

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060505.D
 Acq On : 22 Aug 2024 15:45
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 23 06:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80750	12.596	ug/L	0.00
7) Chloroethane-d5	1.911	69	110639	17.934	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	45709	16.165	ug/L	0.00
20) 2-Butanone-d5	4.624	46	332272	222.268	ug/L	0.00
24) Chloroform-d	5.052	84	249148	18.458	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	129561	20.057	ug/L	0.00
32) Benzene-d6	5.717	84	447835	17.372	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	145712	18.031	ug/L	0.00
41) Toluene-d8	7.891	98	417621	18.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	55926	21.312	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	281305	242.947	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	122799	18.619	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	165291	19.245	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	206365	34.125	ug/L	97
3) Chloromethane	1.518	50	171217	25.912	ug/L	97
5) Vinyl chloride	1.602	62	166780	22.670	ug/L	99
6) Bromomethane	1.853	94	143740	25.840	ug/L	98
8) Chloroethane	1.930	64	139599	26.102	ug/L	94
9) Trichlorofluoromethane	2.129	101	319628	28.484	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	137082	20.558	ug/L	98
12) 1,1-Dichloroethene	2.573	96	126994	21.146	ug/L	94
13) Acetone	2.644	43	221256	215.059	ug/L	99
14) Carbon disulfide	2.785	76	436174	26.481	ug/L	100
15) Methyl Acetate	2.949	43	55786	24.845	ug/L #	65
16) Methylene chloride	3.036	84	141053	16.530	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	334398	23.456	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	134097	22.651	ug/L	98
19) 1,1-Dichloroethane	3.859	63	274998	22.118	ug/L	97
21) 2-Butanone	4.705	43	375629	239.616	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	151363	21.388	ug/L	96
23) Bromochloromethane	4.965	128	66621	20.531	ug/L	95
25) Chloroform	5.078	83	281553	21.150	ug/L	98
27) 1,2-Dichloroethane	5.785	62	187296	25.136	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	250004	24.043	ug/L	100
30) Cyclohexane	5.380	56	248913	28.934	ug/L	99
31) Carbon tetrachloride	5.515	117	227188	24.766	ug/L	99
33) Benzene	5.766	78	594526	22.520	ug/L	100
34) Trichloroethene	6.534	95	159503	22.880	ug/L	97
35) Methylcyclohexane	6.756	83	257441	27.717	ug/L	94
37) 1,2-Dichloropropane	6.782	63	160505	22.222	ug/L	99
38) Bromodichloromethane	7.097	83	199721	22.346	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	245523	24.983	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	938174	272.969	ug/L	99
42) Toluene	7.962	91	659833	23.596	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	207890	25.434	ug/L	99

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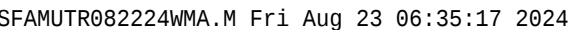
Quant Time: Aug 23 06:35:08 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
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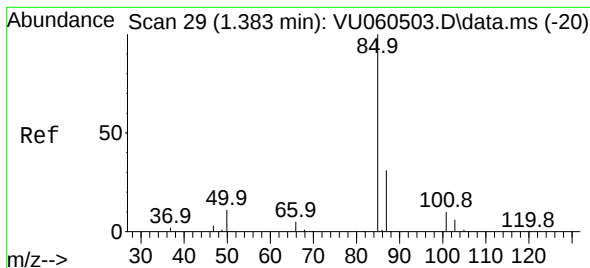
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	109013	20.175	ug/L	96
47) Tetrachloroethene	8.547	164	128035	23.257	ug/L	98
48) 2-Hexanone	8.679	43	695331	269.689	ug/L	98
49) Dibromochloromethane	8.801	129	133182	23.048	ug/L	99
50) 1,2-Dibromoethane	8.917	107	104016	21.596	ug/L #	96
51) Chlorobenzene	9.438	112	407880	21.748	ug/L	99
52) Ethylbenzene	9.563	91	733836	24.758	ug/L	100
53) m,p-Xylene	9.685	106	280424	25.009	ug/L	99
54) o-Xylene	10.094	106	268817	25.139	ug/L	99
55) Styrene	10.106	104	465271	25.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	136421	20.467	ug/L #	96
59) Bromoform	10.283	173	82593	22.221	ug/L	97
60) Isopropylbenzene	10.476	105	734752	24.778	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	100049	21.334	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	613105	26.810	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	619611	26.224	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	338664	21.235	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	341208	21.357	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	319300	22.618	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	23354	26.340	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	260457	22.936	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	215748	24.313	ug/L	97
71) Naphthalene	14.077	128	429408	34.562	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	264910	33.493	ug/L	99

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

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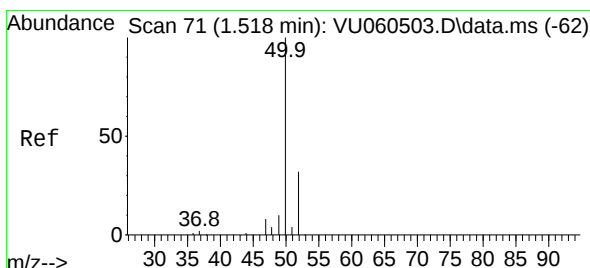
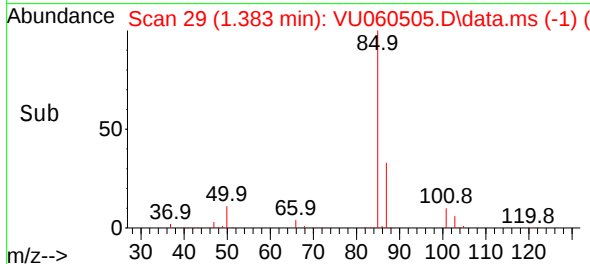
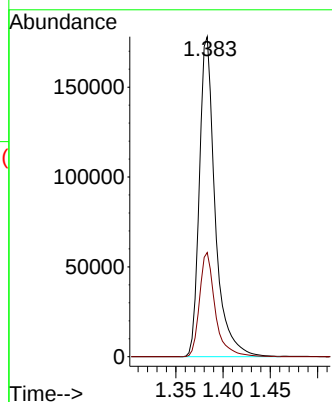
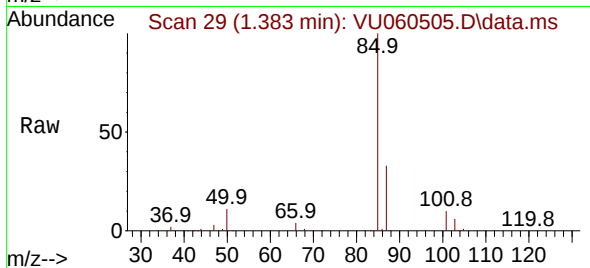




#2
 Dichlorodifluoromethane
 Concen: 34.125 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060505.D
 Acq: 22 Aug 2024 15:45

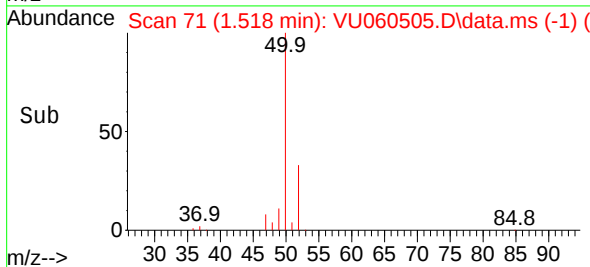
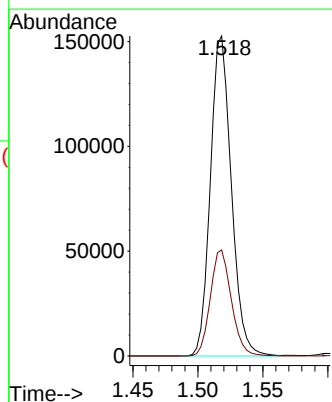
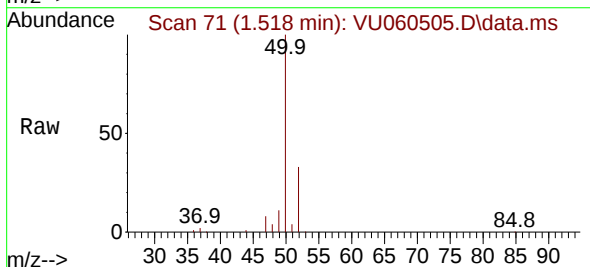
Instrument :
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 ClientSampleId :

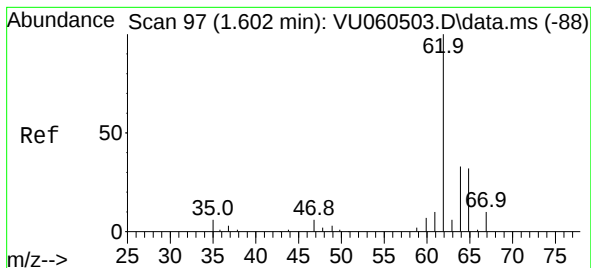
Tgt Ion: 85 Resp: 206365
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.6 37.0



#3
 Chloromethane
 Concen: 25.912 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060505.D
 Acq: 22 Aug 2024 15:45

Tgt Ion: 50 Resp: 171217
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.2 41.2





#5

Vinyl chloride

Concen: 22.670 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

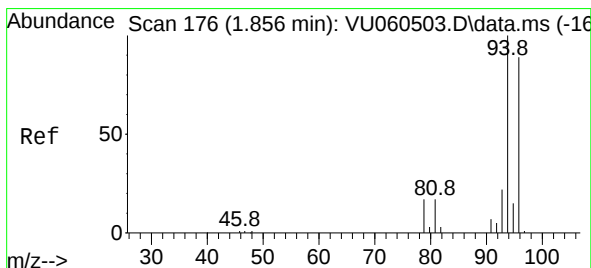
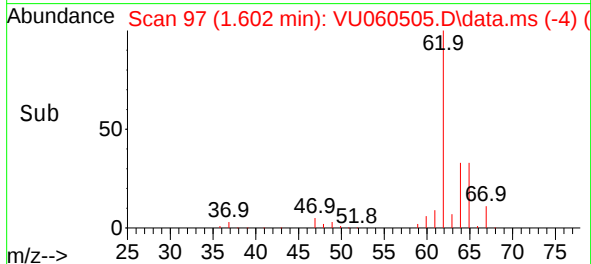
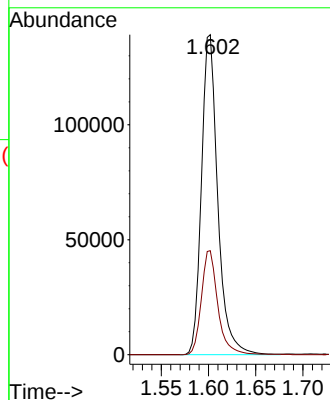
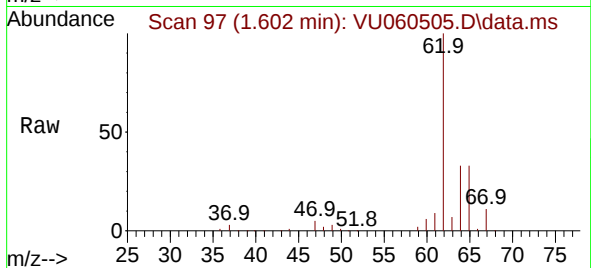
ClientSampleId :

Tgt Ion: 62 Resp: 166780

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#6

Bromomethane

Concen: 25.840 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060505.D

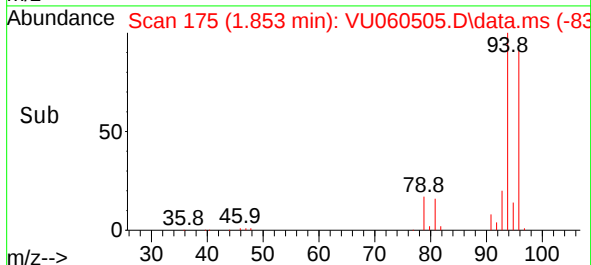
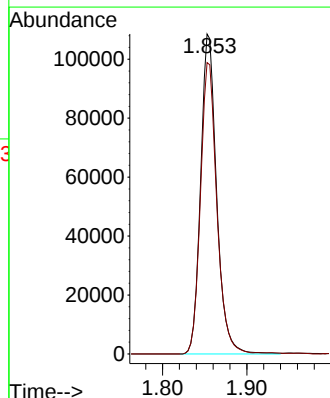
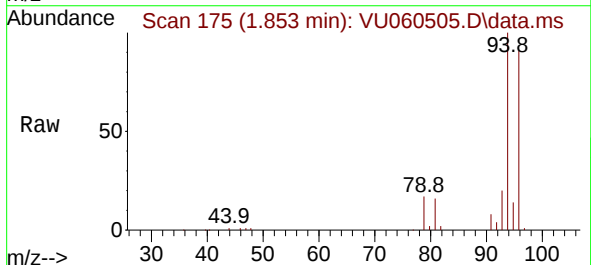
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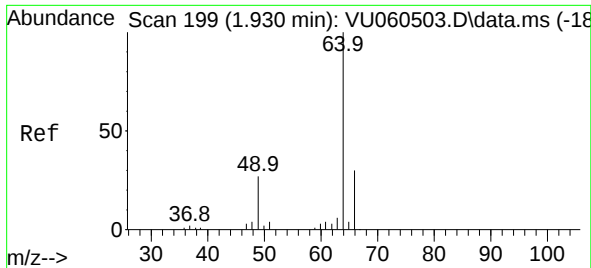
Tgt Ion: 94 Resp: 143740

Ion Ratio Lower Upper

94 100

96 91.0 62.4 115.8

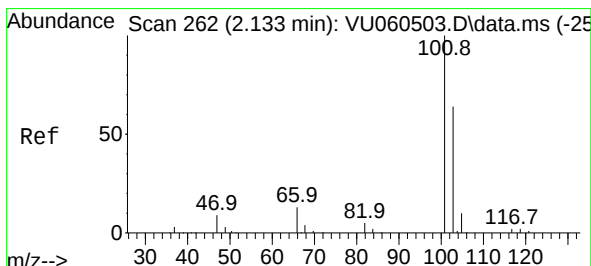
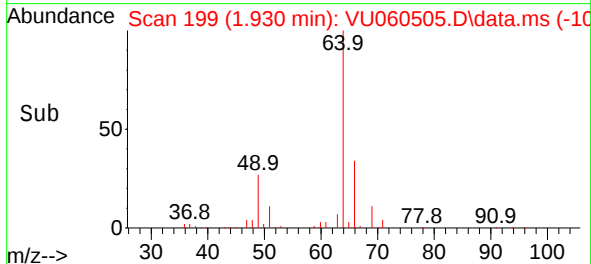
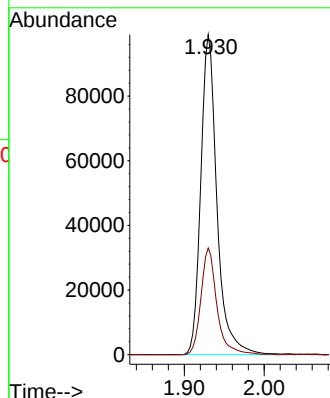
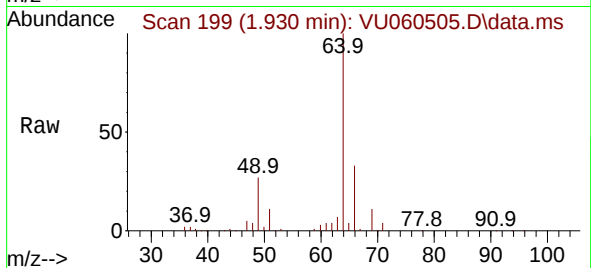




#8
Chloroethane
Concen: 26.102 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

