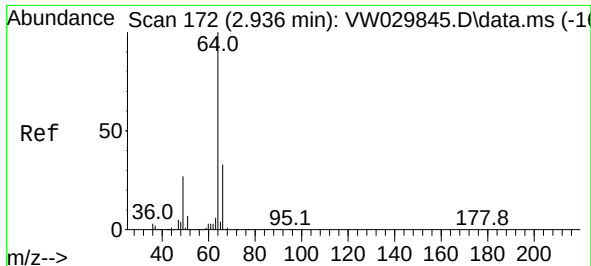
Tgt Ion: 62 Resp: 5556
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 1.389 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029847.D
 Acq: 07 Aug 2024 13:22

Tgt Ion: 94 Resp: 2967
 Ion Ratio Lower Upper
 94 100
 96 72.9 66.2 123.0

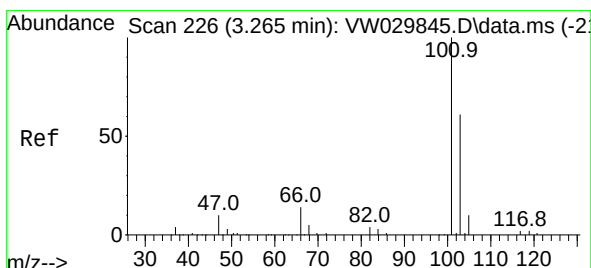
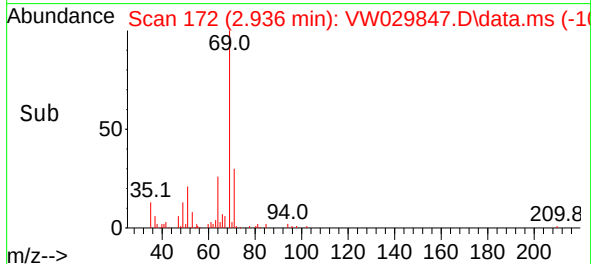
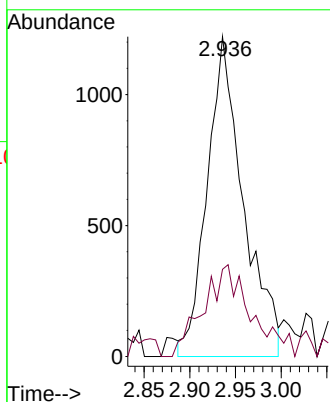
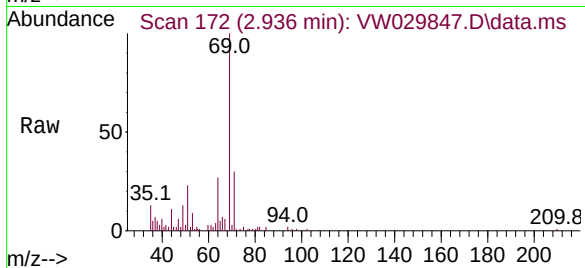




#8
Chloroethane
Concen: 1.522 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

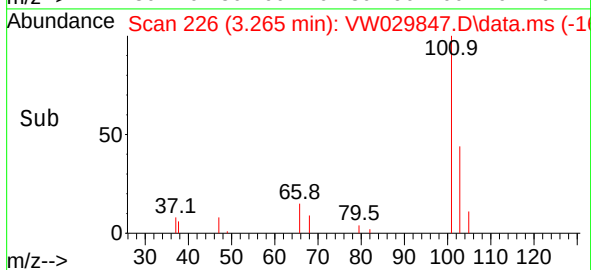
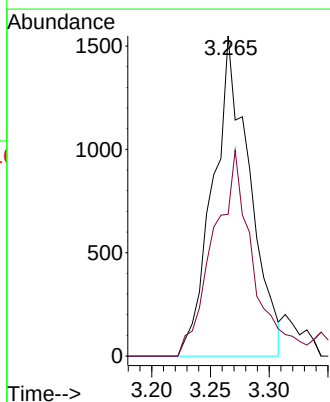
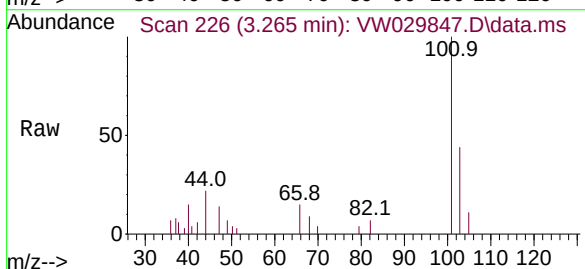
Instrument :
MSVOA_W
ClientSampleId :

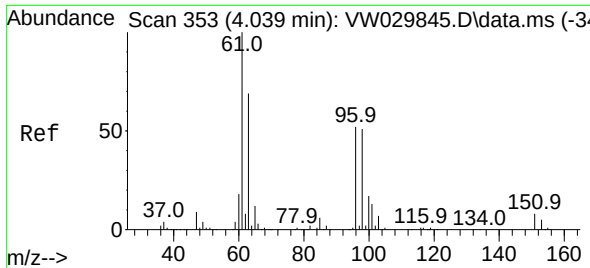
Tgt Ion: 64 Resp: 3368
Ion Ratio Lower Upper
64 100
66 27.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 1.085 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Tgt Ion:101 Resp: 3371
Ion Ratio Lower Upper
101 100
103 38.0 51.0 76.4#





#12

1,1-Dichloroethene

Concen: 1.244 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

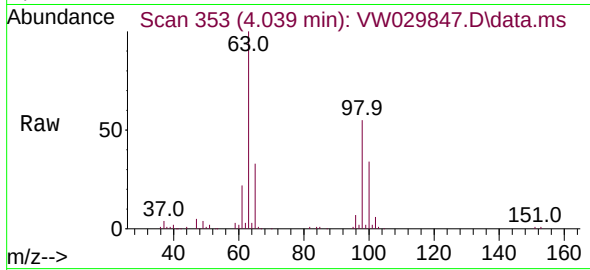
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Acq: 07 Aug 2024 13:22

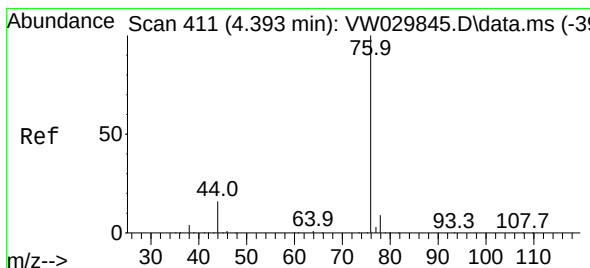
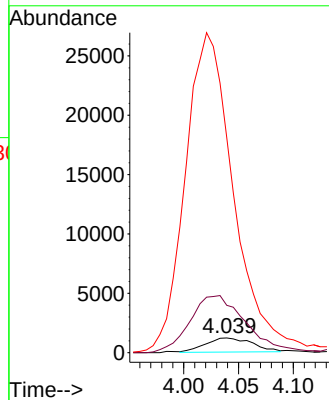
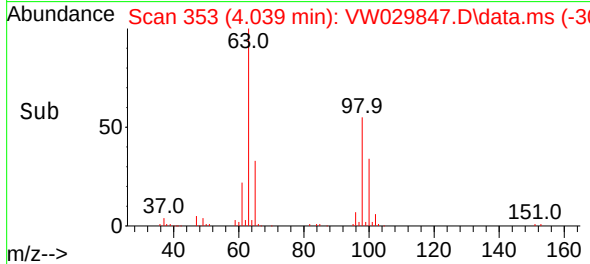
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	96	Resp:	3536
Ion	Ratio	Lower	Upper
96	100		
61	321.7	138.3	256.9#
63	1458.3	89.0	165.4#



#14

Carbon disulfide

Concen: 1.216 ug/L

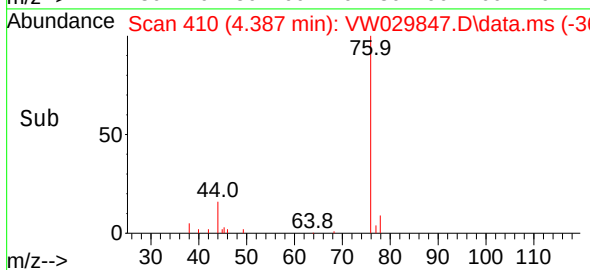
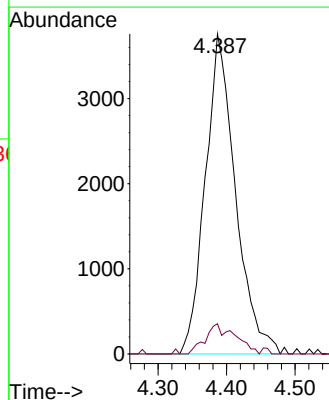
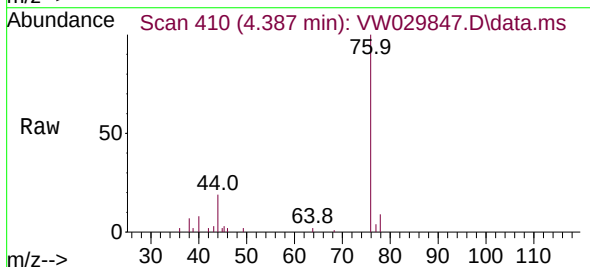
RT: 4.387 min Scan# 410

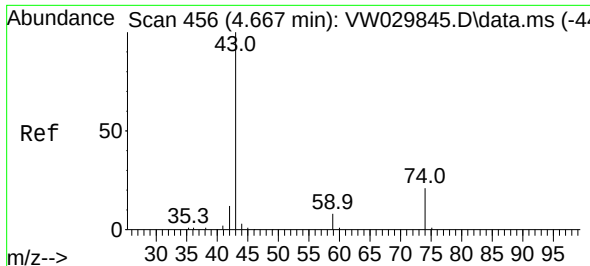
Delta R.T. -0.006 min

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Tgt Ion:	76	Resp:	11503
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.6	11.4





#15

Methyl Acetate

Concen: 0.922 ug/L

RT: 4.685 min Scan# 4

Delta R.T. 0.018 min

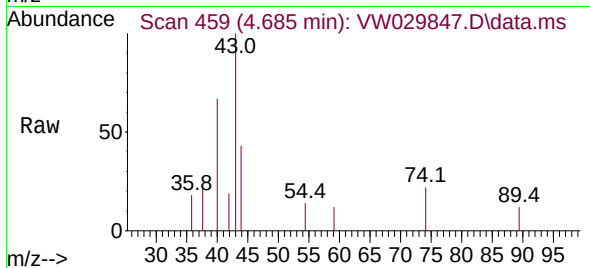
Lab File: VW029847.D

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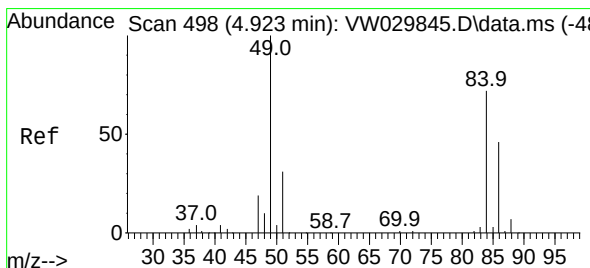
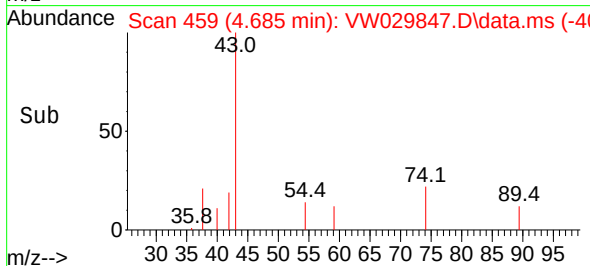
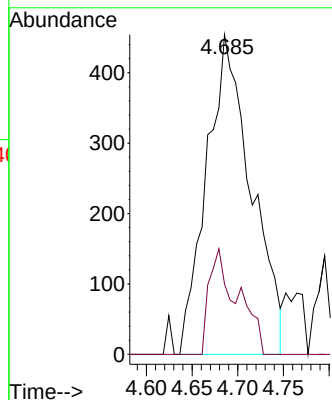


Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

74 14.7 16.5 24.7#



#16

Methylene chloride

Concen: 3.570 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

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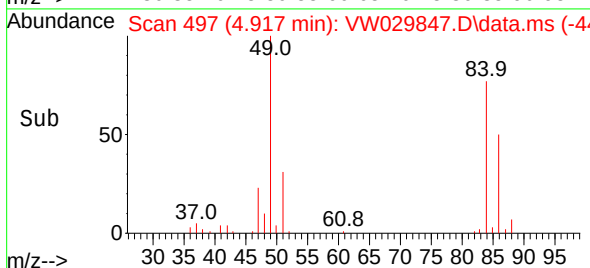
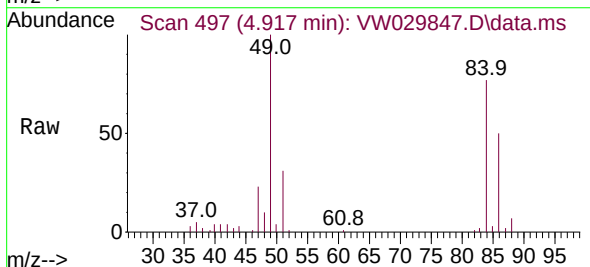
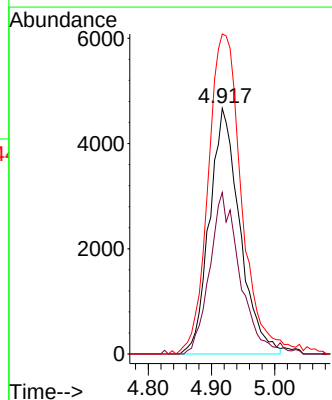
Tgt Ion: 84 Resp: 15531

