

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062093.D
 Acq On : 05 Dec 2024 11:44
 Operator : MD/SY
 Sample : P4776-02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 00:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 00:44:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	164573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	153690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46845	41.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.160%
7) Chloroethane-d5	1.901	69	36662	44.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.220%
11) 1,1-Dichloroethene-d2	2.557	63	71943	33.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.560%
21) 2-Butanone-d5	4.618	46	70806	91.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	5.052	84	107067	44.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
26) 1,2-Dichloroethane-d4	5.692	65	73713	48.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.718	84	202553	46.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
36) 1,2-Dichloropropane-d6	6.682	67	64854	46.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.891	98	186597	45.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	8.171	79	32593	47.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.440%
47) 2-Hexanone-d5	8.627	63	47254	90.827	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.830%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	91926	45.737	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	12.187	152	72693	50.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3410	2.170	ug/L	97
3) Chloromethane	1.515	50	3291	2.542	ug/L	93
5) Vinyl chloride	1.599	62	2850	2.134	ug/L #	53
6) Bromomethane	1.843	94	1707	2.327	ug/L	89
8) Chloroethane	1.924	64	1668	2.168	ug/L	97
9) Trichlorofluoromethane	2.129	101	4127	2.021	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3288	2.872	ug/L #	70
12) 1,1-Dichloroethene	2.570	96	2857	2.744	ug/L #	1
13) Acetone	2.625	43	3892	4.194	ug/L	88
14) Carbon disulfide	2.782	76	6444	2.057	ug/L	100
15) Methyl Acetate	2.952	43	2407	2.103	ug/L #	70
16) Methylene chloride	3.039	84	2708	2.281	ug/L	90
17) trans-1,2-Dichloroethene	3.351	96	2313	2.161	ug/L	91
18) Methyl tert-butyl Ether	3.361	73	7744	2.147	ug/L	98
19) 1,1-Dichloroethane	3.866	63	4368	2.130	ug/L	89
23) Bromochloromethane	4.972	128	1323	2.087	ug/L	94
27) 1,2-Dichloroethane	5.788	62	3656	2.056	ug/L #	93
29) Cyclohexane	5.377	56	3385	1.928	ug/L	89
30) 1,1,1-Trichloroethane	5.309	97	4048	2.036	ug/L	97

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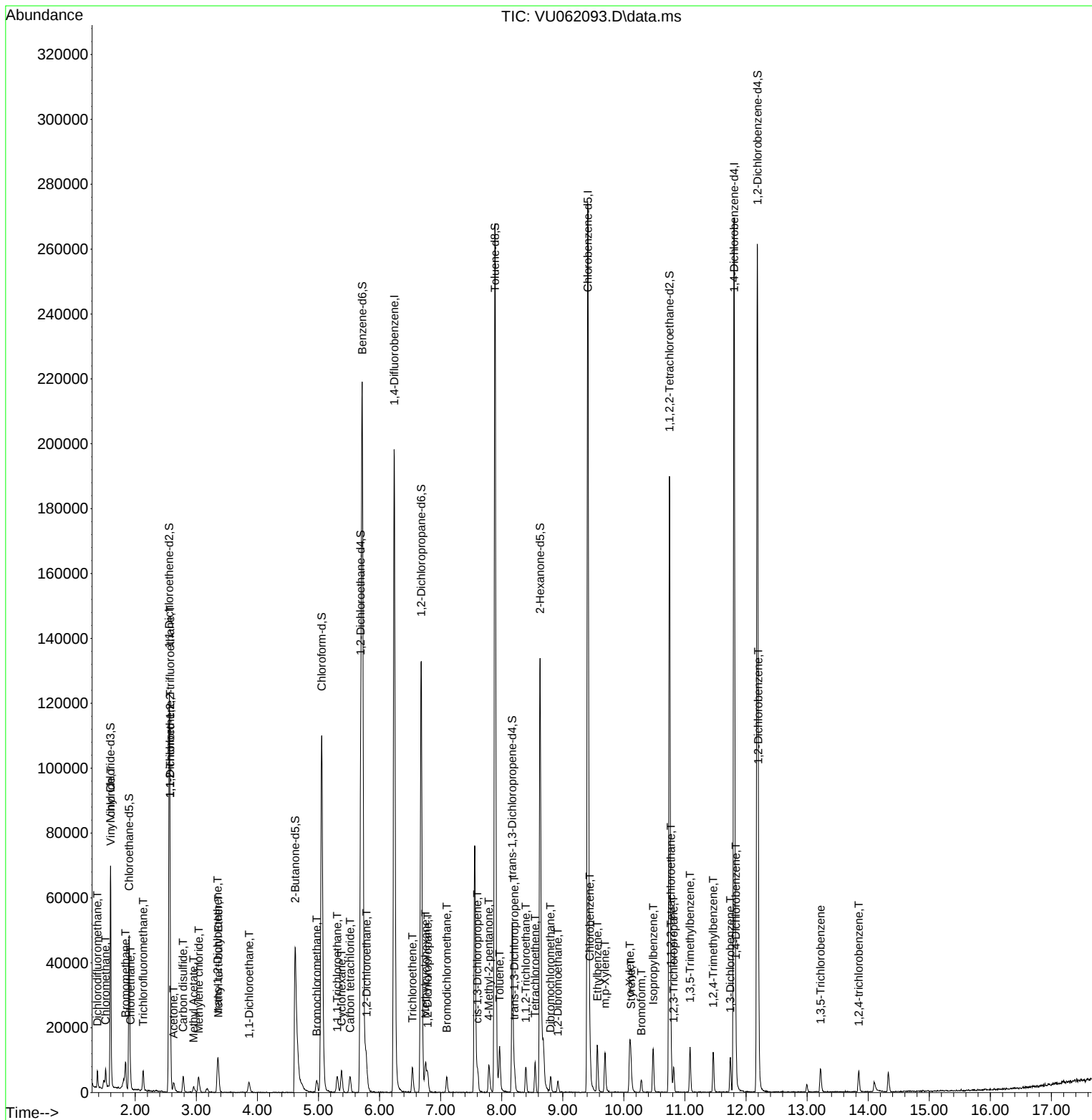
Quant Time: Dec 06 00:45:13 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 00:44:17 2024
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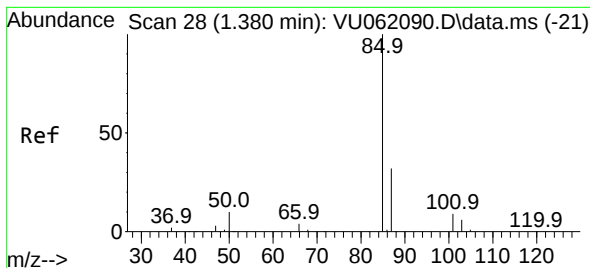
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	5.518	117	3613	2.034	ug/L	98
34) Trichloroethene	6.538	95	2660	2.130	ug/L	97
35) Methylcyclohexane	6.753	83	3939	2.081	ug/L	88
37) 1,2-Dichloropropane	6.788	63	2818	2.329	ug/L #	88
38) Bromodichloromethane	7.100	83	3458	2.121	ug/L #	97
39) cis-1,3-Dichloropropene	7.602	75	4495	2.300	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	6073	4.017	ug/L	98
42) Toluene	7.965	91	10602	2.169	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	5464	3.024	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	2656	2.212	ug/L	89
46) Tetrachloroethene	8.547	164	1960	2.066	ug/L	96
49) Dibromochloromethane	8.798	129	2547	2.030	ug/L	92
50) 1,2-Dibromoethane	8.920	107	2842	2.178	ug/L #	94
51) Chlorobenzene	9.441	112	7144	2.313	ug/L	96
52) Ethylbenzene	9.566	91	10937	2.036	ug/L	96
53) m,p-Xylene	9.692	106	3624	1.825	ug/L	94
54) o-Xylene	10.097	106	3764	1.937	ug/L	96
55) Styrene	10.116	104	5757	1.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	4532	2.287	ug/L #	91
59) Bromoform	10.287	173	1835	1.983	ug/L #	96
60) 1,2,3-Trichloropropane	10.814	75	3634	2.423	ug/L #	90
61) Isopropylbenzene	10.480	105	9770	1.977	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	8294	1.971	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	7922	1.956	ug/L	95
64) 1,3-Dichlorobenzene	11.743	146	4771	2.089	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	4958	2.139	ug/L	90
67) 1,2-Dichlorobenzene	12.203	146	5278	2.340	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	2271	1.413	ug/L #	69
70) 1,2,4-trichlorobenzene	13.846	180	2404	1.752	ug/L #	73

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

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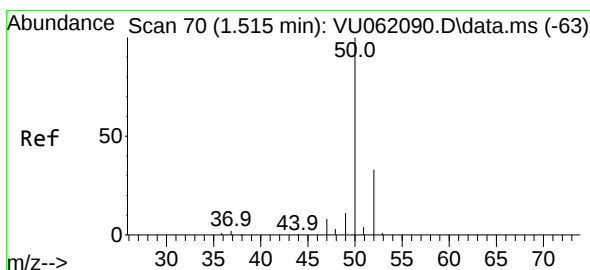
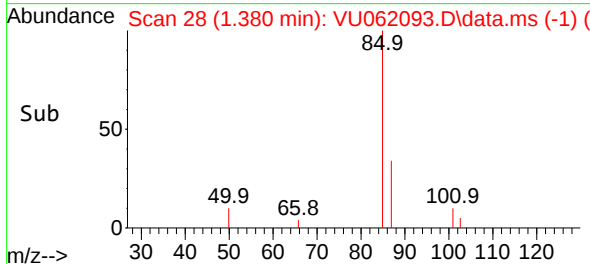
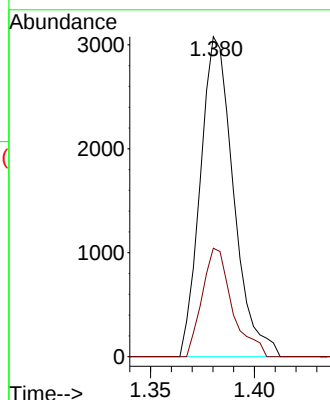
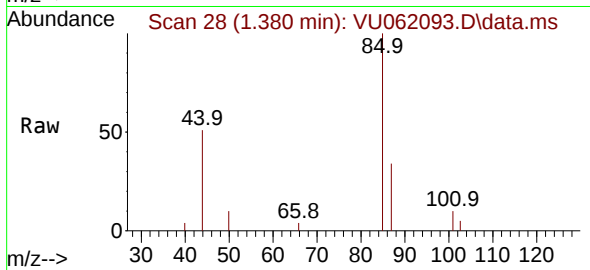




#2
 Dichlorodifluoromethane
 Concen: 2.170 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU062093.D
 Acq: 05 Dec 2024 11:44

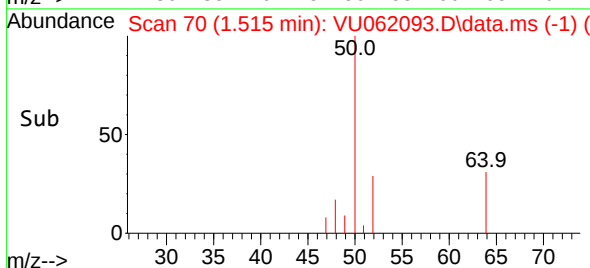
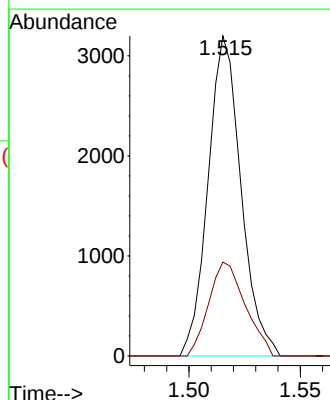
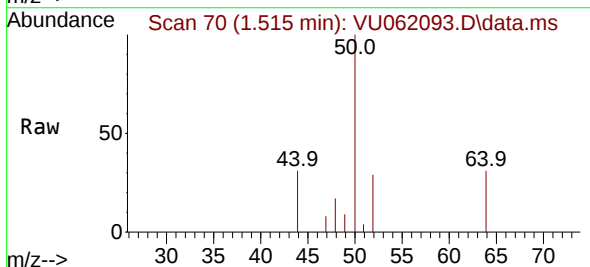
Instrument :
 MSVOA_U
 ClientSampleId :

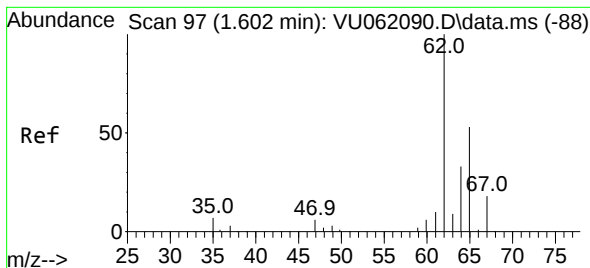
Tgt Ion: 85 Resp: 3410
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.0 39.0



#3
 Chloromethane
 Concen: 2.542 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062093.D
 Acq: 05 Dec 2024 11:44

Tgt Ion: 50 Resp: 3291
 Ion Ratio Lower Upper
 50 100
 52 29.4 23.3 43.3





#5

Vinyl chloride

Concen: 2.134 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

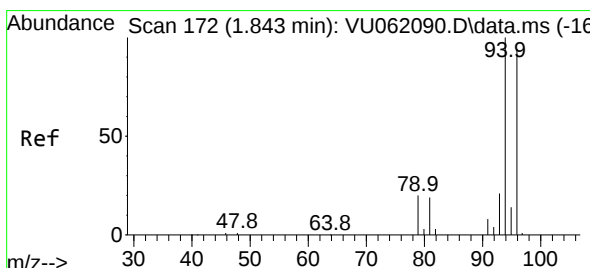
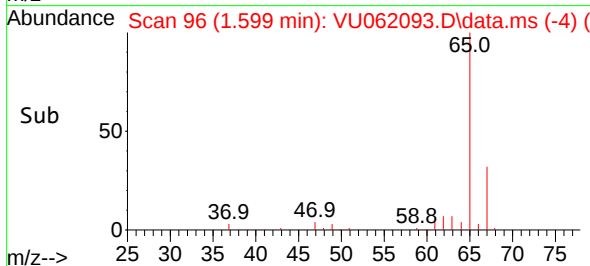
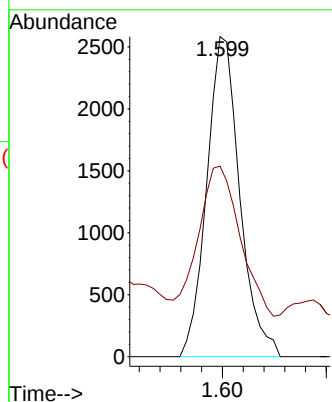
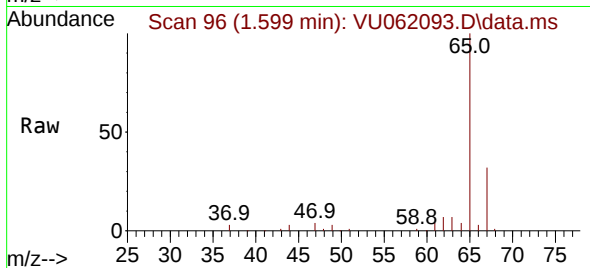
ClientSampleId :

