

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060513.D
 Acq On : 23 Aug 2024 15:00
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:39:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:34:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	100172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	99543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17735	4.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	35170	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.560	65	10471	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.634	46	75584	49.679	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.055	84	60413	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	31630	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	110891	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.685	67	35489	5.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	101199	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.174	79	13213	5.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.627	63	58271	48.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	29951	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39016	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57411	5.051	ug/L	98
3) Chloromethane	1.518	50	44806	4.549	ug/L	96
5) Vinyl chloride	1.599	62	42258	4.357	ug/L	97
6) Bromomethane	1.856	94	51215	5.248	ug/L	98
8) Chloroethane	1.930	64	47121	5.325	ug/L	98
9) Trichlorofluoromethane	2.133	101	102404	4.857	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36743	4.119	ug/L	98
12) 1,1-Dichloroethene	2.573	96	33930	4.133	ug/L	98
13) Acetone	2.647	43	53098	41.707	ug/L	96
14) Carbon disulfide	2.789	76	115007	4.317	ug/L	99
15) Methyl Acetate	2.962	43	12566	4.827	ug/L	93
16) Methylene chloride	3.039	84	39416	4.943	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	85369	5.124	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	35475	4.963	ug/L	93
19) 1,1-Dichloroethane	3.862	63	70736	4.884	ug/L	95
21) 2-Butanone	4.714	43	85954	49.370	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	38521	4.837	ug/L	99
23) Bromochloromethane	4.968	128	18485	5.107	ug/L	96
25) Chloroform	5.081	83	75630	4.934	ug/L	98

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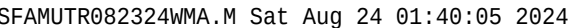
Instrument :
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 ClientSampleId :

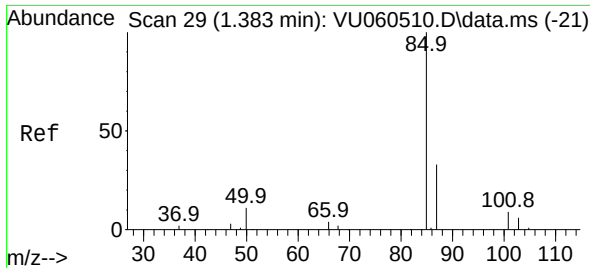
Quant Time: Aug 24 01:39:55 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	49676	4.828	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	66773	4.898	ug/L	98
30) Cyclohexane	5.380	56	57274	5.074	ug/L	99
31) Carbon tetrachloride	5.522	117	61822	4.906	ug/L	100
33) Benzene	5.769	78	156550	4.959	ug/L	100
34) Trichloroethene	6.538	95	43018	5.027	ug/L	96
35) Methylcyclohexane	6.759	83	61334	5.224	ug/L	98
37) 1,2-Dichloropropane	6.785	63	41653	5.149	ug/L #	98
38) Bromodichloromethane	7.100	83	53739	5.055	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	59485	5.015	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	218082	51.762	ug/L	100
42) Toluene	7.965	91	173063	5.187	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	51923	5.332	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	28422	4.850	ug/L	98
47) Tetrachloroethene	8.547	164	34506	4.919	ug/L	96
48) 2-Hexanone	8.679	43	161416	51.193	ug/L	99
49) Dibromochloromethane	8.804	129	34590	5.098	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27316	5.077	ug/L	94
51) Chlorobenzene	9.441	112	109453	5.068	ug/L	98
52) Ethylbenzene	9.566	91	180355	5.101	ug/L	97
53) m,p-Xylene	9.689	106	68556	5.216	ug/L	97
54) o-Xylene	10.094	106	66875	4.970	ug/L	100
55) Styrene	10.110	104	114600	5.198	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	35025	4.681	ug/L	97
59) Bromoform	10.287	173	22193	5.039	ug/L	97
60) Isopropylbenzene	10.480	105	180682	5.046	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	24644	4.767	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	141963	5.320	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	142987	5.253	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	89510	5.108	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	86268	4.852	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	80185	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5203	4.459	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	65655	4.859	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	49670	4.556	ug/L	97
71) Naphthalene	14.084	128	92707	6.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	57669	6.321	ug/L	98

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

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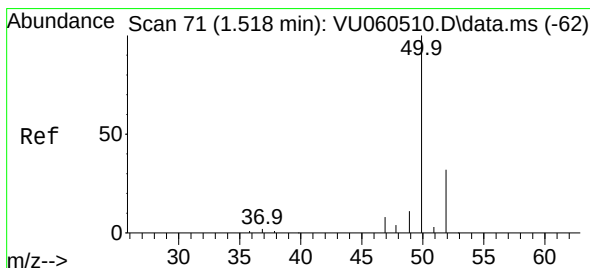
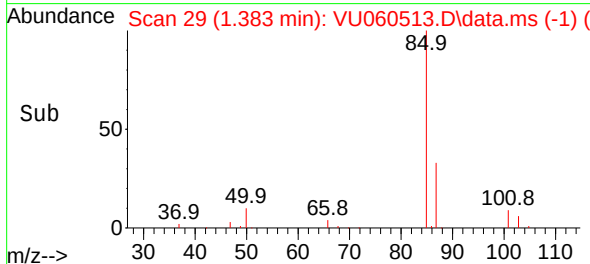
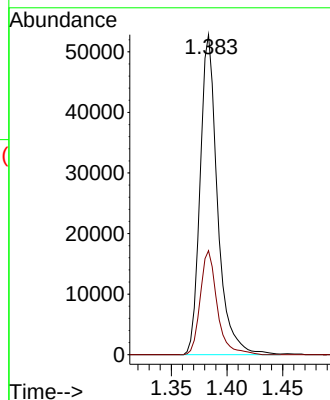
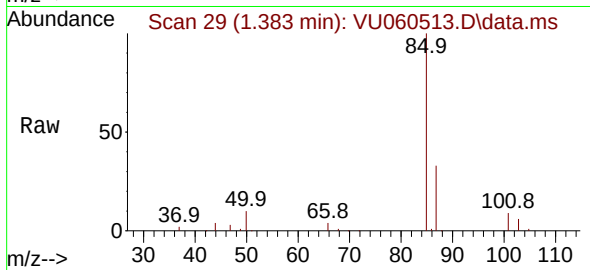




#2
 Dichlorodifluoromethane
 Concen: 5.051 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060513.D
 Acq: 23 Aug 2024 15:00

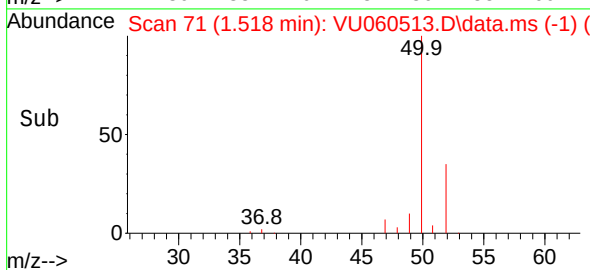
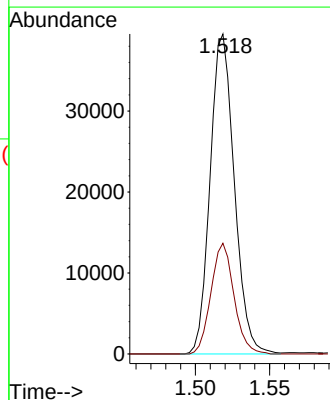
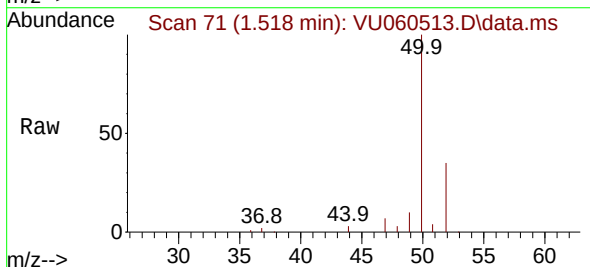
Instrument :
 MSVOA_U
 ClientSampleId :

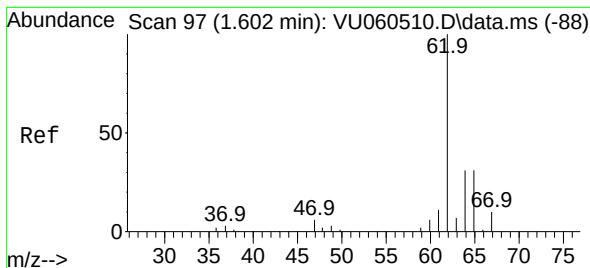
Tgt Ion: 85 Resp: 57411
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.4



#3
 Chloromethane
 Concen: 4.549 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060513.D
 Acq: 23 Aug 2024 15:00

Tgt Ion: 50 Resp: 44806
 Ion Ratio Lower Upper
 50 100
 52 34.6 22.7 42.1





#5

Vinyl chloride

Concen: 4.357 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

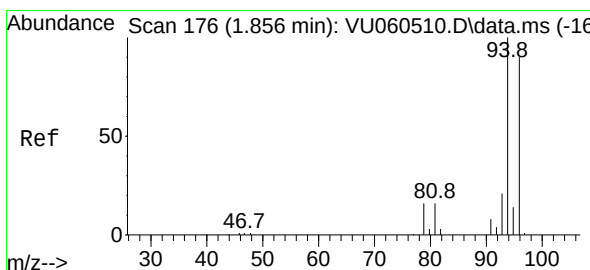
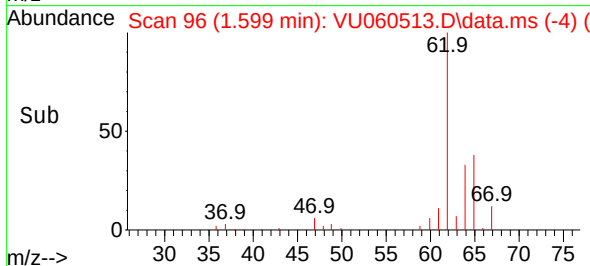
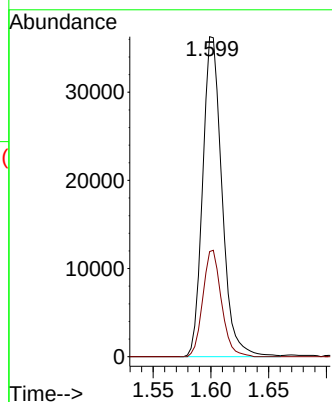
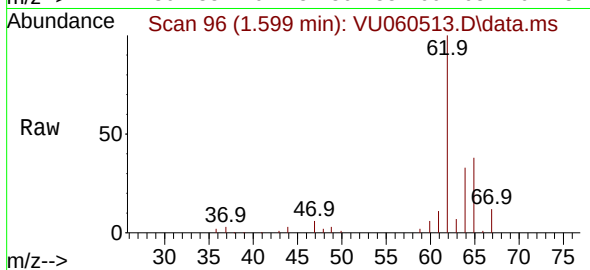
ClientSampleId :

Tgt Ion: 62 Resp: 42258

Ion Ratio Lower Upper

62 100

64 32.8 22.0 40.8



#6

Bromomethane

Concen: 5.248 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060513.D

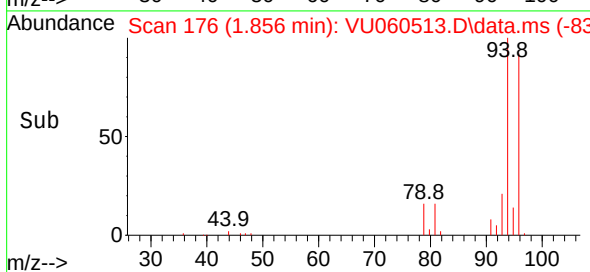
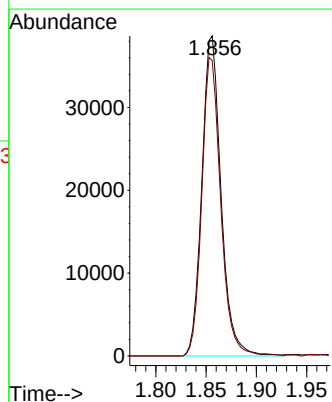
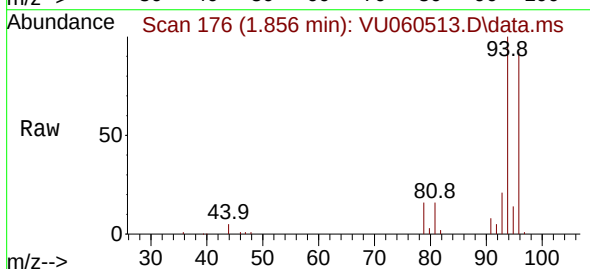
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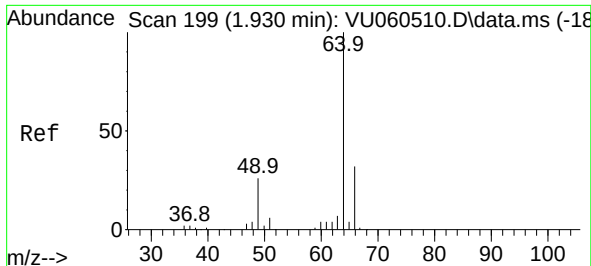
Tgt Ion: 94 Resp: 51215

Ion Ratio Lower Upper

94 100

96 92.4 63.3 117.5

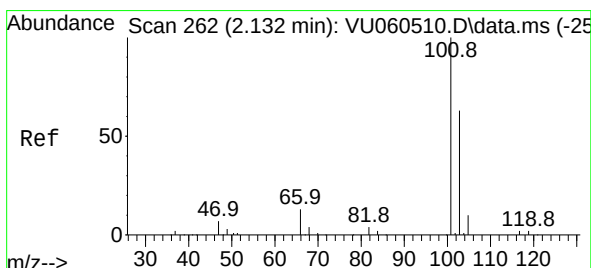
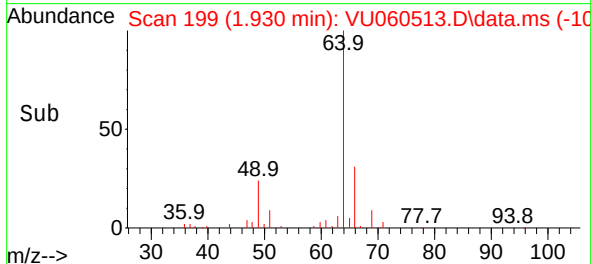
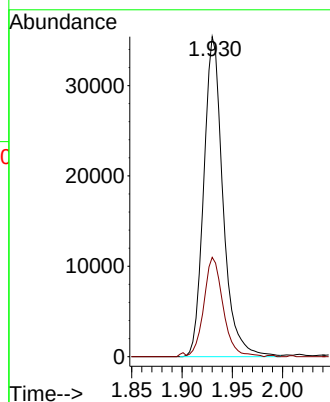
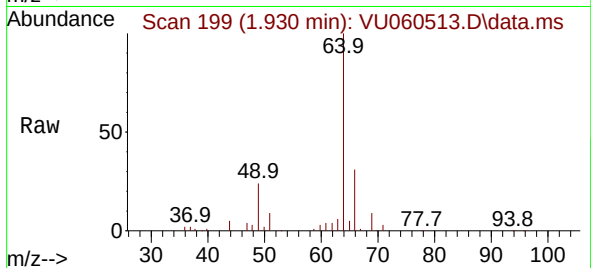