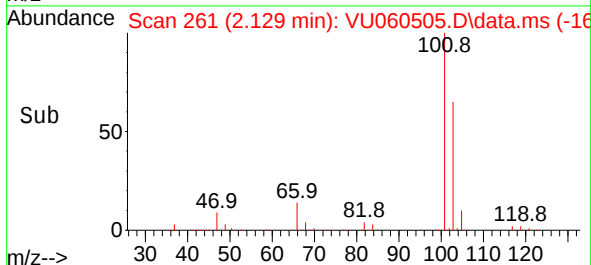
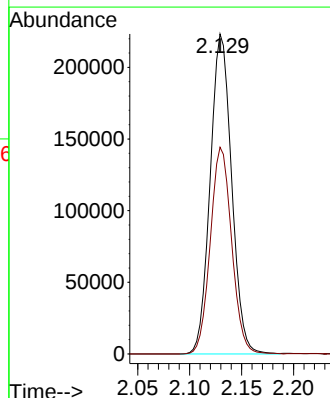
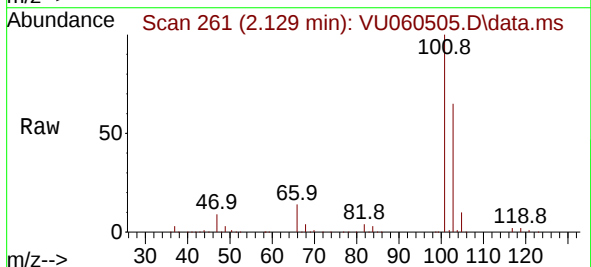
Instrument :
MSVOA_U
ClientSampleId :

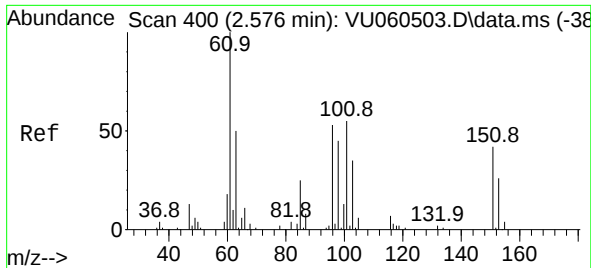
Tgt Ion: 64 Resp: 139599
Ion Ratio Lower Upper
64 100
66 33.4 21.1 39.1



#9
Trichlorofluoromethane
Concen: 28.484 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion:101 Resp: 319628
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

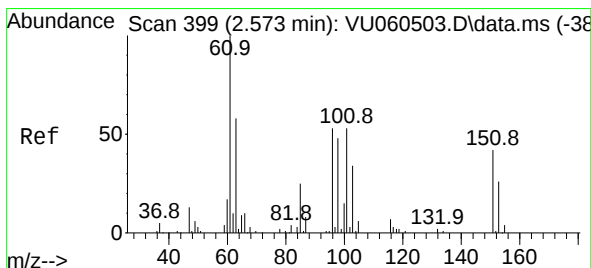
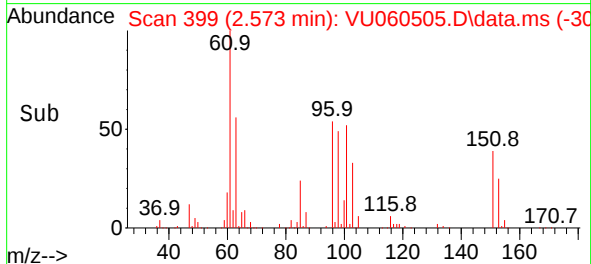
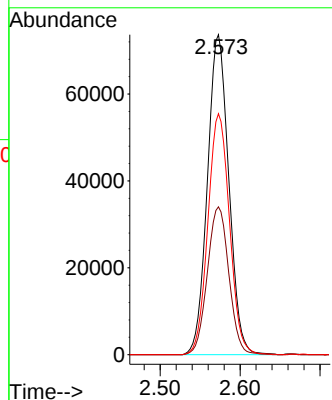
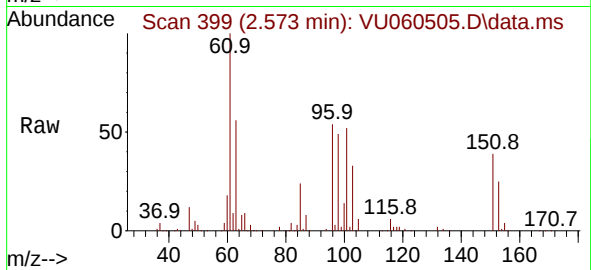




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.558 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

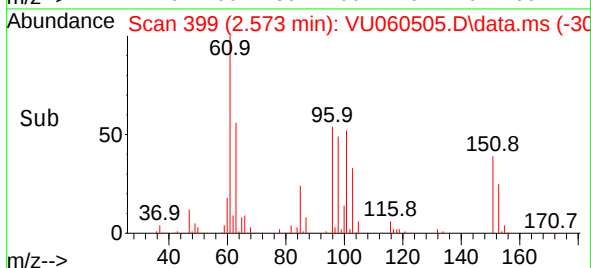
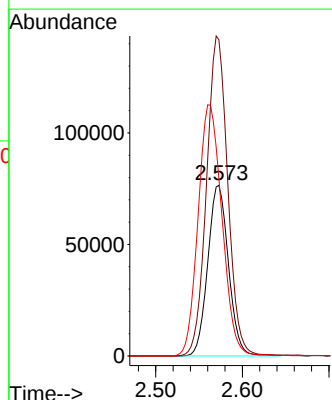
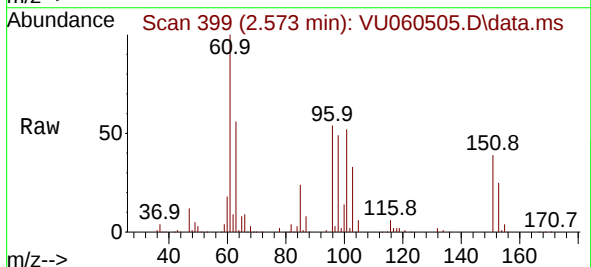
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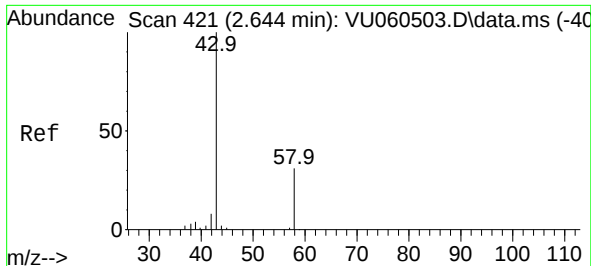
Tgt Ion:101 Resp: 137082
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.2
151 76.0 59.9 89.9



#12
1,1-Dichloroethene
Concen: 21.146 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 96 Resp: 126994
Ion Ratio Lower Upper
96 100
61 185.3 133.6 248.0
63 103.8 80.8 150.2

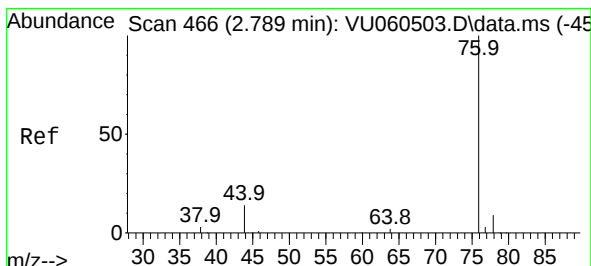
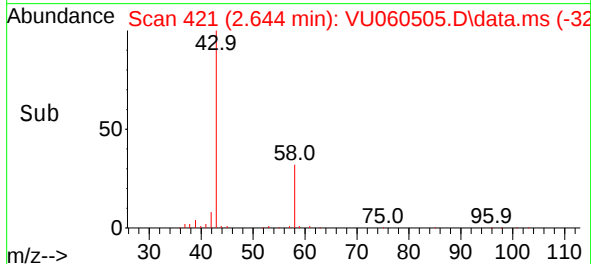
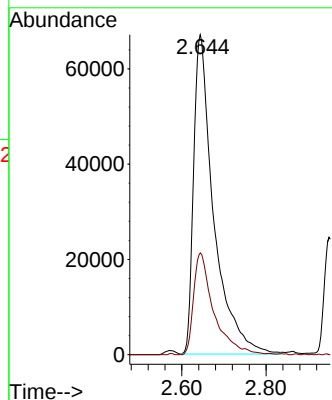
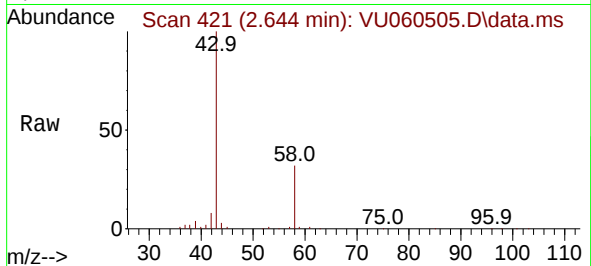




#13
Acetone
Concen: 215.059 ug/L
RT: 2.644 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

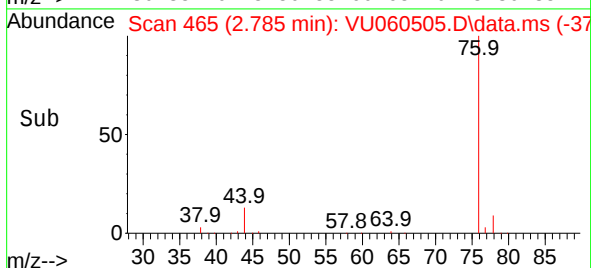
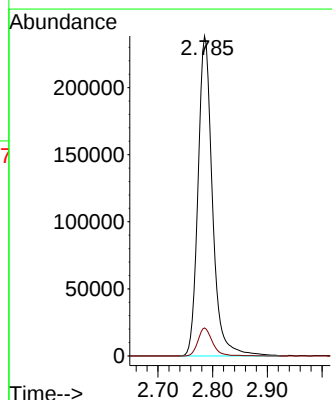
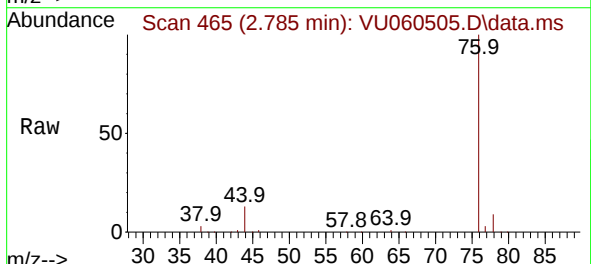
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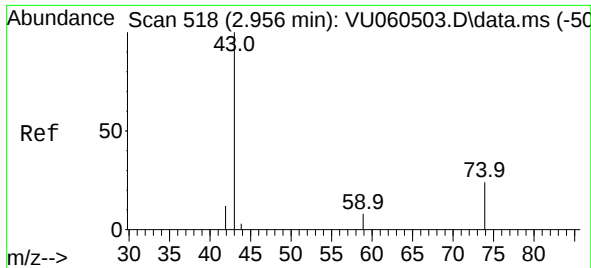
Tgt Ion: 43 Resp: 221256
Ion Ratio Lower Upper
43 100
58 31.0 0.0 63.6



#14
Carbon disulfide
Concen: 26.481 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 76 Resp: 436174
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

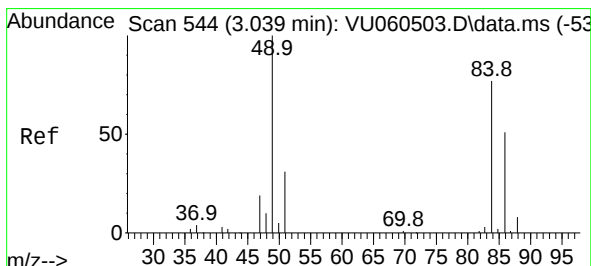
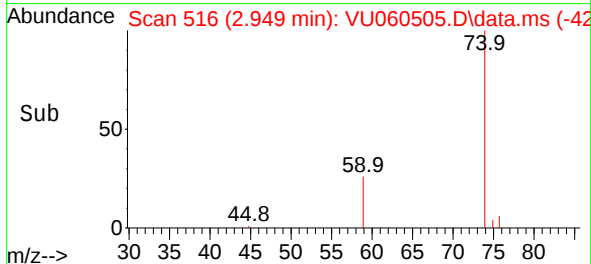
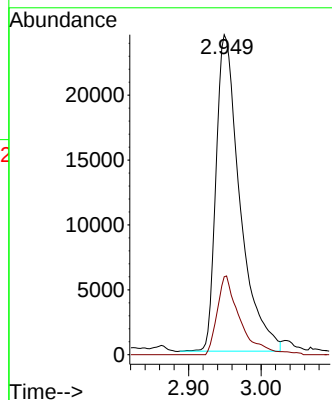
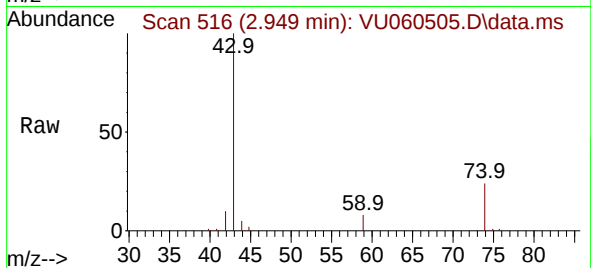




#15
Methyl Acetate
Concen: 24.845 ug/L
RT: 2.949 min Scan# 518
Delta R.T. -0.007 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

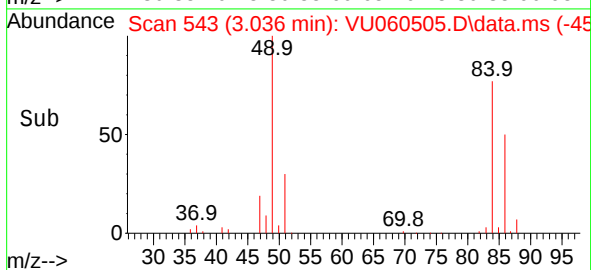
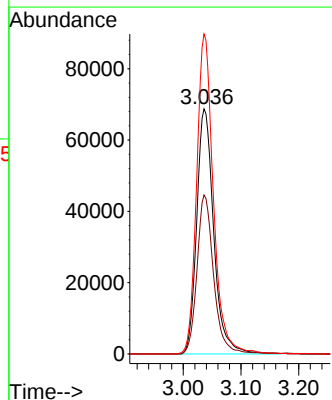
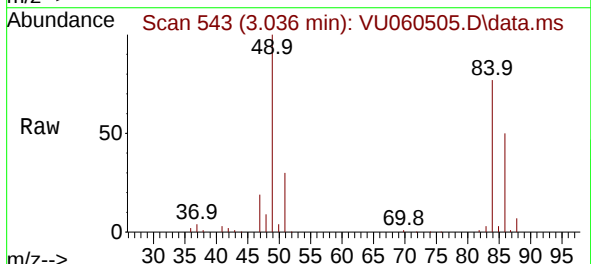
Instrument :
MSVOA_U
ClientSampleId :

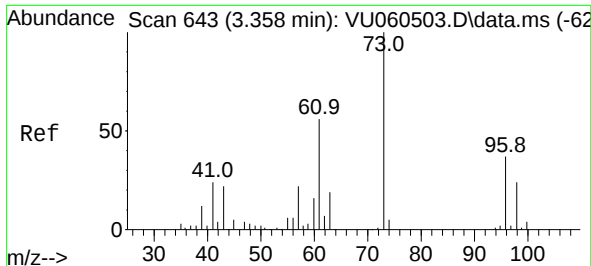
Tgt Ion: 43 Resp: 55786
Ion Ratio Lower Upper
43 100
74 23.9 8.5 12.7#



#16
Methylene chloride
Concen: 16.530 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

