

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060105.D
 Acq On : 23 Jul 2024 10:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:16:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 23 07:21:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83390	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57298	5.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.911	69	49963	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	22288	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	4.627	46	118394	46.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.740%
24) Chloroform-d	5.055	84	108333	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	49599	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	214786	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.685	67	64324	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.894	98	204034	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.177	79	22946	4.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.631	63	97126	46.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58021	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	72563	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	50289	4.237	ug/L	97
3) Chloromethane	1.515	50	57100	3.983	ug/L	98
5) Vinyl chloride	1.602	62	68289	4.249	ug/L	99
6) Bromomethane	1.853	94	45568	4.356	ug/L	100
8) Chloroethane	1.930	64	44598	4.249	ug/L	99
9) Trichlorofluoromethane	2.132	101	91574	4.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58892	4.453	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52231	4.360	ug/L	98
13) Acetone	2.644	43	85253	50.481	ug/L	96
14) Carbon disulfide	2.788	76	142518	4.086	ug/L	100
15) Methyl Acetate	2.956	43	20587	4.956	ug/L	97
16) Methylene chloride	3.039	84	63000	4.289	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	123717	4.529	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	54219	4.351	ug/L	95
19) 1,1-Dichloroethane	3.859	63	105768	4.470	ug/L	100
21) 2-Butanone	4.708	43	132722	49.645	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	63511	4.550	ug/L	99
23) Bromochloromethane	4.968	128	32073	4.728	ug/L	98
25) Chloroform	5.081	83	113436	4.360	ug/L	99