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

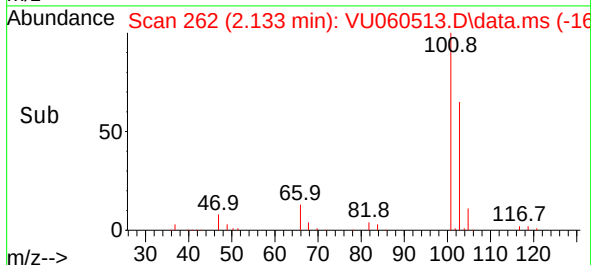
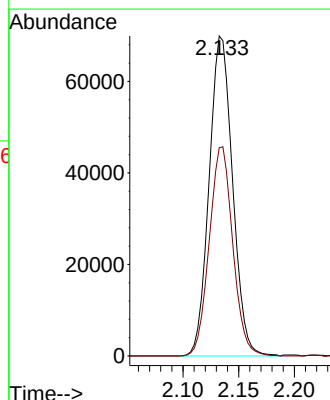
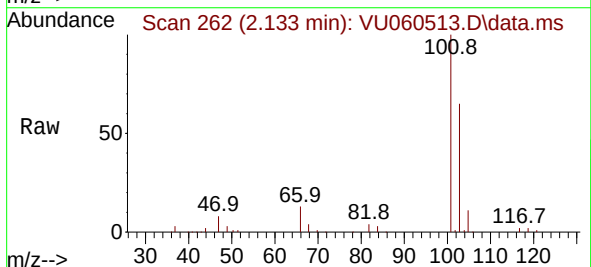
Instrument :
MSVOA_U
ClientSampleId :

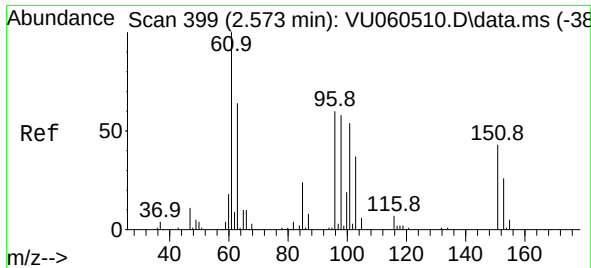
Tgt Ion: 64 Resp: 47121
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.857 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:101 Resp: 102404
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

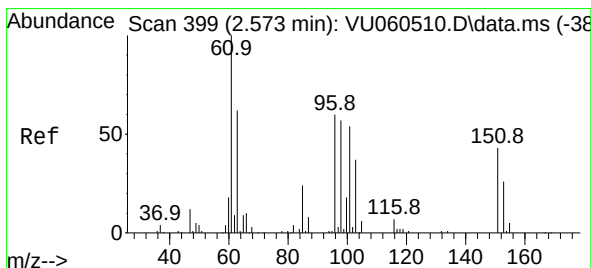
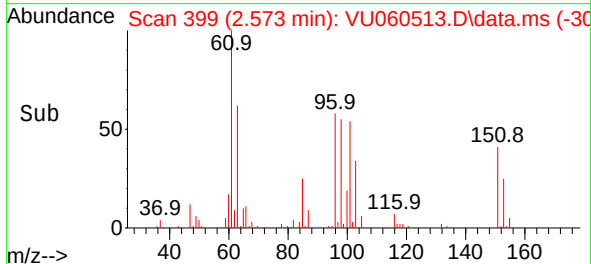
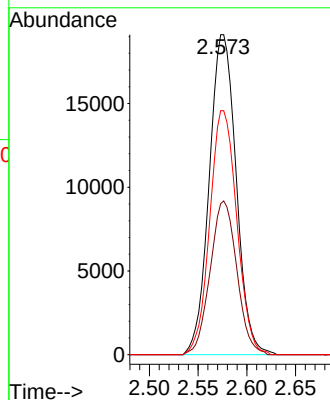
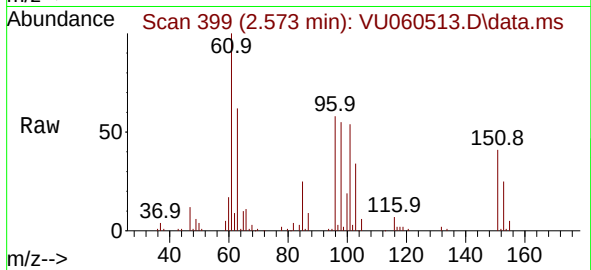




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.119 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060513.D
 Acq: 23 Aug 2024 15:00

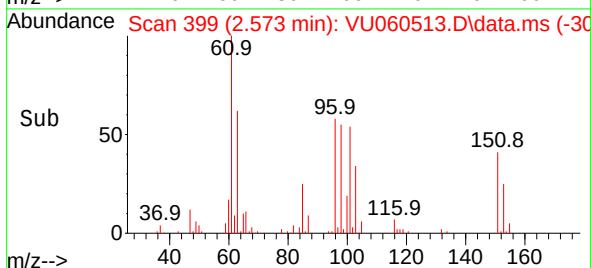
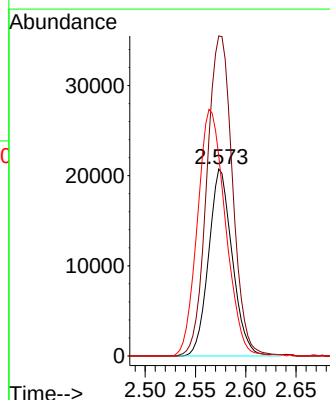
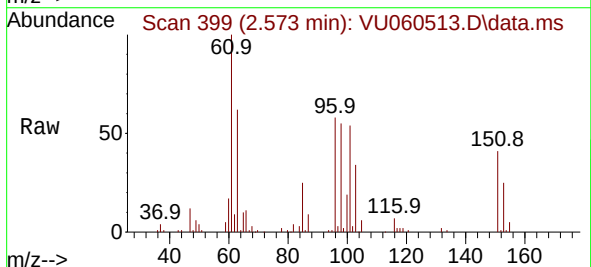
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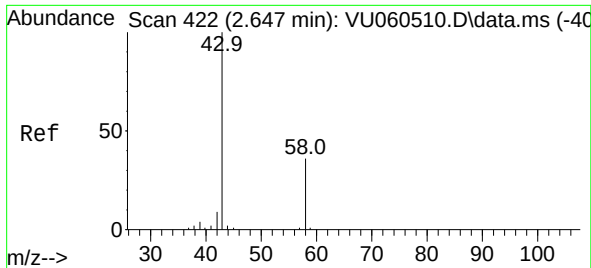
Tgt Ion:101 Resp: 36743
 Ion Ratio Lower Upper
 101 100
 85 47.6 35.8 53.6
 151 76.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.133 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060513.D
 Acq: 23 Aug 2024 15:00

Tgt Ion: 96 Resp: 33930
 Ion Ratio Lower Upper
 96 100
 61 171.2 116.4 216.2
 63 106.9 74.8 139.0





#13

Acetone

Concen: 41.707 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

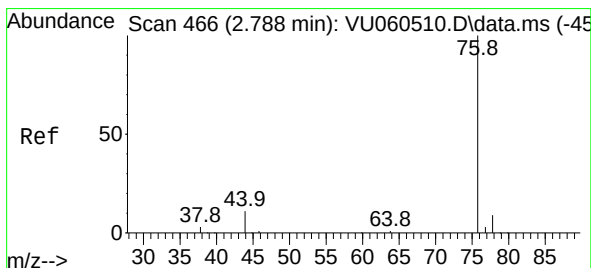
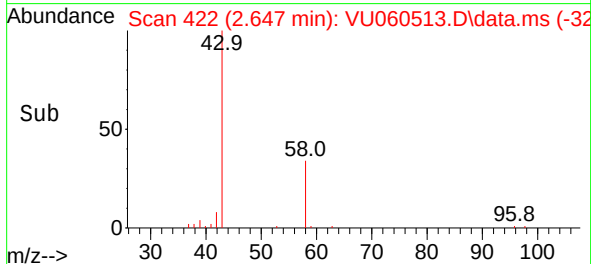
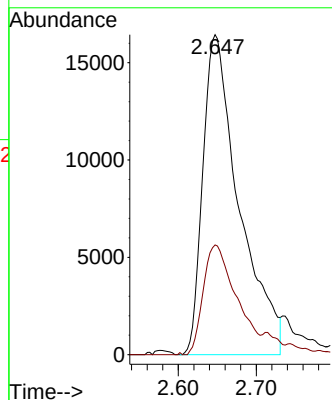
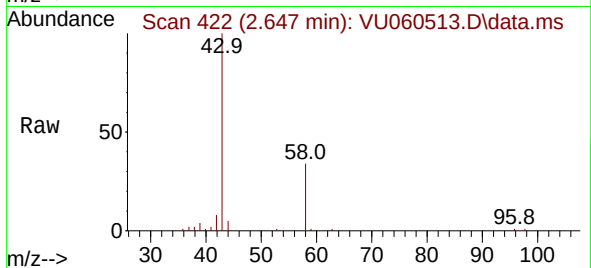
ClientSampleId :

Tgt Ion: 43 Resp: 53098

Ion Ratio Lower Upper

43 100

58 31.3 0.0 66.8



#14

Carbon disulfide

Concen: 4.317 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060513.D

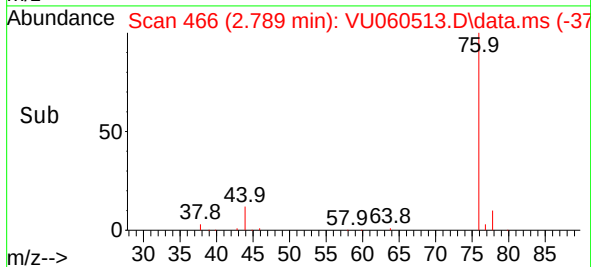
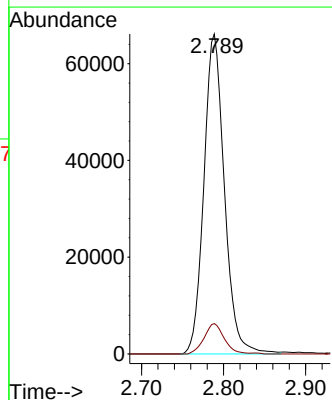
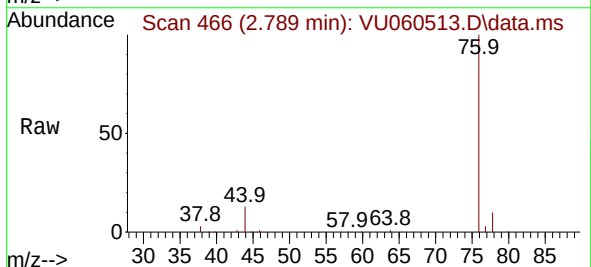
Acq: 23 Aug 2024 15:00

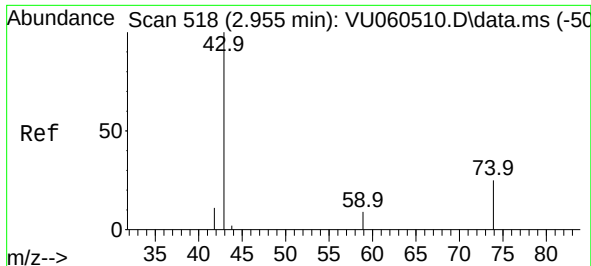
Tgt Ion: 76 Resp: 115007

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 4.827 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.007 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

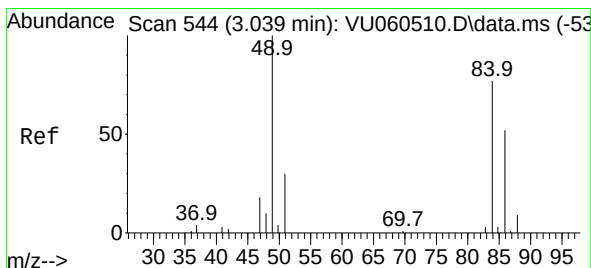
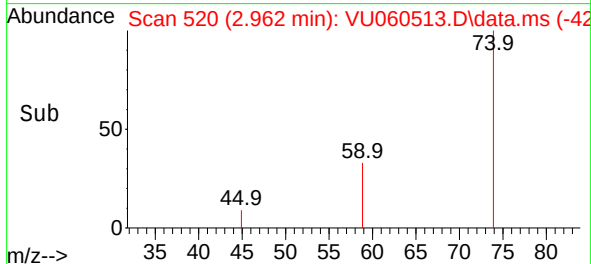
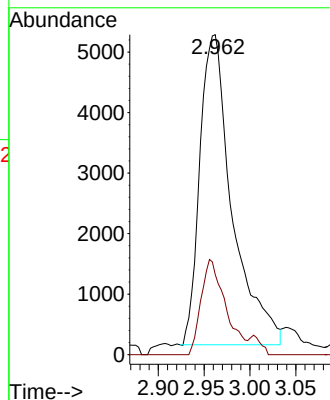
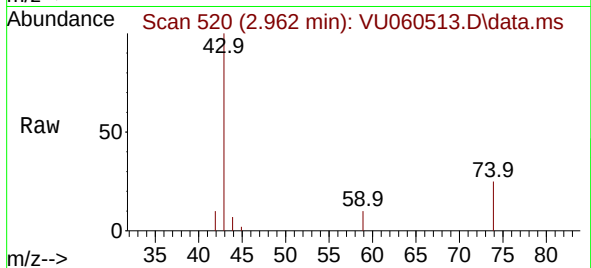
ClientSampleId :

Tgt Ion: 43 Resp: 12566

Ion Ratio Lower Upper

43 100

74 23.4 21.4 32.2



#16

Methylene chloride

Concen: 4.943 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

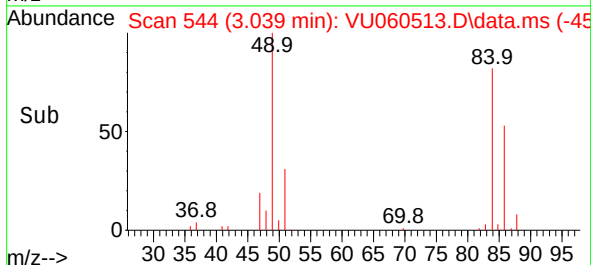
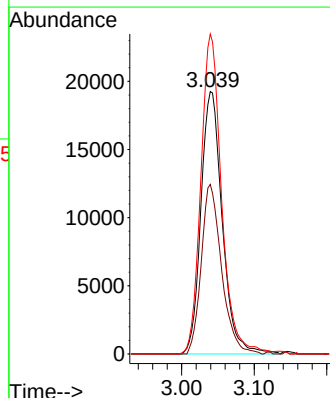
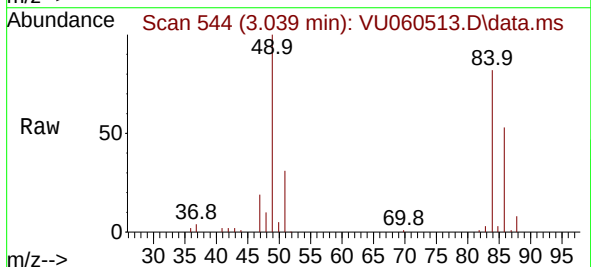
Tgt Ion: 84 Resp: 39416

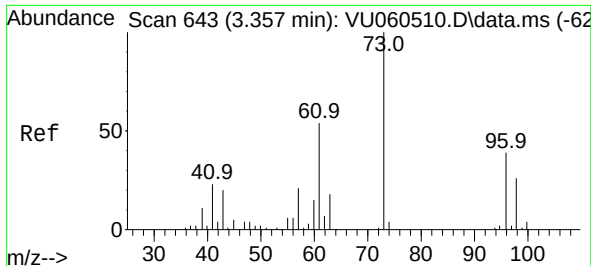
Ion Ratio Lower Upper

84 100

86 64.6 47.5 88.3

49 121.9 94.4 175.2

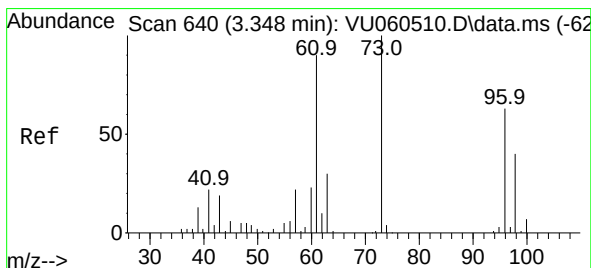
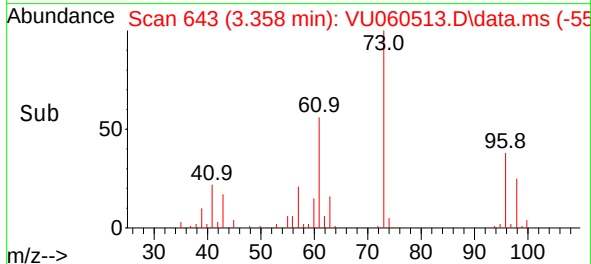
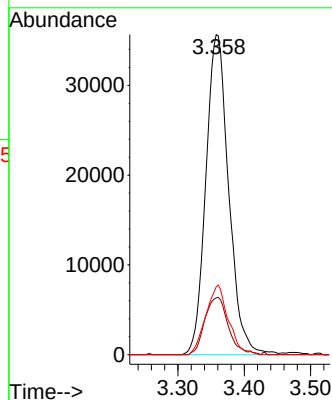
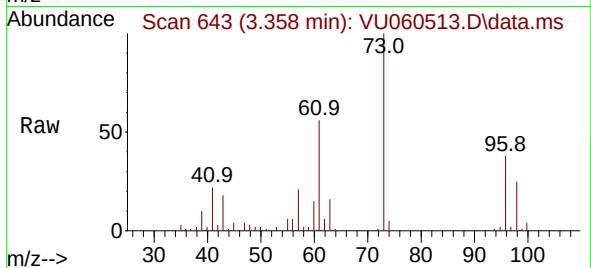




