

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062094.D
 Acq On : 05 Dec 2024 12:08
 Operator : MD/SY
 Sample : P4776-06
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 01:00:14 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	6.238	114	168791	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49641	42.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.900%
7) Chloroethane-d5	1.898	69	39167	46.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.940%
11) 1,1-Dichloroethene-d2	2.557	63	76408	34.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.920%
21) 2-Butanone-d5	4.618	46	71518	89.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.990%
24) Chloroform-d	5.052	84	111136	45.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
26) 1,2-Dichloroethane-d4	5.689	65	75380	48.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.714	84	212058	47.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
36) 1,2-Dichloropropane-d6	6.679	67	67547	48.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	7.888	98	193931	47.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.171	79	32934	47.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.720%
47) 2-Hexanone-d5	8.624	63	48768	93.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.030%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	94624	46.726	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.460%
66) 1,2-Dichlorobenzene-d4	12.184	152	71508	49.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3460	2.147	ug/L	90
3) Chloromethane	1.515	50	2982	2.245	ug/L	92
5) Vinyl chloride	1.602	62	2820	2.059	ug/L #	36
6) Bromomethane	1.840	94	1638	2.177	ug/L	99
8) Chloroethane	1.923	64	1628	2.063	ug/L	88
9) Trichlorofluoromethane	2.129	101	4600	2.197	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3119	2.657	ug/L #	74
12) 1,1-Dichloroethene	2.567	96	2785	2.608	ug/L #	1
13) Acetone	2.628	43	3656	3.842	ug/L	71
14) Carbon disulfide	2.782	76	6735	2.097	ug/L	99
15) Methyl Acetate	2.952	43	2249	1.916	ug/L #	75
16) Methylene chloride	3.036	84	2810	2.308	ug/L	91
17) trans-1,2-Dichloroethene	3.351	96	2284	2.081	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	7475	2.020	ug/L #	87
19) 1,1-Dichloroethane	3.859	63	4289	2.039	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	2562	2.049	ug/L	97
23) Bromochloromethane	4.968	128	1337	2.056	ug/L #	75
27) 1,2-Dichloroethane	5.795	62	3994	2.190	ug/L	97
29) Cyclohexane	5.377	56	3309	1.871	ug/L #	76

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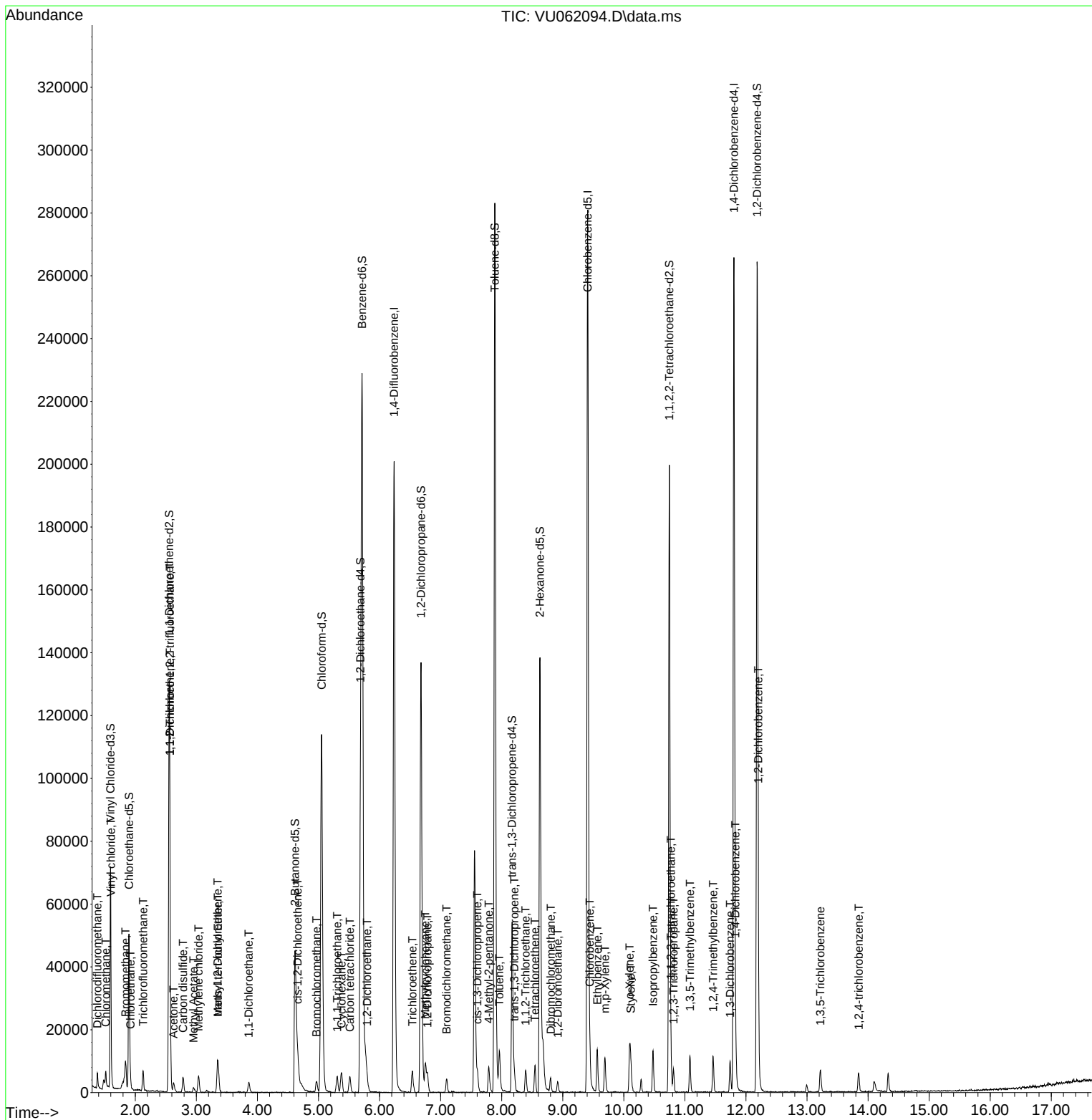
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 00:44:17 2024
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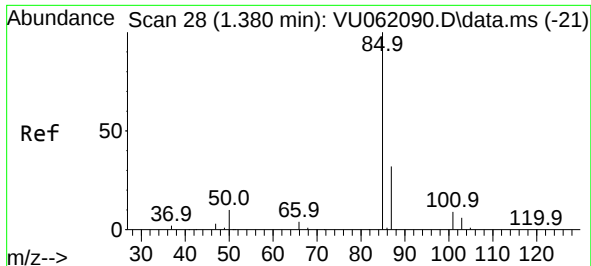
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) 1,1,1-Trichloroethane	5.309	97	4235	2.114	ug/L	99
31) Carbon tetrachloride	5.515	117	3799	2.122	ug/L	95
34) Trichloroethene	6.541	95	2676	2.127	ug/L	96
35) Methylcyclohexane	6.750	83	4074	2.136	ug/L #	76
37) 1,2-Dichloropropane	6.785	63	2641	2.166	ug/L #	88
38) Bromodichloromethane	7.100	83	3467	2.110	ug/L	90
39) cis-1,3-Dichloropropene	7.602	75	4103	2.084	ug/L #	82
40) 4-Methyl-2-pentanone	7.791	43	5861	3.848	ug/L	94
42) Toluene	7.962	91	10375	2.106	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	3896	2.140	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	2783	2.300	ug/L	95
46) Tetrachloroethene	8.544	164	1980	2.071	ug/L	86
49) Dibromochloromethane	8.804	129	2464	1.949	ug/L	86
50) 1,2-Dibromoethane	8.920	107	2619	1.992	ug/L #	97
51) Chlorobenzene	9.444	112	6796	2.184	ug/L	93
52) Ethylbenzene	9.566	91	10855	2.006	ug/L	94
53) m,p-Xylene	9.692	106	3751	1.875	ug/L	85
54) o-Xylene	10.097	106	3515	1.796	ug/L	83
55) Styrene	10.116	104	5487	1.666	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	3998	2.002	ug/L #	97
60) 1,2,3-Trichloropropane	10.814	75	3158	2.098	ug/L	98
61) Isopropylbenzene	10.479	105	9042	1.823	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.084	105	7557	1.789	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7285	1.792	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	4662	2.034	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	5172	2.223	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	4728	2.088	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.219	180	2413	1.495	ug/L #	74
70) 1,2,4-trichlorobenzene	13.849	180	2893	2.100	ug/L #	54

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

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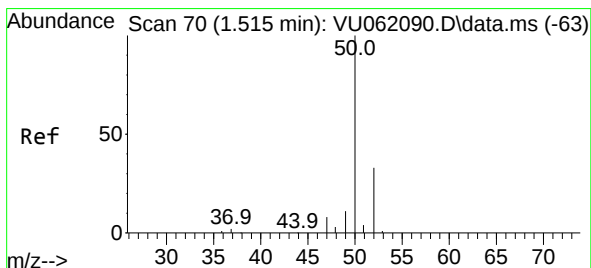
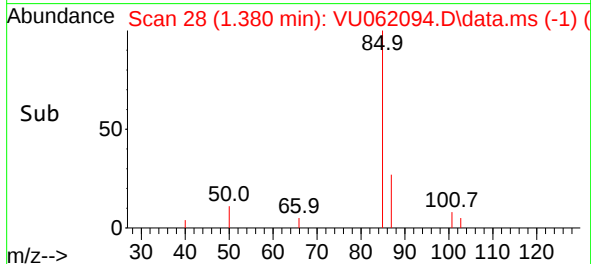
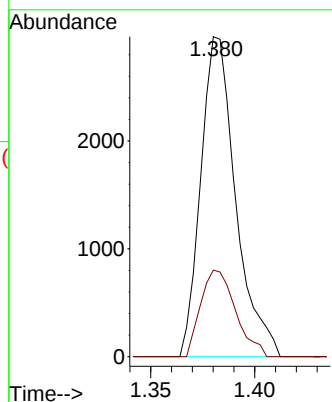
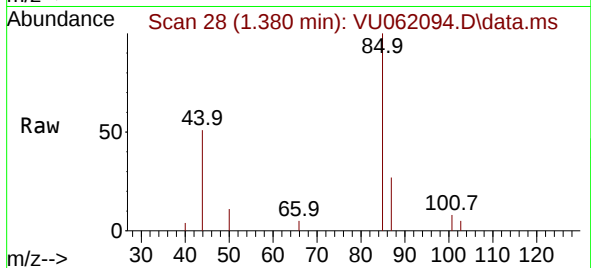




#2
Dichlorodifluoromethane
Concen: 2.147 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

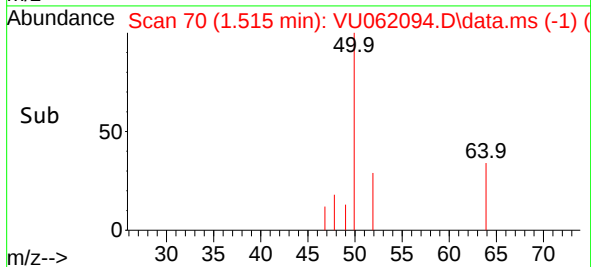
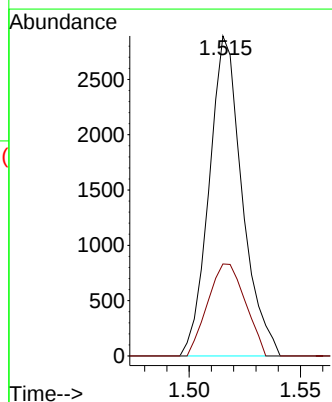
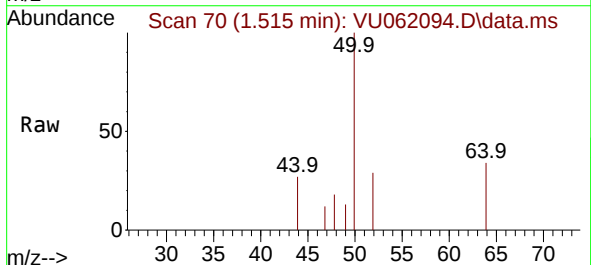
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MSVOA_U
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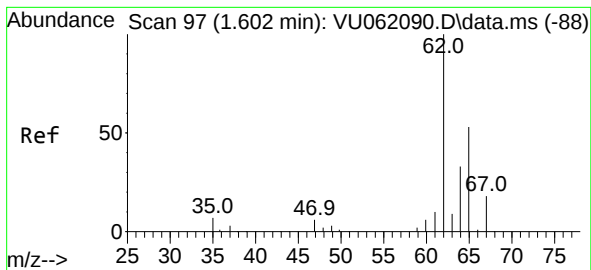
Tgt Ion: 85 Resp: 3460
Ion Ratio Lower Upper
85 100
87 27.1 26.0 39.0



#3
Chloromethane
Concen: 2.245 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 50 Resp: 2982
Ion Ratio Lower Upper
50 100
52 28.7 23.3 43.3





#5

Vinyl chloride

Concen: 2.059 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

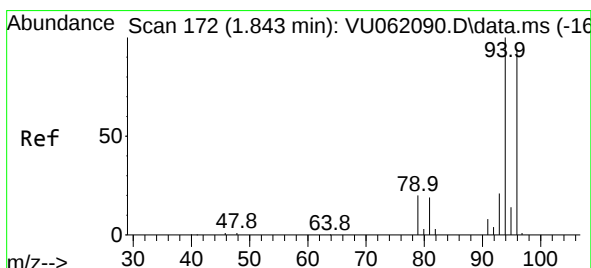
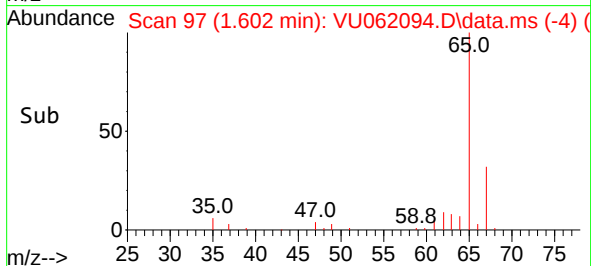
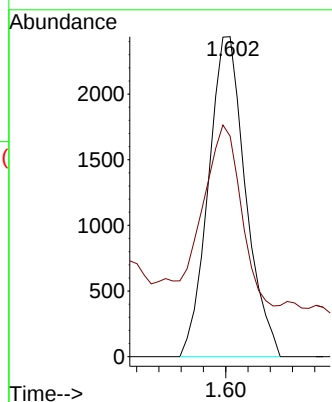
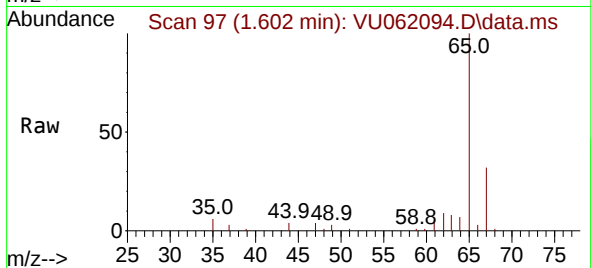
ClientSampleId :