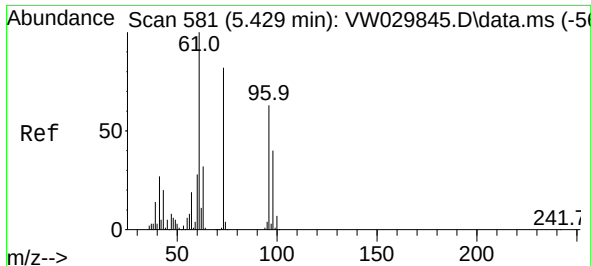
Ion Ratio Lower Upper

84 100

86 65.7 44.7 82.9

49 130.3 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 1.256 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

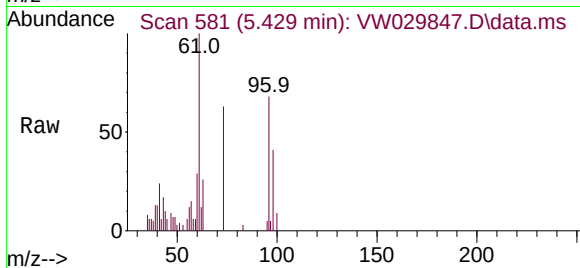
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ClientSampleId :



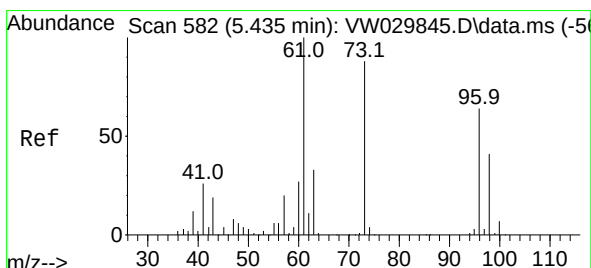
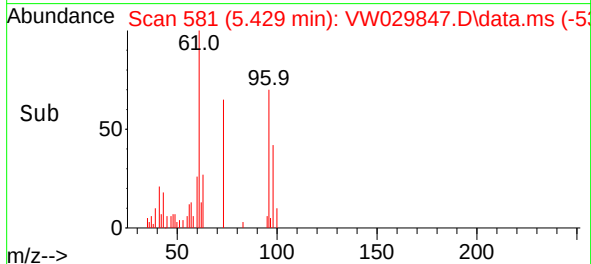
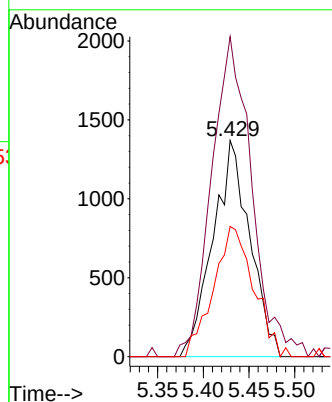
Tgt Ion: 96 Resp: 3848

Ion Ratio Lower Upper

96 100

61 138.7 111.2 206.6

98 56.5 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 0.358 ug/L

RT: 5.417 min Scan# 579

Delta R.T. -0.018 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

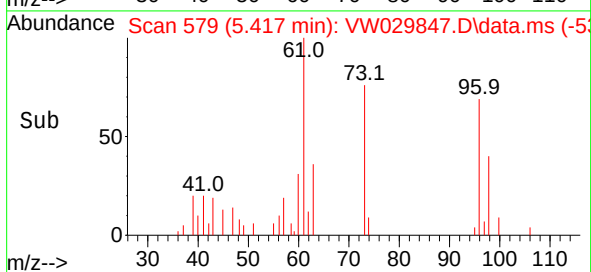
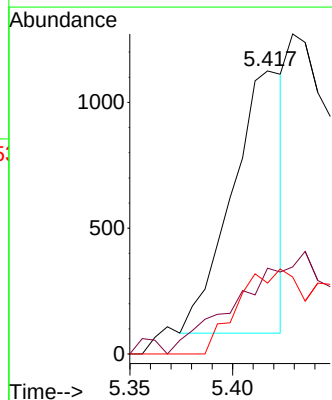
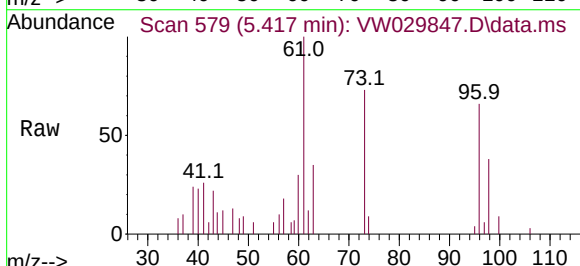
Tgt Ion: 73 Resp: 1809

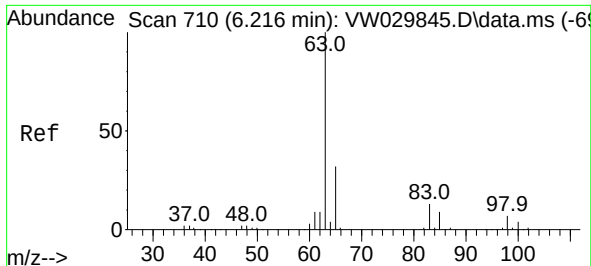
Ion Ratio Lower Upper

73 100

43 35.6 18.3 27.5#

57 39.2 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.318 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

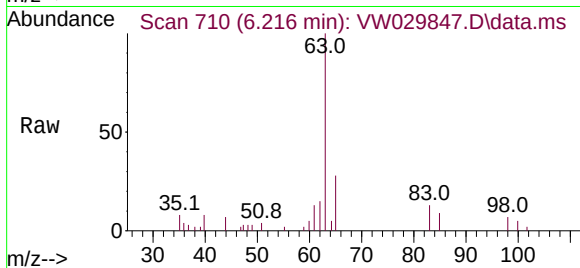
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



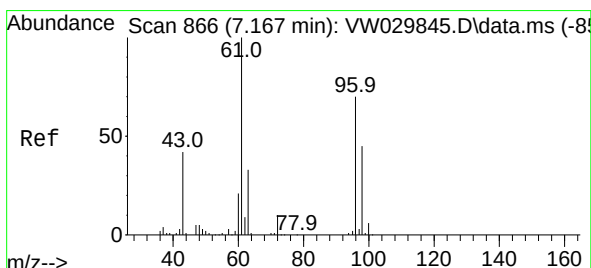
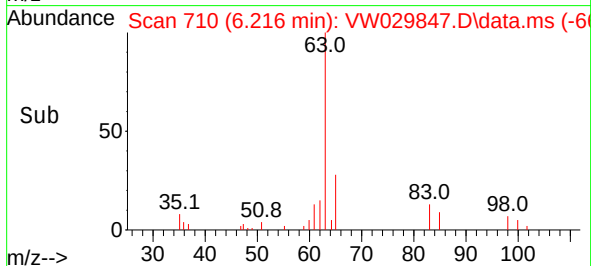
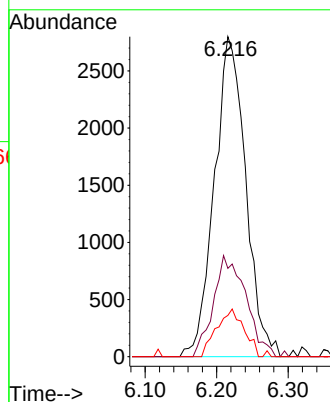
Tgt Ion: 63 Resp: 8516

Ion Ratio Lower Upper

63 100

65 27.6 22.3 41.3

83 12.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 1.257 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

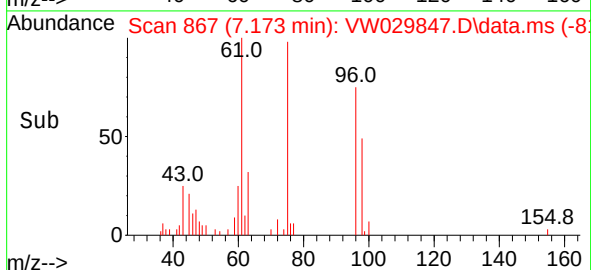
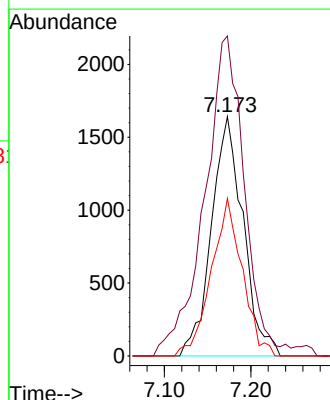
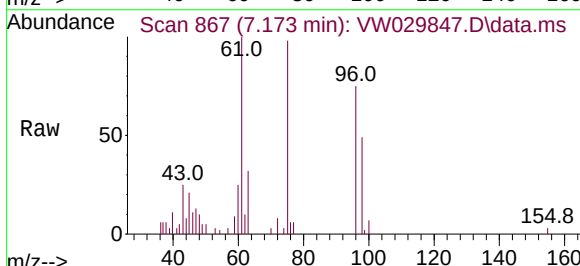
Tgt Ion: 96 Resp: 4177

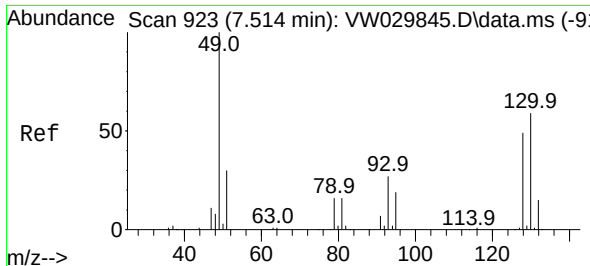
Ion Ratio Lower Upper

96 100

61 133.7 98.2 182.4

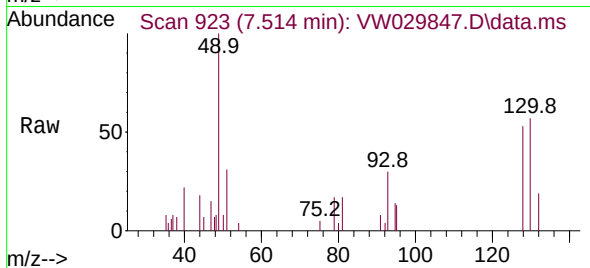
98 68.9 41.9 77.9



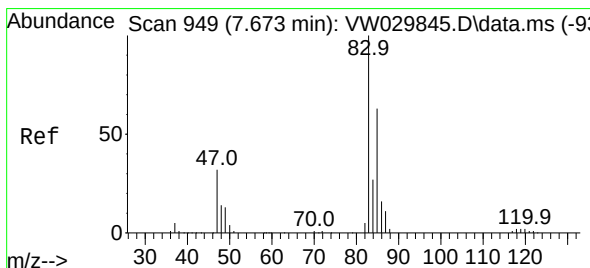
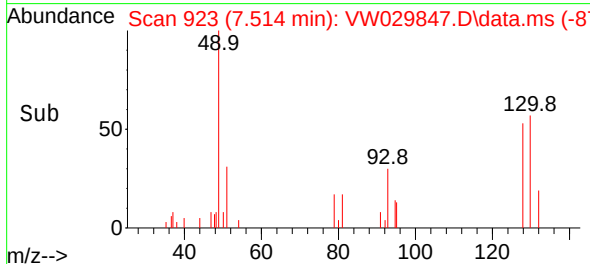
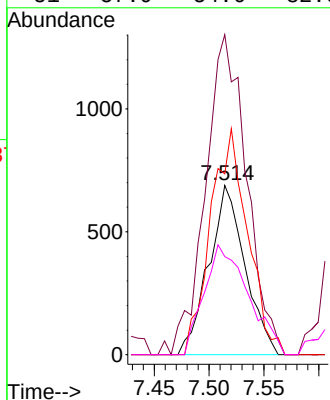


#23
Bromochloromethane
Concen: 1.120 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Instrument :
MSVOA_W
ClientSampleId :

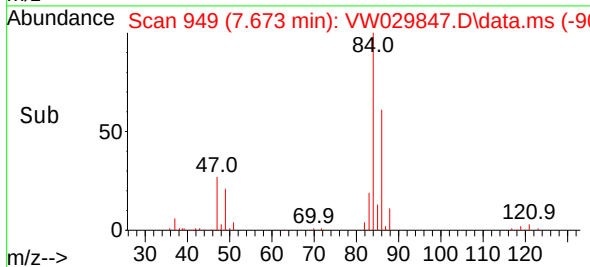
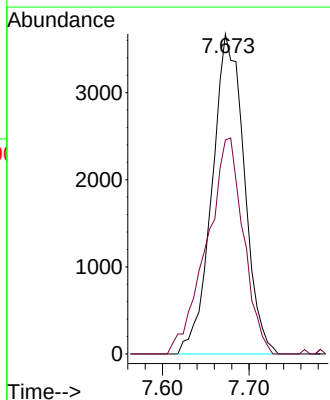
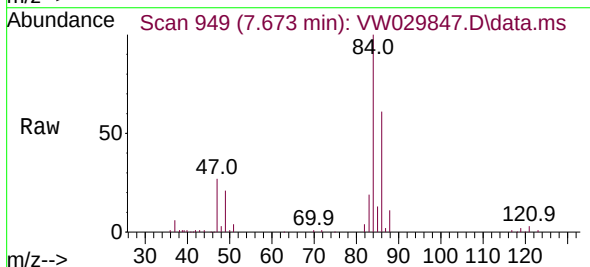


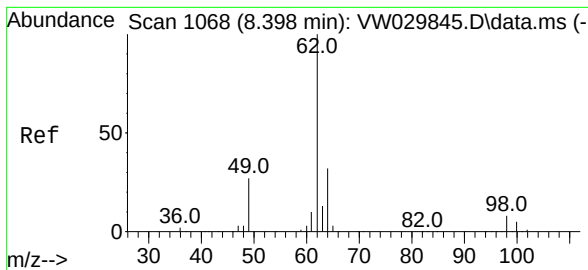
Tgt Ion:	128	Resp:	1580
Ion	Ratio	Lower	Upper
128	100		
49	189.0	151.1	280.7
130	106.8	96.8	179.8
51	57.9	54.6	82.0