#17
Methyl tert-butyl Ether
Concen: 5.124 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

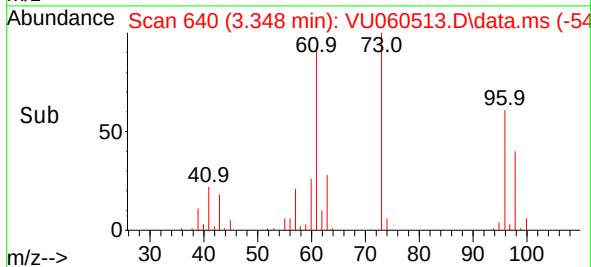
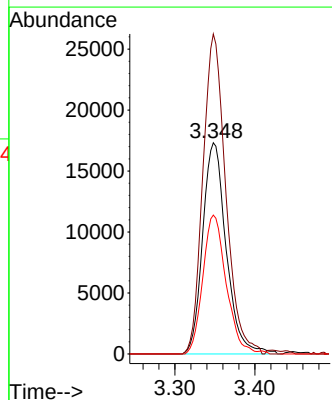
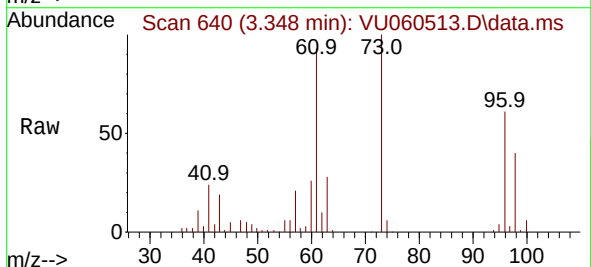
Instrument :
MSVOA_U
ClientSampleId :

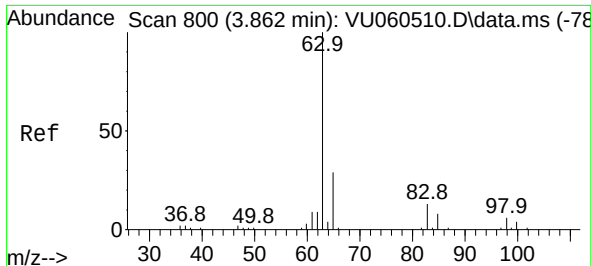
Tgt Ion: 73	Resp:	85369
Ion	Ratio	Lower Upper
73	100	
43	18.4	15.8 23.6
57	21.3	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.963 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 96	Resp:	35475
Ion	Ratio	Lower Upper
96	100	
61	151.5	99.2 184.2
98	65.8	44.0 81.8

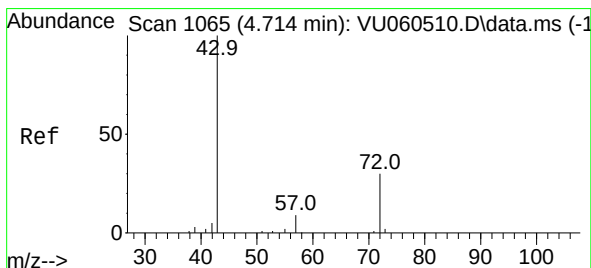
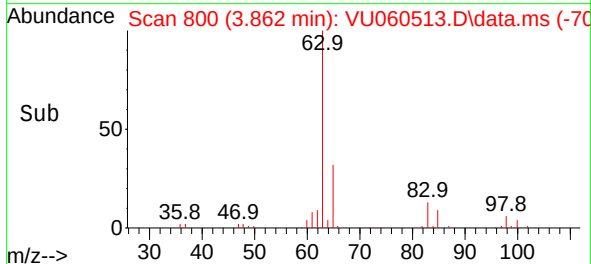
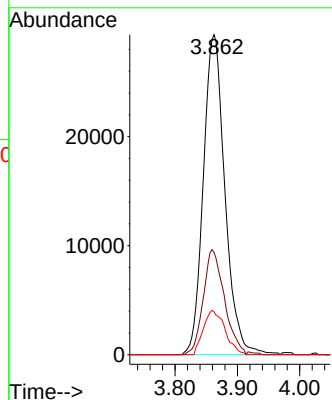
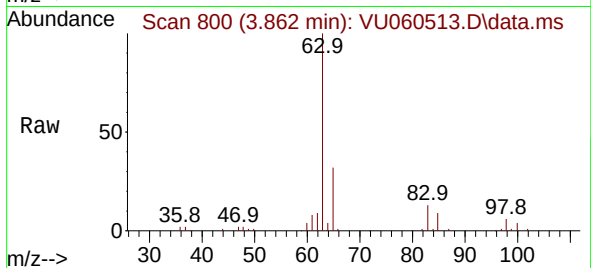




#19
1,1-Dichloroethane
Concen: 4.884 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

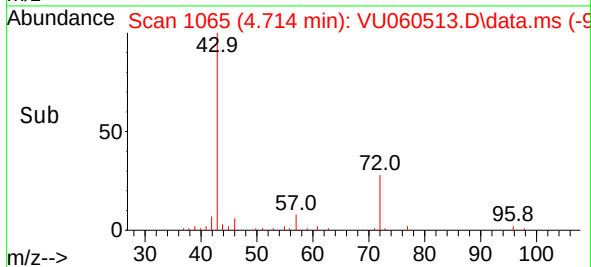
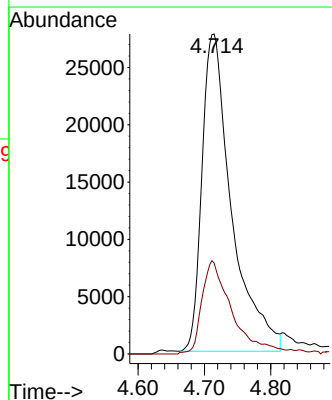
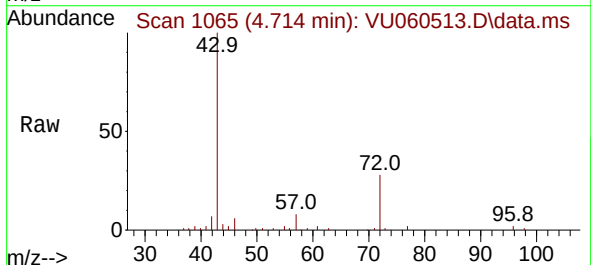
Instrument :
MSVOA_U
ClientSampleId :

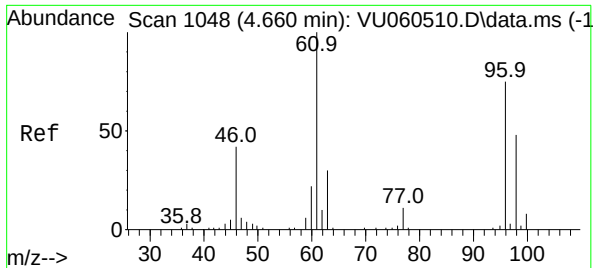
Tgt Ion: 63 Resp: 70736
Ion Ratio Lower Upper
63 100
65 32.8 20.5 38.1
83 13.5 9.2 17.2



#21
2-Butanone
Concen: 49.370 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 43 Resp: 85954
Ion Ratio Lower Upper
43 100
72 29.7 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 4.837 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

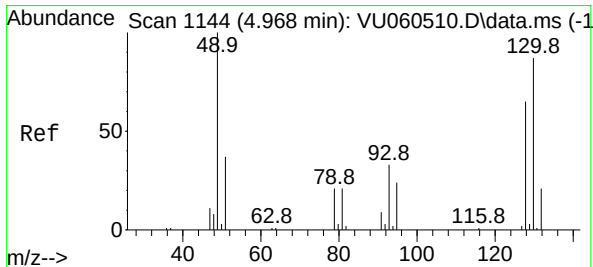
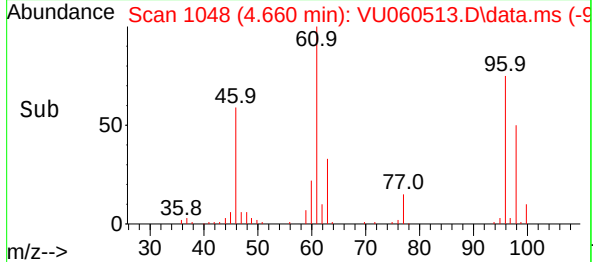
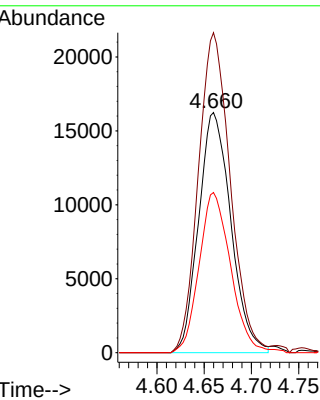
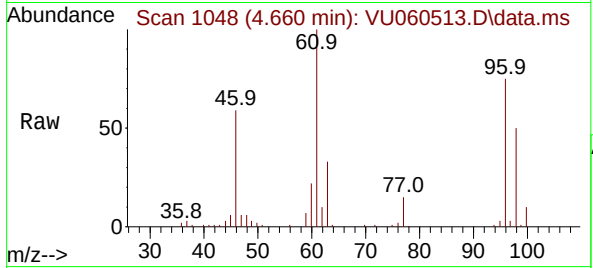
Tgt Ion: 96 Resp: 38521

Ion Ratio Lower Upper

96 100

61 133.2 92.9 172.5

98 66.7 45.0 83.6



#23

Bromochloromethane

Concen: 5.107 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Tgt Ion:128 Resp: 18485

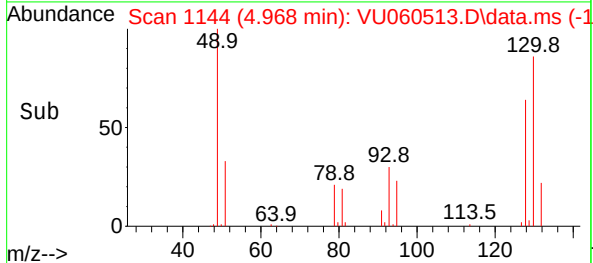
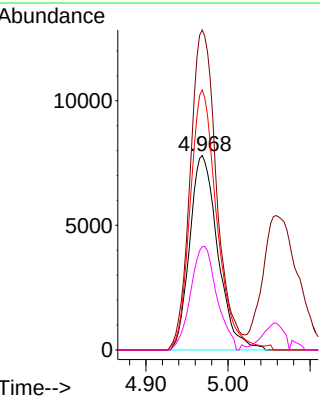
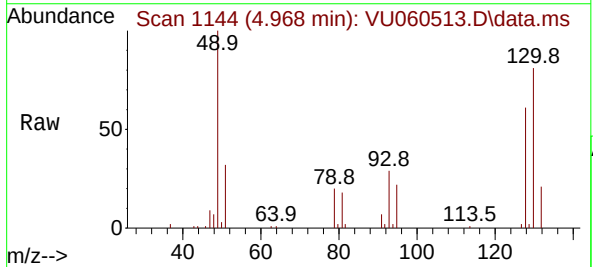
Ion Ratio Lower Upper

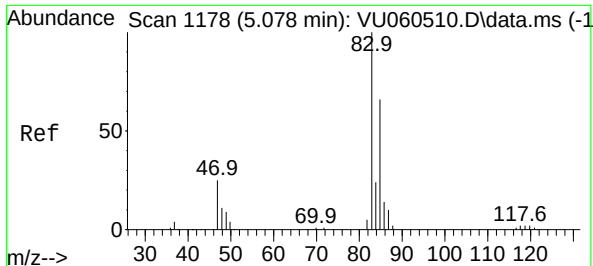
128 100

49 164.6 108.1 200.7

130 133.7 93.1 172.9

51 53.1 45.0 67.4





#25

Chloroform

Concen: 4.934 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

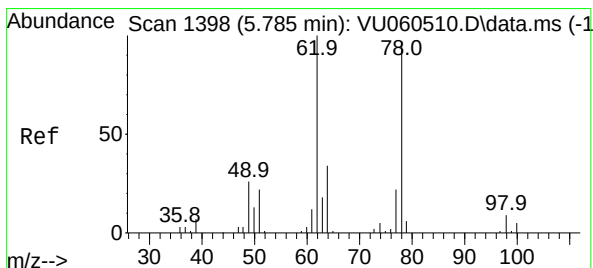
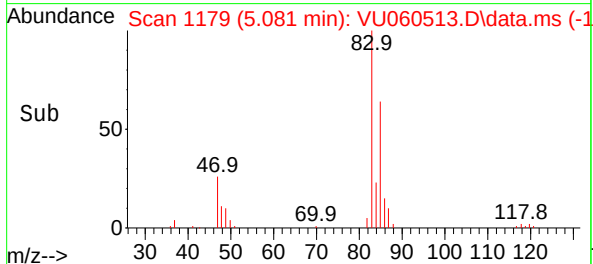
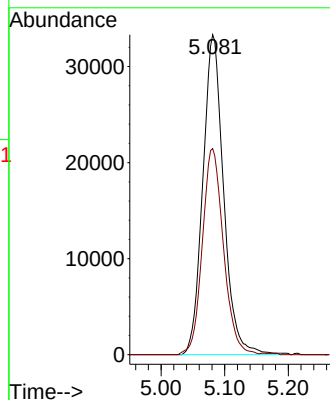
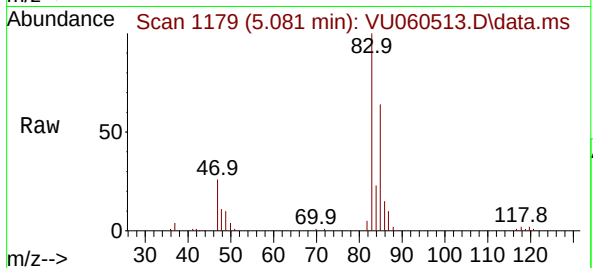
ClientSampleId :

Tgt Ion: 83 Resp: 75630

Ion Ratio Lower Upper

83 100

85 64.4 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.828 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060513.D

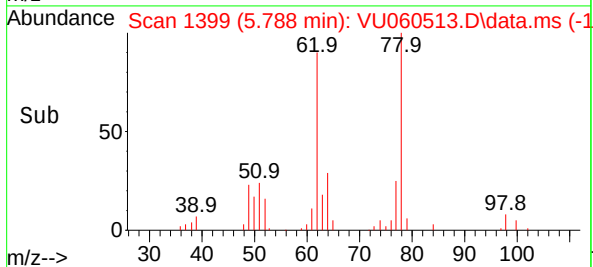
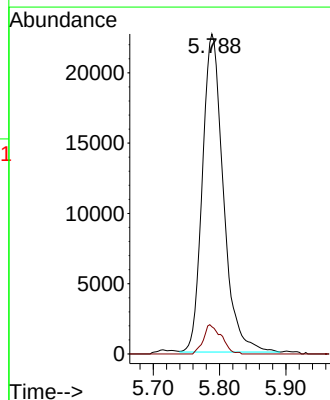
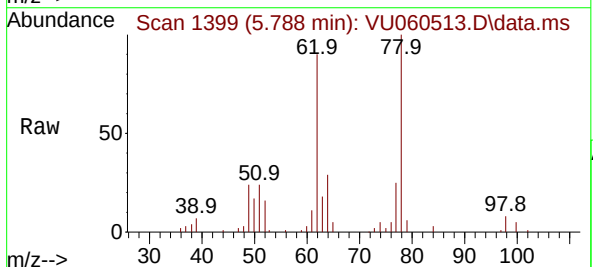
Acq: 23 Aug 2024 15:00

