

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062095.D
 Acq On : 05 Dec 2024 12:54
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 00:45:53 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	6.242	114	174144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	164878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54955	45.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.100%
7) Chloroethane-d5	1.907	69	41079	47.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	2.563	63	109620	47.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.840%
21) 2-Butanone-d5	4.615	46	82561	100.694	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.690%
24) Chloroform-d	5.052	84	122124	48.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
26) 1,2-Dichloroethane-d4	5.692	65	79937	49.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
32) Benzene-d6	5.718	84	227582	48.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
36) 1,2-Dichloropropane-d6	6.682	67	71083	47.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.891	98	218611	50.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.180%
43) trans-1,3-Dichloroprop...	8.174	79	38390	51.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
47) 2-Hexanone-d5	8.624	63	54613	97.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.850%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	106088	49.201	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	84044	48.946	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	85130	51.197	ug/L	100
3) Chloromethane	1.518	50	67202	49.045	ug/L	99
5) Vinyl chloride	1.599	62	68545	48.505	ug/L	99
6) Bromomethane	1.850	94	42159	54.315	ug/L	99
8) Chloroethane	1.927	64	39746	48.826	ug/L	95
9) Trichlorofluoromethane	2.133	101	109603	50.732	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62024	51.205	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55073	49.988	ug/L	96
13) Acetone	2.621	43	94622	96.370	ug/L	96
14) Carbon disulfide	2.788	76	162875	49.144	ug/L	99
15) Methyl Acetate	2.943	43	59062	48.774	ug/L	98
16) Methylene chloride	3.036	84	63201	50.315	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	56545	49.925	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	189650	49.683	ug/L	99
19) 1,1-Dichloroethane	3.859	63	107500	49.532	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	64709	50.159	ug/L	95
22) 2-Butanone	4.695	43	101231	95.592	ug/L	99
23) Bromochloromethane	4.965	128	33831	50.423	ug/L	98
25) Chloroform	5.078	83	119024	50.533	ug/L	99

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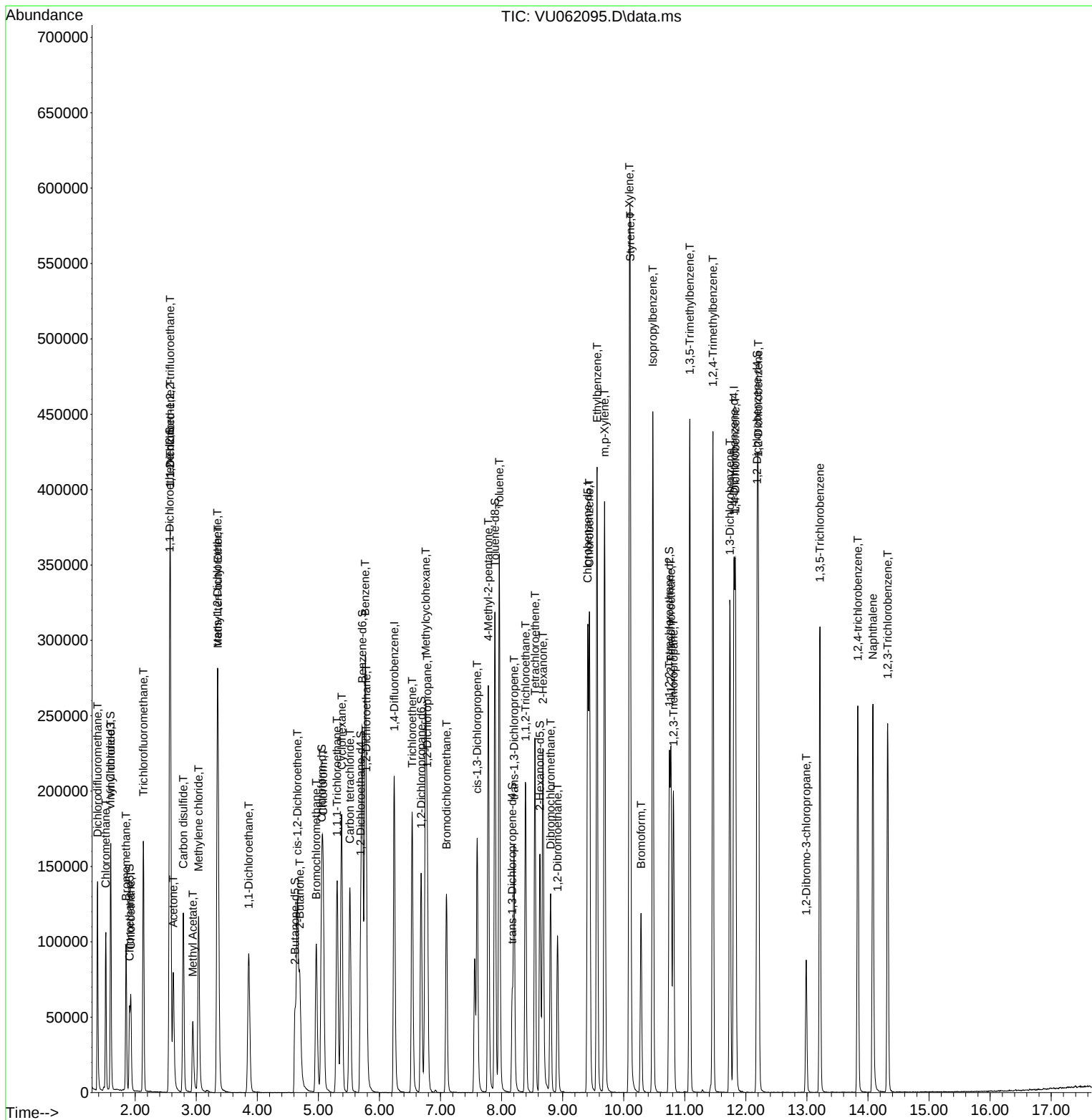
Instrument :
 MSVOA_U
 ClientSampleId :

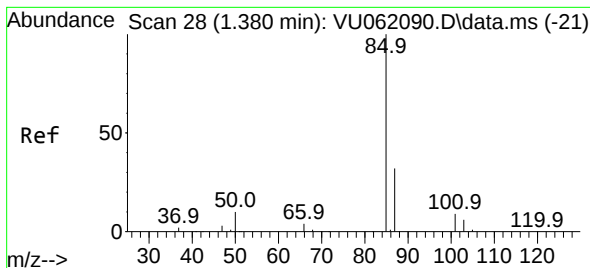
Quant Time: Dec 06 00:45:53 2024
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	96559	51.327	ug/L	98
29) Cyclohexane	5.380	56	94251	50.041	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	109079	51.144	ug/L	97
31) Carbon tetrachloride	5.515	117	97269	51.034	ug/L	100
33) Benzene	5.766	78	244623	49.861	ug/L	100
34) Trichloroethene	6.534	95	67757	50.578	ug/L	95
35) Methylcyclohexane	6.756	83	102172	50.310	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65061	50.116	ug/L	99
38) Bromodichloromethane	7.097	83	89896	51.394	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	104182	49.698	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161164	99.378	ug/L	99
42) Toluene	7.962	91	265952	50.707	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	99517	51.338	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	65998	51.226	ug/L	98
46) Tetrachloroethene	8.547	164	51629	50.718	ug/L	98
48) 2-Hexanone	8.676	43	136281	99.685	ug/L	97
49) Dibromochloromethane	8.801	129	69629	51.721	ug/L	98
50) 1,2-Dibromoethane	8.914	107	71327	50.964	ug/L	97
51) Chlorobenzene	9.438	112	164964	49.789	ug/L	99
52) Ethylbenzene	9.563	91	293826	50.996	ug/L	99
53) m,p-Xylene	9.685	106	111582	52.373	ug/L	98
54) o-Xylene	10.094	106	107540	51.595	ug/L	97
55) Styrene	10.107	104	182841	52.138	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	104471	49.134	ug/L	98
59) Bromoform	10.283	173	55205	50.171	ug/L #	99
60) 1,2,3-Trichloropropane	10.814	75	85273	47.809	ug/L	100
61) Isopropylbenzene	10.476	105	292754	49.817	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	247702	49.508	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	243357	50.514	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	131646	48.478	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	134052	48.636	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	130697	48.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	24825	49.386	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	93593	48.956	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	77953	47.758	ug/L	100
71) Naphthalene	14.081	128	216391	48.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	75917	48.182	ug/L	100

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

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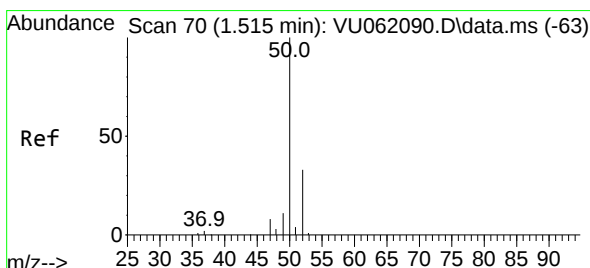
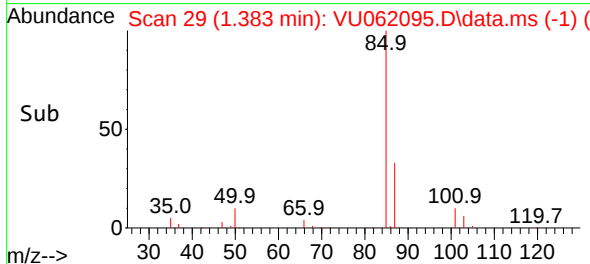
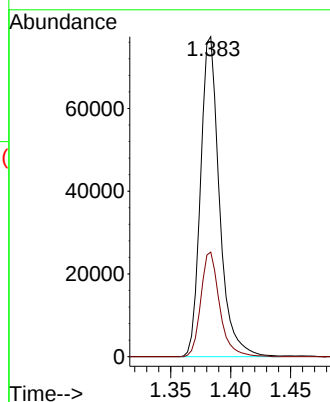
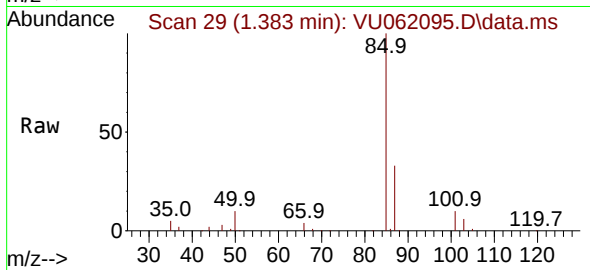




#2
 Dichlorodifluoromethane
 Concen: 51.197 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU062095.D
 Acq: 05 Dec 2024 12:54

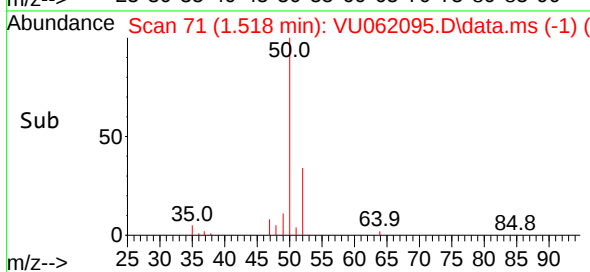
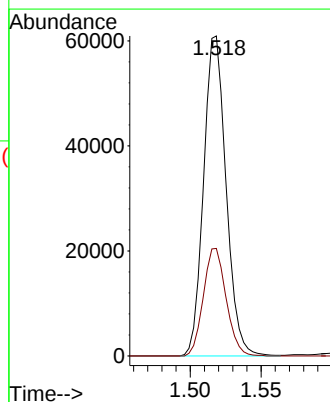
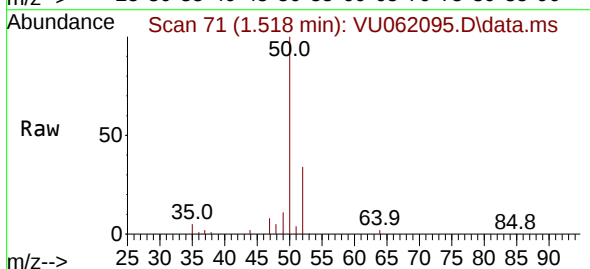
Instrument :
 MSVOA_U
 ClientSampleId :

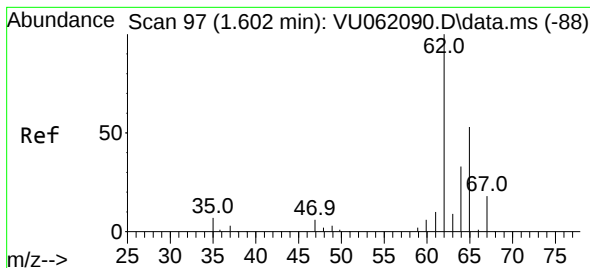
Tgt Ion: 85 Resp: 85130
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 49.045 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062095.D
 Acq: 05 Dec 2024 12:54

Tgt Ion: 50 Resp: 67202
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.3 43.3





#5

Vinyl chloride

Concen: 48.505 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

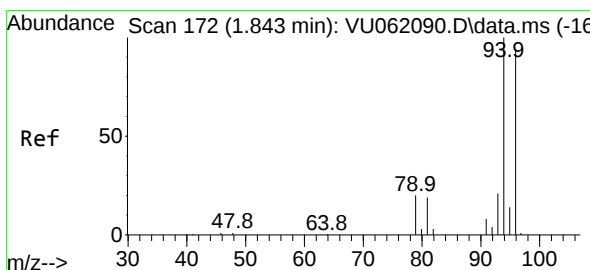
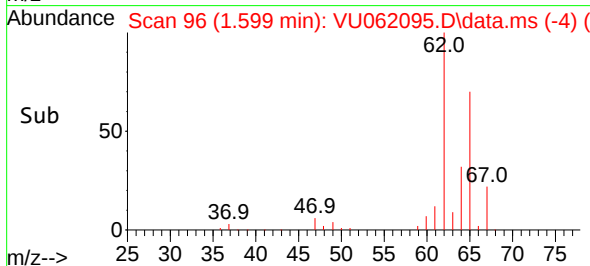
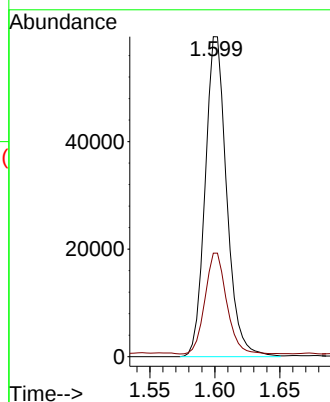
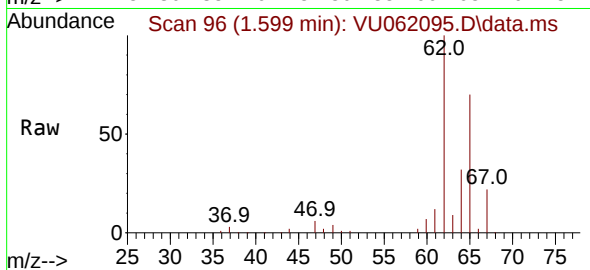
ClientSampleId :

Tgt Ion: 62 Resp: 68545

Ion Ratio Lower Upper

62 100

64 32.4 23.0 42.8



#6

Bromomethane

Concen: 54.315 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.006 min

Lab File: VU062095.D

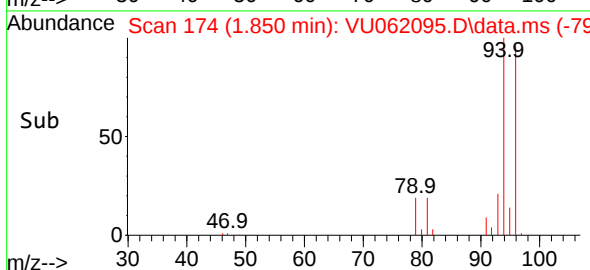
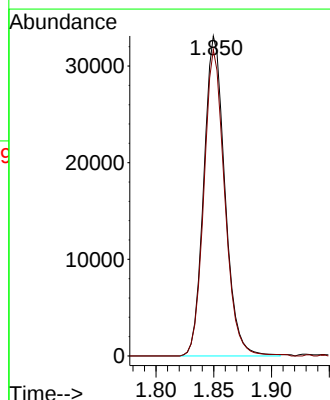
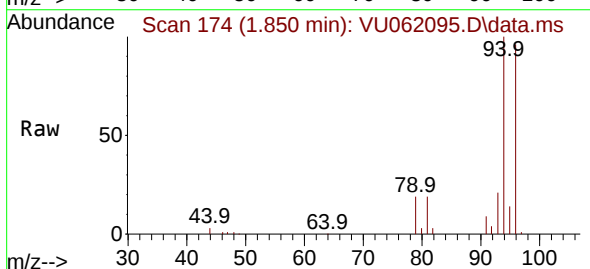
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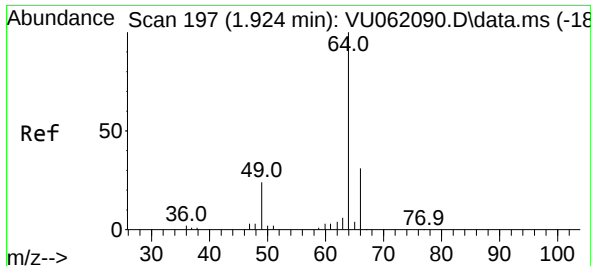
Tgt Ion: 94 Resp: 42159