Tgt Ion: 62 Resp: 2820

Ion Ratio Lower Upper

62 100

64 68.9 23.0 42.8#



#6

Bromomethane

Concen: 2.177 ug/L

RT: 1.840 min Scan# 171

Delta R.T. -0.004 min

Lab File: VU062094.D

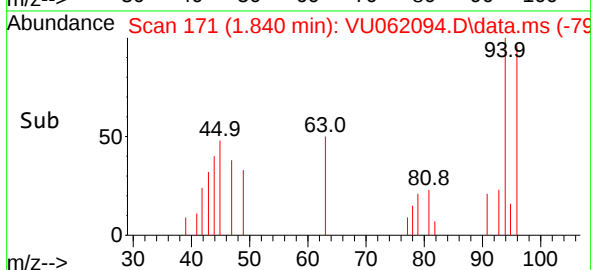
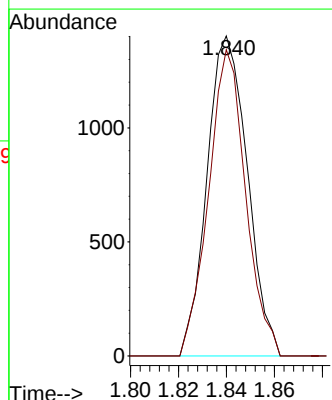
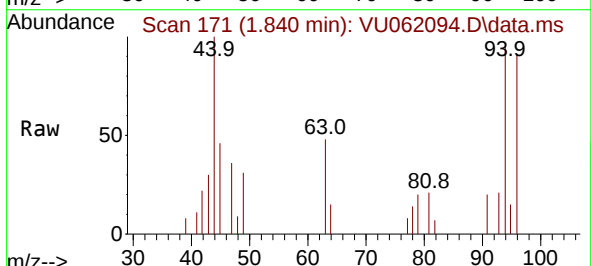
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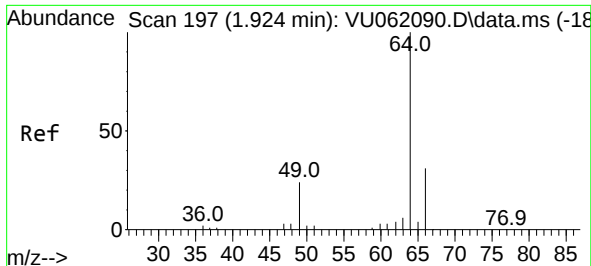
Tgt Ion: 94 Resp: 1638

Ion Ratio Lower Upper

94 100

96 95.7 66.0 122.6

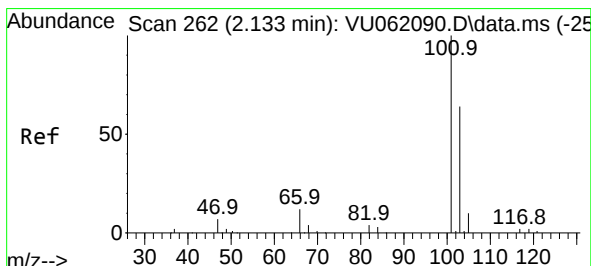
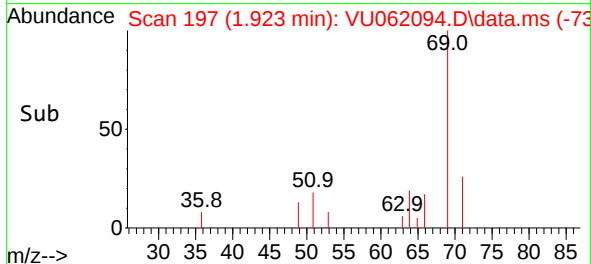
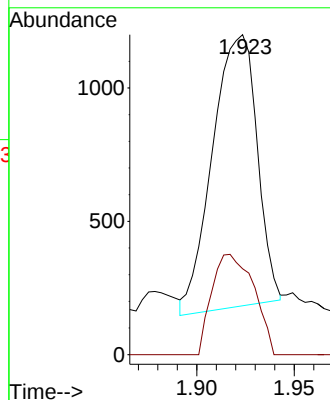
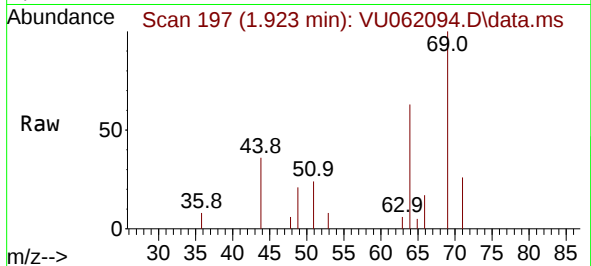




#8
Chloroethane
Concen: 2.063 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

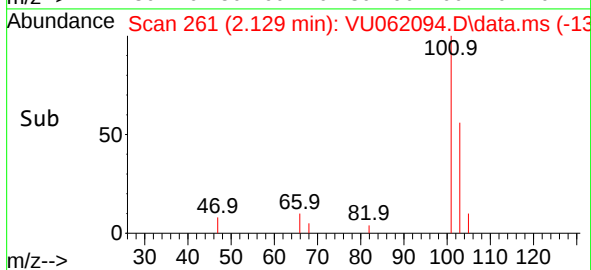
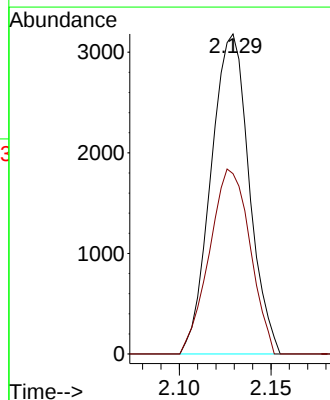
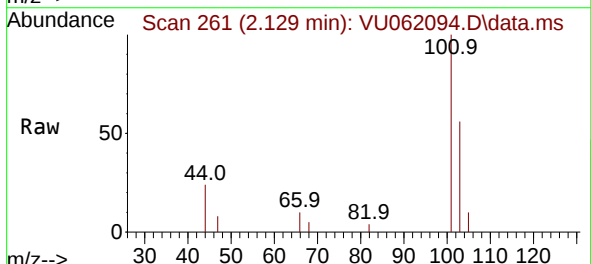
Instrument :
MSVOA_U
ClientSampleId :

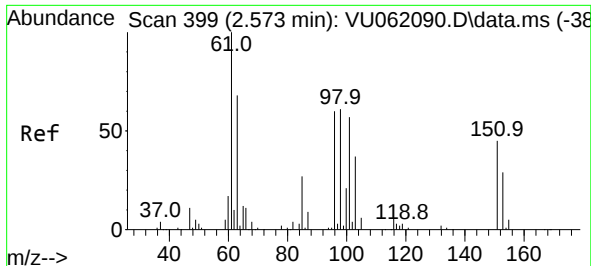
Tgt Ion: 64 Resp: 1628
Ion Ratio Lower Upper
64 100
66 26.8 23.7 44.1



#9
Trichlorofluoromethane
Concen: 2.197 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:101 Resp: 4600
Ion Ratio Lower Upper
101 100
103 61.6 52.9 79.3

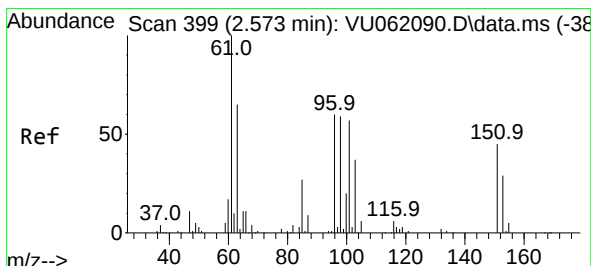
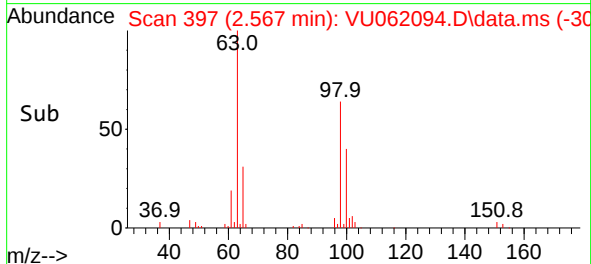
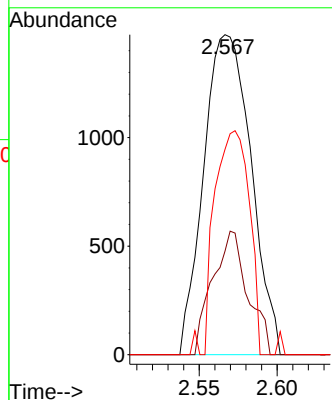
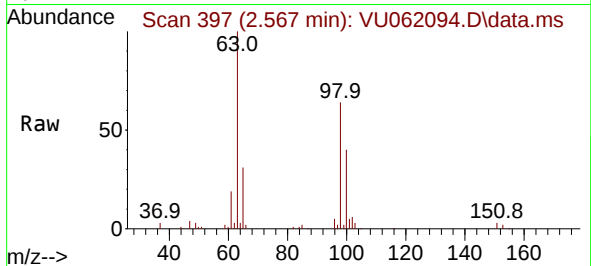




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.657 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

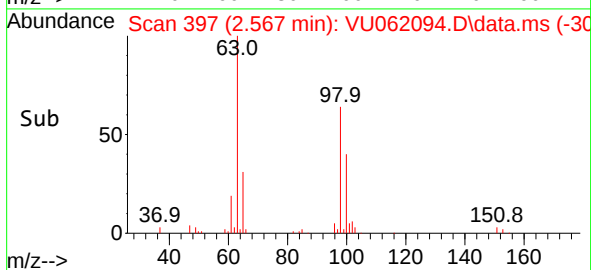
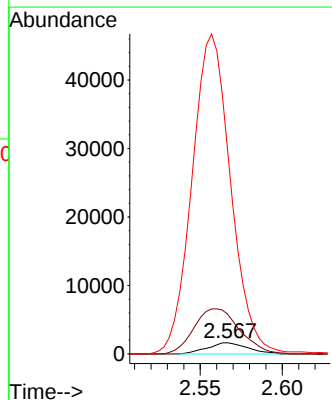
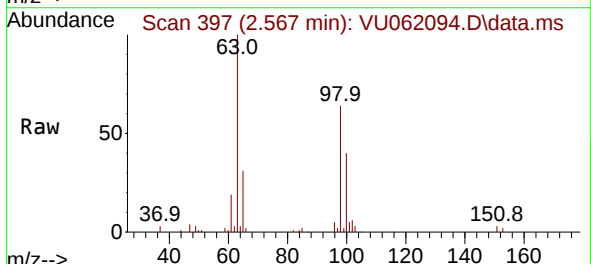
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ClientSampleId :

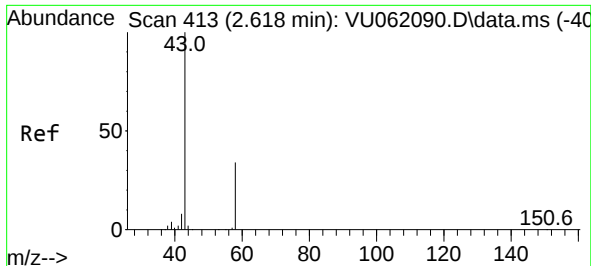
Tgt Ion:101 Resp: 3119
Ion Ratio Lower Upper
101 100
85 28.7 34.7 52.1#
151 50.8 59.0 88.4#



#12
1,1-Dichloroethene
Concen: 2.608 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 96 Resp: 2785
Ion Ratio Lower Upper
96 100
61 358.6 115.2 214.0#
63 1842.8 89.3 165.9#





#13

Acetone

Concen: 3.842 ug/L

RT: 2.628 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

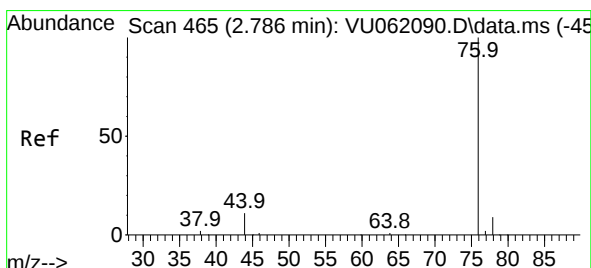
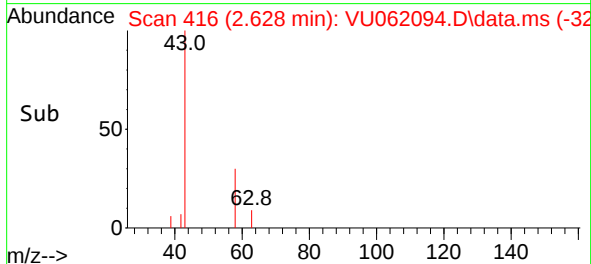
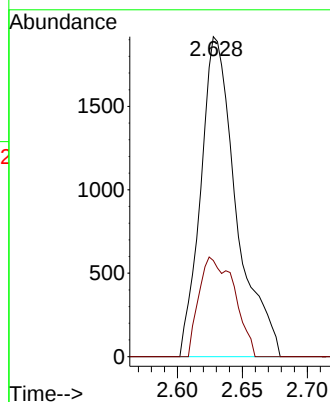
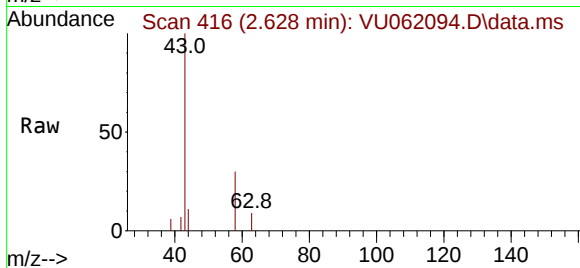
ClientSampleId :