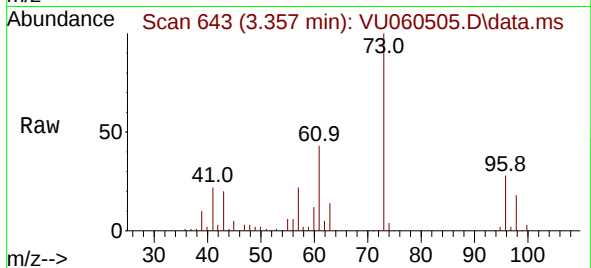
Tgt Ion: 84 Resp: 141053
Ion Ratio Lower Upper
84 100
86 64.9 46.7 86.7
49 130.6 91.0 169.0



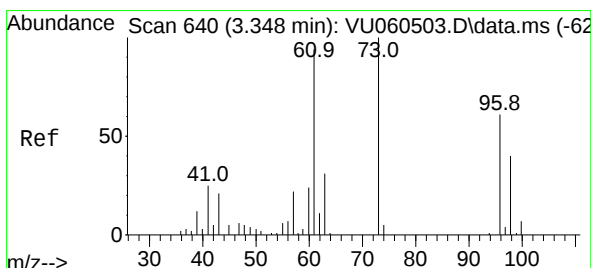
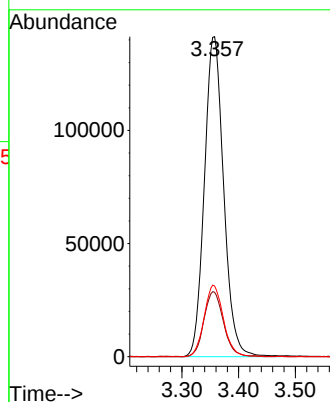
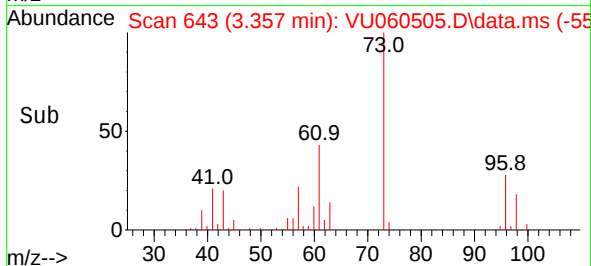


#17
Methyl tert-butyl Ether
Concen: 23.456 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

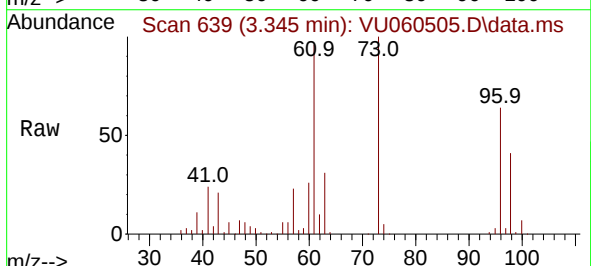
Instrument :
MSVOA_U
ClientSampleId :



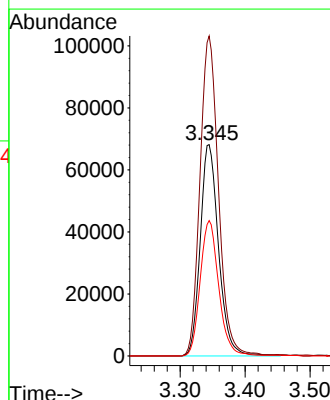
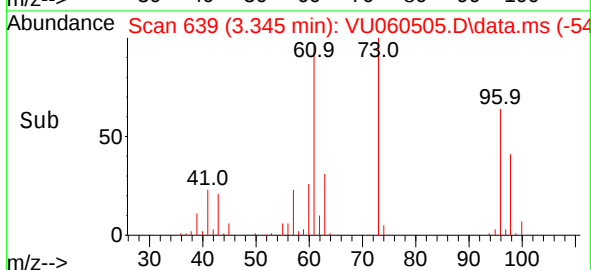
Tgt Ion: 73 Resp: 334398
Ion Ratio Lower Upper
73 100
43 20.5 17.5 26.3
57 22.3 17.8 26.6

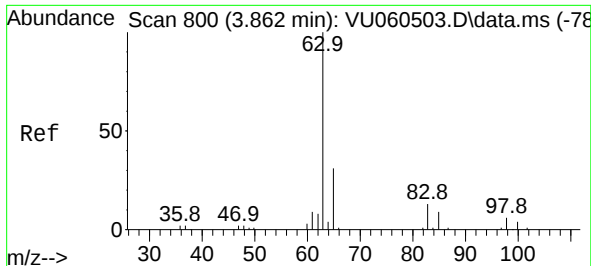


#18
trans-1,2-Dichloroethene
Concen: 22.651 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45



Tgt Ion: 96 Resp: 134097
Ion Ratio Lower Upper
96 100
61 151.4 108.4 201.4
98 64.1 45.4 84.2

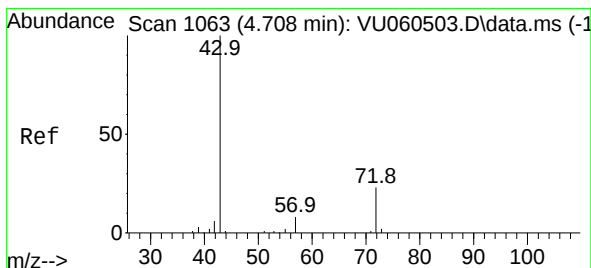
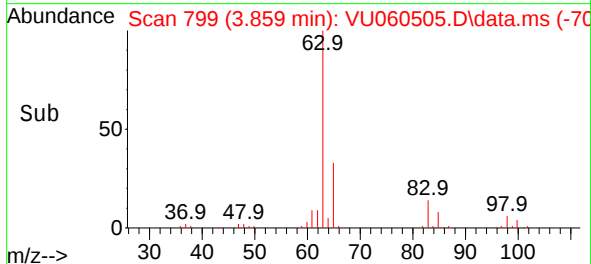
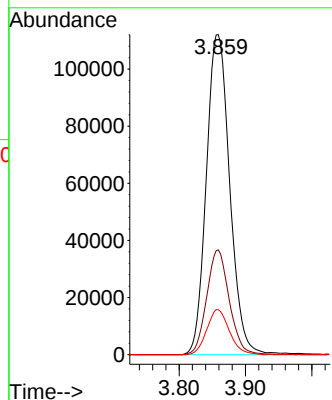
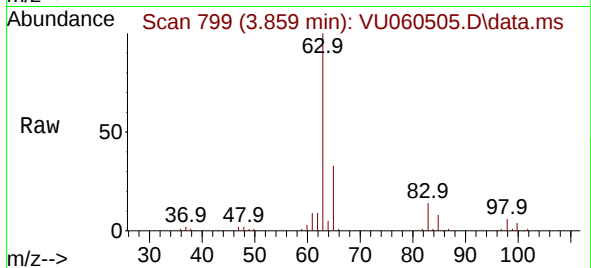




#19
1,1-Dichloroethane
Concen: 22.118 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

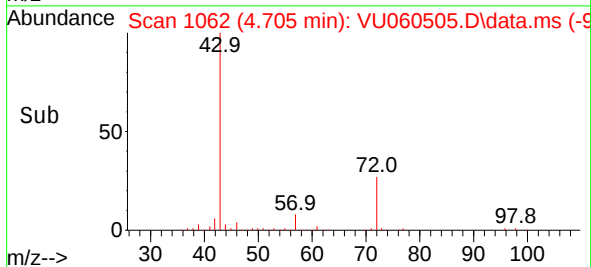
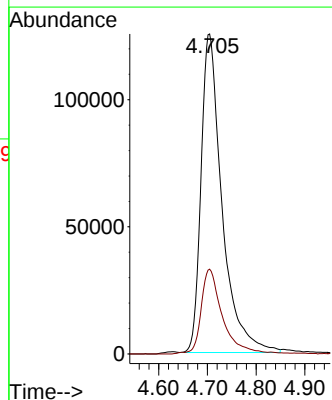
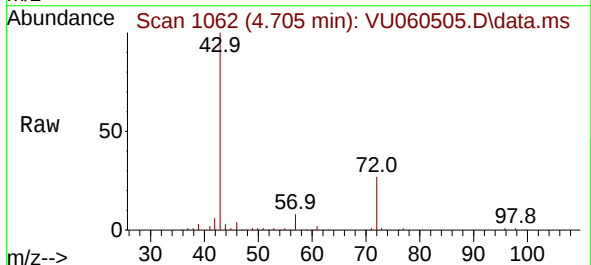
Instrument :
MSVOA_U
ClientSampleId :

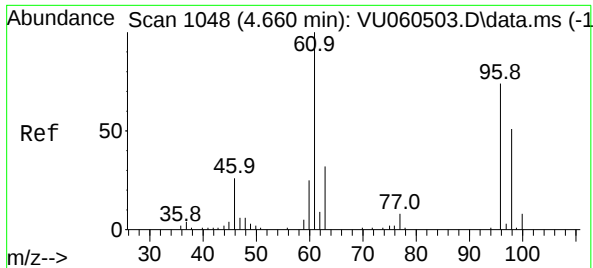
Tgt Ion: 63 Resp: 274998
Ion Ratio Lower Upper
63 100
65 32.8 21.4 39.8
83 14.1 9.4 17.4



#21
2-Butanone
Concen: 239.616 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 43 Resp: 375629
Ion Ratio Lower Upper
43 100
72 25.0 12.3 36.8

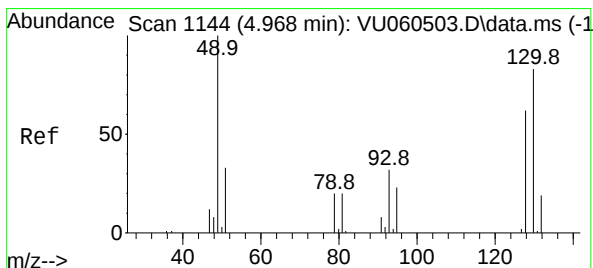
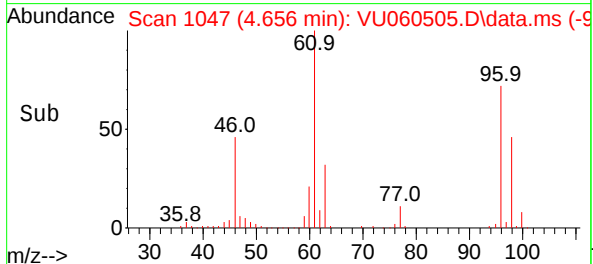
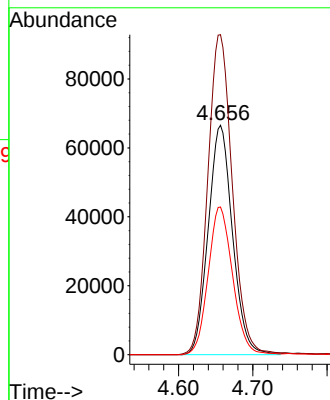
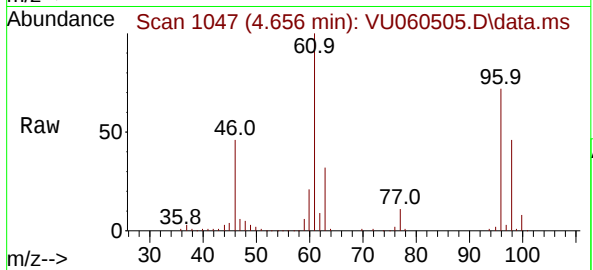




#22
cis-1,2-Dichloroethene
Concen: 21.388 ug/L
RT: 4.656 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

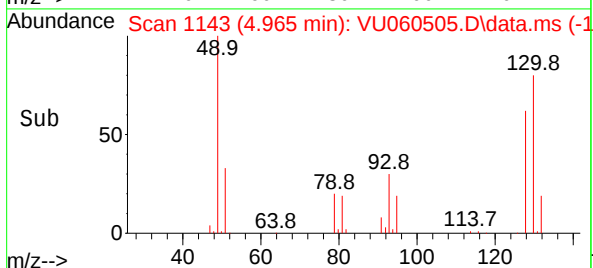
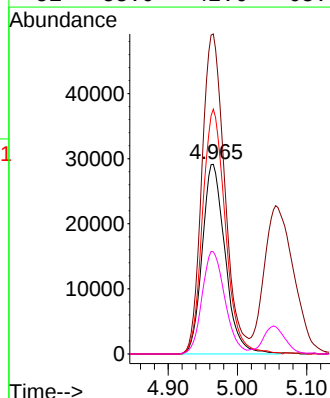
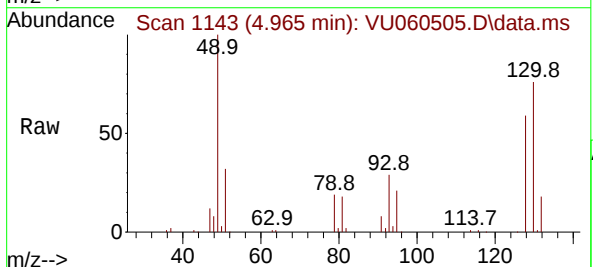
Instrument :
MSVOA_U
ClientSampleId :

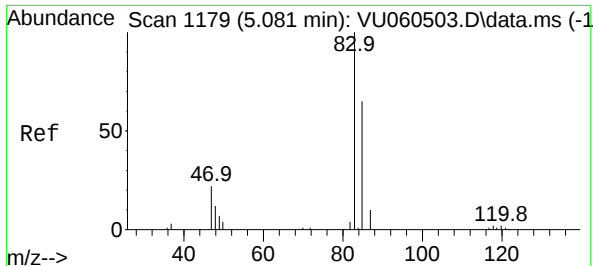
Tgt Ion: 96 Resp: 151363
Ion Ratio Lower Upper
96 100
61 139.4 94.6 175.8
98 64.3 48.2 89.6



#23
Bromochloromethane
Concen: 20.531 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion:128 Resp: 66621
Ion Ratio Lower Upper
128 100
49 168.7 112.4 208.8
130 129.0 93.7 173.9
51 53.9 42.6 63.8

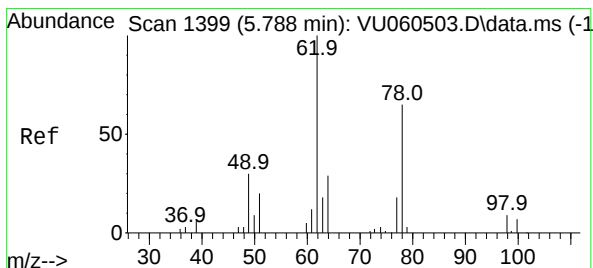
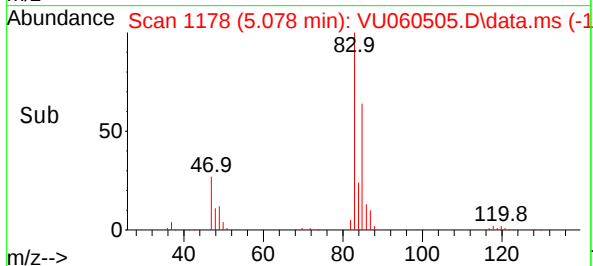
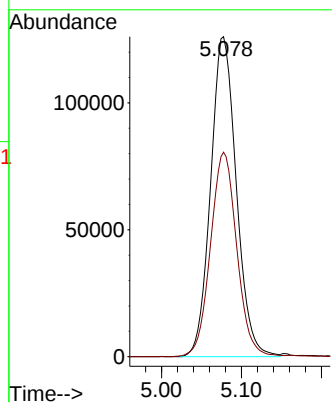
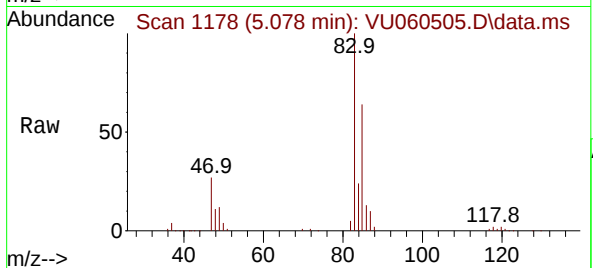