Ion Ratio Lower Upper

94 100

96 95.7 66.0 122.6

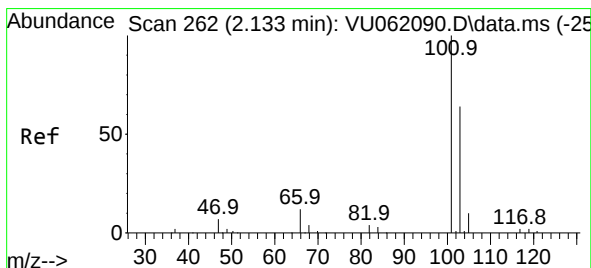
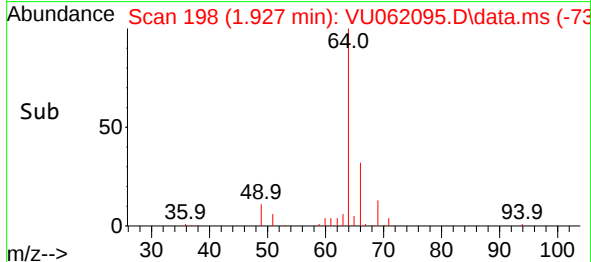
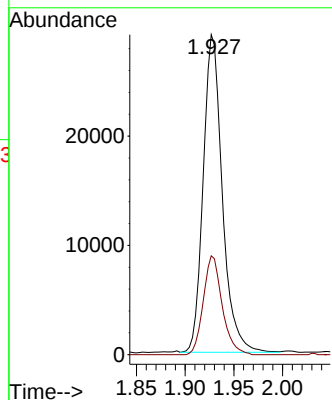
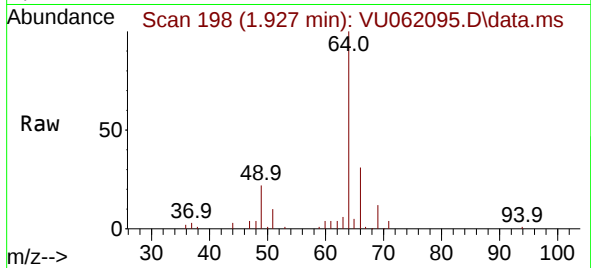




#8
Chloroethane
Concen: 48.826 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

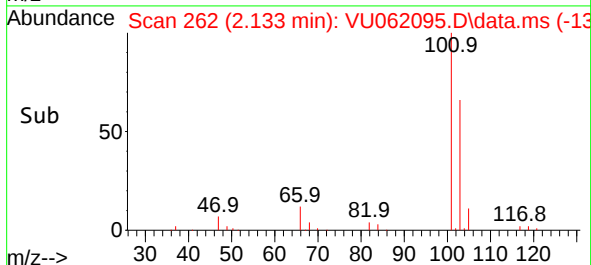
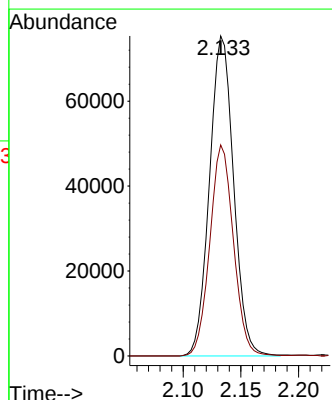
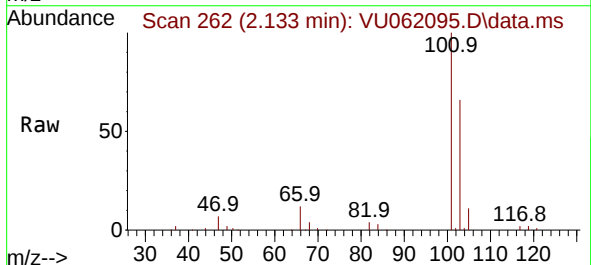
Instrument :
MSVOA_U
ClientSampleId :

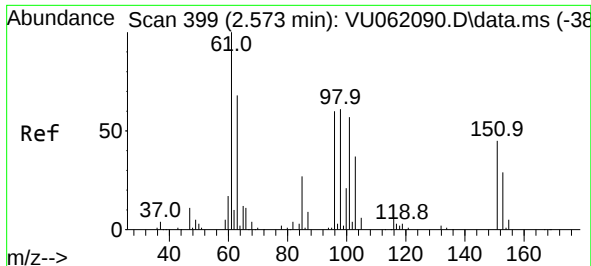
Tgt Ion: 64 Resp: 39746
Ion Ratio Lower Upper
64 100
66 30.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 50.732 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion:101 Resp: 109603
Ion Ratio Lower Upper
101 100
103 64.5 52.9 79.3

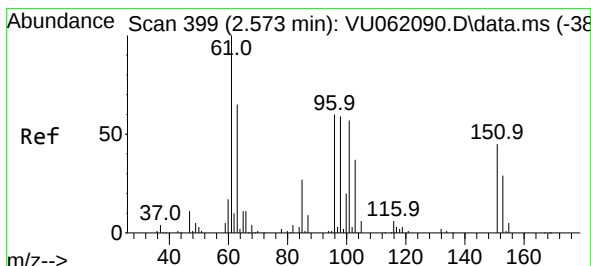
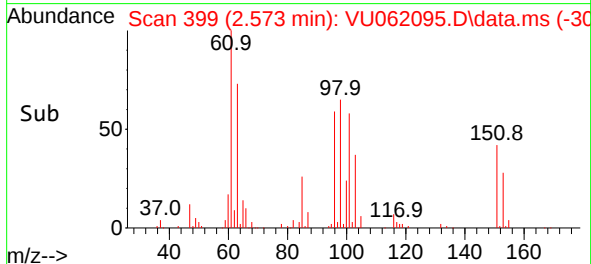
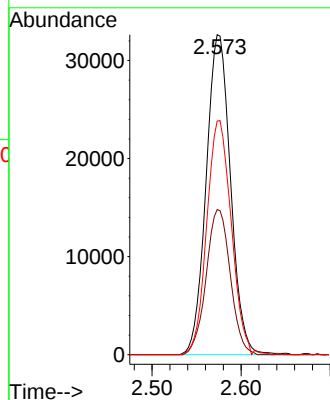
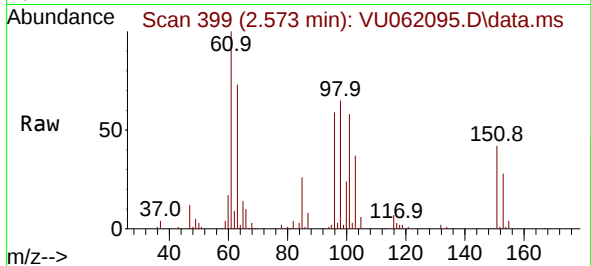




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.205 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062095.D
 Acq: 05 Dec 2024 12:54

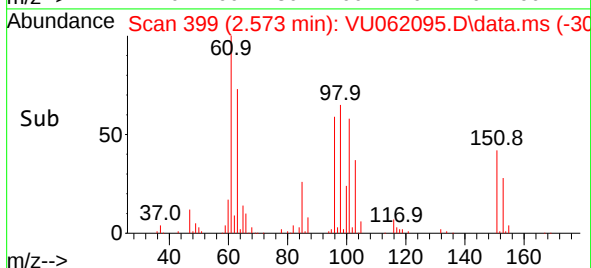
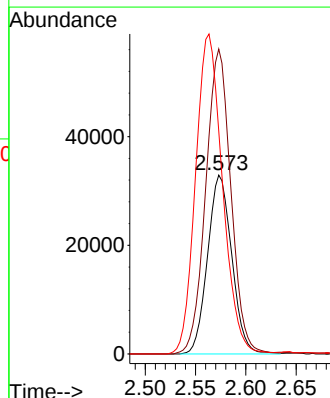
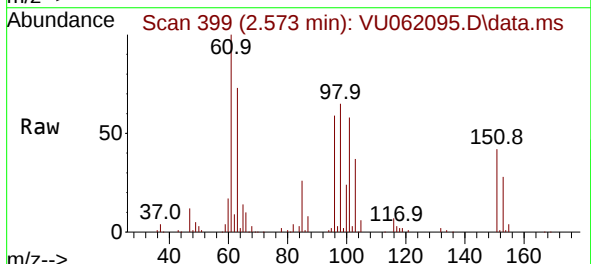
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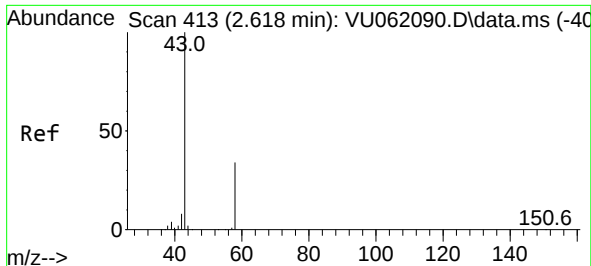
Tgt Ion:101 Resp: 62024
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.7 52.1
 151 73.1 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 49.988 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062095.D
 Acq: 05 Dec 2024 12:54

Tgt Ion: 96 Resp: 55073
 Ion Ratio Lower Upper
 96 100
 61 170.4 115.2 214.0
 63 124.5 89.3 165.9





#13

Acetone

Concen: 96.370 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

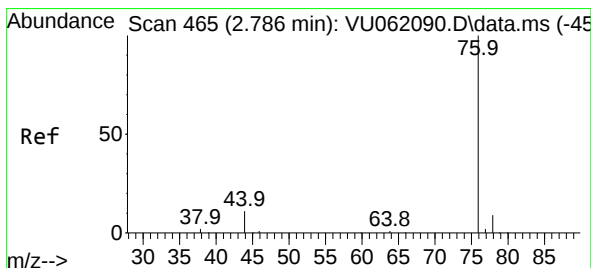
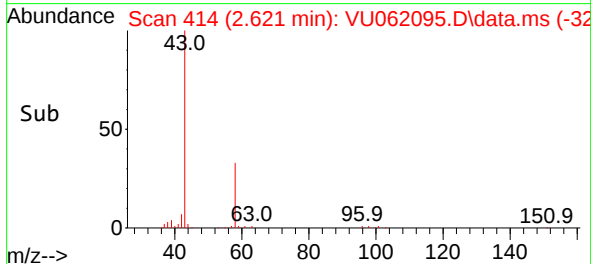
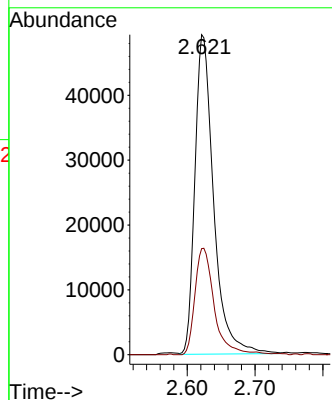
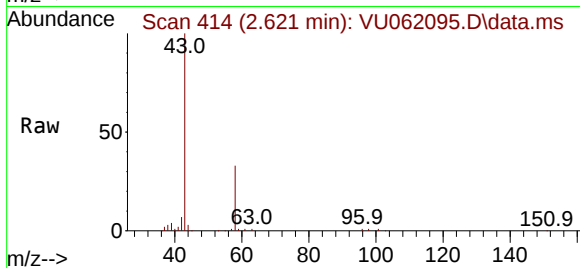
ClientSampleId :

Tgt Ion: 43 Resp: 94622

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.4



#14

Carbon disulfide

Concen: 49.144 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062095.D

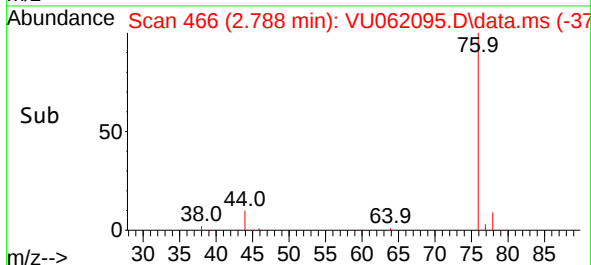
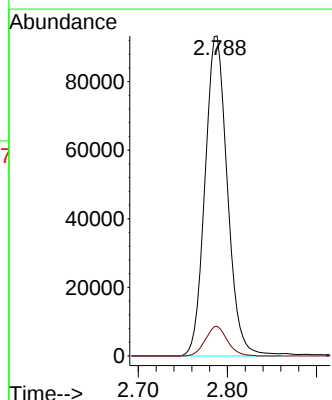
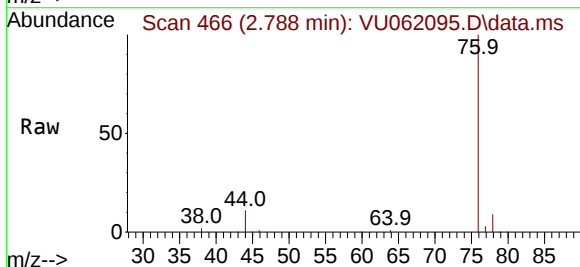
Acq: 05 Dec 2024 12:54

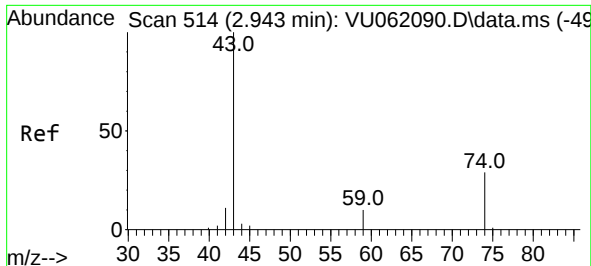
Tgt Ion: 76 Resp: 162875

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6

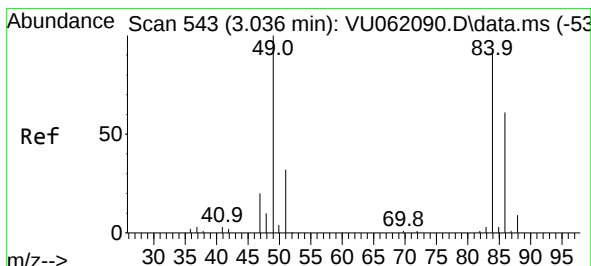
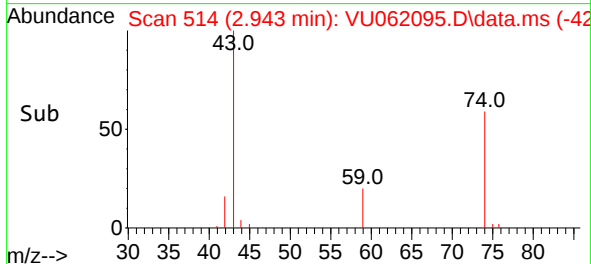
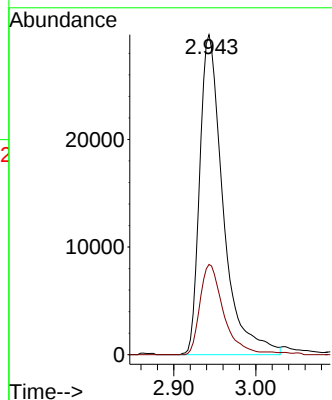
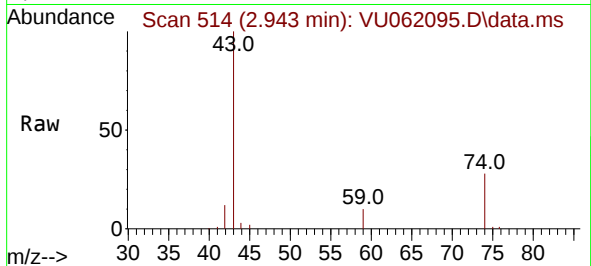




#15
Methyl Acetate
Concen: 48.774 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