#25
Chloroform
Concen: 1.555 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Tgt Ion:	83	Resp:	9463
Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.4	82.4





#27

1,2-Dichloroethane

Concen: 1.240 ug/L

RT: 8.404 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

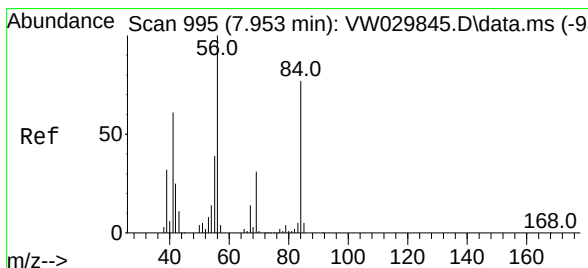
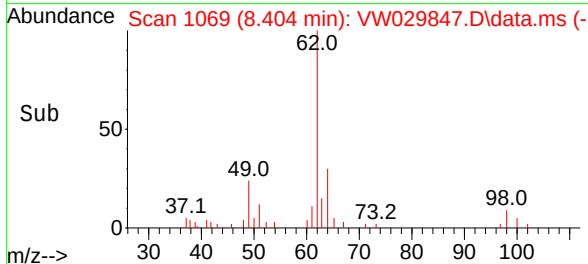
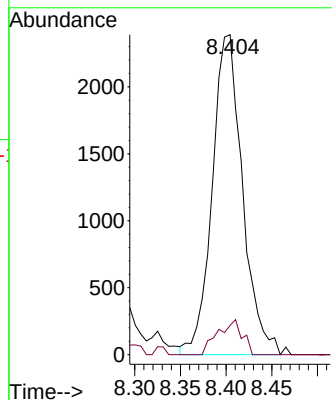
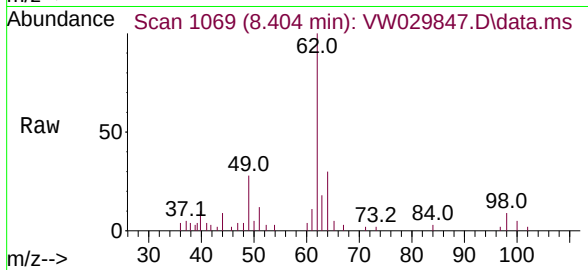
ClientSampleId :

Tgt Ion: 62 Resp: 5501

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0



#29

Cyclohexane

Concen: 0.925 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

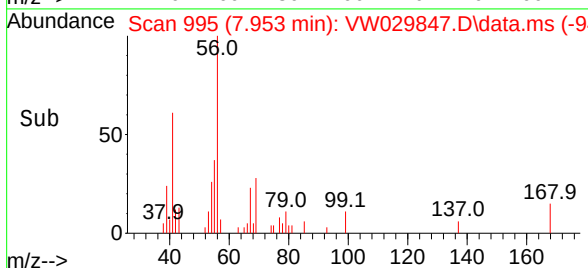
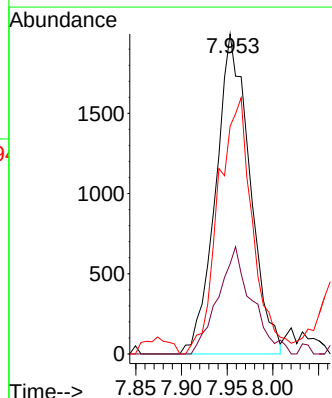
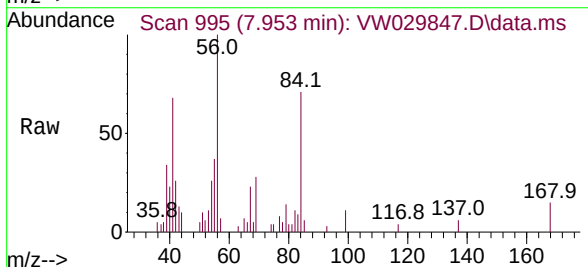
Tgt Ion: 56 Resp: 5178

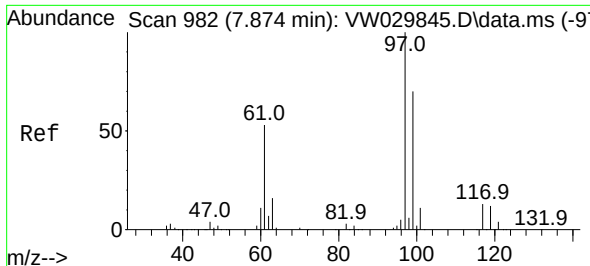
Ion Ratio Lower Upper

56 100

69 32.2 23.0 34.4

84 81.0 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 1.357 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

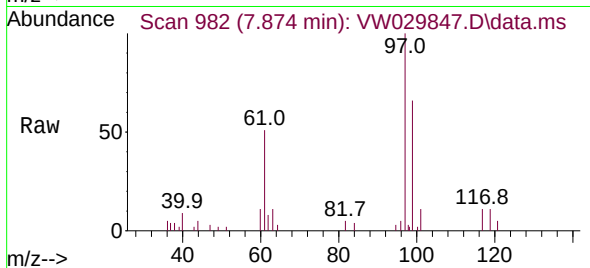
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



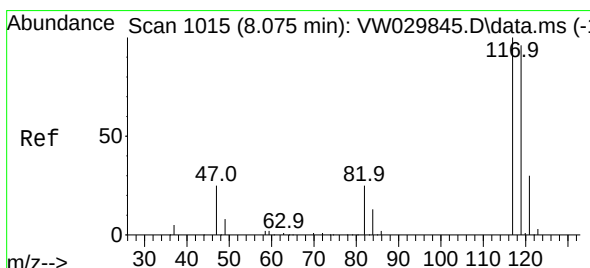
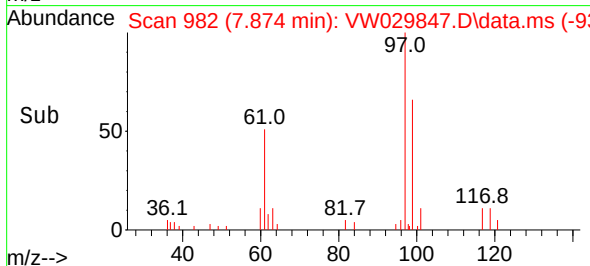
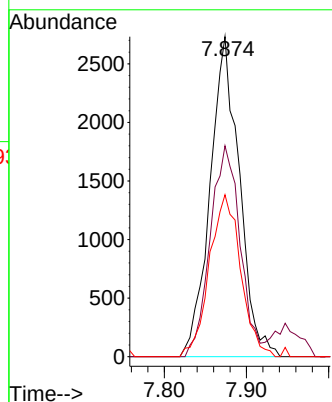
Tgt Ion: 97 Resp: 6773

Ion Ratio Lower Upper

97 100

99 66.9 52.1 78.1

61 53.9 42.6 63.8



#31

Carbon tetrachloride

Concen: 1.235 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW029847.D

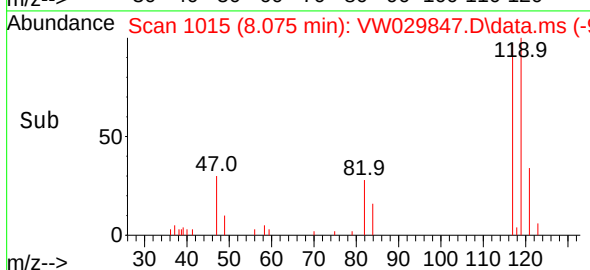
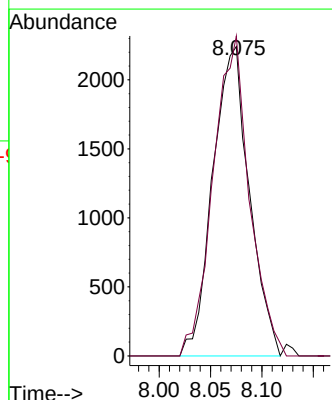
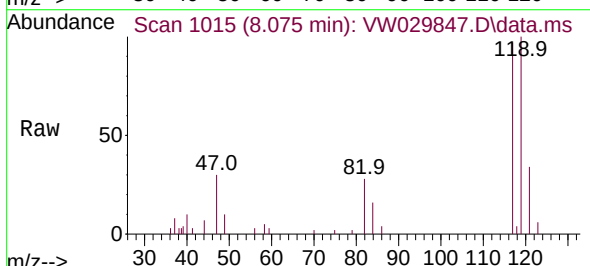
Acq: 07 Aug 2024 13:22

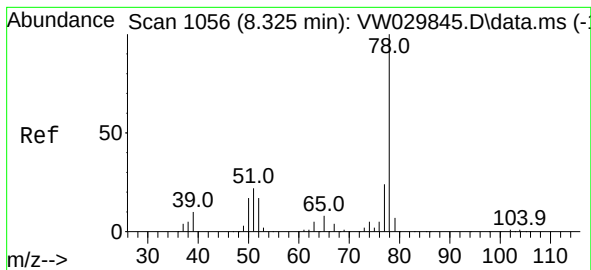
Tgt Ion: 117 Resp: 5551

Ion Ratio Lower Upper

117 100

119 102.1 74.8 112.2





#33

Benzene

Concen: 1.296 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW029847.D

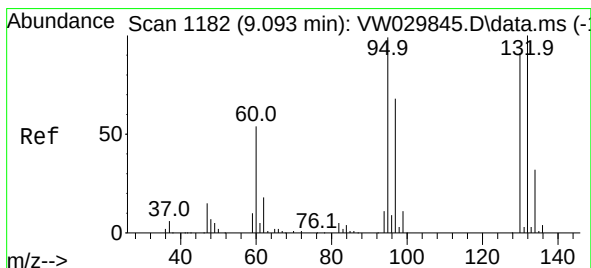
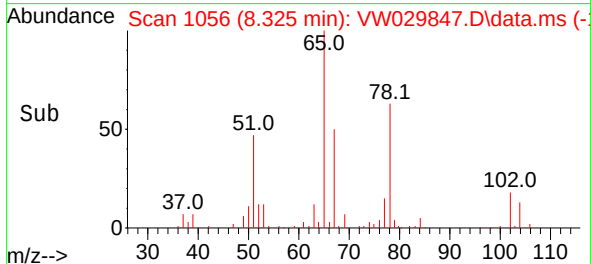
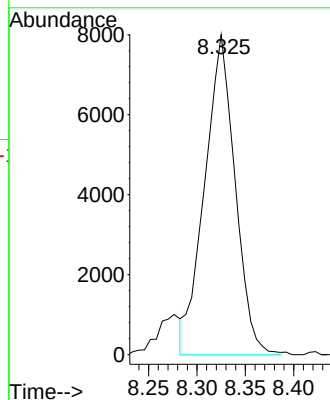
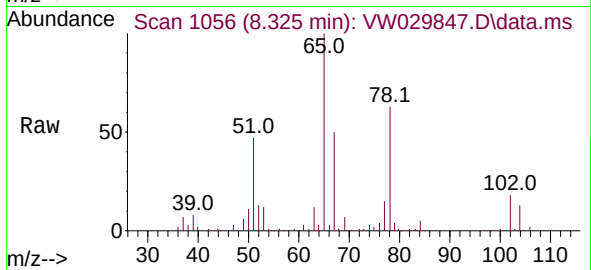
Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 17497



#34

Trichloroethene

Concen: 1.250 ug/L

RT: 9.093 min Scan# 1182

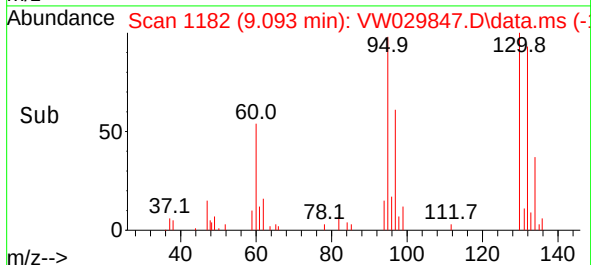
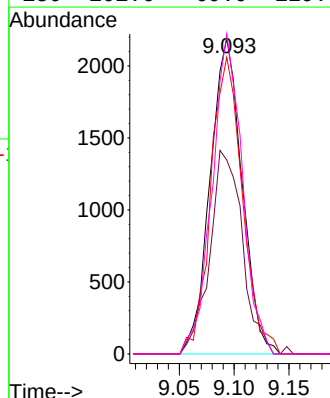
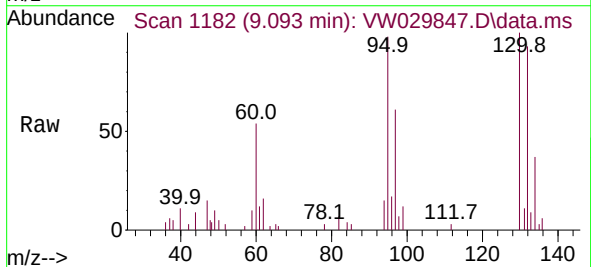
Delta R.T. 0.000 min

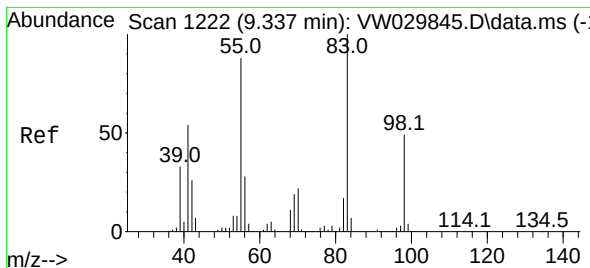
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Tgt Ion: 95 Resp: 4425

Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.6	84.8
132	94.1	65.2	121.0
130	101.6	69.9	129.7