#25
Chloroform
Concen: 21.150 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

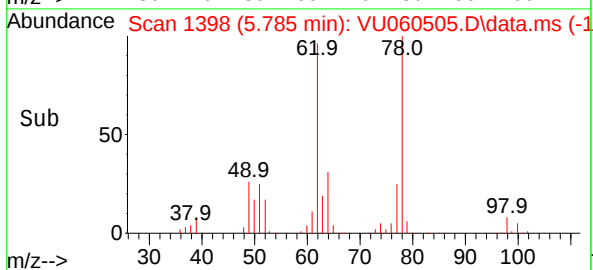
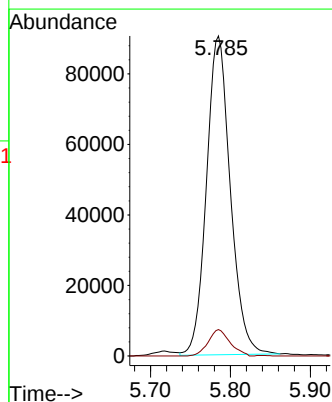
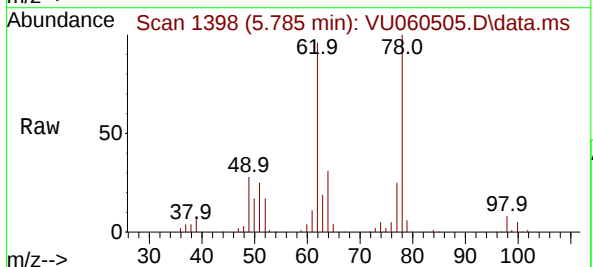
Instrument :
MSVOA_U
ClientSampleId :

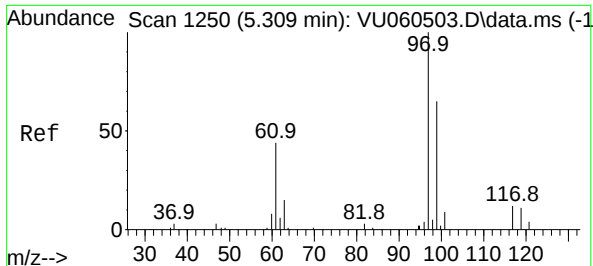
Tgt Ion: 83 Resp: 281553
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.136 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 62 Resp: 187296
Ion Ratio Lower Upper
62 100
98 8.3 7.9 11.9

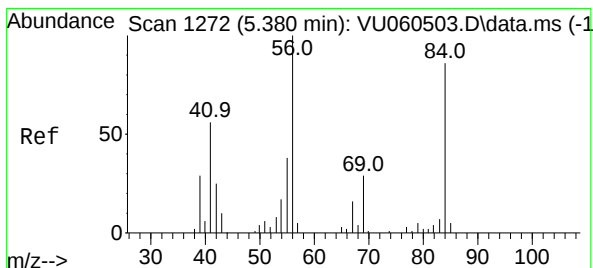
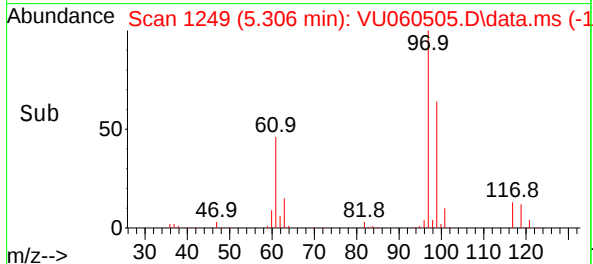
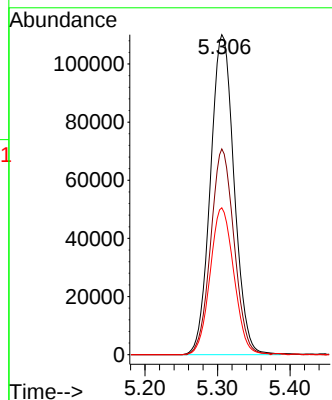
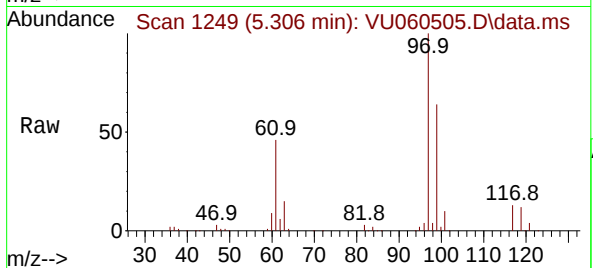




#29
1,1,1-Trichloroethane
Concen: 24.043 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

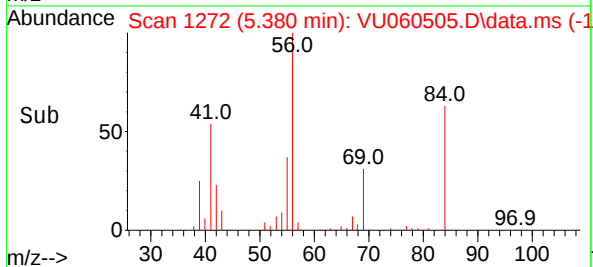
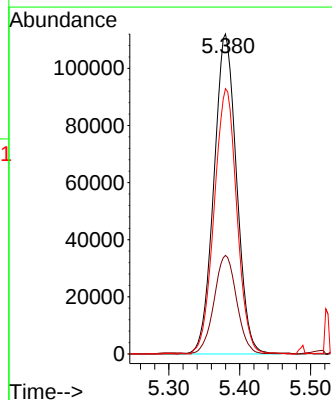
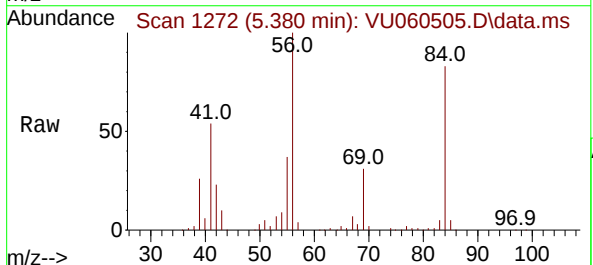
Instrument :
MSVOA_U
ClientSampleId :

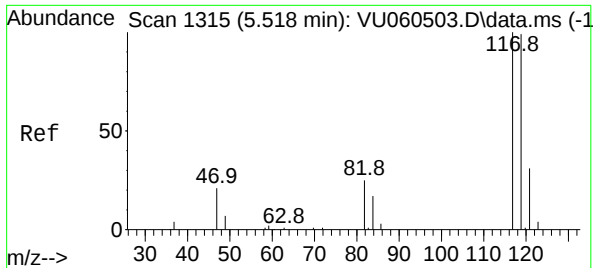
Tgt Ion: 97 Resp: 250004
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 46.1 36.6 55.0



#30
Cyclohexane
Concen: 28.934 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 56 Resp: 248913
Ion Ratio Lower Upper
56 100
69 30.4 23.3 34.9
84 82.8 66.6 99.8

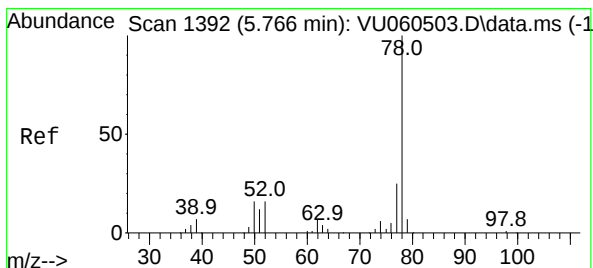
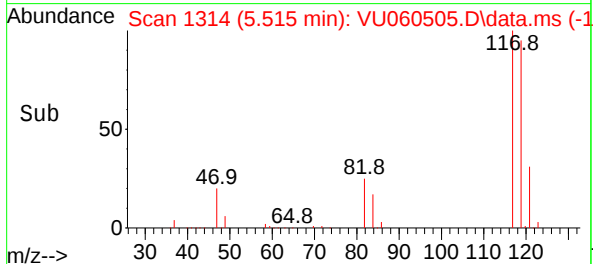
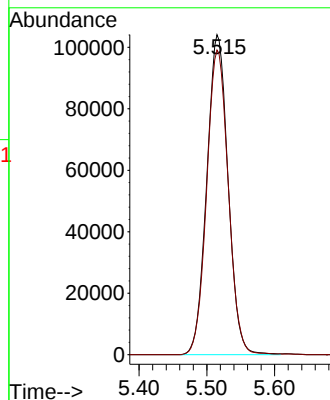
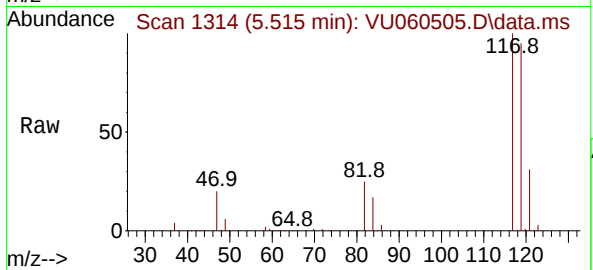




#31
Carbon tetrachloride
Concen: 24.766 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

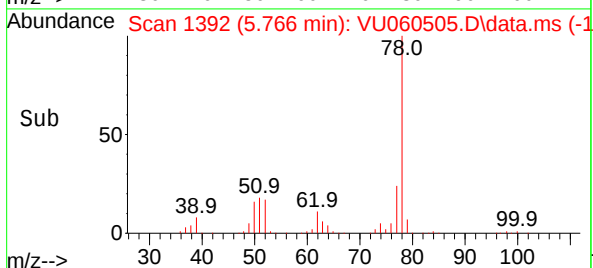
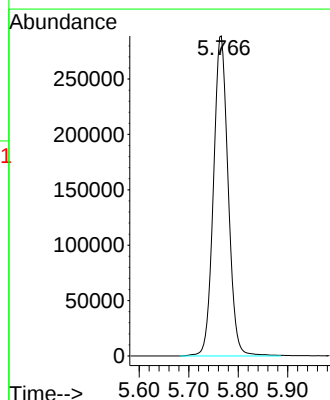
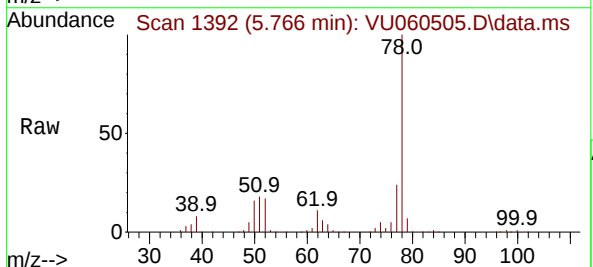
Instrument :
MSVOA_U
ClientSampleId :

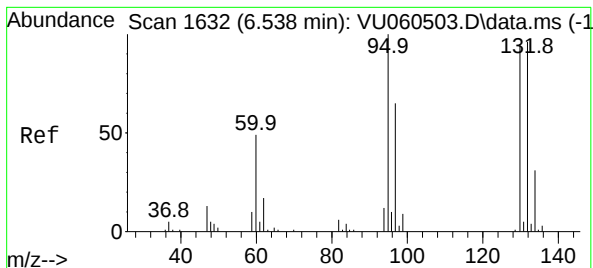
Tgt Ion:117 Resp: 227188
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 22.520 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 78 Resp: 594526





#34

Trichloroethene

Concen: 22.880 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 159503

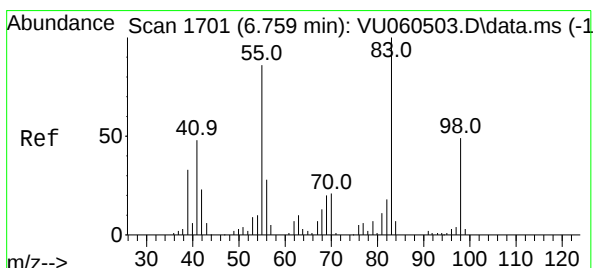
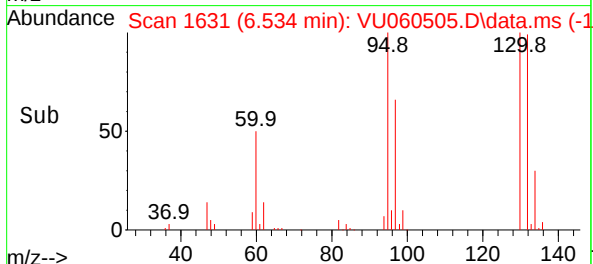
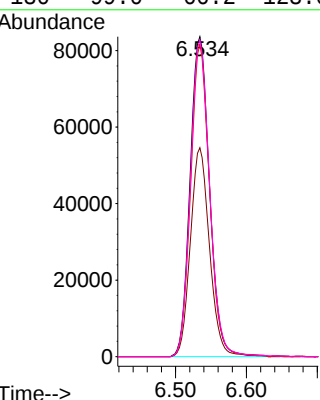
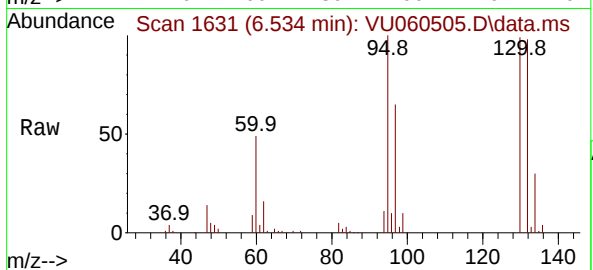
Ion Ratio Lower Upper

95 100

97 65.3 45.2 84.0

132 97.6 67.2 124.8

130 99.0 66.2 123.0



#35

Methylcyclohexane

Concen: 27.717 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

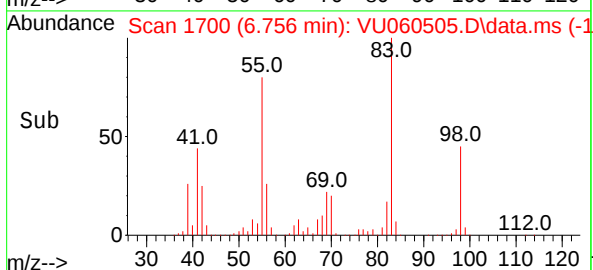
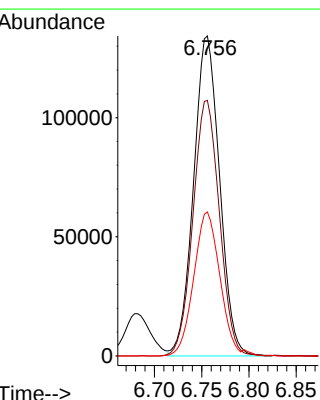
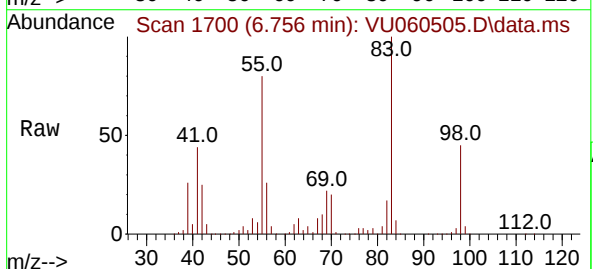
Tgt Ion: 83 Resp: 257441