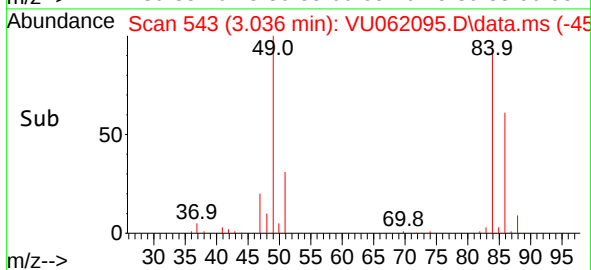
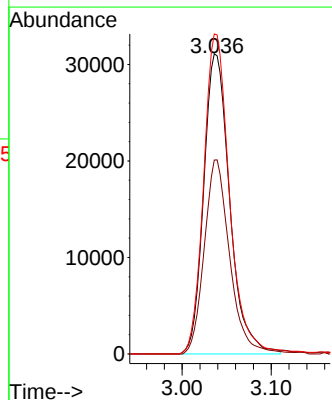
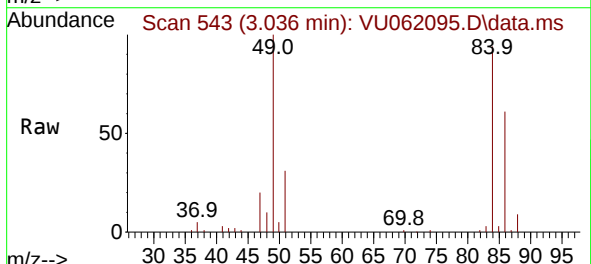
Instrument :
MSVOA_U
ClientSampleId :

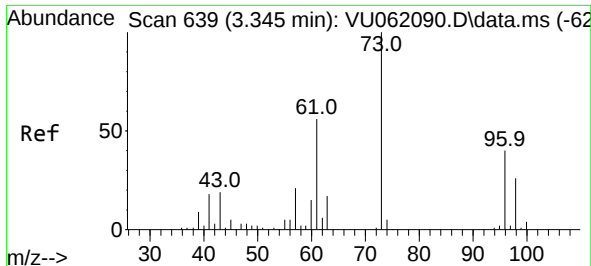
Tgt Ion: 43 Resp: 59062
Ion Ratio Lower Upper
43 100
74 28.1 23.4 35.2



#16
Methylene chloride
Concen: 50.315 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 84 Resp: 63201
Ion Ratio Lower Upper
84 100
86 64.6 44.4 82.4
49 106.6 75.9 141.1

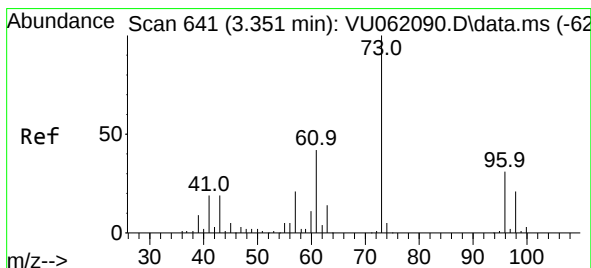
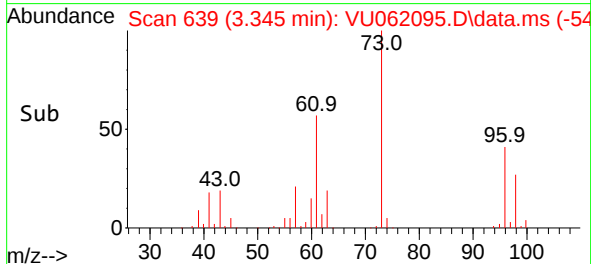
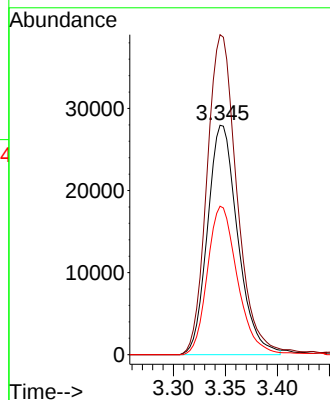
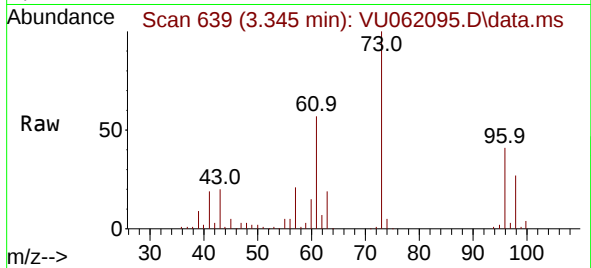




#17
trans-1,2-Dichloroethene
Concen: 49.925 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

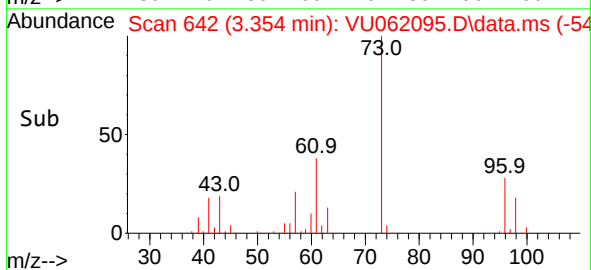
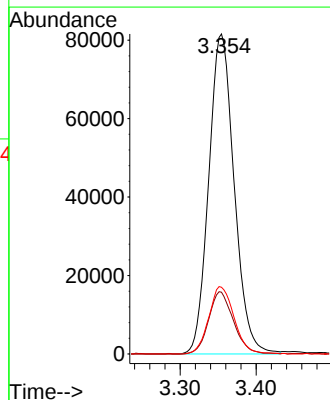
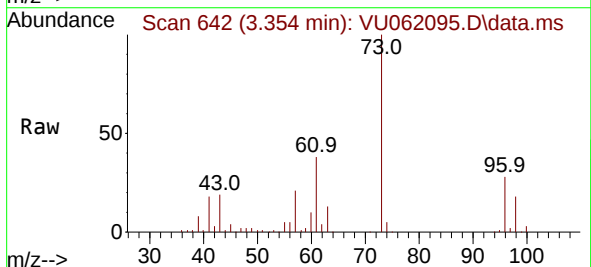
Instrument :
MSVOA_U
ClientSampleId :

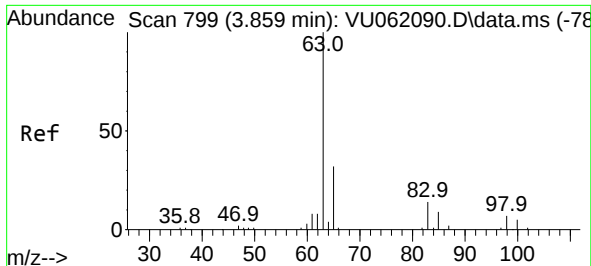
Tgt Ion: 96 Resp: 56545
Ion Ratio Lower Upper
96 100
61 139.5 96.2 178.6
98 64.7 42.7 79.3



#18
Methyl tert-butyl Ether
Concen: 49.683 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

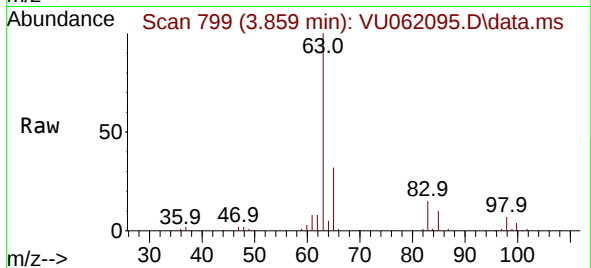
Tgt Ion: 73 Resp: 189650
Ion Ratio Lower Upper
73 100
43 18.9 14.7 22.1
57 20.9 16.4 24.6



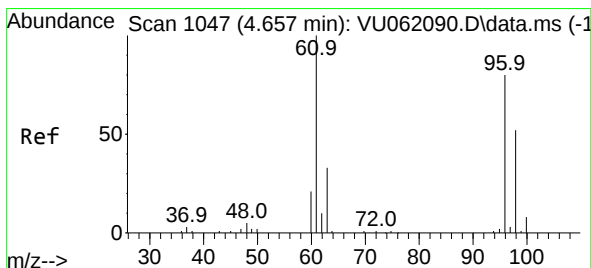
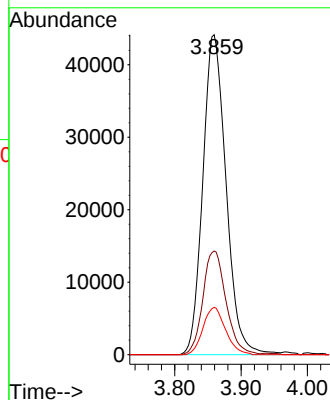
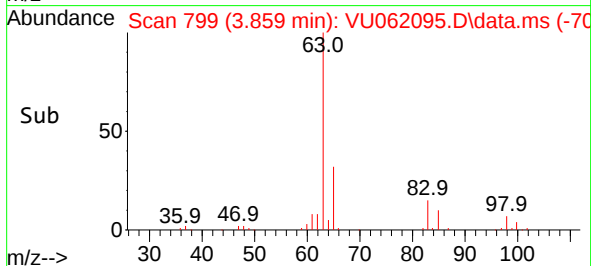


#19
1,1-Dichloroethane
Concen: 49.532 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

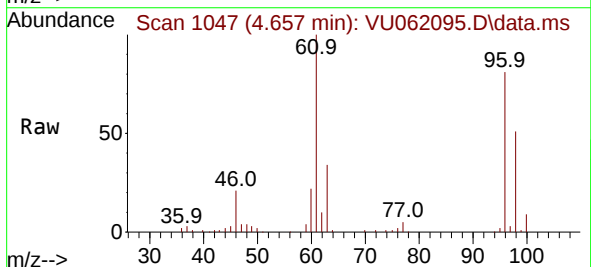
Instrument :
MSVOA_U
ClientSampleId :



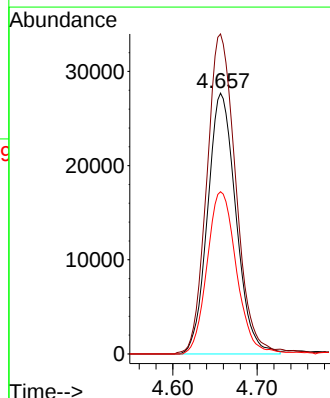
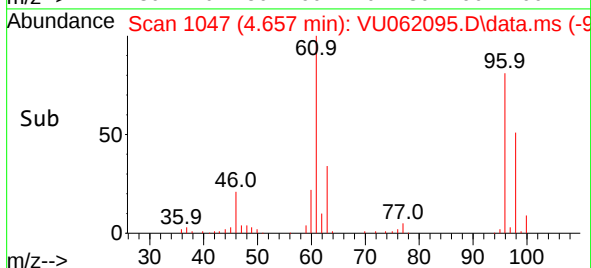
Tgt Ion: 63 Resp: 107500
Ion Ratio Lower Upper
63 100
65 32.4 21.7 40.3
83 14.8 10.0 18.6

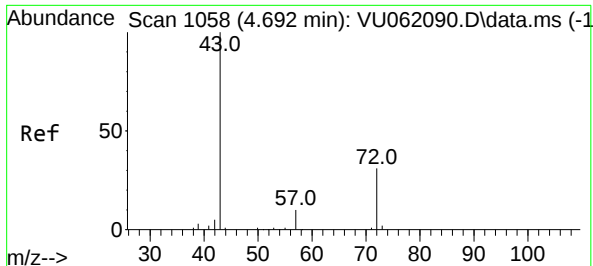


#20
cis-1,2-Dichloroethene
Concen: 50.159 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54



Tgt Ion: 96 Resp: 64709
Ion Ratio Lower Upper
96 100
61 122.7 90.1 167.3
98 62.2 45.3 84.1

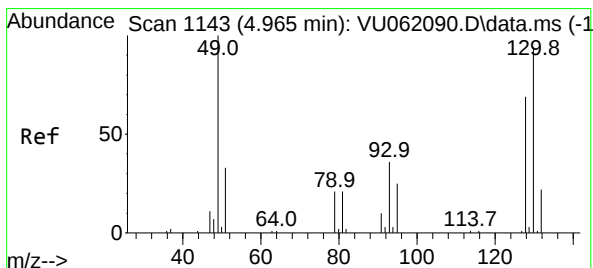
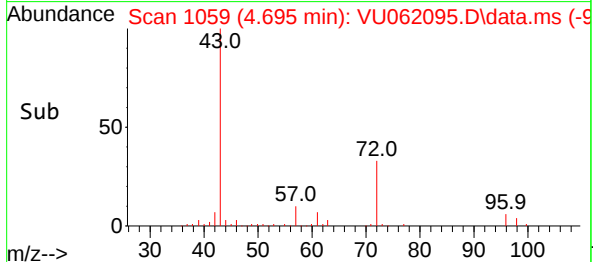
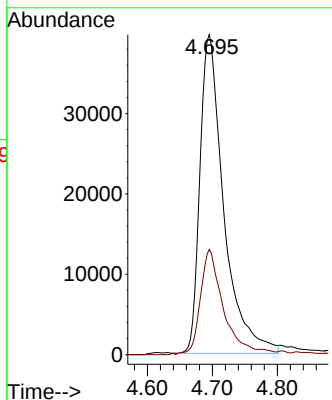
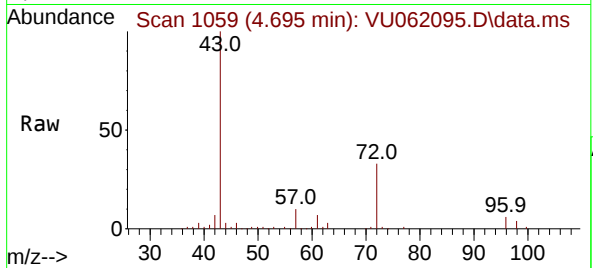




#22
2-Butanone
Concen: 95.592 ug/L
RT: 4.695 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

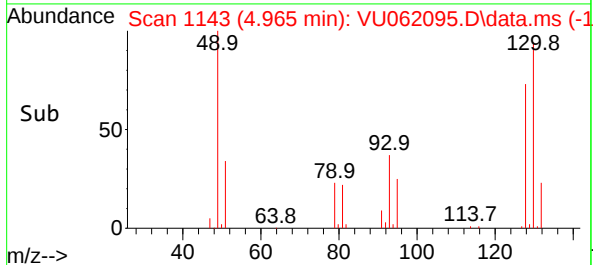
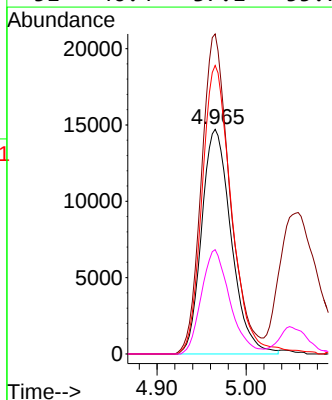
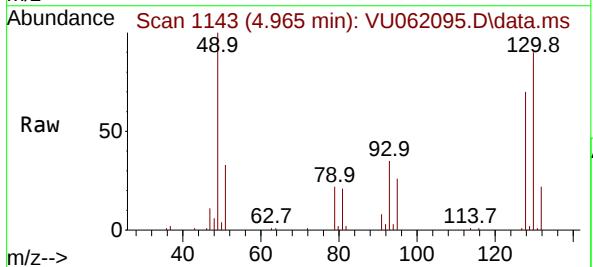
Instrument :
MSVOA_U
ClientSampleId :

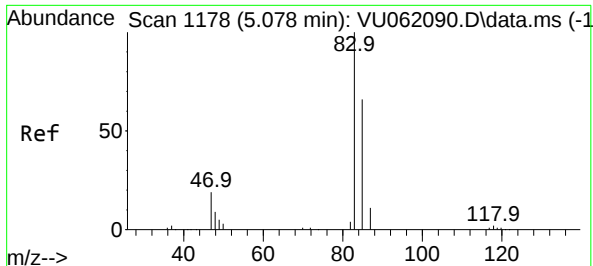
Tgt Ion: 43 Resp: 101231
Ion Ratio Lower Upper
43 100
72 31.3 15.9 47.7



#23
Bromochloromethane
Concen: 50.423 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 128 Resp: 33831
Ion Ratio Lower Upper
128 100
49 142.4 100.7 187.1
130 128.4 92.4 171.6
51 46.4 37.1 55.7