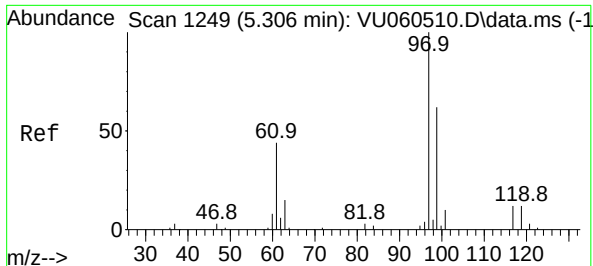
Tgt Ion: 62 Resp: 49676

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4

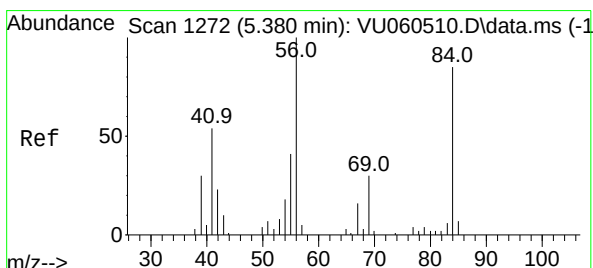
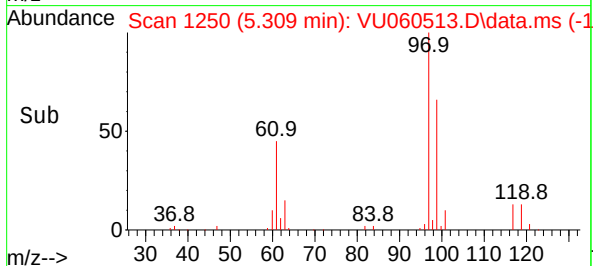
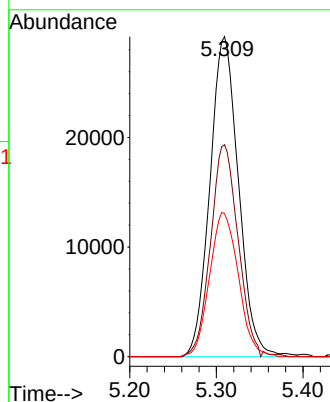
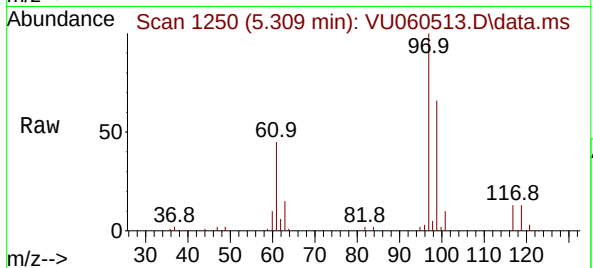




#29
1,1,1-Trichloroethane
Concen: 4.898 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

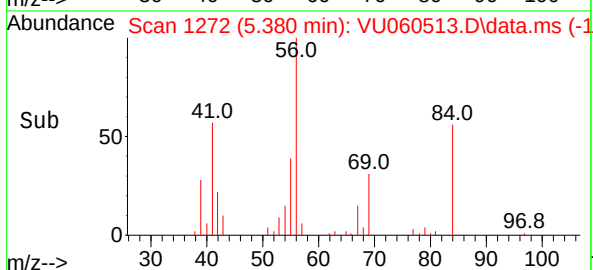
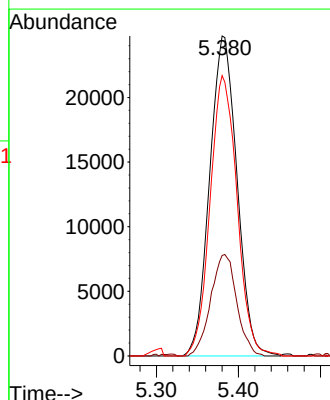
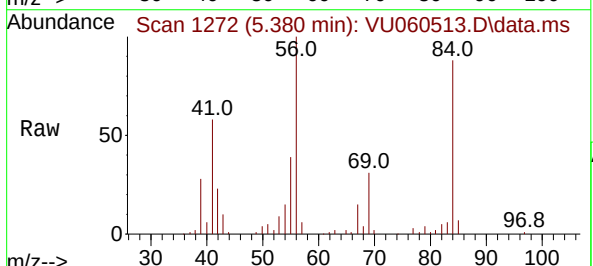
Instrument :
MSVOA_U
ClientSampleId :

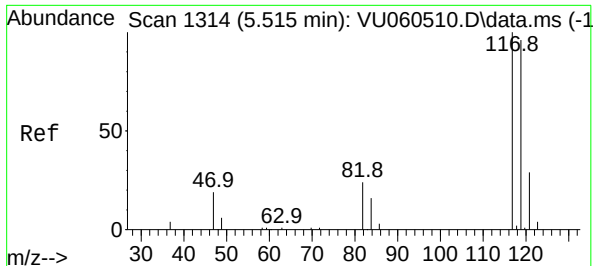
Tgt Ion: 97 Resp: 66773
Ion Ratio Lower Upper
97 100
99 64.2 49.7 74.5
61 45.5 35.4 53.2



#30
Cyclohexane
Concen: 5.074 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 56 Resp: 57274
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 86.4 69.7 104.5

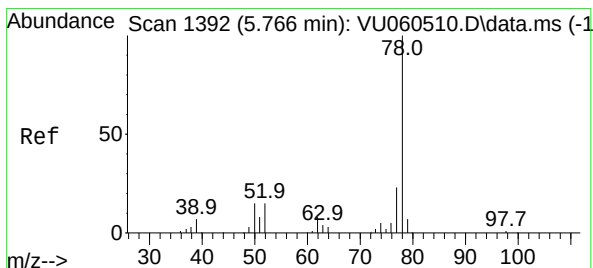
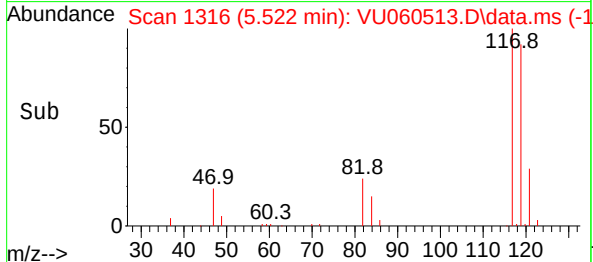
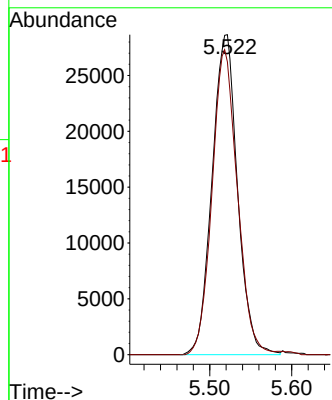
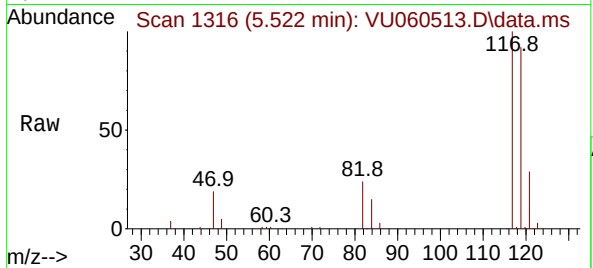




#31
Carbon tetrachloride
Concen: 4.906 ug/L
RT: 5.522 min Scan# 1314
Delta R.T. 0.007 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

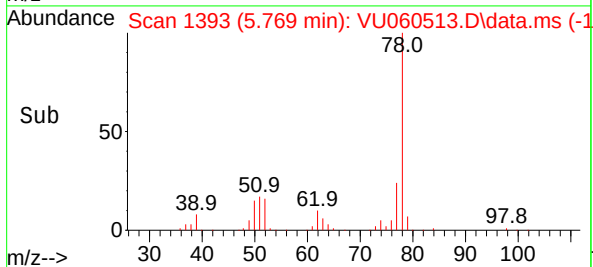
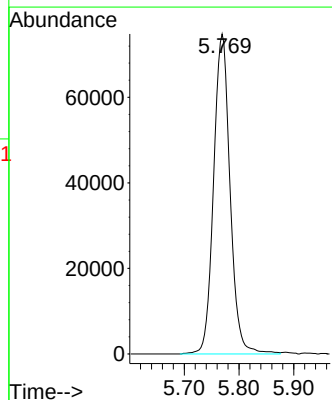
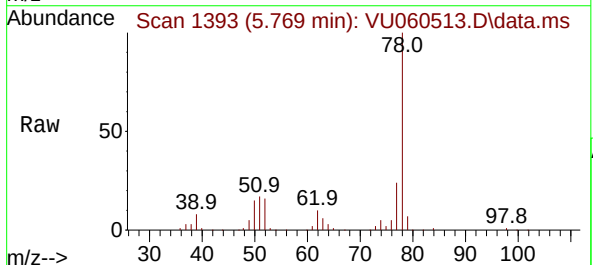
Instrument :
MSVOA_U
ClientSampleId :

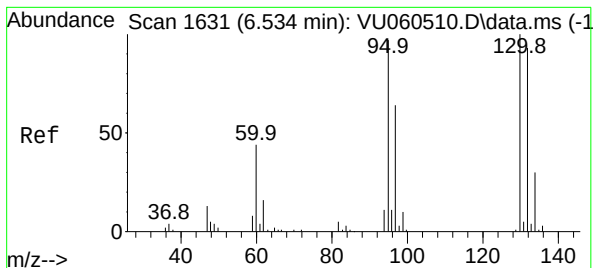
Tgt Ion:117 Resp: 61822
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 4.959 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 78 Resp: 156550





#34

Trichloroethene

Concen: 5.027 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 43018

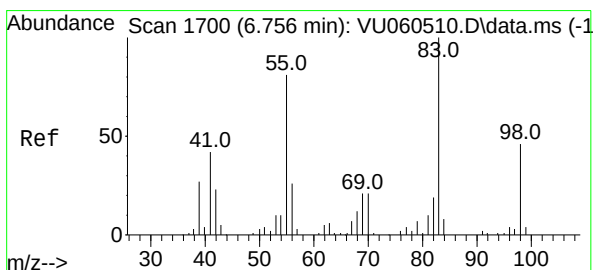
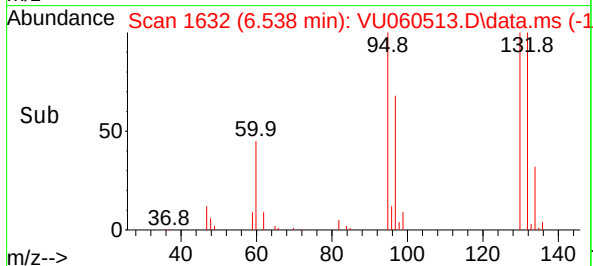
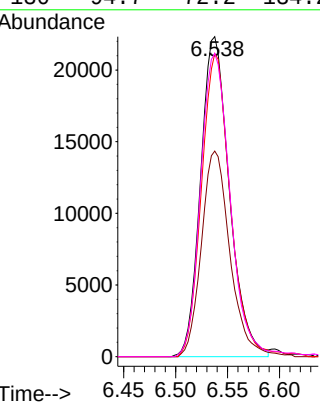
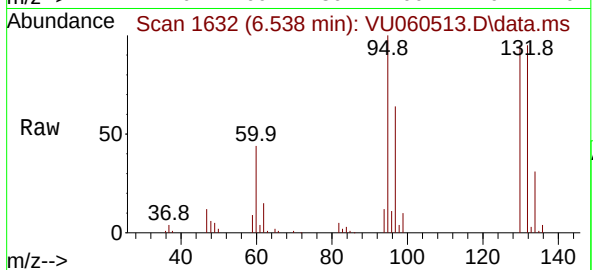
Ion Ratio Lower Upper

95 100

97 64.3 45.8 85.2

132 94.7 67.4 125.2

130 94.7 72.2 134.2



#35

Methylcyclohexane

Concen: 5.224 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

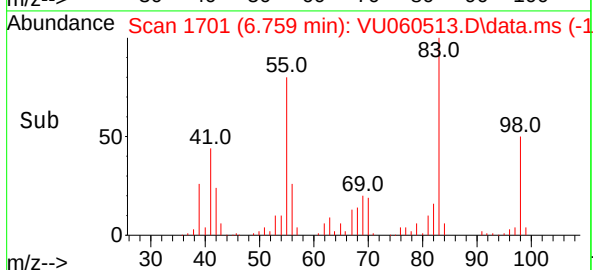
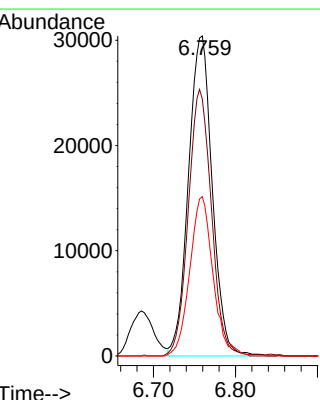
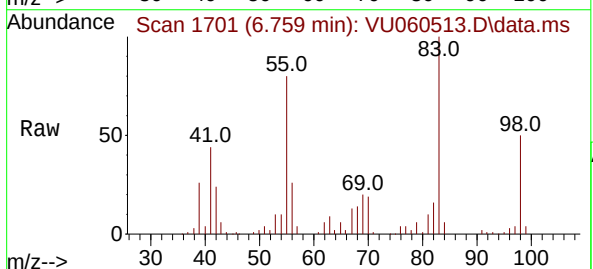
Tgt Ion: 83 Resp: 61334

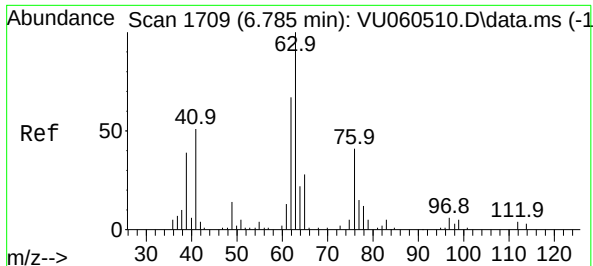
Ion Ratio Lower Upper

83 100

55 80.8 65.8 98.8

98 48.5 37.8 56.8

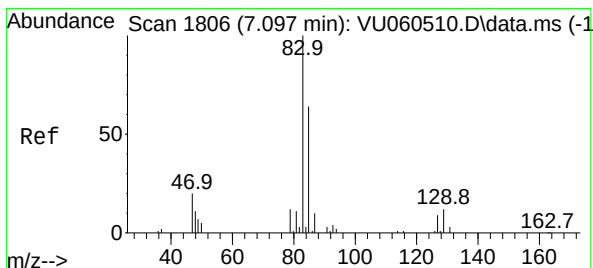
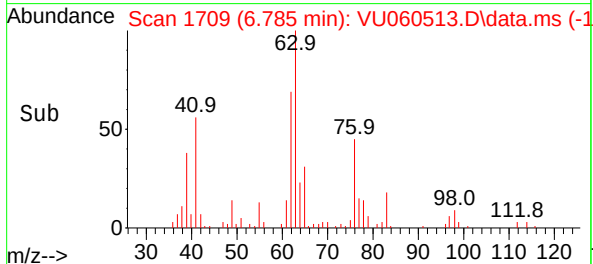
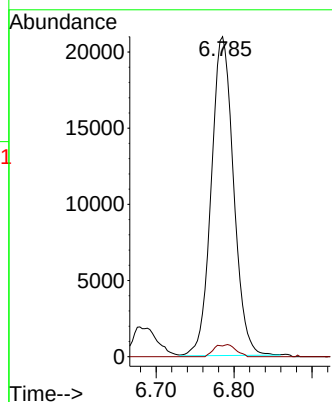
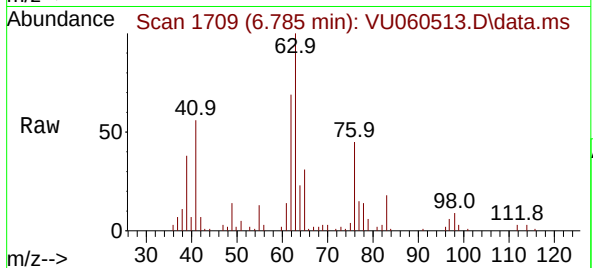