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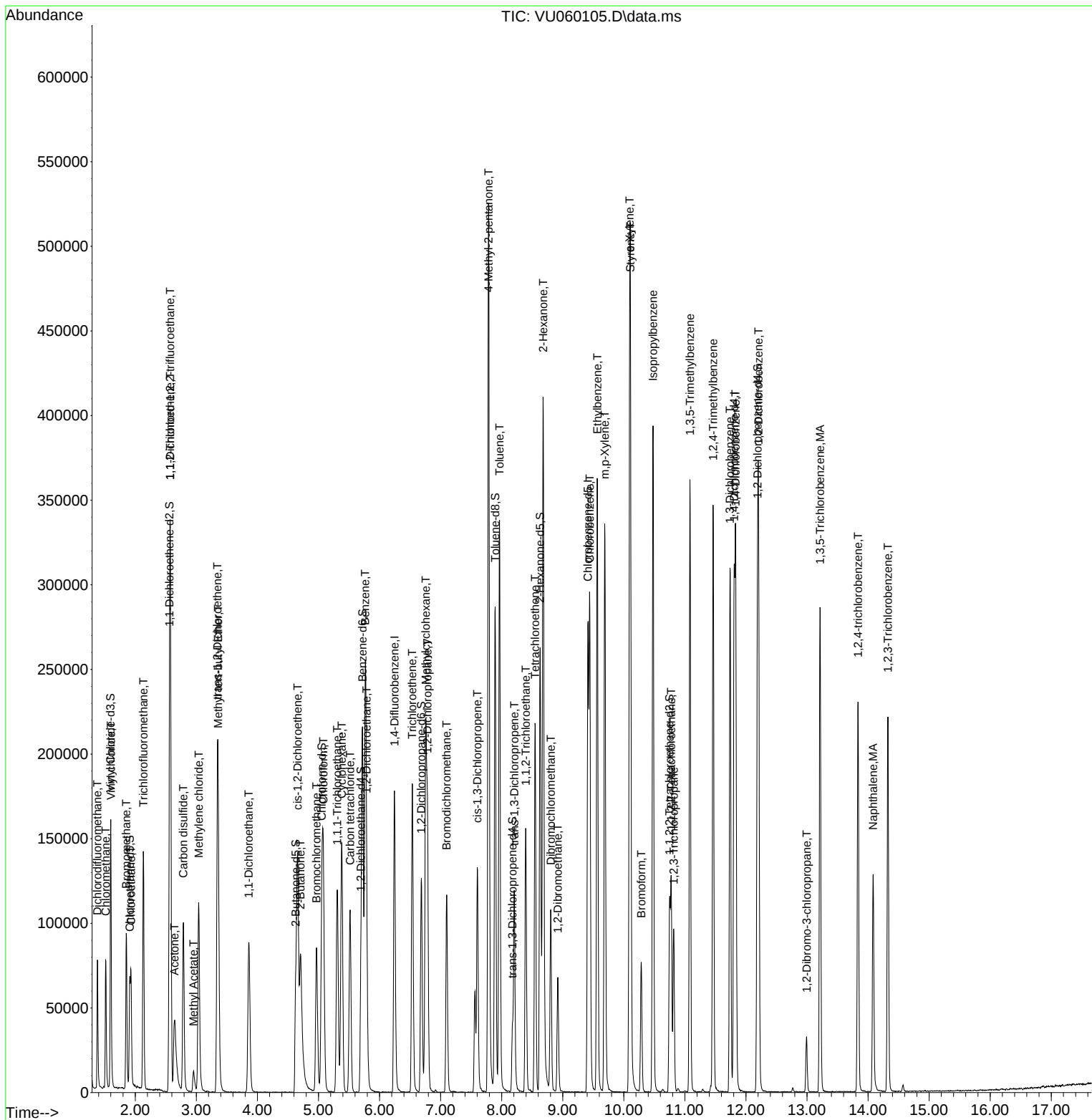
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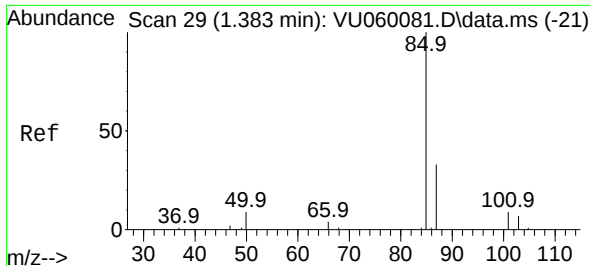
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66073	4.442	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	90115	4.466	ug/L	99
30) Cyclohexane	5.383	56	68835	4.313	ug/L	98
31) Carbon tetrachloride	5.518	117	76785	4.411	ug/L	99
33) Benzene	5.766	78	242681	4.547	ug/L	100
34) Trichloroethene	6.537	95	63291	4.472	ug/L	98
35) Methylcyclohexane	6.756	83	82778	4.462	ug/L	98
37) 1,2-Dichloropropane	6.785	63	64563	4.478	ug/L	100
38) Bromodichloromethane	7.100	83	79414	4.397	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	85826	4.555	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	314041	49.225	ug/L	97
42) Toluene	7.965	91	265431	4.674	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	70888	4.504	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	51955	4.716	ug/L	97
47) Tetrachloroethene	8.547	164	53755	4.593	ug/L	98
48) 2-Hexanone	8.679	43	248070	53.107	ug/L	99
49) Dibromochloromethane	8.804	129	57191	4.693	ug/L	97
50) 1,2-Dibromoethane	8.920	107	47556	4.774	ug/L	99
51) Chlorobenzene	9.444	112	167319	4.510	ug/L	99
52) Ethylbenzene	9.566	91	257627	4.549	ug/L	99
53) m,p-Xylene	9.688	106	102877	4.702	ug/L	96
54) o-Xylene	10.097	106	97856	4.677	ug/L	94
55) Styrene	10.110	104	171084	4.804	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	63717	4.728	ug/L	95
59) Bromoform	10.286	173	37100	4.895	ug/L	99
60) Isopropylbenzene	10.479	105	260160	4.770	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41989	4.776	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	195458	4.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189548	4.707	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	137764	4.694	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	137068	4.588	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	131080	4.666	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	9100	5.311	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	101597	4.587	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	78984	4.685	ug/L	98
71) Naphthalene	14.084	128	114258	4.784	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	74071	4.886	ug/L	98

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

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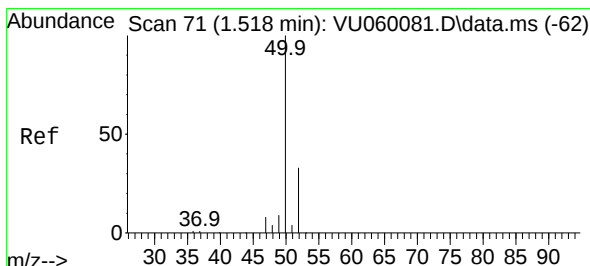
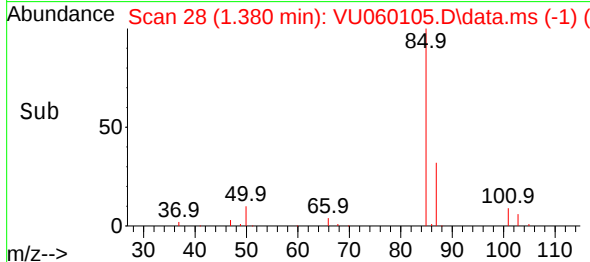
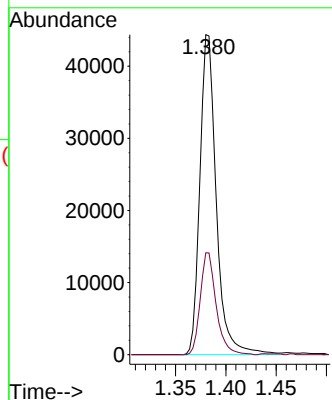
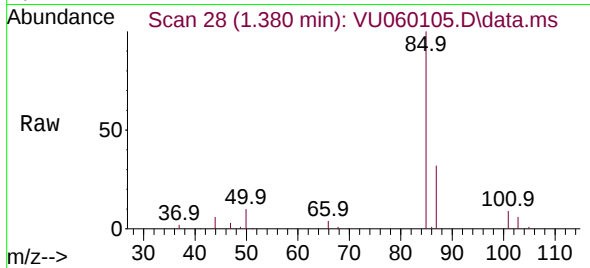