Tgt Ion: 62 Resp: 2850

Ion Ratio Lower Upper

62 100

64 59.5 23.0 42.8#



#6

Bromomethane

Concen: 2.327 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.000 min

Lab File: VU062093.D

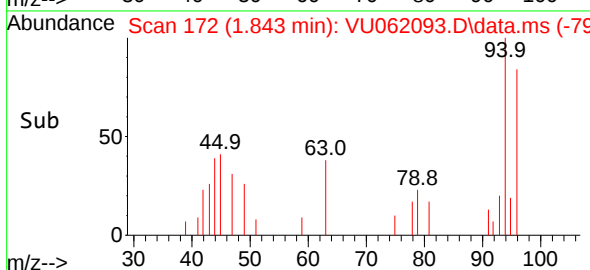
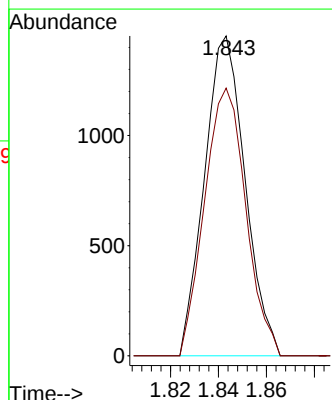
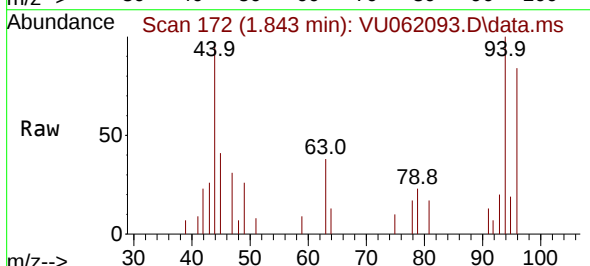
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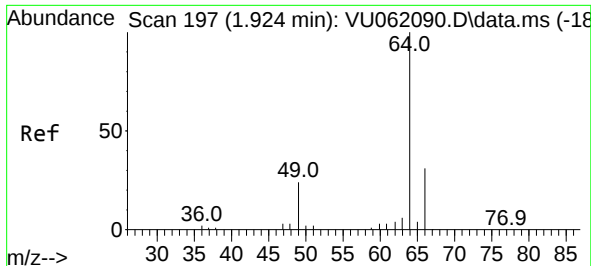
Tgt Ion: 94 Resp: 1707

Ion Ratio Lower Upper

94 100

96 83.7 66.0 122.6

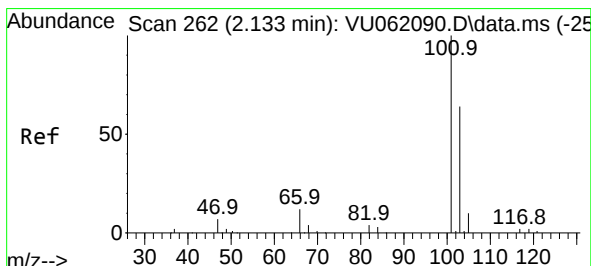
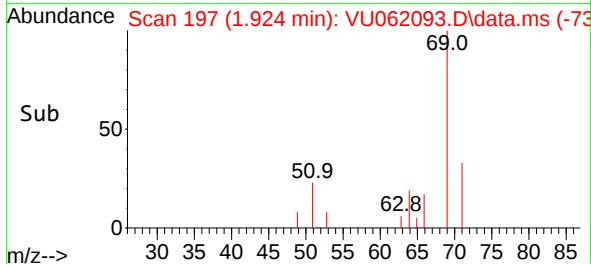
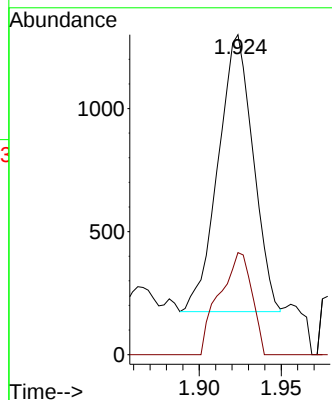
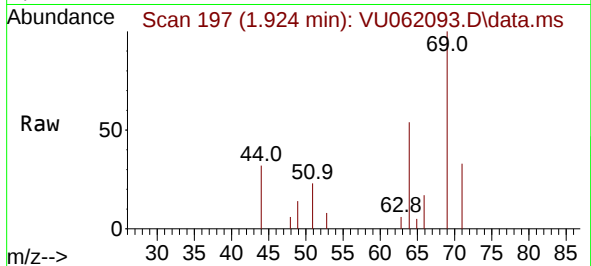




#8
Chloroethane
Concen: 2.168 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

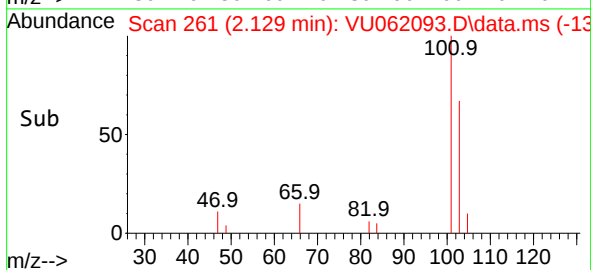
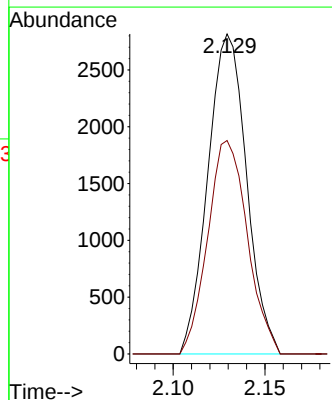
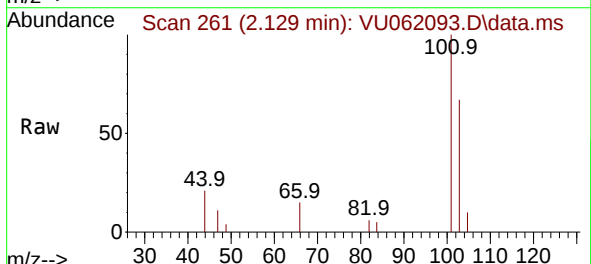
Instrument :
MSVOA_U
ClientSampleId :

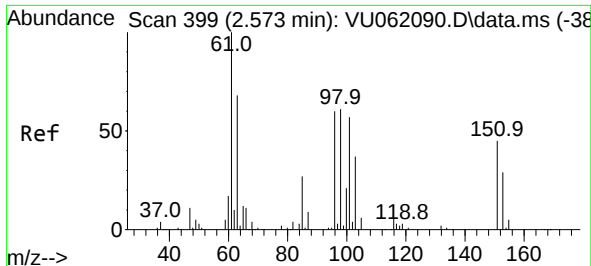
Tgt Ion: 64 Resp: 1668
Ion Ratio Lower Upper
64 100
66 31.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 2.021 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion:101 Resp: 4127
Ion Ratio Lower Upper
101 100
103 68.3 52.9 79.3





#10

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

Concen: 2.872 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

ClientSampleId :

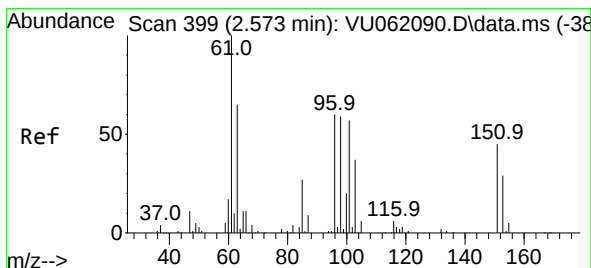
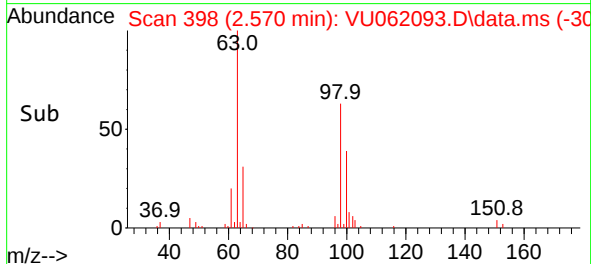
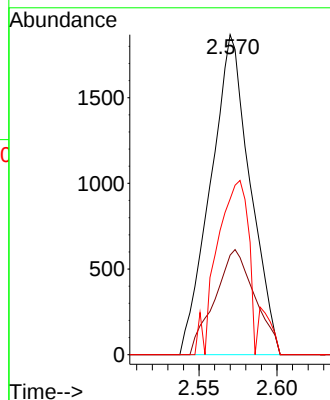
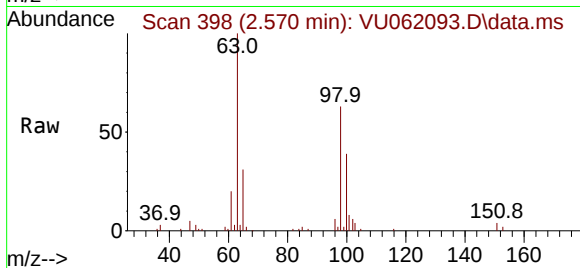
Tgt Ion:101 Resp: 3288

Ion Ratio Lower Upper

101 100

85 33.5 34.7 52.1#

151 41.5 59.0 88.4#



#12

1,1-Dichloroethene

Concen: 2.744 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

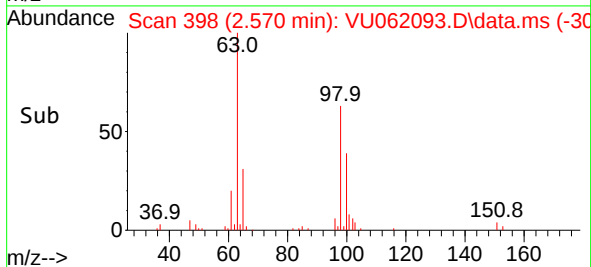
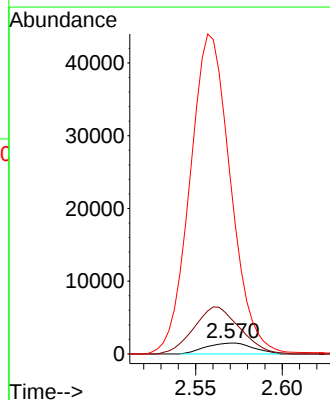
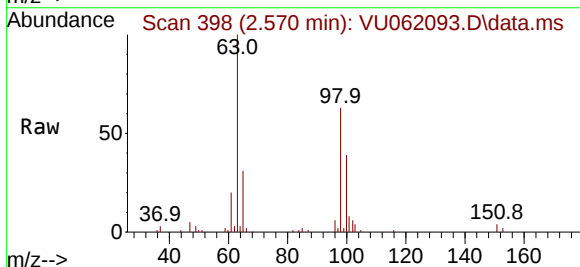
Tgt Ion: 96 Resp: 2857

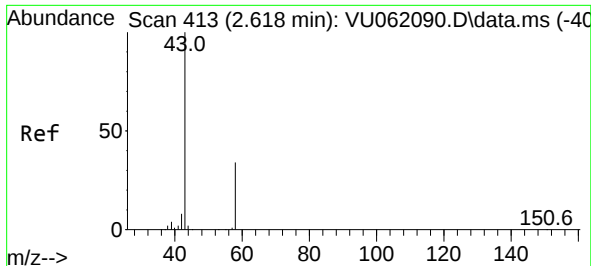
Ion Ratio Lower Upper

96 100

61 330.8 115.2 214.0#

63 1620.2 89.3 165.9#





#13

Acetone

Concen: 4.194 ug/L

RT: 2.625 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

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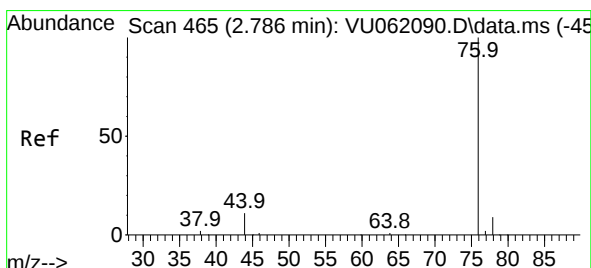
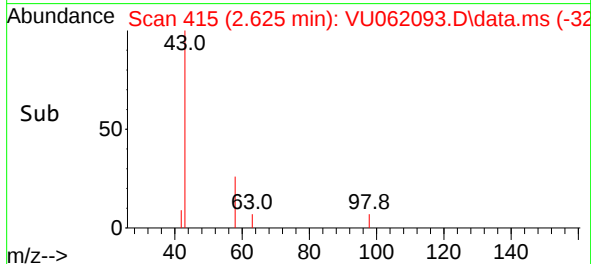
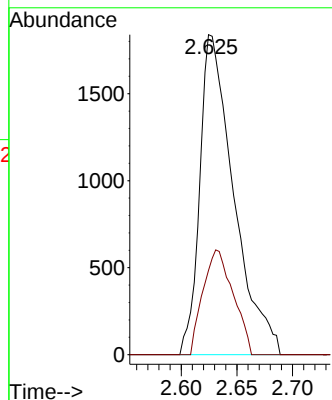
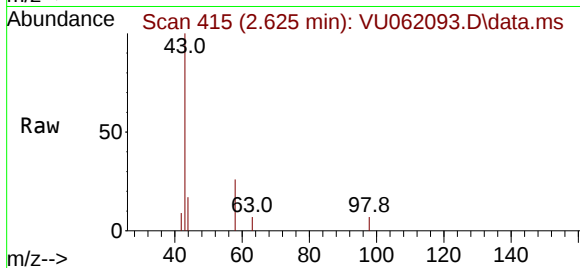
ClientSampleId :

