

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060506.D
 Acq On : 22 Aug 2024 16:46
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 23 07:14:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:59:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92010	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	94814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18281	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.907	69	27373	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.550	65	14878	5.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.637	46	73731	49.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	5.055	84	58191	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	29627	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	102118	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	34316	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	93255	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	12011	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.643	63	56742	52.847	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	27162	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	33861	5.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49230	4.588	ug/L	97
3) Chloromethane	1.518	50	42827	4.886	ug/L	94
5) Vinyl chloride	1.602	62	41773	5.019	ug/L	99
6) Bromomethane	1.856	94	35767	4.779	ug/L	95
8) Chloroethane	1.930	64	34600	4.402	ug/L	98
9) Trichlorofluoromethane	2.123	101	85535	4.589	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	46502	5.021	ug/L	99
12) 1,1-Dichloroethene	2.567	96	45360	5.440	ug/L	87
13) Acetone	2.650	43	79687	55.915	ug/L	96
14) Carbon disulfide	2.779	76	154826	5.268	ug/L	99
15) Methyl Acetate	2.959	43	19114	5.568	ug/L #	70
16) Methylene chloride	3.033	84	51534	5.280	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	104041	5.722	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	43460	5.519	ug/L	98
19) 1,1-Dichloroethane	3.856	63	87622	5.765	ug/L	99
21) 2-Butanone	4.721	43	89008	50.615	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	34661	4.895	ug/L	94
23) Bromochloromethane	4.968	128	16580	5.101	ug/L	91
25) Chloroform	5.078	83	69310	4.792	ug/L	97

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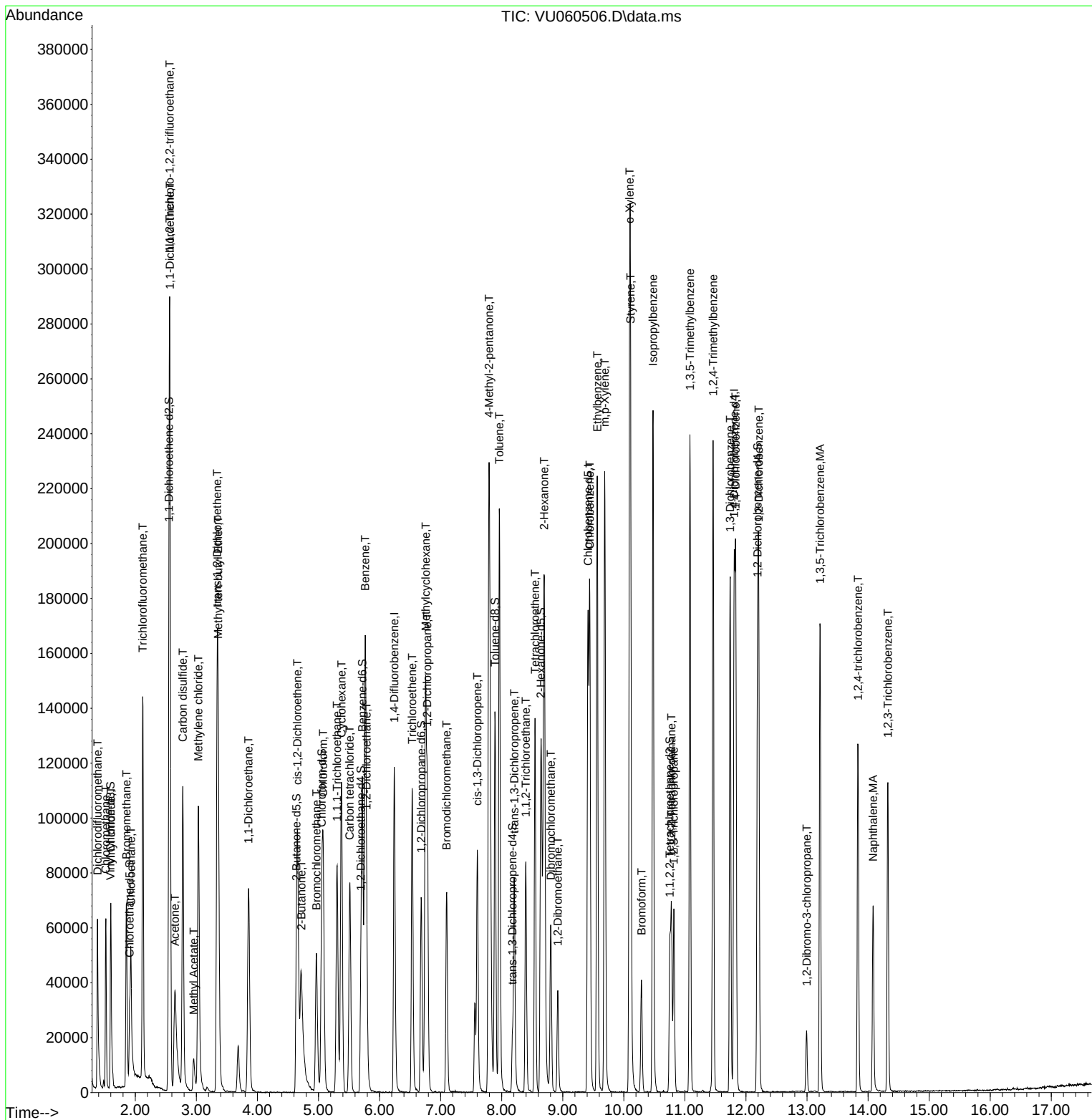
Instrument :
 MSVOA_U
 ClientSampleId :

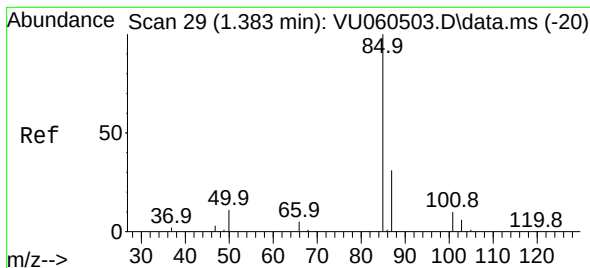
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46575	4.883	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	61054	4.791	ug/L	99
30) Cyclohexane	5.377	56	53525	4.881	ug/L	99
31) Carbon tetrachloride	5.512	117	53421	4.660	ug/L	99
33) Benzene	5.766	78	143983	4.974	ug/L	100
34) Trichloroethene	6.534	95	36892	4.630	ug/L	97
35) Methylcyclohexane	6.756	83	53051	4.685	ug/L	98
37) 1,2-Dichloropropane	6.782	63	39160	4.932	ug/L	99
38) Bromodichloromethane	7.097	83	47976	4.776	ug/L #	98
39) cis-1,3-Dichloropropene	7.602	75	53882	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.795	43	223128	53.044	ug/L	99
42) Toluene	7.962	91	154746	4.987	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	46581	5.033	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	26502	4.851	ug/L	99
47) Tetrachloroethene	8.547	164	29472	4.615	ug/L	98
48) 2-Hexanone	8.695	43	173173	55.372	ug/L	98
49) Dibromochloromethane	8.804	129	32979	5.049	ug/L	93
50) 1,2-Dibromoethane	8.920	107	24351	4.904	ug/L #	96
51) Chlorobenzene	9.444	112	95880	4.757	ug/L	99
52) Ethylbenzene	9.566	91	157457	4.797	ug/L	100
53) m,p-Xylene	9.688	106	64017	5.258	ug/L	95
54) o-Xylene	10.097	106	59275	5.082	ug/L	95
55) Styrene	10.113	104	105016	5.210	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	32912	4.916	ug/L #	96
59) Bromoform	10.290	173	18846	5.178	ug/L	94
60) Isopropylbenzene	10.479	105	156426	5.492	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	28154	6.416	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	126131	5.603	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	127394	5.443	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	74579	4.973	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	73775	4.916	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	69486	5.193	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	6298	7.010	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	53549	5.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	40744	5.127	ug/L	100
71) Naphthalene	14.084	128	57388	5.236	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	35572	4.753	ug/L	99

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

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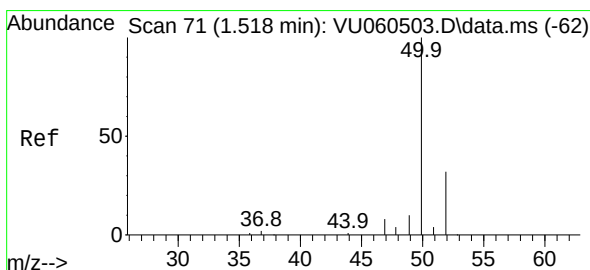
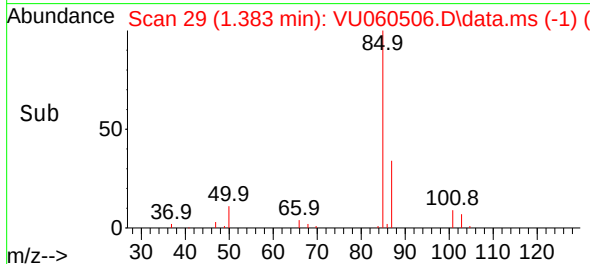
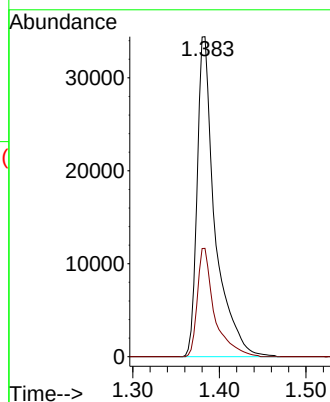
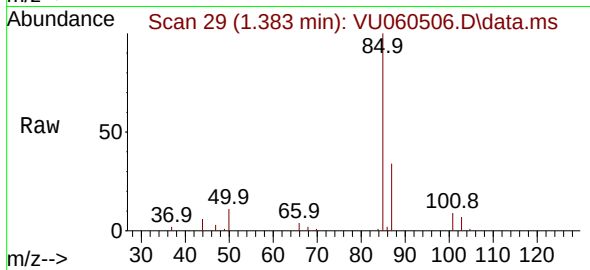




#2
 Dichlorodifluoromethane
 Concen: 4.588 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

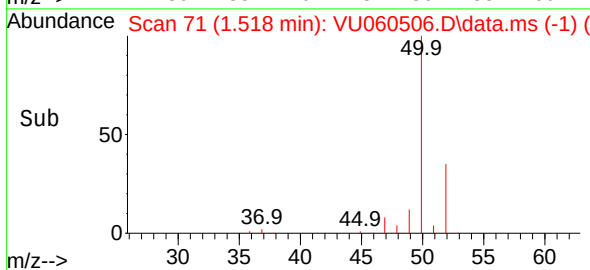
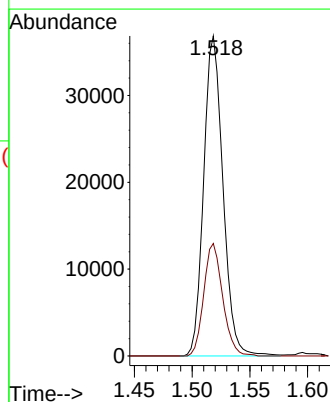
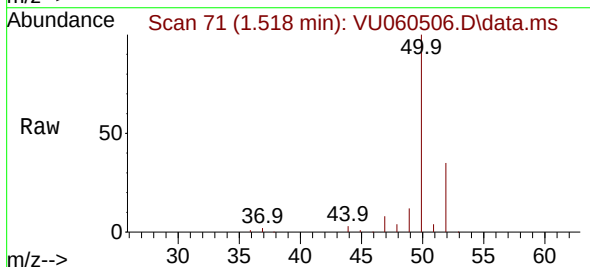
Instrument :
 MSVOA_U
 ClientSampleId :

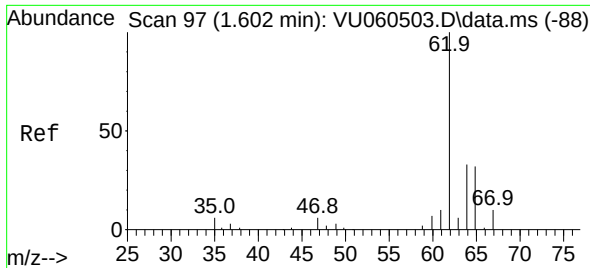
Tgt Ion: 85 Resp: 49230
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.6 37.0



#3
 Chloromethane
 Concen: 4.886 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

Tgt Ion: 50 Resp: 42827
 Ion Ratio Lower Upper
 50 100
 52 35.1 22.2 41.2

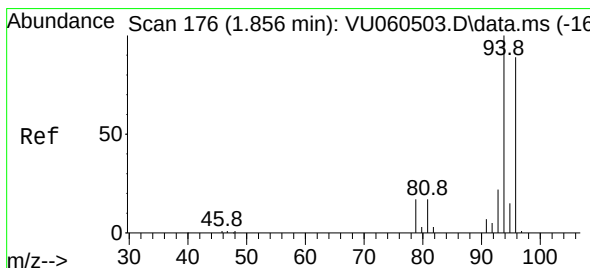
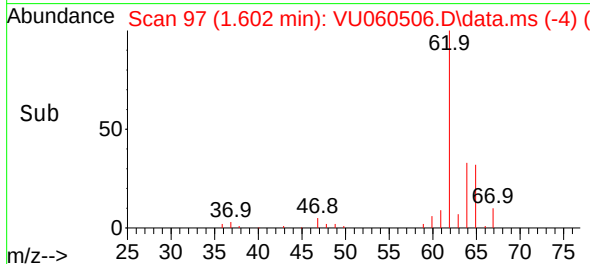
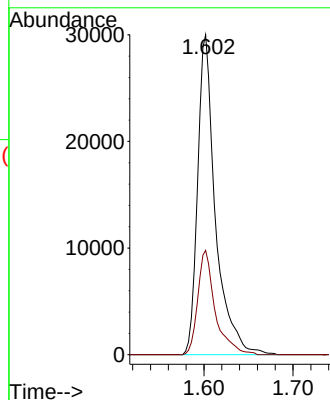
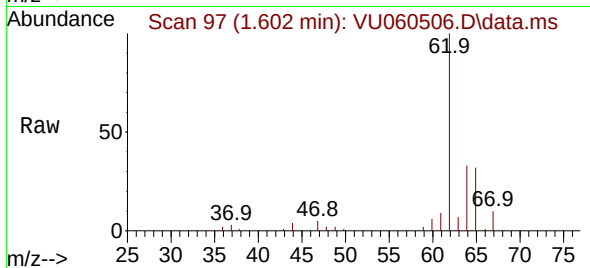




#5
 Vinyl chloride
 Concen: 5.019 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

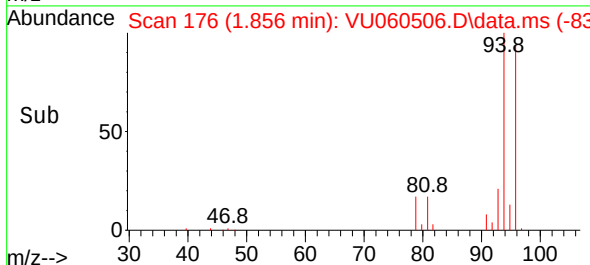
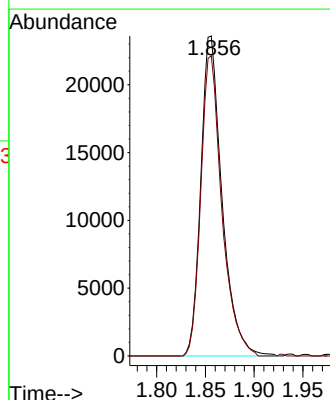
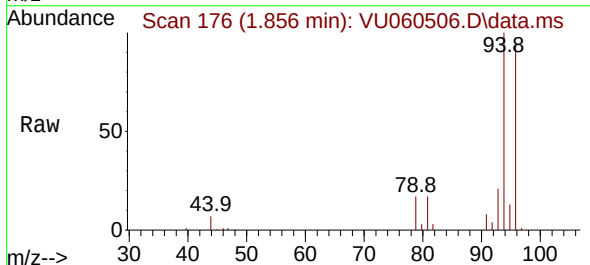
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 ClientSampleId :

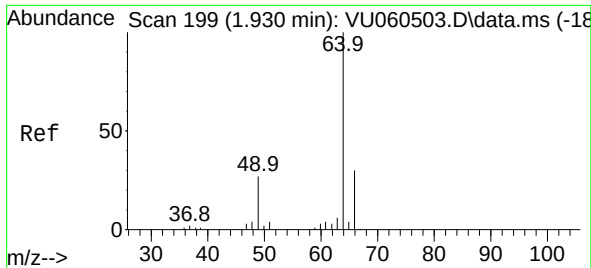
Tgt Ion: 62 Resp: 41773
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 4.779 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