#2
Dichlorodifluoromethane
Concen: 4.237 ug/L
RT: 1.380 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

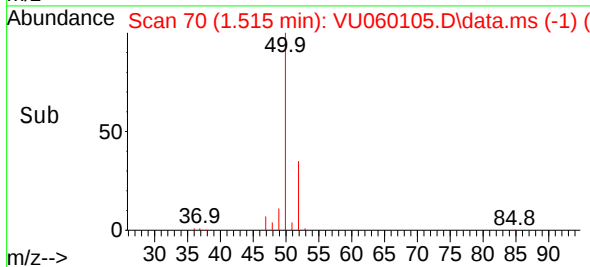
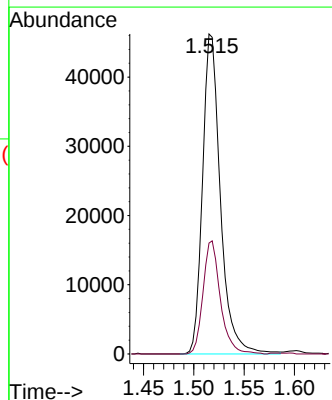
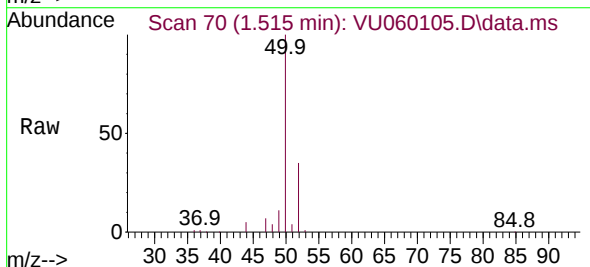
Instrument :
MSVOA_U
ClientSampleId :

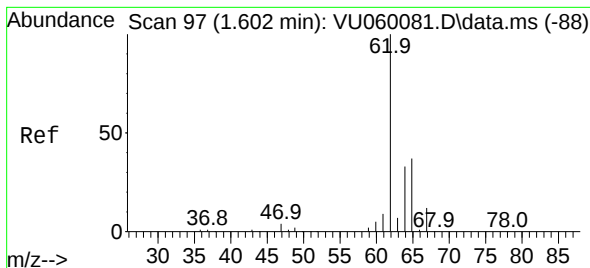
Tgt Ion: 85 Resp: 50289
Ion Ratio Lower Upper
85 100
87 30.8 26.1 39.1



#3
Chloromethane
Concen: 3.983 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 50 Resp: 57100
Ion Ratio Lower Upper
50 100
52 34.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.249 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

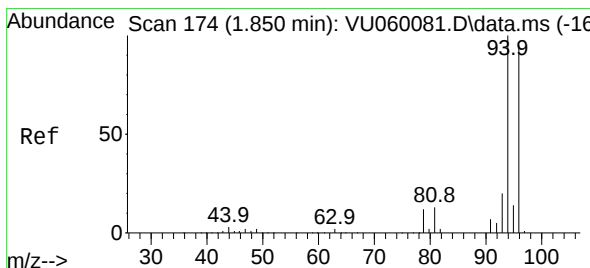
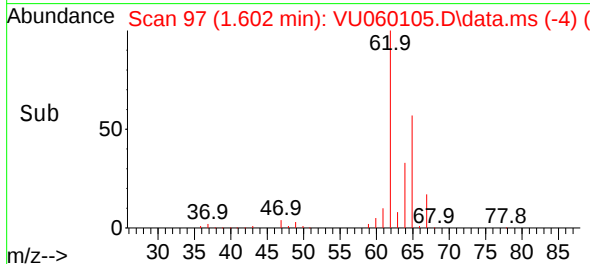
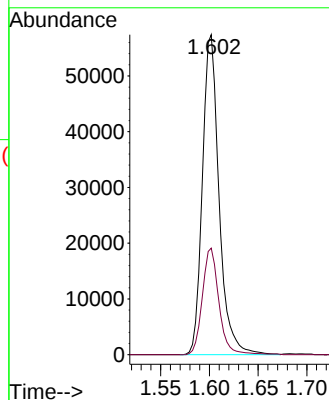
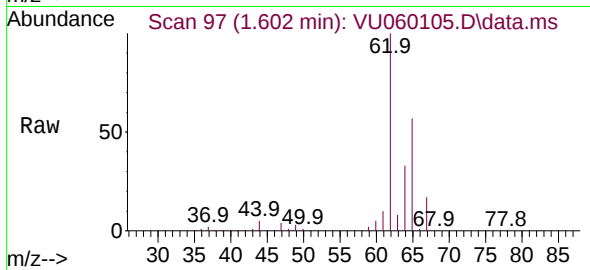
ClientSampleId :