#37
1,2-Dichloropropane
Concen: 5.149 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

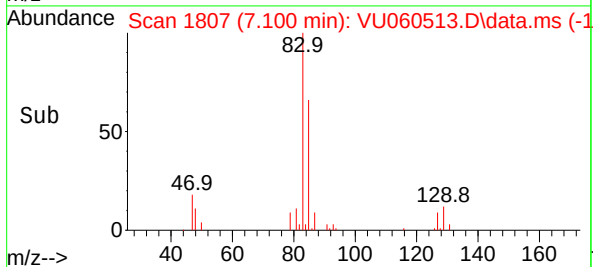
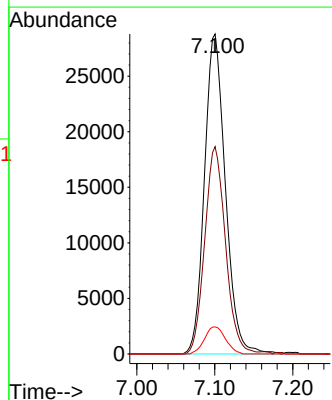
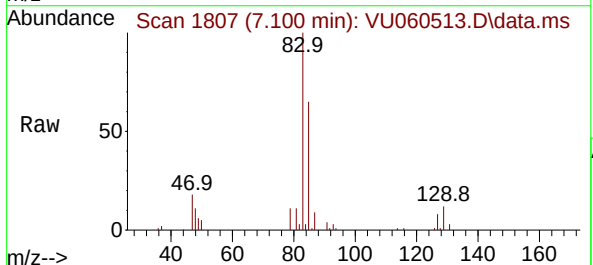
Instrument :
MSVOA_U
ClientSampleId :

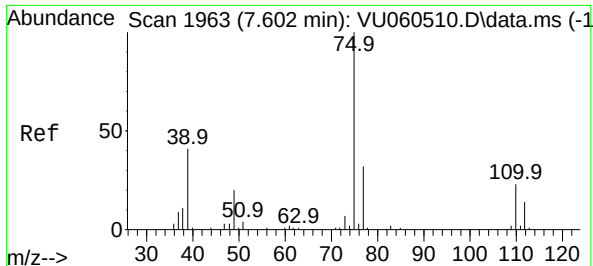
Tgt Ion: 63 Resp: 41653
Ion Ratio Lower Upper
63 100
112 3.7 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.055 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 83 Resp: 53739
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.5
127 8.4 7.3 10.9

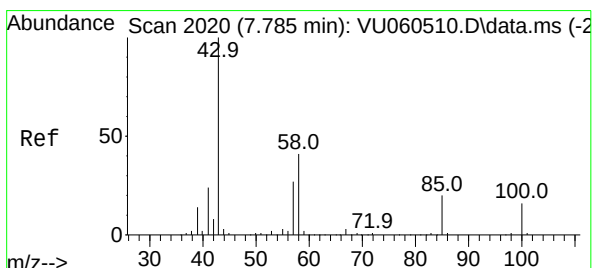
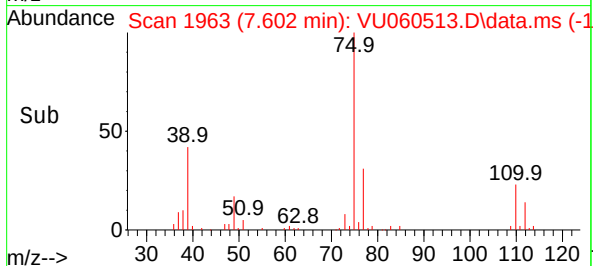
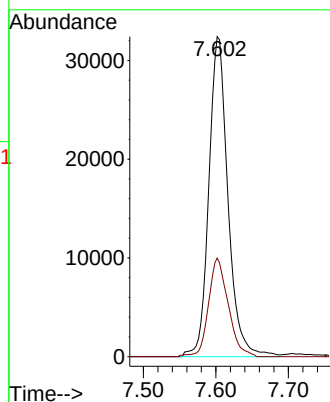
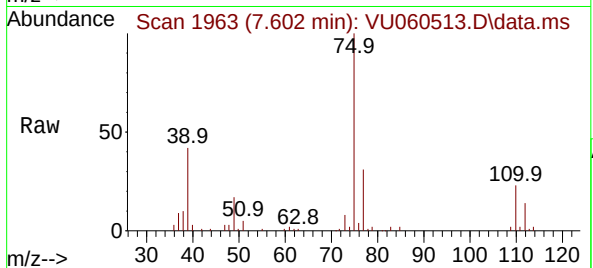




#39
cis-1,3-Dichloropropene
Concen: 5.015 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

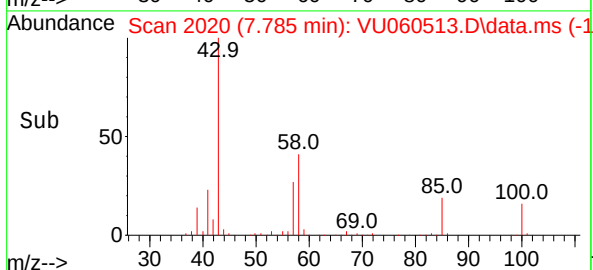
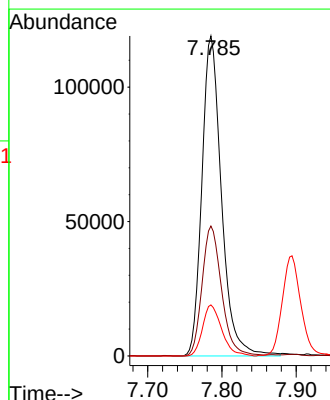
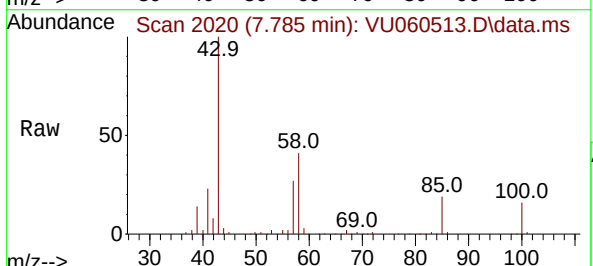
Instrument :
MSVOA_U
ClientSampleId :

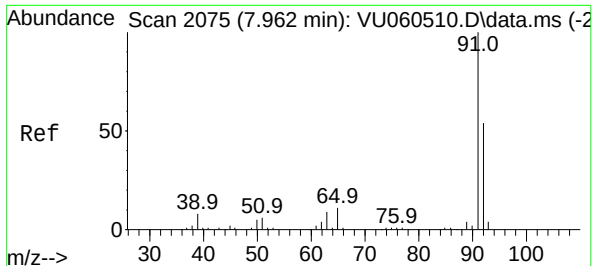
Tgt Ion: 75 Resp: 59485
Ion Ratio Lower Upper
75 100
77 30.8 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 51.762 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion: 43 Resp: 218082
Ion Ratio Lower Upper
43 100
58 40.5 32.5 48.7
100 15.6 12.5 18.7





#42

Toluene

Concen: 5.187 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

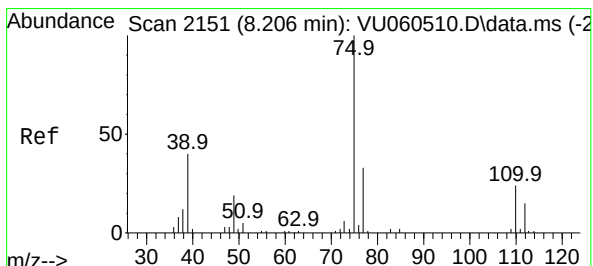
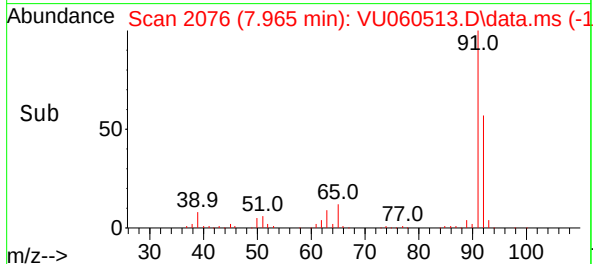
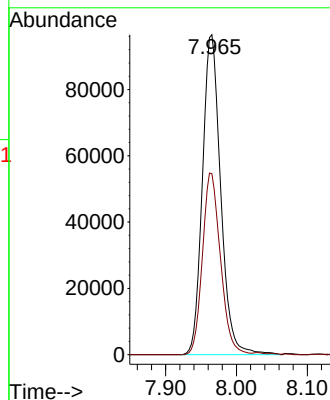
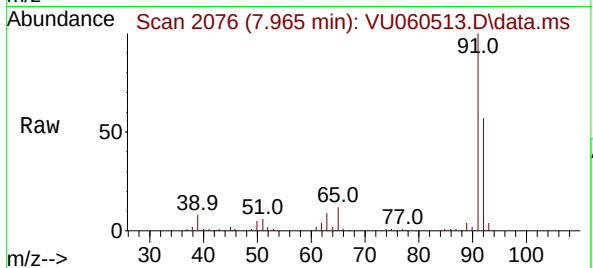
ClientSampleId :

Tgt Ion: 91 Resp: 173063

Ion Ratio Lower Upper

91 100

92 56.5 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.332 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060513.D

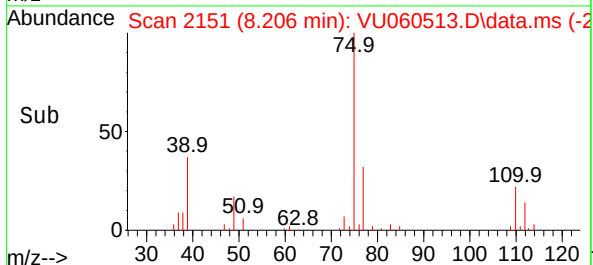
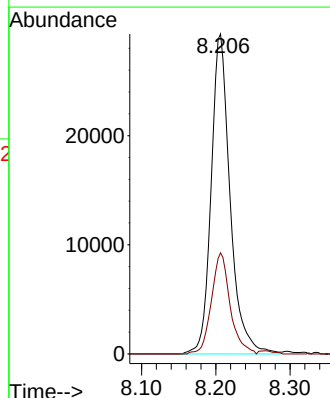
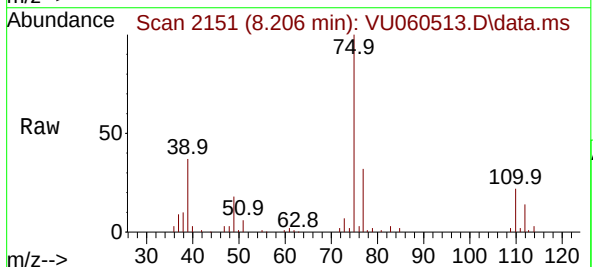
Acq: 23 Aug 2024 15:00

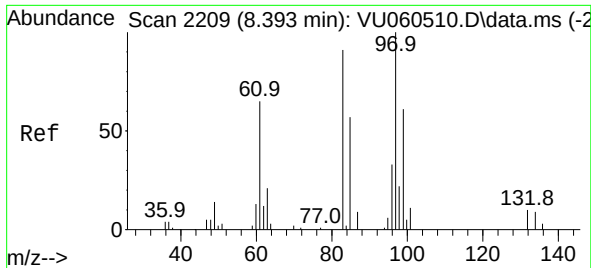
Tgt Ion: 75 Resp: 51923

Ion Ratio Lower Upper

75 100

77 31.6 23.4 43.6

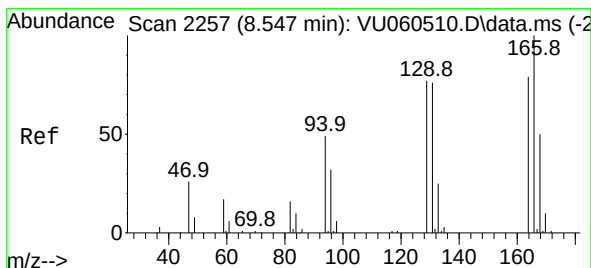
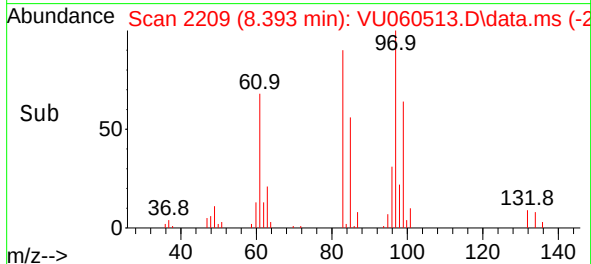
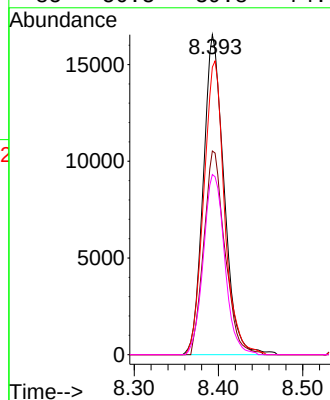
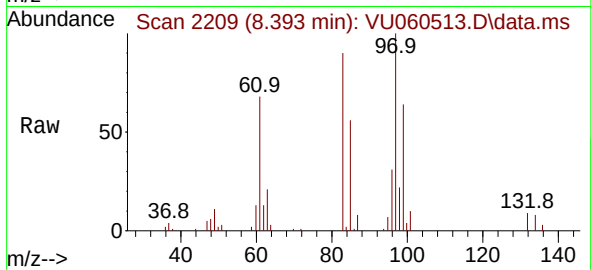




#45
1,1,2-Trichloroethane
Concen: 4.850 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

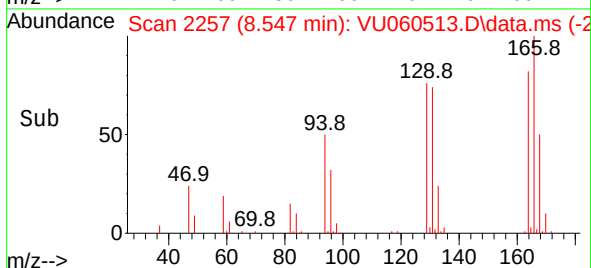
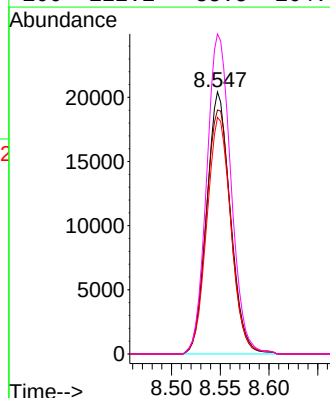
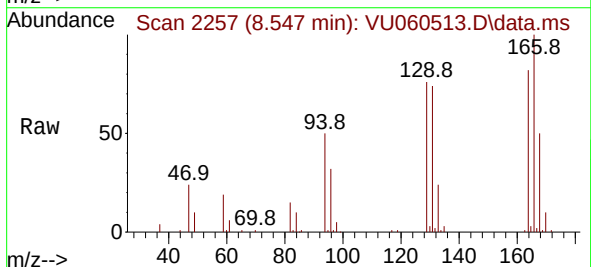
Instrument :
MSVOA_U
ClientSampleId :