#35

Methylcyclohexane

Concen: 1.037 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

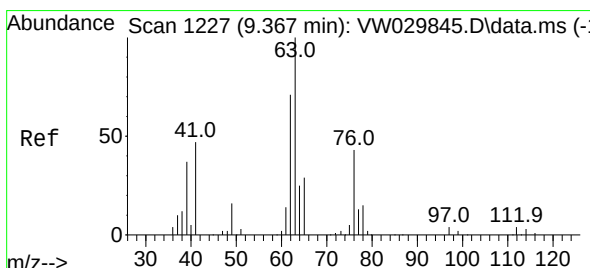
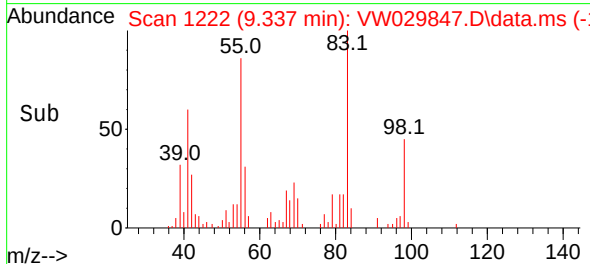
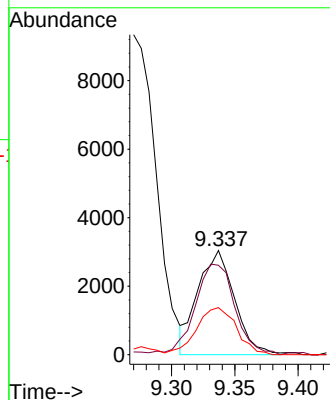
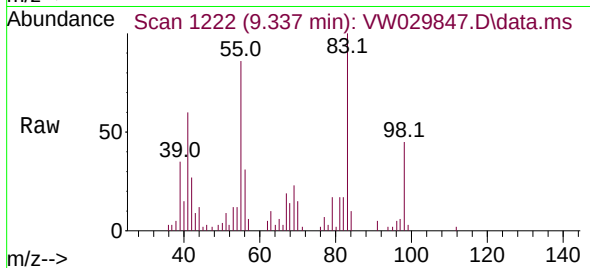
Tgt Ion: 83 Resp: 6116

Ion Ratio Lower Upper

83 100

55 94.8 67.4 101.2

98 49.4 36.7 55.1



#37

1,2-Dichloropropane

Concen: 1.347 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029847.D

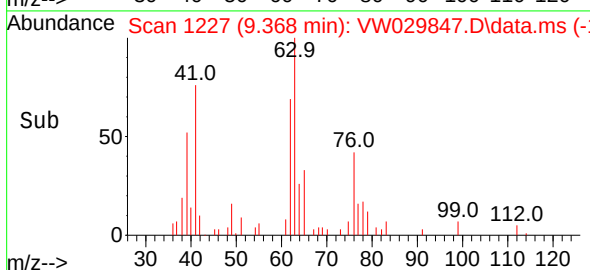
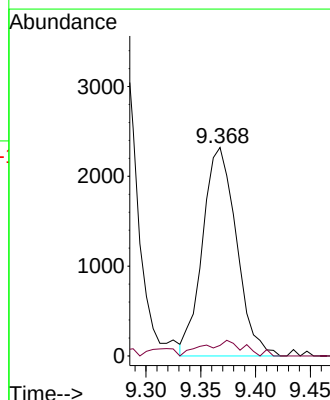
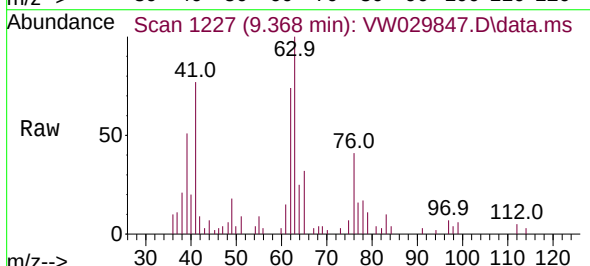
Acq: 07 Aug 2024 13:22

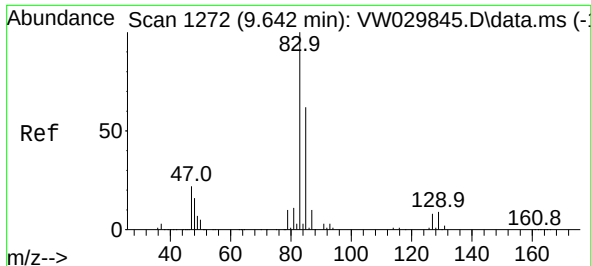
Tgt Ion: 63 Resp: 4985

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9





#38

Bromodichloromethane

Concen: 1.242 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

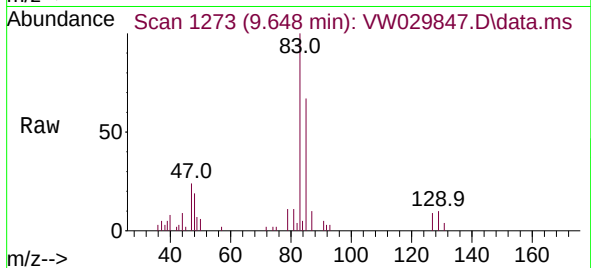
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

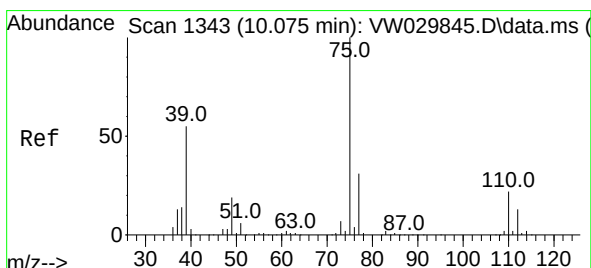
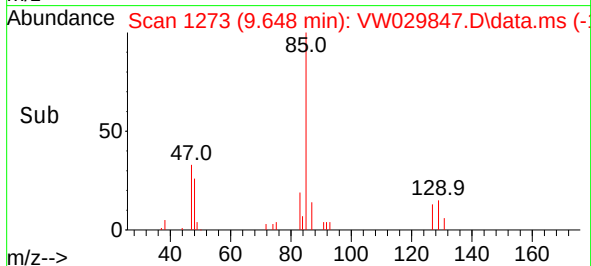
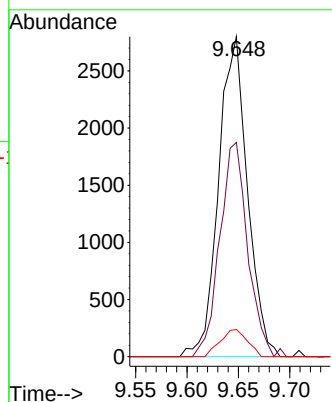
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	5471
Ion Ratio	Lower	Upper	
83	100		
85	67.0	46.6	86.6
127	8.5	5.9	8.9



#39

cis-1,3-Dichloropropene

Concen: 1.040 ug/L

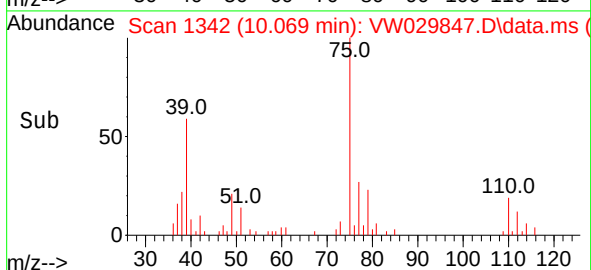
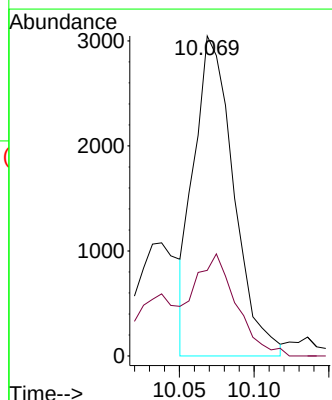
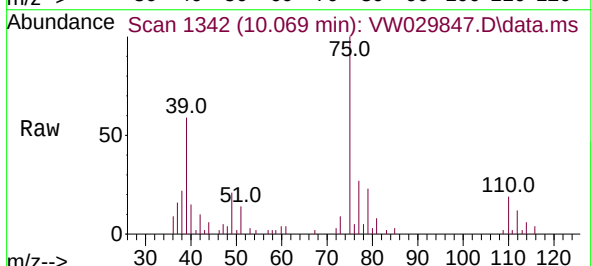
RT: 10.069 min Scan# 1342

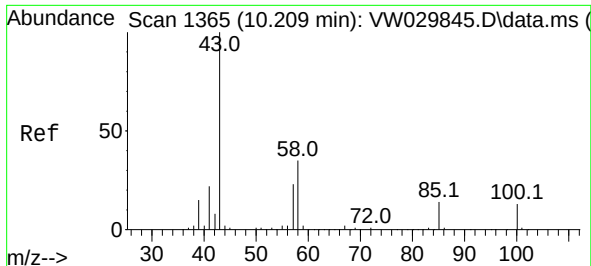
Delta R.T. -0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Tgt Ion:	75	Resp:	5601
Ion Ratio	Lower	Upper	
75	100		
77	26.8	20.8	38.6





#40

4-Methyl-2-pentanone

Concen: 1.519 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

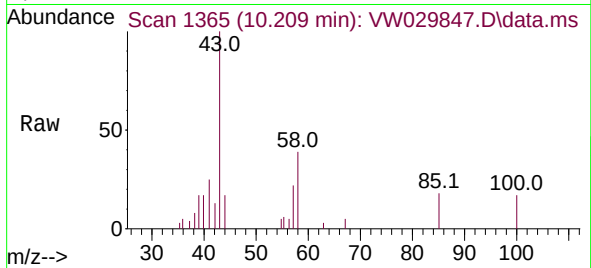
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



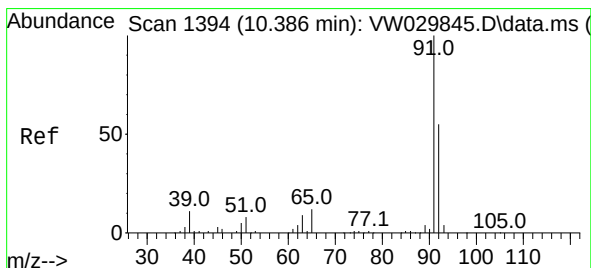
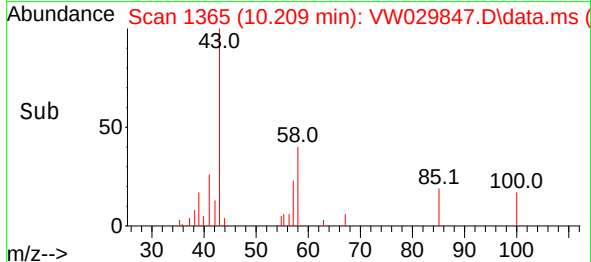
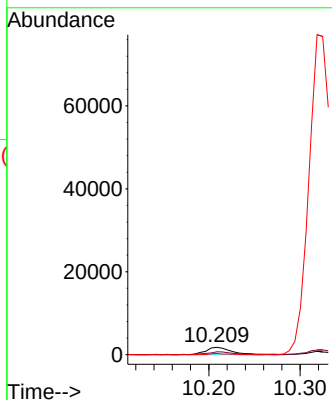
Tgt Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 36.9 28.7 43.1

100 11.6 10.0 15.0



#42

Toluene

Concen: 1.269 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029847.D

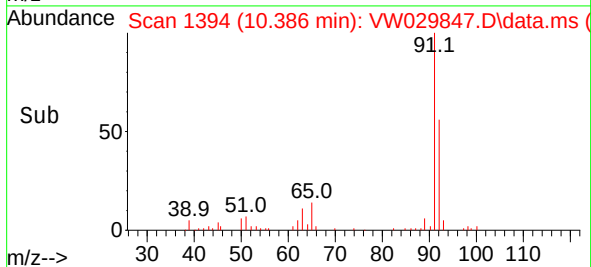
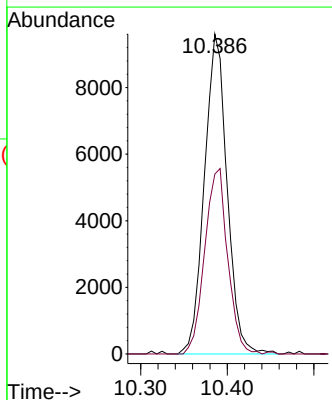
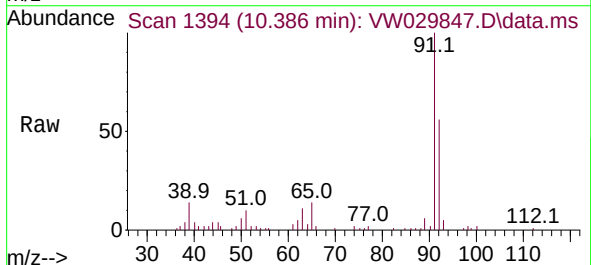
Acq: 07 Aug 2024 13:22

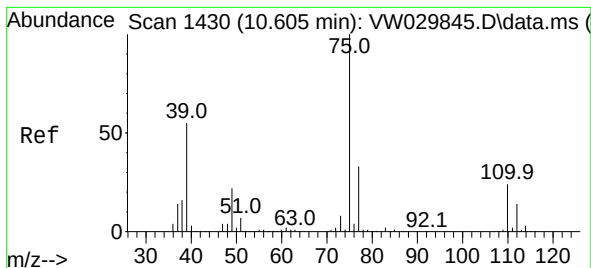
Tgt Ion: 91 Resp: 17488

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 1.311 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