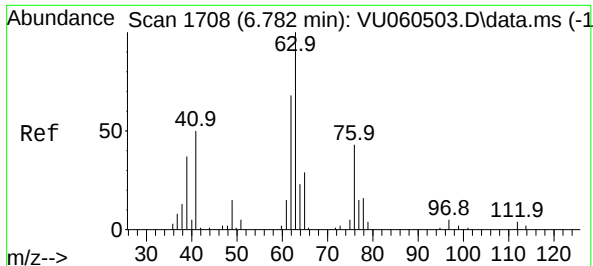
Ion Ratio Lower Upper

83 100

55 81.1 70.5 105.7

98 45.5 38.5 57.7

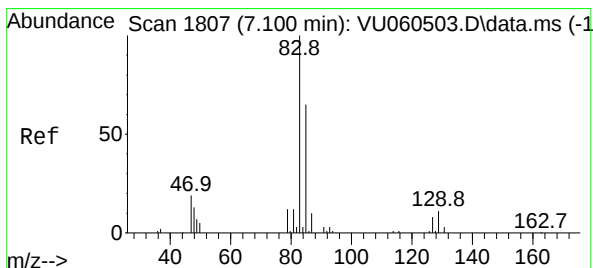
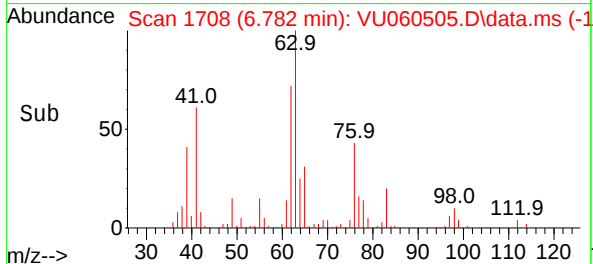
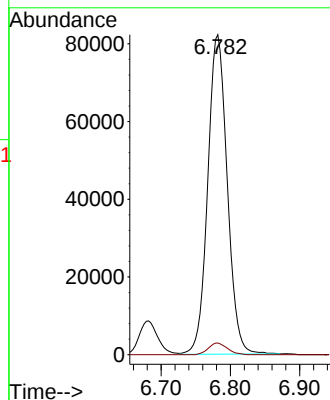
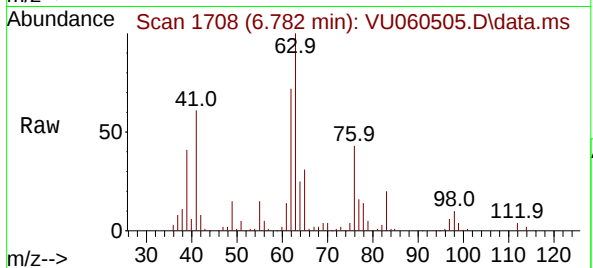




#37
1,2-Dichloropropane
Concen: 22.222 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

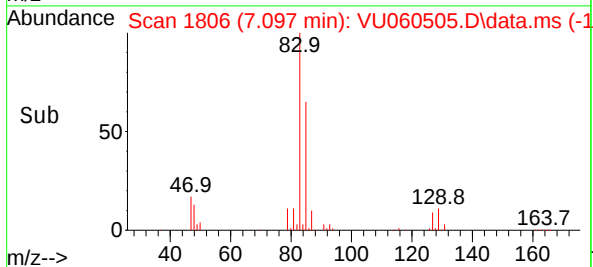
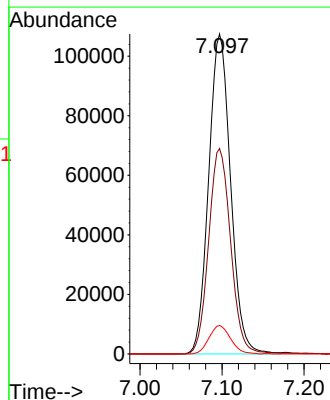
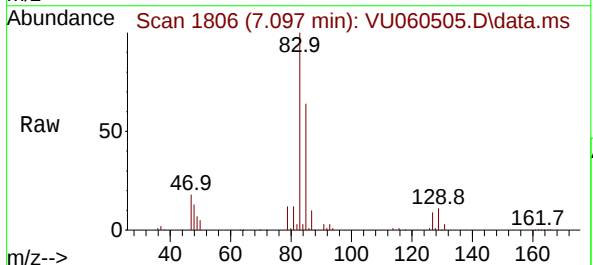
Instrument :
MSVOA_U
ClientSampleId :

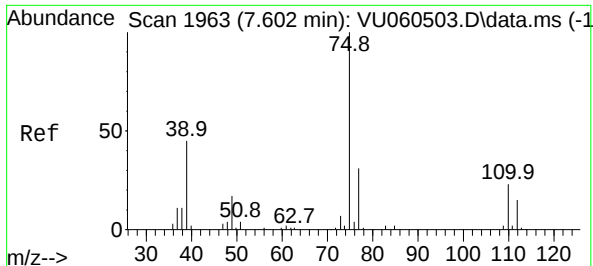
Tgt Ion: 63 Resp: 160505
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 22.346 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion: 83 Resp: 199721
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
127 8.9 6.5 9.7

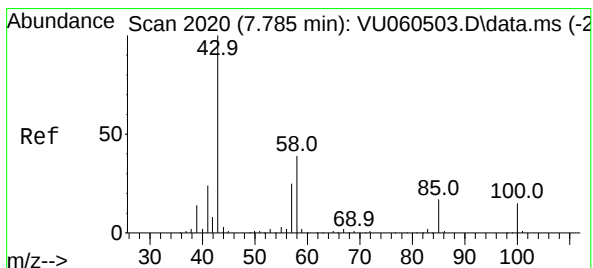
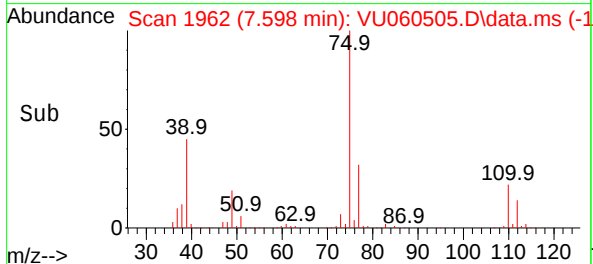
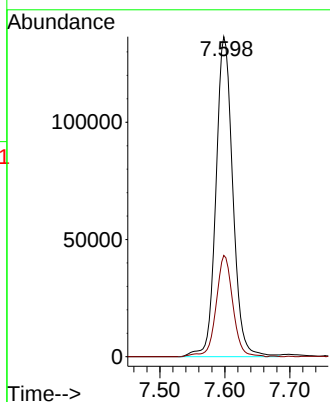
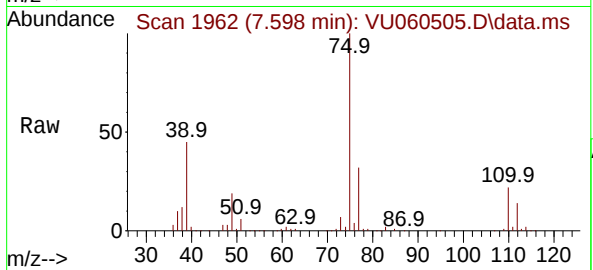




#39
 cis-1,3-Dichloropropene
 Concen: 24.983 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU060505.D
 Acq: 22 Aug 2024 15:45

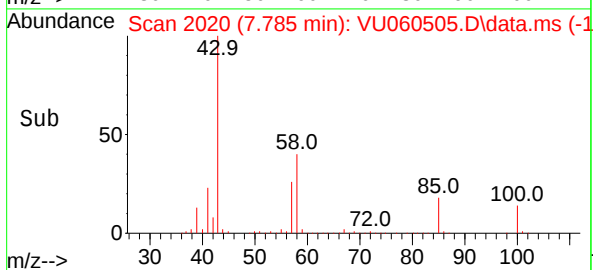
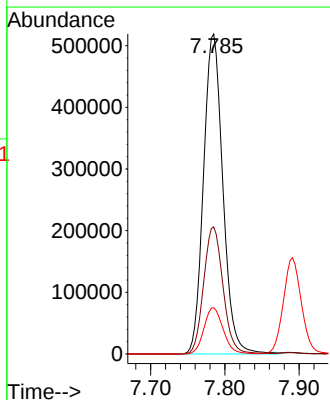
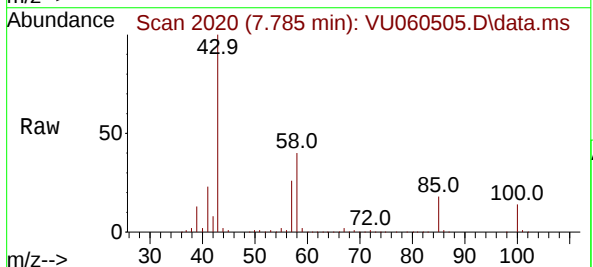
Instrument :
 MSVOA_U
 ClientSampleId :

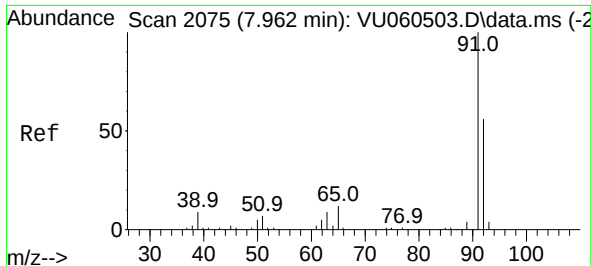
Tgt Ion: 75 Resp: 245523
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 272.969 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060505.D
 Acq: 22 Aug 2024 15:45

Tgt Ion: 43 Resp: 938174
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.2 46.8
 100 14.4 11.5 17.3





#42

Toluene

Concen: 23.596 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

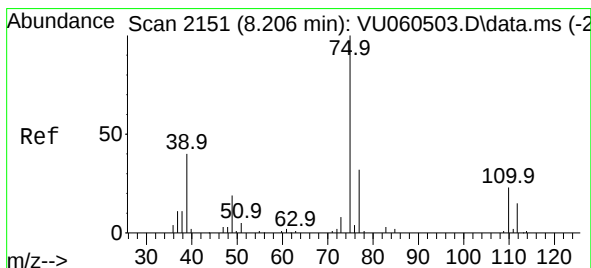
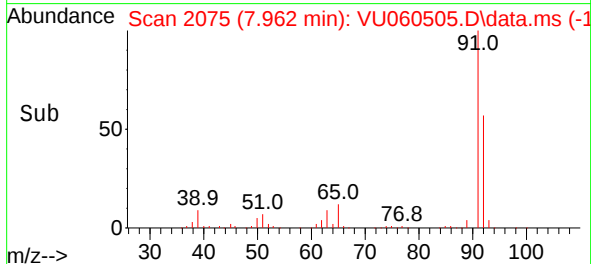
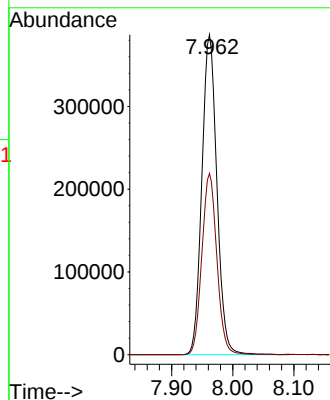
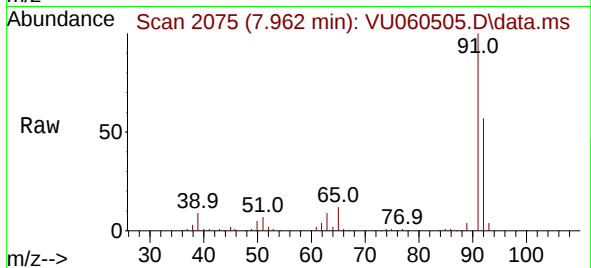
ClientSampleId :

Tgt Ion: 91 Resp: 659833

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 25.434 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060505.D

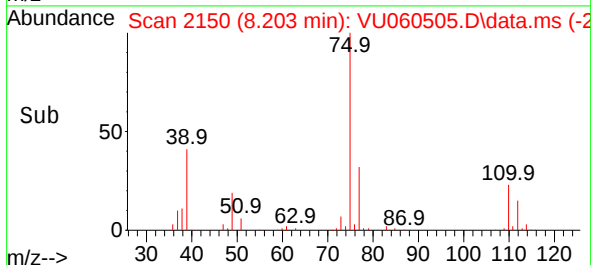
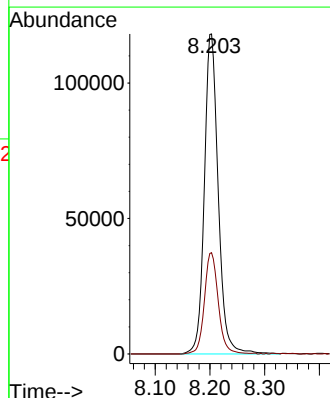
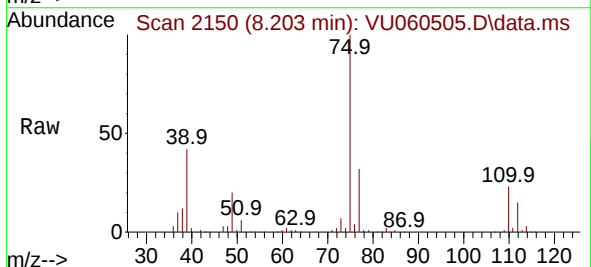
Acq: 22 Aug 2024 15:45

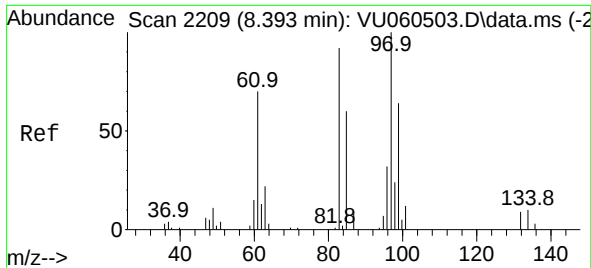
Tgt Ion: 75 Resp: 207890

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

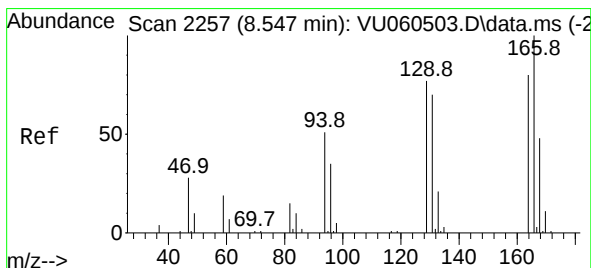
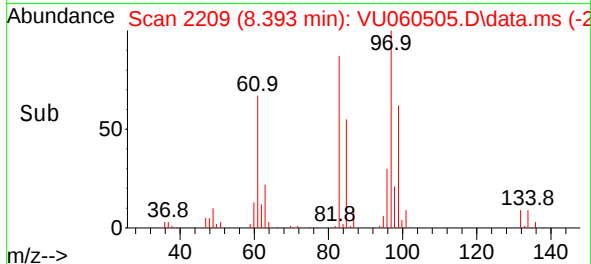
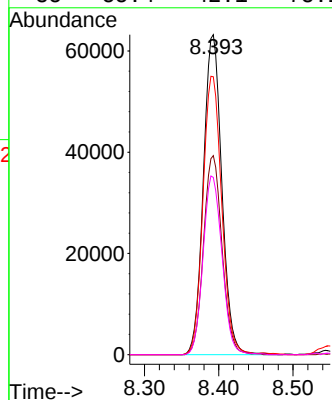
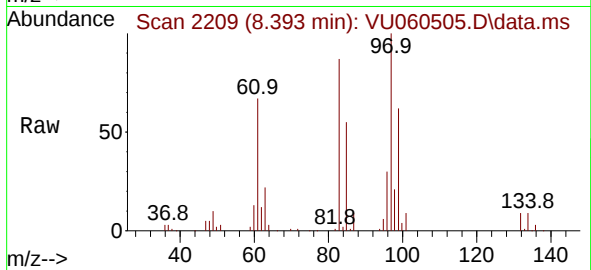




#45
1,1,2-Trichloroethane
Concen: 20.175 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