Tgt Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

58 19.3 0.0 72.4



#14

Carbon disulfide

Concen: 2.097 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.004 min

Lab File: VU062094.D

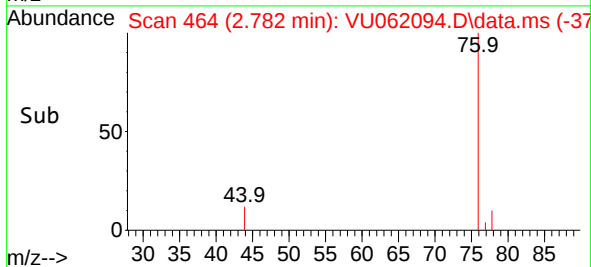
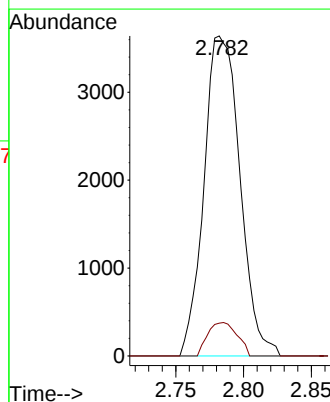
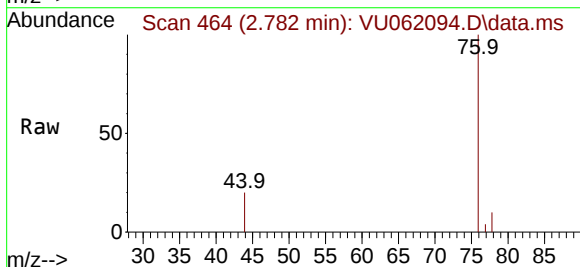
Acq: 05 Dec 2024 12:08

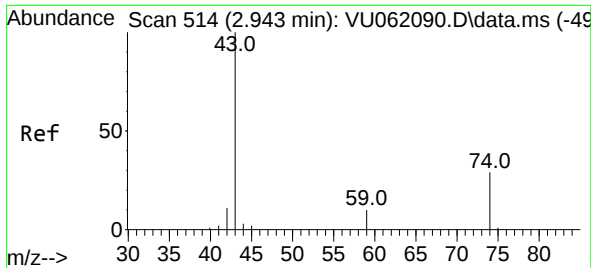
Tgt Ion: 76 Resp: 6735

Ion Ratio Lower Upper

76 100

78 10.2 7.8 11.6

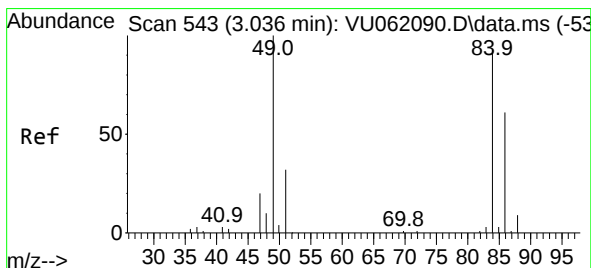
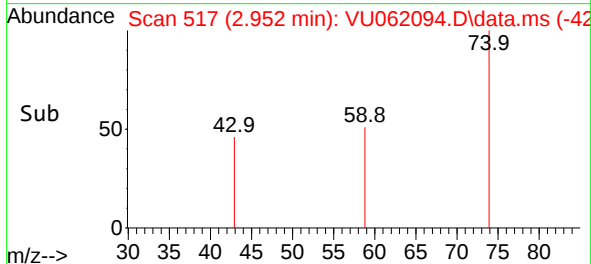
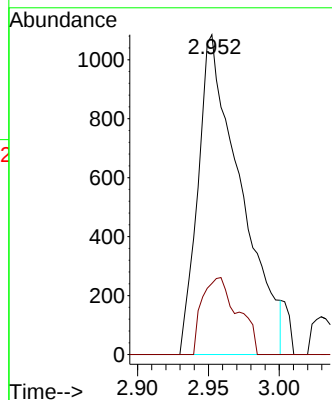
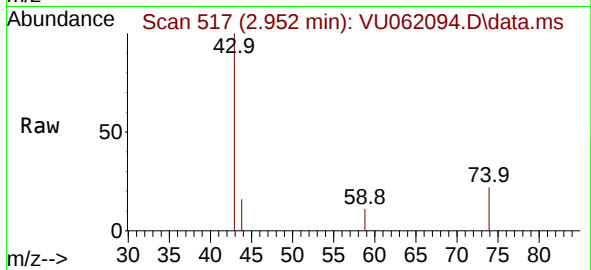




#15
Methyl Acetate
Concen: 1.916 ug/L
RT: 2.952 min Scan# 514
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

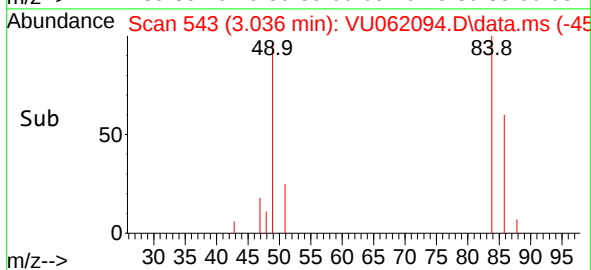
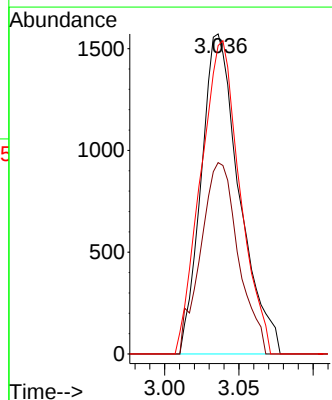
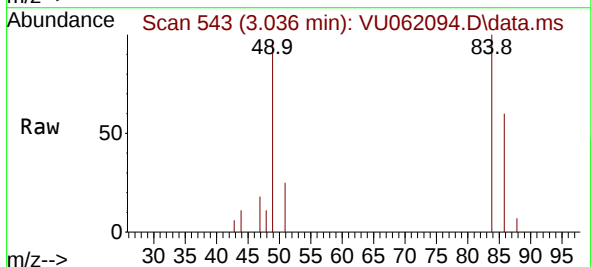
Instrument :
MSVOA_U
ClientSampleId :

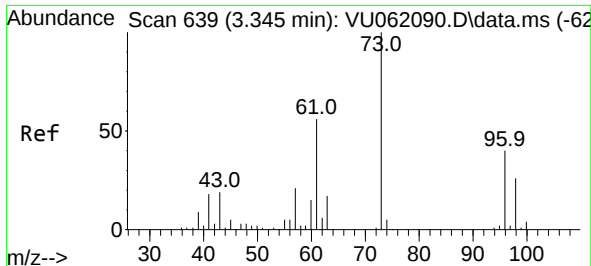
Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
74 15.9 23.4 35.2#



#16
Methylene chloride
Concen: 2.308 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 84 Resp: 2810
Ion Ratio Lower Upper
84 100
86 59.8 44.4 82.4
49 96.4 75.9 141.1

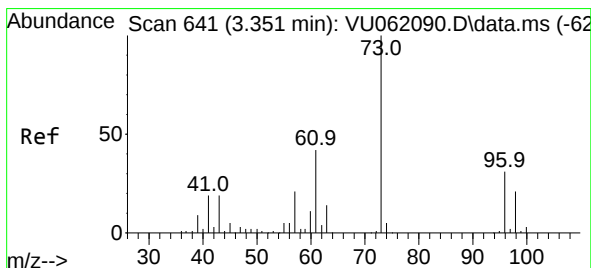
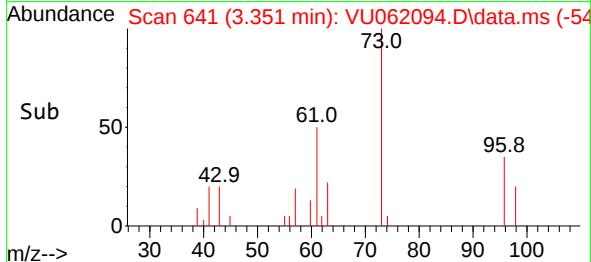
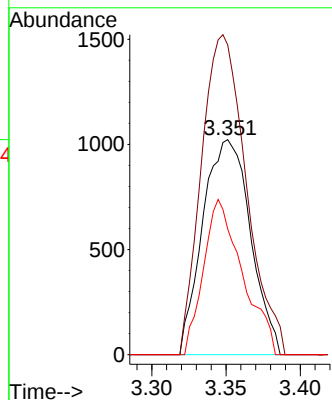
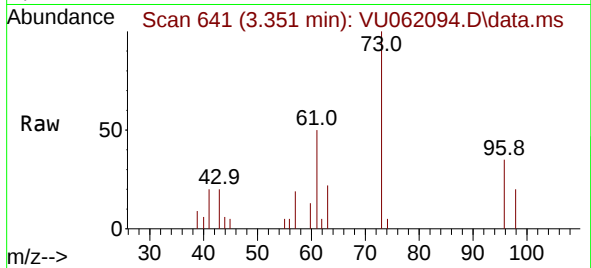




#17
trans-1,2-Dichloroethene
Concen: 2.081 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

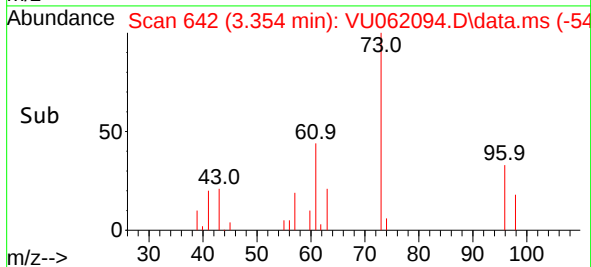
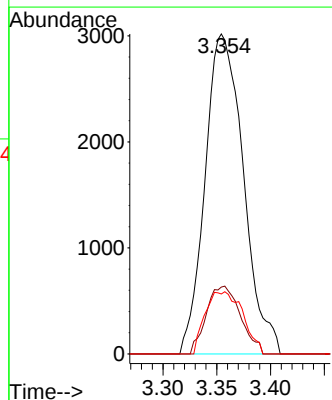
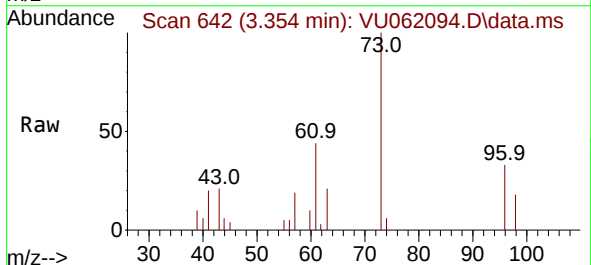
Instrument :
MSVOA_U
ClientSampleId :

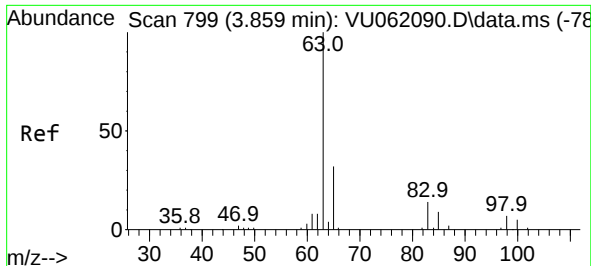
Tgt Ion: 96 Resp: 2284
Ion Ratio Lower Upper
96 100
61 144.0 96.2 178.6
98 58.4 42.7 79.3



#18
Methyl tert-butyl Ether
Concen: 2.020 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 73 Resp: 7475
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1
57 8.9 16.4 24.6#





#19

1,1-Dichloroethane

Concen: 2.039 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062094.D

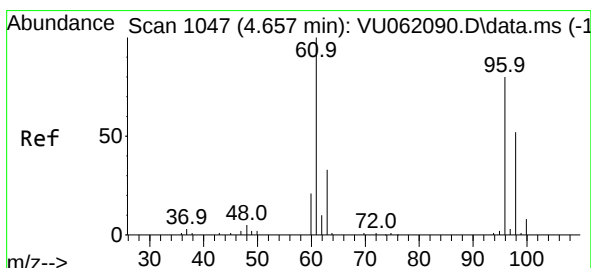
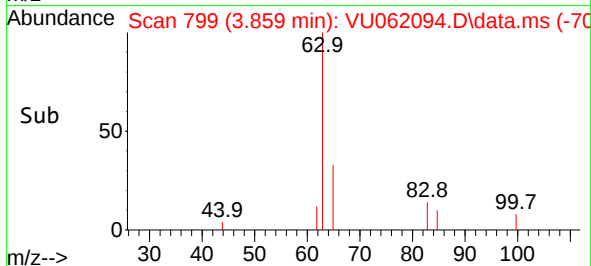
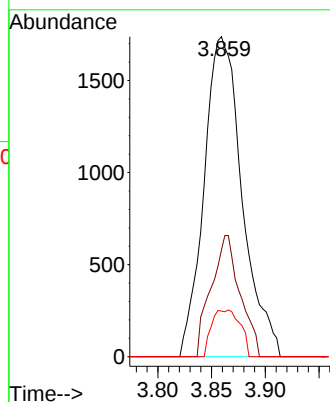
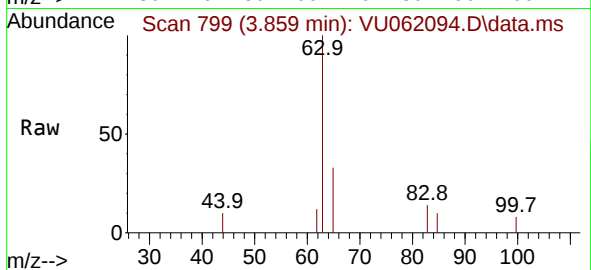
Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 4289
Ion Ratio	Lower Upper
63 100	
65 33.4	21.7 40.3
83 14.3	10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 2.049 ug/L