Tgt Ion: 94 Resp: 35767
 Ion Ratio Lower Upper
 94 100
 96 93.8 62.4 115.8

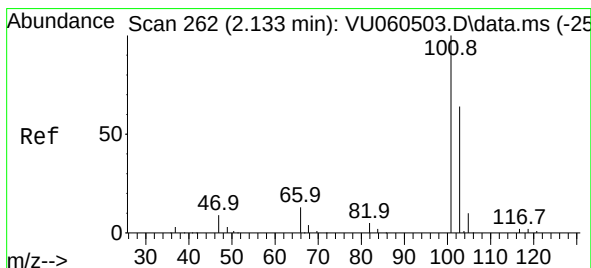
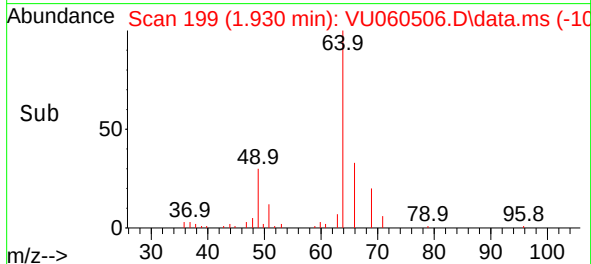
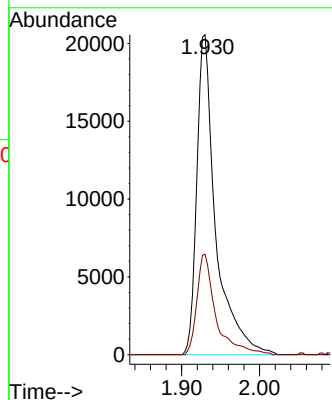
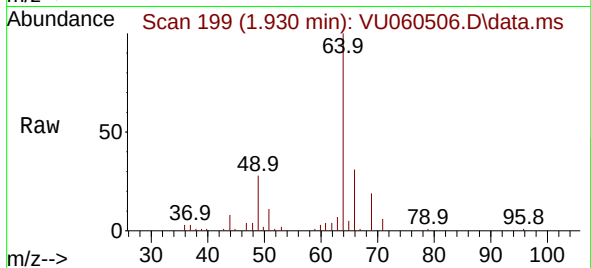




#8
Chloroethane
Concen: 4.402 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

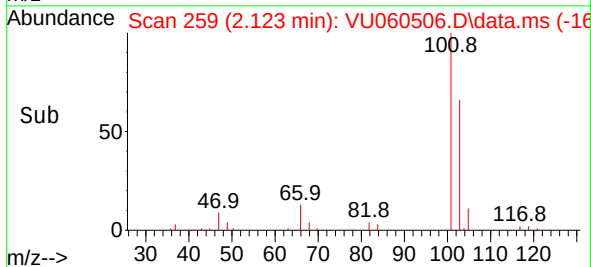
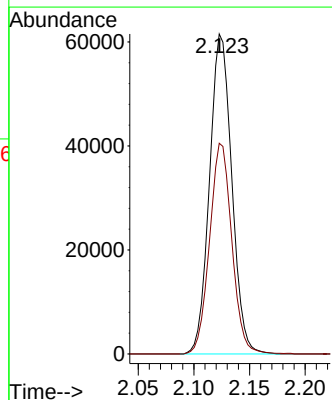
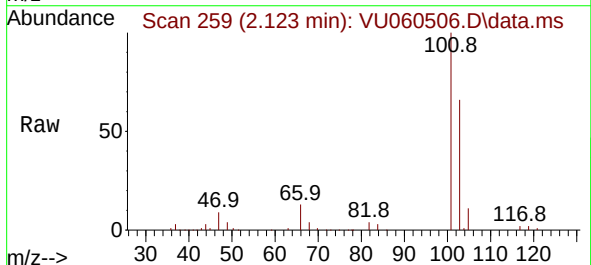
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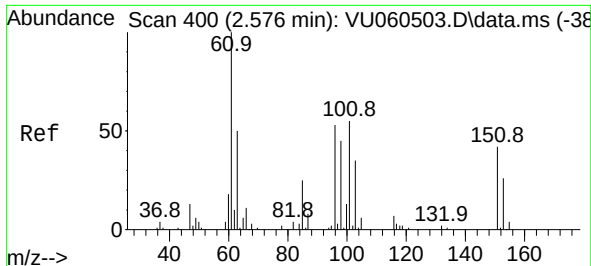
Tgt Ion: 64 Resp: 34600
Ion Ratio Lower Upper
64 100
66 31.4 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.589 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.010 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion:101 Resp: 85535
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5

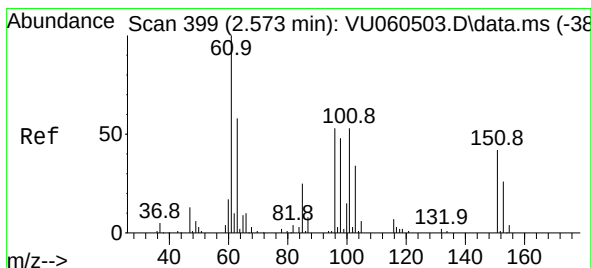
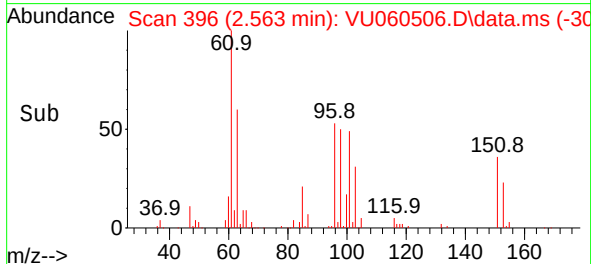
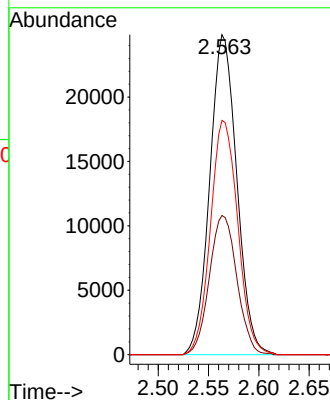
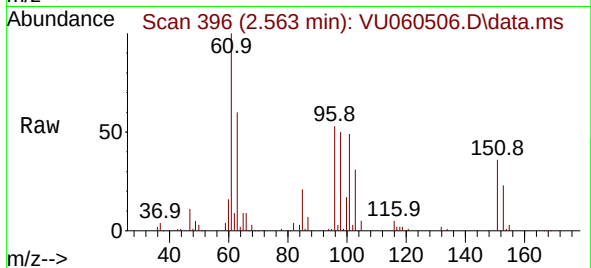




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.021 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.013 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

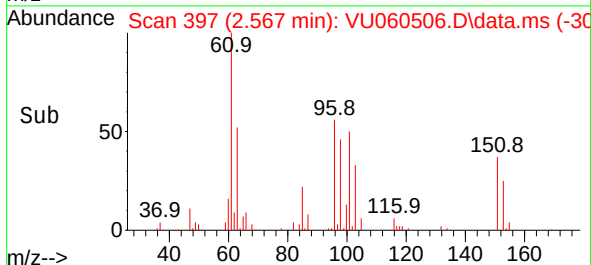
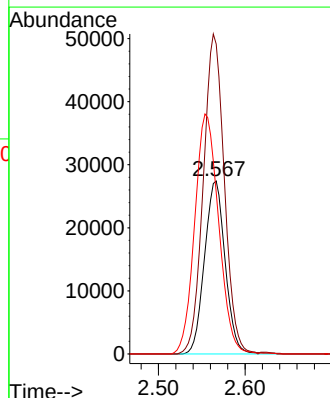
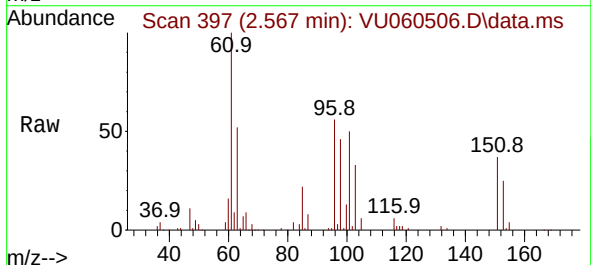
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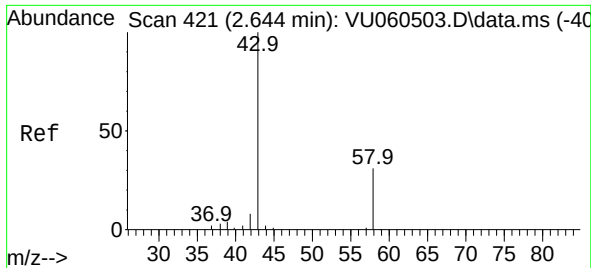
Tgt Ion:101 Resp: 46502
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.2 54.2
 151 73.9 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 5.440 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

Tgt Ion: 96 Resp: 45360
 Ion Ratio Lower Upper
 96 100
 61 179.1 133.6 248.0
 63 93.5 80.8 150.2





#13

Acetone

Concen: 55.915 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

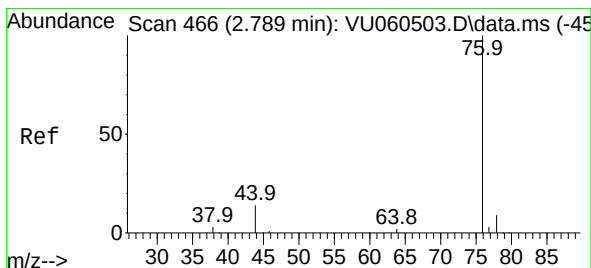
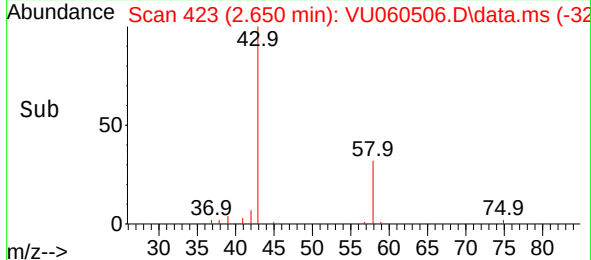
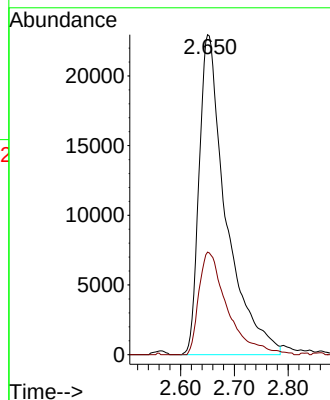
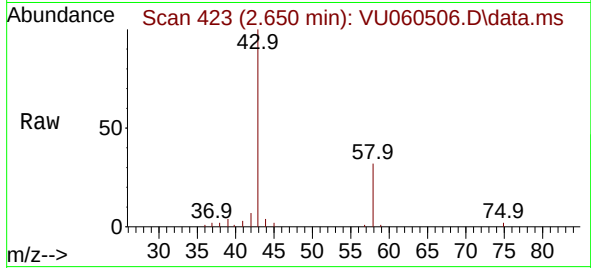
ClientSampleId :

Tgt Ion: 43 Resp: 79687

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.6



#14

Carbon disulfide

Concen: 5.268 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.010 min

Lab File: VU060506.D

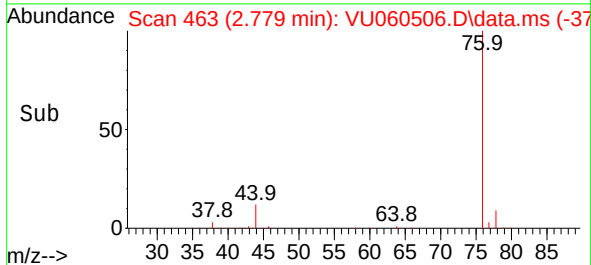
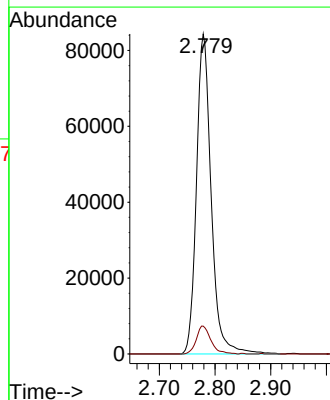
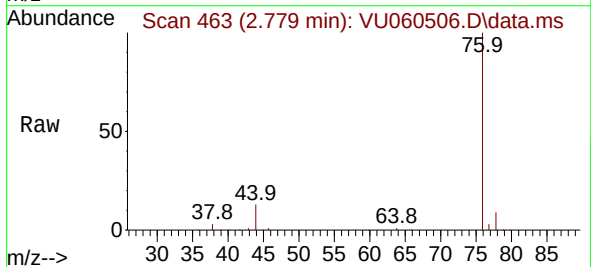
Acq: 22 Aug 2024 16:46

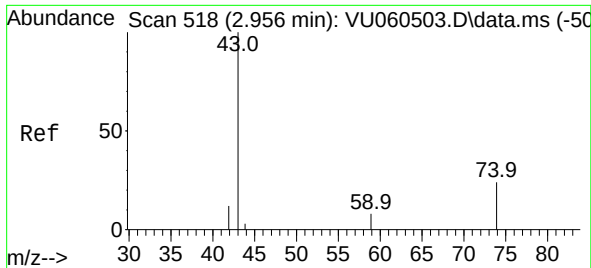
Tgt Ion: 76 Resp: 154826

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7





#15

Methyl Acetate

Concen: 5.568 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

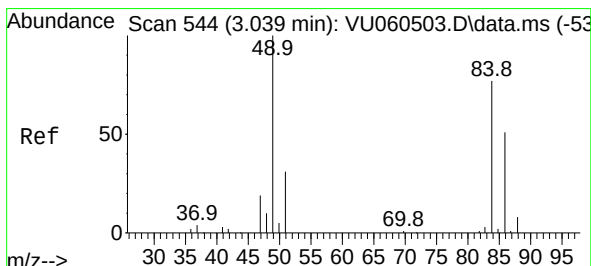
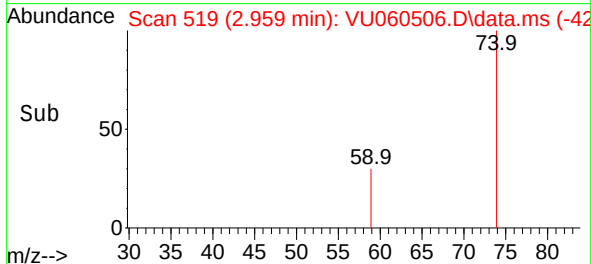
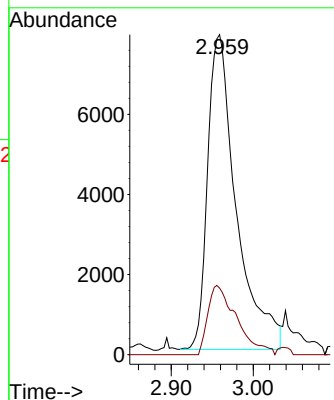
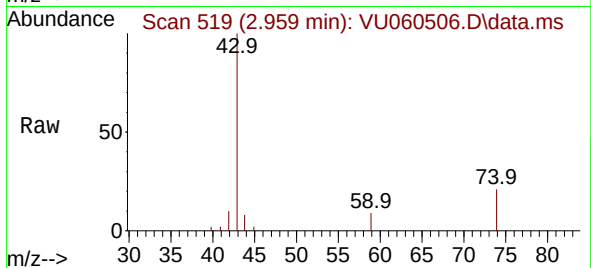
ClientSampleId :

Tgt Ion: 43 Resp: 19114

Ion Ratio Lower Upper

43 100

74 22.1 8.5 12.7#



#16

Methylene chloride

Concen: 5.280 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.007 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