Tgt Ion: 43 Resp: 3892

Ion Ratio Lower Upper

43 100

58 29.1 0.0 72.4



#14

Carbon disulfide

Concen: 2.057 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU062093.D

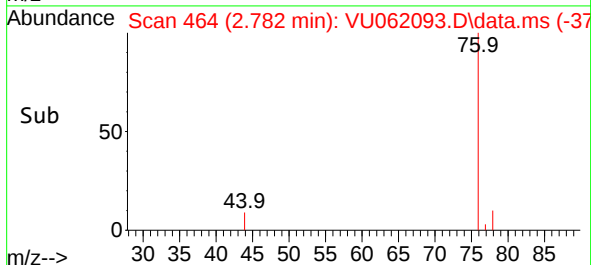
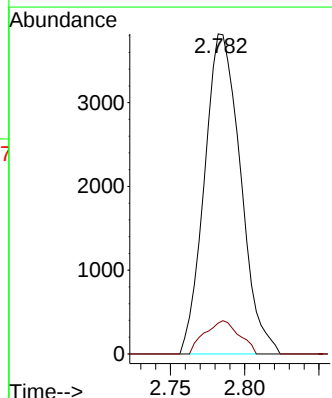
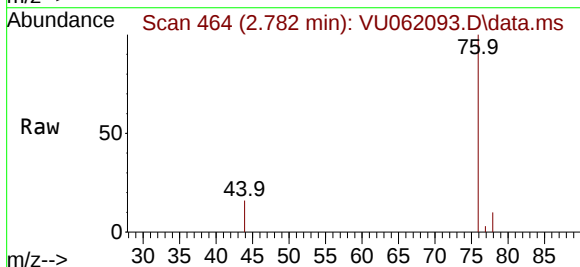
Acq: 05 Dec 2024 11:44

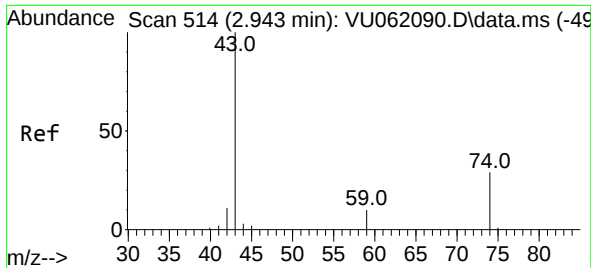
Tgt Ion: 76 Resp: 6444

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

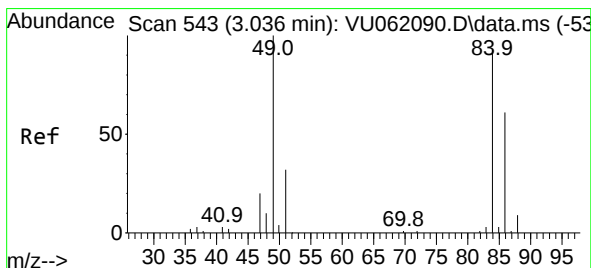
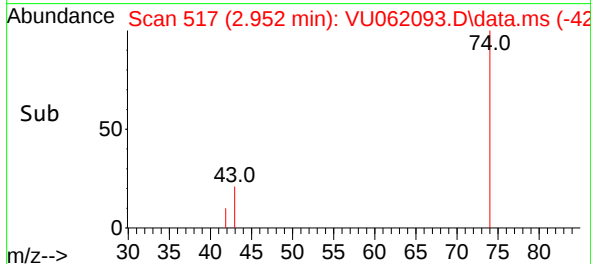
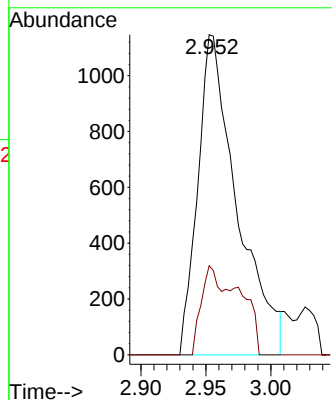
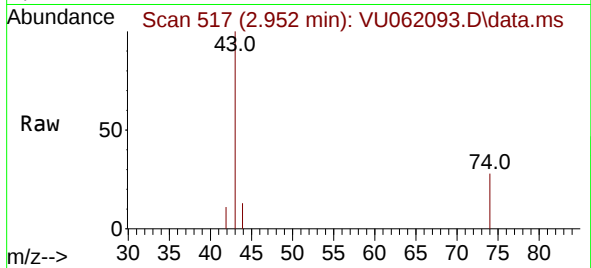




#15
Methyl Acetate
Concen: 2.103 ug/L
RT: 2.952 min Scan# 514
Delta R.T. 0.009 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

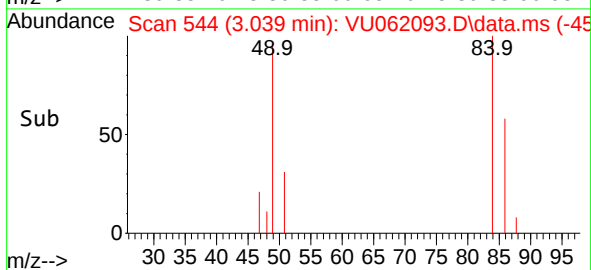
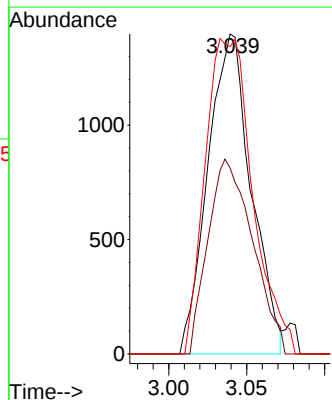
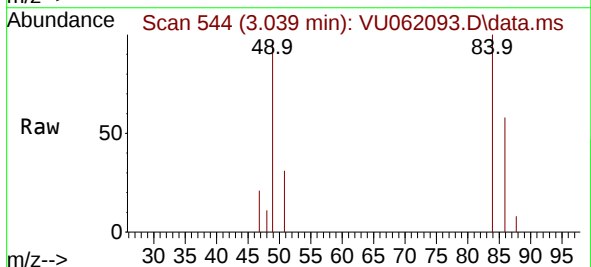
Instrument :
MSVOA_U
ClientSampleId :

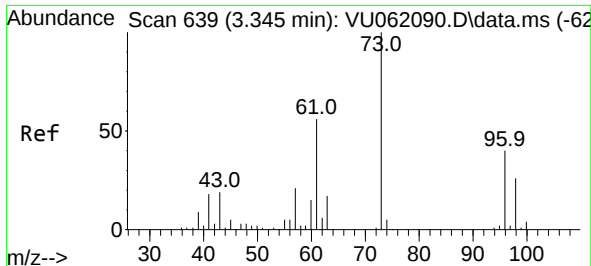
Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
74 13.2 23.4 35.2#



#16
Methylene chloride
Concen: 2.281 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

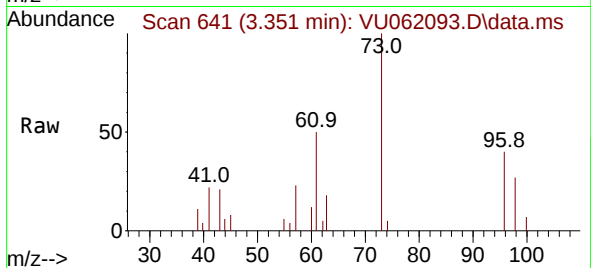
Tgt Ion: 84 Resp: 2708
Ion Ratio Lower Upper
84 100
86 58.1 44.4 82.4
49 96.1 75.9 141.1



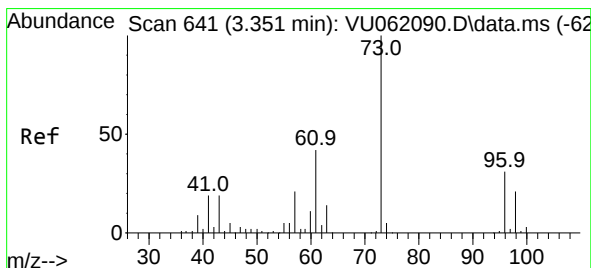
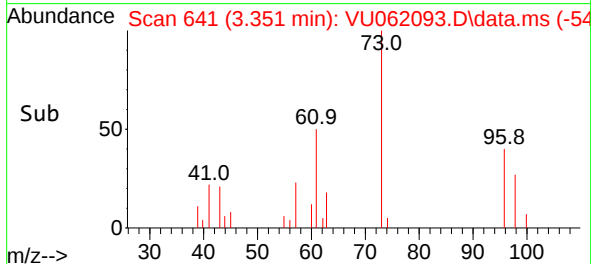
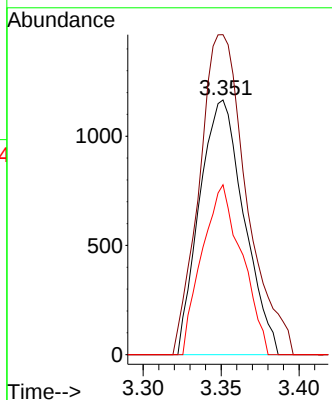


#17
trans-1,2-Dichloroethene
Concen: 2.161 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Instrument :
MSVOA_U
ClientSampleId :

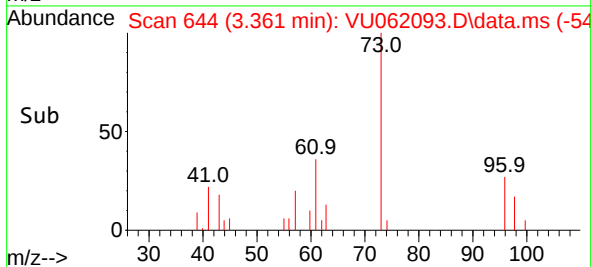
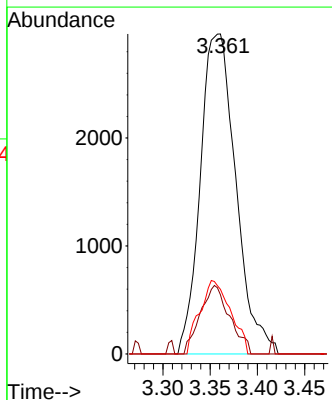
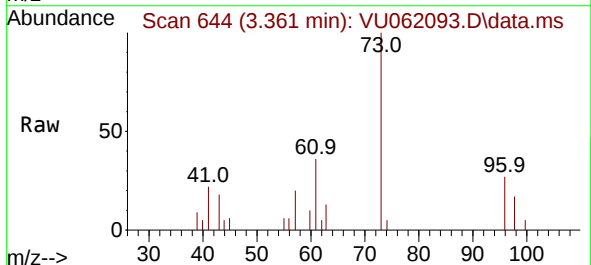


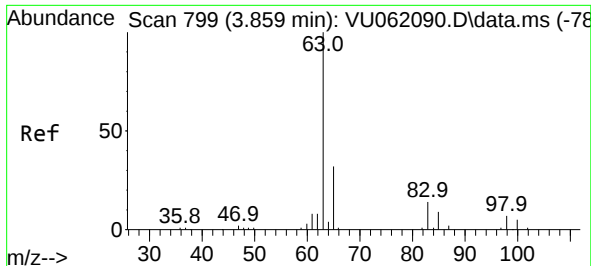
Tgt Ion: 96 Resp: 2313
Ion Ratio Lower Upper
96 100
61 125.6 96.2 178.6
98 66.7 42.7 79.3



#18
Methyl tert-butyl Ether
Concen: 2.147 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.009 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 73 Resp: 7744
Ion Ratio Lower Upper
73 100
43 17.2 14.7 22.1
57 19.8 16.4 24.6





#19

1,1-Dichloroethane

Concen: 2.130 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

ClientSampleId :

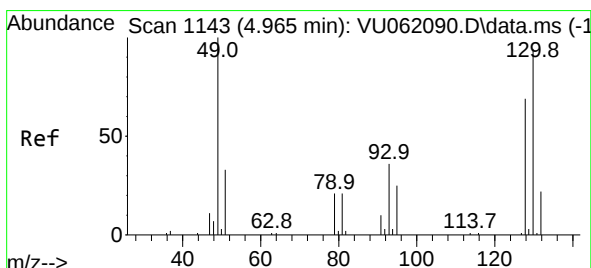
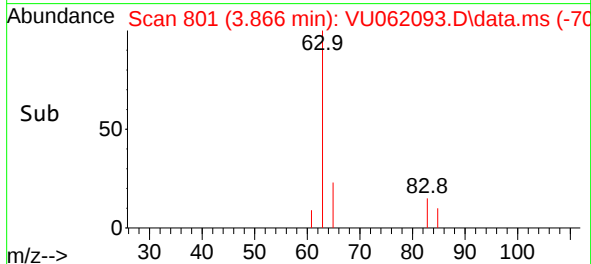
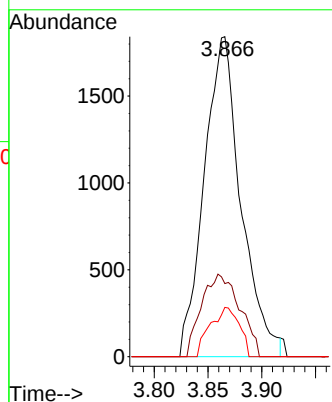
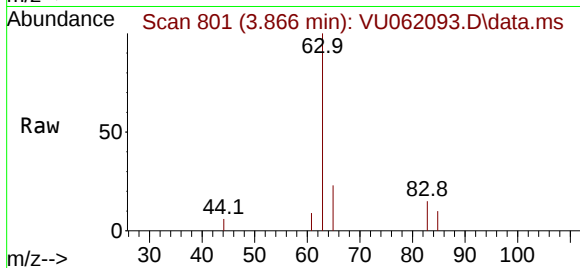
Tgt Ion: 63 Resp: 4368

Ion Ratio Lower Upper

63 100

65 22.9 21.7 40.3

83 15.4 10.0 18.6



#23

Bromochloromethane

Concen: 2.087 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Tgt Ion: 128 Resp: 1323

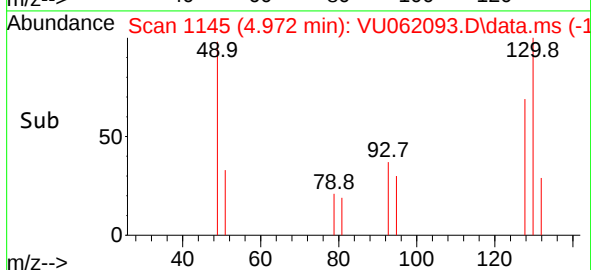
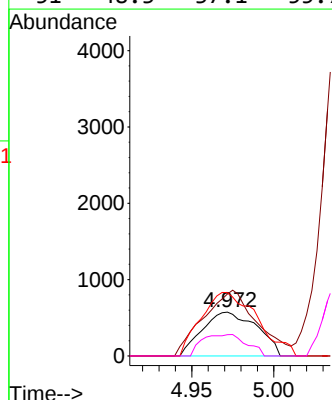
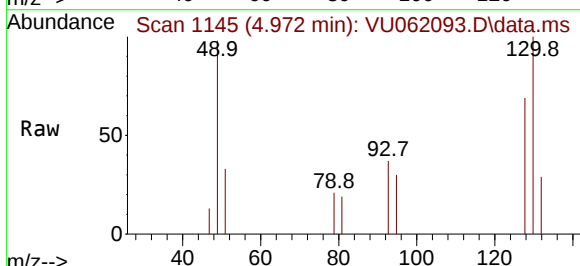
Ion Ratio Lower Upper