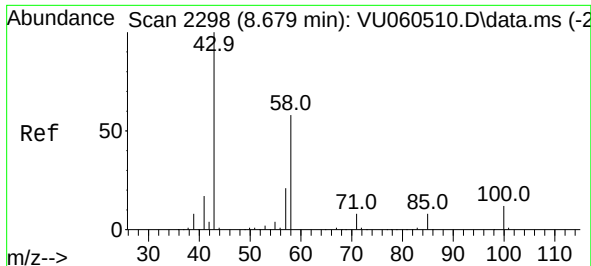
Tgt Ion:	97	Resp:	28422
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.4	78.8
83	89.9	64.0	119.0
85	56.3	39.8	74.0



#47
Tetrachloroethene
Concen: 4.919 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:	164	Resp:	34506
Ion	Ratio	Lower	Upper
164	100		
129	93.1	67.8	125.8
131	90.3	67.2	124.8
166	122.1	88.5	164.4





#48

2-Hexanone

Concen: 51.193 ug/L

RT: 8.679 min Scan# 21

Delta R.T. 0.000 min

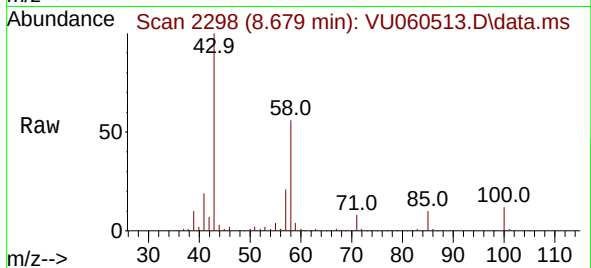
Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 161416

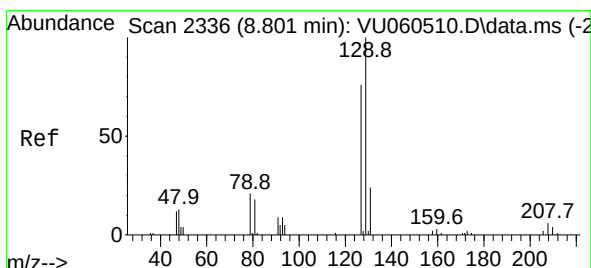
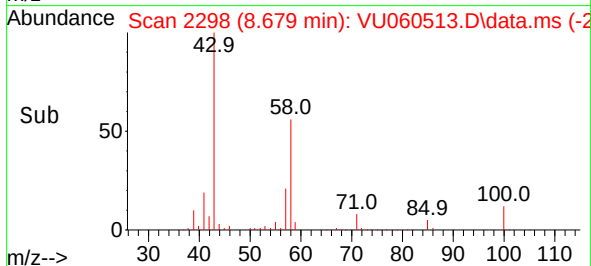
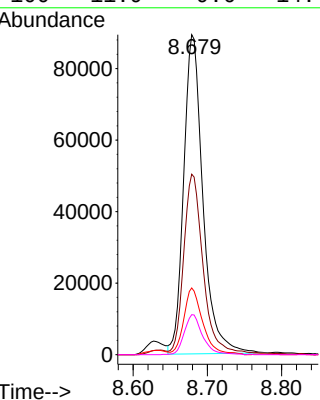
Ion Ratio Lower Upper

43 100

58 56.7 45.6 68.4

57 20.5 15.6 23.4

100 11.9 9.6 14.4



#49

Dibromochloromethane

Concen: 5.098 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060513.D

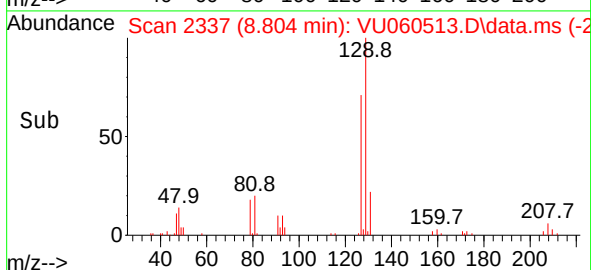
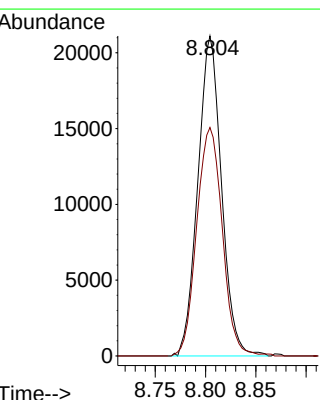
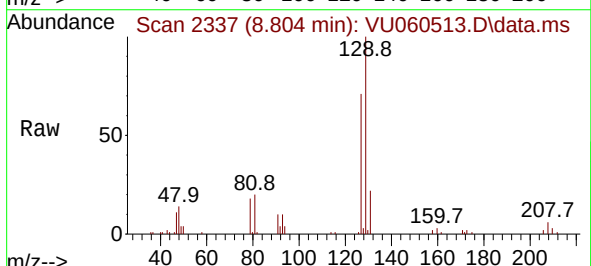
Acq: 23 Aug 2024 15:00

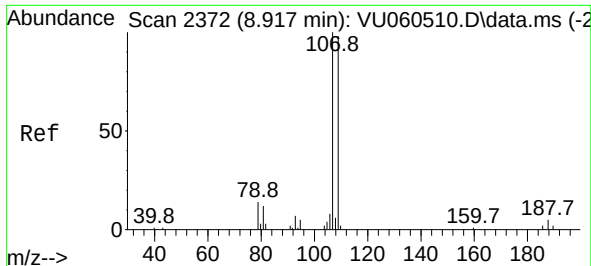
Tgt Ion: 129 Resp: 34590

Ion Ratio Lower Upper

129 100

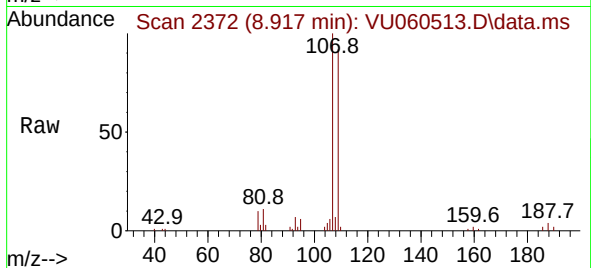
127 71.4 53.0 98.4



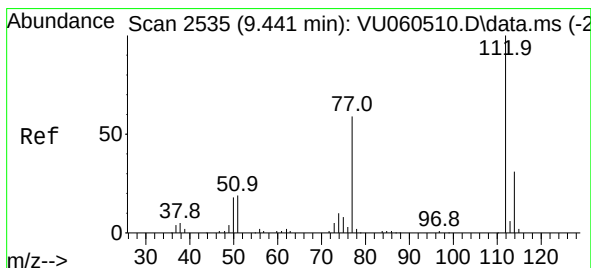
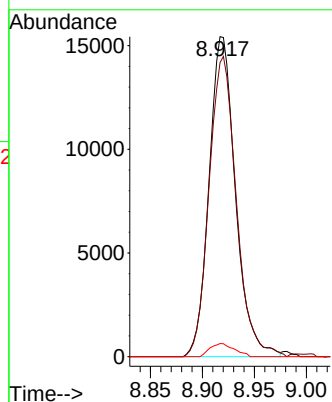
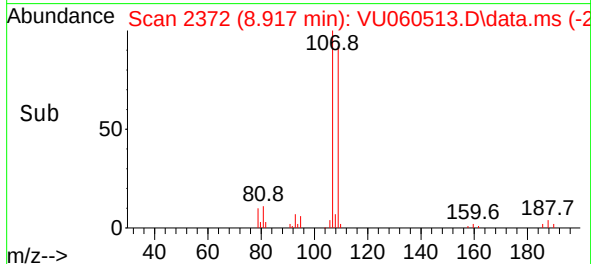


#50
1,2-Dibromoethane
Concen: 5.077 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Instrument :
MSVOA_U
ClientSampleId :

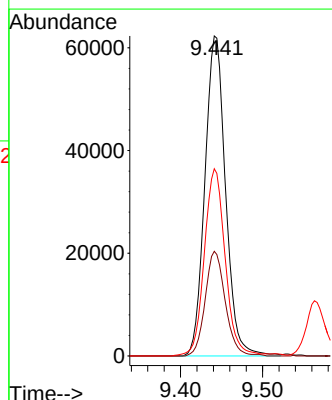
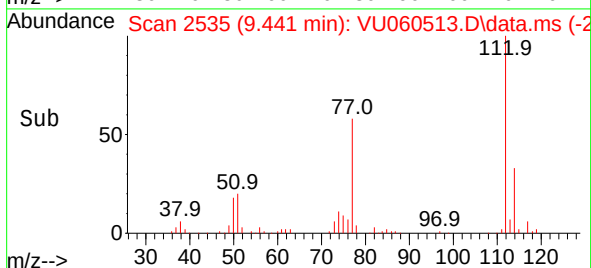
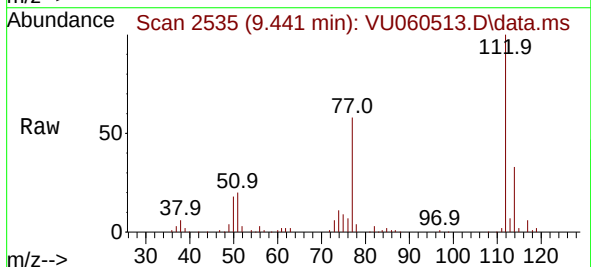


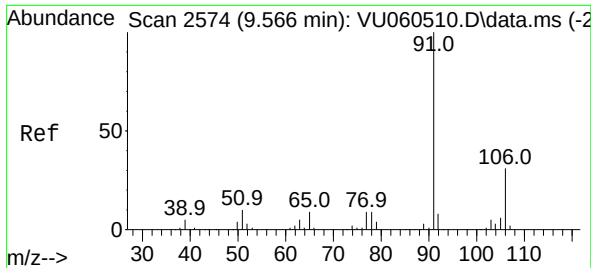
Tgt Ion:107 Resp: 27316
Ion Ratio Lower Upper
107 100
109 91.9 68.5 127.3
188 4.1 3.9 5.9



#51
Chlorobenzene
Concen: 5.068 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:112 Resp: 109453
Ion Ratio Lower Upper
112 100
114 32.7 21.9 40.7
77 58.5 47.4 71.2

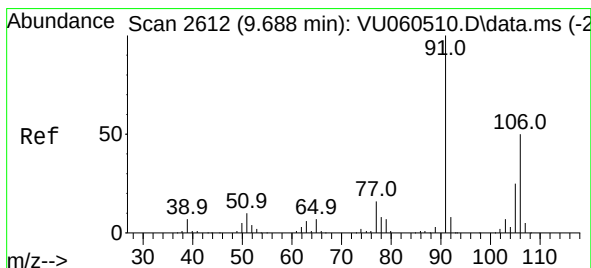
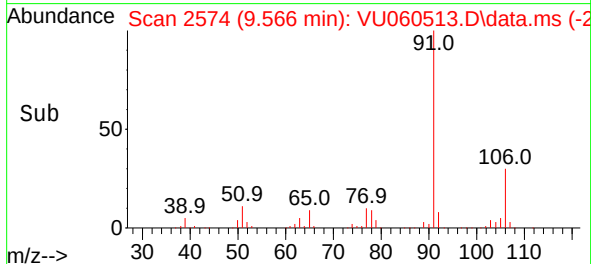
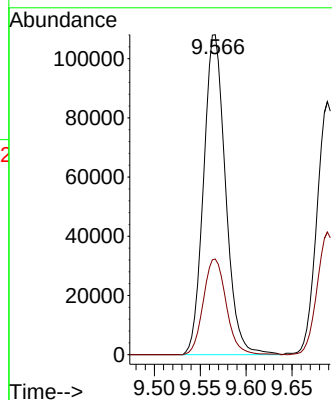
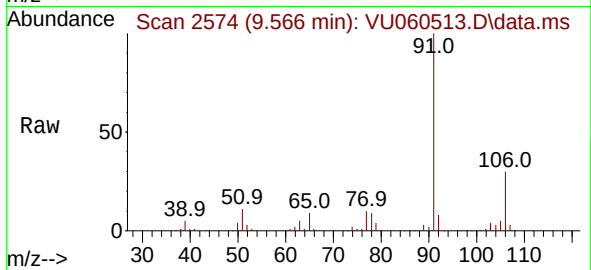




#52
Ethylbenzene
Concen: 5.101 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

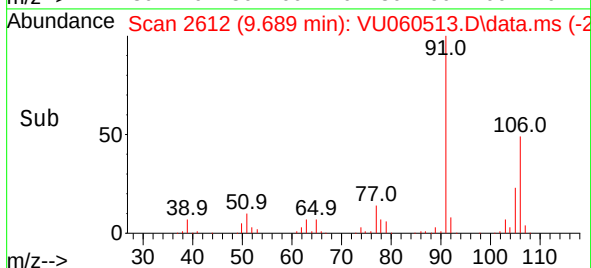
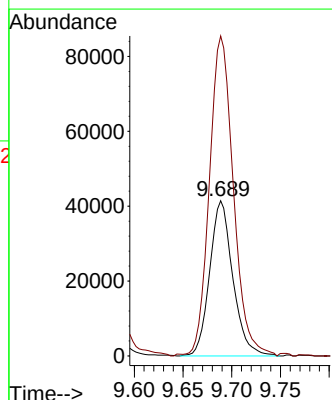
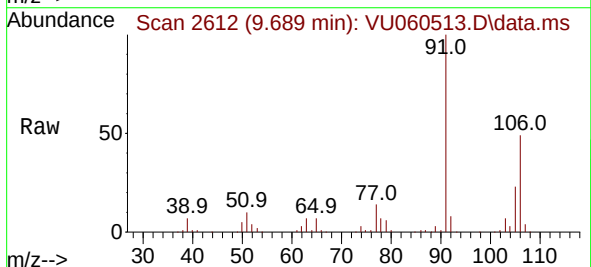
Instrument :
MSVOA_U
ClientSampleId :

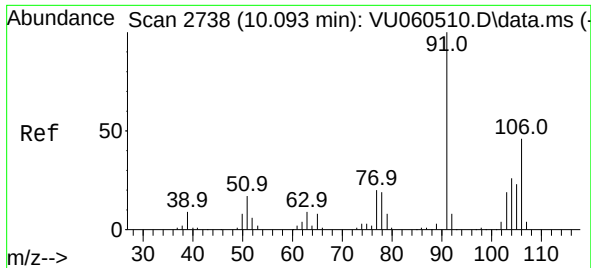
Tgt Ion: 91 Resp: 180355
Ion Ratio Lower Upper
91 100
106 29.9 21.9 40.7



#53
m,p-Xylene
Concen: 5.216 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:106 Resp: 68556
Ion Ratio Lower Upper
106 100
91 206.1 141.5 262.9

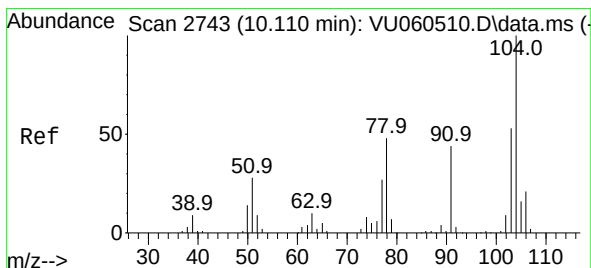
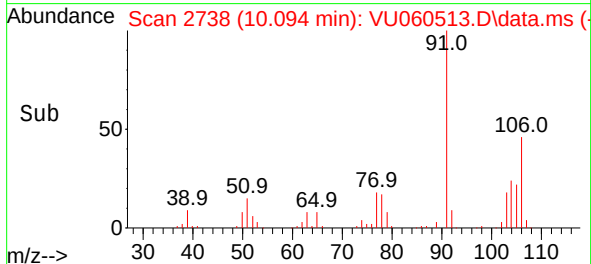
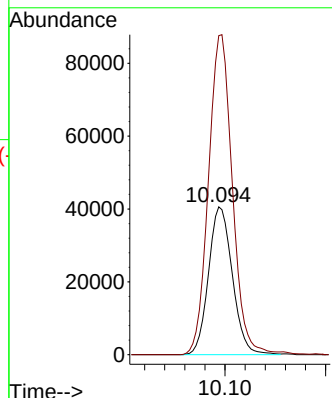
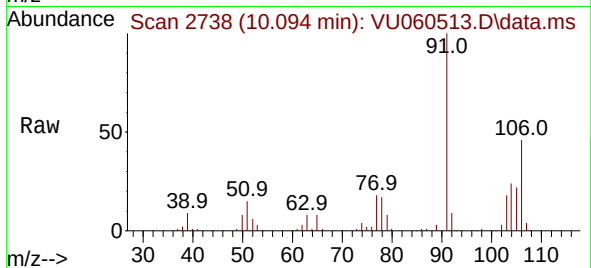