#25

Chloroform

Concen: 50.533 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

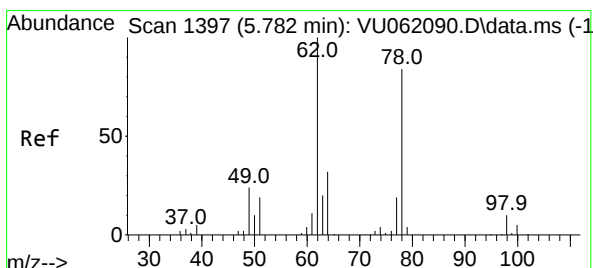
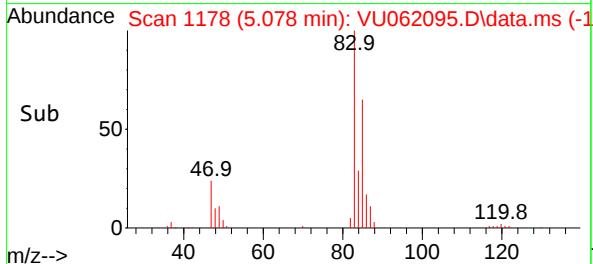
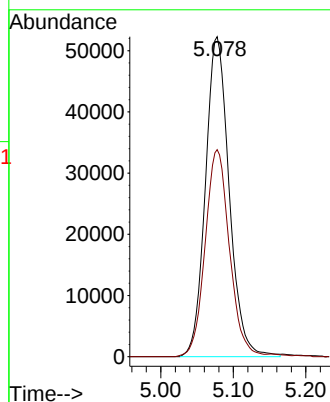
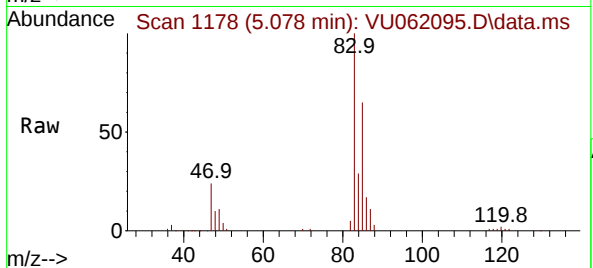
ClientSampleId :

Tgt Ion: 83 Resp: 119024

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 51.327 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU062095.D

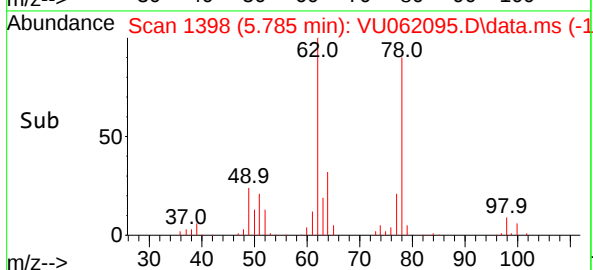
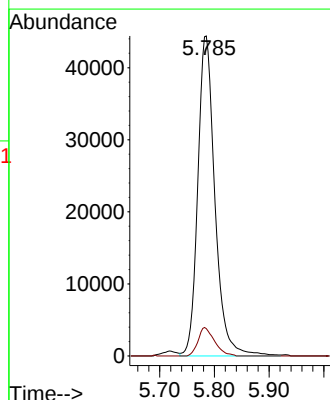
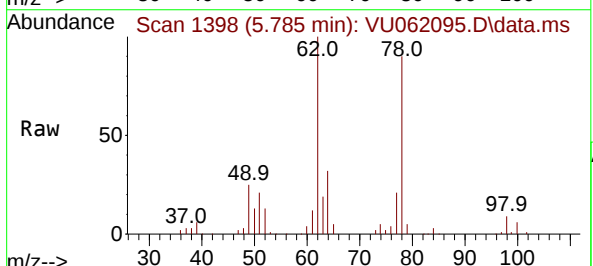
Acq: 05 Dec 2024 12:54

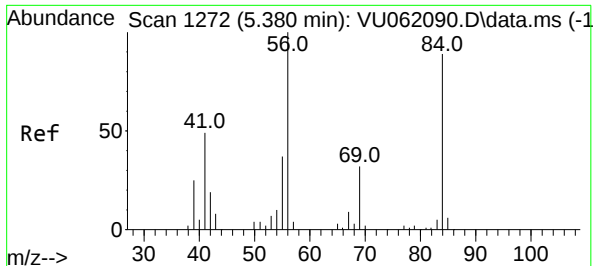
Tgt Ion: 62 Resp: 96559

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0





#29

Cyclohexane

Concen: 50.041 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

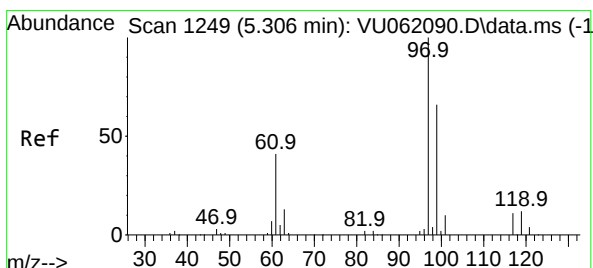
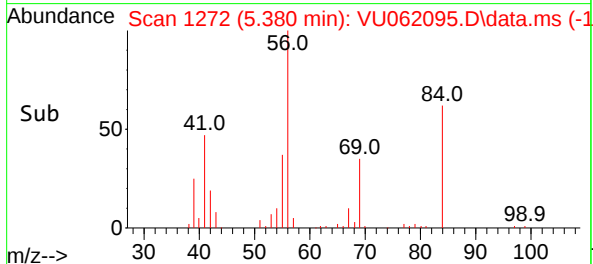
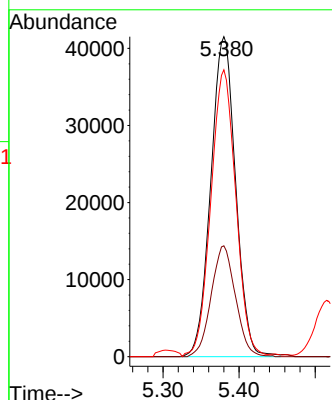
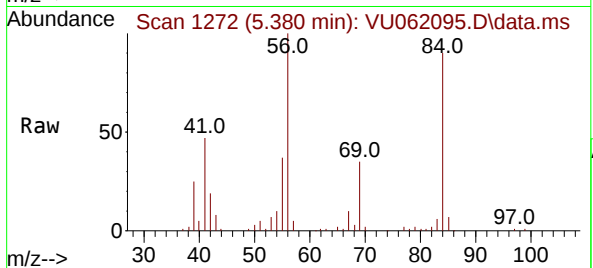
Tgt Ion: 56 Resp: 94251

Ion Ratio Lower Upper

56 100

69 33.9 27.1 40.7

84 90.0 72.1 108.1



#30

1,1,1-Trichloroethane

Concen: 51.144 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

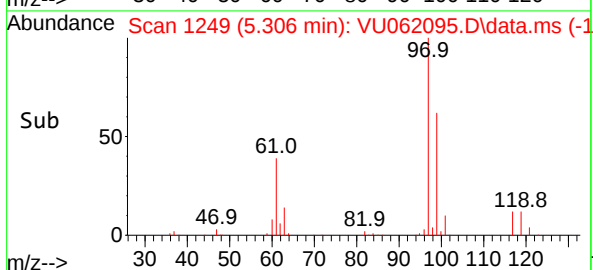
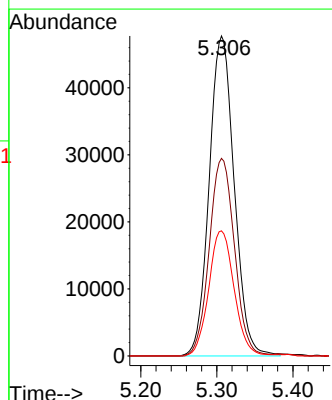
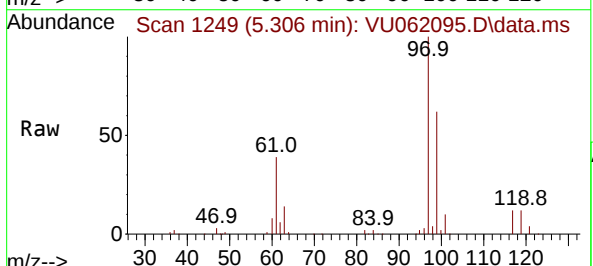
Tgt Ion: 97 Resp: 109079

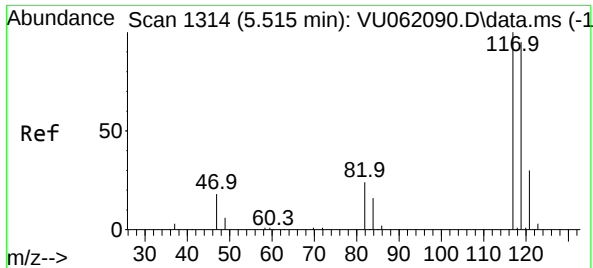
Ion Ratio Lower Upper

97 100

99 62.3 52.0 78.0

61 39.7 32.6 48.8

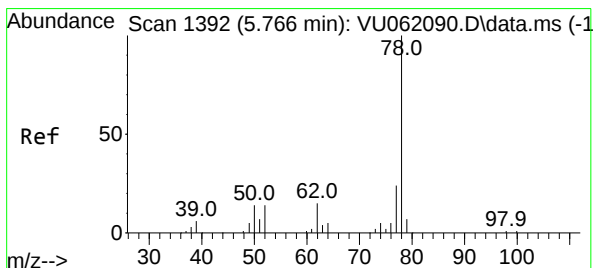
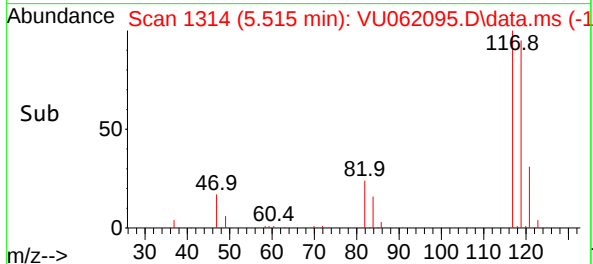
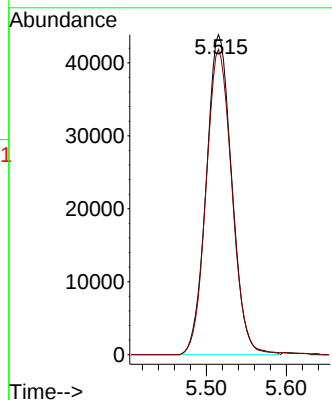
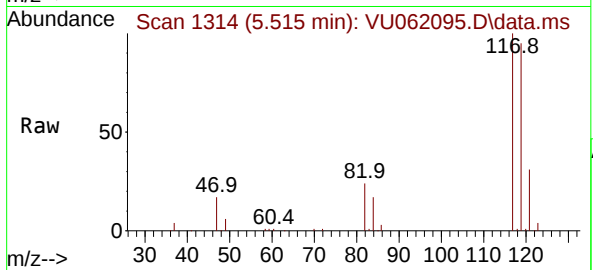




#31
Carbon tetrachloride
Concen: 51.034 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

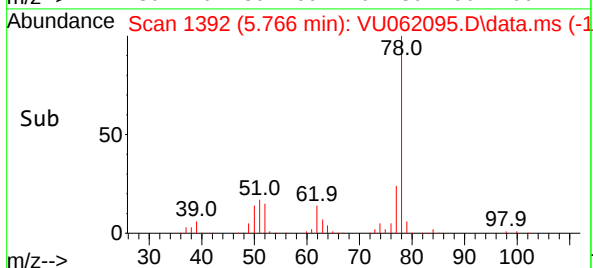
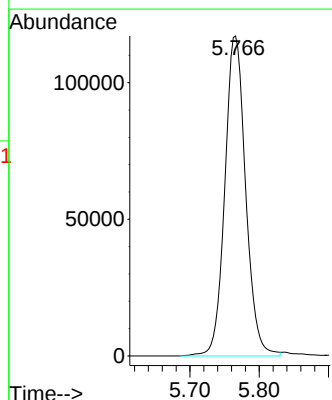
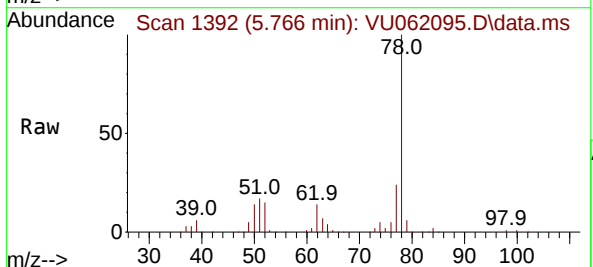
Instrument :
MSVOA_U
ClientSampleId :

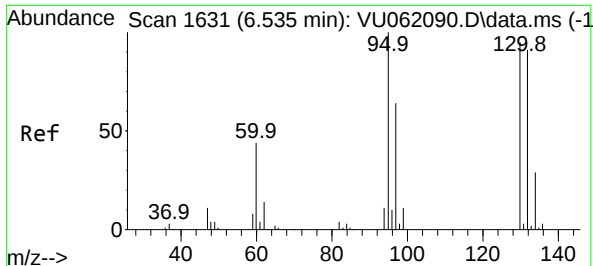
Tgt Ion:117 Resp: 97269
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6



#33
Benzene
Concen: 49.861 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 78 Resp: 244623



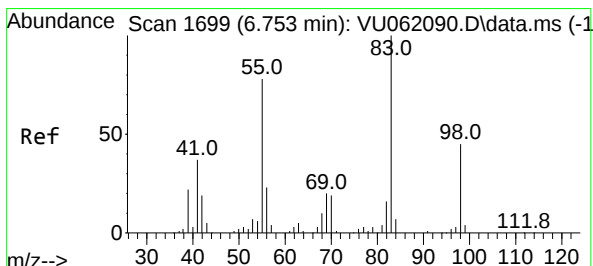
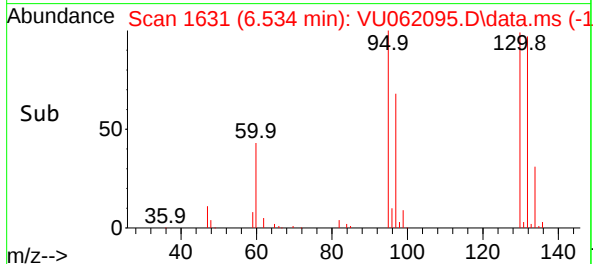
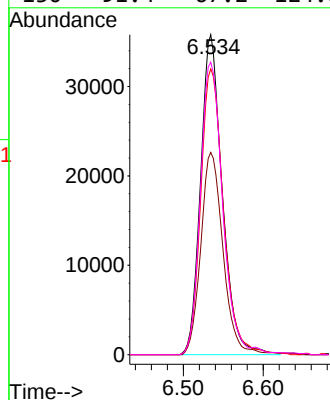
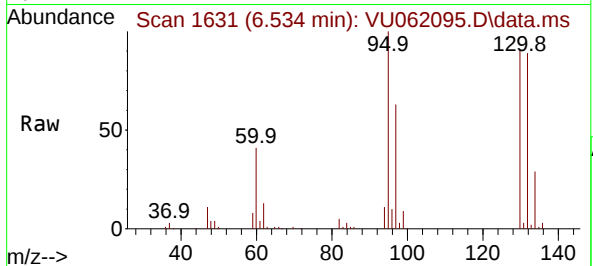


#34
Trichloroethene
Concen: 50.578 ug/L
RT: 6.534 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 67757

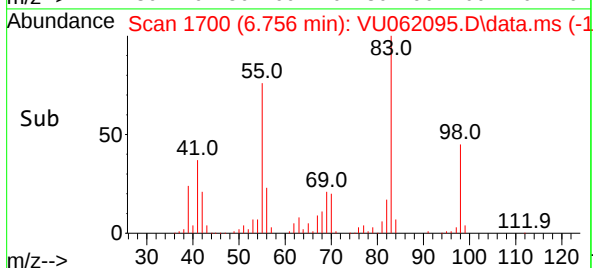
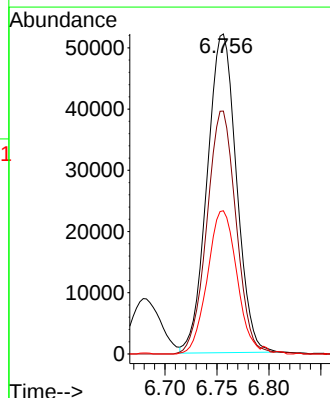
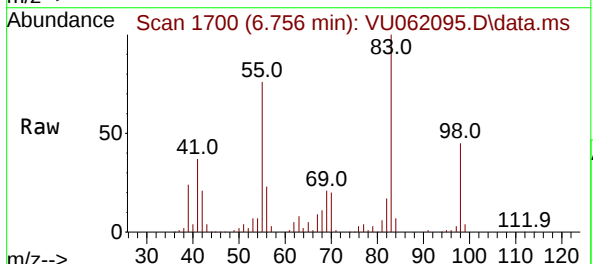
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.6	82.8
132	89.3	67.3	124.9
130	91.4	67.2	124.8