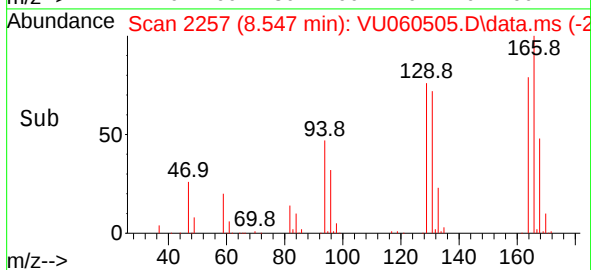
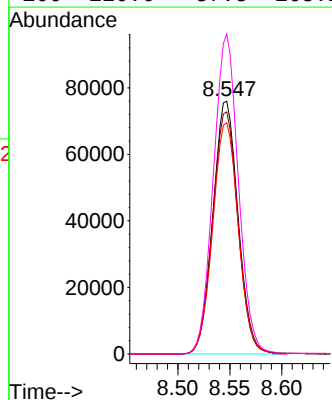
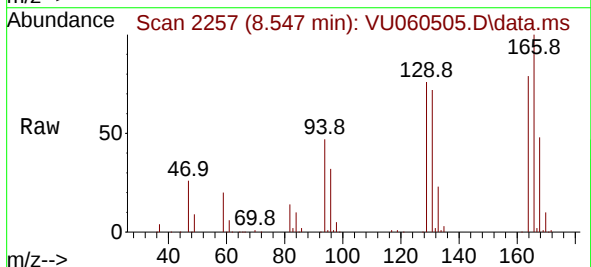
Instrument :
MSVOA_U
ClientSampleId :

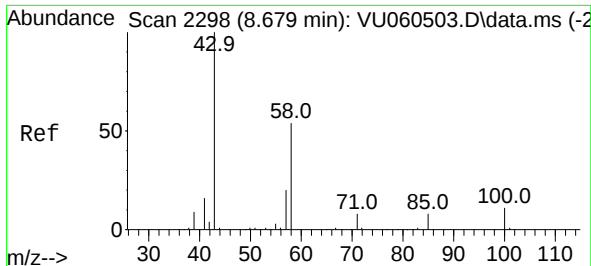
Tgt Ion:	97	Resp:	109013
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	86.8	64.1	119.1
85	55.4	42.1	78.1



#47
Tetrachloroethene
Concen: 23.257 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

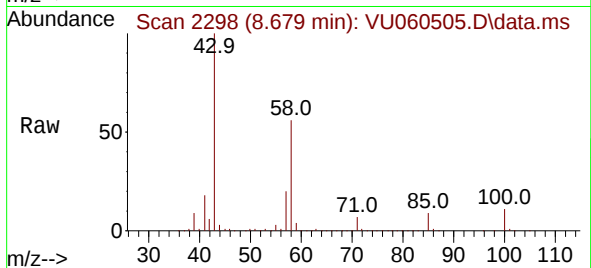
Tgt Ion:	164	Resp:	128035
Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.5	125.4
131	91.4	61.4	114.0
166	126.6	87.8	163.2



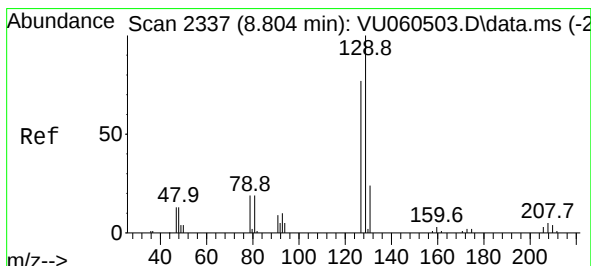
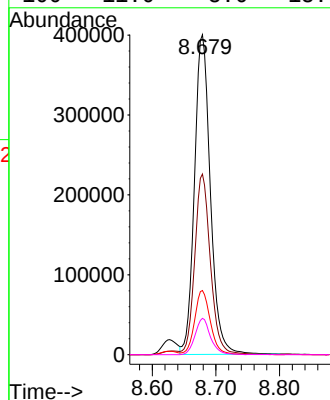
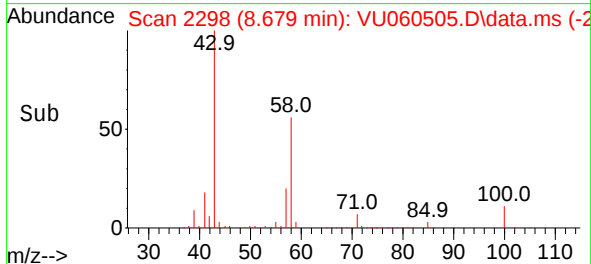


#48
2-Hexanone
Concen: 269.689 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Instrument :
MSVOA_U
ClientSampleId :

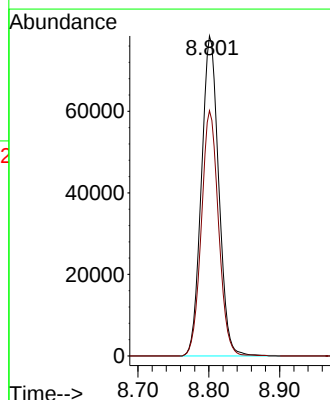
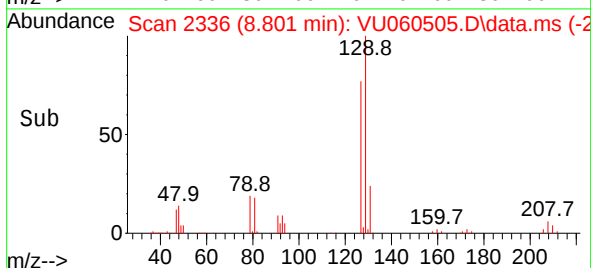
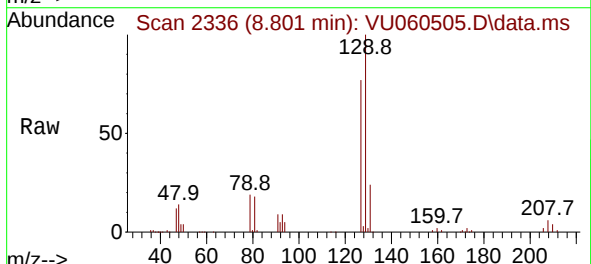


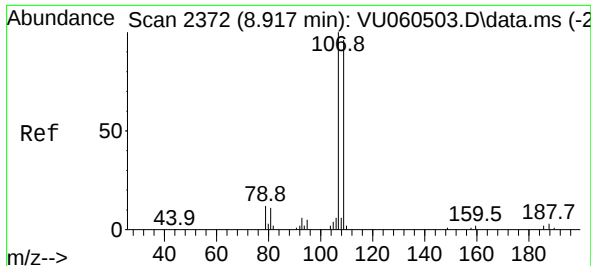
Tgt Ion: 43 Resp: 695331
Ion Ratio Lower Upper
43 100
58 55.5 43.0 64.4
57 19.8 16.4 24.6
100 11.0 8.6 13.0



#49
Dibromochloromethane
Concen: 23.048 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

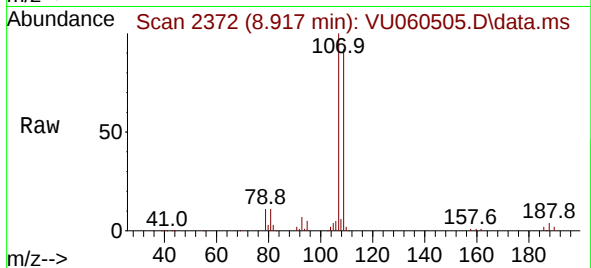
Tgt Ion: 129 Resp: 133182
Ion Ratio Lower Upper
129 100
127 76.7 54.0 100.4



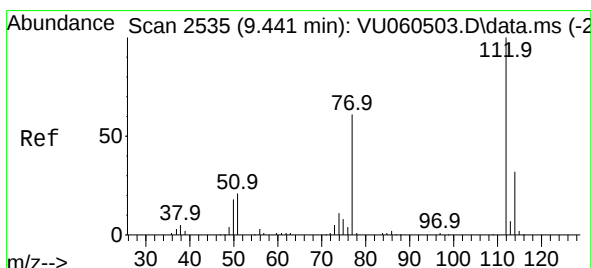
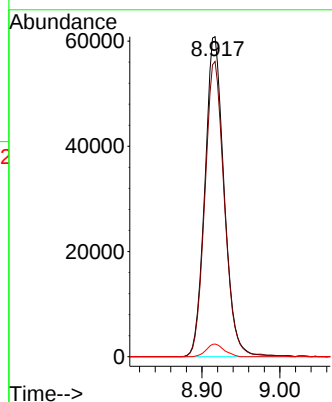
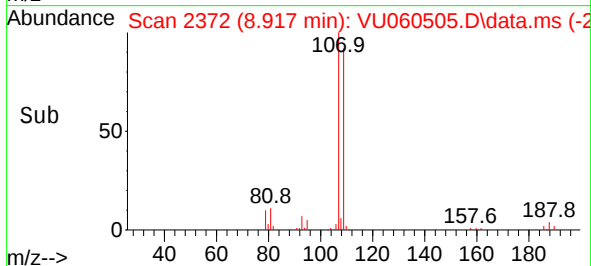


#50
1,2-Dibromoethane
Concen: 21.596 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Instrument :
MSVOA_U
ClientSampleId :

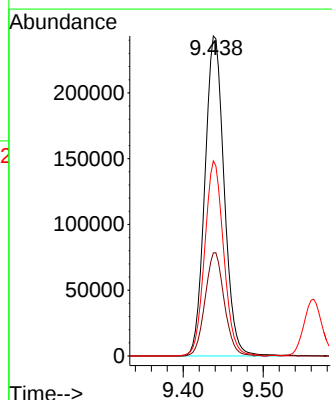
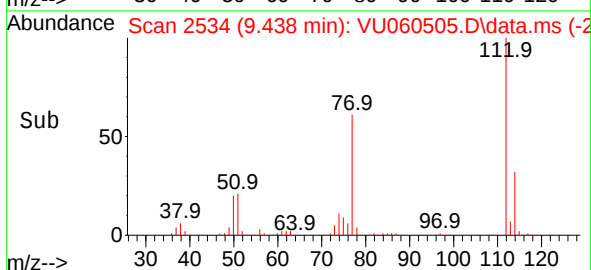
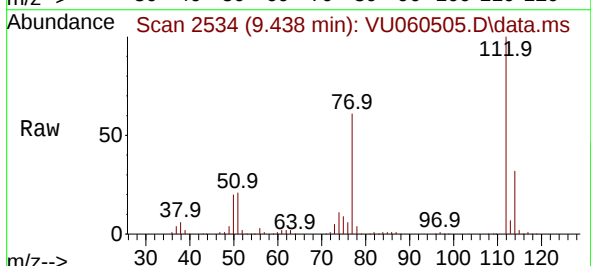


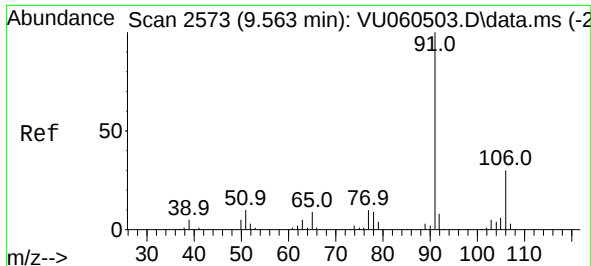
Tgt Ion:107 Resp: 104016
Ion Ratio Lower Upper
107 100
109 92.2 67.2 124.8
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 21.748 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion:112 Resp: 407880
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 60.9 49.3 73.9





#52

Ethylbenzene

Concen: 24.758 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

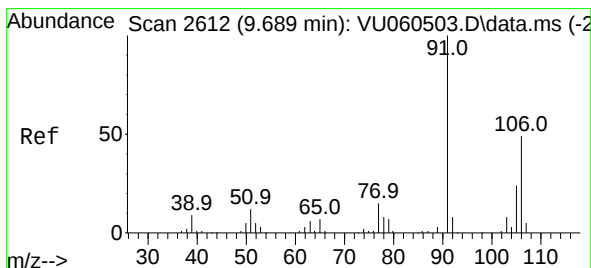
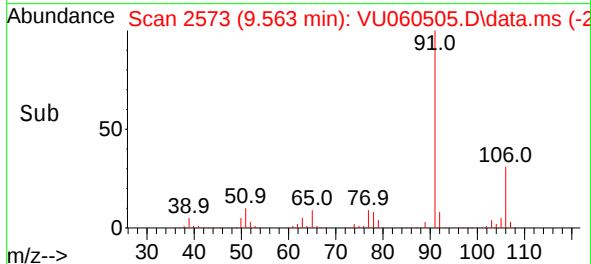
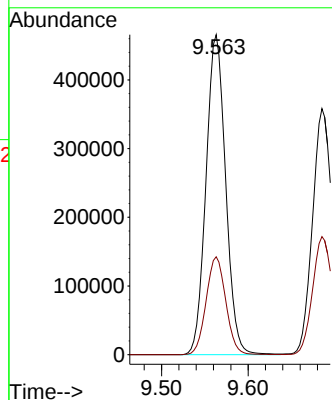
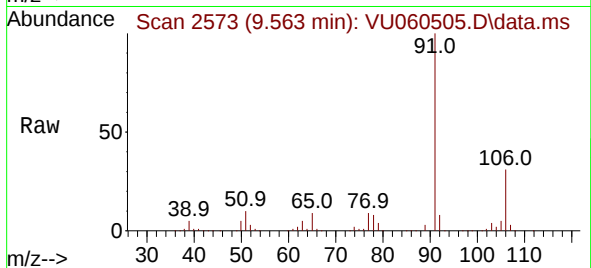
ClientSampleId :

Tgt Ion: 91 Resp: 733836

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.6



#53

m,p-Xylene

Concen: 25.009 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060505.D

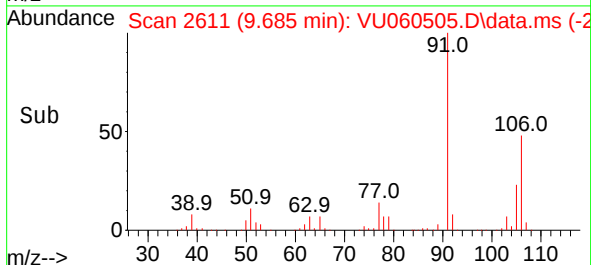
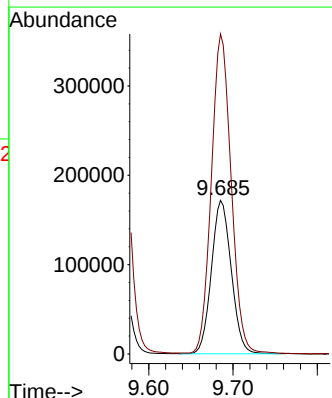
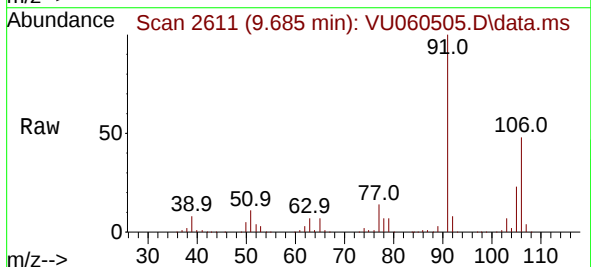
Acq: 22 Aug 2024 15:45