#54
o-Xylene
Concen: 4.970 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

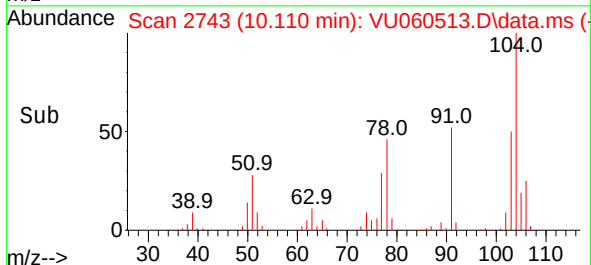
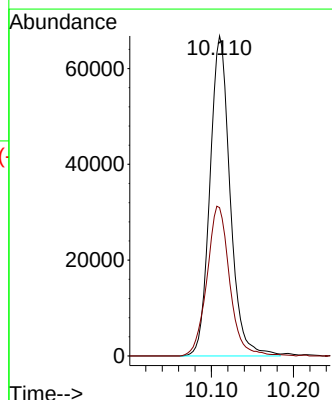
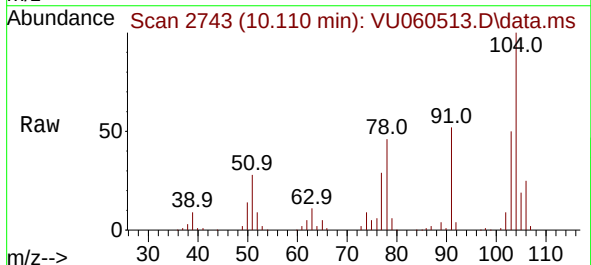
Instrument :
MSVOA_U
ClientSampleId :

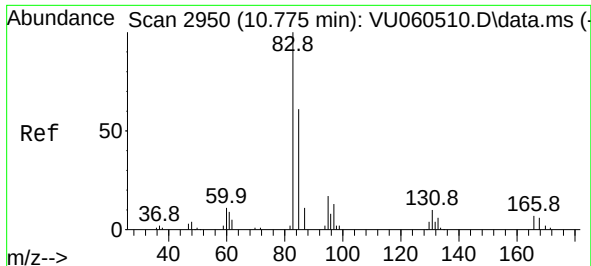
Tgt Ion:106 Resp: 66875
Ion Ratio Lower Upper
106 100
91 215.7 151.1 280.7



#55
Styrene
Concen: 5.198 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:104 Resp: 114600
Ion Ratio Lower Upper
104 100
78 46.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.681 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060513.D

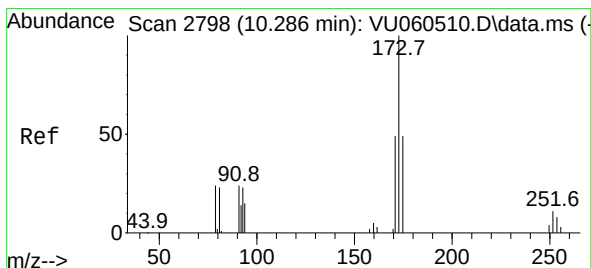
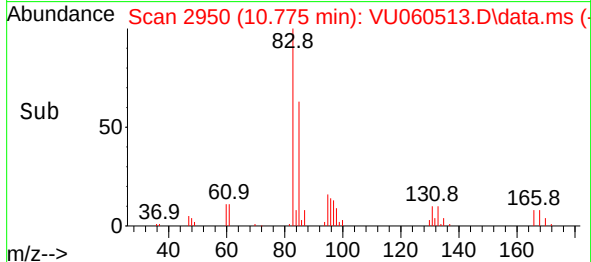
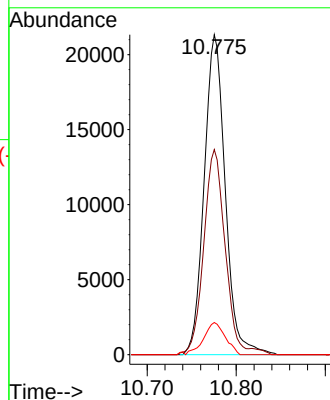
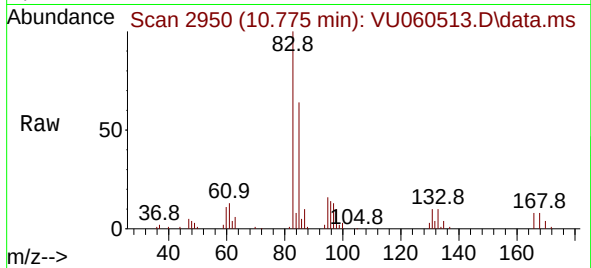
Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	35025
Ion	Ratio	Lower	Upper
83	100		
85	64.1	43.3	80.5
131	10.0	8.9	13.3



#59

Bromoform

Concen: 5.039 ug/L

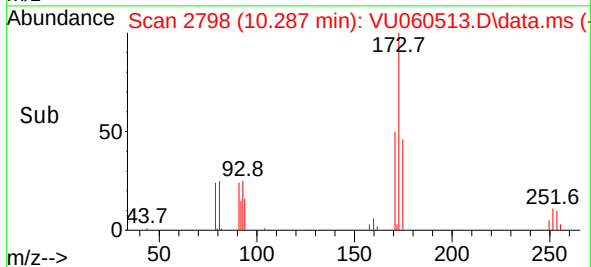
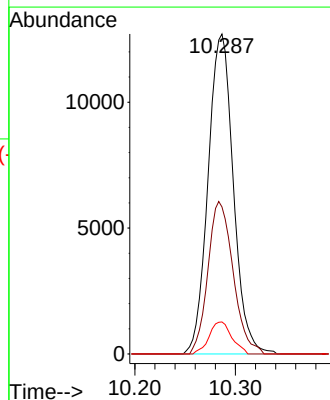
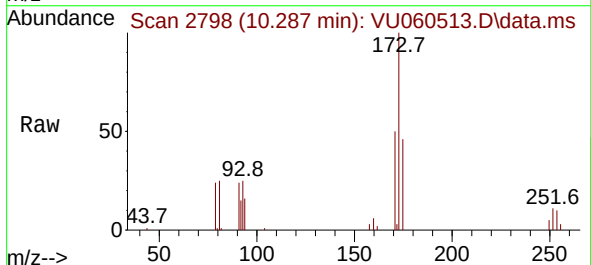
RT: 10.287 min Scan# 2798

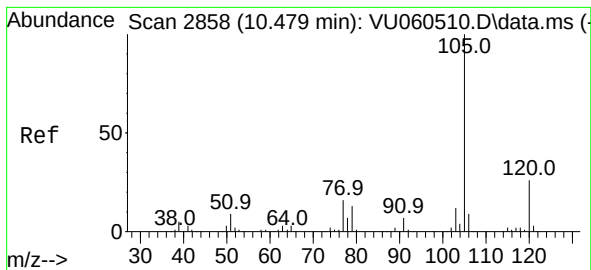
Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Tgt Ion:	173	Resp:	22193
Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.8	59.8
254	9.0	8.2	12.2





#60

Isopropylbenzene

Concen: 5.046 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

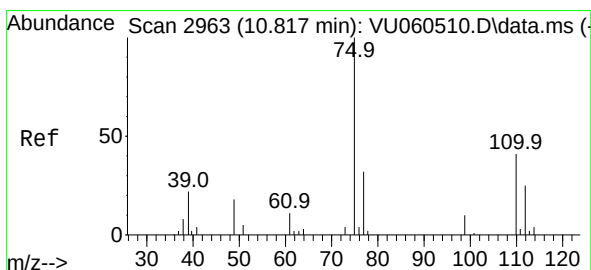
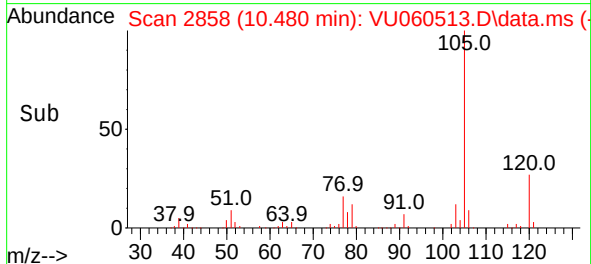
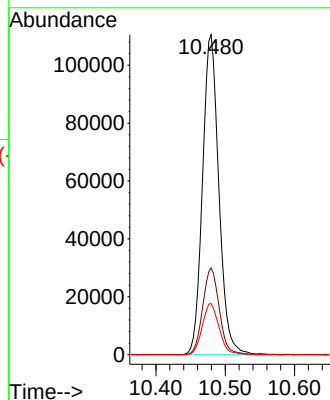
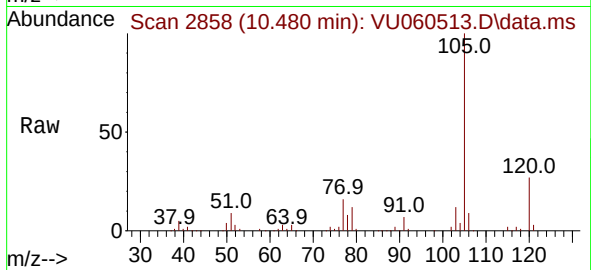
Tgt Ion:105 Resp: 180682

Ion Ratio Lower Upper

105 100

120 27.4 21.0 31.4

77 16.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.767 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

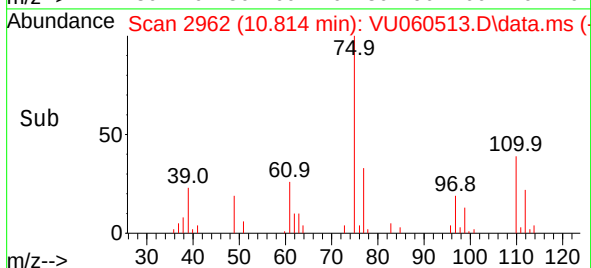
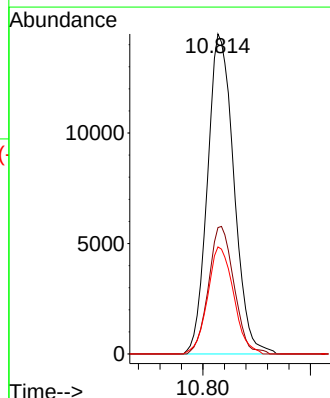
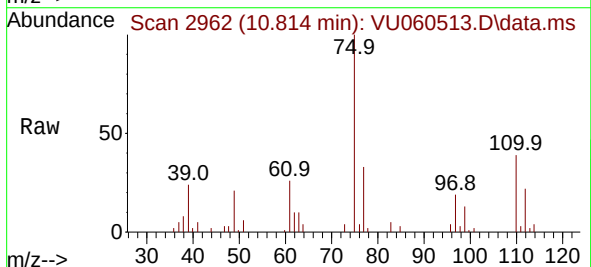
Tgt Ion: 75 Resp: 24644

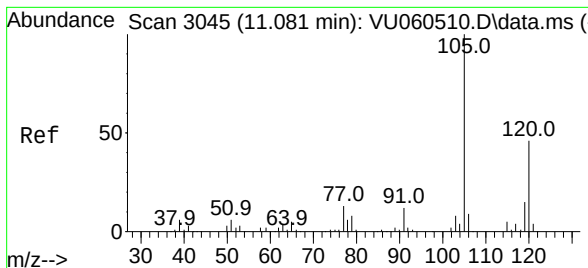
Ion Ratio Lower Upper

75 100

110 38.5 30.2 45.4

77 33.0 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.320 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

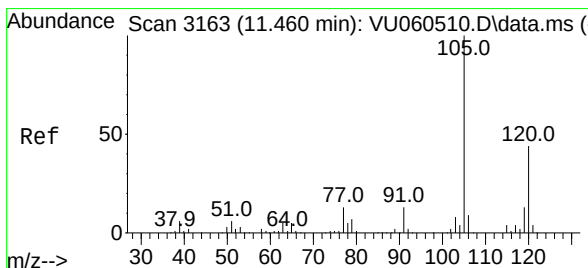
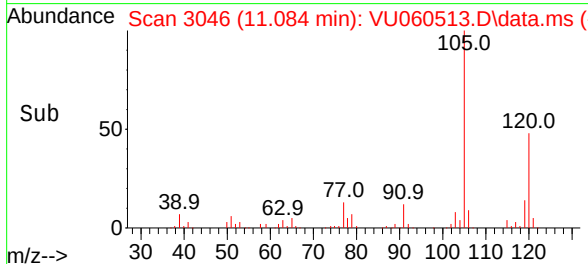
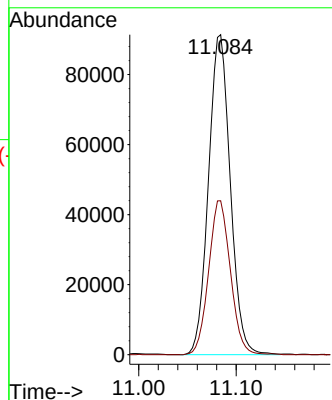
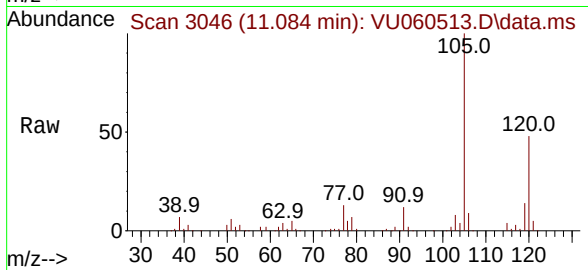
ClientSampleId :

Tgt Ion:105 Resp: 141963

Ion Ratio Lower Upper

105 100

120 48.1 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.253 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060513.D

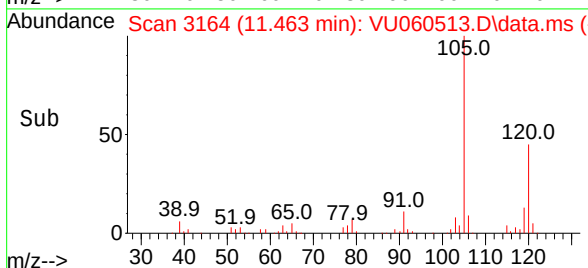
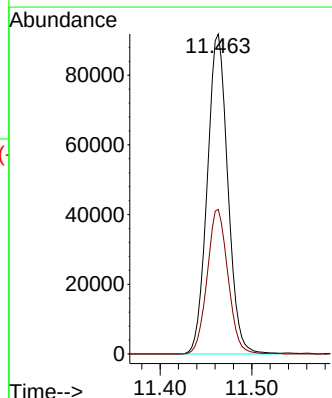
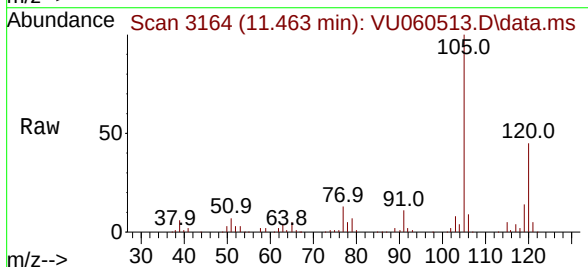
Acq: 23 Aug 2024 15:00