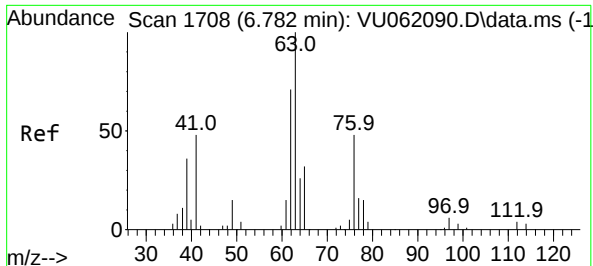


#35
Methylcyclohexane
Concen: 50.310 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 83 Resp: 102172

Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.1	90.1
98	44.9	35.8	53.8

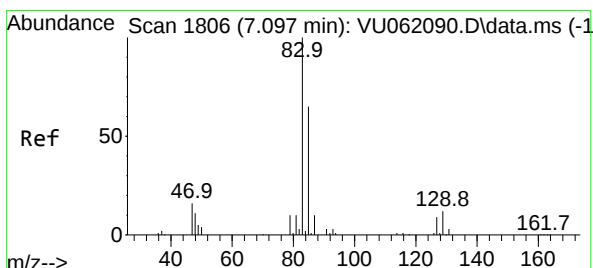
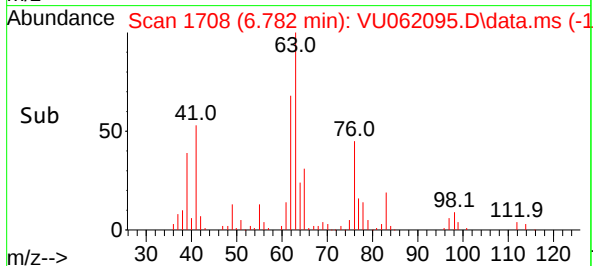
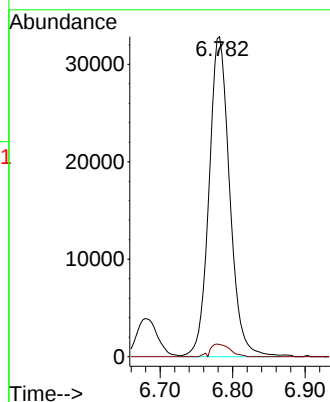
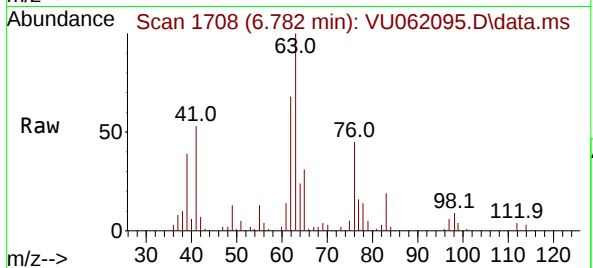




#37
1,2-Dichloropropane
Concen: 50.116 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

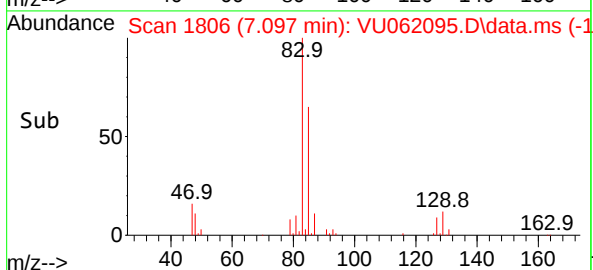
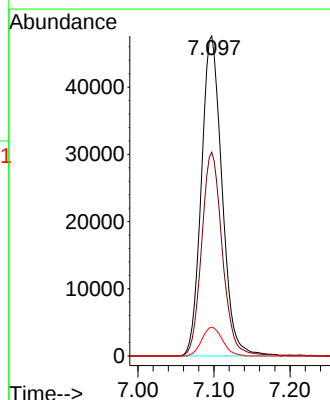
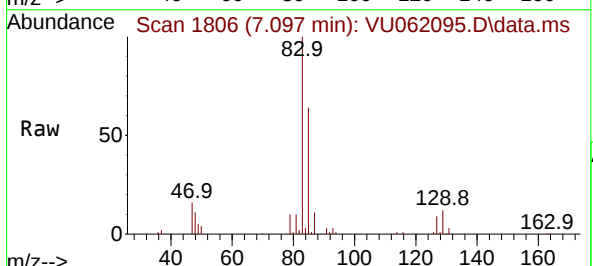
Instrument :
MSVOA_U
ClientSampleId :

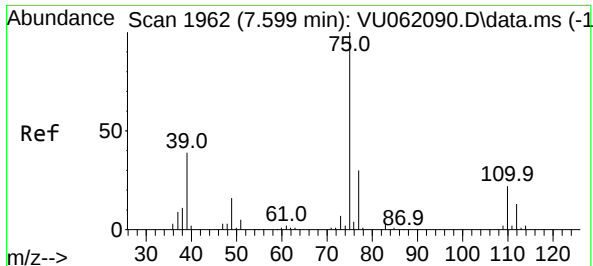
Tgt Ion: 63 Resp: 65061
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7



#38
Bromodichloromethane
Concen: 51.394 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 83 Resp: 89896
Ion Ratio Lower Upper
83 100
85 63.7 46.8 87.0
127 9.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 49.698 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

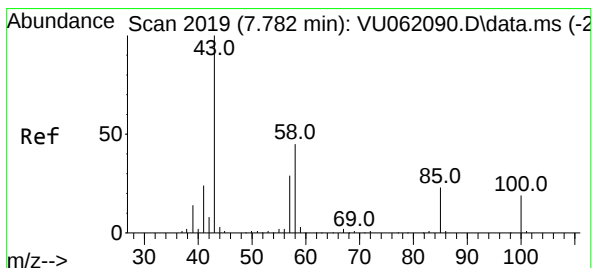
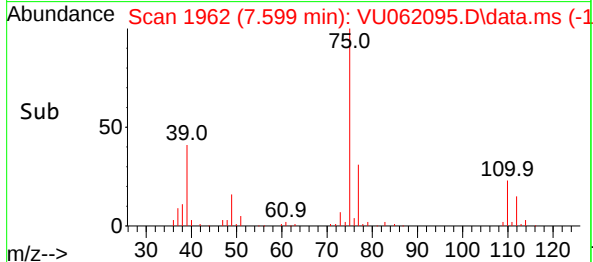
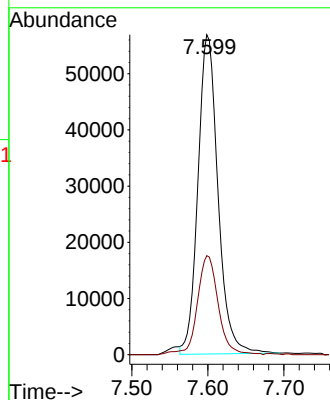
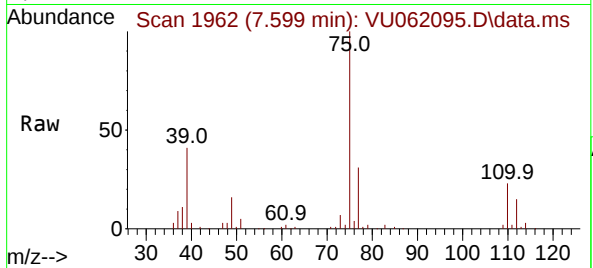
ClientSampleId :

Tgt Ion: 75 Resp: 104182

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 99.378 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

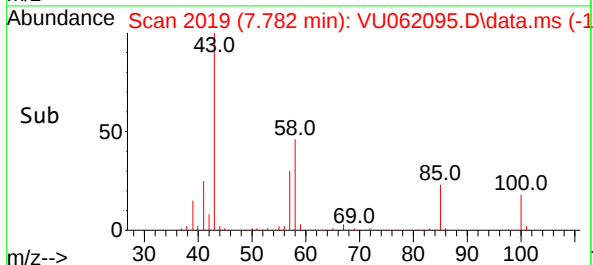
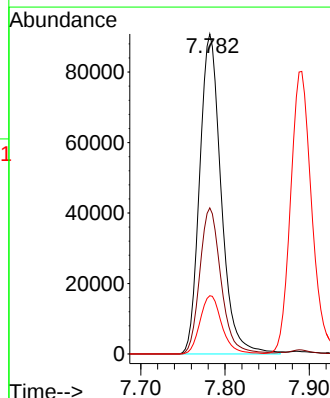
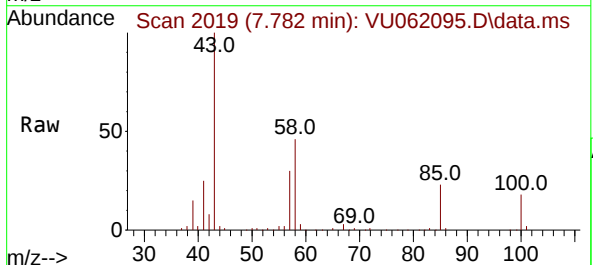
Tgt Ion: 43 Resp: 161164

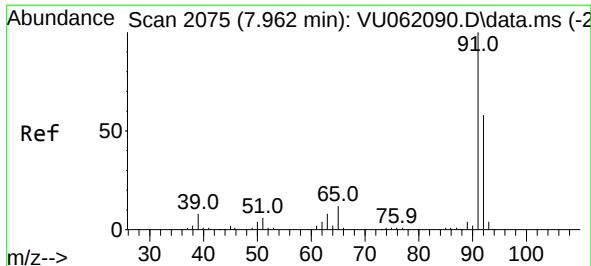
Ion Ratio Lower Upper

43 100

58 45.3 35.7 53.5

100 18.5 14.6 21.8





#42

Toluene

Concen: 50.707 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

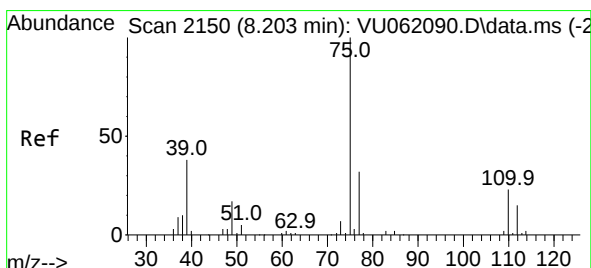
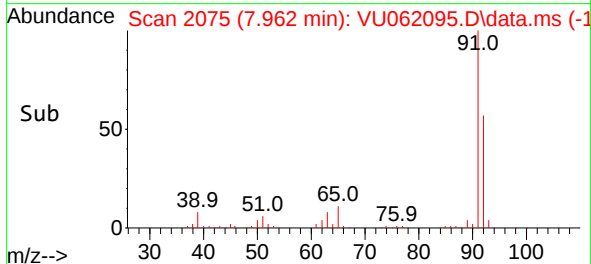
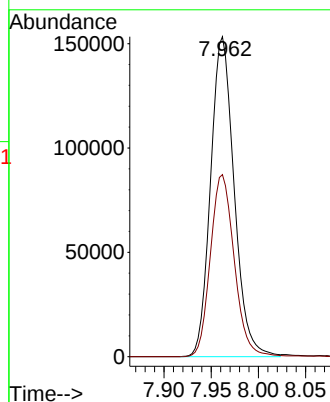
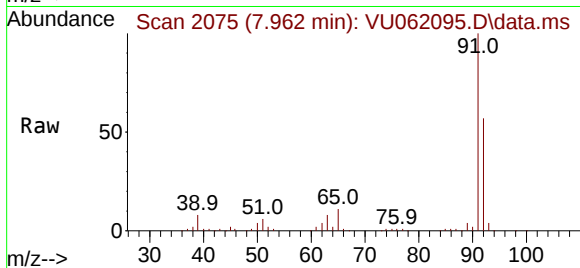
ClientSampleId :

Tgt Ion: 91 Resp: 265952

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 51.338 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062095.D

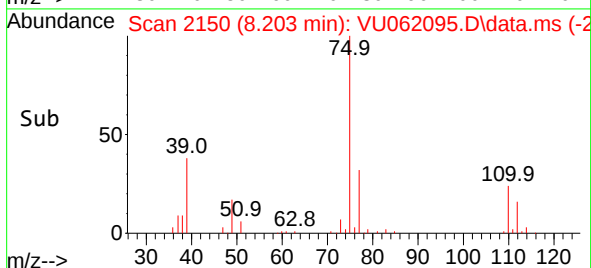
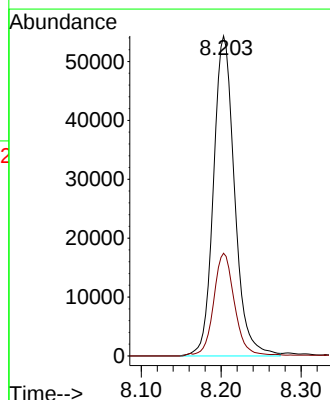
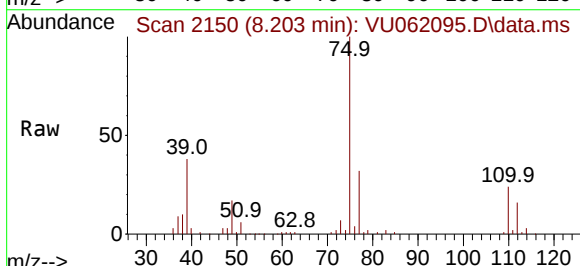
Acq: 05 Dec 2024 12:54

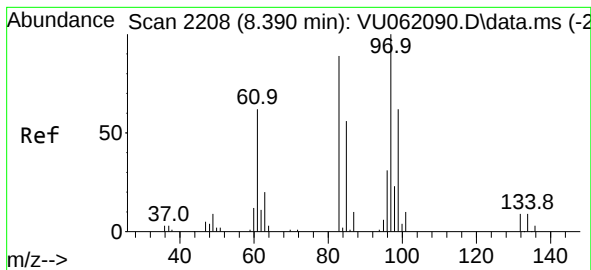
Tgt Ion: 75 Resp: 99517

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 51.226 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 65998

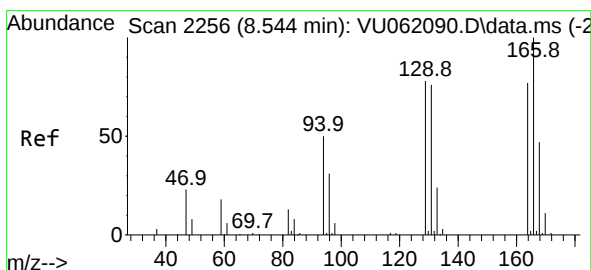
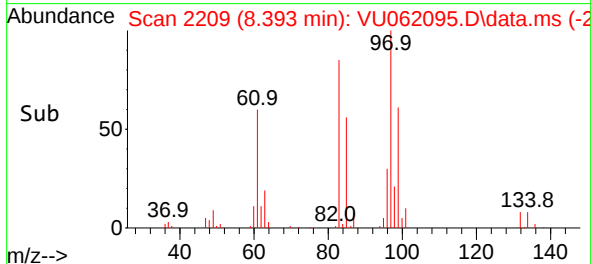
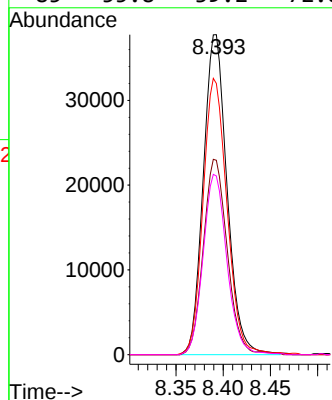
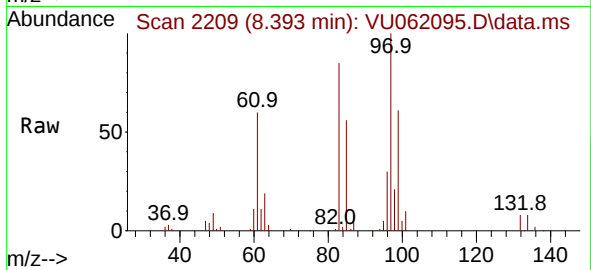
Ion Ratio Lower Upper

97 100

99 60.8 43.5 80.7

83 84.8 60.8 113.0

85 55.8 39.2 72.8



#46

Tetrachloroethene

Concen: 50.718 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Tgt Ion:164 Resp: 51629