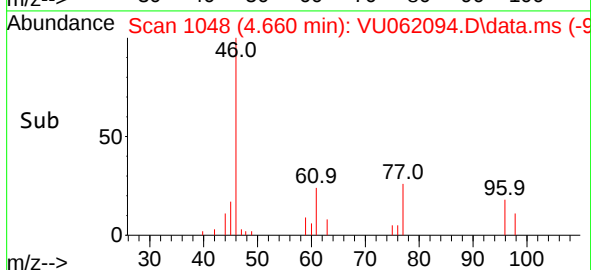
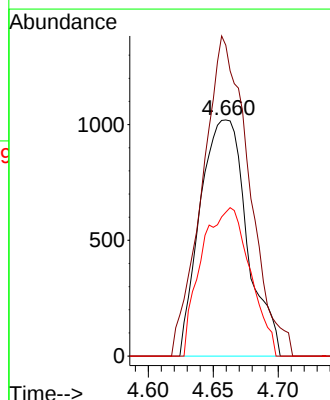
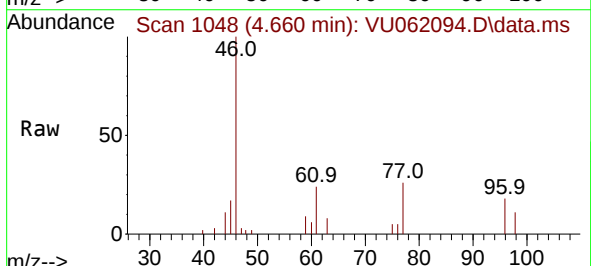
RT: 4.660 min Scan# 1048

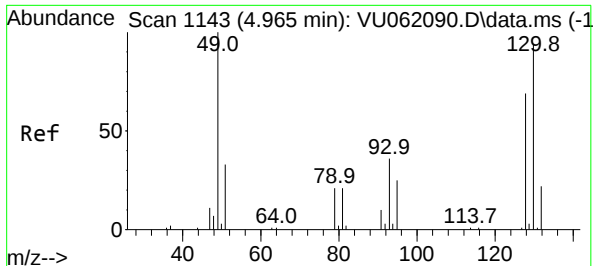
Delta R.T. 0.003 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Tgt Ion: 96	Resp: 2562		
Ion Ratio	Lower	Upper	
96	100		
61	131.7	90.1	167.3
98	60.9	45.3	84.1





#23

Bromochloromethane

Concen: 2.056 ug/L

RT: 4.968 min Scan# 1143

Delta R.T. 0.003 min

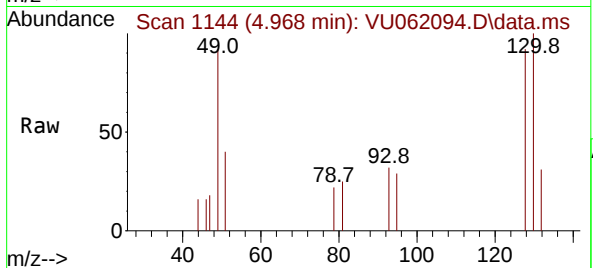
Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1337

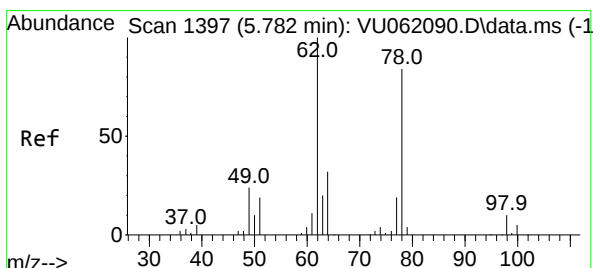
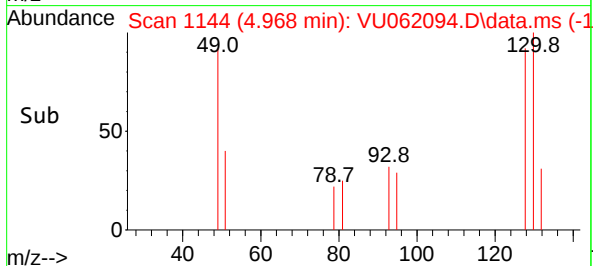
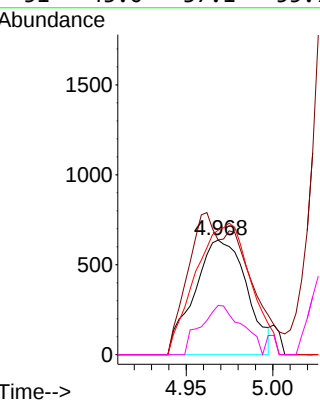
Ion Ratio Lower Upper

128 100

49 100.2 100.7 187.1#

130 108.6 92.4 171.6

51 43.0 37.1 55.7



#27

1,2-Dichloroethane

Concen: 2.190 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.013 min

Lab File: VU062094.D

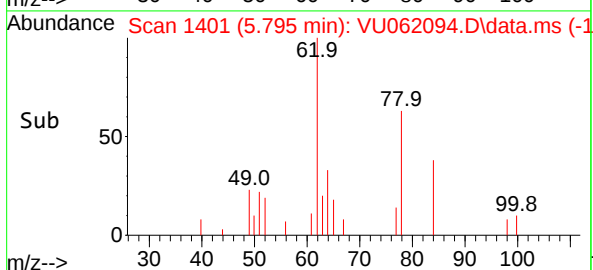
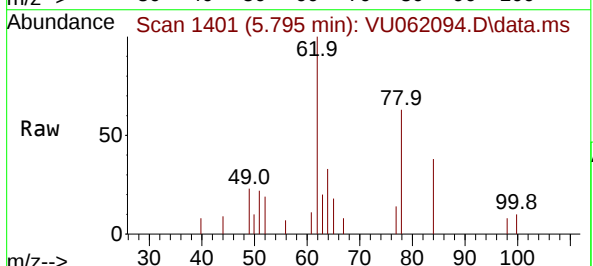
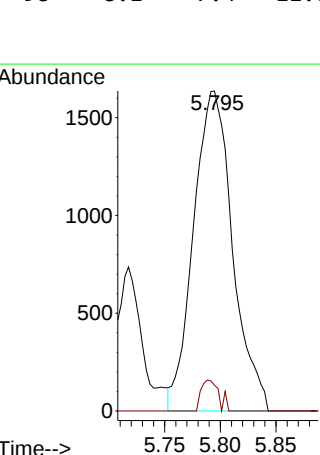
Acq: 05 Dec 2024 12:08

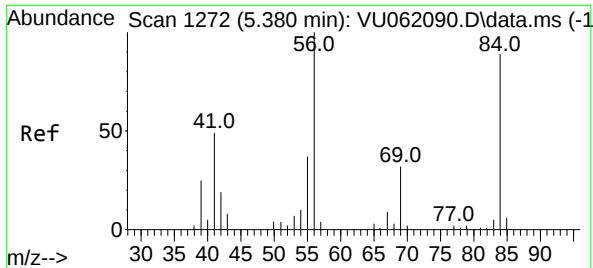
Tgt Ion: 62 Resp: 3994

Ion Ratio Lower Upper

62 100

98 8.1 7.4 11.0





#29

Cyclohexane

Concen: 1.871 ug/L

RT: 5.377 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

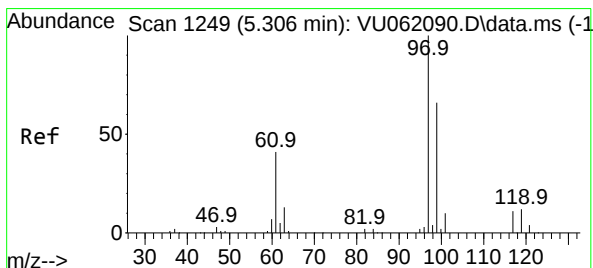
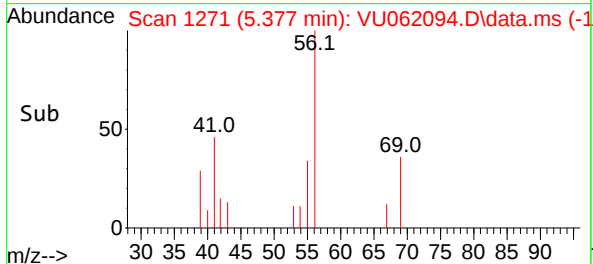
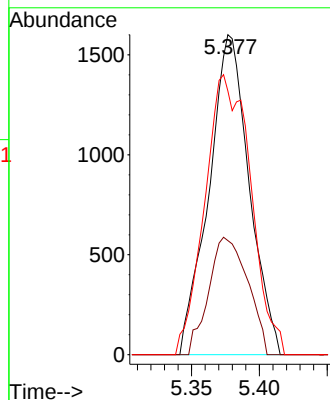
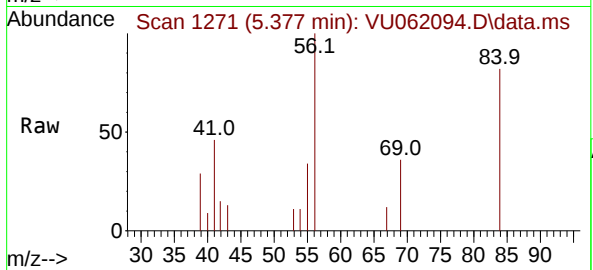
Tgt Ion: 56 Resp: 3309

Ion Ratio Lower Upper

56 100

69 35.5 27.1 40.7

84 60.0 72.1 108.1#



#30

1,1,1-Trichloroethane

Concen: 2.114 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

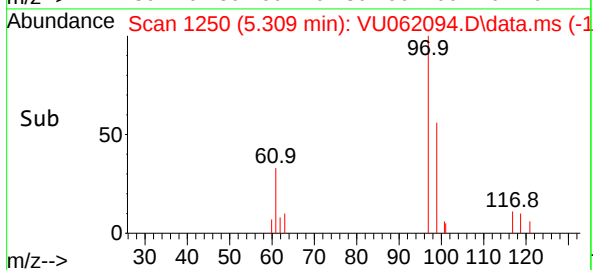
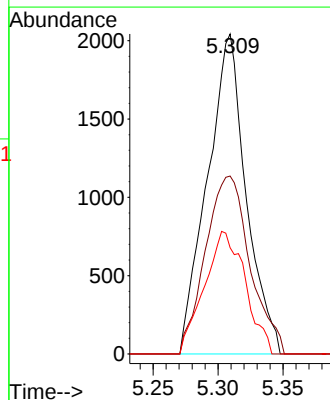
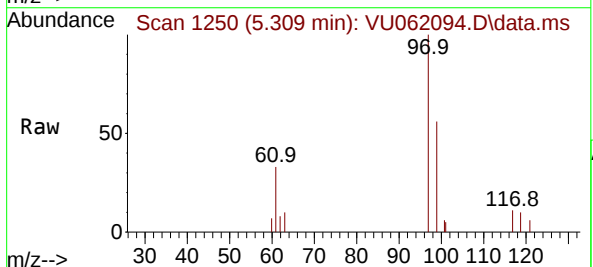
Tgt Ion: 97 Resp: 4235

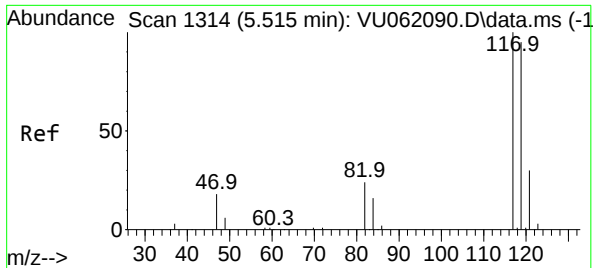
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.4 32.6 48.8

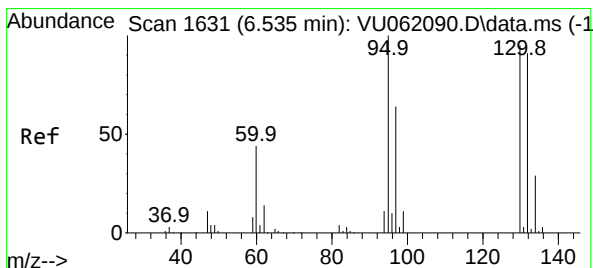
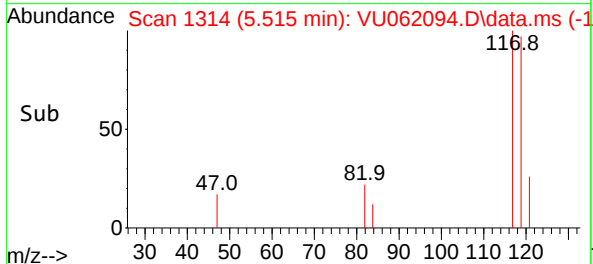
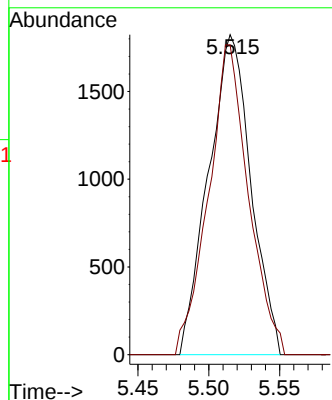
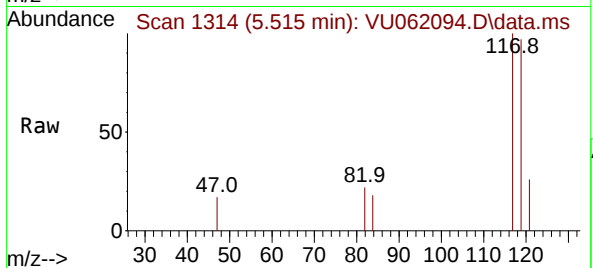




#31
Carbon tetrachloride
Concen: 2.122 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

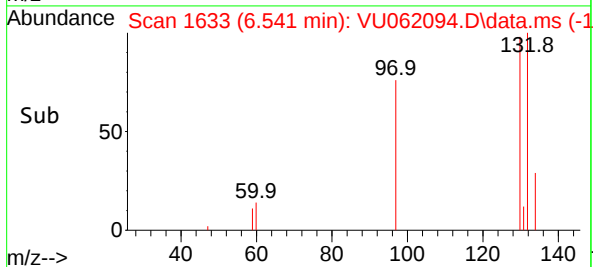
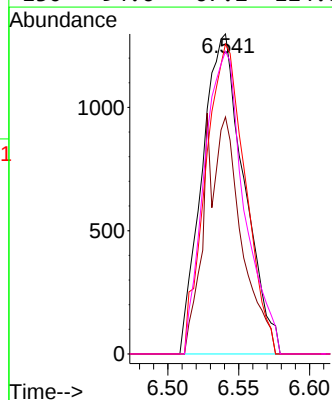
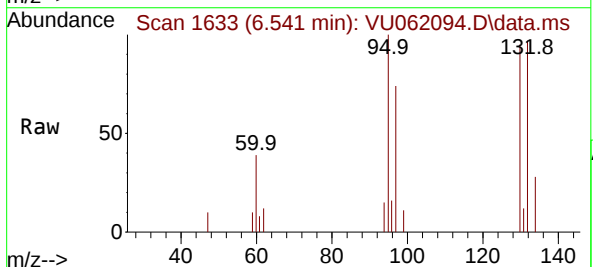
Instrument :
MSVOA_U
ClientSampleId :