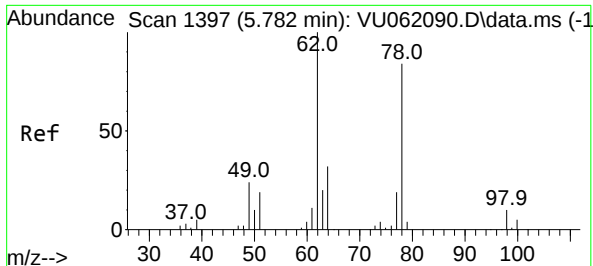
128 100

49 141.2 100.7 187.1

130 144.3 92.4 171.6

51 48.3 37.1 55.7

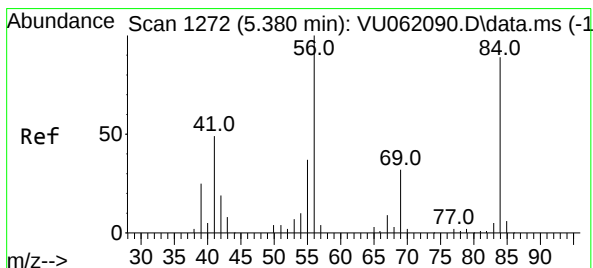
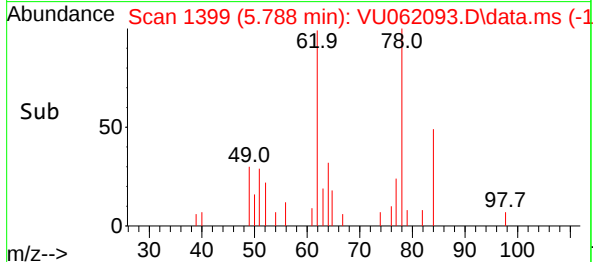
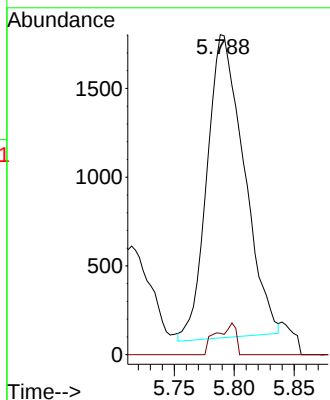
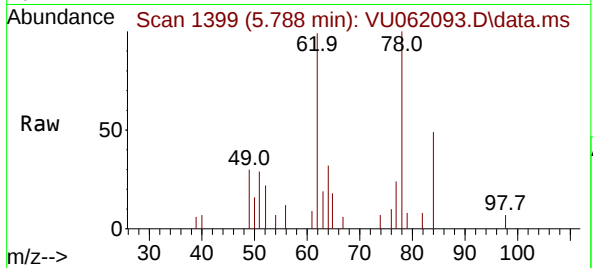




#27
1,2-Dichloroethane
Concen: 2.056 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

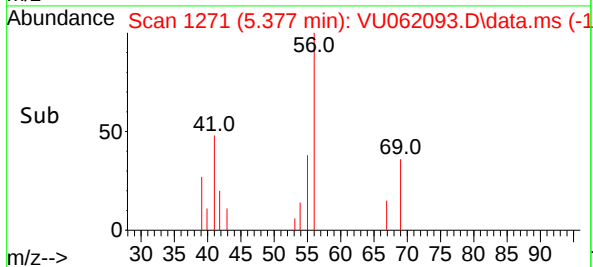
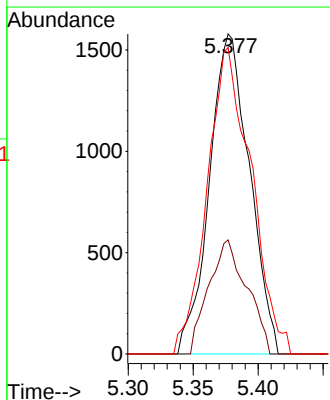
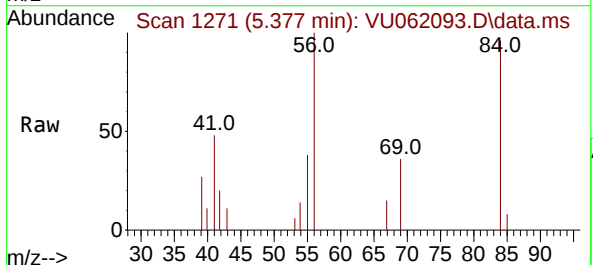
Instrument :
MSVOA_U
ClientSampleId :

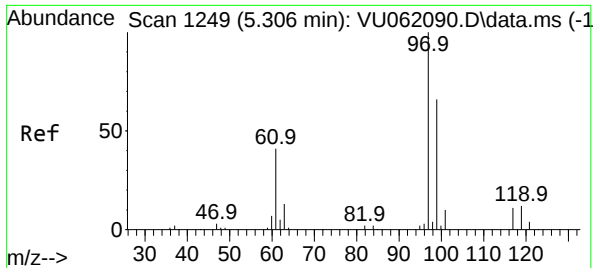
Tgt Ion: 62 Resp: 3656
Ion Ratio Lower Upper
62 100
98 6.7 7.4 11.0#



#29
Cyclohexane
Concen: 1.928 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 56 Resp: 3385
Ion Ratio Lower Upper
56 100
69 33.9 27.1 40.7
84 104.2 72.1 108.1

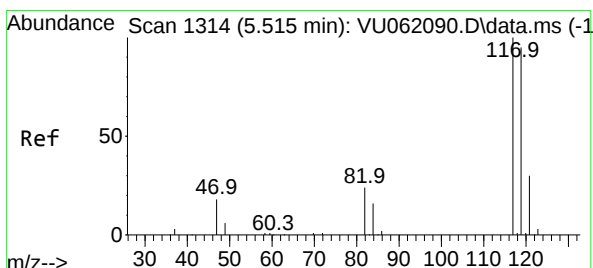
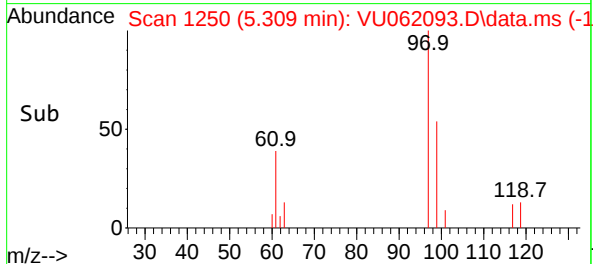
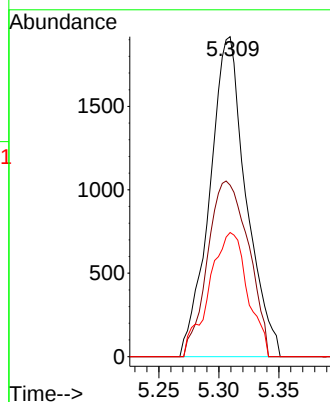
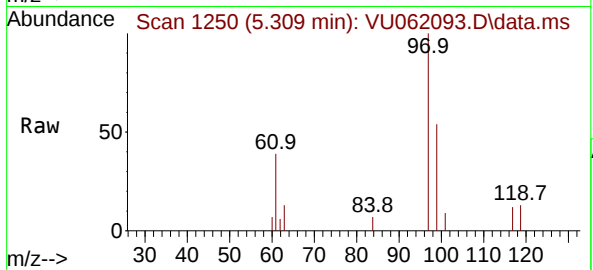




#30
1,1,1-Trichloroethane
Concen: 2.036 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

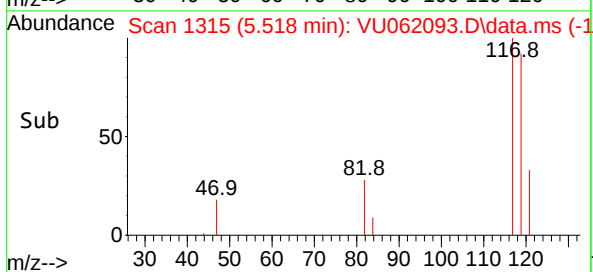
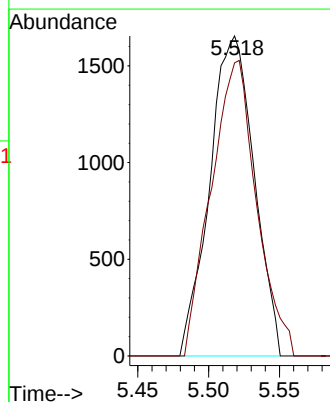
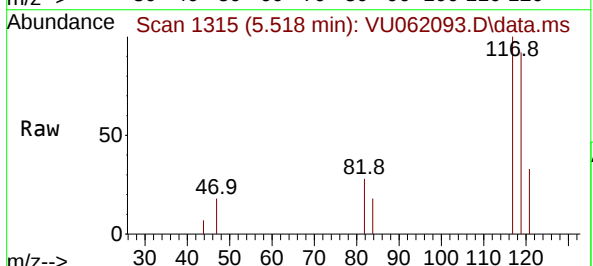
Instrument :
MSVOA_U
ClientSampleId :

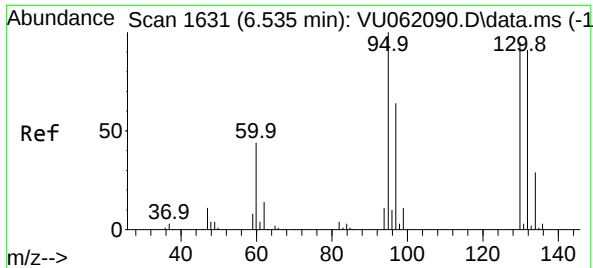
Tgt Ion: 97	Resp: 4048
Ion Ratio	Lower Upper
97 100	
99 61.7	52.0 78.0
61 41.1	32.6 48.8



#31
Carbon tetrachloride
Concen: 2.034 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 117	Resp: 3613
Ion Ratio	Lower Upper
117 100	
119 94.3	77.0 115.6

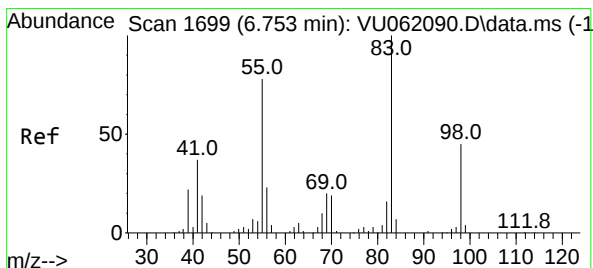
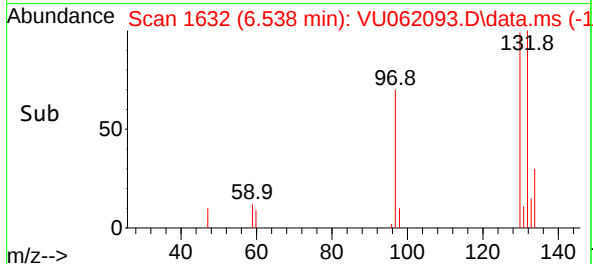
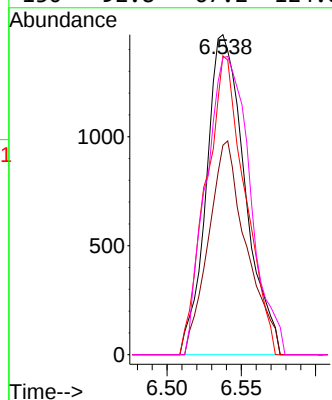
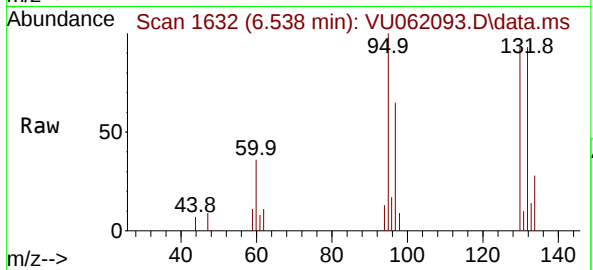




#34
Trichloroethene
Concen: 2.130 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

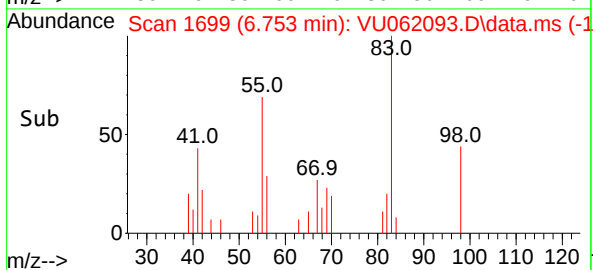
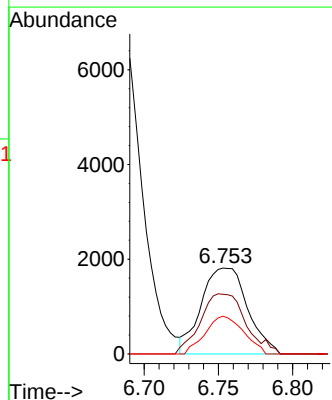
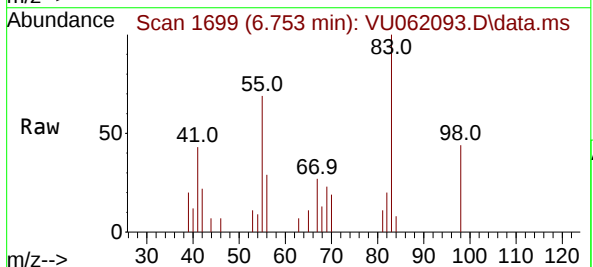
Instrument :
MSVOA_U
ClientSampleId :