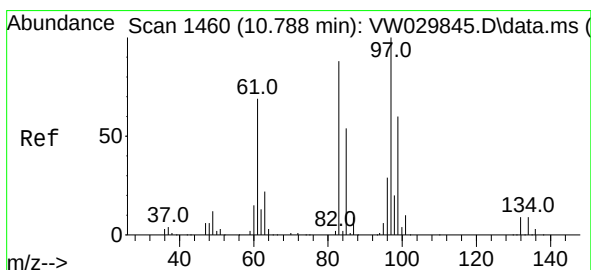
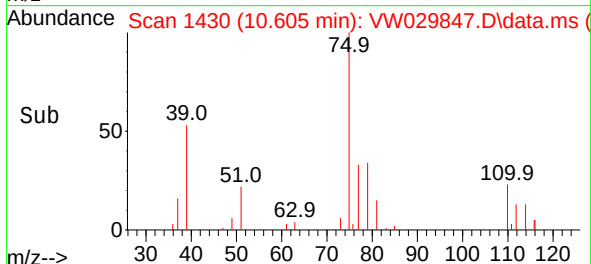
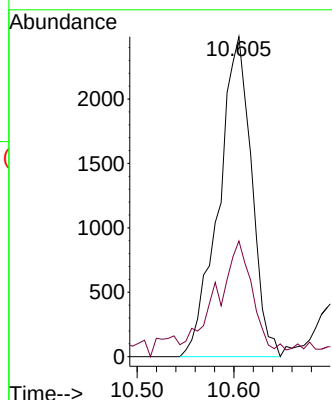
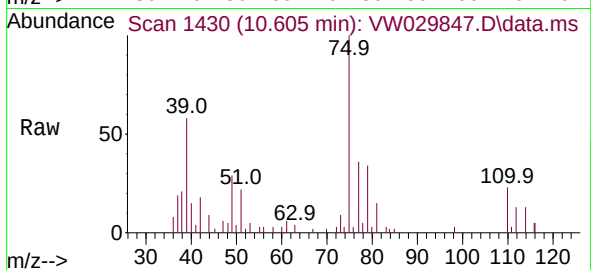
ClientSampleId :

Tgt Ion: 75 Resp: 5866

Ion Ratio Lower Upper

75 100

77 36.2 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 1.147 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Tgt Ion: 97 Resp: 2850

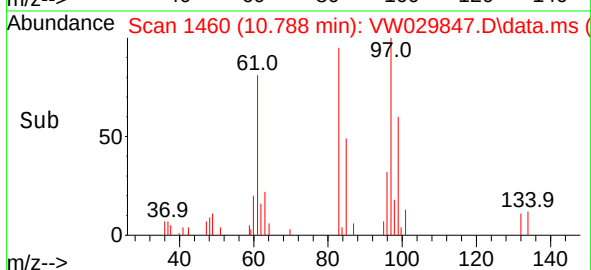
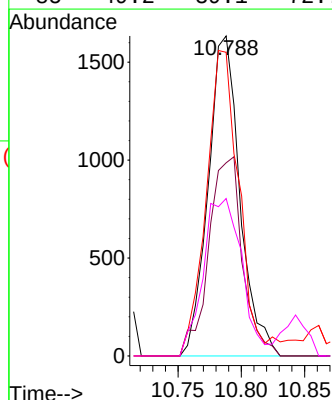
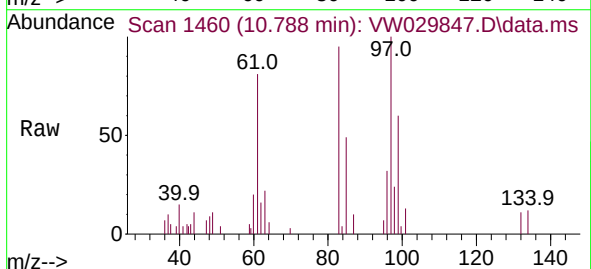
Ion Ratio Lower Upper

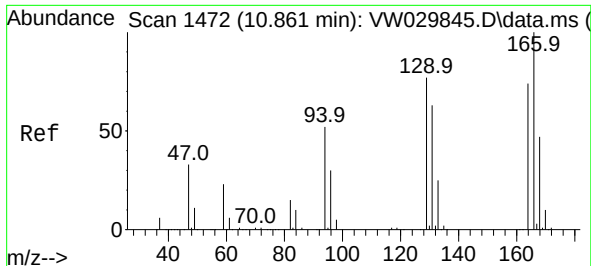
97 100

99 64.0 40.1 74.5

83 94.9 58.5 108.7

85 49.2 39.1 72.7





#46

Tetrachloroethene

Concen: 1.251 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

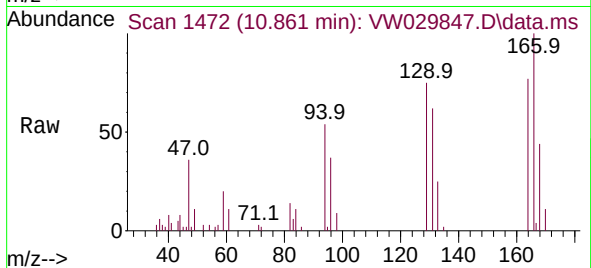
Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 3219

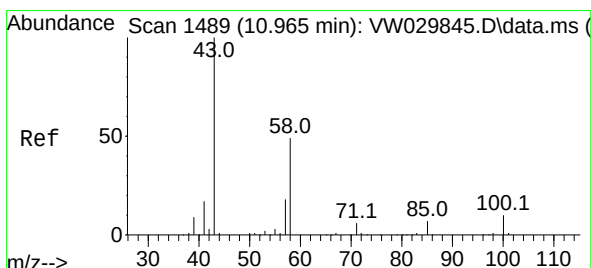
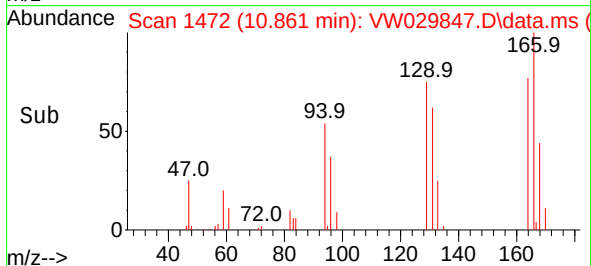
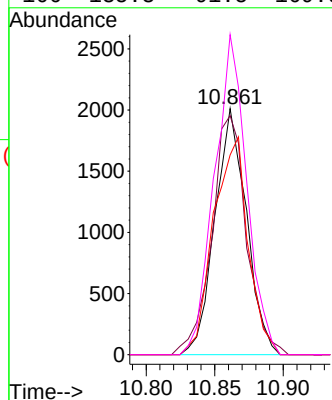
Ion Ratio Lower Upper

164 100

129 97.1 77.8 144.6

131 81.2 70.9 131.7

166 135.3 91.5 169.9



#48

2-Hexanone

Concen: 1.505 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Tgt Ion: 43 Resp: 2649

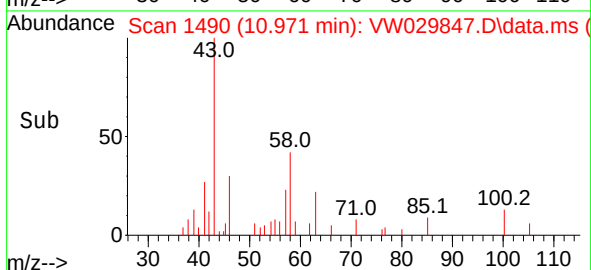
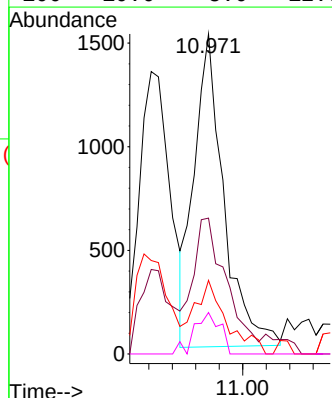
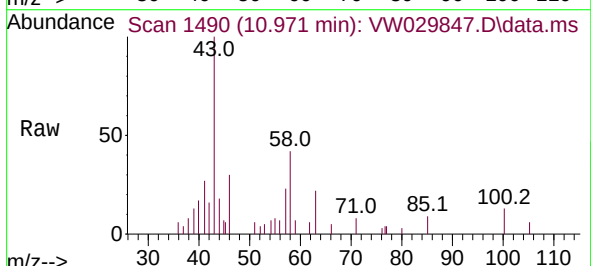
Ion Ratio Lower Upper

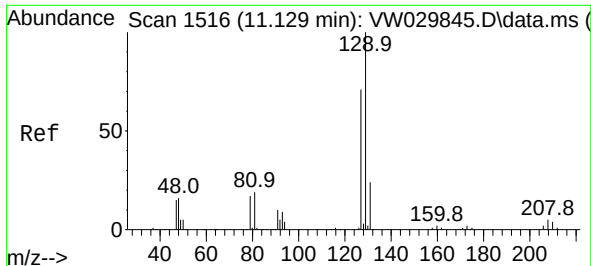
43 100

58 43.5 41.0 61.4

57 23.8 14.1 21.1#

100 10.6 8.0 12.0





#49

Dibromochloromethane

Concen: 1.087 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

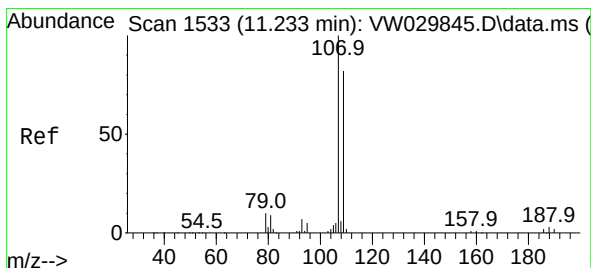
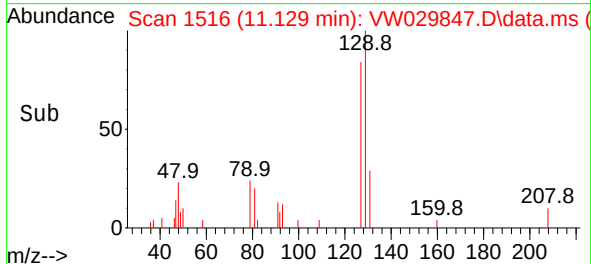
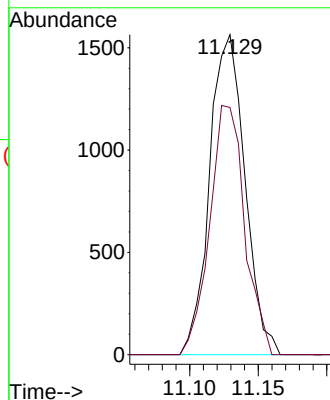
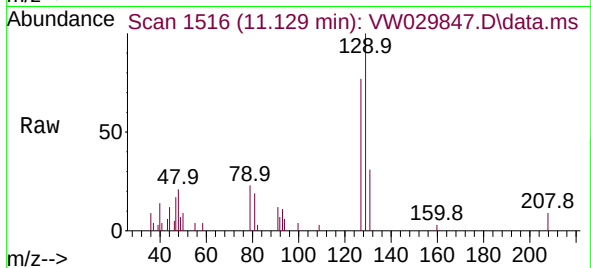
ClientSampleId :

Tgt Ion:129 Resp: 2805

Ion Ratio Lower Upper

129 100

127 77.2 52.4 97.2



#50

1,2-Dibromoethane

Concen: 1.036 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

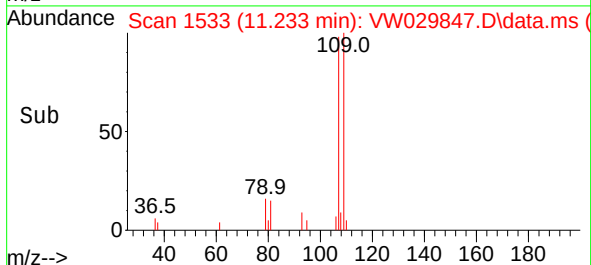
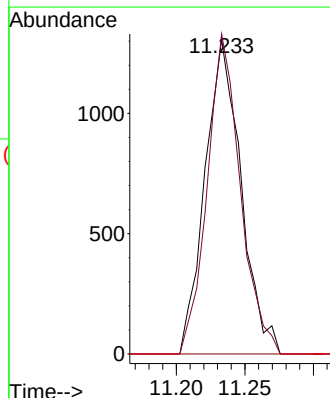
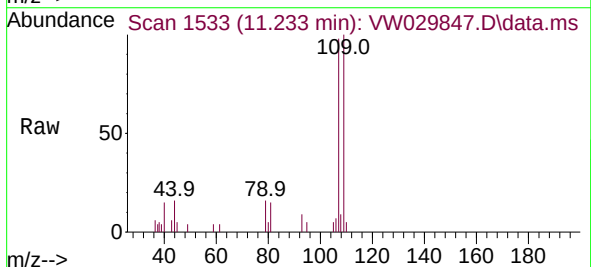
Tgt Ion:107 Resp: 2383