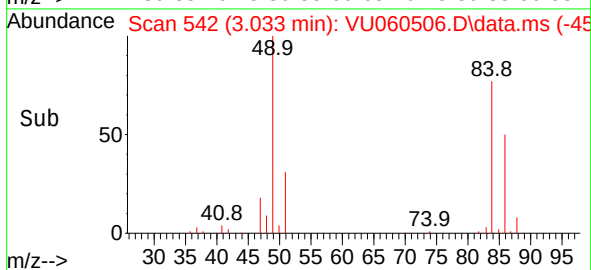
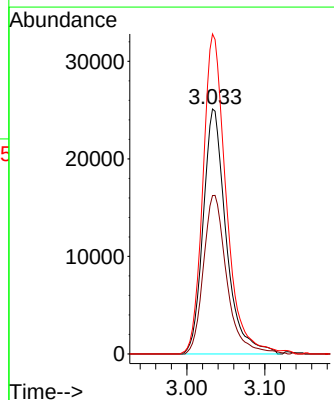
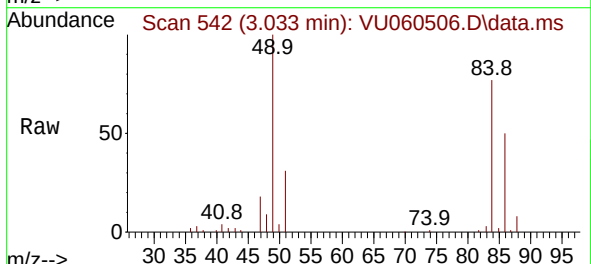
Tgt Ion: 84 Resp: 51534

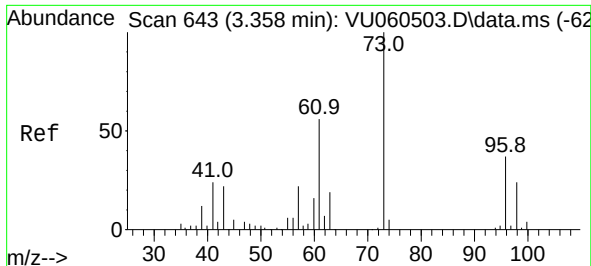
Ion Ratio Lower Upper

84 100

86 64.7 46.7 86.7

49 130.6 91.0 169.0





#17

Methyl tert-butyl Ether

Concen: 5.722 ug/L

RT: 3.357 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

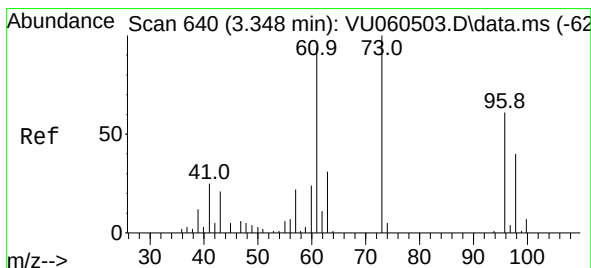
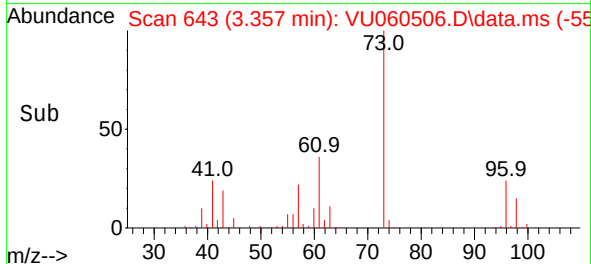
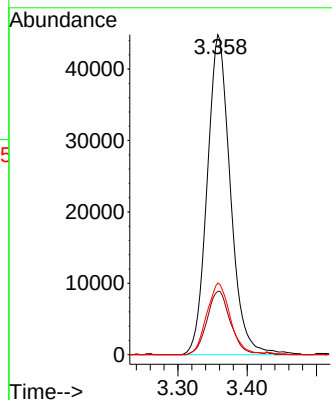
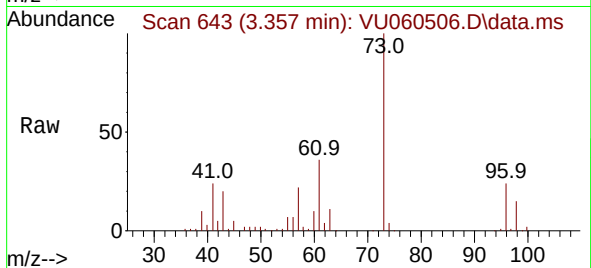
Tgt Ion: 73 Resp: 104041

Ion Ratio Lower Upper

73 100

43 20.1 17.5 26.3

57 22.8 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.519 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.007 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

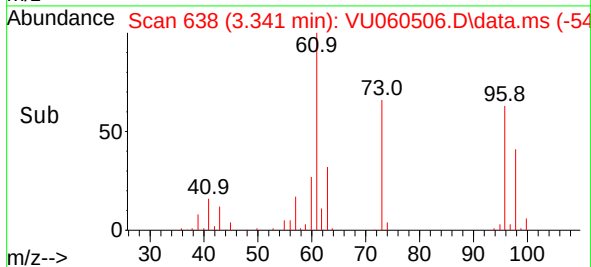
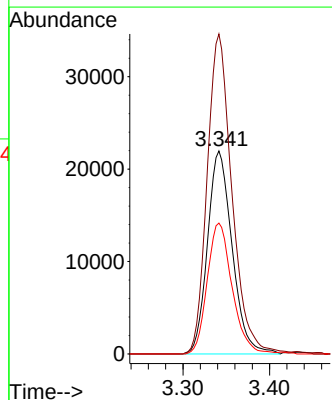
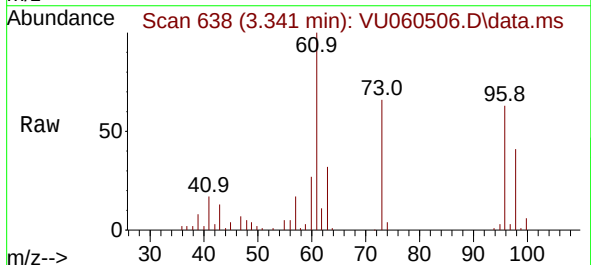
Tgt Ion: 96 Resp: 43460

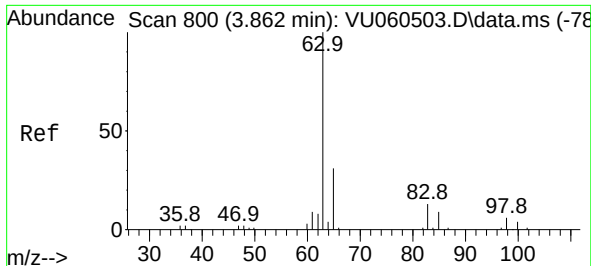
Ion Ratio Lower Upper

96 100

61 157.6 108.4 201.4

98 64.5 45.4 84.2

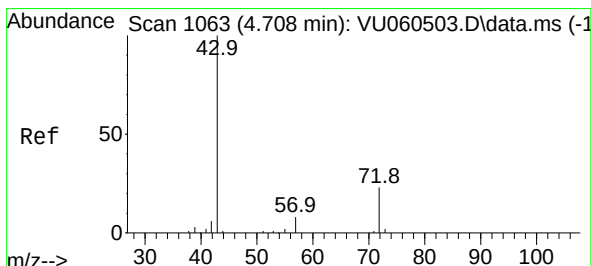
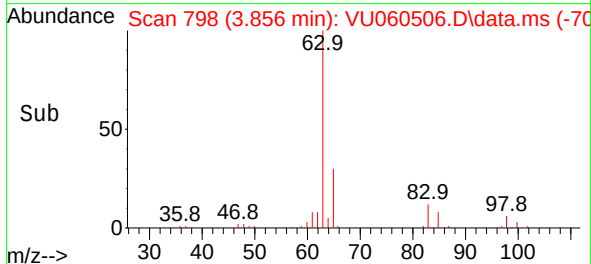
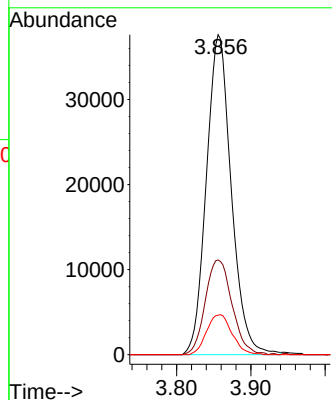
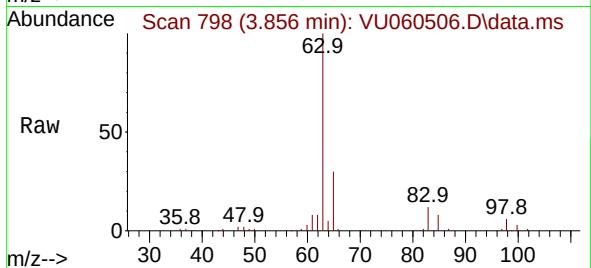




#19
1,1-Dichloroethane
Concen: 5.765 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.007 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

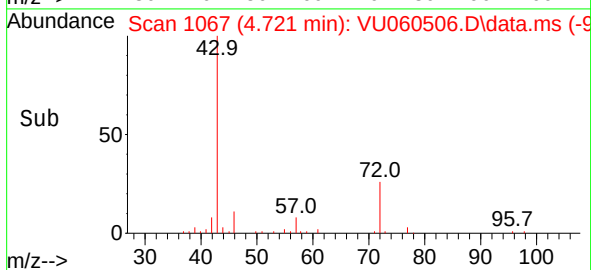
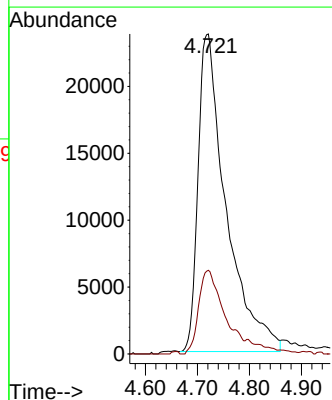
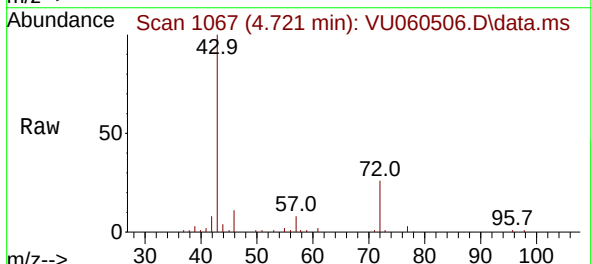
Instrument :
MSVOA_U
ClientSampleId :

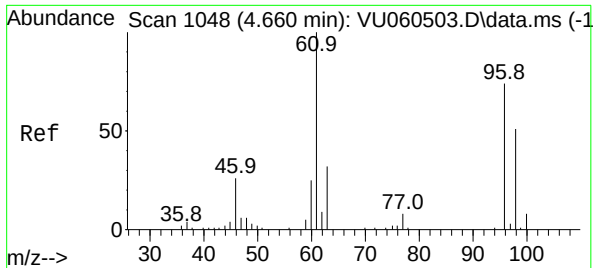
Tgt Ion: 63 Resp: 87622
Ion Ratio Lower Upper
63 100
65 30.2 21.4 39.8
83 12.3 9.4 17.4



#21
2-Butanone
Concen: 50.615 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion: 43 Resp: 89008
Ion Ratio Lower Upper
43 100
72 23.6 12.3 36.8

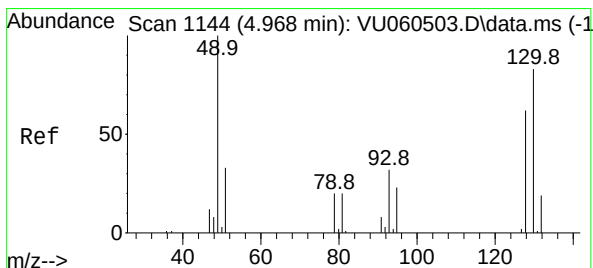
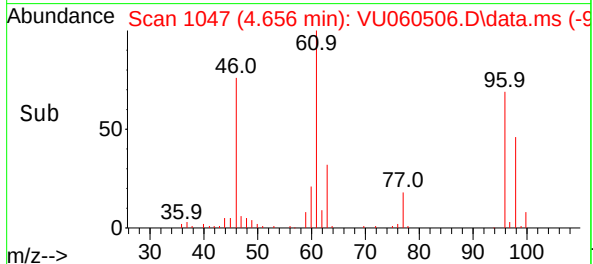
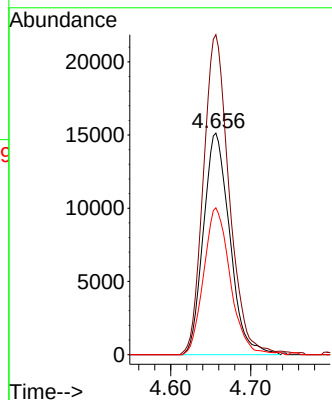
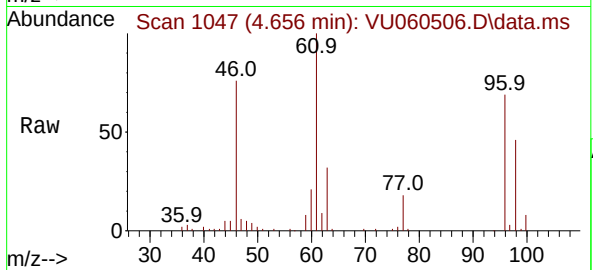




#22
 cis-1,2-Dichloroethene
 Concen: 4.895 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

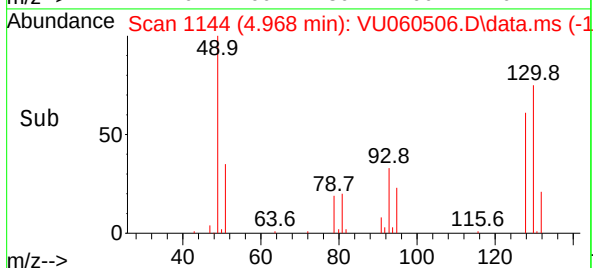
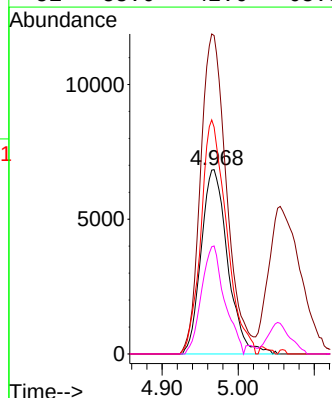
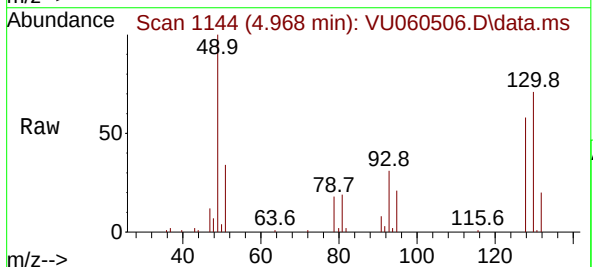
Instrument :
 MSVOA_U
 ClientSampleId :

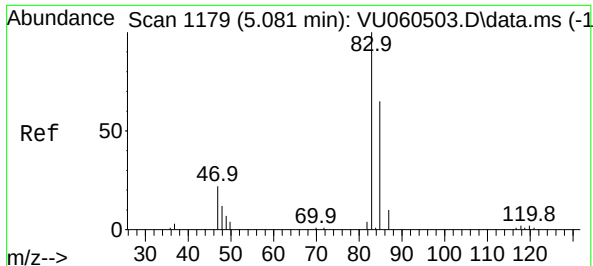
Tgt Ion: 96 Resp: 34661
 Ion Ratio Lower Upper
 96 100
 61 144.4 94.6 175.8
 98 66.3 48.2 89.6



#23
 Bromochloromethane
 Concen: 5.101 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

Tgt Ion:128 Resp: 16580
 Ion Ratio Lower Upper
 128 100
 49 172.7 112.4 208.8
 130 123.0 93.7 173.9
 51 58.6 42.6 63.8