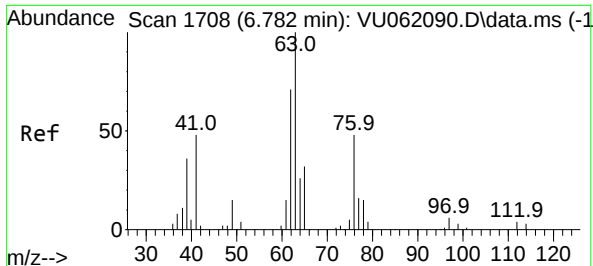
Tgt Ion: 95 Resp: 2660
Ion Ratio Lower Upper
95 100
97 65.5 44.6 82.8
132 93.4 67.3 124.9
130 92.8 67.2 124.8



#35
Methylcyclohexane
Concen: 2.081 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 83 Resp: 3939
Ion Ratio Lower Upper
83 100
55 65.5 60.1 90.1
98 36.3 35.8 53.8

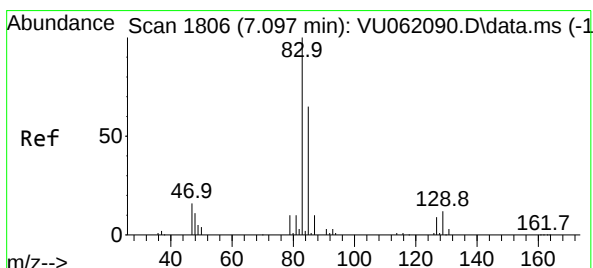
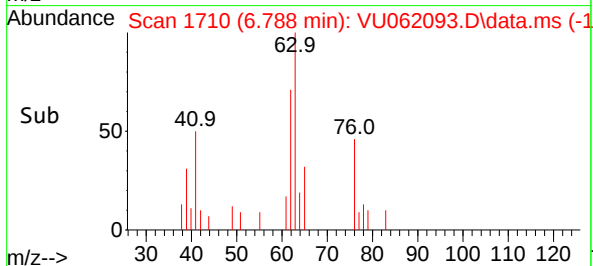
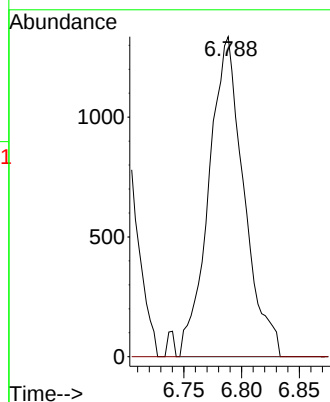
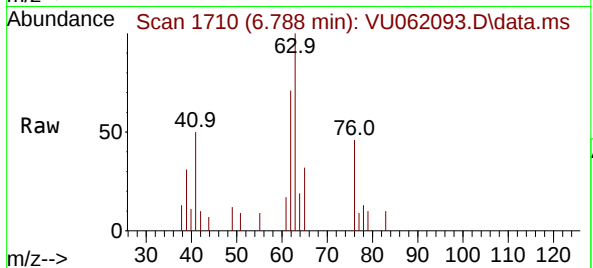




#37
1,2-Dichloropropane
Concen: 2.329 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

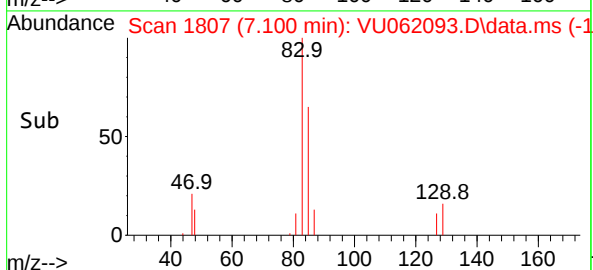
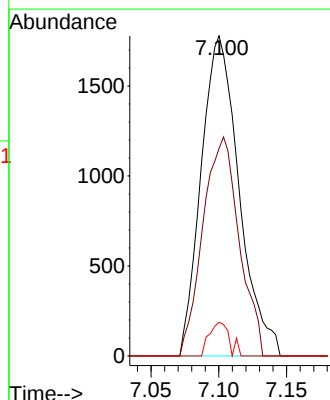
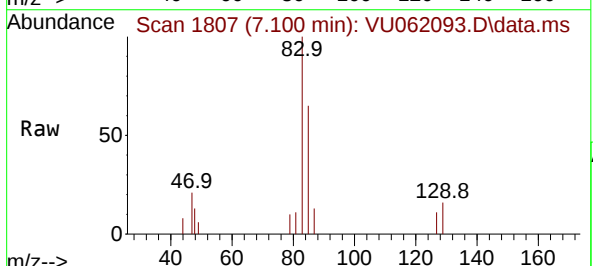
Instrument :
MSVOA_U
ClientSampleId :

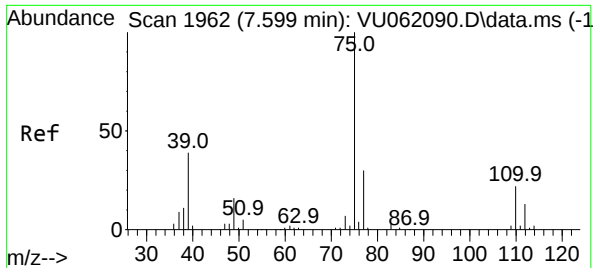
Tgt Ion: 63 Resp: 2818
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 2.121 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 83 Resp: 3458
Ion Ratio Lower Upper
83 100
85 64.8 46.8 87.0
127 10.6 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 2.300 ug/L

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

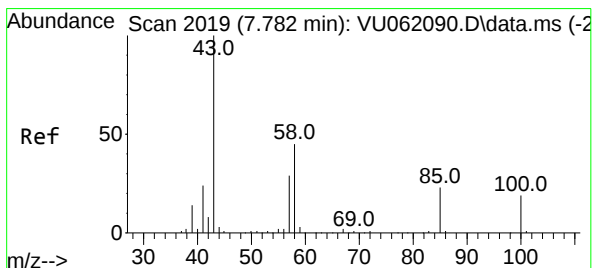
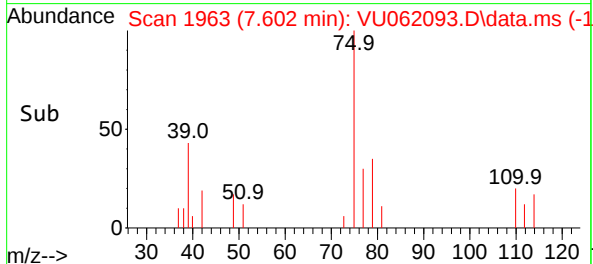
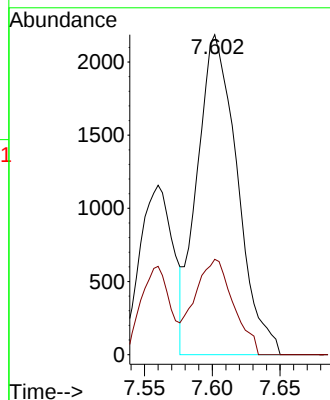
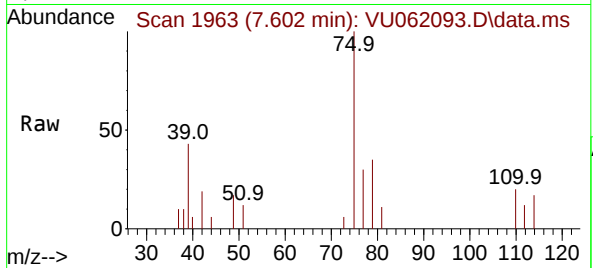
ClientSampleId :

Tgt Ion: 75 Resp: 4495

Ion Ratio Lower Upper

75 100

77 29.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 4.017 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

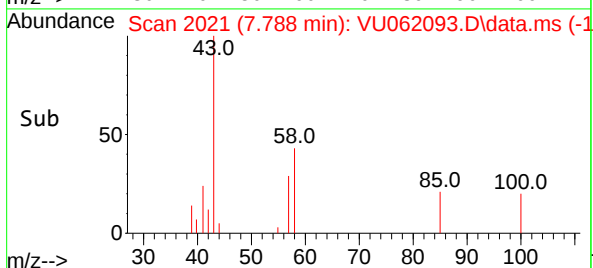
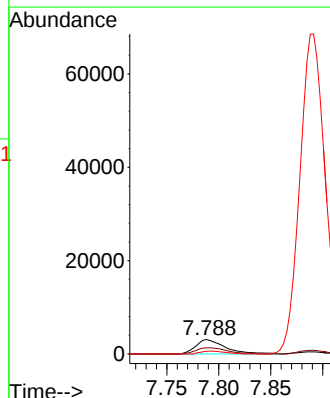
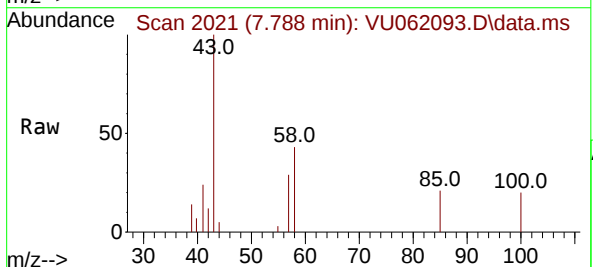
Tgt Ion: 43 Resp: 6073

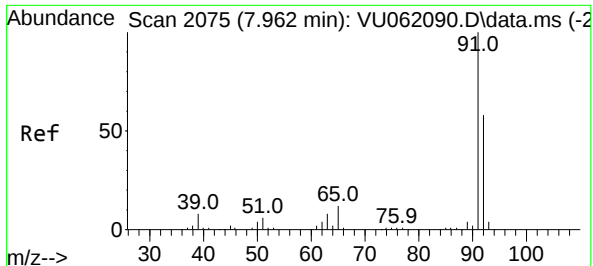
Ion Ratio Lower Upper

43 100

58 45.4 35.7 53.5

100 16.6 14.6 21.8





#42

Toluene

Concen: 2.169 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

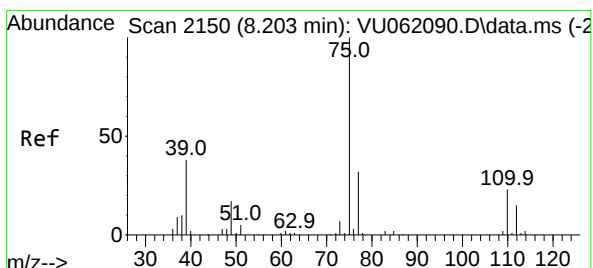
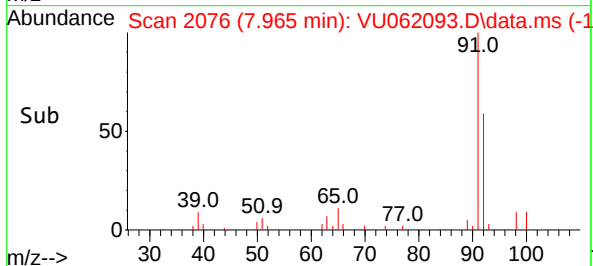
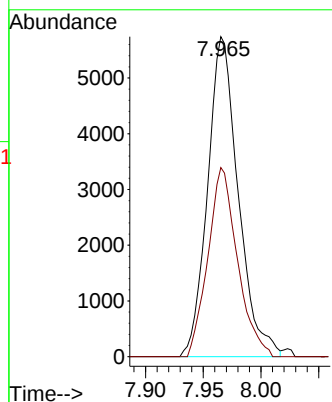
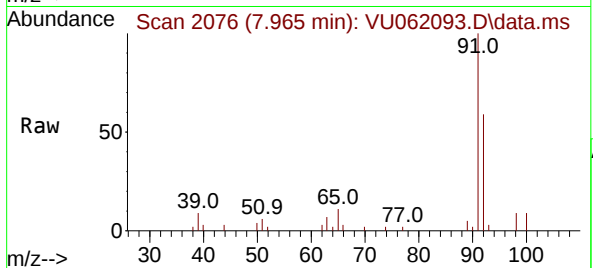
ClientSampleId :

Tgt Ion: 91 Resp: 10602

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.024 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU062093.D

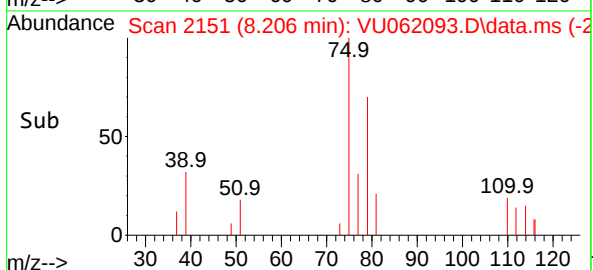
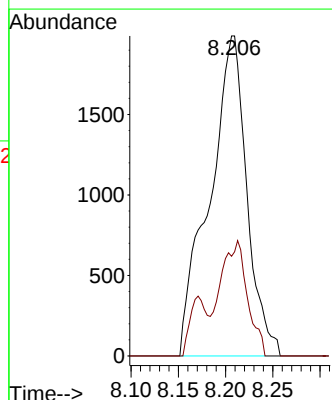
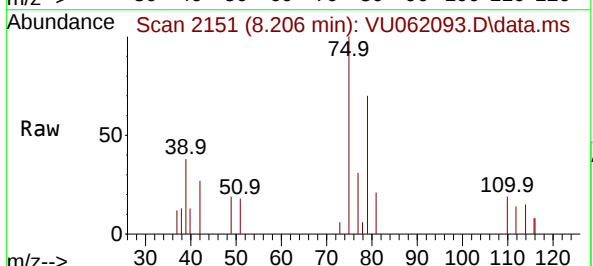
Acq: 05 Dec 2024 11:44