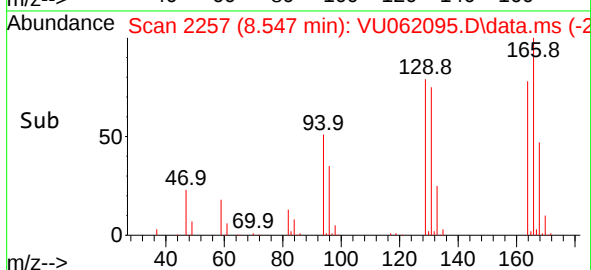
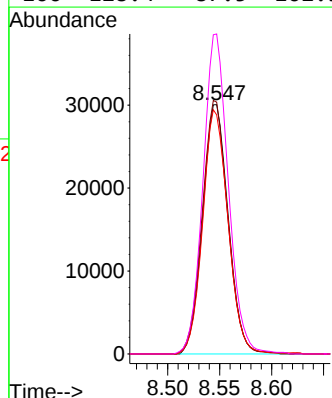
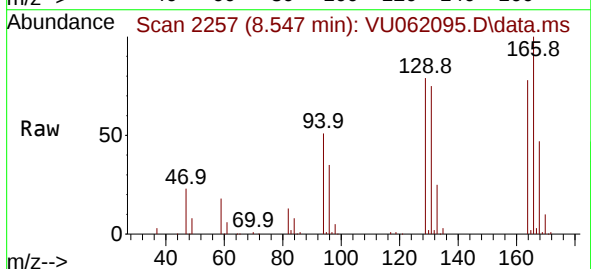
Ion Ratio Lower Upper

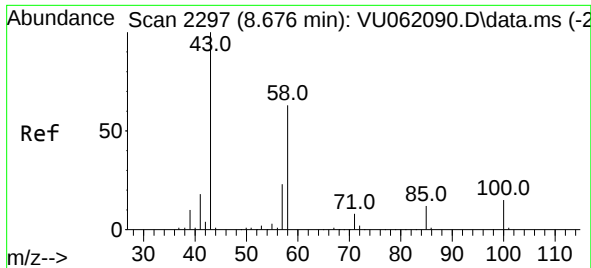
164 100

129 101.0 70.4 130.8

131 95.9 67.8 125.8

166 128.4 87.5 162.5

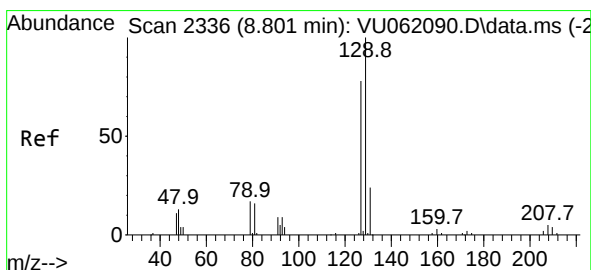
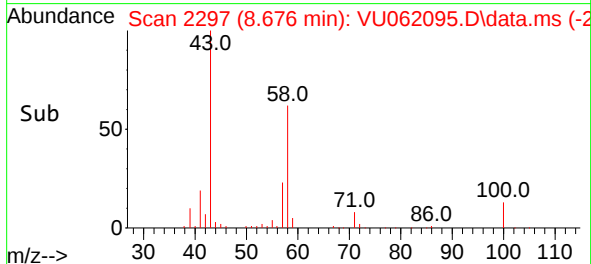
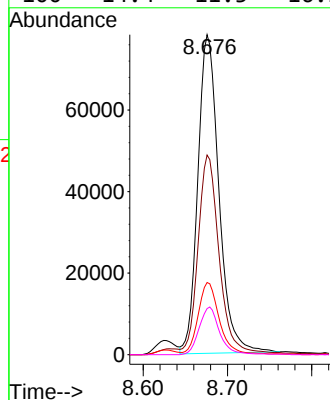
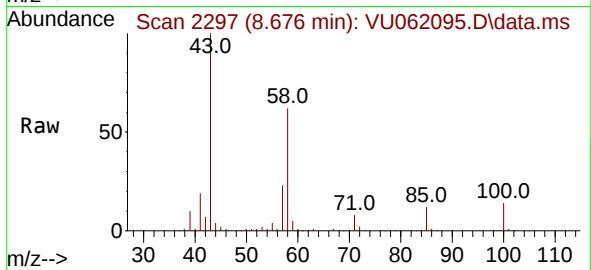




#48
2-Hexanone
Concen: 99.685 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

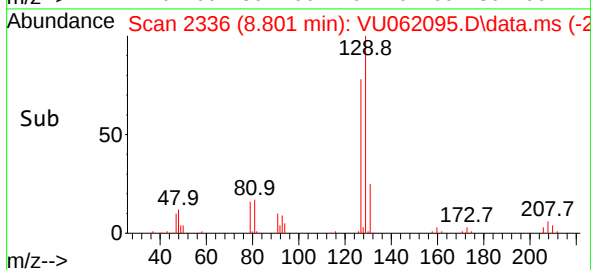
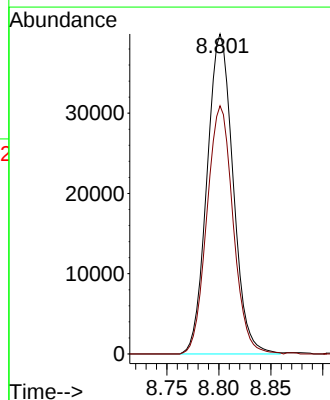
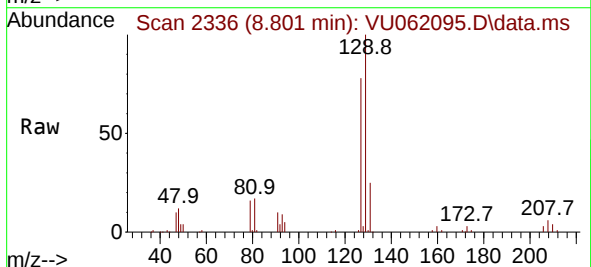
Instrument :
MSVOA_U
ClientSampleId :

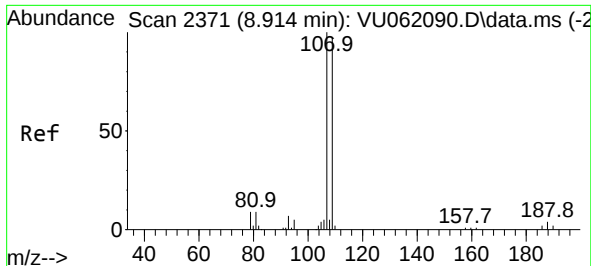
Tgt Ion:	43	Resp:	136281
Ion	Ratio	Lower	Upper
43	100		
58	62.1	51.7	77.5
57	22.3	18.5	27.7
100	14.4	11.3	16.9



#49
Dibromochloromethane
Concen: 51.721 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion:	129	Resp:	69629
Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.3	99.1





#50

1,2-Dibromoethane

Concen: 50.964 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.000 min

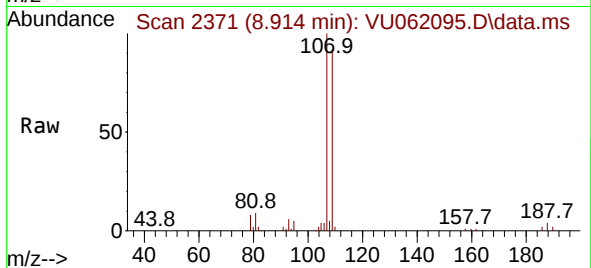
Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

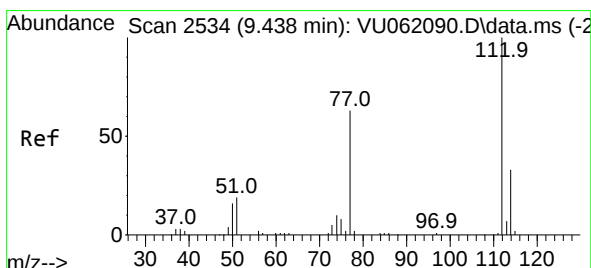
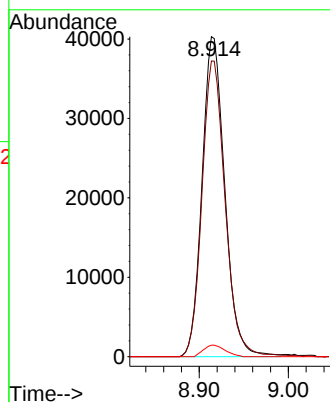
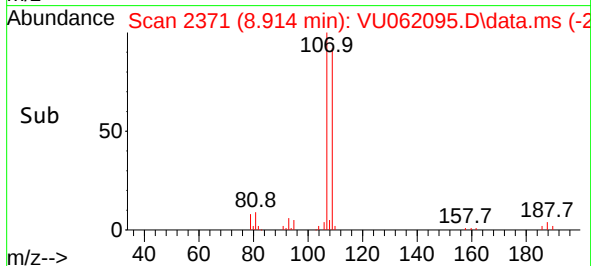
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	71327
Ion	Ratio	Lower	Upper
107	100		
109	92.4	67.1	124.7
188	3.6	2.6	4.0



#51

Chlorobenzene

Concen: 49.789 ug/L

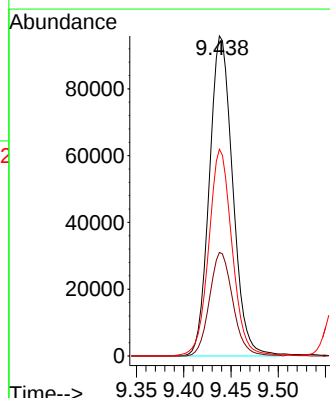
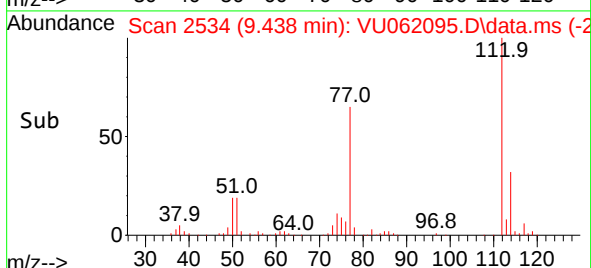
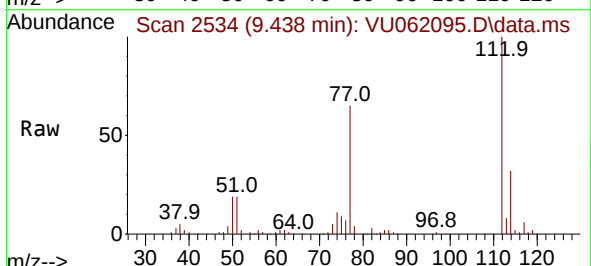
RT: 9.438 min Scan# 2534

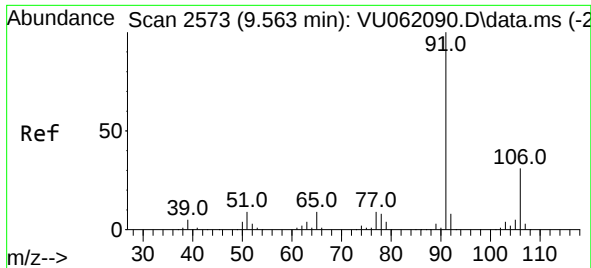
Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Tgt Ion:	112	Resp:	164964
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	64.6	50.8	76.2

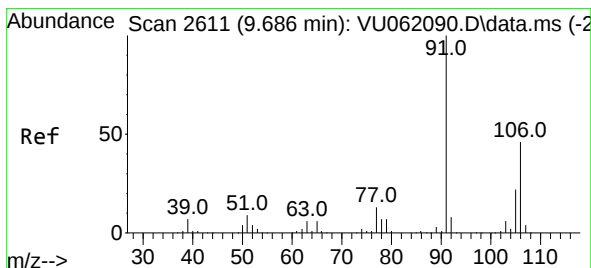
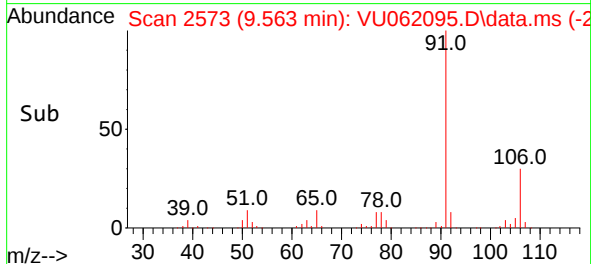
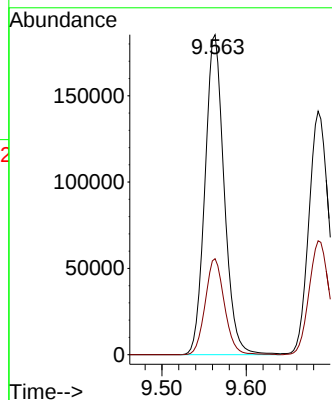
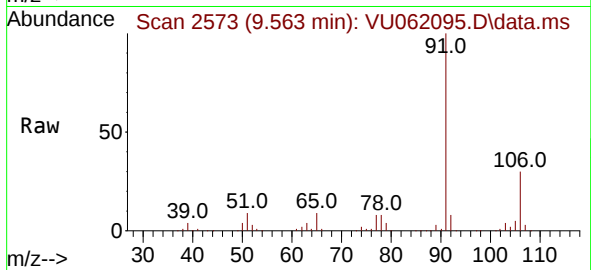




#52
Ethylbenzene
Concen: 50.996 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

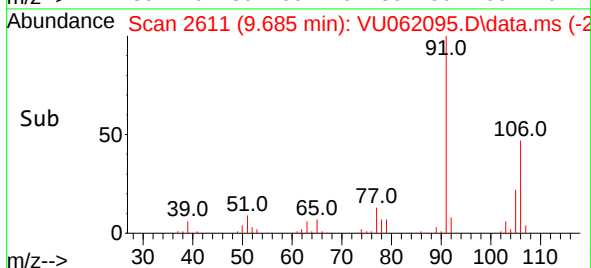
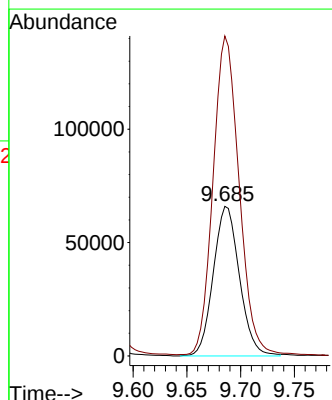
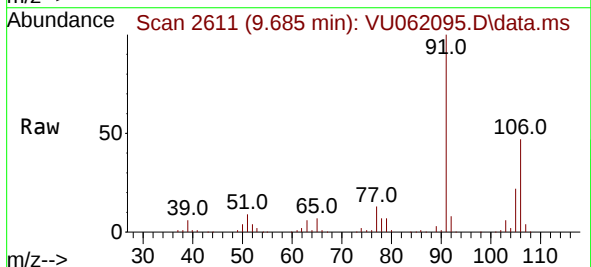
Instrument :
MSVOA_U
ClientSampleId :

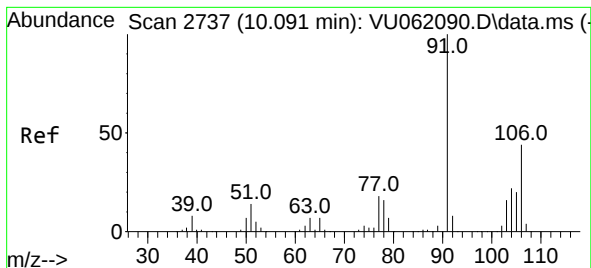
Tgt Ion: 91 Resp: 293826
Ion Ratio Lower Upper
91 100
106 30.0 20.8 38.6



#53
m,p-Xylene
Concen: 52.373 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion:106 Resp: 111582
Ion Ratio Lower Upper
106 100
91 213.9 147.9 274.7