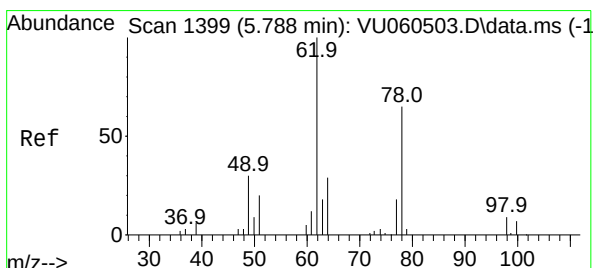
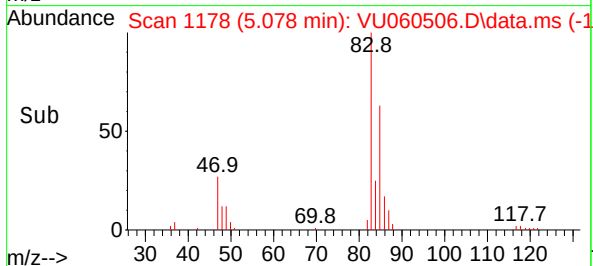
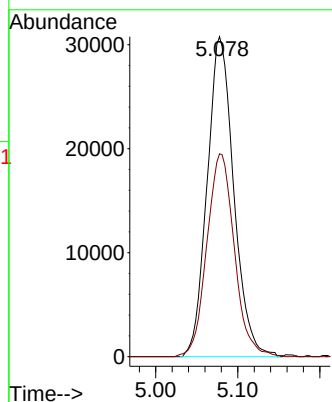
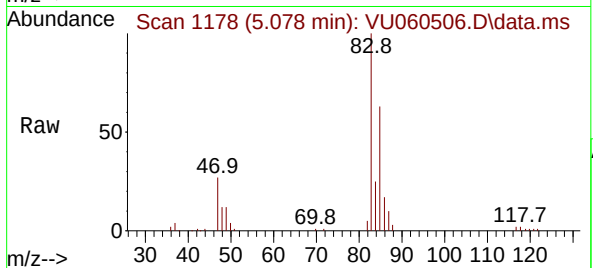




#25
Chloroform
Concen: 4.792 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

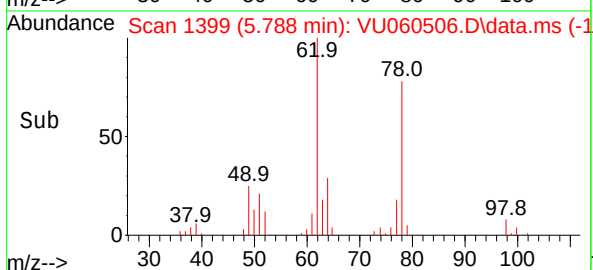
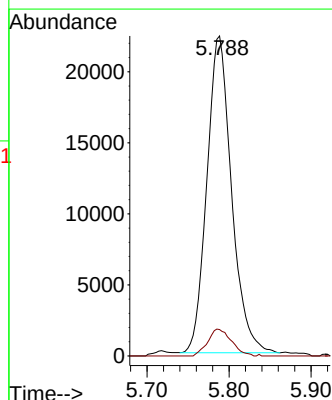
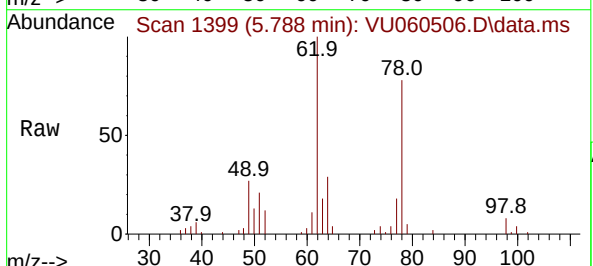
Instrument :
MSVOA_U
ClientSampleId :

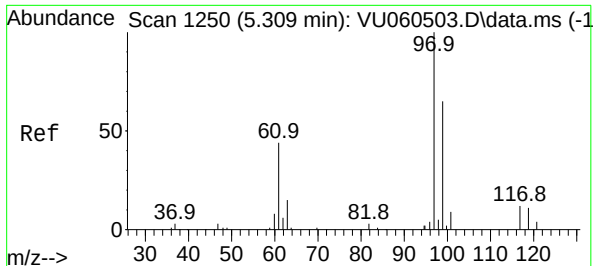
Tgt Ion: 83 Resp: 69310
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.883 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion: 62 Resp: 46575
Ion Ratio Lower Upper
62 100
98 8.3 7.9 11.9

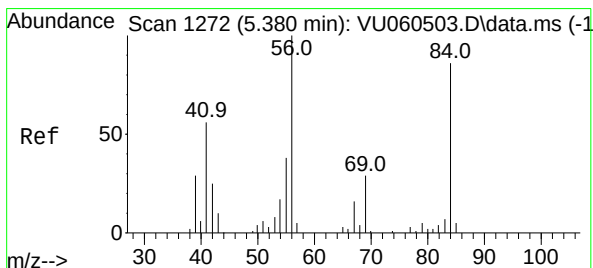
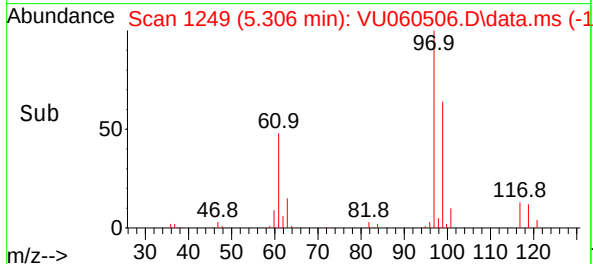
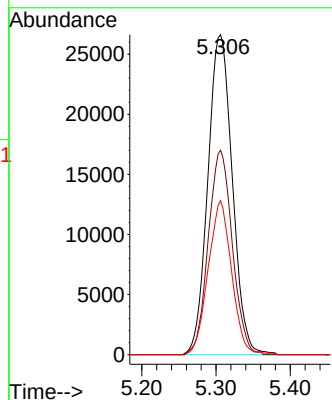
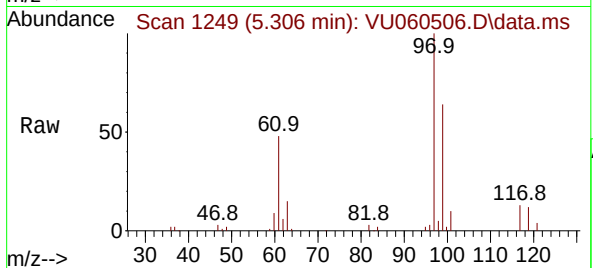




#29
1,1,1-Trichloroethane
Concen: 4.791 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

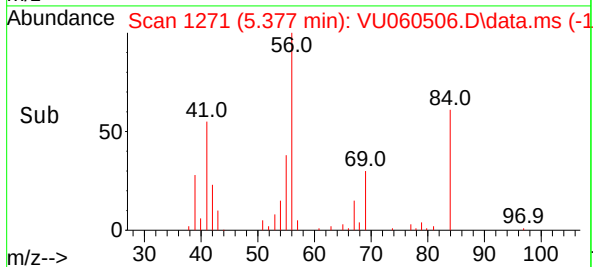
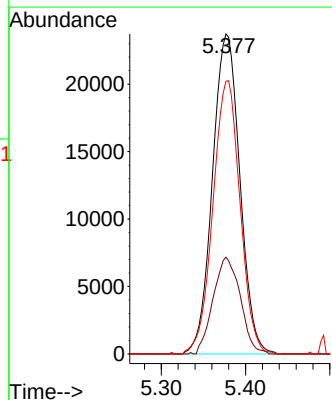
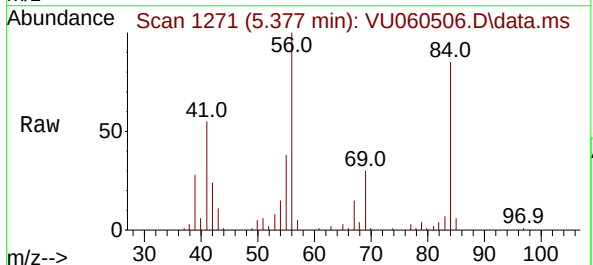
Instrument :
MSVOA_U
ClientSampleId :

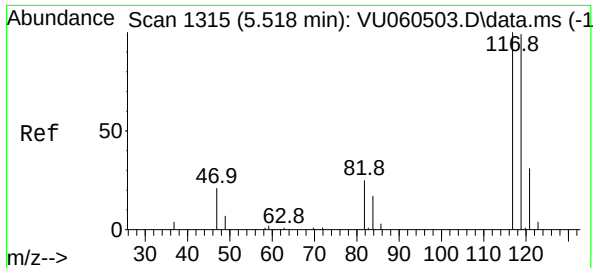
Tgt Ion: 97 Resp: 61054
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 45.9 36.6 55.0



#30
Cyclohexane
Concen: 4.881 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion: 56 Resp: 53525
Ion Ratio Lower Upper
56 100
69 29.9 23.3 34.9
84 84.5 66.6 99.8

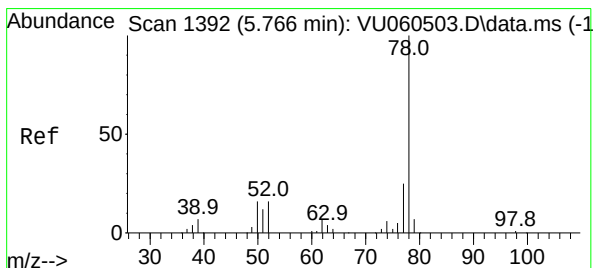
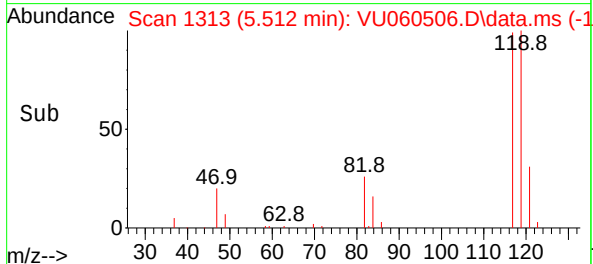
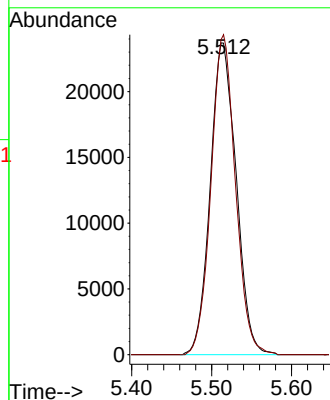
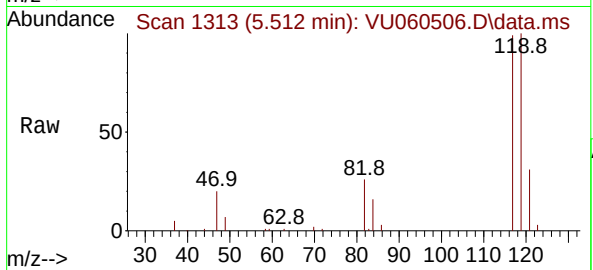




#31
Carbon tetrachloride
Concen: 4.660 ug/L
RT: 5.512 min Scan# 1315
Delta R.T. -0.007 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

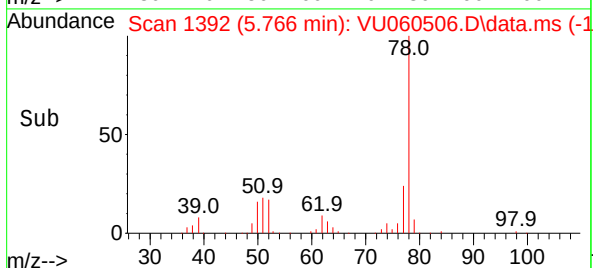
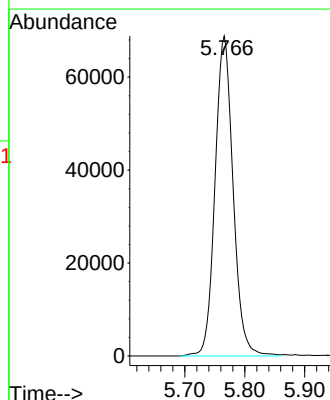
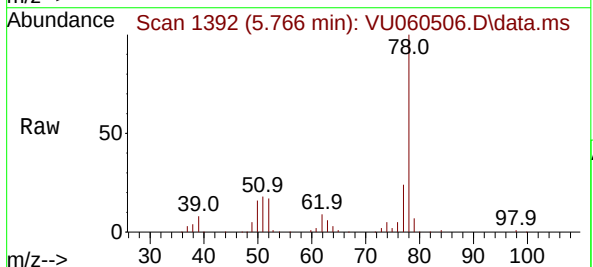
Instrument :
MSVOA_U
ClientSampleId :

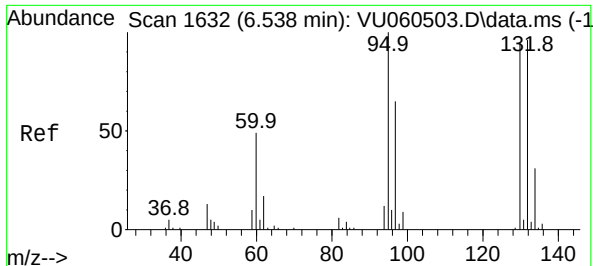
Tgt Ion:117 Resp: 53421
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6



#33
Benzene
Concen: 4.974 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion: 78 Resp: 143983





#34

Trichloroethene

Concen: 4.630 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36892

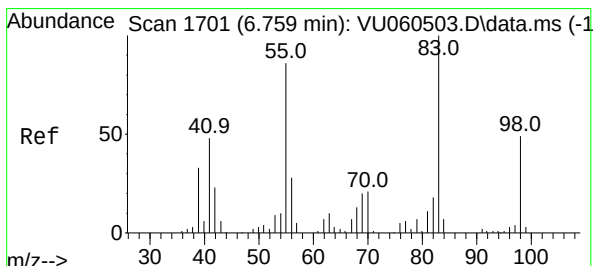
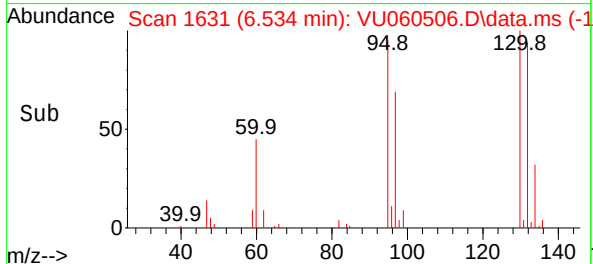
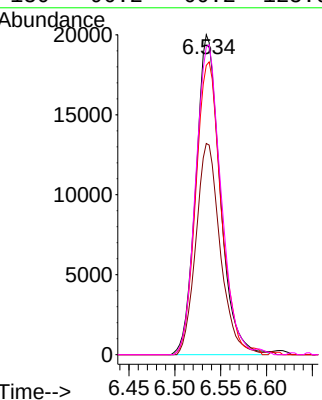
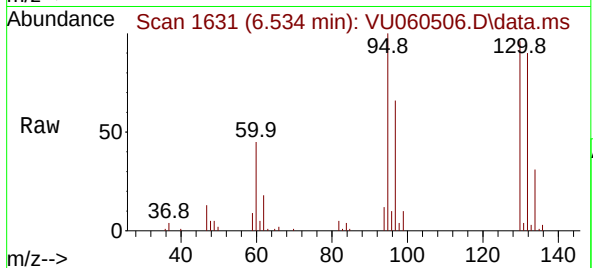
Ion Ratio Lower Upper

95 100

97 66.0 45.2 84.0

132 90.4 67.2 124.8

130 96.2 66.2 123.0



#35

Methylcyclohexane

Concen: 4.685 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

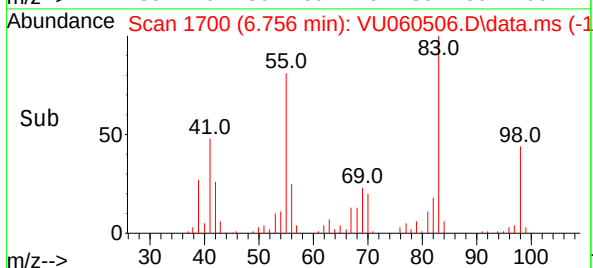
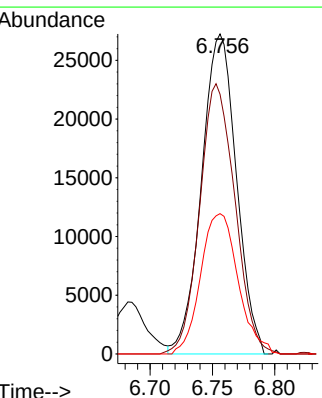
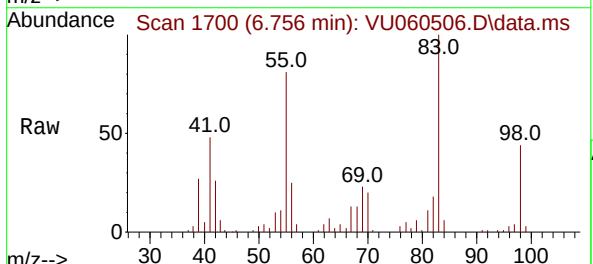
Tgt Ion: 83 Resp: 53051