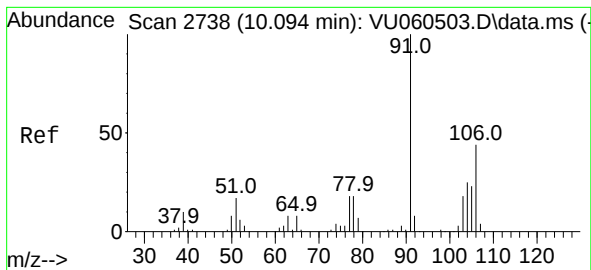
Tgt Ion:106 Resp: 280424

Ion Ratio Lower Upper

106 100

91 208.3 144.5 268.4

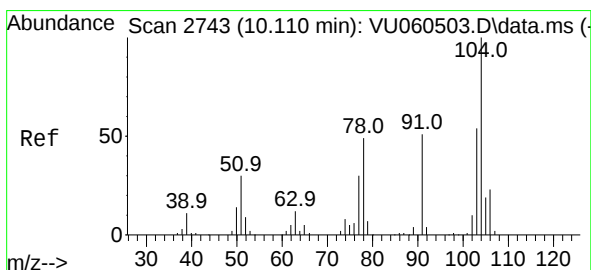
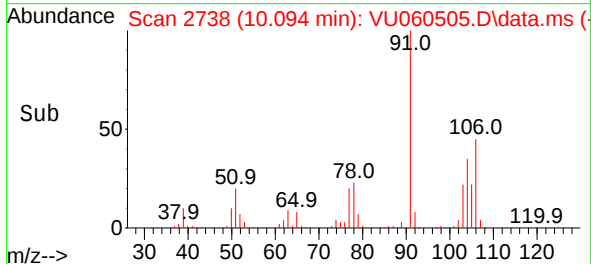
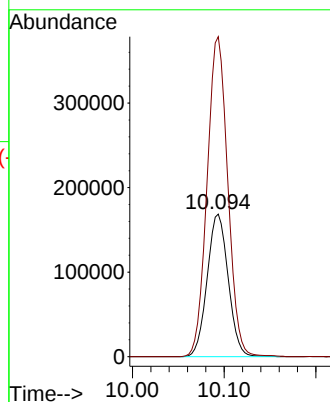
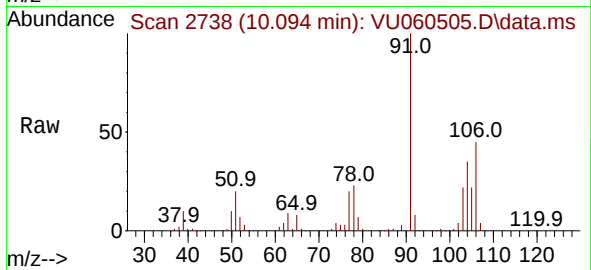




#54
o-Xylene
Concen: 25.139 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

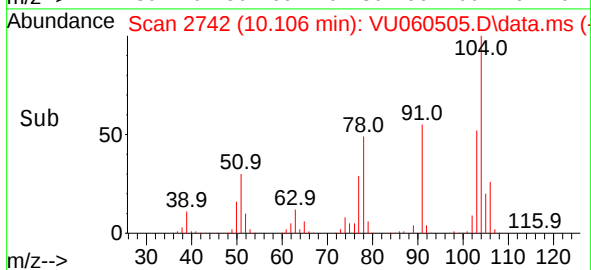
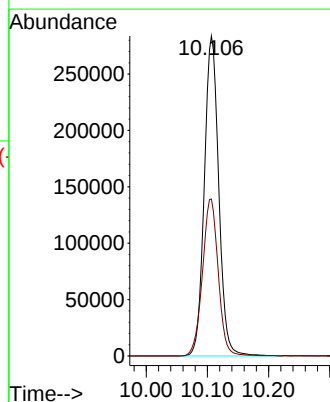
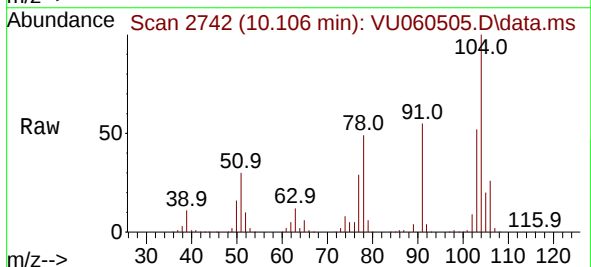
Instrument :
MSVOA_U
ClientSampleId :

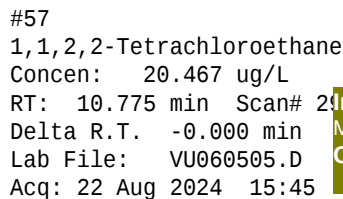
Tgt Ion:106 Resp: 268817
Ion Ratio Lower Upper
106 100
91 224.5 158.0 293.4



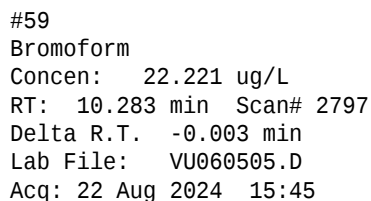
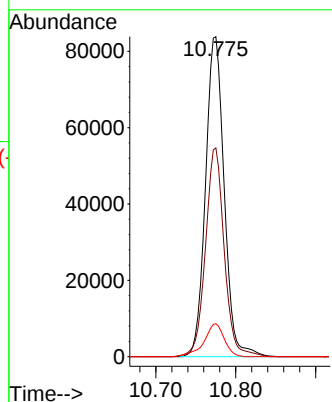
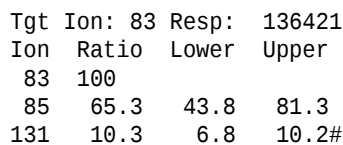
#55
Styrene
Concen: 25.224 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

Tgt Ion:104 Resp: 465271
Ion Ratio Lower Upper
104 100
78 49.1 34.4 63.8

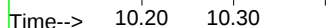
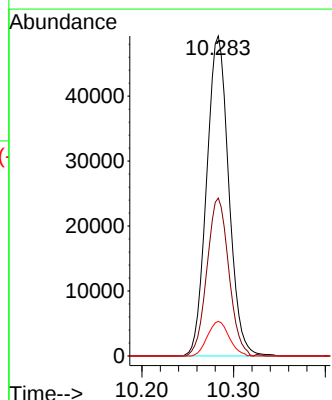


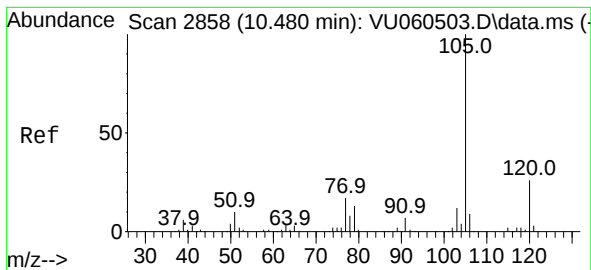


Instrument :
MSVOA_U
ClientSampleId :



Tgt	Ion:173	Resp:	82593
Ion	Ratio	Lower	Upper
173	100		
175	48.6	36.9	55.3
254	10.6	8.4	12.6





#60

Isopropylbenzene

Concen: 24.778 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

ClientSampleId :

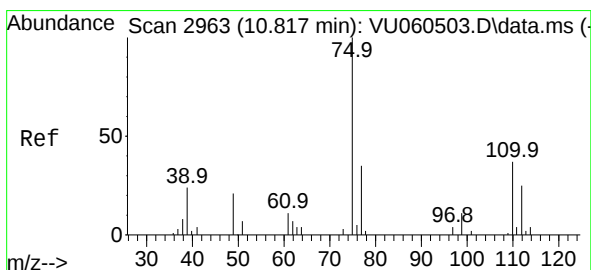
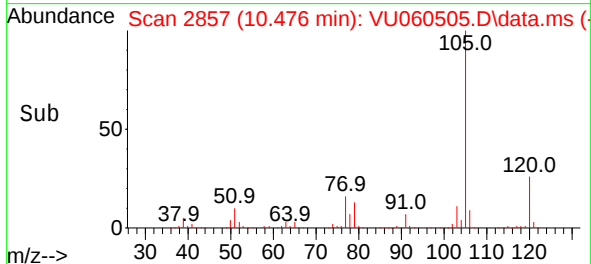
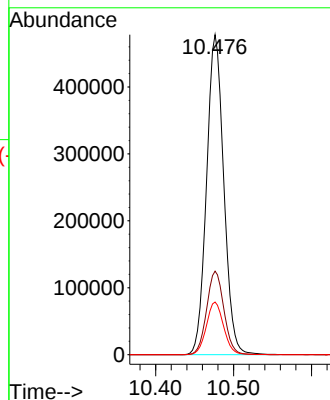
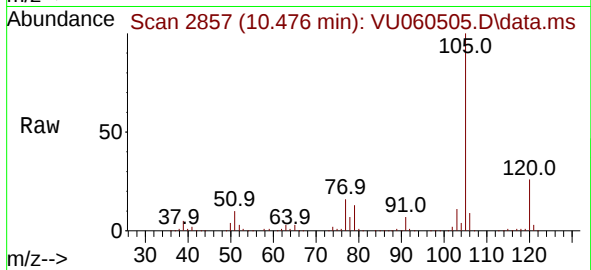
Tgt Ion:105 Resp: 734752

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.5 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 21.334 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

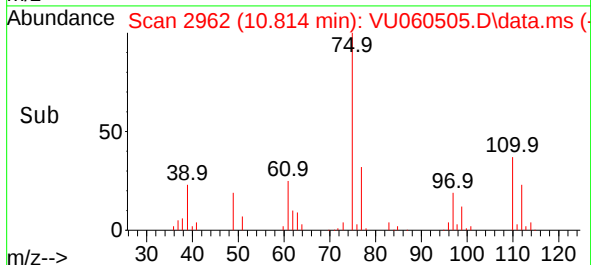
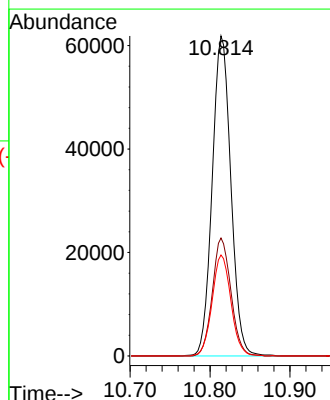
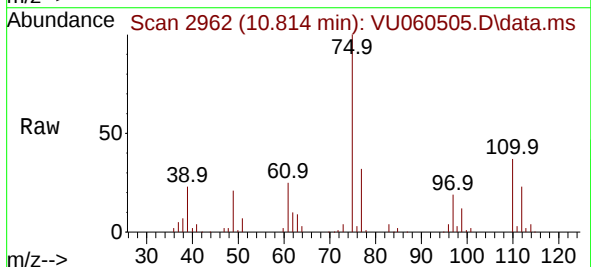
Tgt Ion: 75 Resp: 100049

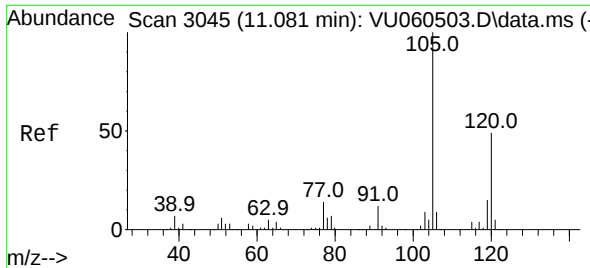
Ion Ratio Lower Upper

75 100

110 36.7 29.1 43.7

77 31.8 27.5 41.3

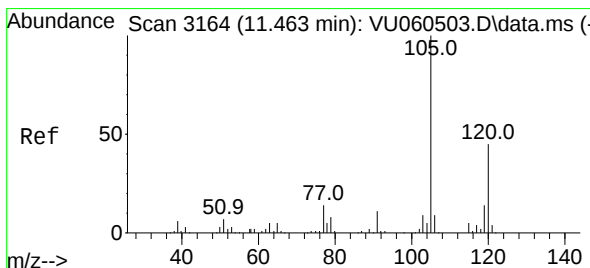
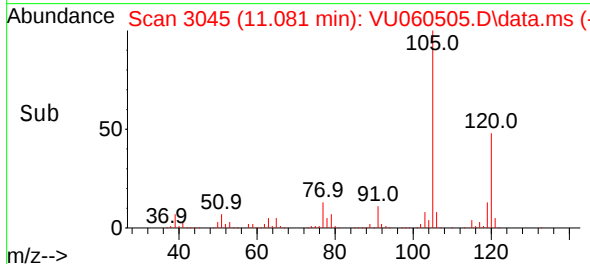
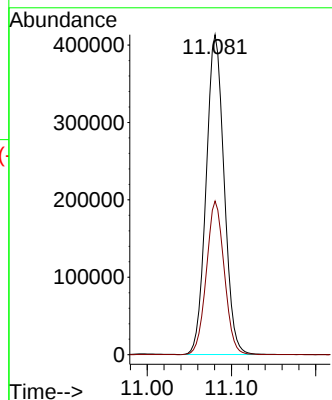
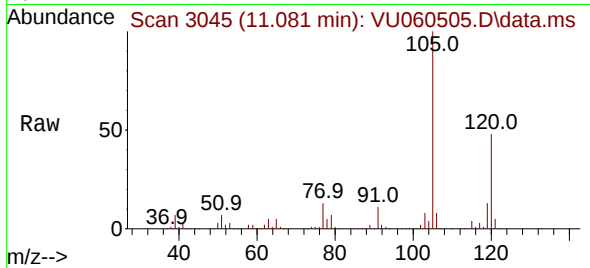




#62
1,3,5-Trimethylbenzene
Concen: 26.810 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

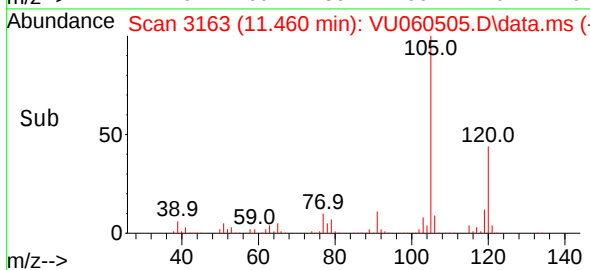
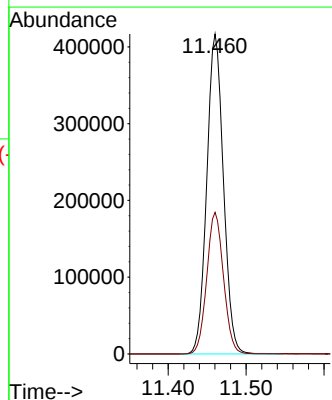
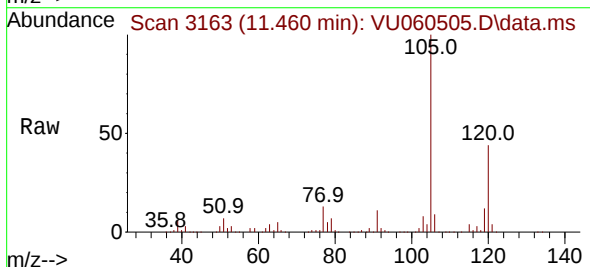
Instrument :
MSVOA_U
ClientSampleId :

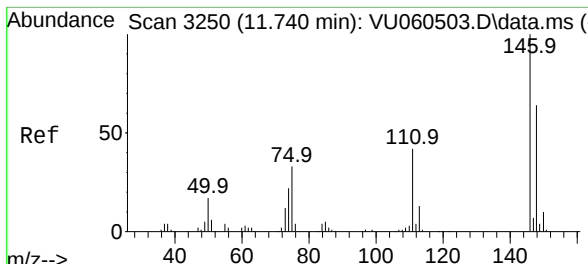
Tgt Ion:105 Resp: 613105
Ion Ratio Lower Upper
105 100
120 47.9 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 26.224 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

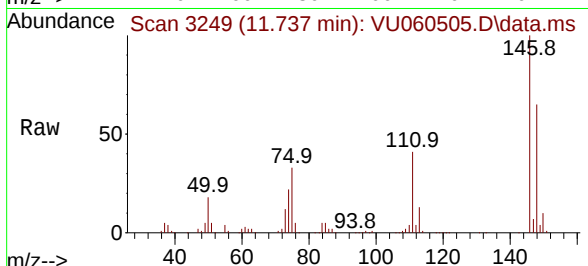
Tgt Ion:105 Resp: 619611
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0