#54

o-Xylene

Concen: 51.595 ug/L

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

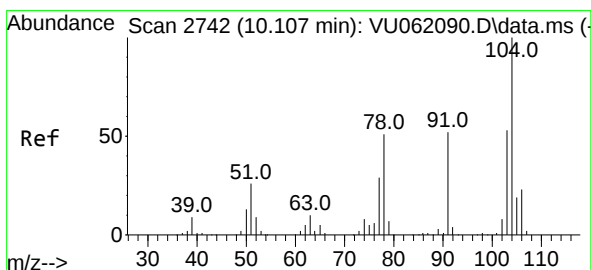
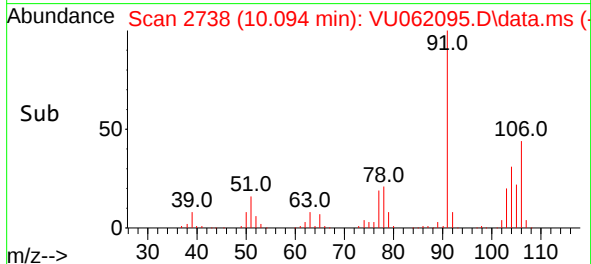
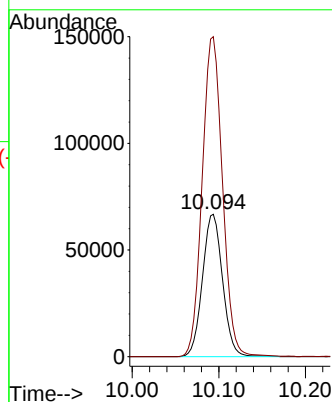
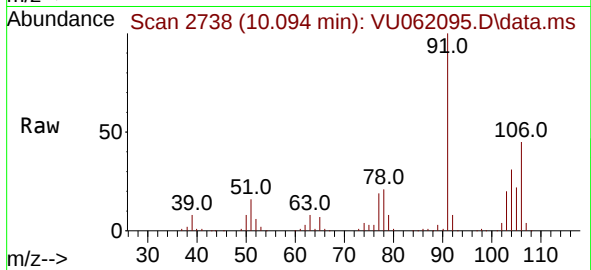
ClientSampleId :

Tgt Ion:106 Resp: 107540

Ion Ratio Lower Upper

106 100

91 224.6 161.0 299.0



#55

Styrene

Concen: 52.138 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062095.D

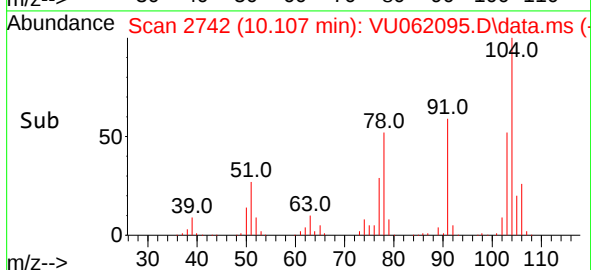
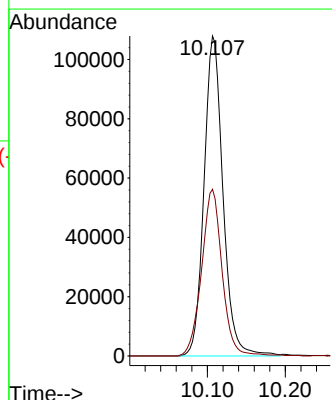
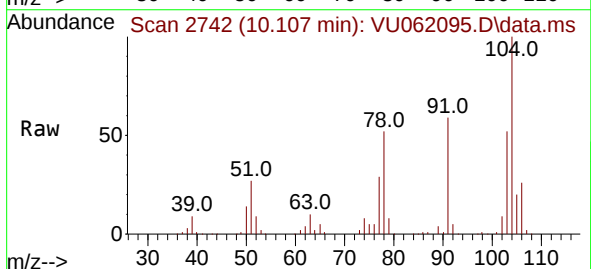
Acq: 05 Dec 2024 12:54

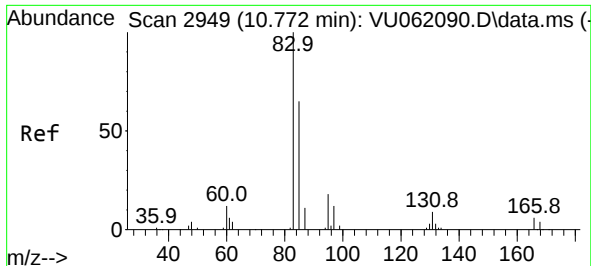
Tgt Ion:104 Resp: 182841

Ion Ratio Lower Upper

104 100

78 52.1 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 49.134 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

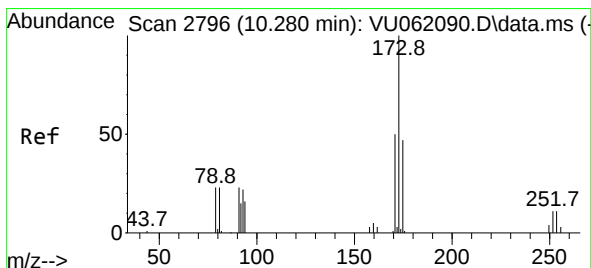
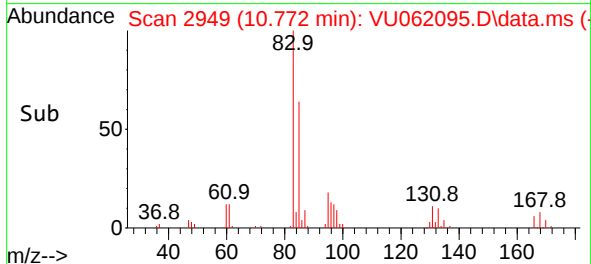
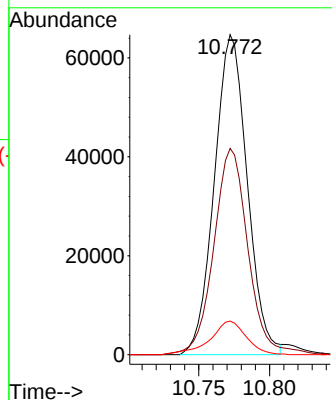
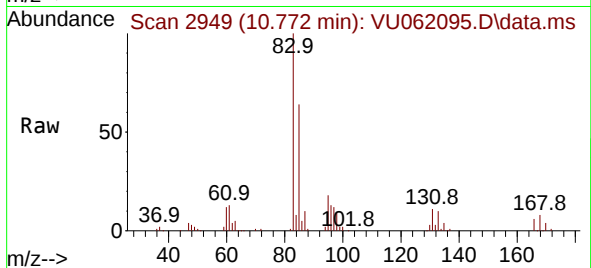
Tgt Ion: 83 Resp: 104471

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.3

131 10.5 8.4 12.6



#59

Bromoform

Concen: 50.171 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

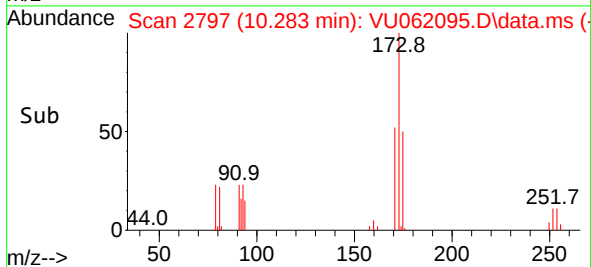
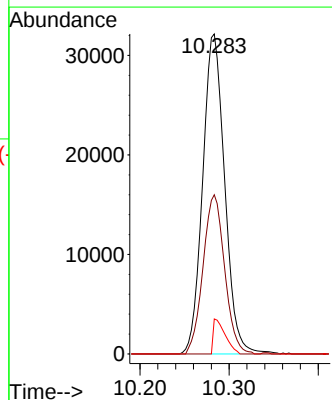
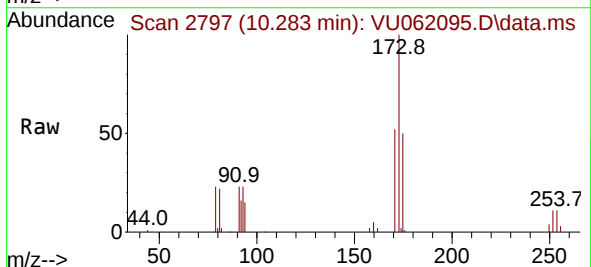
Tgt Ion:173 Resp: 55205

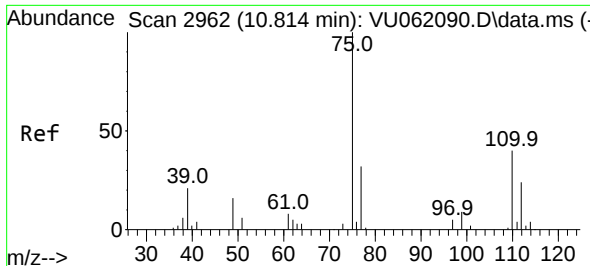
Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

254 5.9 1.7 2.5#

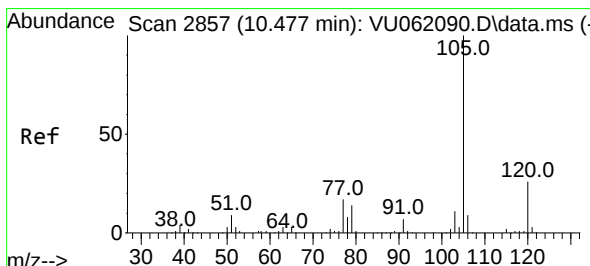
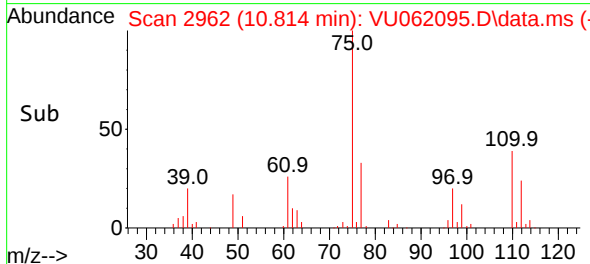
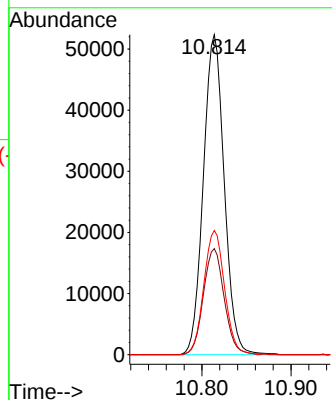
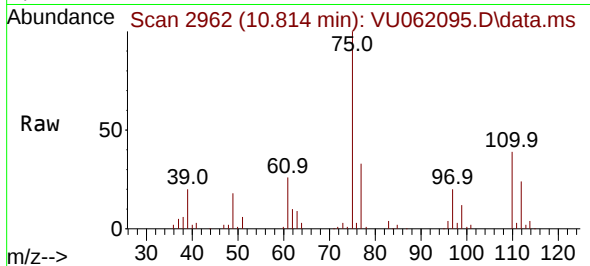




#60
1,2,3-Trichloropropane
Concen: 47.809 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

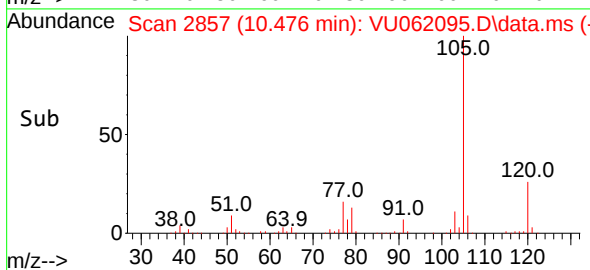
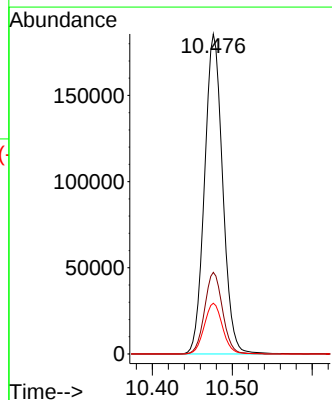
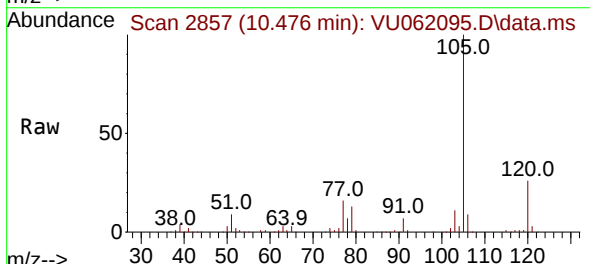
Instrument :
MSVOA_U
ClientSampleId :

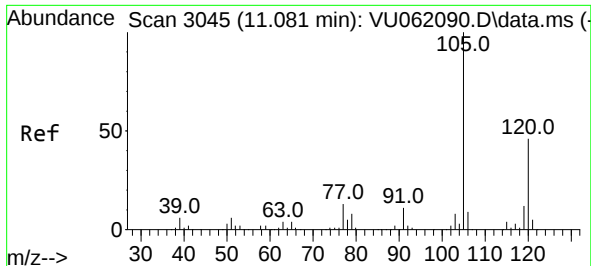
Tgt Ion: 75 Resp: 85273
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.4
110 38.5 30.7 46.1



#61
Isopropylbenzene
Concen: 49.817 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion: 105 Resp: 292754
Ion Ratio Lower Upper
105 100
120 25.3 20.0 30.0
77 16.0 13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 49.508 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

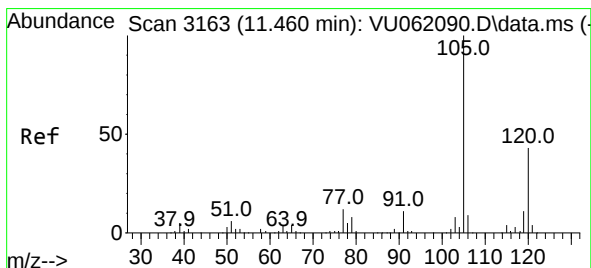
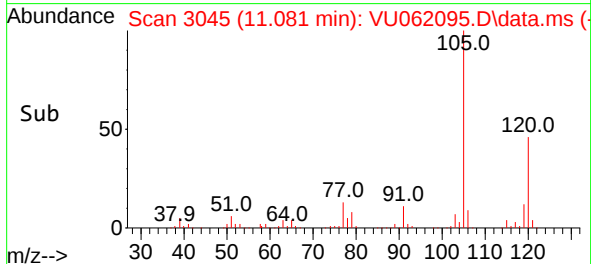
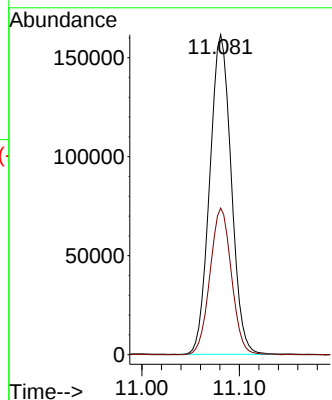
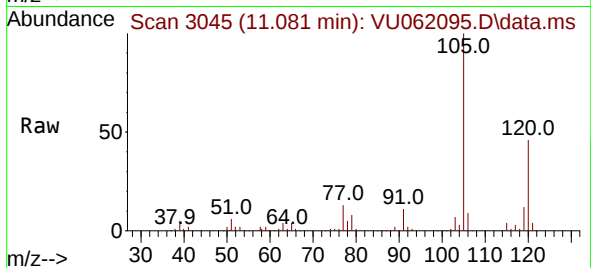
ClientSampleId :

Tgt Ion:105 Resp: 247702

Ion Ratio Lower Upper

105 100

120 45.7 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 50.514 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062095.D

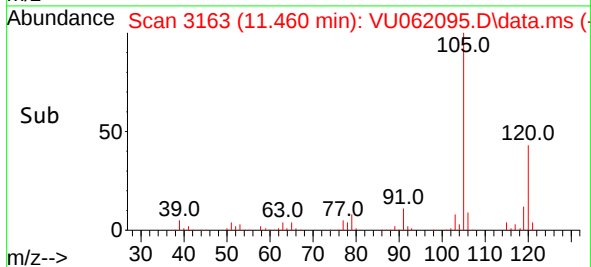
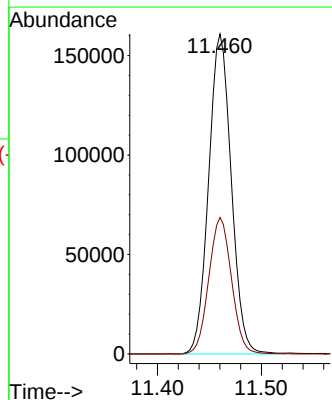
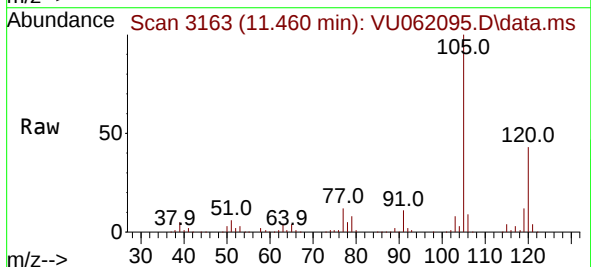
Acq: 05 Dec 2024 12:54