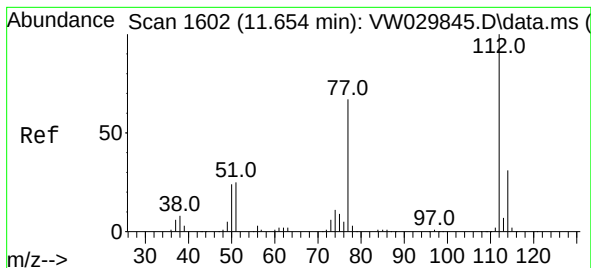
Ion Ratio Lower Upper

107 100

109 101.8 64.8 120.3

188 0.0 2.7 4.1#

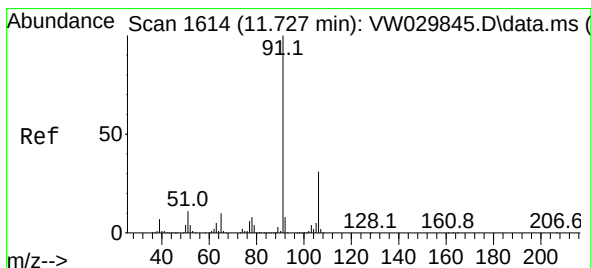
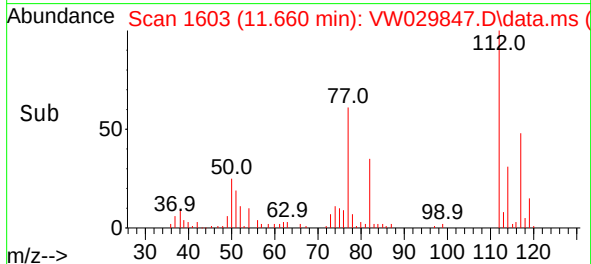
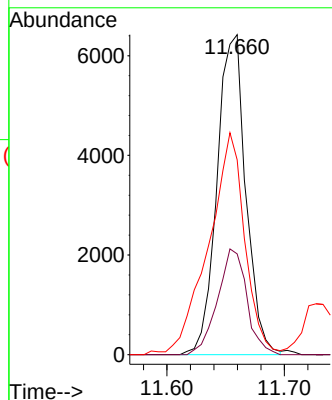
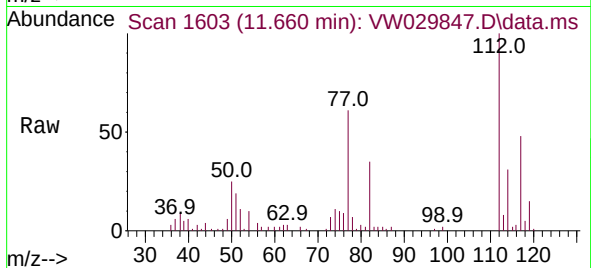




#51
Chlorobenzene
Concen: 1.280 ug/L
RT: 11.660 min Scan# 11603
Delta R.T. 0.006 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

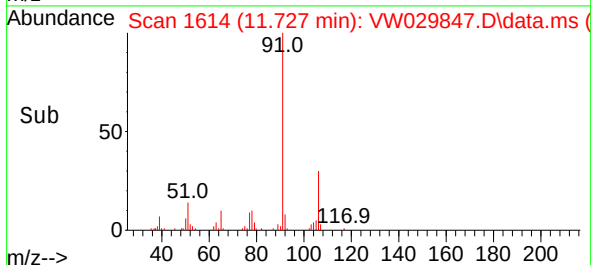
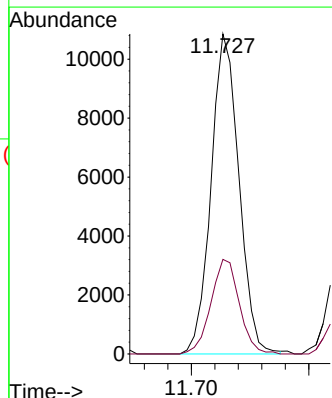
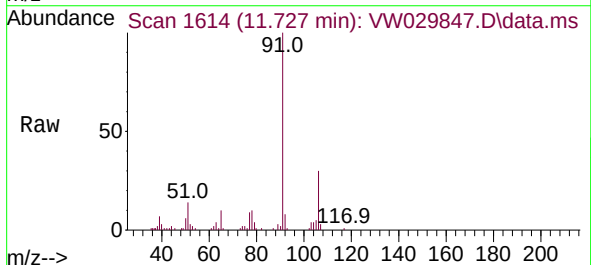
Instrument :
MSVOA_W
ClientSampleId :

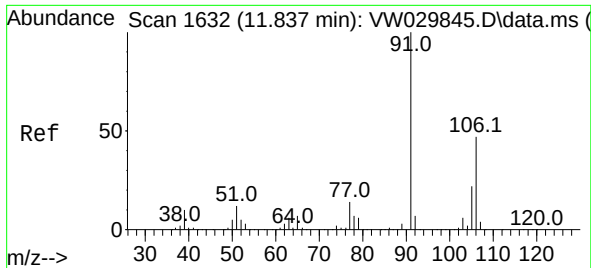
Tgt Ion:112 Resp: 10973
Ion Ratio Lower Upper
112 100
114 31.5 22.0 40.8
77 60.9 53.8 80.8



#52
Ethylbenzene
Concen: 1.150 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 91 Resp: 17871
Ion Ratio Lower Upper
91 100
106 29.6 20.4 38.0

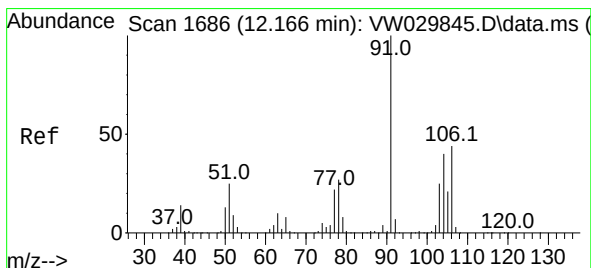
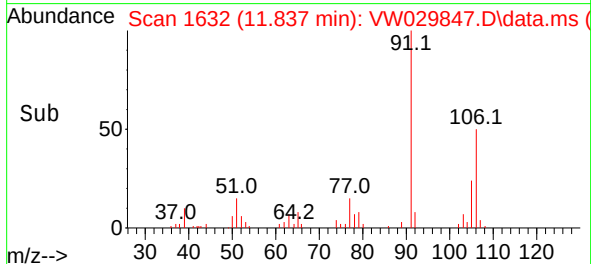
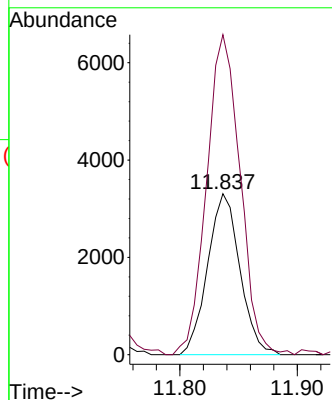
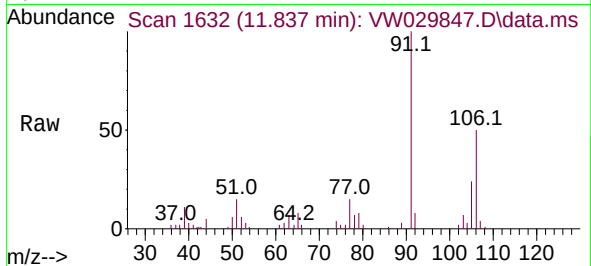




#53
m,p-Xylene
Concen: 1.105 ug/L
RT: 11.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

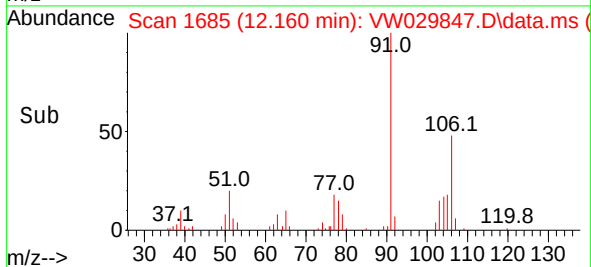
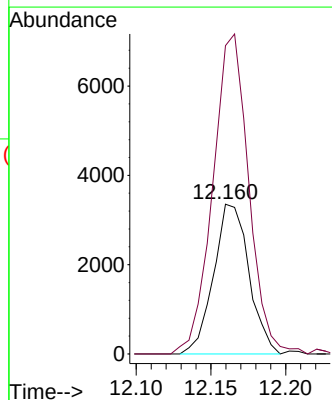
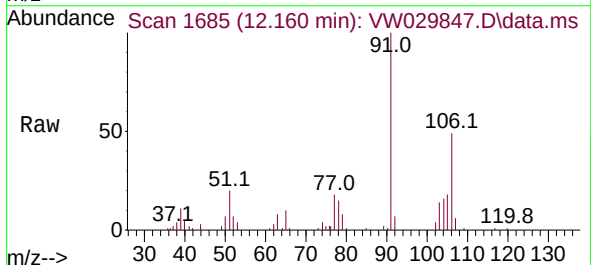
Instrument :
MSVOA_W
ClientSampleId :

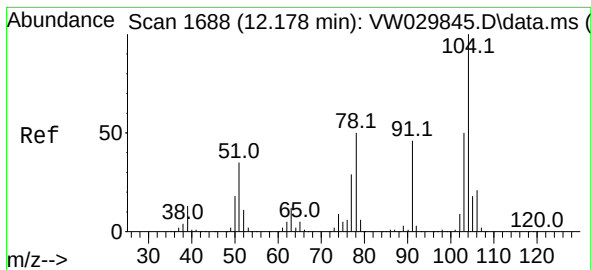
Tgt Ion:106 Resp: 6316
Ion Ratio Lower Upper
106 100
91 198.8 151.4 281.2



#54
o-Xylene
Concen: 1.047 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Tgt Ion:106 Resp: 5510
Ion Ratio Lower Upper
106 100
91 205.8 155.8 289.4





#55

Styrene

Concen: 0.927 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

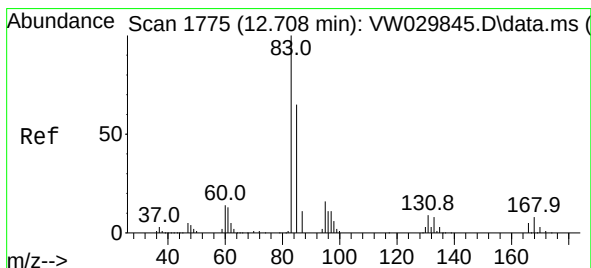
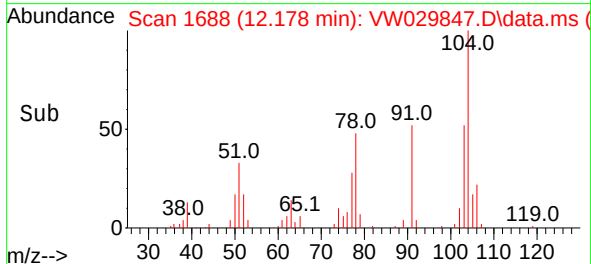
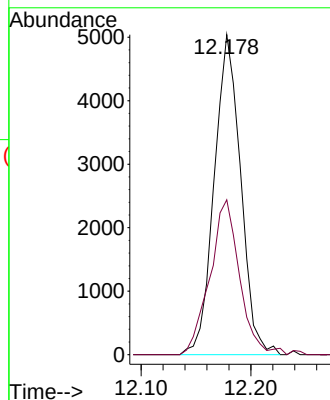
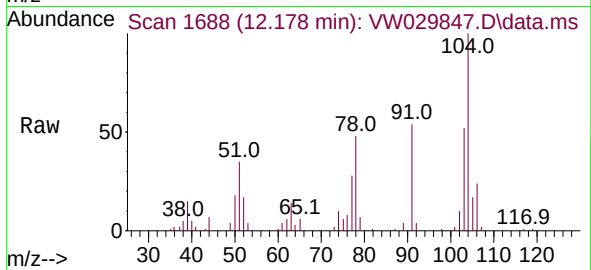
ClientSampleId :

Tgt Ion:104 Resp: 8456

Ion Ratio Lower Upper

104 100

78 48.4 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.995 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

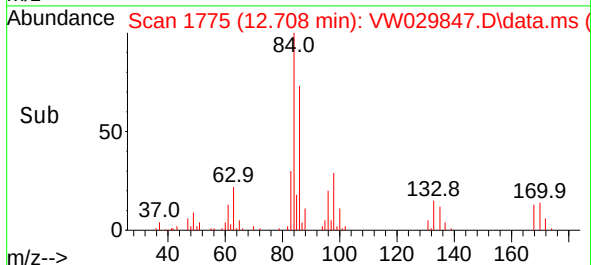
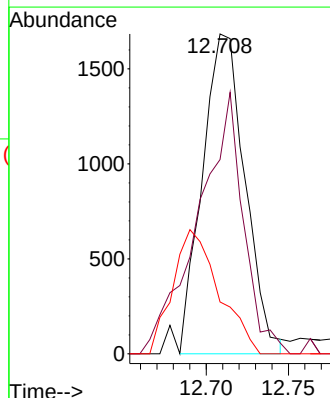
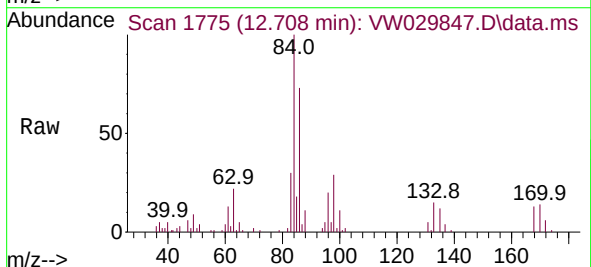
Tgt Ion: 83 Resp: 3035