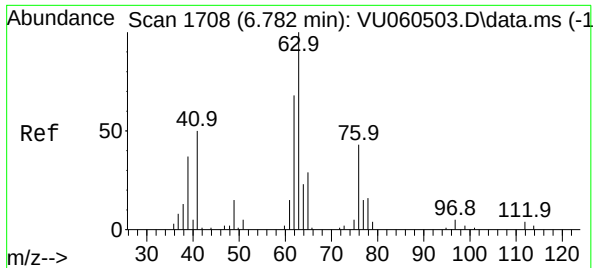
Ion Ratio Lower Upper

83 100

55 85.4 70.5 105.7

98 47.1 38.5 57.7

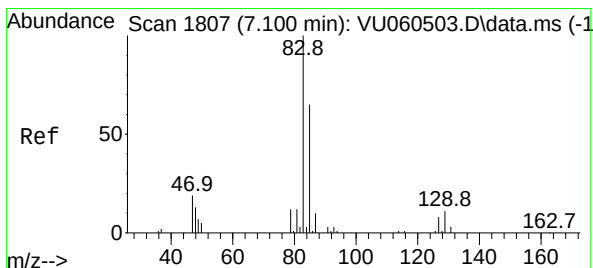
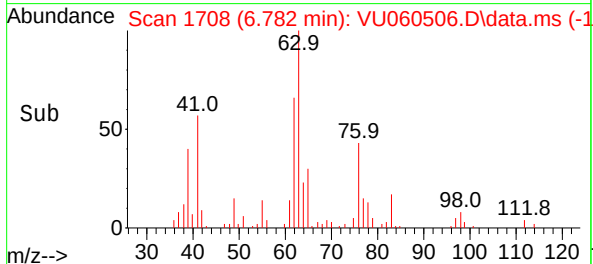
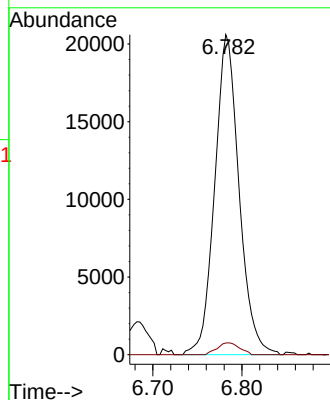
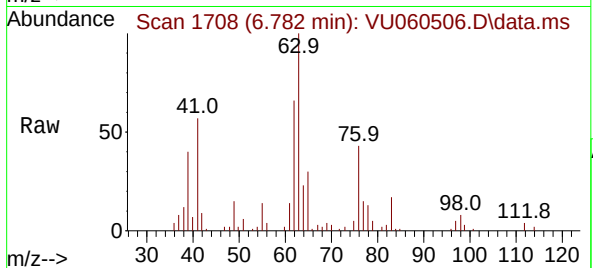




#37
1,2-Dichloropropane
Concen: 4.932 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

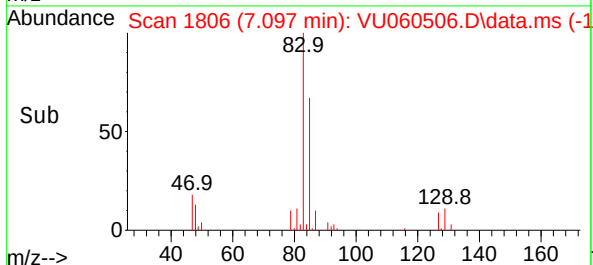
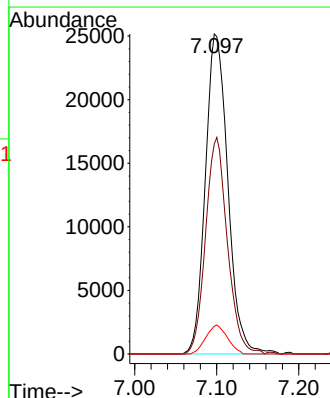
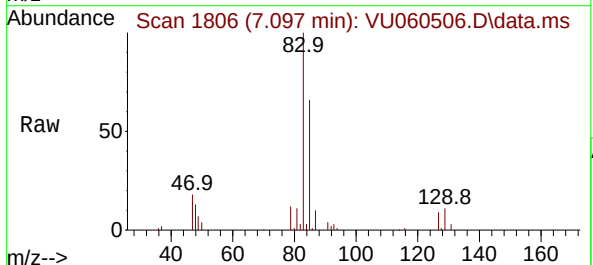
Instrument :
MSVOA_U
ClientSampleId :

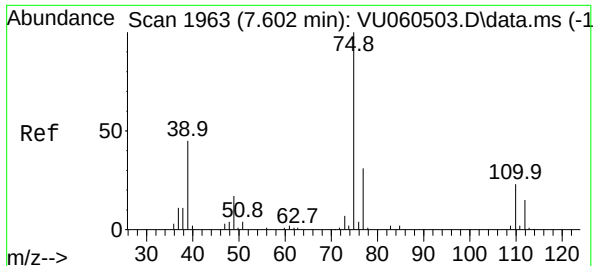
Tgt Ion: 63 Resp: 39160
Ion Ratio Lower Upper
63 100
112 3.4 2.6 3.8



#38
Bromodichloromethane
Concen: 4.776 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion: 83 Resp: 47976
Ion Ratio Lower Upper
83 100
85 65.7 45.2 84.0
127 9.8 6.5 9.7#

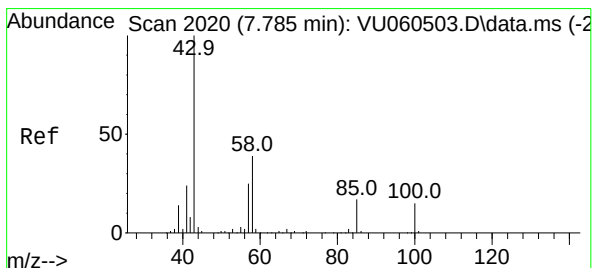
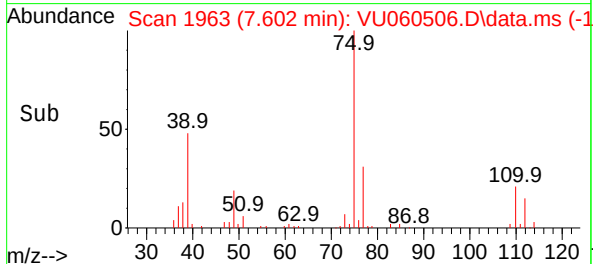
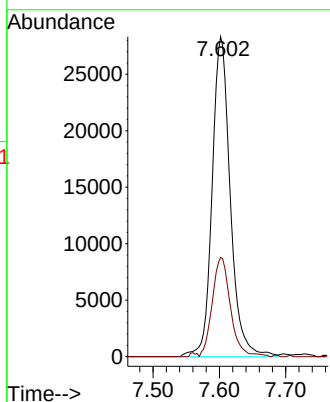
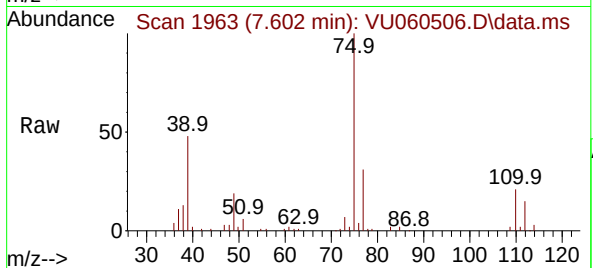




#39
 cis-1,3-Dichloropropene
 Concen: 4.914 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

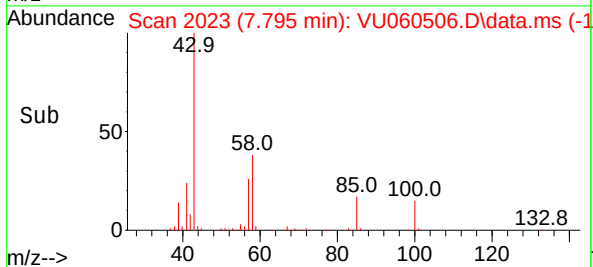
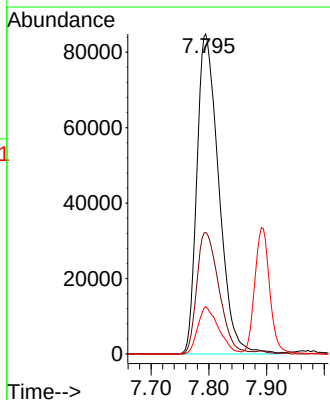
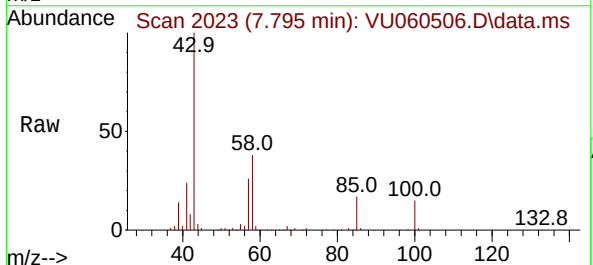
Instrument :
 MSVOA_U
 ClientSampleId :

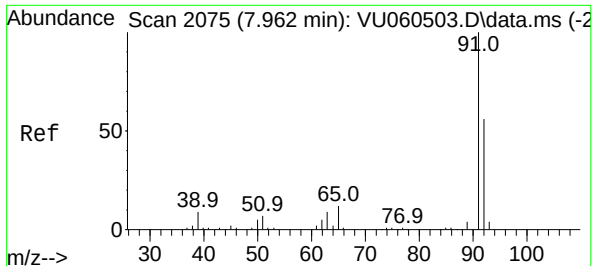
Tgt Ion: 75 Resp: 53882
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 53.044 ug/L
 RT: 7.795 min Scan# 2023
 Delta R.T. 0.010 min
 Lab File: VU060506.D
 Acq: 22 Aug 2024 16:46

Tgt Ion: 43 Resp: 223128
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.2 46.8
 100 14.1 11.5 17.3





#42

Toluene

Concen: 4.987 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

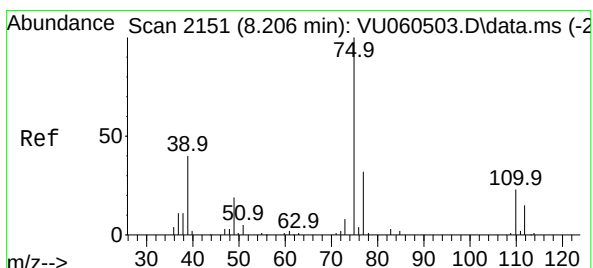
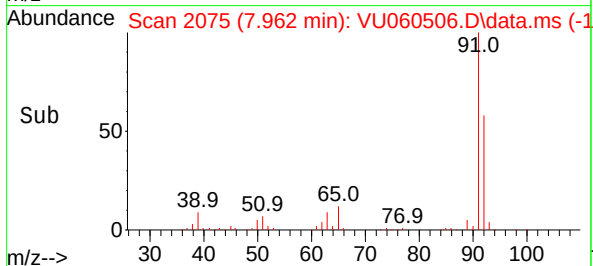
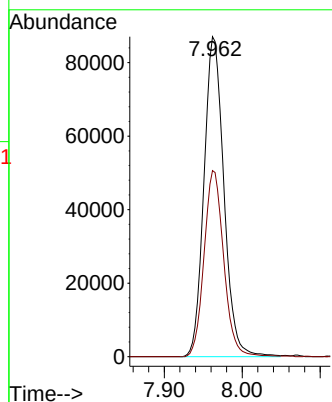
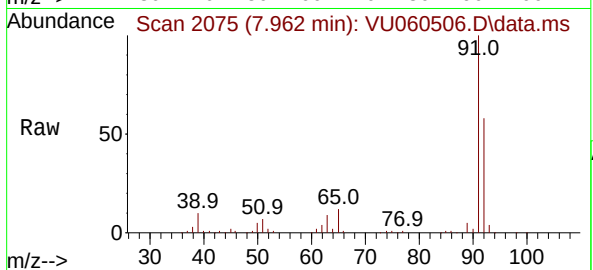
ClientSampleId :

Tgt Ion: 91 Resp: 154746

Ion Ratio Lower Upper

91 100

92 58.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.033 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060506.D

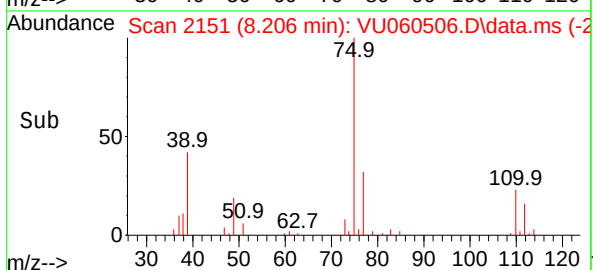
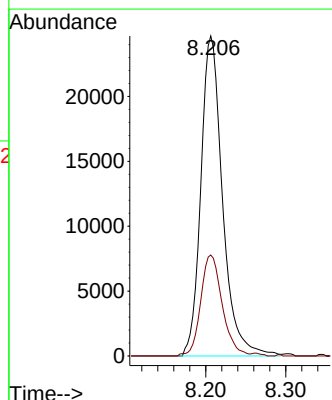
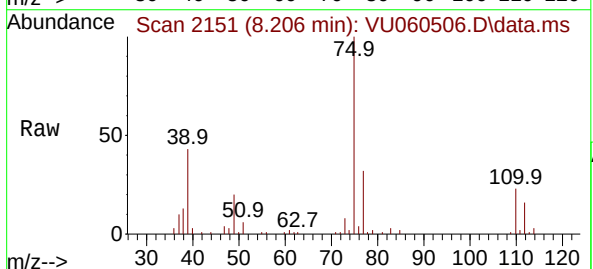
Acq: 22 Aug 2024 16:46

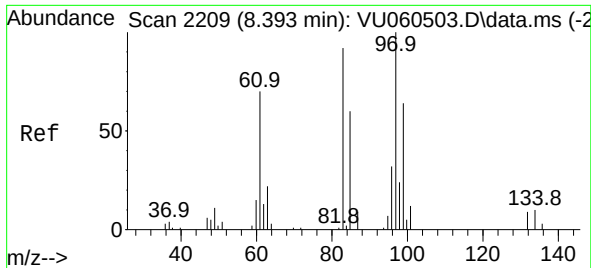
Tgt Ion: 75 Resp: 46581

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

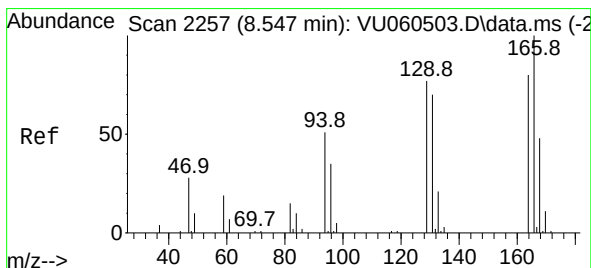
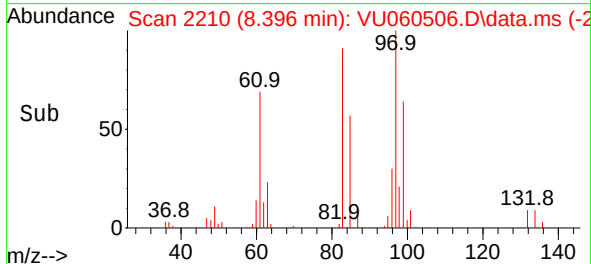
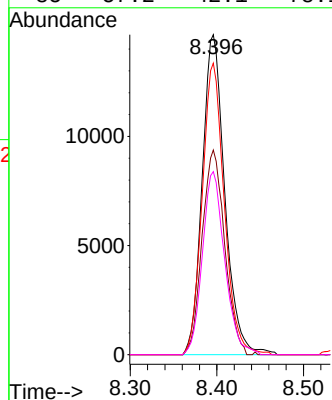
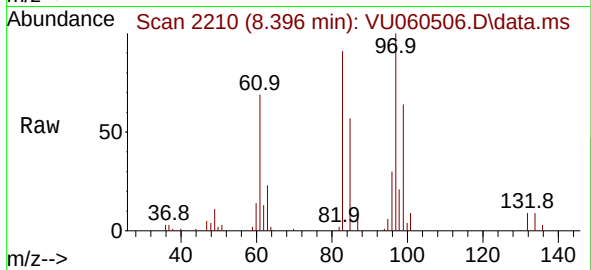