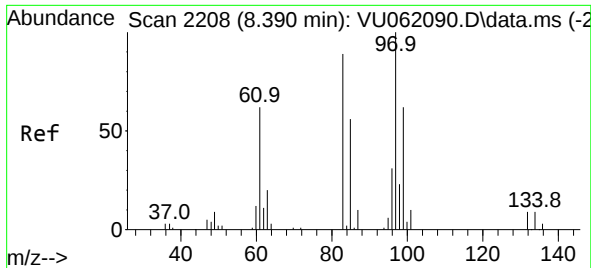
Tgt Ion: 75 Resp: 5464

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



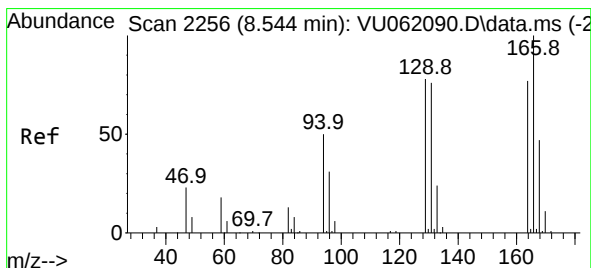
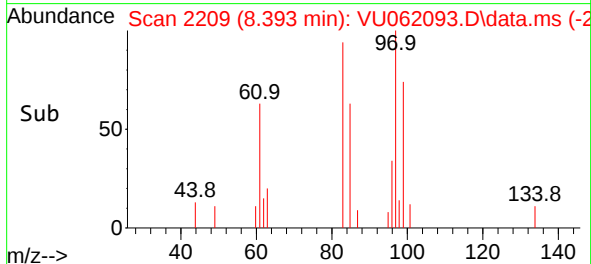
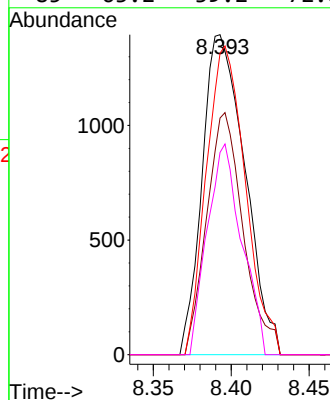
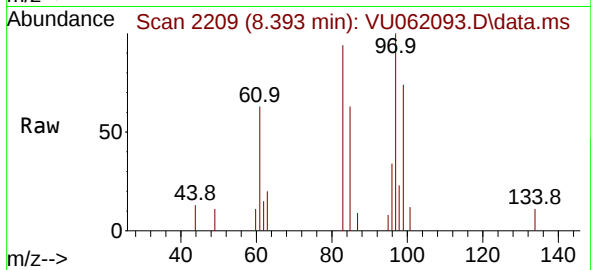


#45
1,1,2-Trichloroethane
Concen: 2.212 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2656

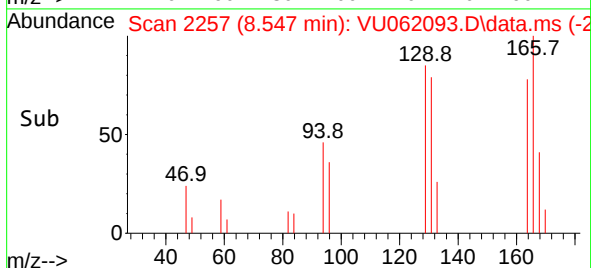
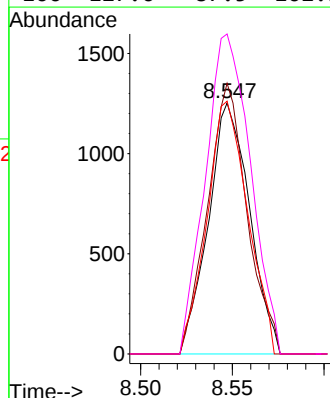
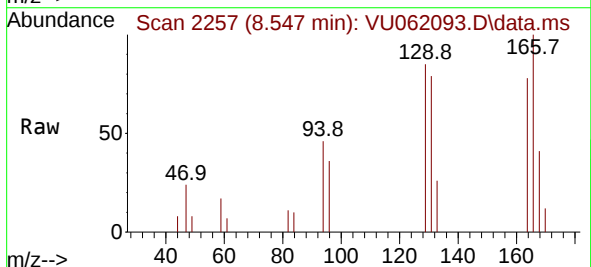
Ion	Ratio	Lower	Upper
97	100		
99	73.9	43.5	80.7
83	94.2	60.8	113.0
85	63.2	39.2	72.8

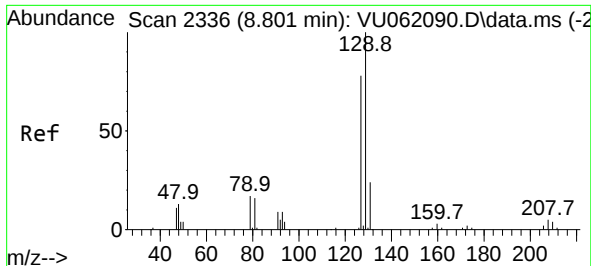


#46
Tetrachloroethene
Concen: 2.066 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 164 Resp: 1960

Ion	Ratio	Lower	Upper
164	100		
129	107.9	70.4	130.8
131	100.8	67.8	125.8
166	127.6	87.5	162.5





#49

Dibromochloromethane

Concen: 2.030 ug/L

RT: 8.798 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

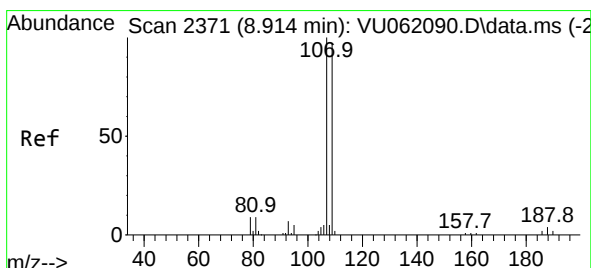
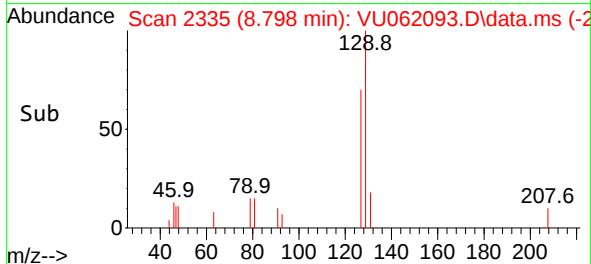
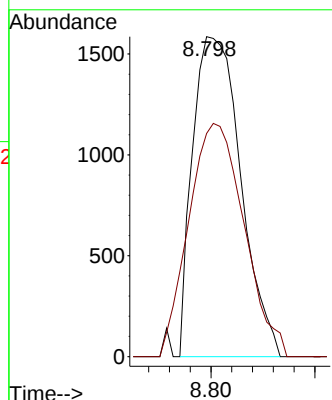
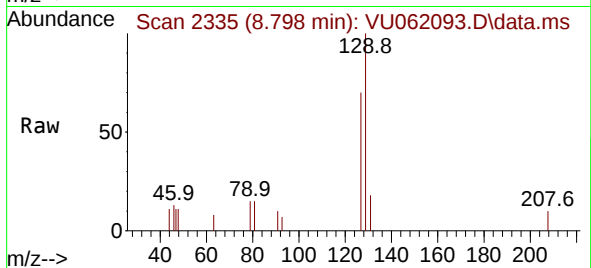
ClientSampleId :

Tgt Ion:129 Resp: 2547

Ion Ratio Lower Upper

129 100

127 69.7 53.3 99.1



#50

1,2-Dibromoethane

Concen: 2.178 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.006 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

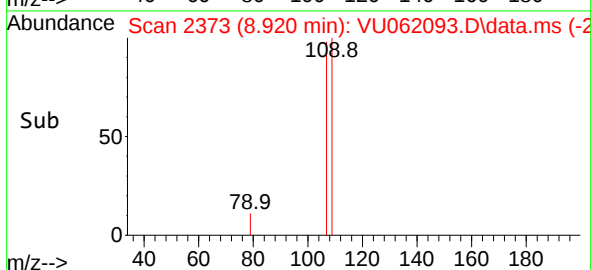
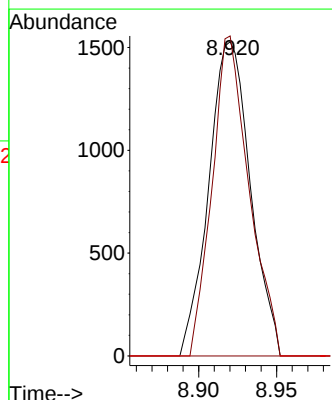
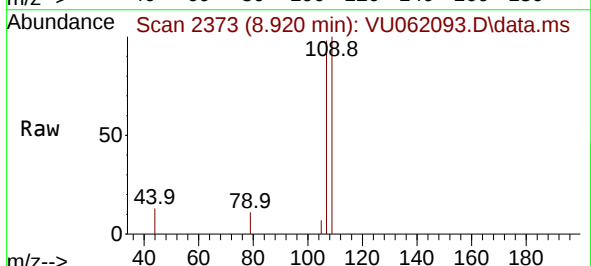
Tgt Ion:107 Resp: 2842

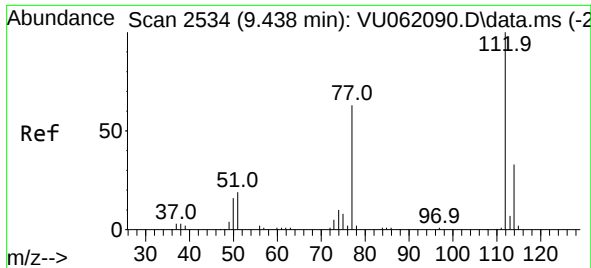
Ion Ratio Lower Upper

107 100

109 101.8 67.1 124.7

188 0.0 2.6 4.0#

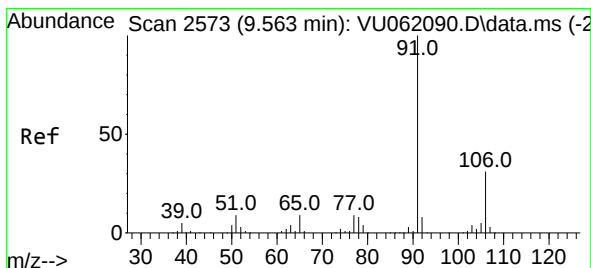
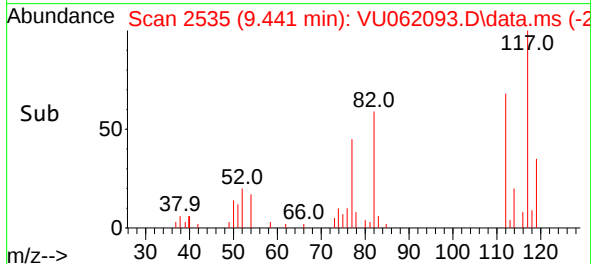
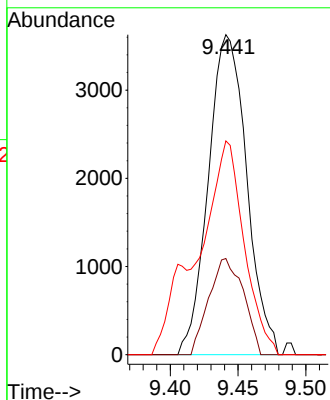
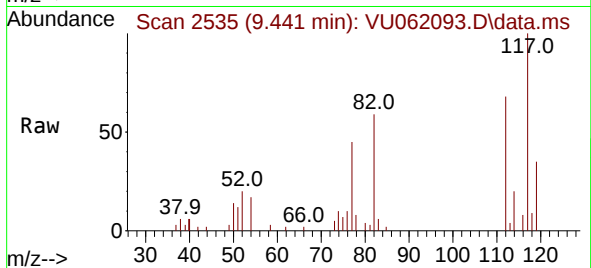




#51
Chlorobenzene
Concen: 2.313 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

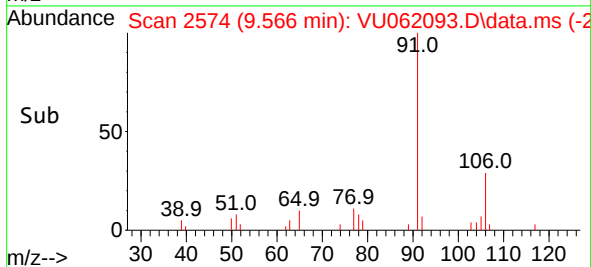
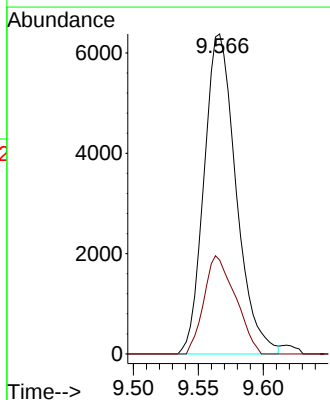
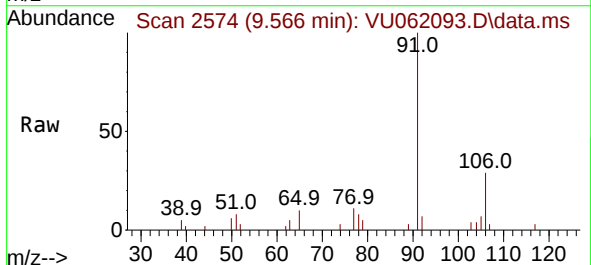
Instrument :
MSVOA_U
ClientSampleId :

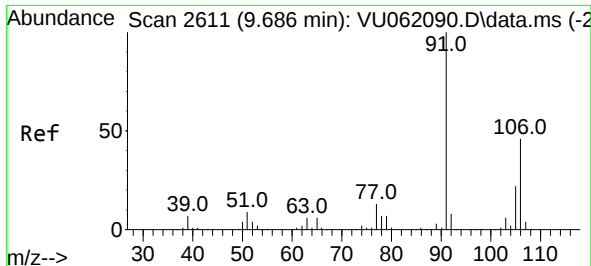
Tgt Ion:	112	Resp:	7144
Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.0	41.0
77	66.8	50.8	76.2



#52
Ethylbenzene
Concen: 2.036 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion:	91	Resp:	10937
Ion	Ratio	Lower	Upper
91	100		
106	32.0	20.8	38.6

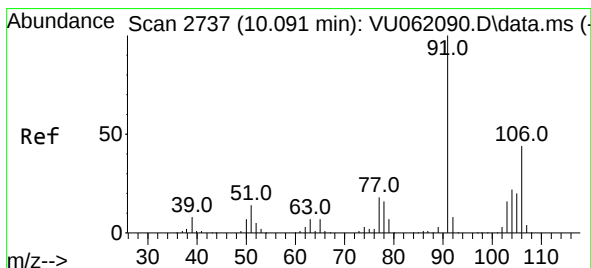
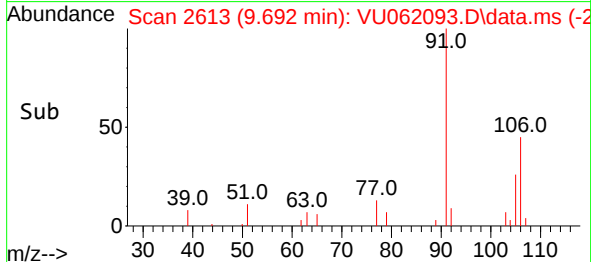
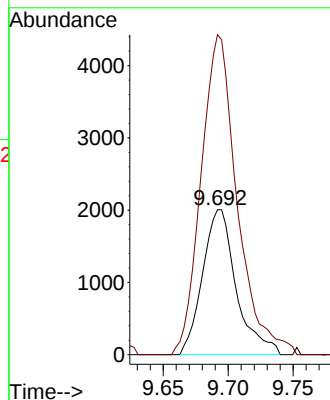
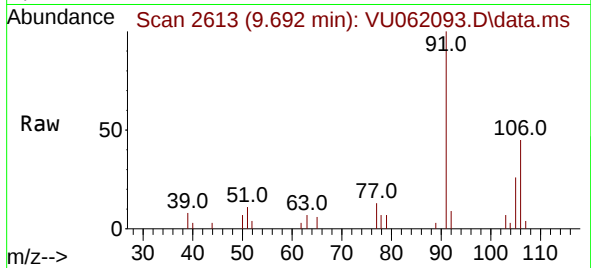