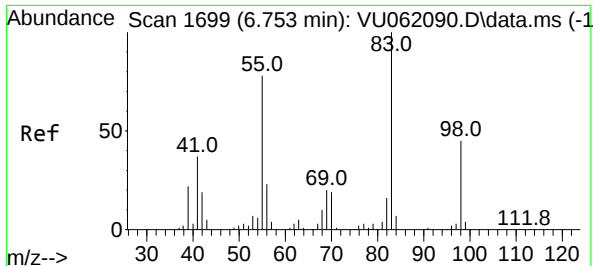
Tgt Ion:117 Resp: 3799
Ion Ratio Lower Upper
117 100
119 91.0 77.0 115.6



#34
Trichloroethene
Concen: 2.127 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 95 Resp: 2676
Ion Ratio Lower Upper
95 100
97 74.0 44.6 82.8
132 96.8 67.3 124.9
130 94.6 67.2 124.8





#35

Methylcyclohexane

Concen: 2.136 ug/L

RT: 6.750 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

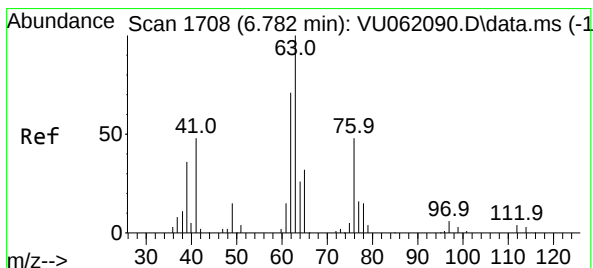
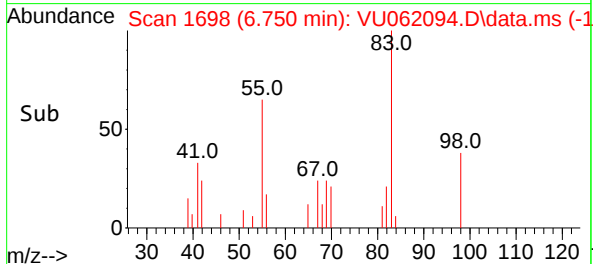
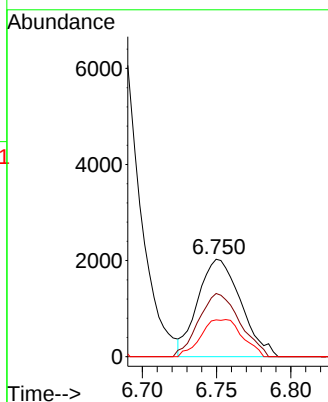
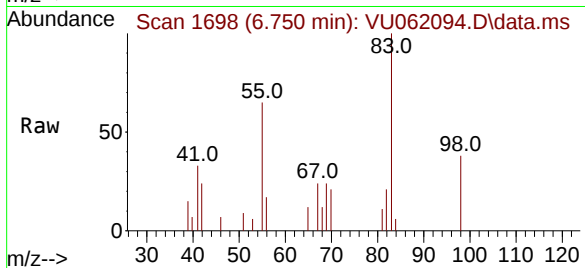
Tgt Ion: 83 Resp: 4074

Ion Ratio Lower Upper

83 100

55 62.0 60.1 90.1

98 19.4 35.8 53.8#



#37

1,2-Dichloropropane

Concen: 2.166 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU062094.D

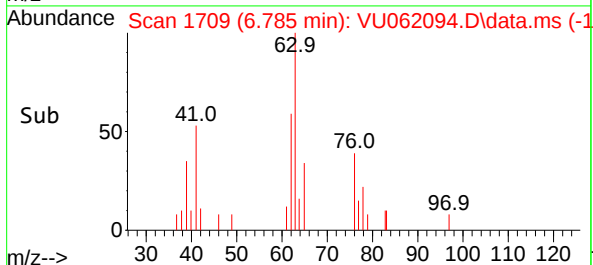
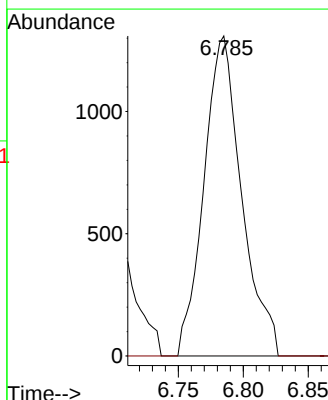
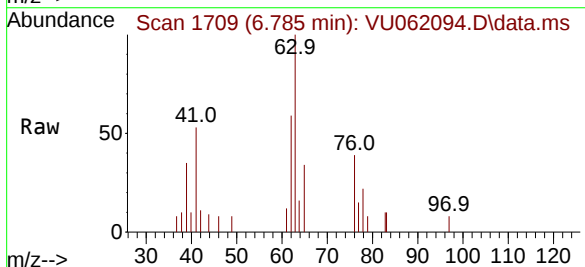
Acq: 05 Dec 2024 12:08

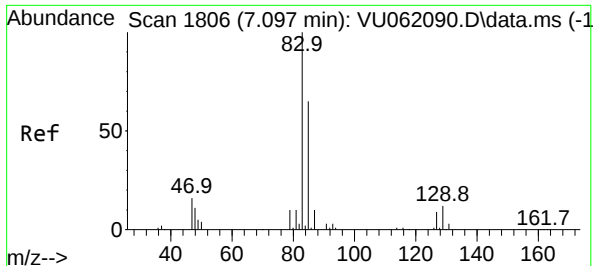
Tgt Ion: 63 Resp: 2641

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#38

Bromodichloromethane

Concen: 2.110 ug/L

RT: 7.100 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

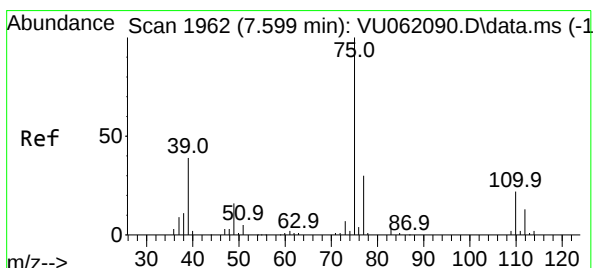
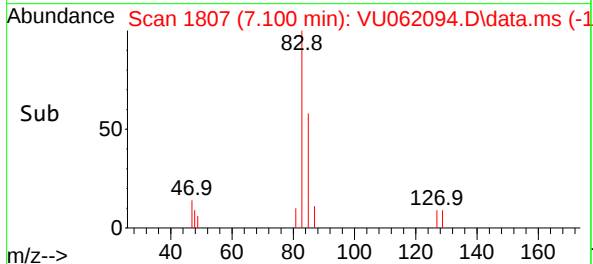
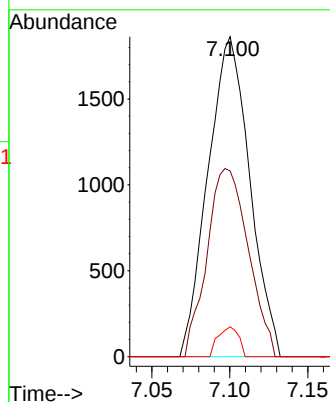
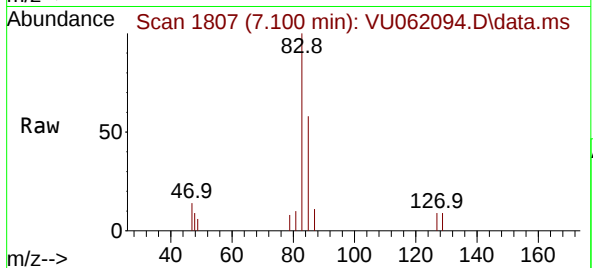
Tgt Ion: 83 Resp: 3467

Ion Ratio Lower Upper

83 100

85 58.0 46.8 87.0

127 9.3 6.8 10.2



#39

cis-1,3-Dichloropropene

Concen: 2.084 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU062094.D

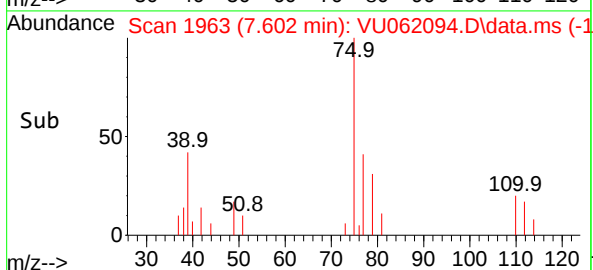
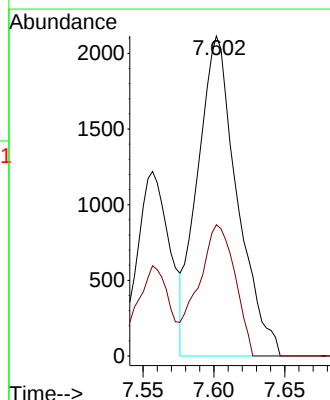
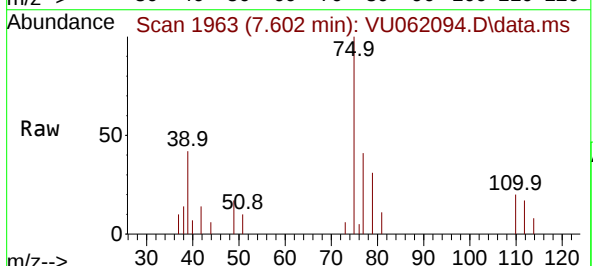
Acq: 05 Dec 2024 12:08

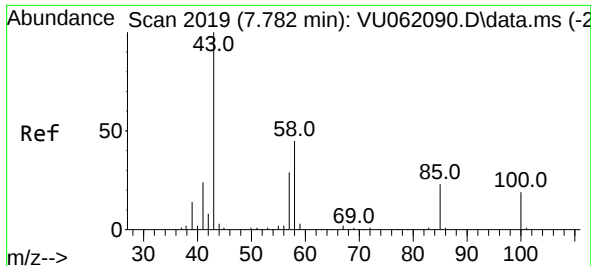
Tgt Ion: 75 Resp: 4103

Ion Ratio Lower Upper

75 100

77 41.0 21.6 40.2#

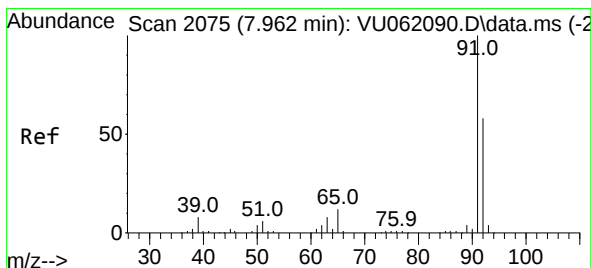
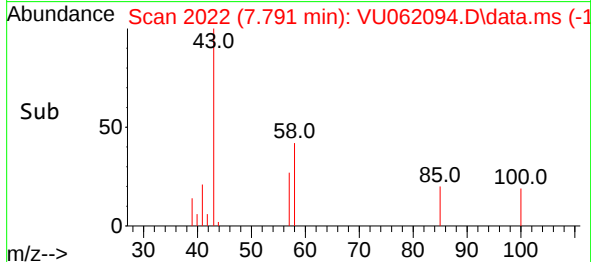
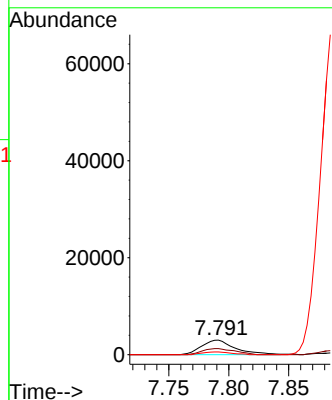
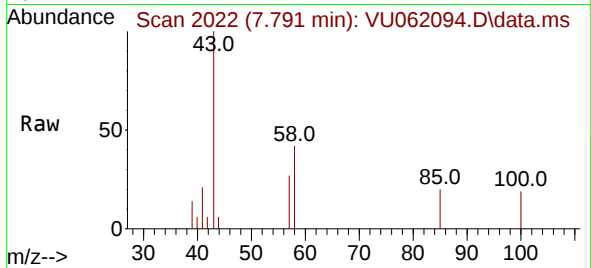




#40
4-Methyl-2-pentanone
Concen: 3.848 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

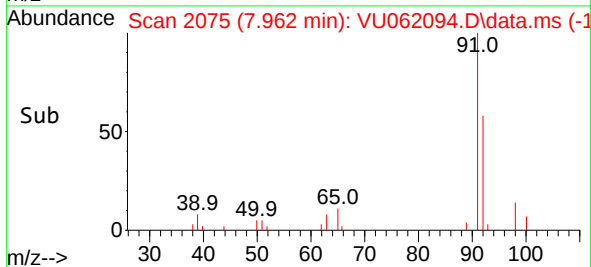
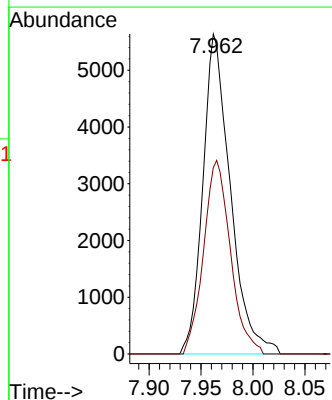
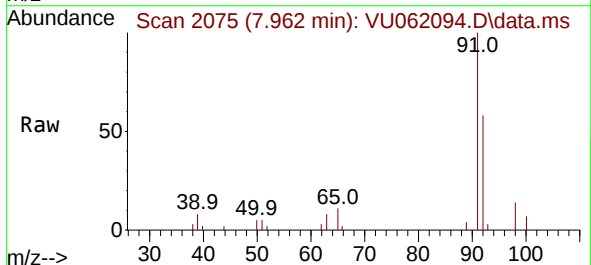
Instrument :
MSVOA_U
ClientSampleId :

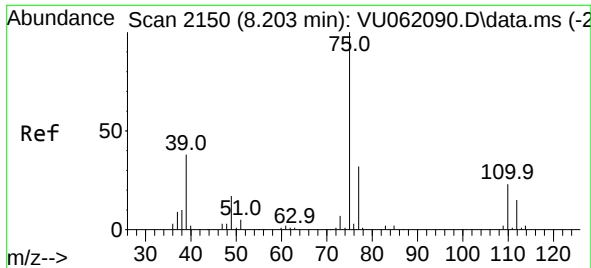
Tgt Ion: 43 Resp: 5861
Ion Ratio Lower Upper
43 100
58 40.8 35.7 53.5
100 16.1 14.6 21.8