#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

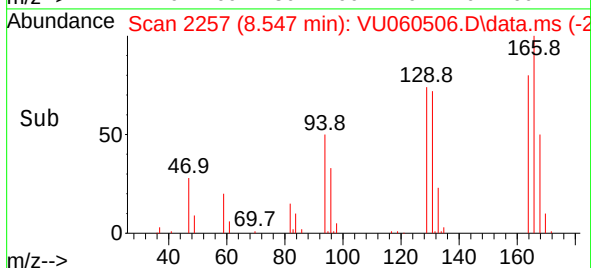
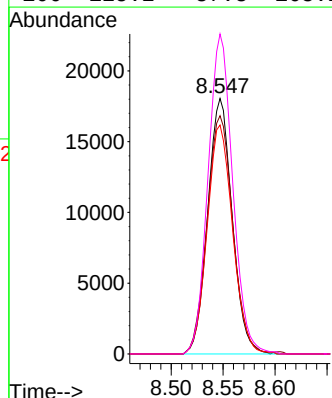
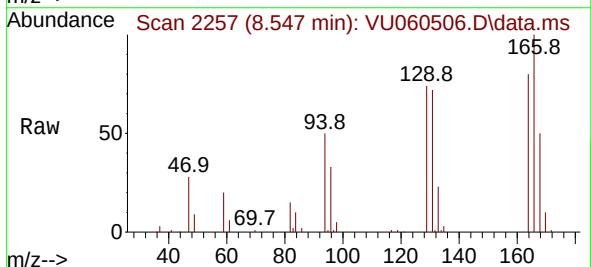
Instrument :
MSVOA_U
ClientSampleId :

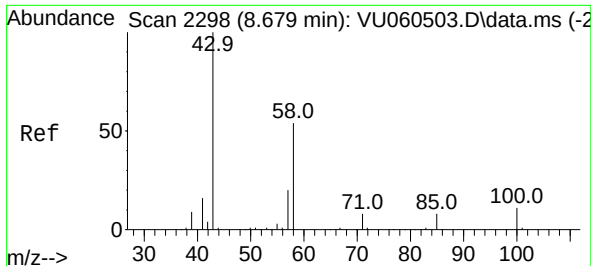
Tgt Ion:	97	Resp:	26502
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	82.9
83	91.1	64.1	119.1
85	57.2	42.1	78.1



#47
Tetrachloroethene
Concen: 4.615 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion:	164	Resp:	29472
Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.5	125.4
131	89.6	61.4	114.0
166	125.2	87.8	163.2





#48

2-Hexanone

Concen: 55.372 ug/L

RT: 8.695 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 173173

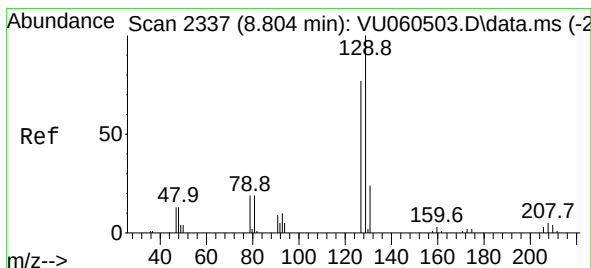
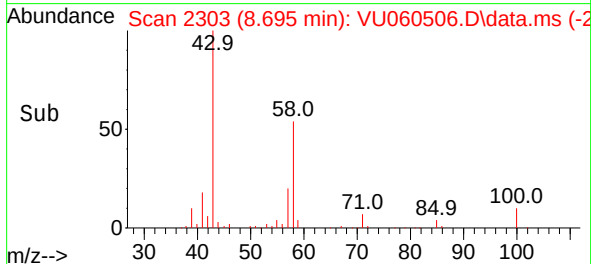
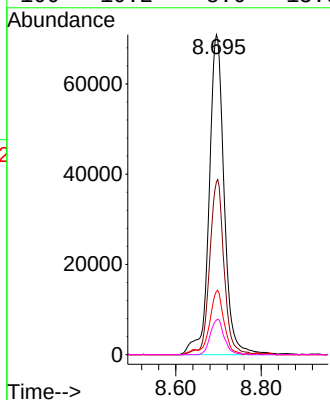
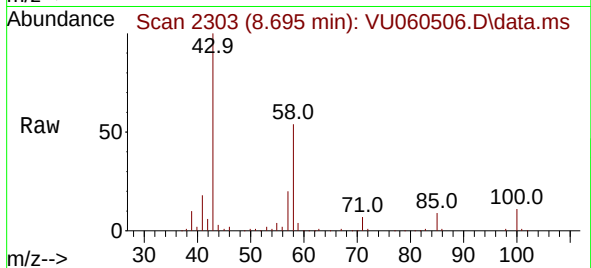
Ion Ratio Lower Upper

43 100

58 52.2 43.0 64.4

57 18.9 16.4 24.6

100 10.2 8.6 13.0



#49

Dibromochloromethane

Concen: 5.049 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060506.D

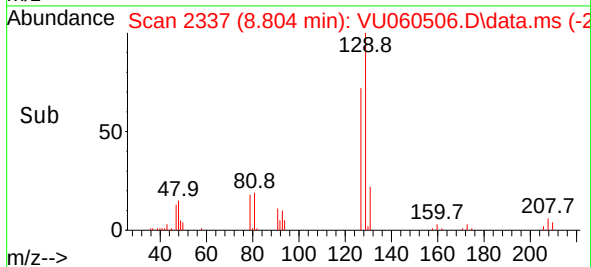
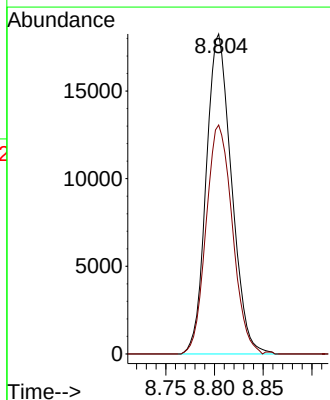
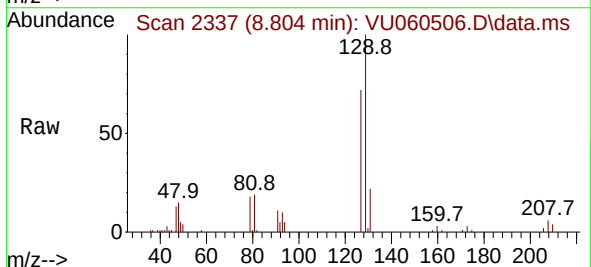
Acq: 22 Aug 2024 16:46

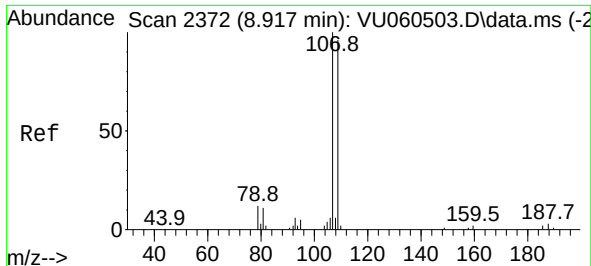
Tgt Ion: 129 Resp: 32979

Ion Ratio Lower Upper

129 100

127 71.5 54.0 100.4

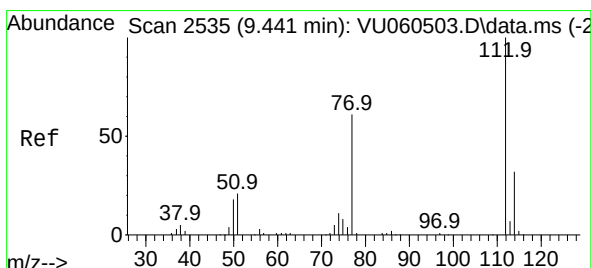
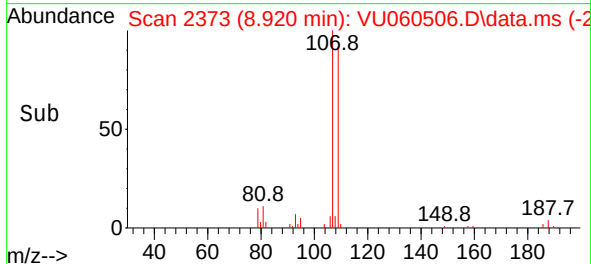
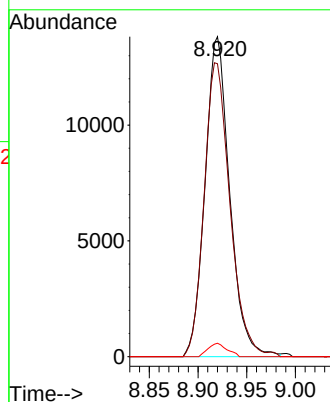
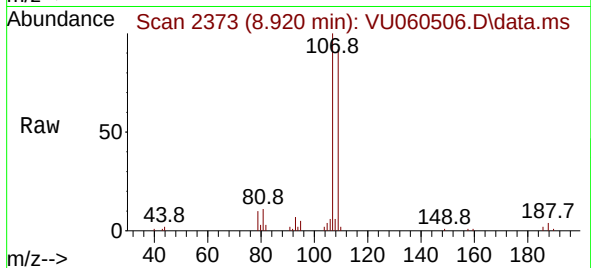




#50
1,2-Dibromoethane
Concen: 4.904 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

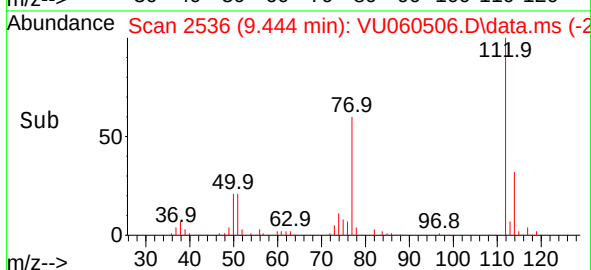
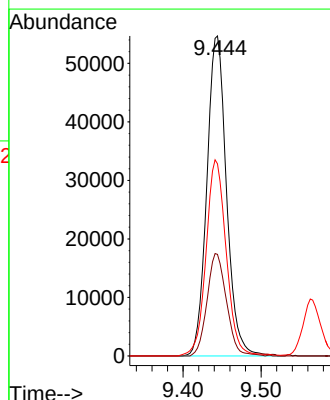
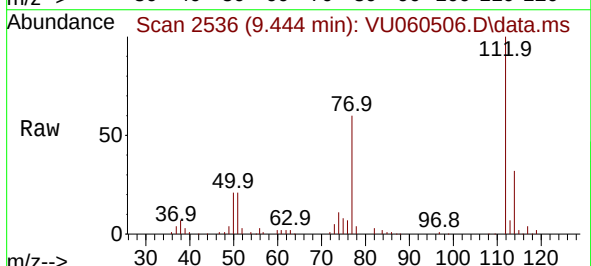
Instrument :
MSVOA_U
ClientSampleId :

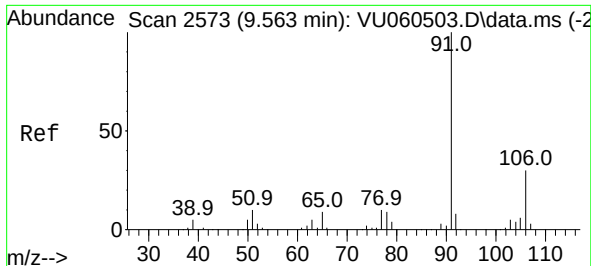
Tgt Ion:107 Resp: 24351
Ion Ratio Lower Upper
107 100
109 91.6 67.2 124.8
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 4.757 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion:112 Resp: 95880
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 60.0 49.3 73.9





#52

Ethylbenzene

Concen: 4.797 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

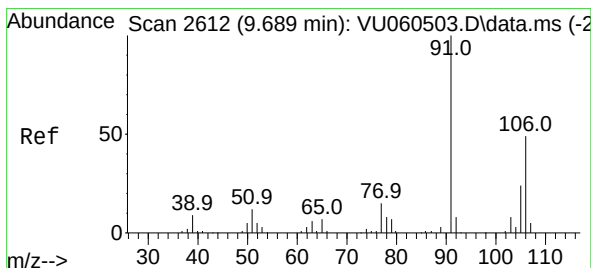
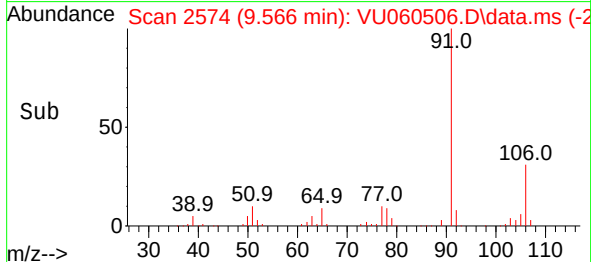
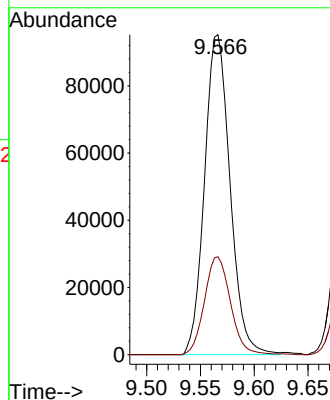
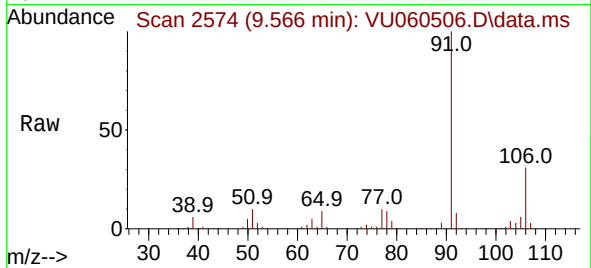
ClientSampleId :

Tgt Ion: 91 Resp: 157457

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.6



#53

m,p-Xylene

Concen: 5.258 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060506.D

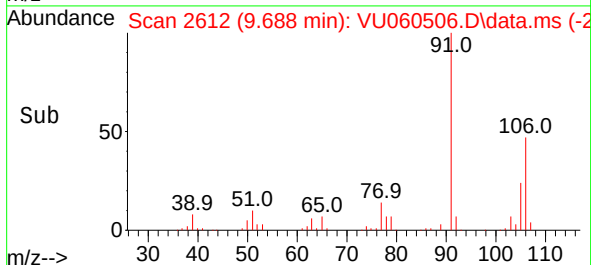
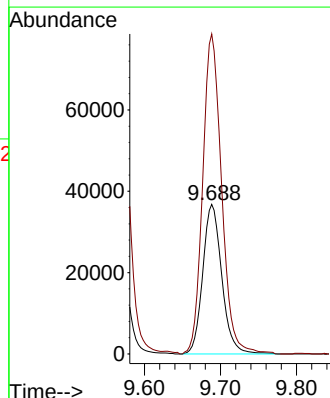
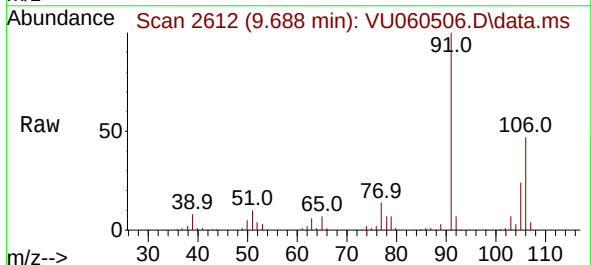
Acq: 22 Aug 2024 16:46