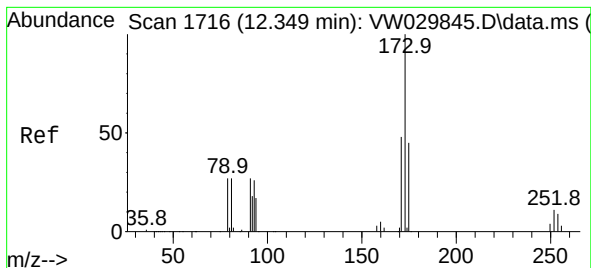
Ion Ratio Lower Upper

83 100

85 60.7 44.2 82.0

131 16.2 6.2 9.2#





#59

Bromoform

Concen: 1.068 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

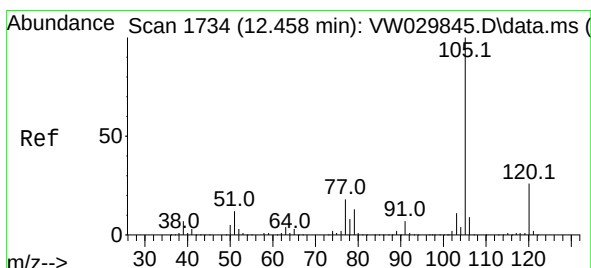
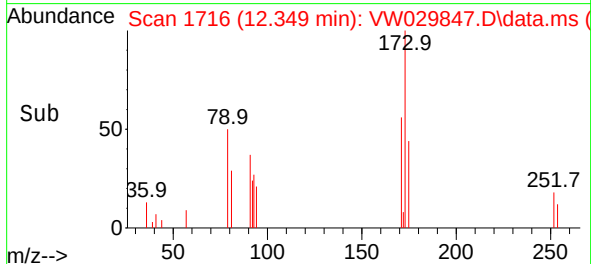
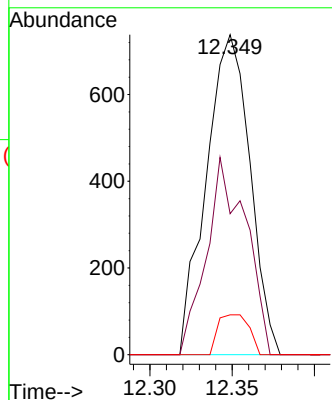
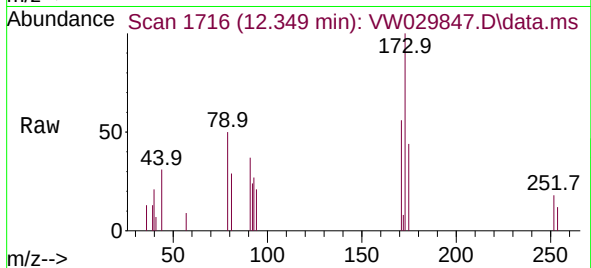
Tgt Ion:173 Resp: 1368

Ion Ratio Lower Upper

173 100

175 34.8 38.1 57.1#

254 8.8 7.8 11.6



#60

Isopropylbenzene

Concen: 1.100 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

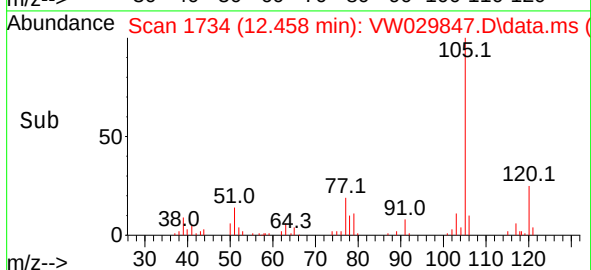
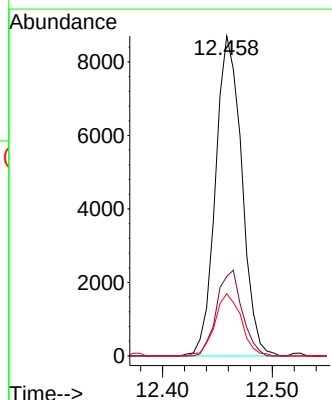
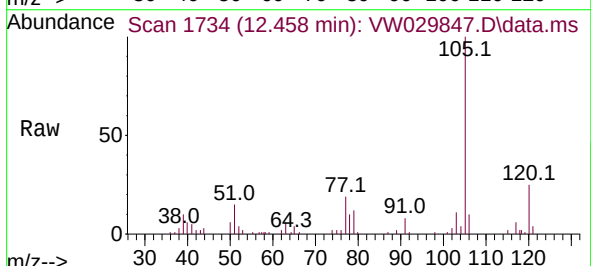
Tgt Ion:105 Resp: 14482

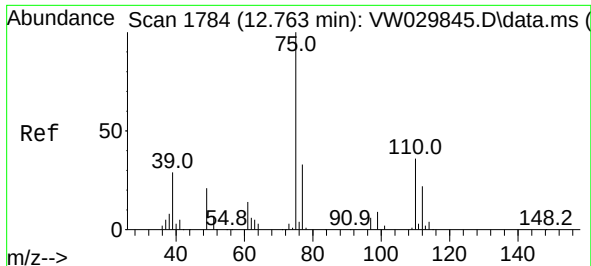
Ion Ratio Lower Upper

105 100

120 26.0 20.3 30.5

77 19.6 14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 1.035 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029847.D

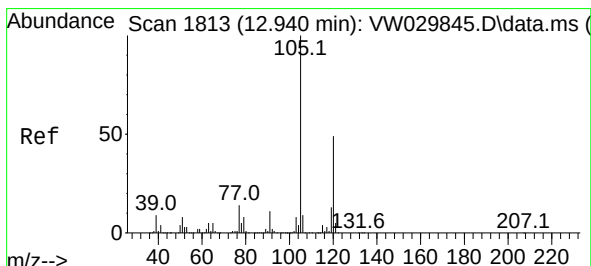
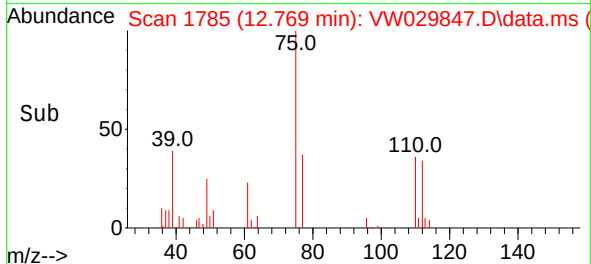
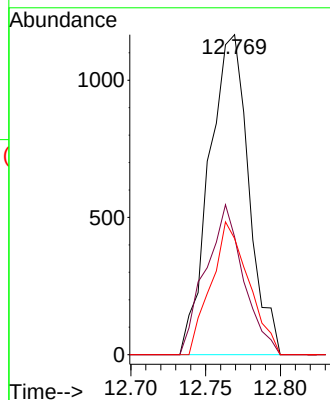
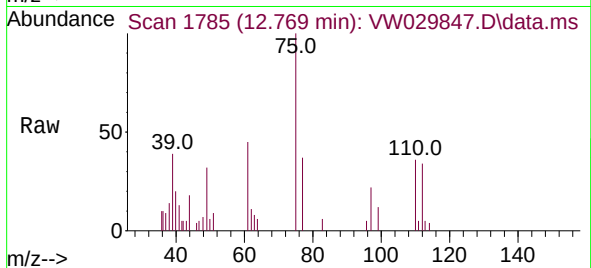
Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	2142
Ion Ratio	Lower	Upper
75	100	
77	45.1	25.4 38.0#
110	39.4	28.6 43.0



#62

1,3,5-Trimethylbenzene

Concen: 1.098 ug/L

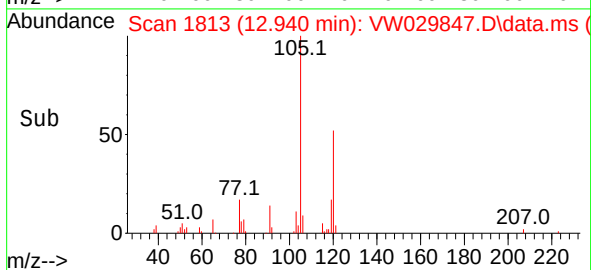
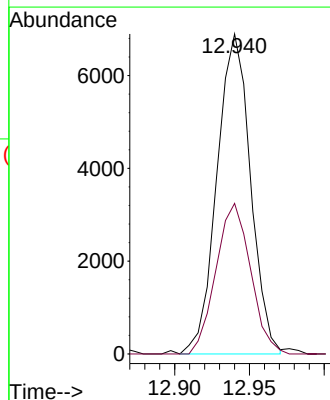
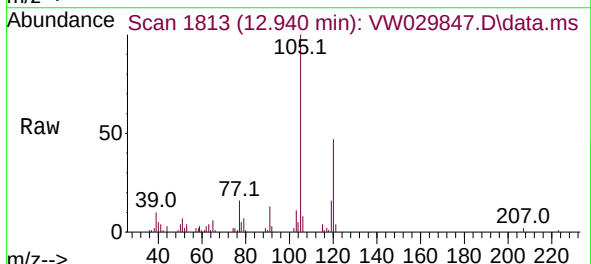
RT: 12.940 min Scan# 1813

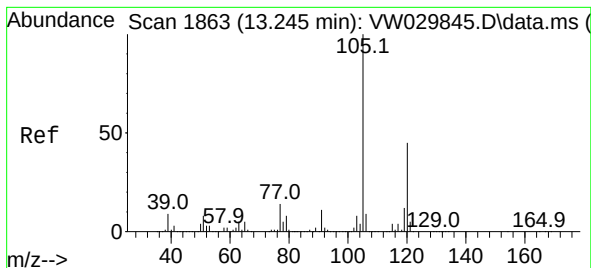
Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Tgt Ion: 105	Resp:	10753
Ion Ratio	Lower	Upper
105	100	
120	48.5	38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 1.008 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

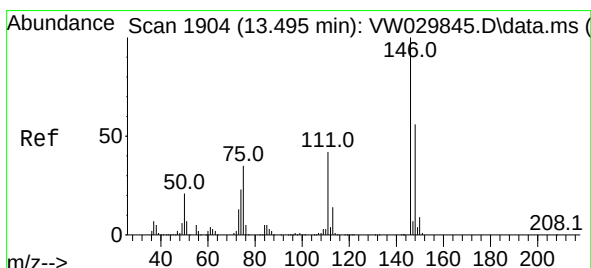
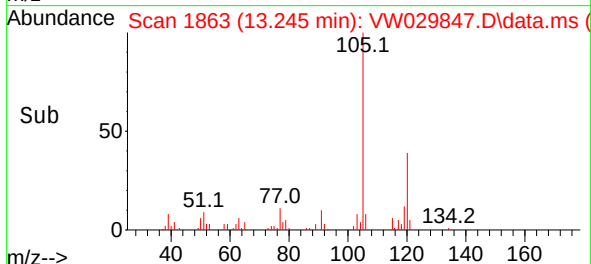
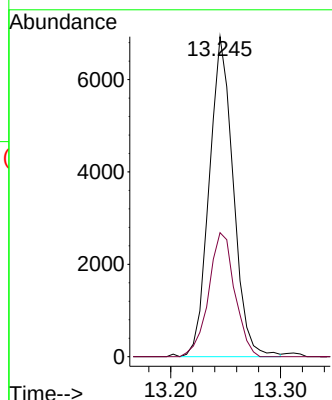
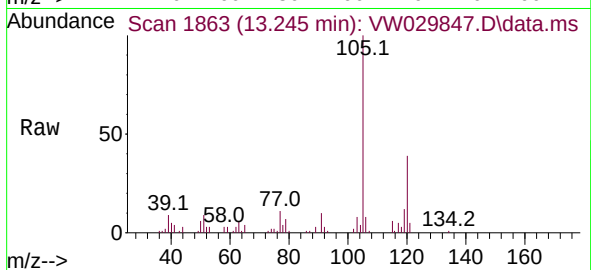
ClientSampleId :

Tgt Ion:105 Resp: 10554

Ion Ratio Lower Upper

105 100

120 42.0 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 1.334 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

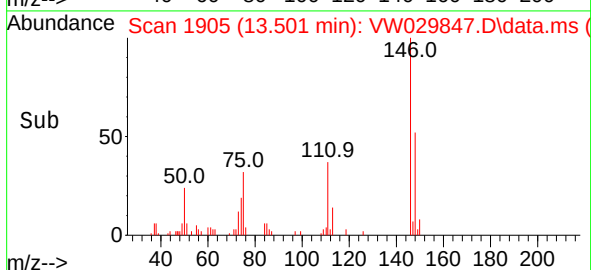
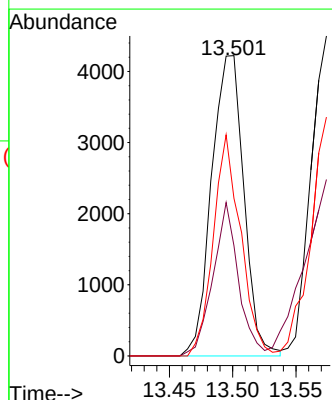
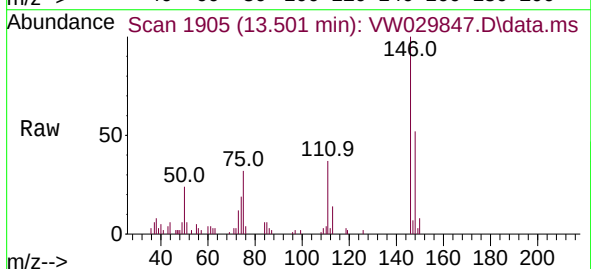
Tgt Ion:146 Resp: 7494

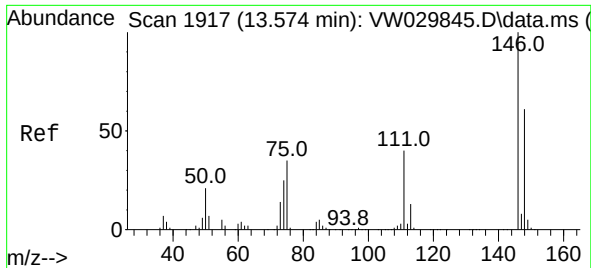
Ion Ratio Lower Upper

146 100

111 36.7 28.7 53.3

148 52.5 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 1.363 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