#42
Toluene
Concen: 2.106 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 91 Resp: 10375
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.3

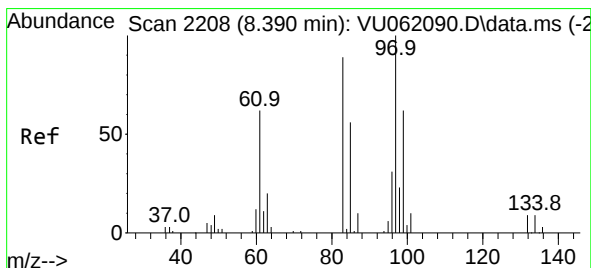
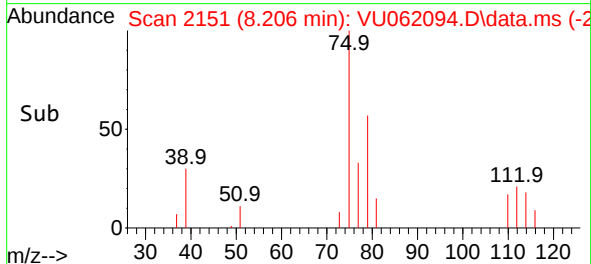
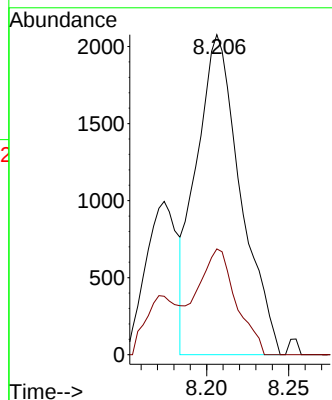
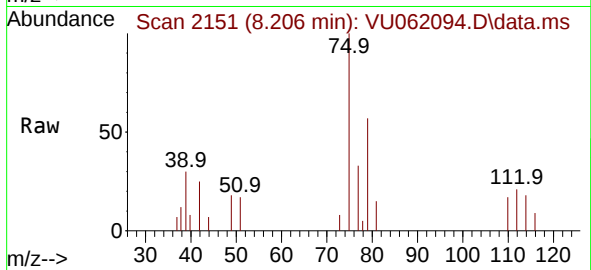




#44
trans-1,3-Dichloropropene
Concen: 2.140 ug/L
RT: 8.206 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

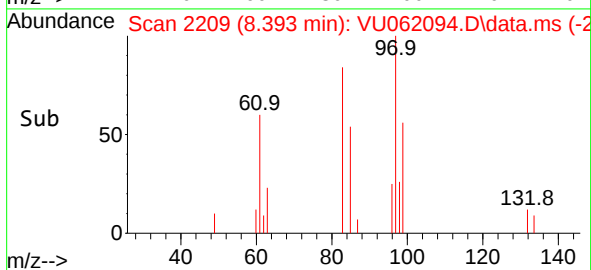
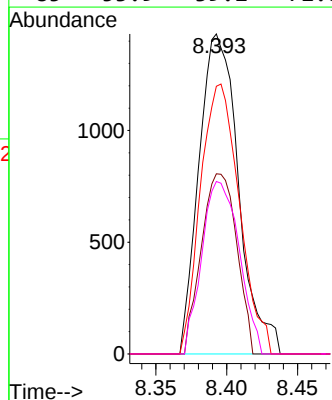
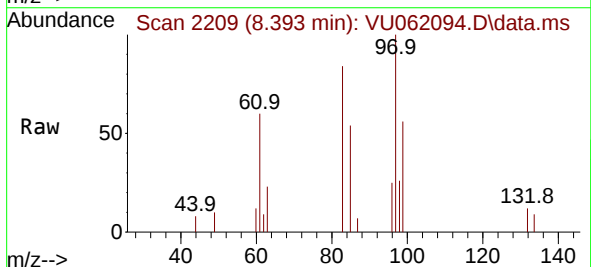
Instrument :
MSVOA_U
ClientSampleId :

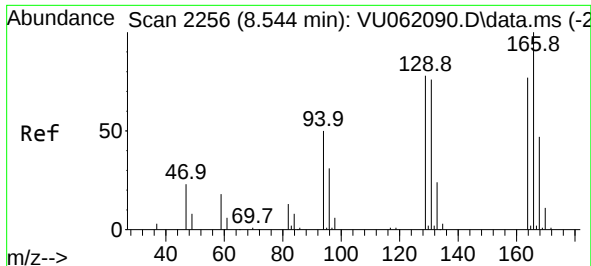
Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
77 33.1 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 2.300 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

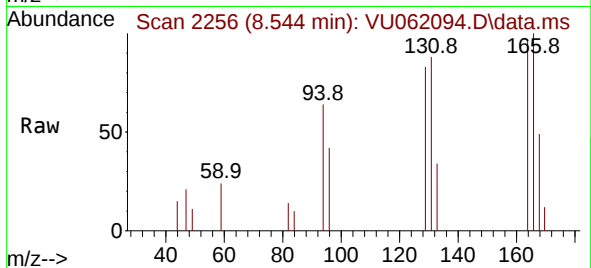
Tgt Ion: 97 Resp: 2783
Ion Ratio Lower Upper
97 100
99 56.3 43.5 80.7
83 83.7 60.8 113.0
85 53.9 39.2 72.8



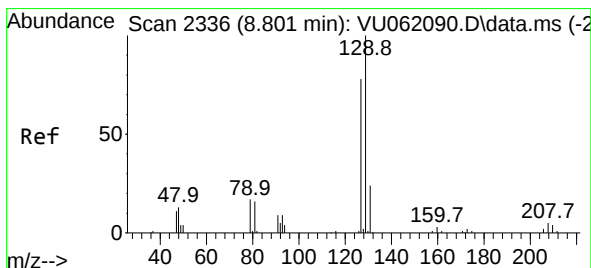
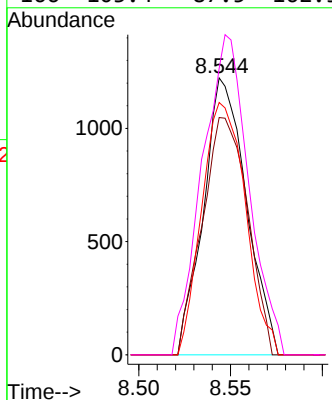


#46
Tetrachloroethene
Concen: 2.071 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

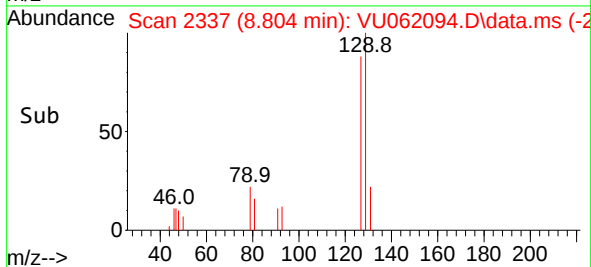
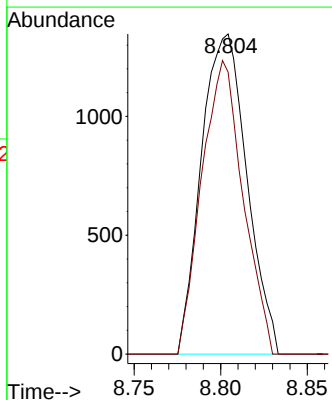
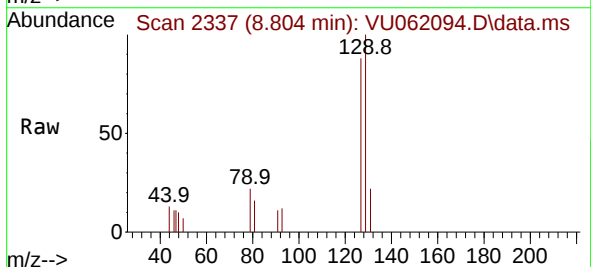


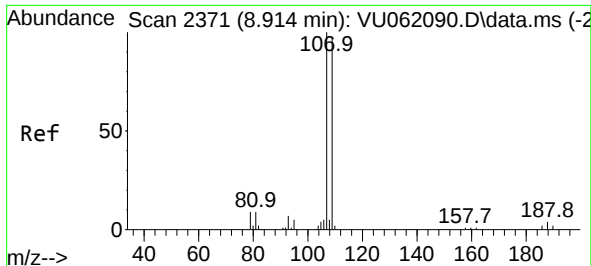
Tgt	Ion:164	Resp:	1980
Ion	Ratio	Lower	Upper
164	100		
129	85.7	70.4	130.8
131	91.1	67.8	125.8
166	103.4	87.5	162.5



#49
Dibromochloromethane
Concen: 1.949 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:129	Resp:	2464	
Ion	Ratio	Lower	Upper
129	100		
127	88.0	53.3	99.1





#50

1,2-Dibromoethane

Concen: 1.992 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.006 min

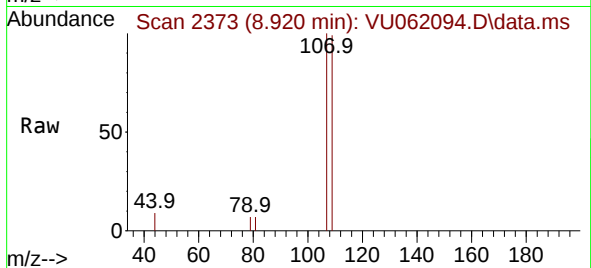
Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :



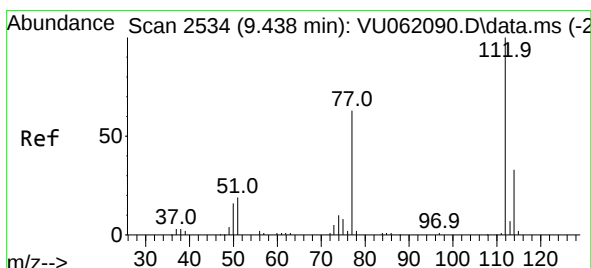
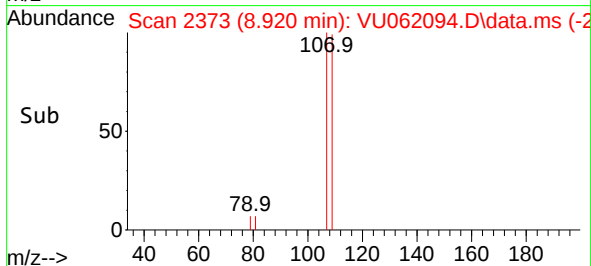
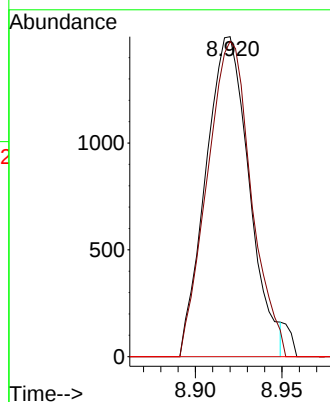
Tgt Ion:107 Resp: 2619

Ion Ratio Lower Upper

107 100

109 98.5 67.1 124.7

188 0.0 2.6 4.0#



#51

Chlorobenzene

Concen: 2.184 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

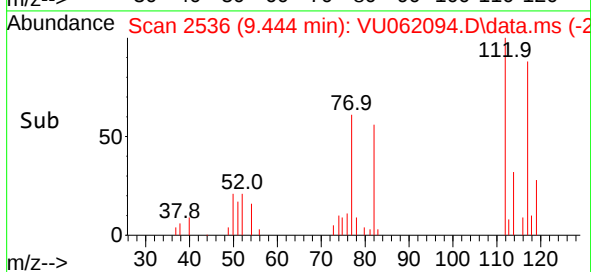
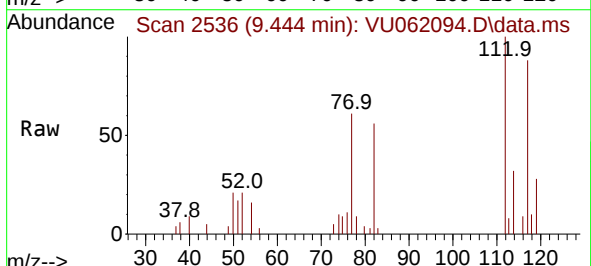
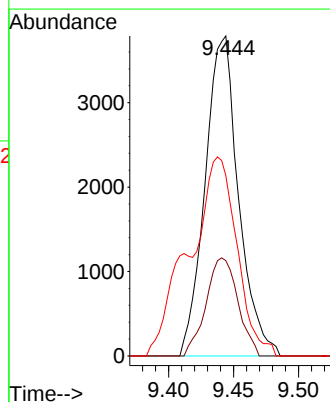
Tgt Ion:112 Resp: 6796

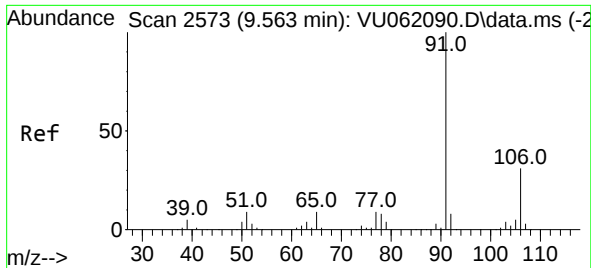
Ion Ratio Lower Upper

112 100

114 29.8 22.0 41.0

77 56.4 50.8 76.2

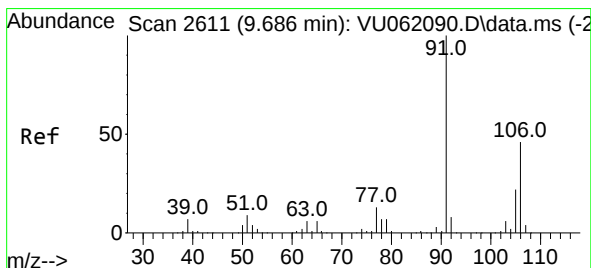
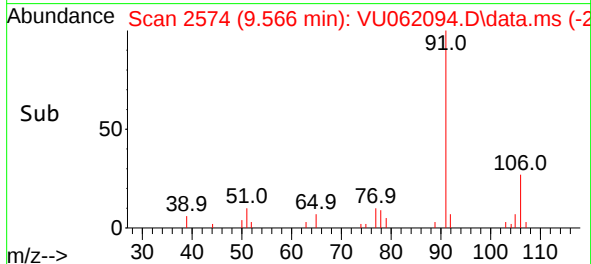
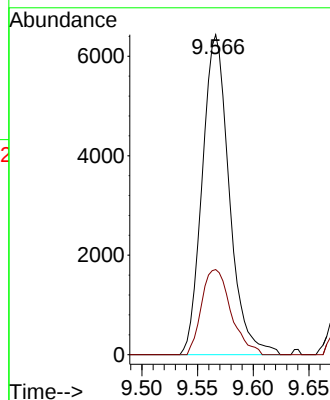
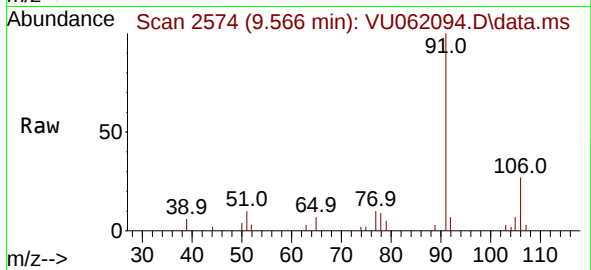