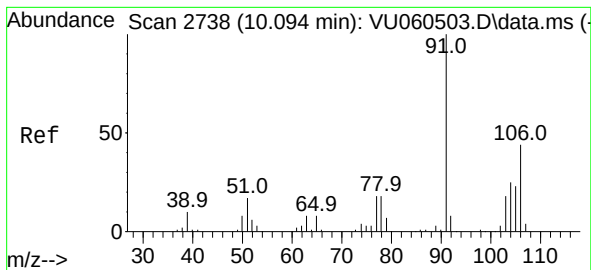
Tgt Ion:106 Resp: 64017

Ion Ratio Lower Upper

106 100

91 214.0 144.5 268.4





#54

o-Xylene

Concen: 5.082 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

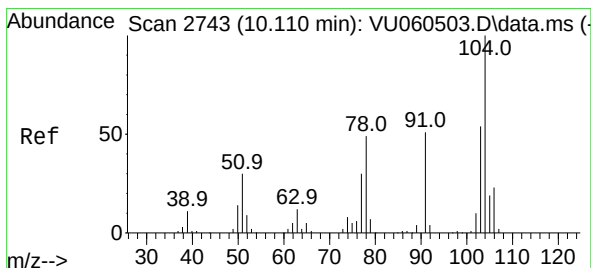
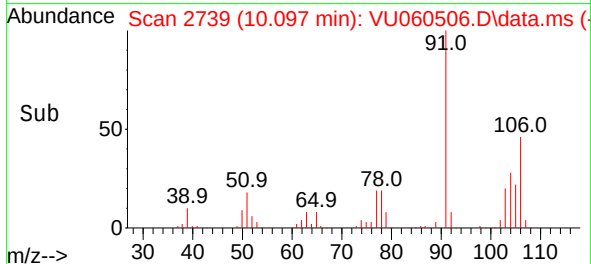
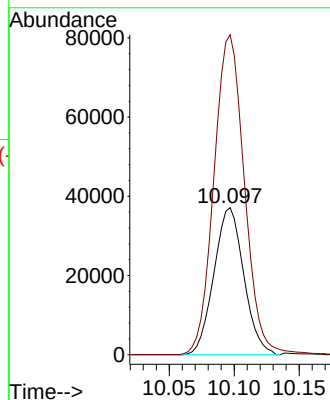
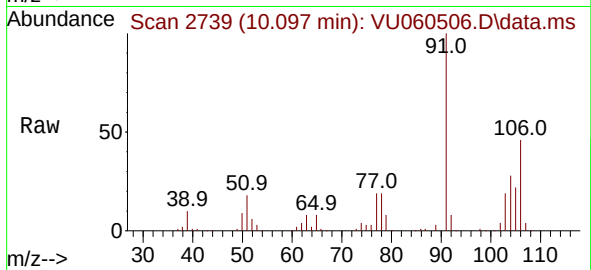
ClientSampleId :

Tgt Ion:106 Resp: 59275

Ion Ratio Lower Upper

106 100

91 217.7 158.0 293.4



#55

Styrene

Concen: 5.210 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU060506.D

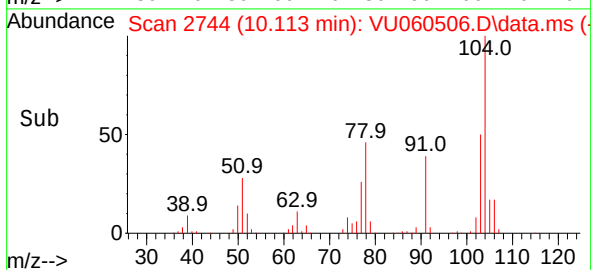
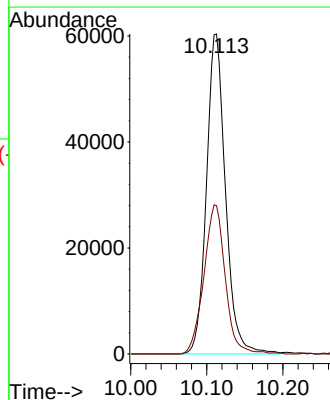
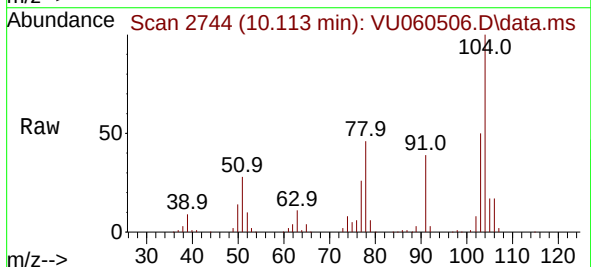
Acq: 22 Aug 2024 16:46

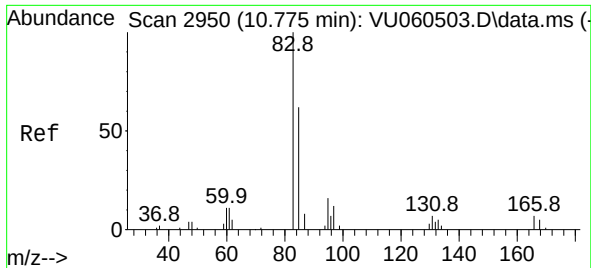
Tgt Ion:104 Resp: 105016

Ion Ratio Lower Upper

104 100

78 46.3 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.916 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

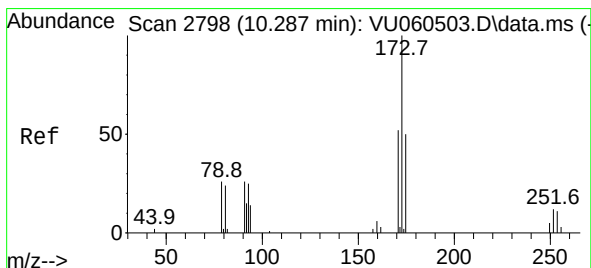
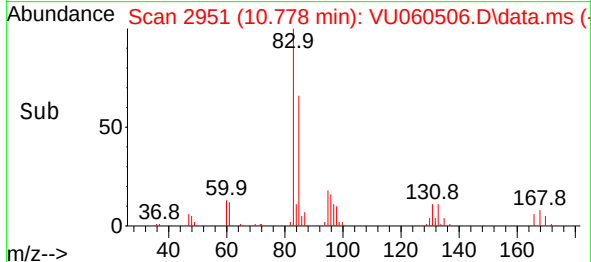
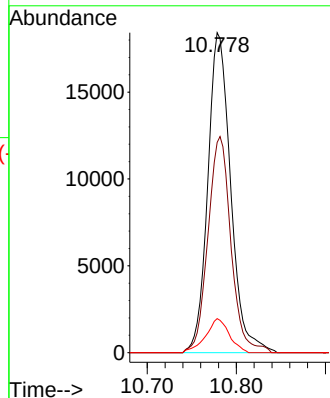
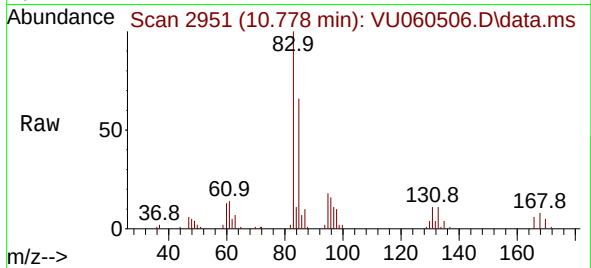
Tgt Ion: 83 Resp: 32912

Ion Ratio Lower Upper

83 100

85 65.7 43.8 81.3

131 10.6 6.8 10.2#



#59

Bromoform

Concen: 5.178 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

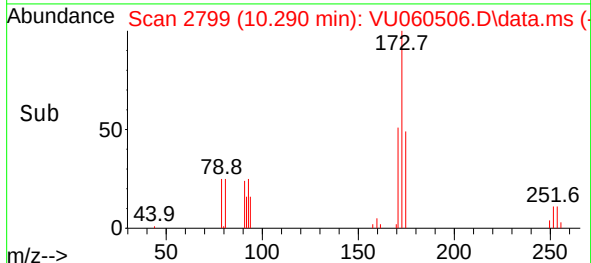
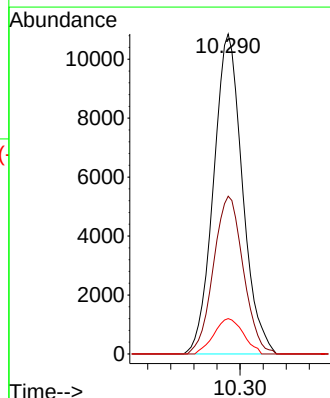
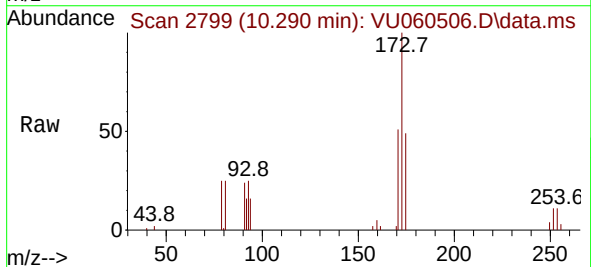
Tgt Ion:173 Resp: 18846

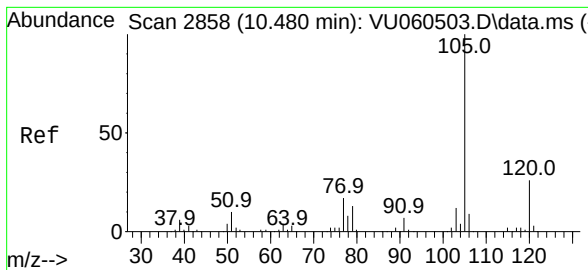
Ion Ratio Lower Upper

173 100

175 50.9 36.9 55.3

254 11.3 8.4 12.6





#60

Isopropylbenzene

Concen: 5.492 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

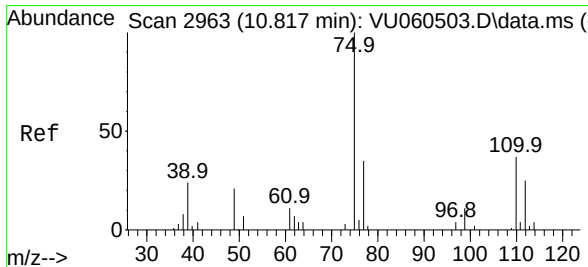
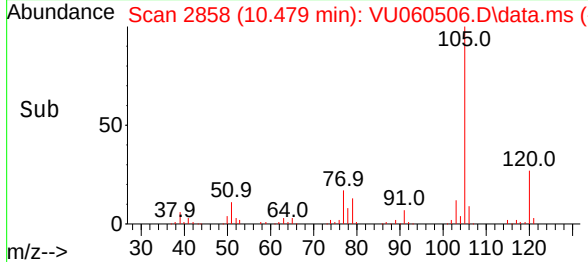
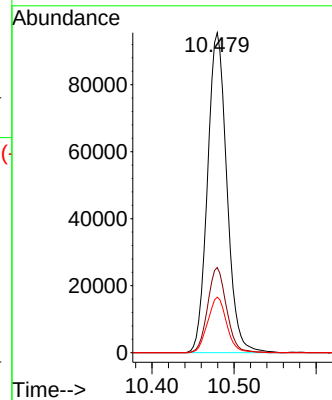
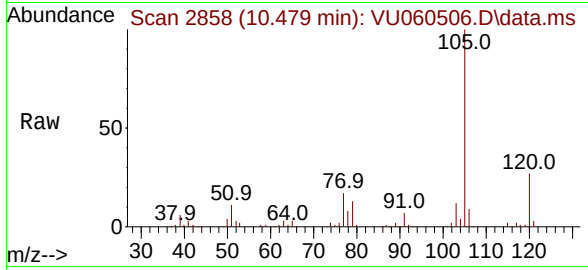
Tgt Ion:105 Resp: 156426

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 17.1 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 6.416 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

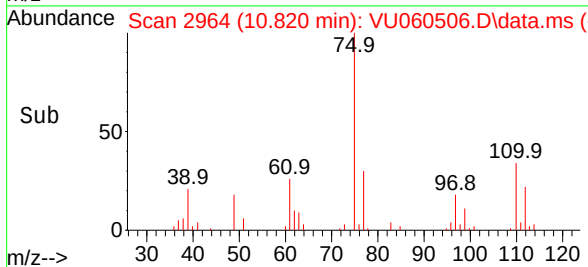
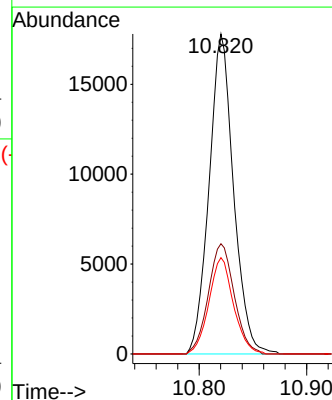
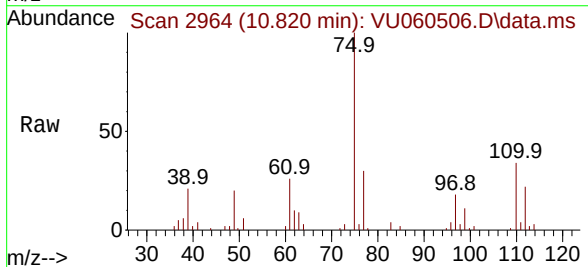
Tgt Ion: 75 Resp: 28154

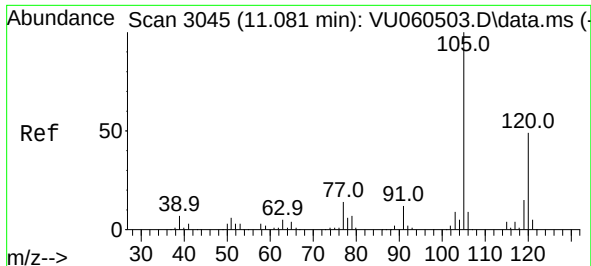
Ion Ratio Lower Upper

75 100

110 36.4 29.1 43.7

77 30.2 27.5 41.3





#62

1,3,5-Trimethylbenzene

Concen: 5.603 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

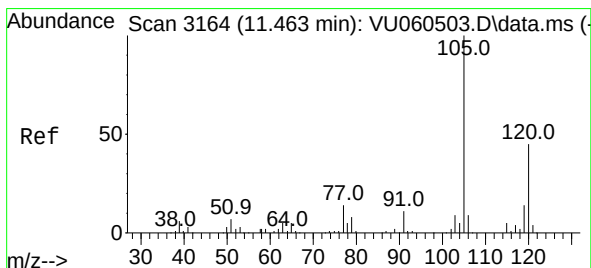
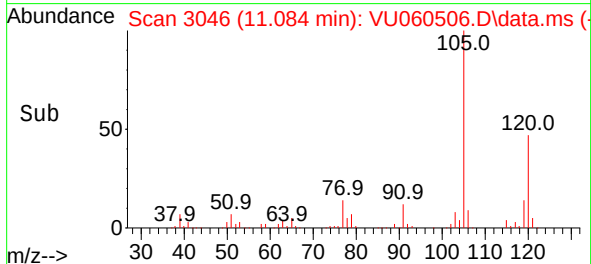
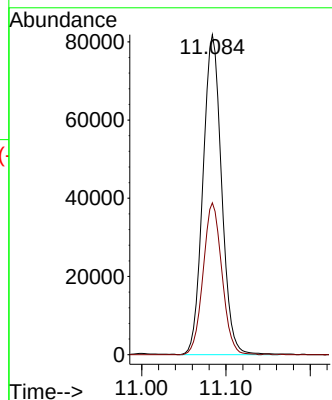
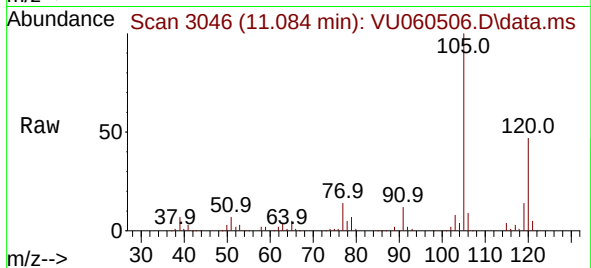
ClientSampleId :

Tgt Ion:105 Resp: 126131

Ion Ratio Lower Upper

105 100

120 47.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.443 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060506.D

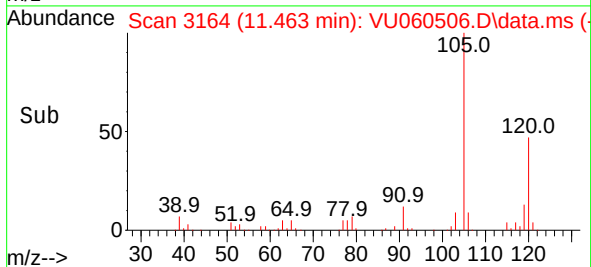
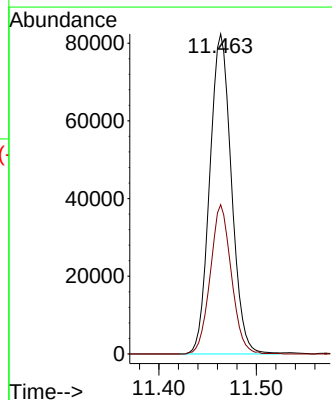
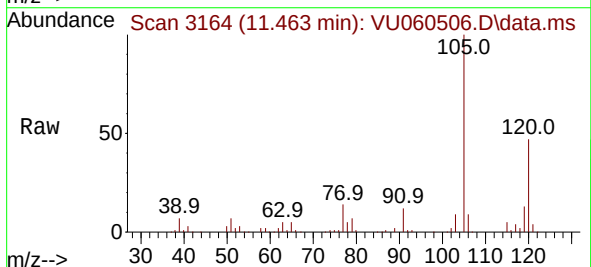
Acq: 22 Aug 2024 16:46