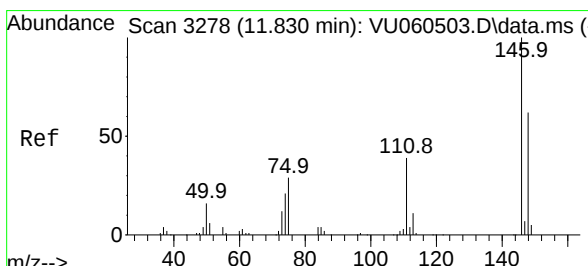
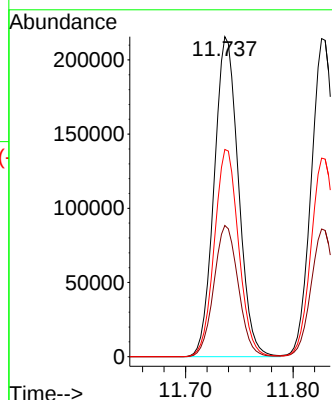
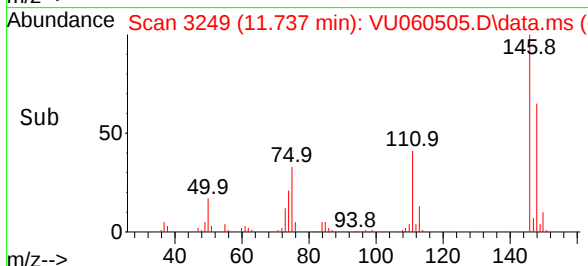


#64
1,3-Dichlorobenzene
Concen: 21.235 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

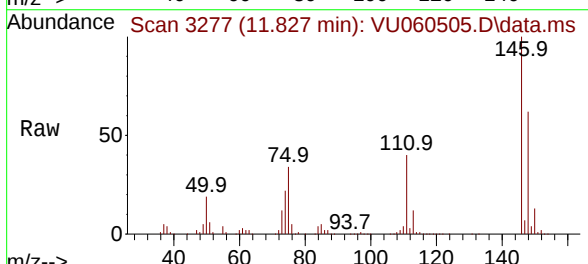
Instrument :
MSVOA_U
ClientSampleId :



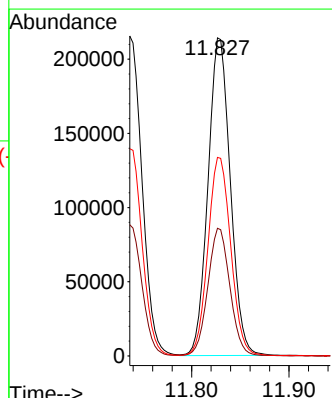
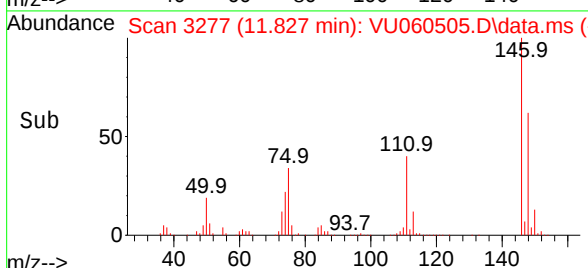
Tgt Ion:146 Resp: 338664
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 64.7 45.0 83.6

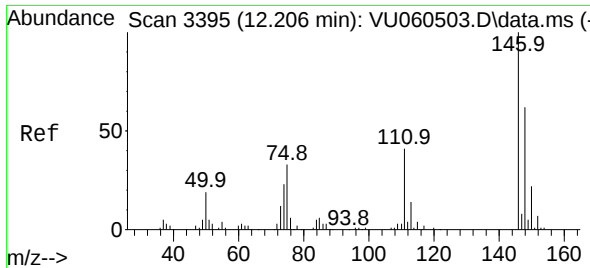


#65
1,4-Dichlorobenzene
Concen: 21.357 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45



Tgt Ion:146 Resp: 341208
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 62.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 22.618 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

ClientSampleId :

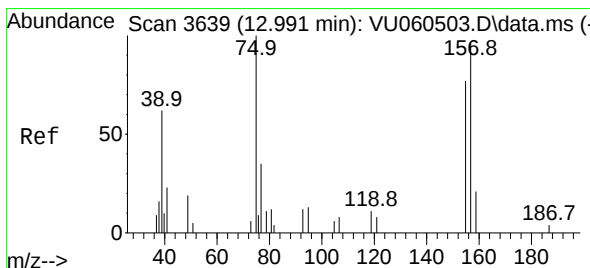
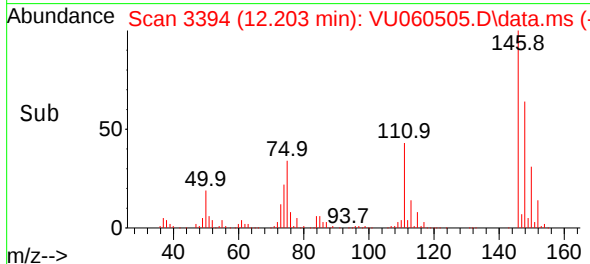
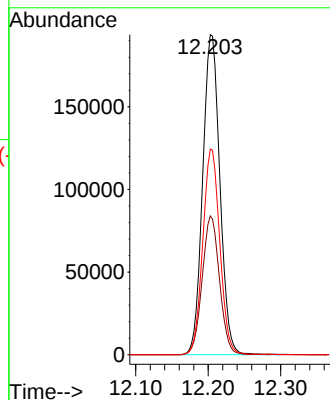
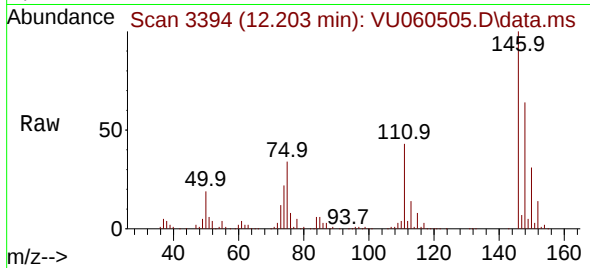
Tgt Ion:146 Resp: 319300

Ion Ratio Lower Upper

146 100

111 43.3 32.7 49.1

148 64.3 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.340 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

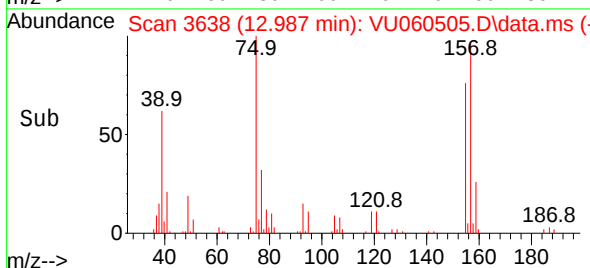
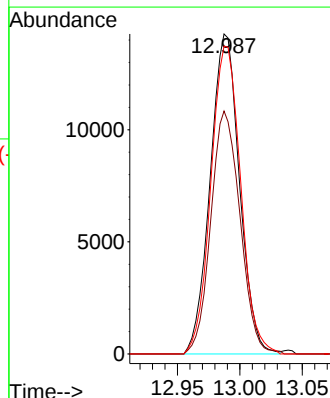
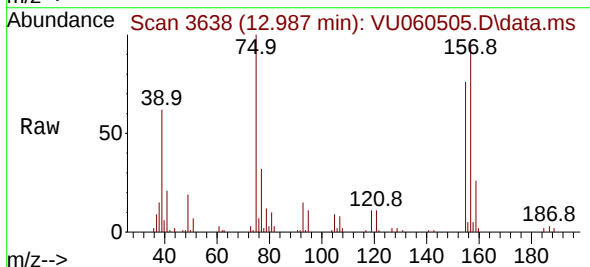
Tgt Ion: 75 Resp: 23354

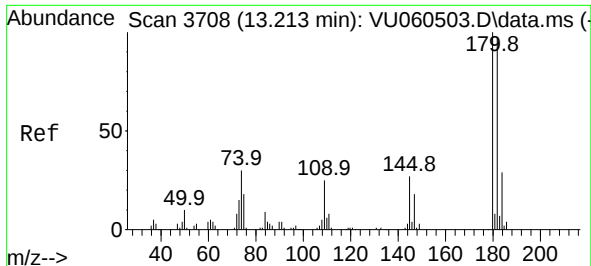
Ion Ratio Lower Upper

75 100

155 75.9 61.3 91.9

157 96.2 76.6 115.0





#69

1,3,5-Trichlorobenzene

Concen: 22.936 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

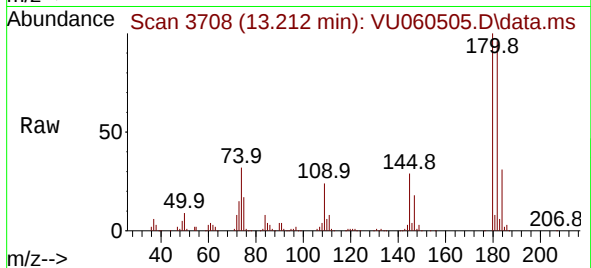
Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 260457

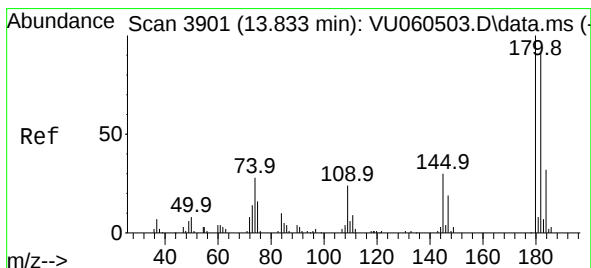
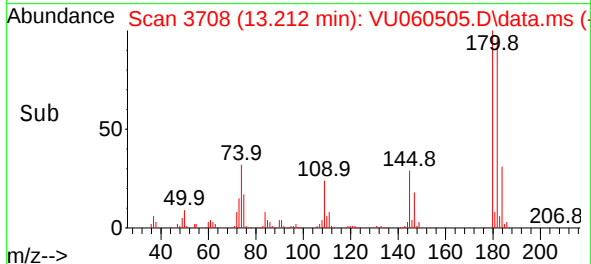
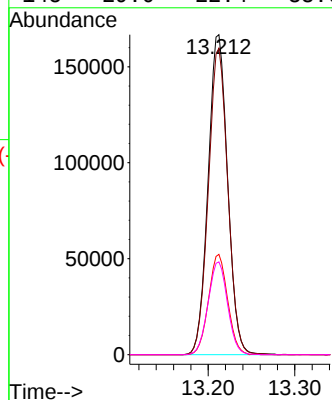
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

184 30.8 24.2 36.2

145 29.0 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 24.313 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060505.D

Acq: 22 Aug 2024 15:45

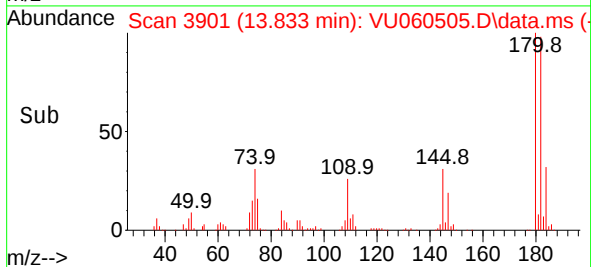
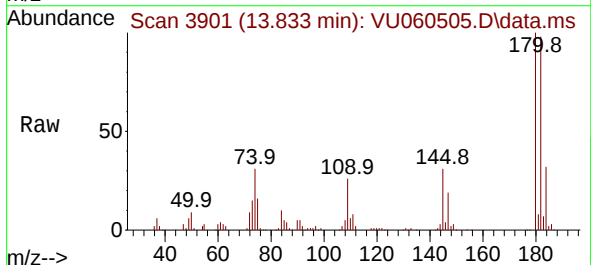
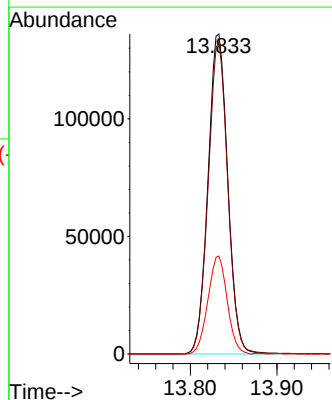
Tgt Ion:180 Resp: 215748

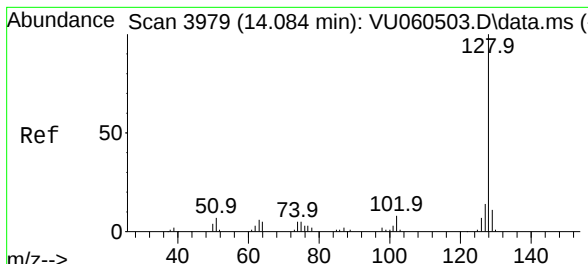
Ion Ratio Lower Upper

180 100

182 96.6 75.0 112.6

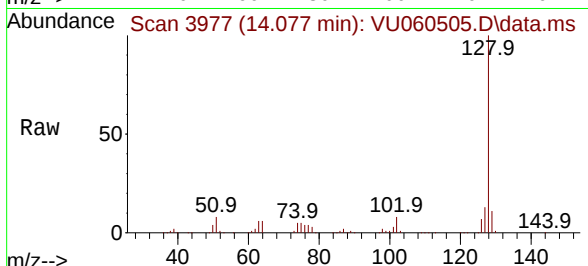
145 29.8 23.2 34.8



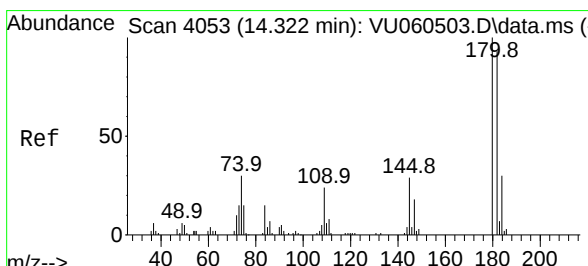
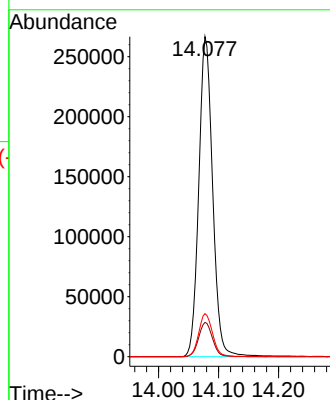
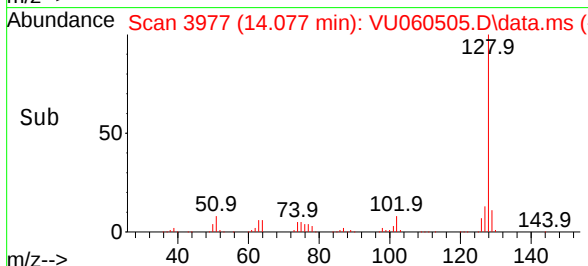


#71
Naphthalene
Concen: 34.562 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.007 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45

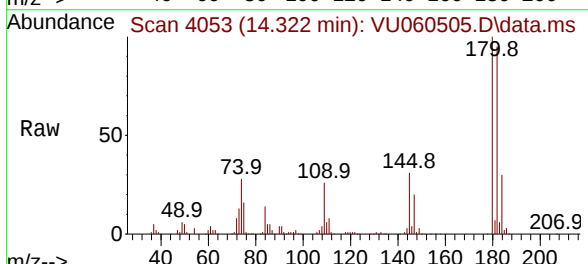
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 429408
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.4 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 33.493 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060505.D
Acq: 22 Aug 2024 15:45



Tgt Ion:180 Resp: 264910
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 31.3 24.0 36.0