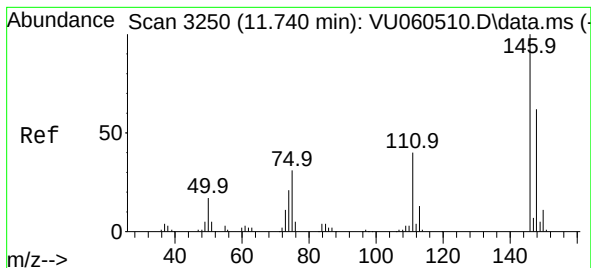
Tgt Ion:105 Resp: 142987

Ion Ratio Lower Upper

105 100

120 45.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.108 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

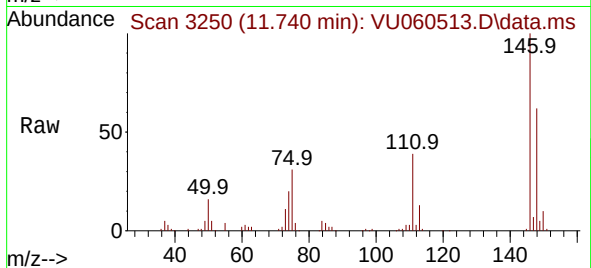
Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



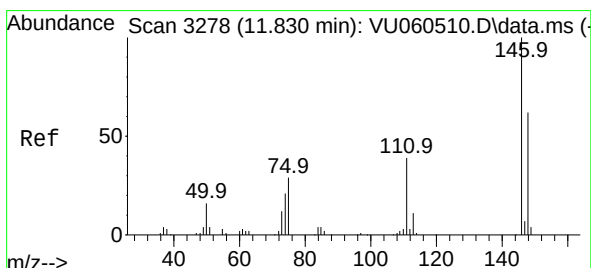
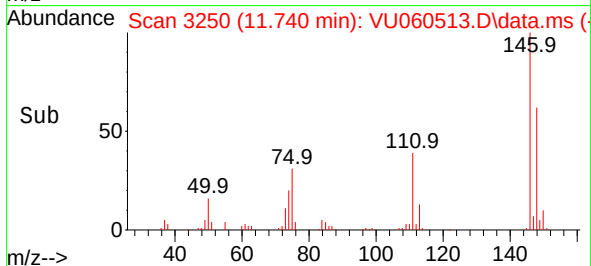
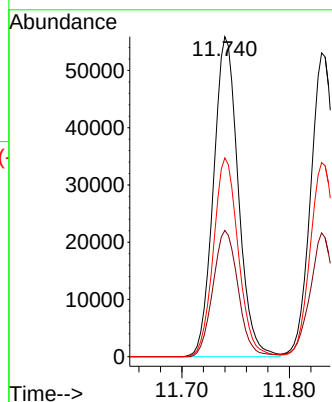
Tgt Ion:146 Resp: 89510

Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.9

148 62.1 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 4.852 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

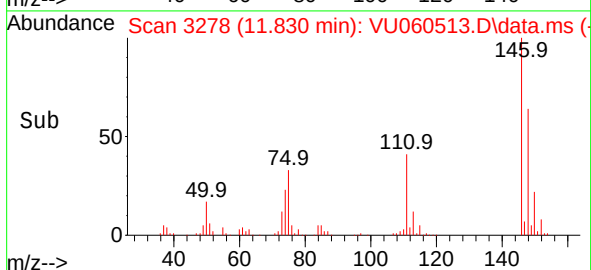
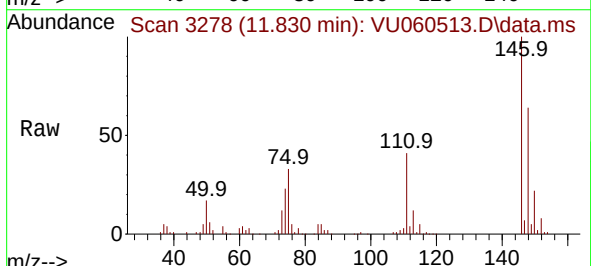
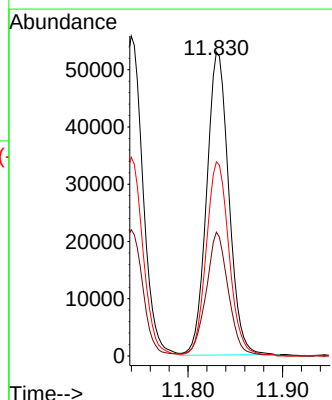
Tgt Ion:146 Resp: 86268

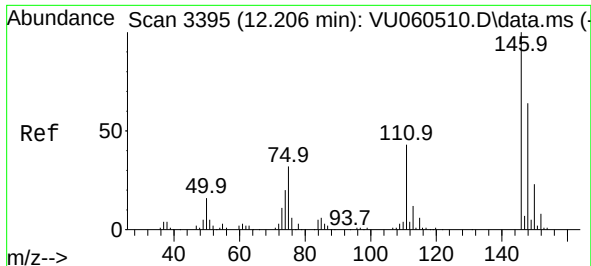
Ion Ratio Lower Upper

146 100

111 40.8 27.2 50.4

148 63.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.878 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

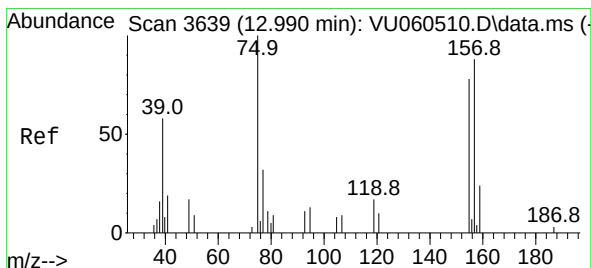
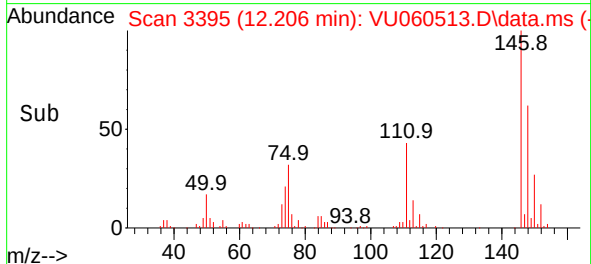
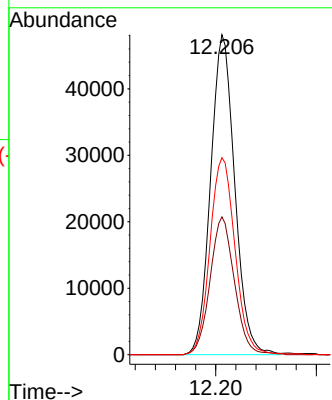
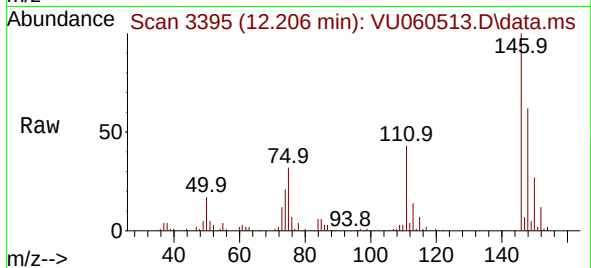
Tgt Ion:146 Resp: 80185

Ion Ratio Lower Upper

146 100

111 43.1 34.6 52.0

148 61.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.459 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

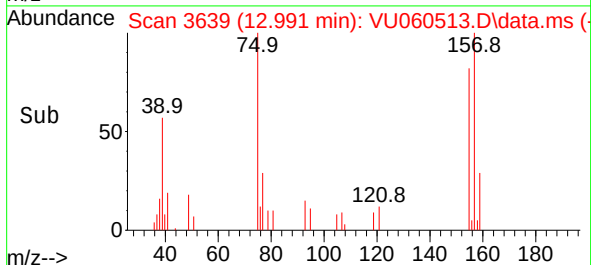
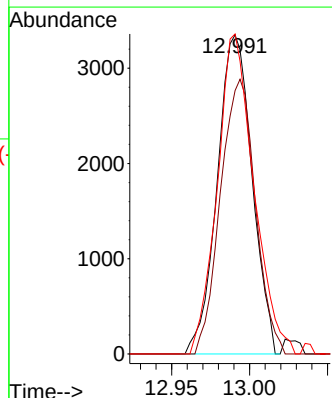
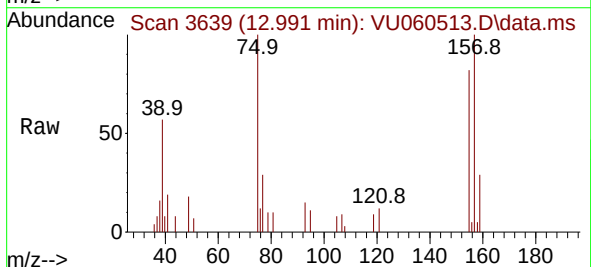
Tgt Ion: 75 Resp: 5203

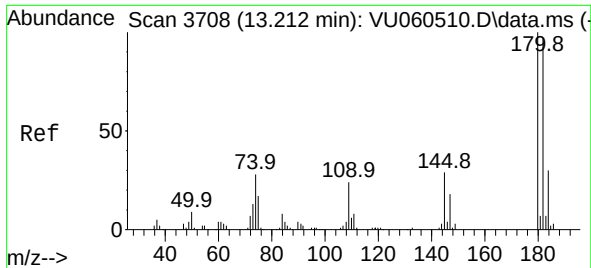
Ion Ratio Lower Upper

75 100

155 82.6 62.7 94.1

157 100.3 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.859 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

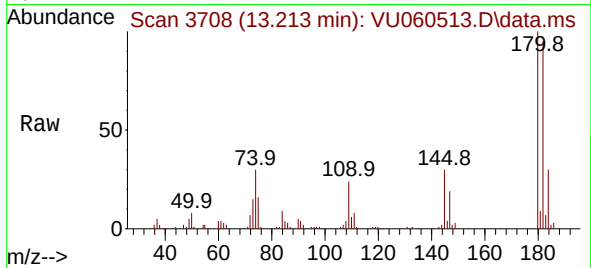
Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 65655

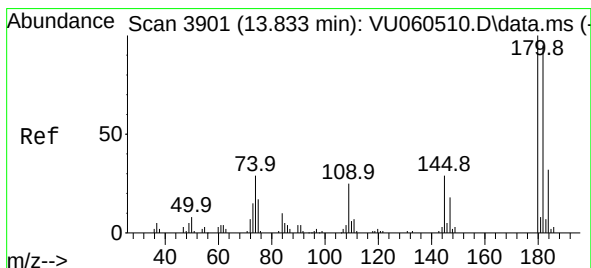
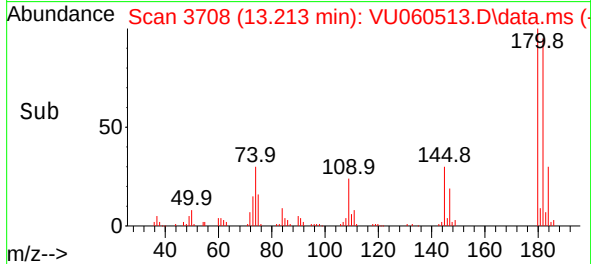
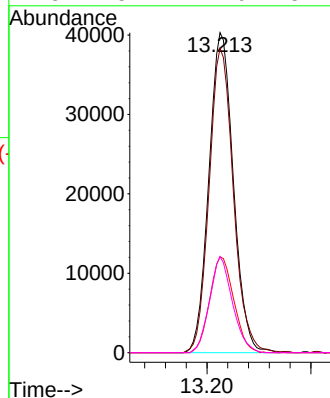
Ion Ratio Lower Upper

180 100

182 94.2 77.6 116.4

184 29.6 24.9 37.3

145 28.1 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.556 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060513.D

Acq: 23 Aug 2024 15:00

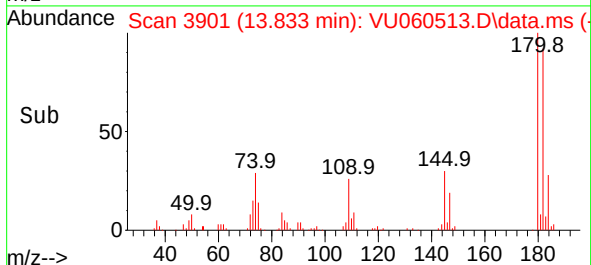
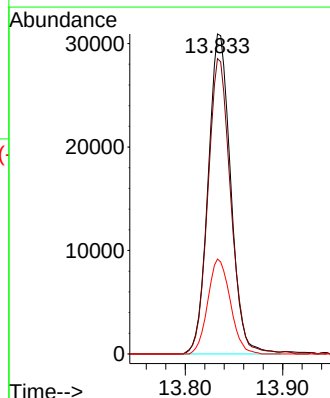
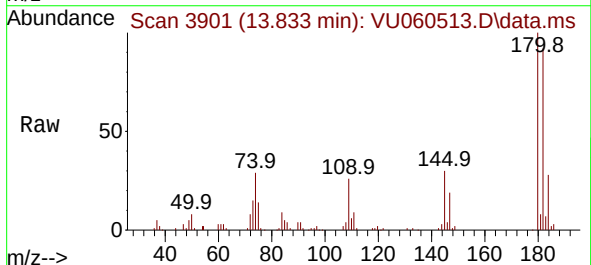
Tgt Ion:180 Resp: 49670

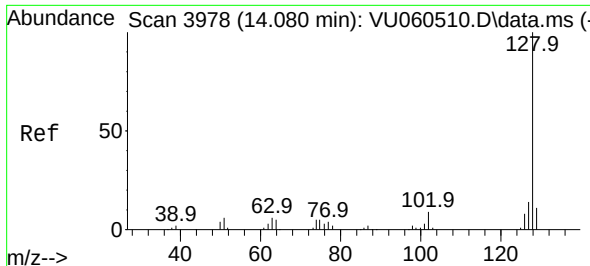
Ion Ratio Lower Upper

180 100

182 93.3 77.3 115.9

145 29.6 23.9 35.9

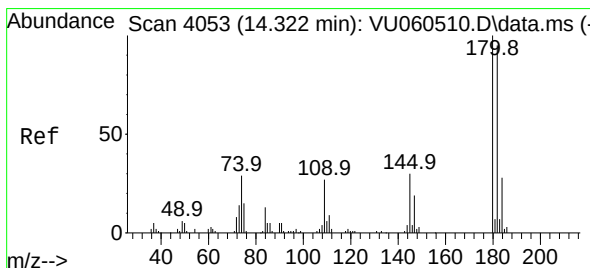
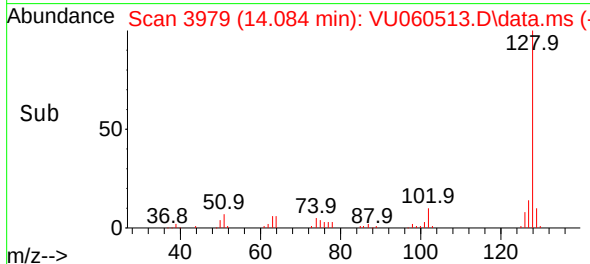
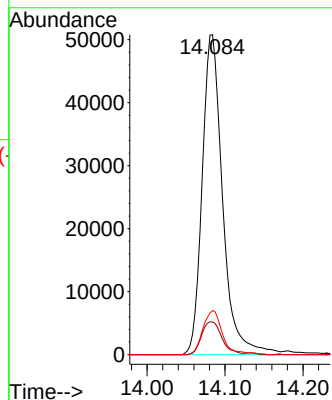
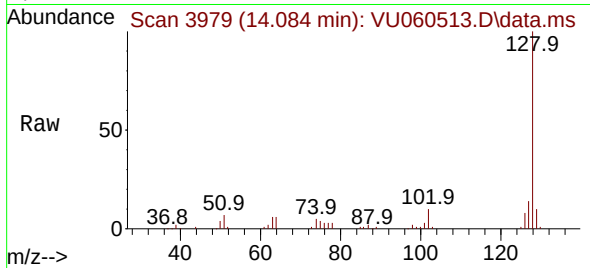




#71
Naphthalene
Concen: 6.657 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 92707
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 6.321 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060513.D
Acq: 23 Aug 2024 15:00

Tgt Ion:180 Resp: 57669
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 32.0 24.3 36.5