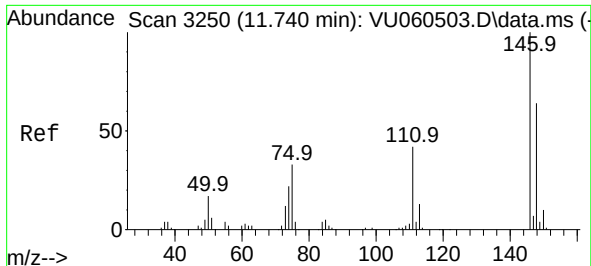
Tgt Ion:105 Resp: 127394

Ion Ratio Lower Upper

105 100

120 45.3 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 4.973 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

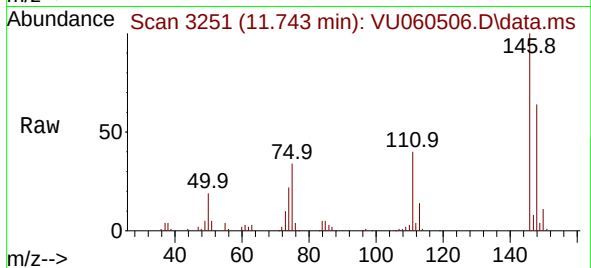
Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :



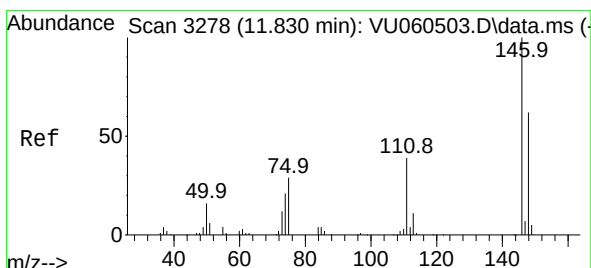
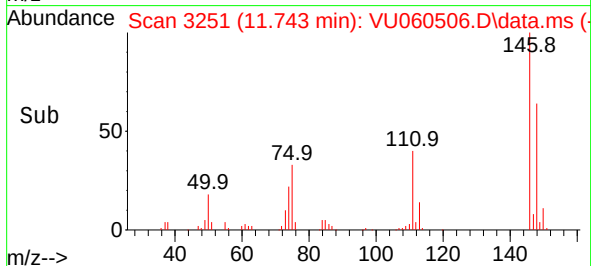
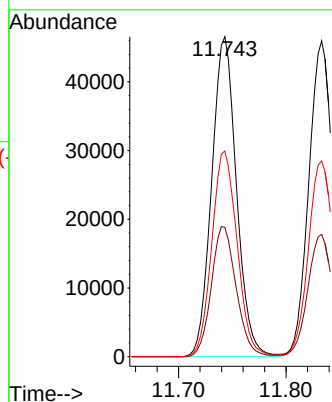
Tgt Ion:146 Resp: 74579

Ion Ratio Lower Upper

146 100

111 40.4 29.5 54.9

148 64.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 4.916 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

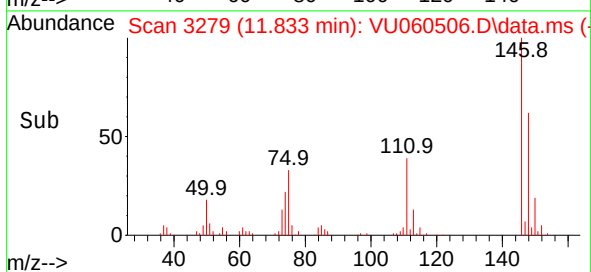
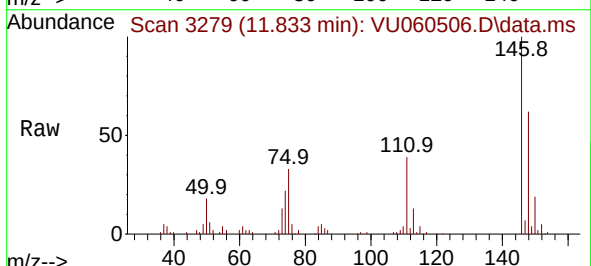
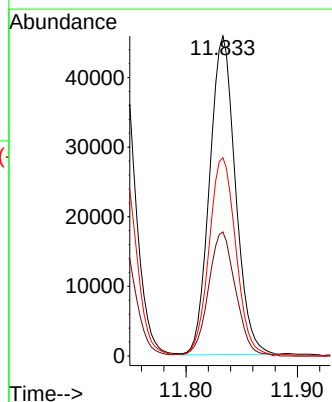
Tgt Ion:146 Resp: 73775

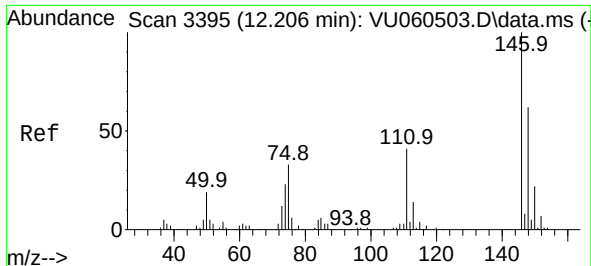
Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 62.0 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.193 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

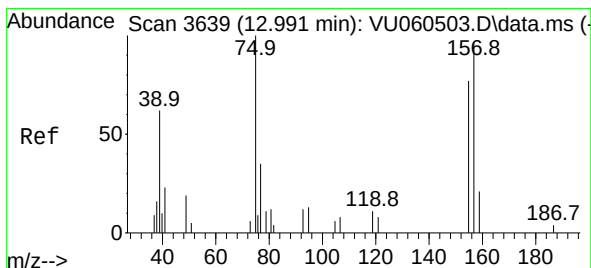
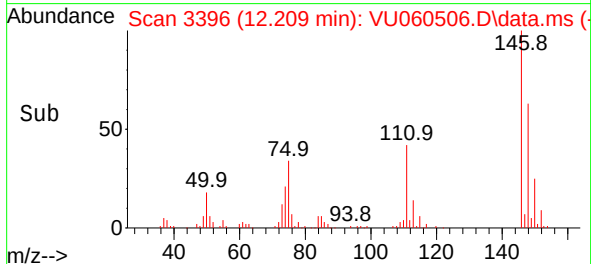
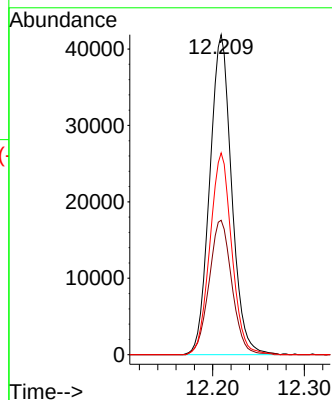
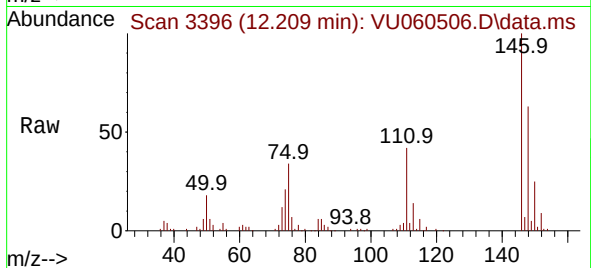
Tgt Ion:146 Resp: 69486

Ion Ratio Lower Upper

146 100

111 42.0 32.7 49.1

148 63.1 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 7.010 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

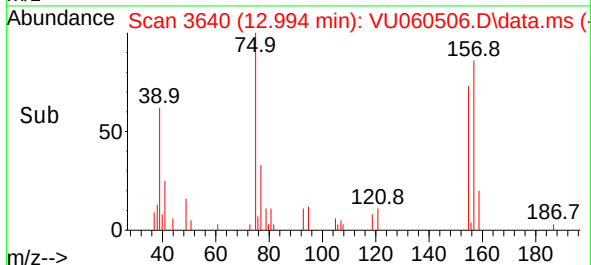
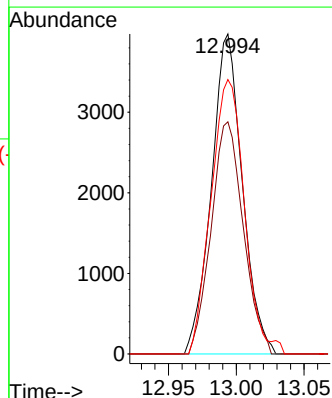
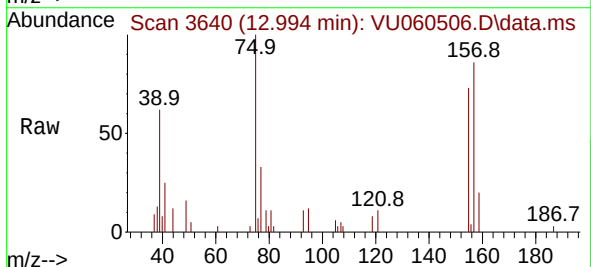
Tgt Ion: 75 Resp: 6298

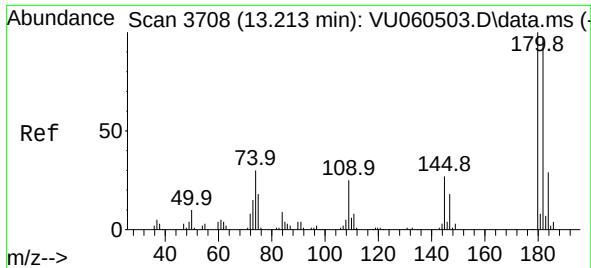
Ion Ratio Lower Upper

75 100

155 72.6 61.3 91.9

157 85.8 76.6 115.0





#69

1,3,5-Trichlorobenzene

Concen: 5.003 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

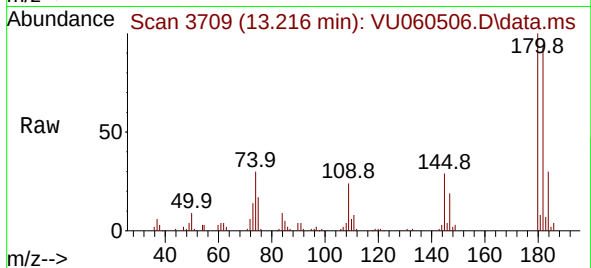
Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53549

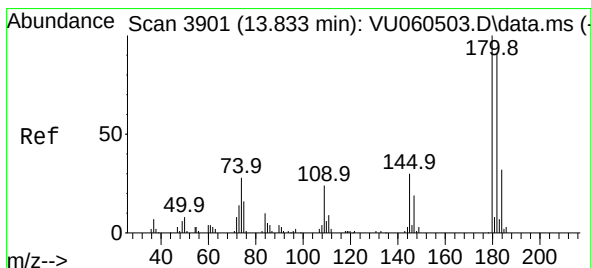
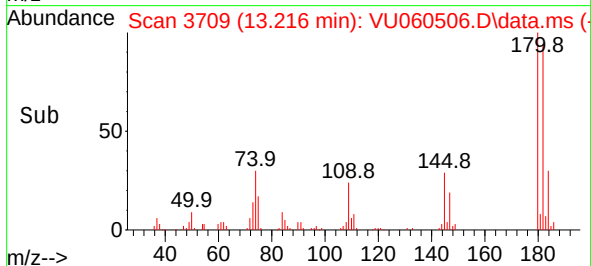
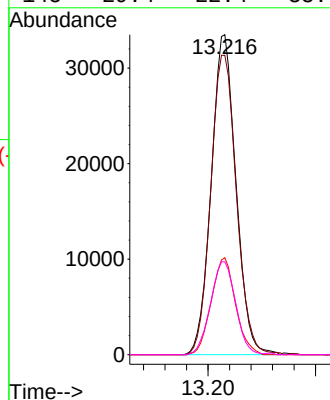
Ion Ratio Lower Upper

180 100

182 96.9 76.9 115.3

184 29.6 24.2 36.2

145 29.4 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 5.127 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060506.D

Acq: 22 Aug 2024 16:46

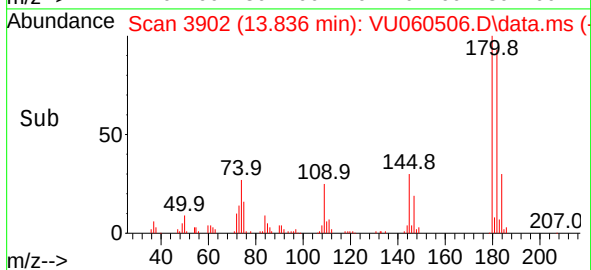
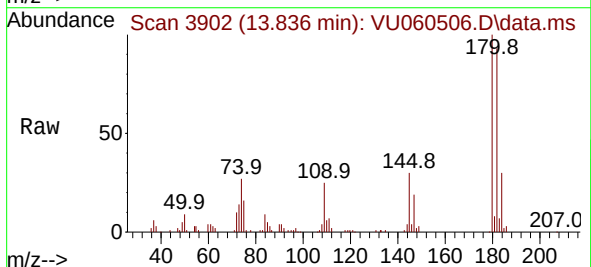
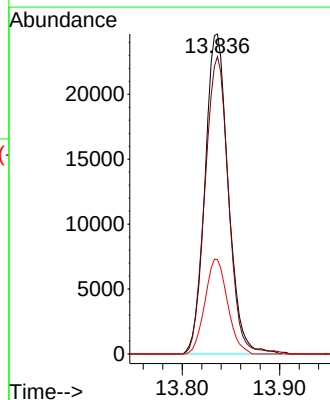
Tgt Ion:180 Resp: 40744

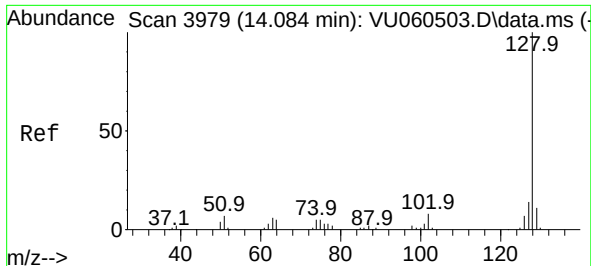
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

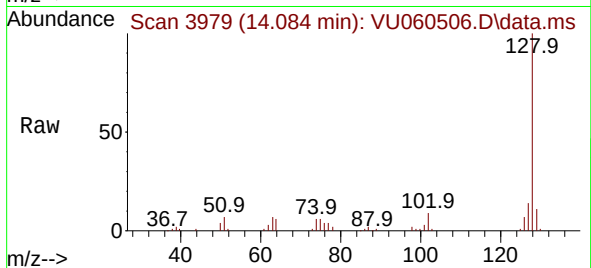
145 28.9 23.2 34.8



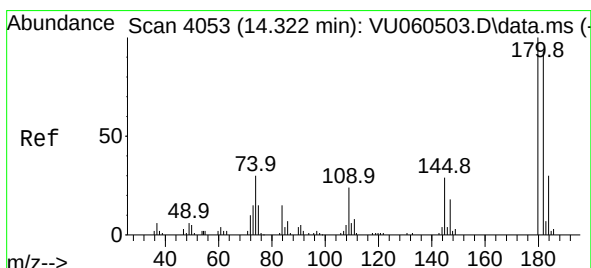
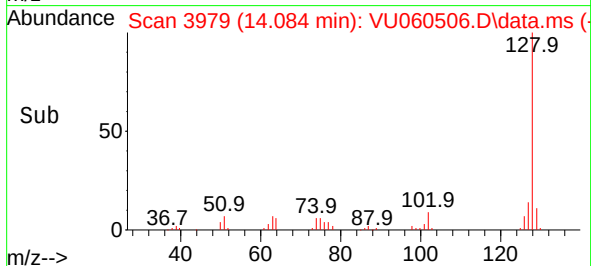
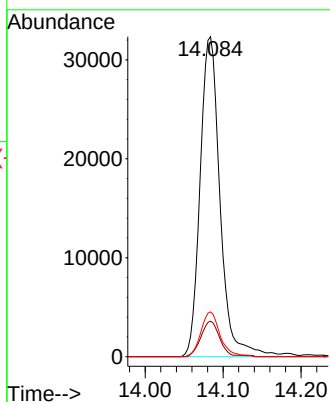


#71
Naphthalene
Concen: 5.236 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 57388
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.4 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 4.753 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060506.D
Acq: 22 Aug 2024 16:46

Tgt Ion:180 Resp: 35572
Ion Ratio Lower Upper
180 100
182 95.8 75.6 113.4
145 30.7 24.0 36.0