#53
m,p-Xylene
Concen: 1.825 ug/L
RT: 9.692 min Scan# 2611
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

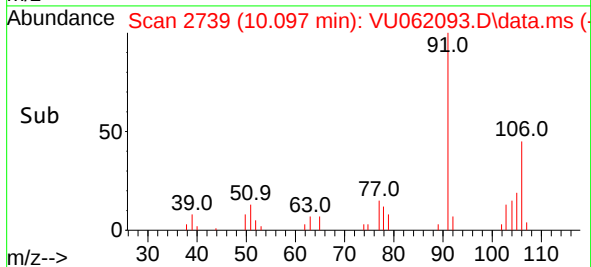
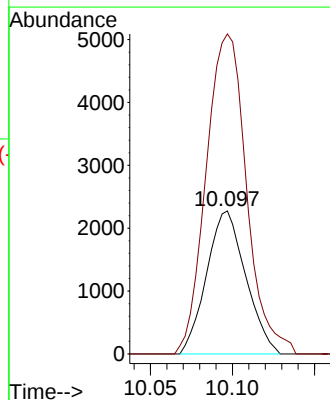
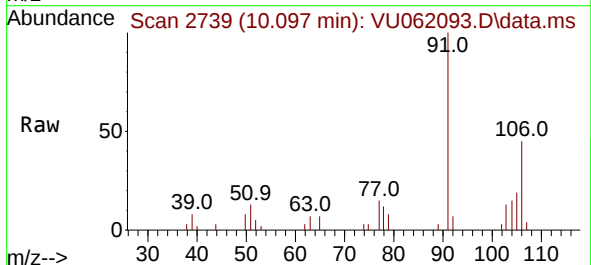
Instrument :
MSVOA_U
ClientSampleId :

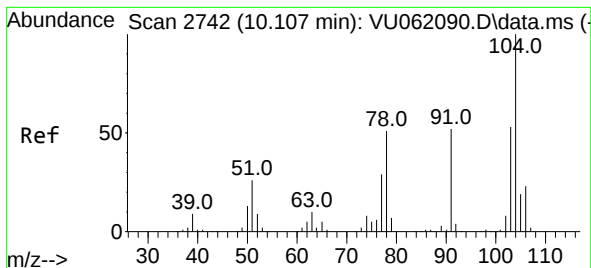
Tgt Ion:106 Resp: 3624
Ion Ratio Lower Upper
106 100
91 220.7 147.9 274.7



#54
o-Xylene
Concen: 1.937 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion:106 Resp: 3764
Ion Ratio Lower Upper
106 100
91 223.7 161.0 299.0





#55

Styrene

Concen: 1.761 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

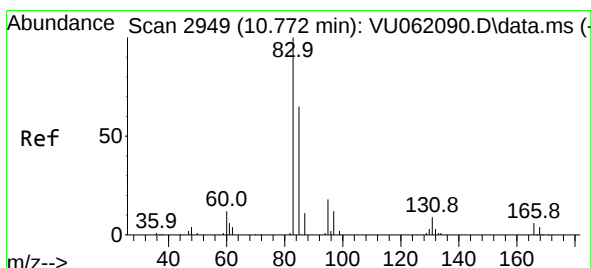
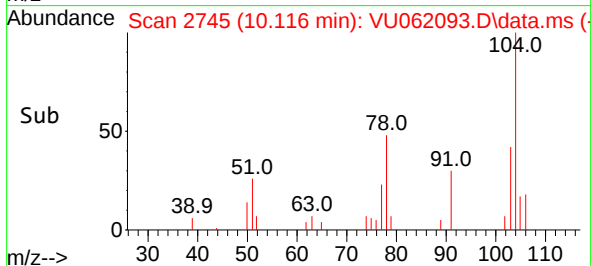
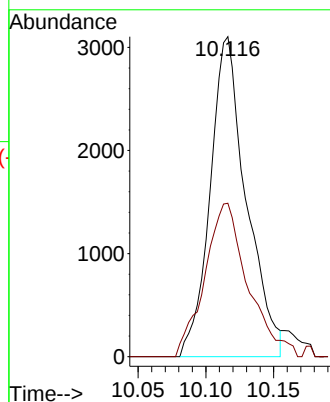
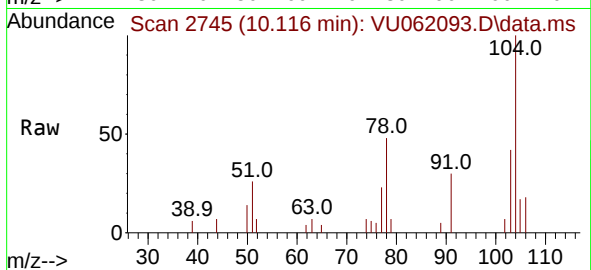
ClientSampleId :

Tgt Ion:104 Resp: 5757

Ion Ratio Lower Upper

104 100

78 48.0 34.5 64.1



#57

1,1,2,2-Tetrachloroethane

Concen: 2.287 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

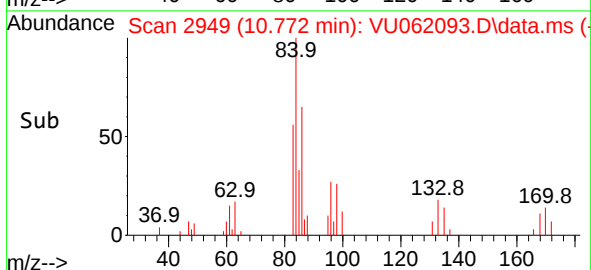
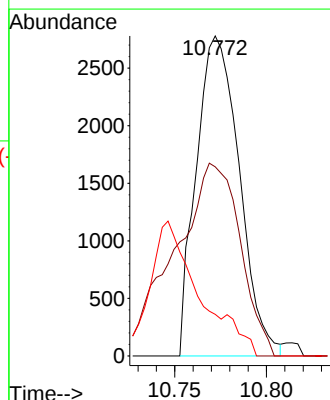
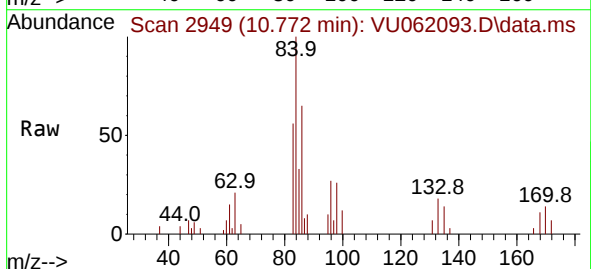
Tgt Ion: 83 Resp: 4532

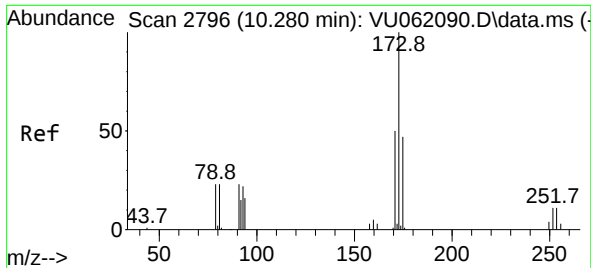
Ion Ratio Lower Upper

83 100

85 59.1 46.5 86.3

131 13.0 8.4 12.6#

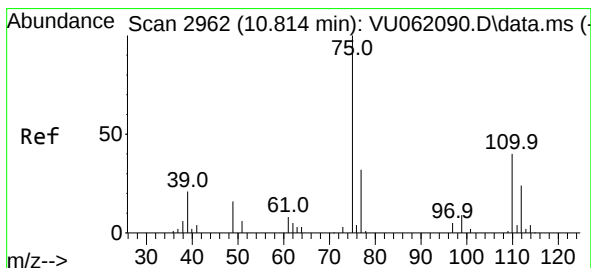
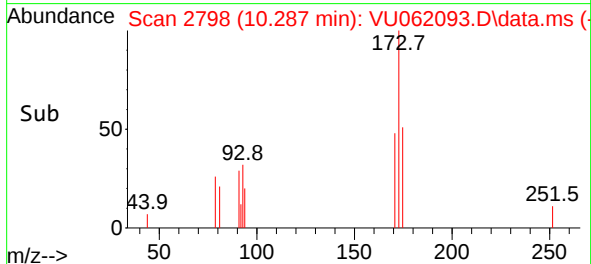
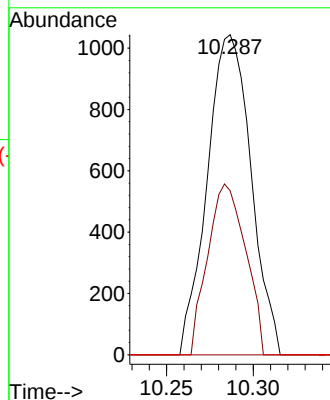
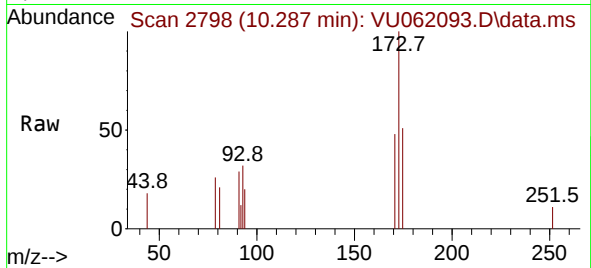




#59
Bromoform
Concen: 1.983 ug/L
RT: 10.287 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

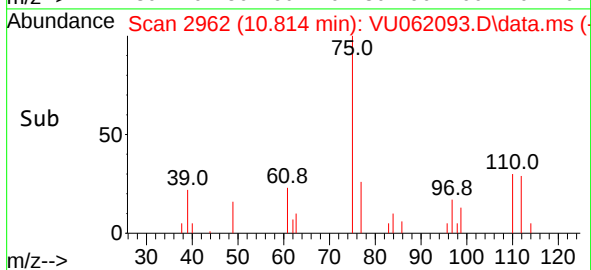
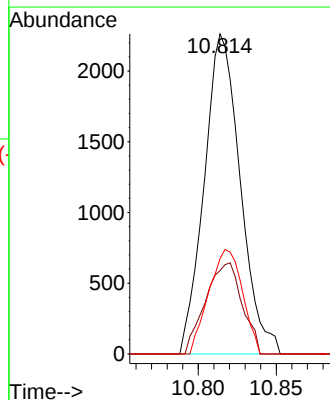
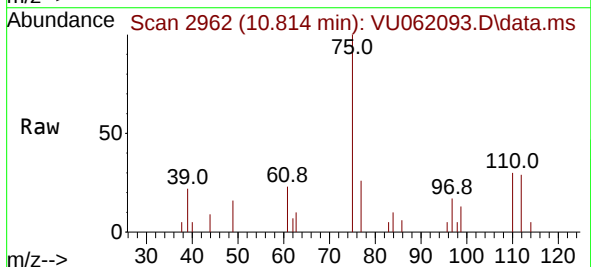
Instrument :
MSVOA_U
ClientSampleId :

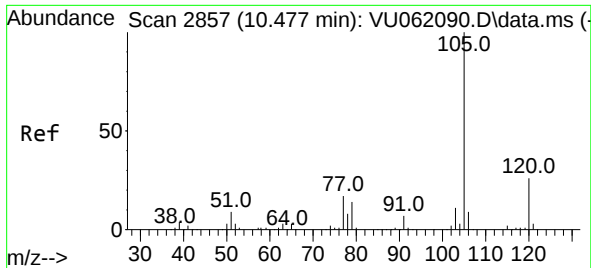
Tgt Ion:173 Resp: 1835
Ion Ratio Lower Upper
173 100
175 46.1 39.2 58.8
254 0.0 1.7 2.5#



#60
1,2,3-Trichloropropane
Concen: 2.423 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion: 75 Resp: 3634
Ion Ratio Lower Upper
75 100
77 28.9 26.2 39.4
110 30.4 30.7 46.1#

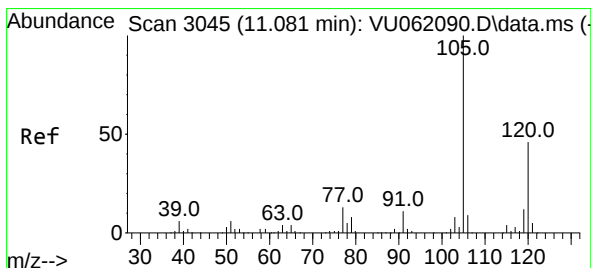
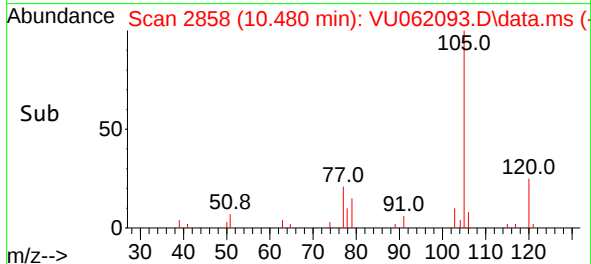
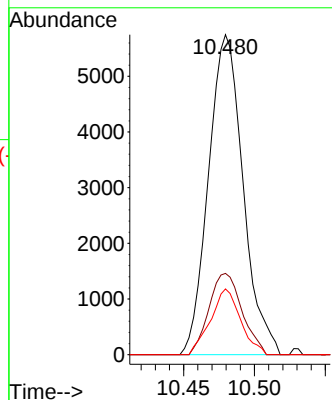
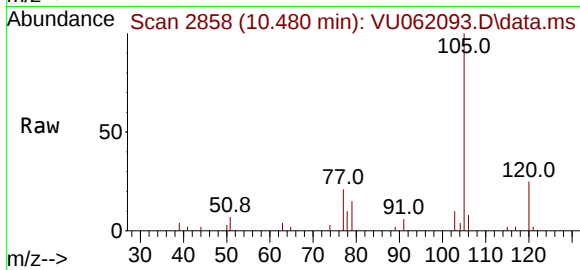




#61
Isopropylbenzene
Concen: 1.977 ug/L
RT: 10.480 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