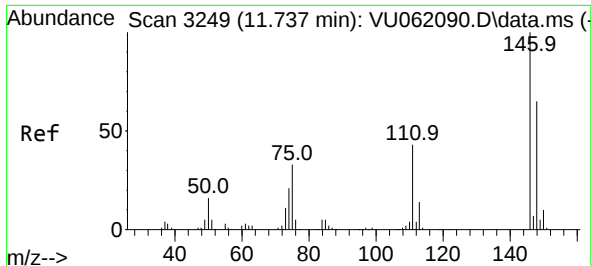
Tgt Ion:105 Resp: 243357

Ion Ratio Lower Upper

105 100

120 42.8 33.8 50.8

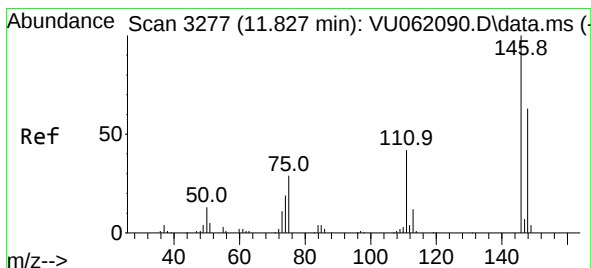
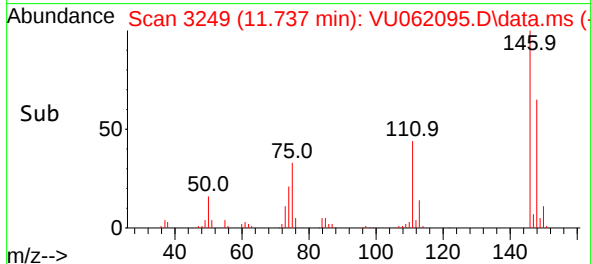
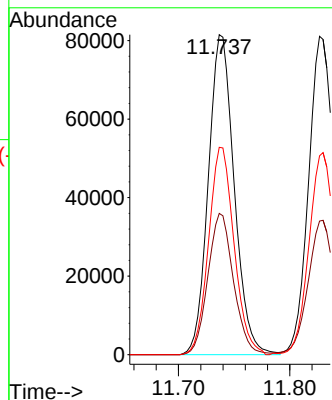
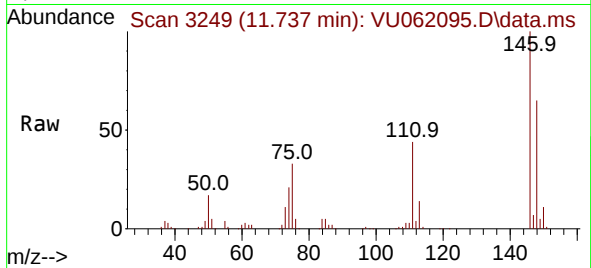




#64
1,3-Dichlorobenzene
Concen: 48.478 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

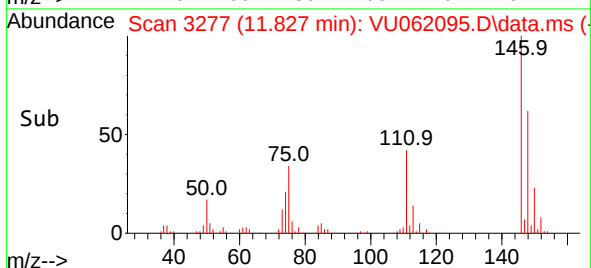
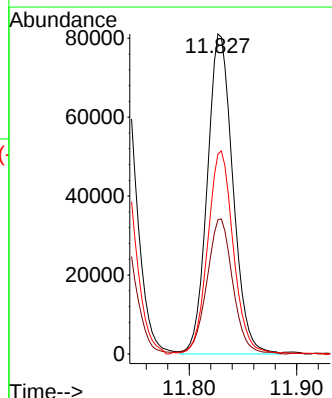
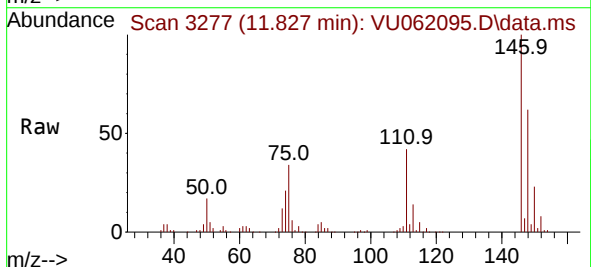
Instrument :
MSVOA_U
ClientSampleId :

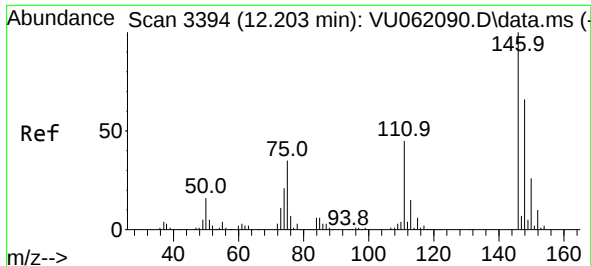
Tgt Ion:146 Resp: 131646
Ion Ratio Lower Upper
146 100
111 44.1 29.8 55.4
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.636 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion:146 Resp: 134052
Ion Ratio Lower Upper
146 100
111 41.9 29.4 54.6
148 62.5 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 48.725 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

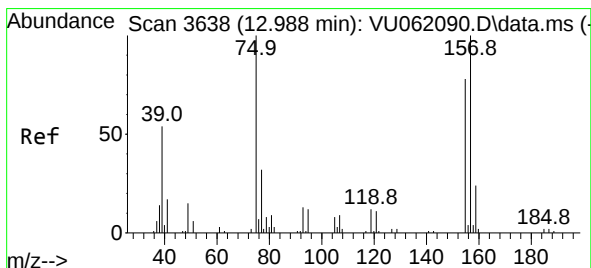
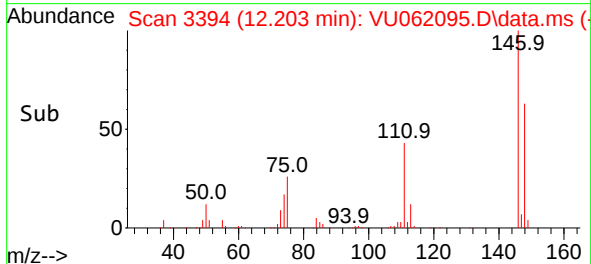
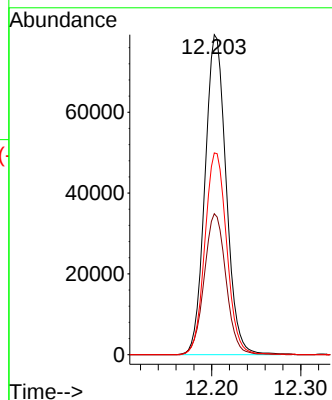
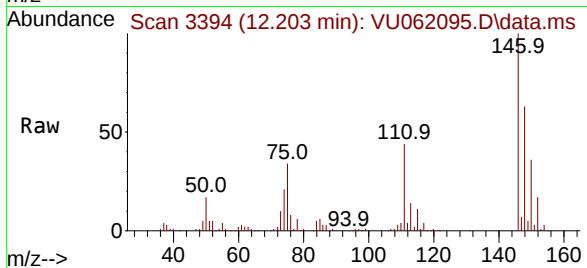
Tgt Ion:146 Resp: 130697

Ion Ratio Lower Upper

146 100

111 44.0 36.1 54.1

148 63.0 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.386 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062095.D

Acq: 05 Dec 2024 12:54

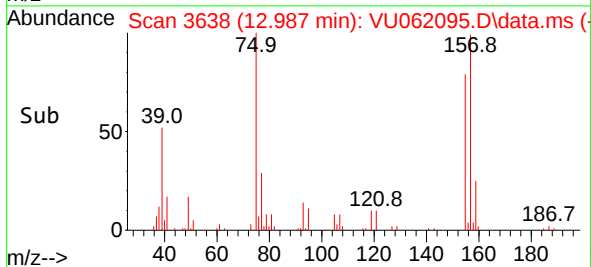
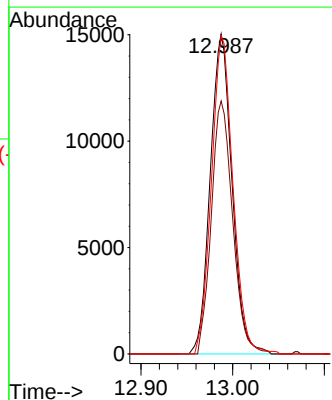
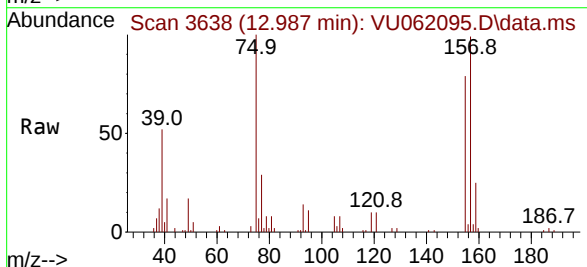
Tgt Ion: 75 Resp: 24825

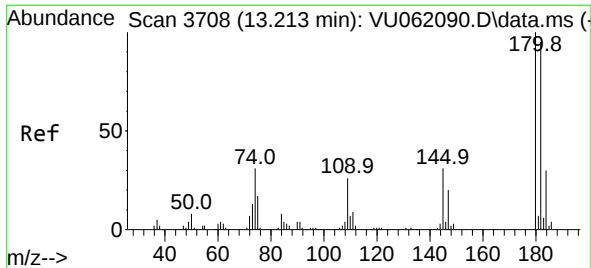
Ion Ratio Lower Upper

75 100

155 79.0 65.1 97.7

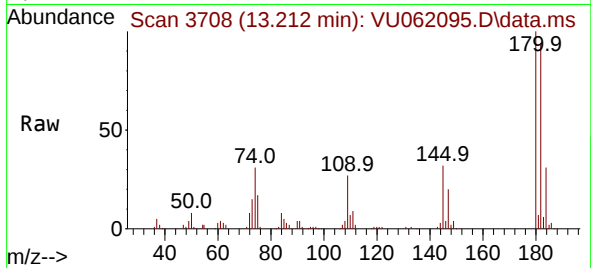
157 103.4 91.2 136.8



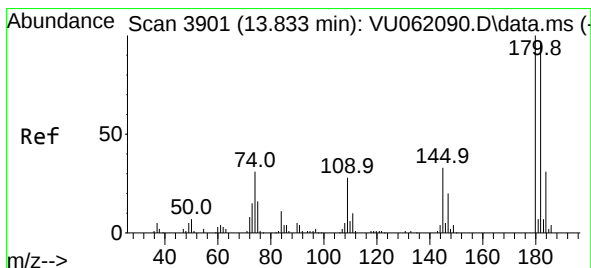
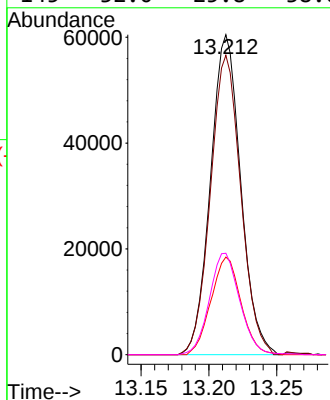
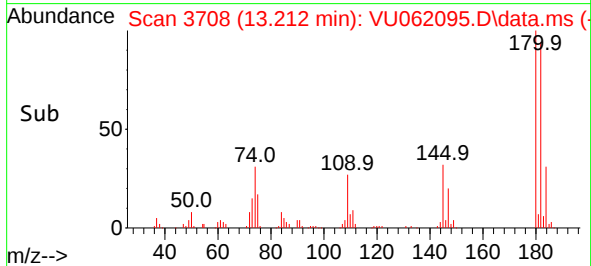


#69
1,3,5-Trichlorobenzene
Concen: 48.956 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

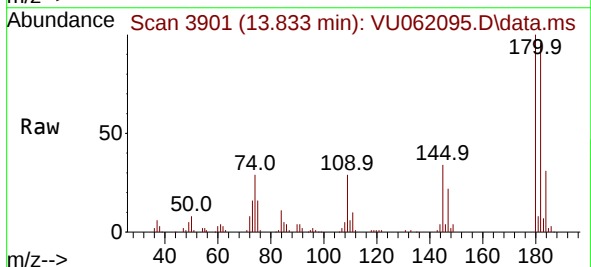
Instrument :
MSVOA_U
ClientSampleId :



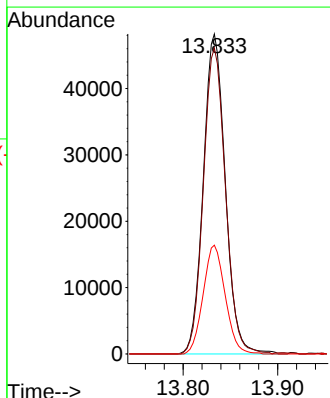
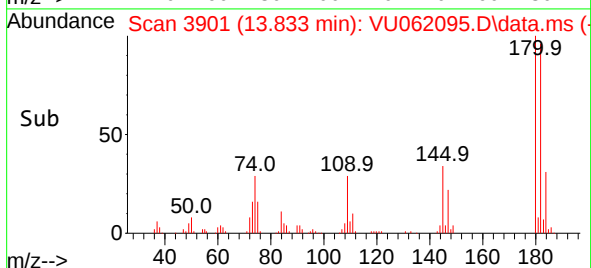
Tgt Ion:180 Resp: 93593
Ion Ratio Lower Upper
180 100
182 94.0 74.6 112.0
184 30.3 24.2 36.2
145 32.0 25.8 38.6

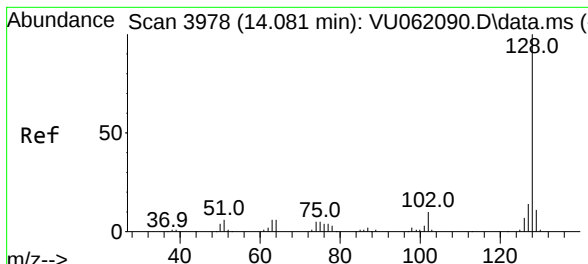


#70
1,2,4-trichlorobenzene
Concen: 47.758 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54



Tgt Ion:180 Resp: 77953
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 33.9 27.1 40.7

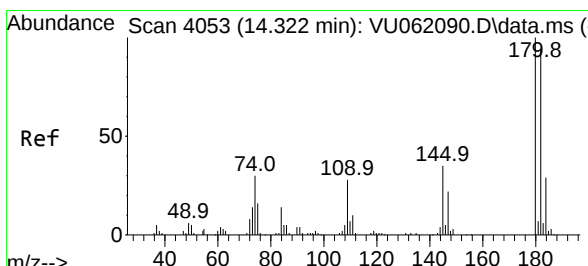
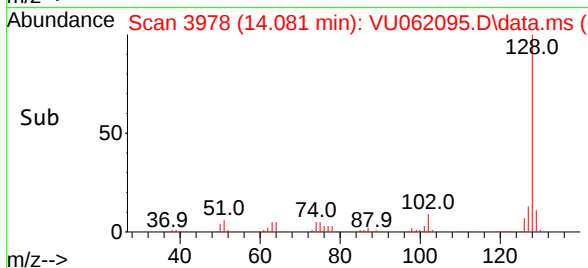
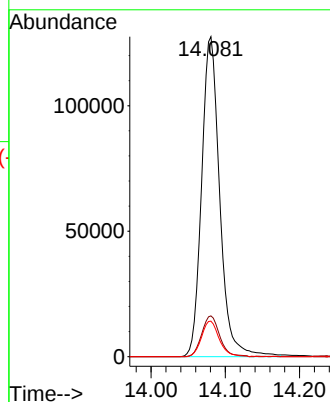
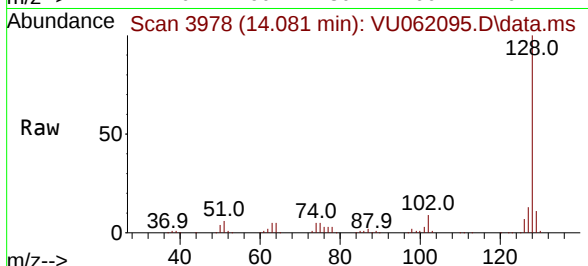




#71
Naphthalene
Concen: 48.929 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp: 216391
Ion Ratio	Lower Upper
128	100
127	12.6 10.3 15.5
129	10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.182 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062095.D
Acq: 05 Dec 2024 12:54

Tgt Ion:180	Resp: 75917
Ion Ratio	Lower Upper
180	100
182	94.3 75.8 113.6
145	34.6 27.4 41.0