#52
Ethylbenzene
Concen: 2.006 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

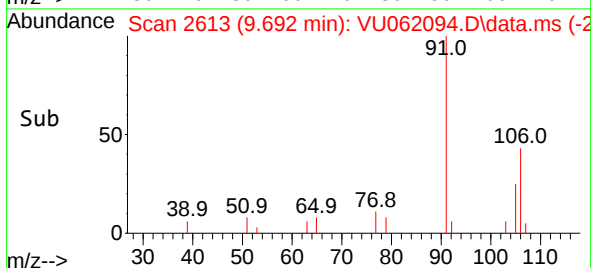
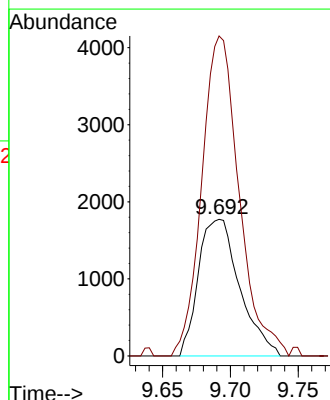
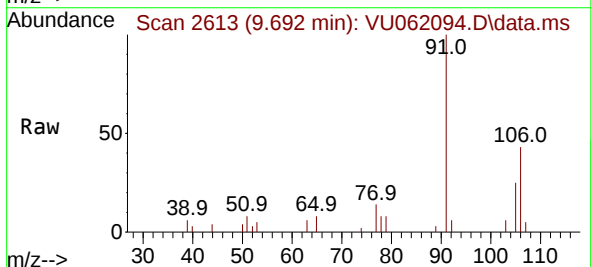
Instrument :
MSVOA_U
ClientSampleId :

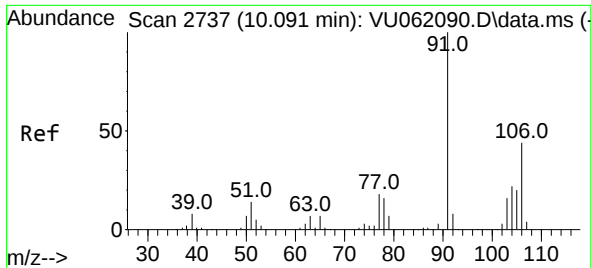
Tgt Ion: 91 Resp: 10855
Ion Ratio Lower Upper
91 100
106 26.6 20.8 38.6



#53
m,p-Xylene
Concen: 1.875 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:106 Resp: 3751
Ion Ratio Lower Upper
106 100
91 234.2 147.9 274.7

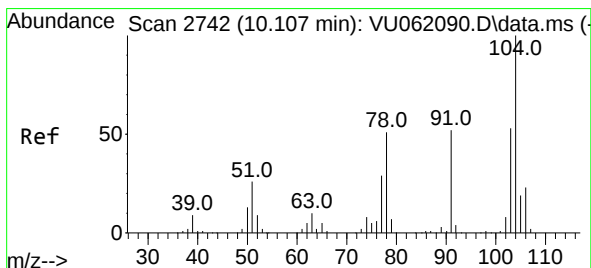
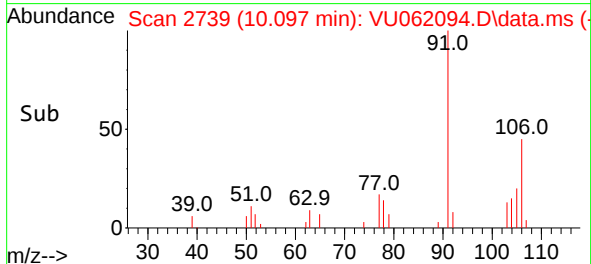
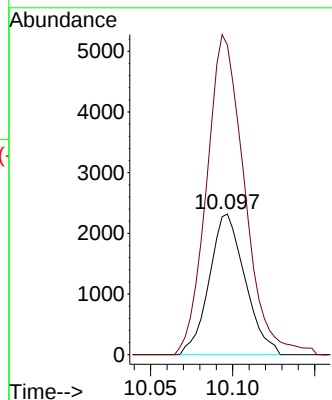
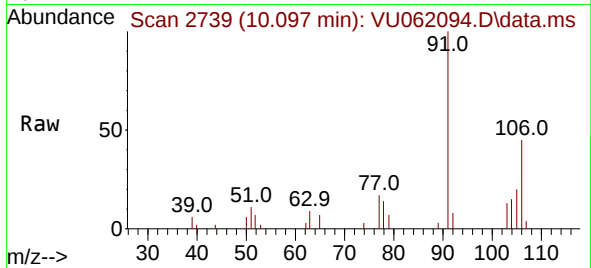




#54
o-Xylene
Concen: 1.796 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

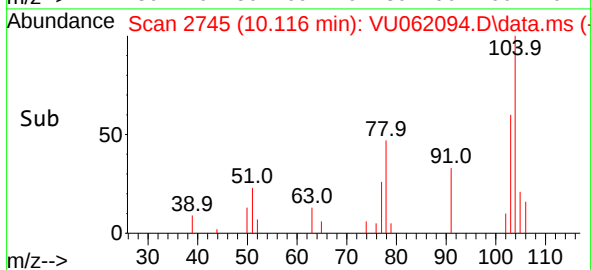
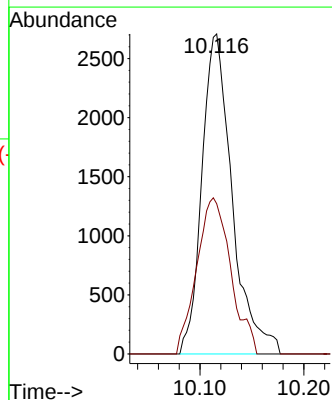
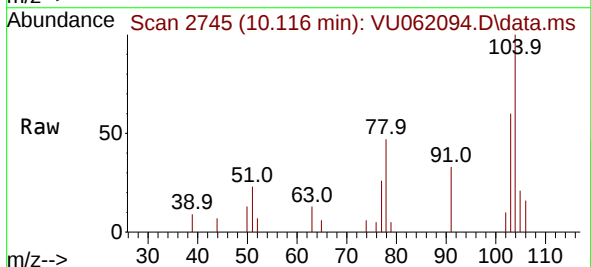
Instrument :
MSVOA_U
ClientSampleId :

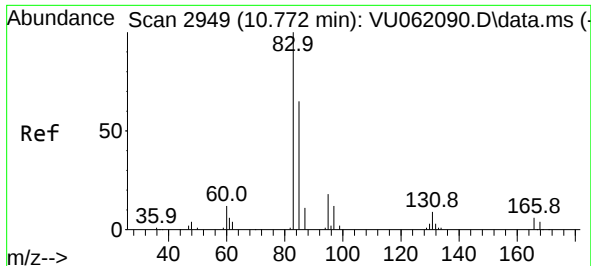
Tgt Ion:106 Resp: 3515
Ion Ratio Lower Upper
106 100
91 202.0 161.0 299.0



#55
Styrene
Concen: 1.666 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:104 Resp: 5487
Ion Ratio Lower Upper
104 100
78 46.9 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.002 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

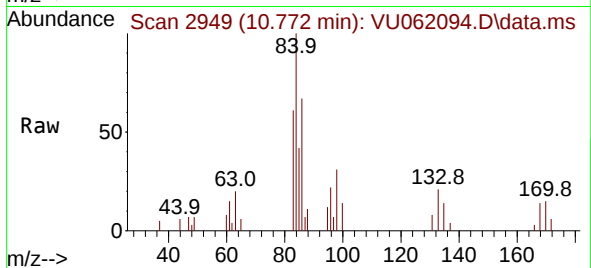
Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

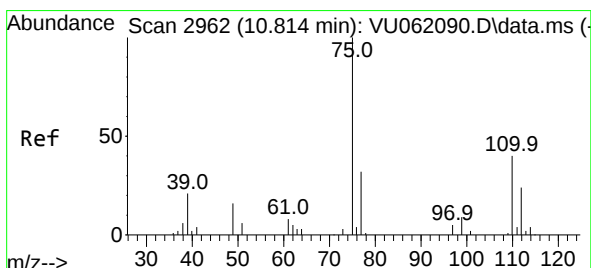
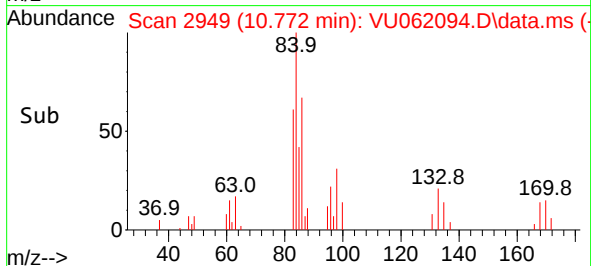
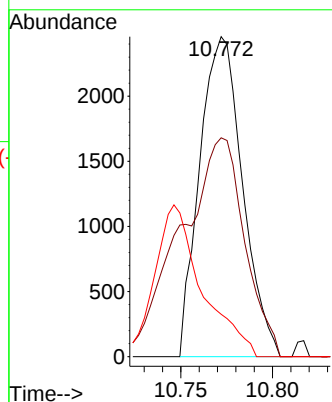
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	3998
Ion	Ratio	Lower	Upper
83	100		
85	68.4	46.5	86.3
131	13.2	8.4	12.6



#60

1,2,3-Trichloropropane

Concen: 2.098 ug/L

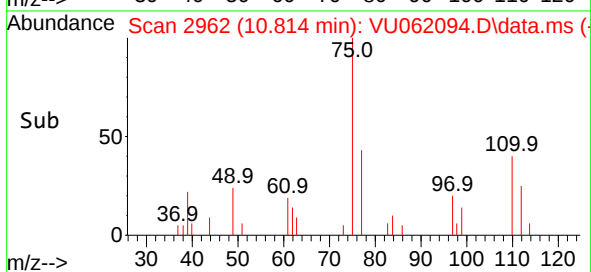
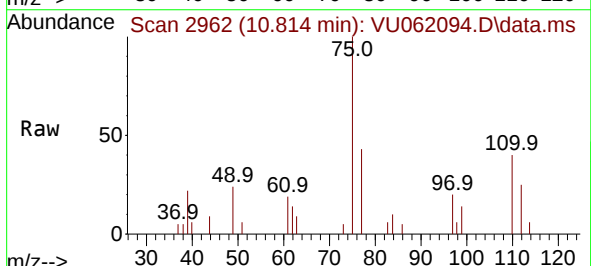
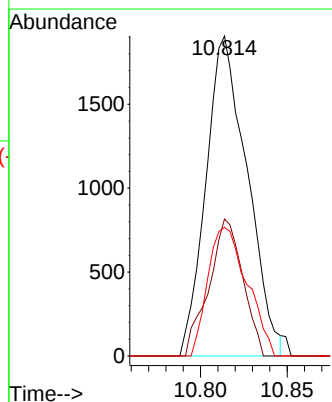
RT: 10.814 min Scan# 2962

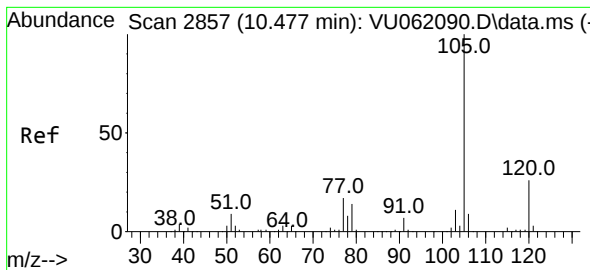
Delta R.T. -0.000 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Tgt Ion:	75	Resp:	3158
Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.2	39.4
110	38.2	30.7	46.1





#61

Isopropylbenzene

Concen: 1.823 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU062094.D

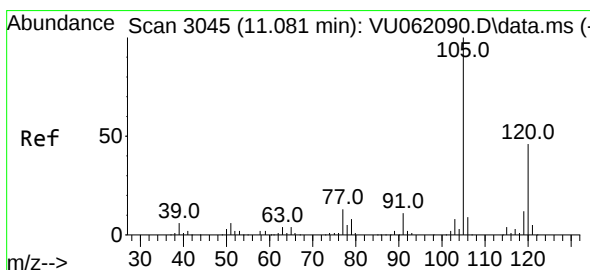
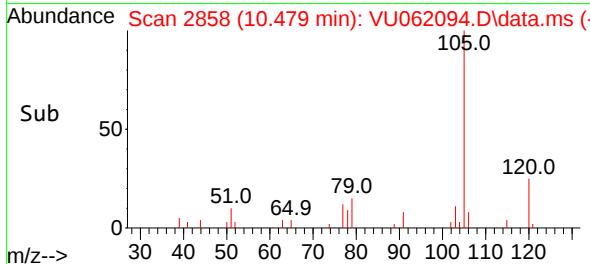
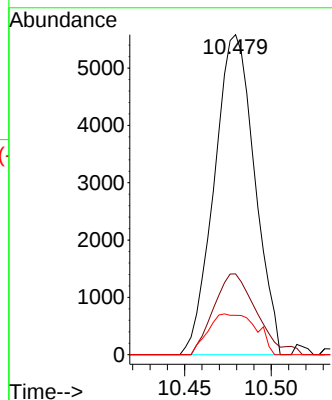
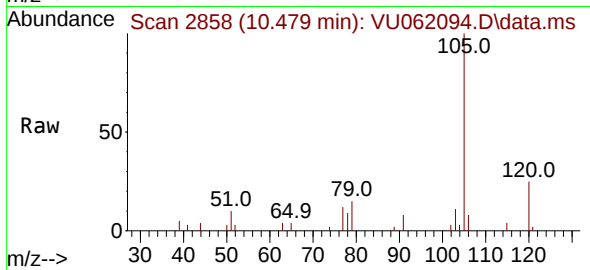
Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	9042
Ion Ratio	Lower	Upper
105	100	
120	26.0	20.0 30.0
77	7.5	13.1 19.7#