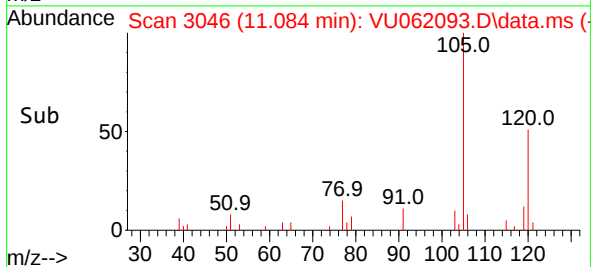
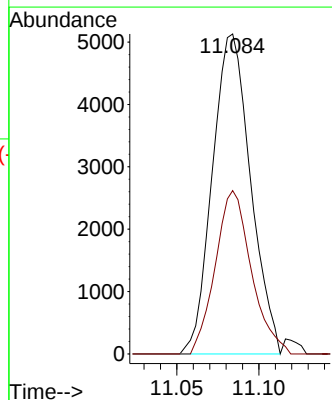
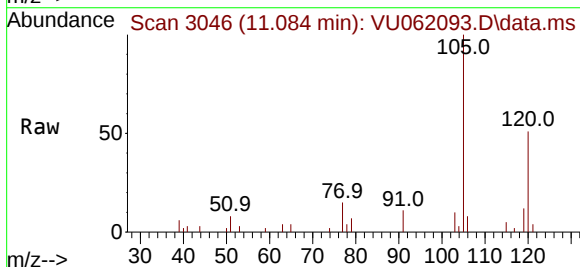
Instrument :
MSVOA_U
ClientSampleId :

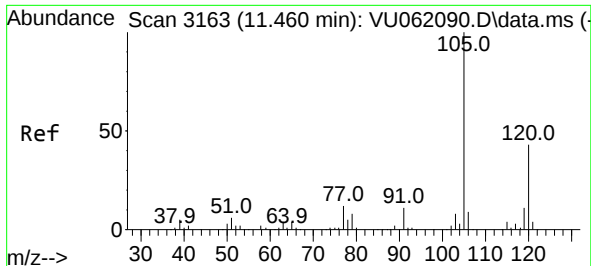
Tgt Ion:105 Resp: 9770
Ion Ratio Lower Upper
105 100
120 24.3 20.0 30.0
77 17.9 13.1 19.7



#62
1,3,5-Trimethylbenzene
Concen: 1.971 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion:105 Resp: 8294
Ion Ratio Lower Upper
105 100
120 48.2 37.0 55.6

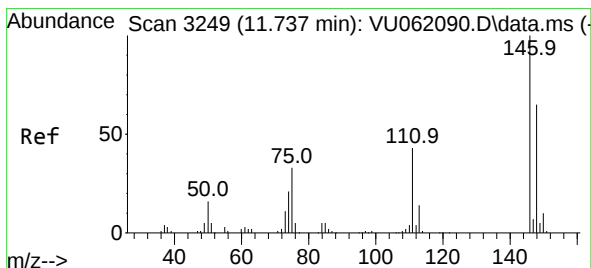
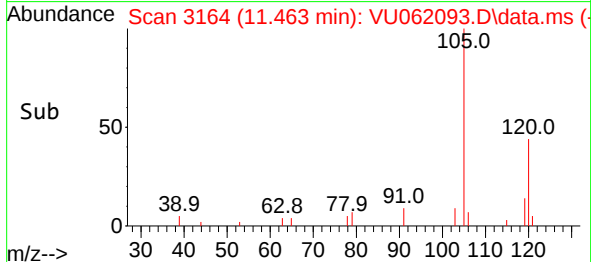
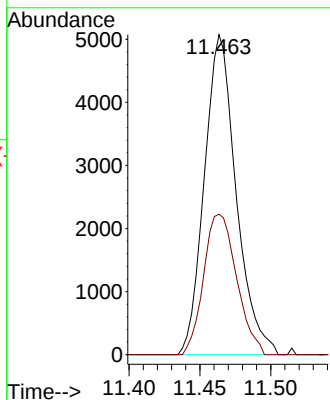
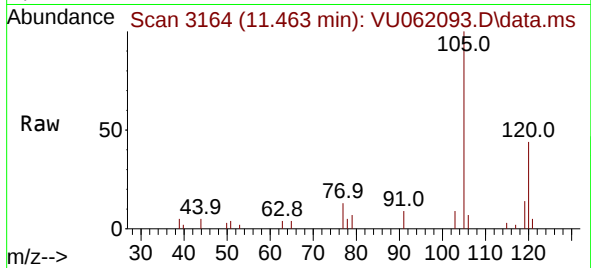




#63
 1,2,4-Trimethylbenzene
 Concen: 1.956 ug/L
 RT: 11.463 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VU062093.D
 Acq: 05 Dec 2024 11:44

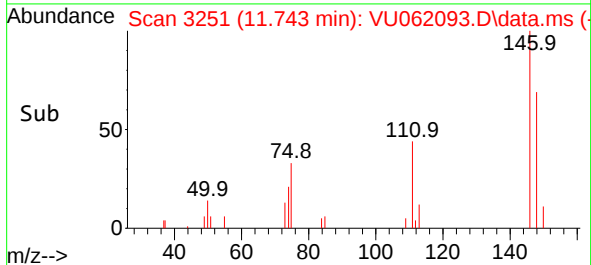
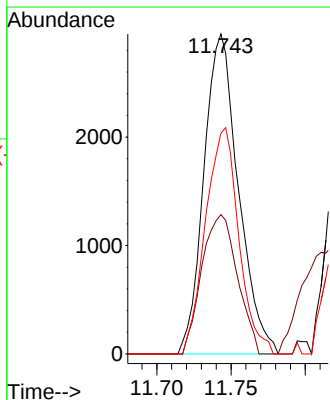
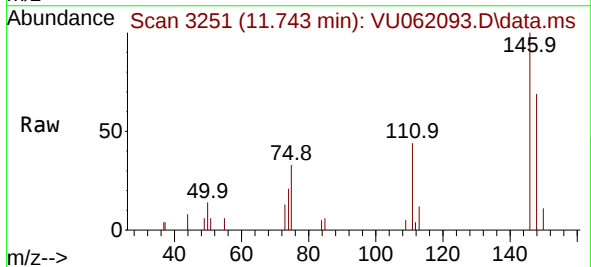
Instrument :
 MSVOA_U
 ClientSampleId :

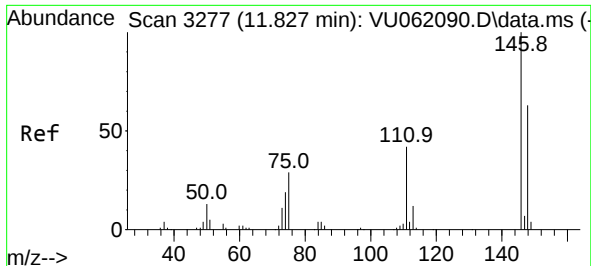
Tgt Ion:105 Resp: 7922
 Ion Ratio Lower Upper
 105 100
 120 45.5 33.8 50.8



#64
 1,3-Dichlorobenzene
 Concen: 2.089 ug/L
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.006 min
 Lab File: VU062093.D
 Acq: 05 Dec 2024 11:44

Tgt Ion:146 Resp: 4771
 Ion Ratio Lower Upper
 146 100
 111 47.7 29.8 55.4
 148 69.0 44.4 82.5

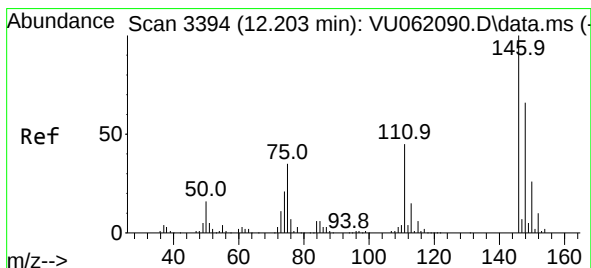
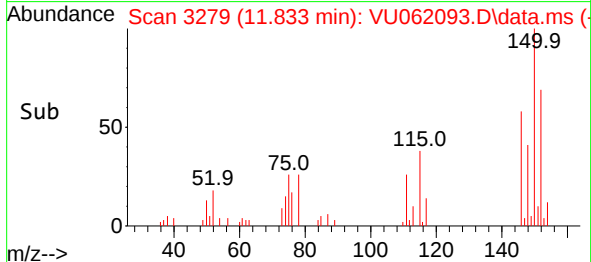
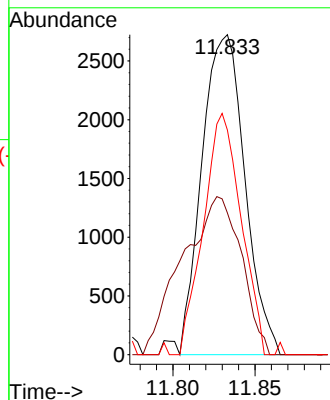
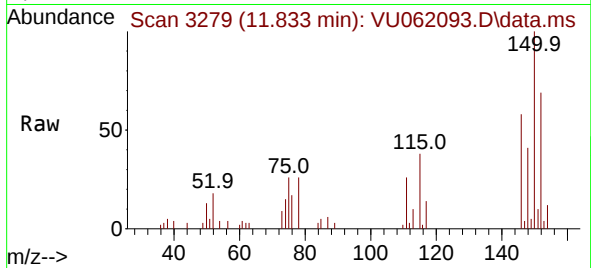




#65
1,4-Dichlorobenzene
Concen: 2.139 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

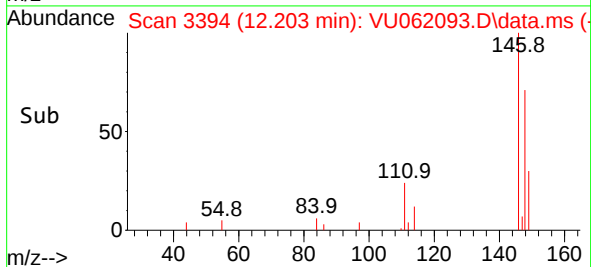
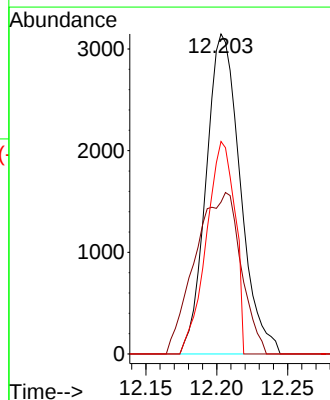
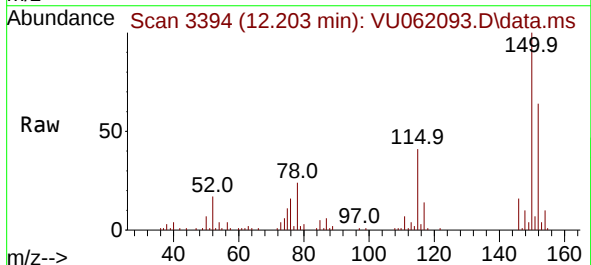
Instrument :
MSVOA_U
ClientSampleId :

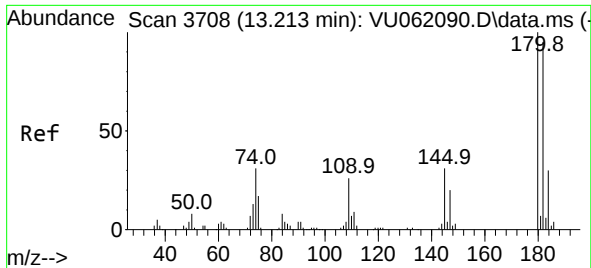
Tgt Ion:146 Resp: 4958
Ion Ratio Lower Upper
146 100
111 50.3 29.4 54.6
148 70.2 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 2.340 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062093.D
Acq: 05 Dec 2024 11:44

Tgt Ion:146 Resp: 5278
Ion Ratio Lower Upper
146 100
111 47.5 36.1 54.1
148 66.4 49.8 74.6





#69

1,3,5-Trichlorobenzene

Concen: 1.413 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

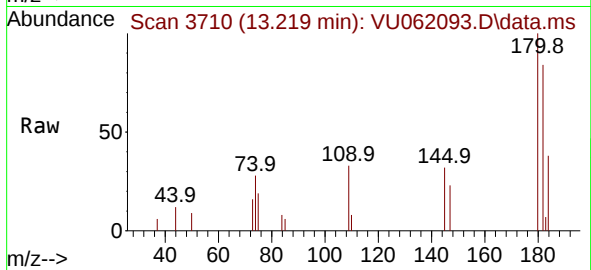
Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2271

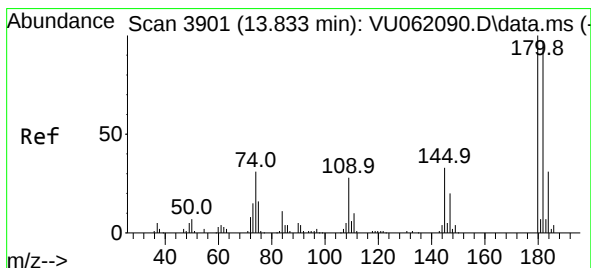
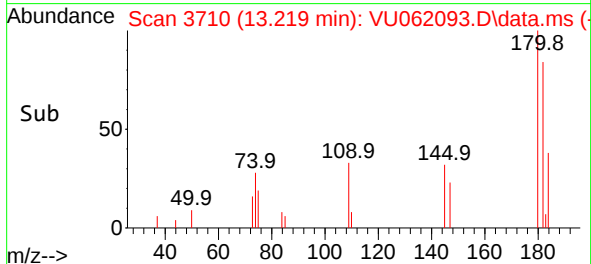
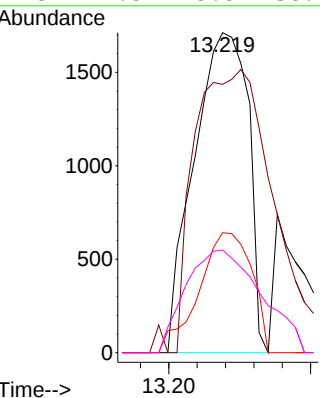
Ion Ratio Lower Upper

180 100

182 132.5 74.6 112.0#

184 36.6 24.2 36.2#

145 44.8 25.8 38.6#



#70

1,2,4-trichlorobenzene

Concen: 1.752 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU062093.D

Acq: 05 Dec 2024 11:44

Tgt Ion:180 Resp: 2404

Ion Ratio Lower Upper

180 100

182 62.2 76.6 114.8#

145 36.6 27.1 40.7