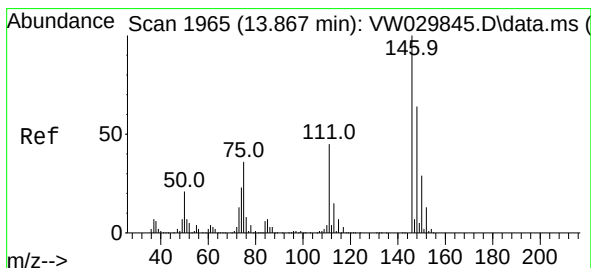
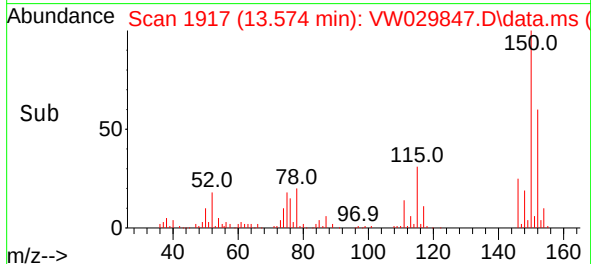
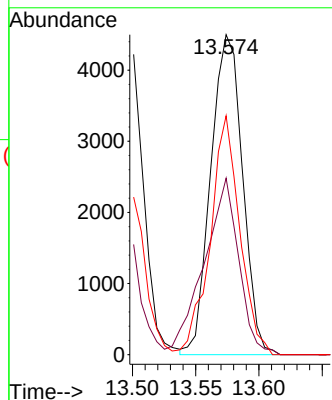
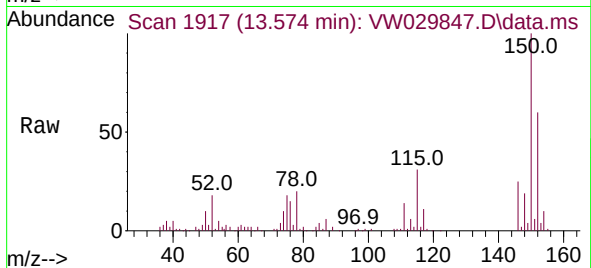
Tgt Ion:146 Resp: 7867

Ion Ratio Lower Upper

146 100

111 55.1 30.1 55.9

148 74.6 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 1.346 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

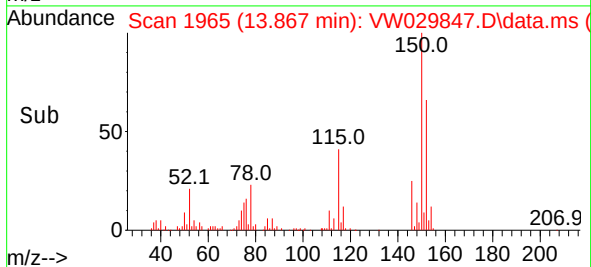
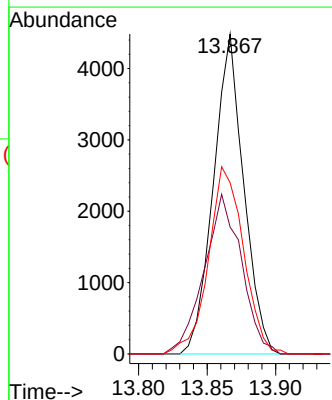
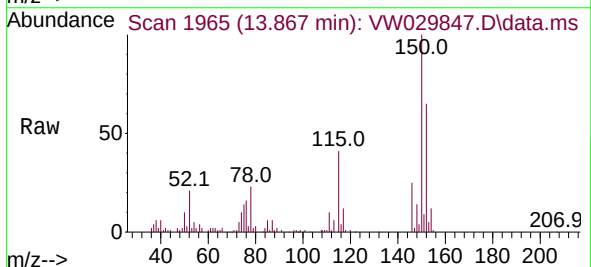
Tgt Ion:146 Resp: 6886

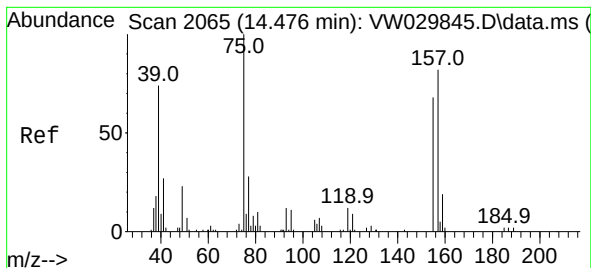
Ion Ratio Lower Upper

146 100

111 39.7 35.8 53.8

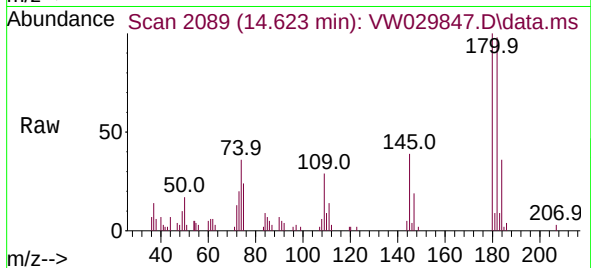
148 53.5 52.6 78.8



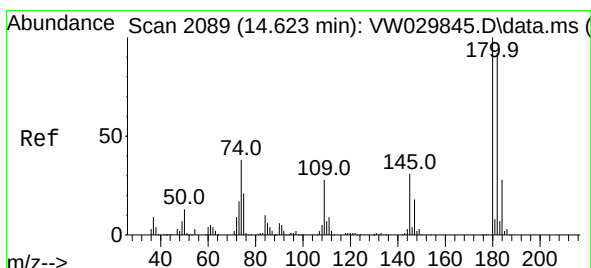
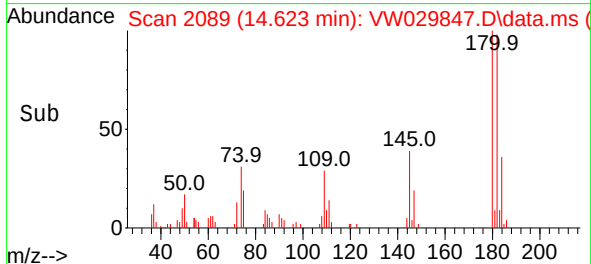
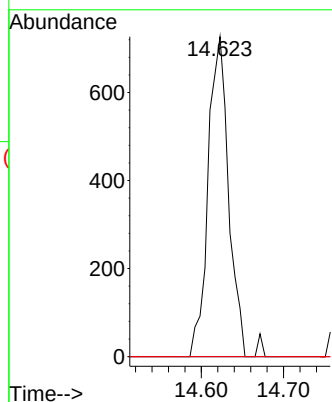


#68
1,2-Dibromo-3-chloropropane
Concen: 2.706 ug/L
RT: 14.623 min Scan# 2065
Delta R.T. 0.146 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Instrument :
MSVOA_W
ClientSampleId :

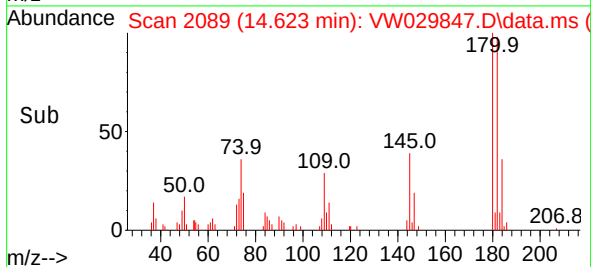
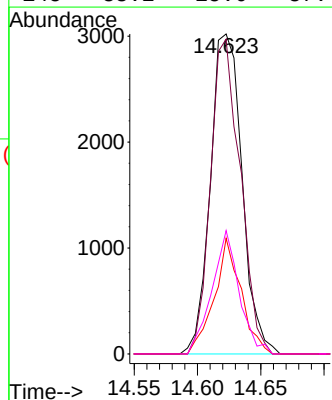
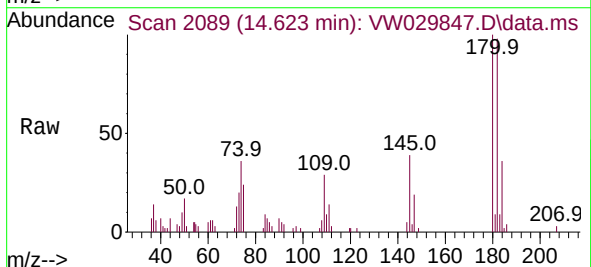


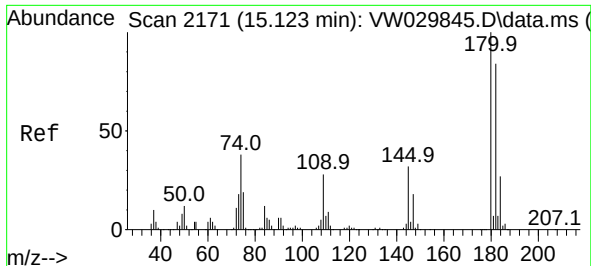
Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
155 0.0 47.8 71.6#
157 0.0 63.7 95.5#



#69
1,3,5-Trichlorobenzene
Concen: 1.366 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW029847.D
Acq: 07 Aug 2024 13:22

Tgt Ion:180 Resp: 5251
Ion Ratio Lower Upper
180 100
182 92.4 72.7 109.1
184 30.6 23.3 34.9
145 33.2 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 1.158 ug/L

RT: 15.129 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_W

ClientSampleId :

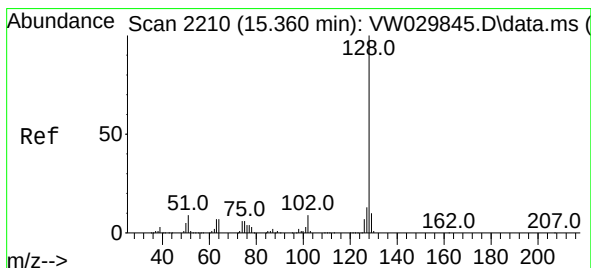
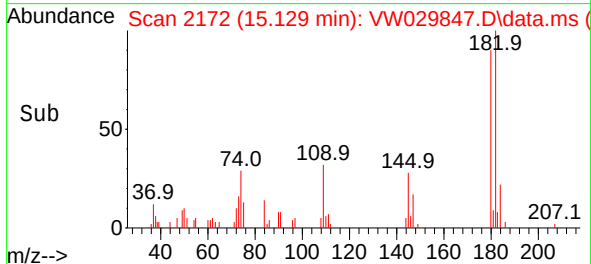
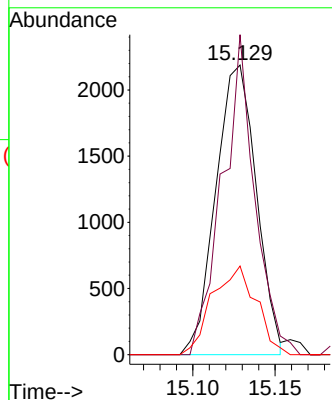
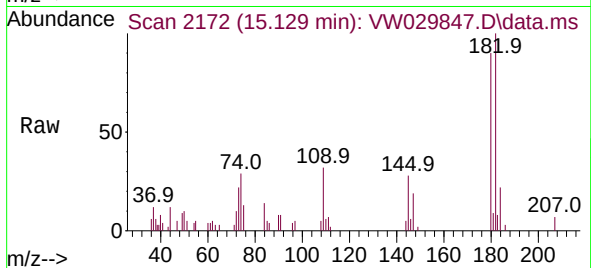
Tgt Ion:180 Resp: 3752

Ion Ratio Lower Upper

180 100

182 88.3 80.2 120.4

145 33.0 26.3 39.5



#71

Naphthalene

Concen: 0.729 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW029847.D

Acq: 07 Aug 2024 13:22

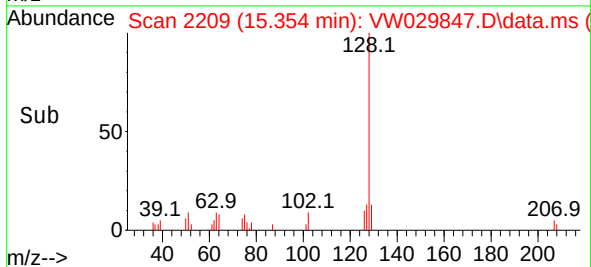
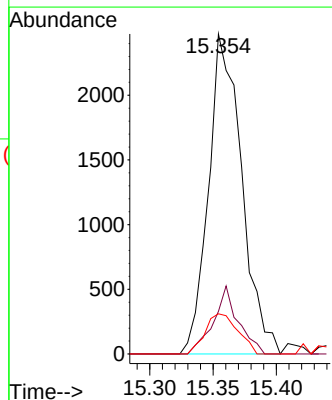
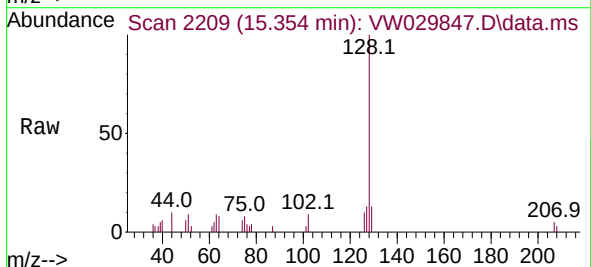
Tgt Ion:128 Resp: 4507

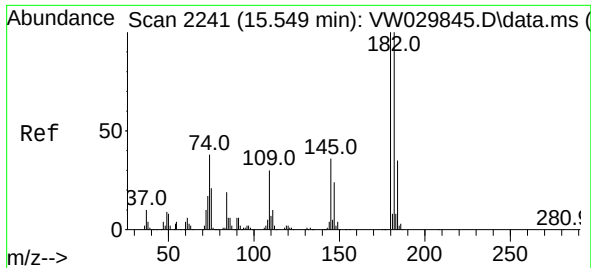
Ion Ratio Lower Upper

128 100

127 15.9 10.7 16.1

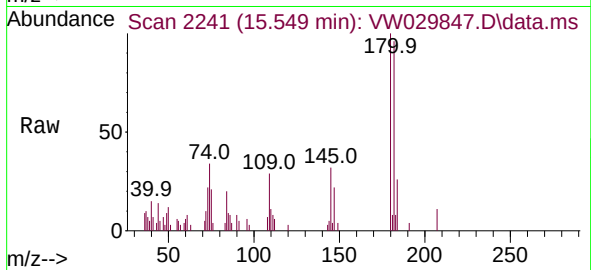
129 12.4 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 1.138 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW029847.D
 Acq: 07 Aug 2024 13:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	3337
Ion Ratio	Lower	Upper	
180	100		
182	86.6	74.0	111.0
145	34.8	27.5	41.3