#62

1,3,5-Trimethylbenzene

Concen: 1.789 ug/L

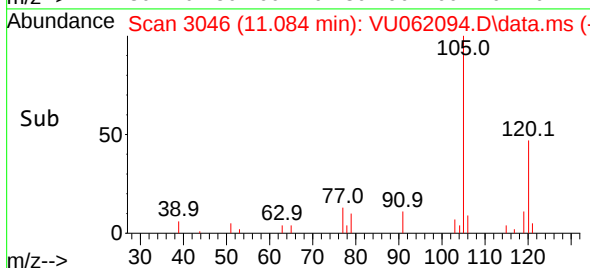
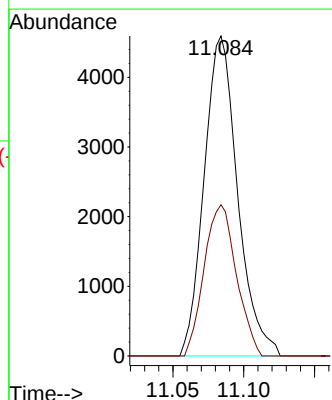
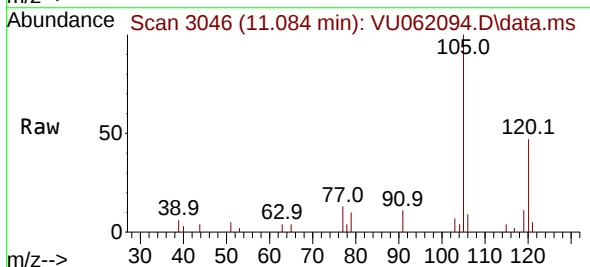
RT: 11.084 min Scan# 3046

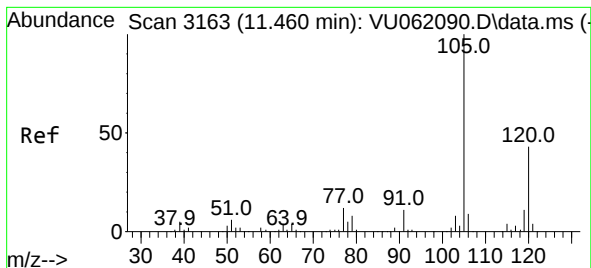
Delta R.T. 0.003 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Tgt Ion:105	Resp:	7557
Ion Ratio	Lower	Upper
105	100	
120	45.4	37.0 55.6





#63

1,2,4-Trimethylbenzene

Concen: 1.792 ug/L

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

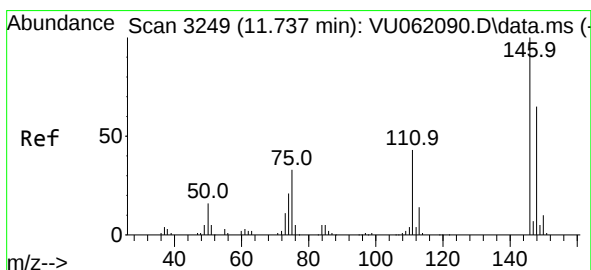
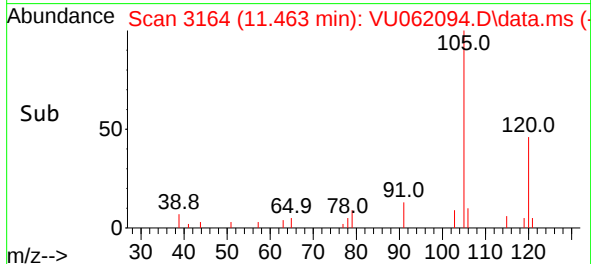
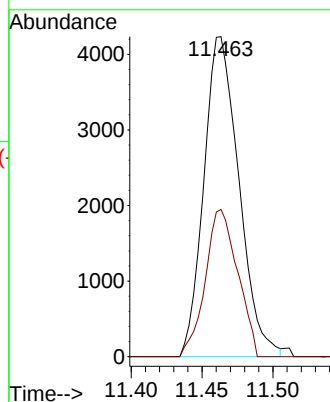
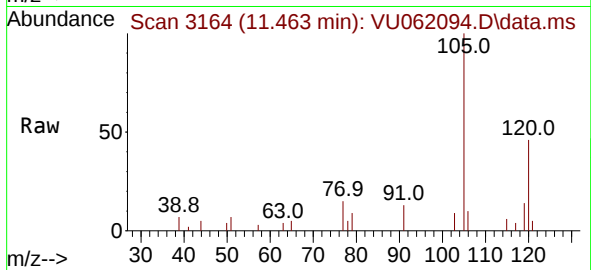
ClientSampleId :

Tgt Ion:105 Resp: 7285

Ion Ratio Lower Upper

105 100

120 42.4 33.8 50.8



#64

1,3-Dichlorobenzene

Concen: 2.034 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

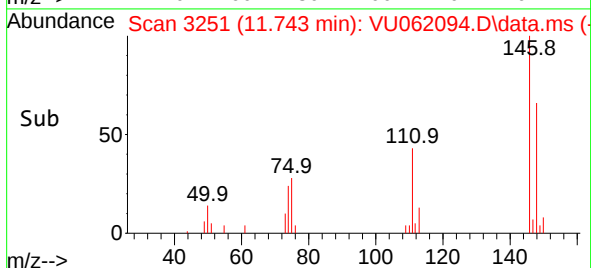
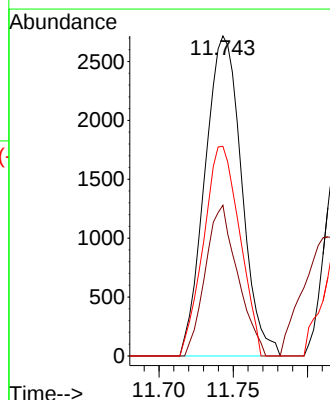
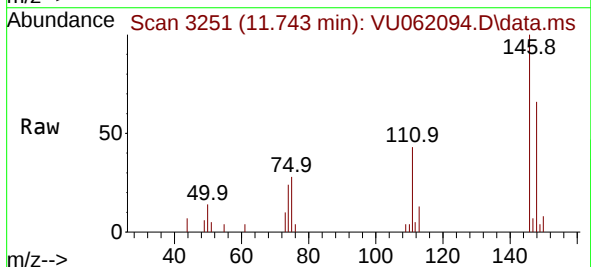
Tgt Ion:146 Resp: 4662

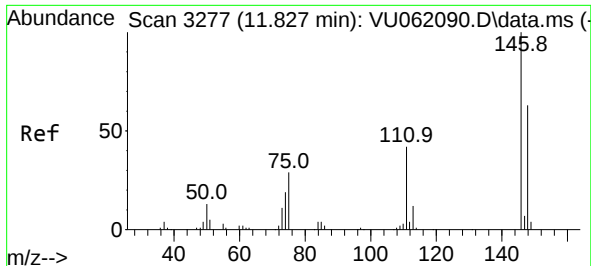
Ion Ratio Lower Upper

146 100

111 44.0 29.8 55.4

148 61.3 44.4 82.5

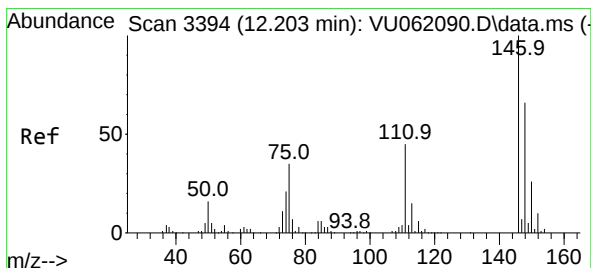
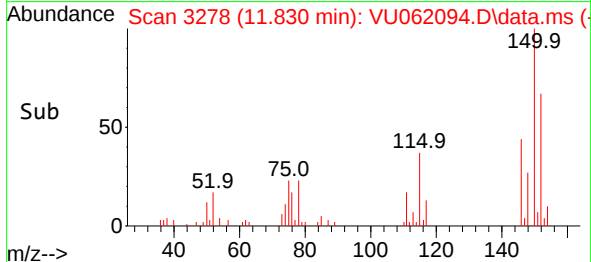
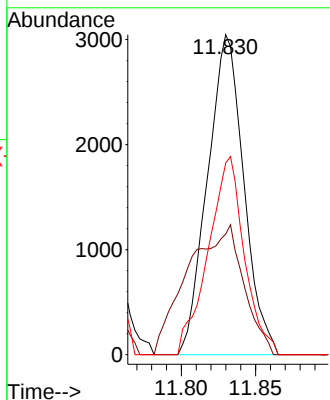
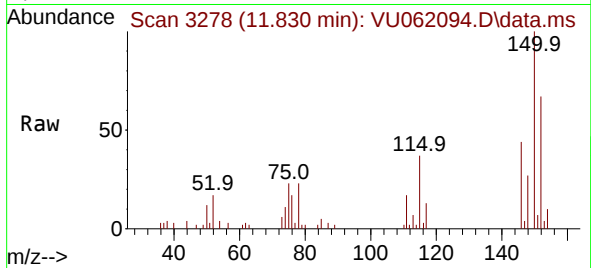




#65
1,4-Dichlorobenzene
Concen: 2.223 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

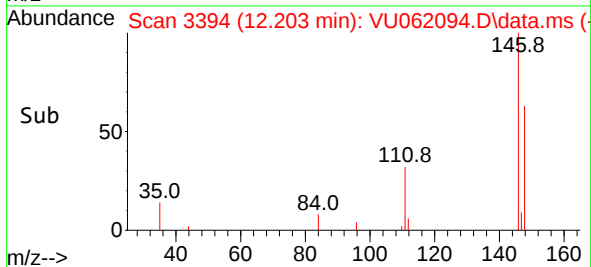
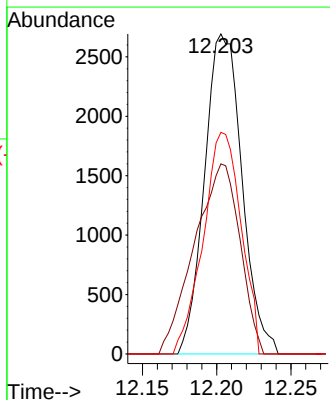
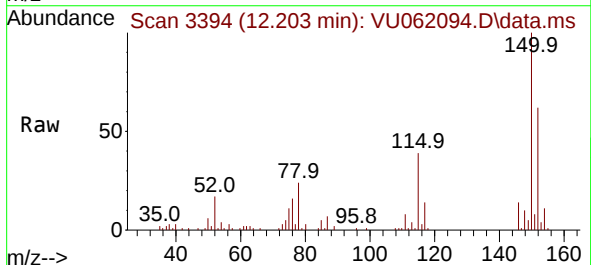
Instrument :
MSVOA_U
ClientSampleId :

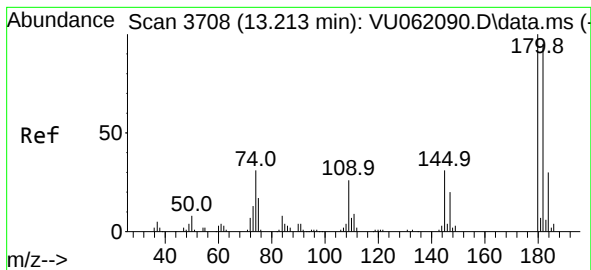
Tgt Ion:146 Resp: 5172
Ion Ratio Lower Upper
146 100
111 42.1 29.4 54.6
148 59.9 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 2.088 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:146 Resp: 4728
Ion Ratio Lower Upper
146 100
111 59.9 36.1 54.1#
148 64.1 49.8 74.6





#69

1,3,5-Trichlorobenzene

Concen: 1.495 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

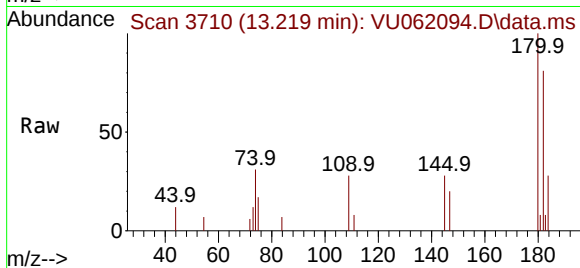
Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2413

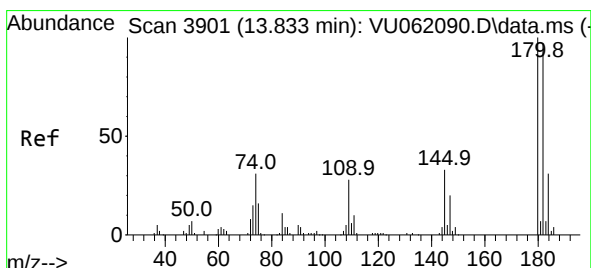
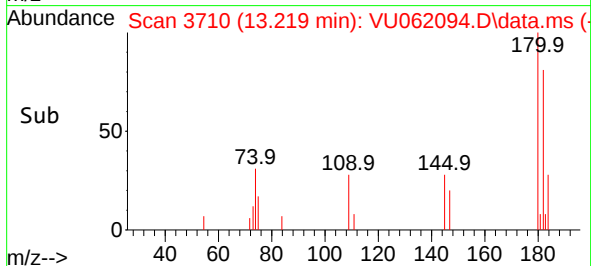
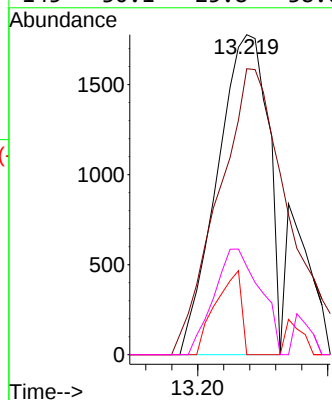
Ion Ratio Lower Upper

180 100

182 123.7 74.6 112.0#

184 13.3 24.2 36.2#

145 30.1 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 2.100 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Tgt Ion:180 Resp: 2893

Ion Ratio Lower Upper

180 100

182 37.0 76.6 114.8#

145 30.1 27.1 40.7