Tgt Ion: 62 Resp: 68289

Ion Ratio Lower Upper

62 100

64 33.3 22.8 42.4



#6

Bromomethane

Concen: 4.356 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060105.D

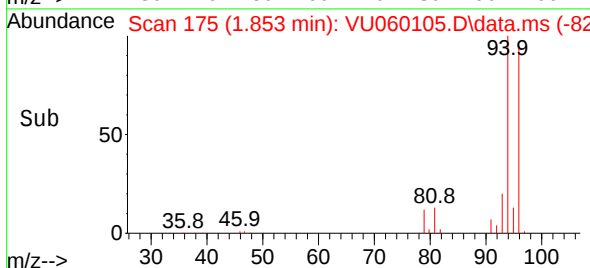
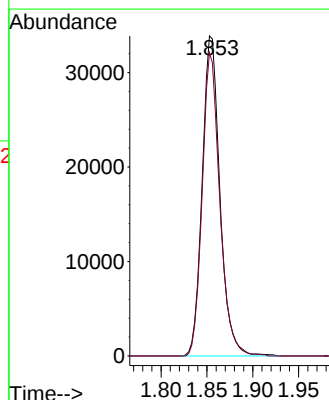
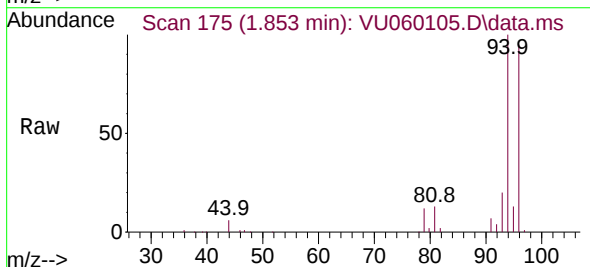
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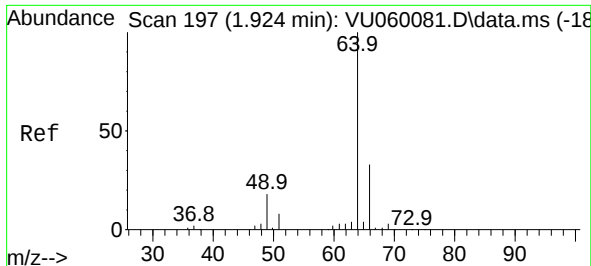
Tgt Ion: 94 Resp: 45568

Ion Ratio Lower Upper

94 100

96 94.8 66.6 123.6

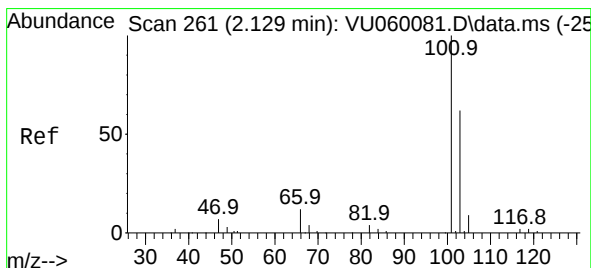
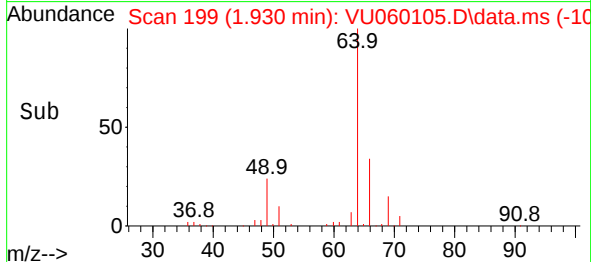
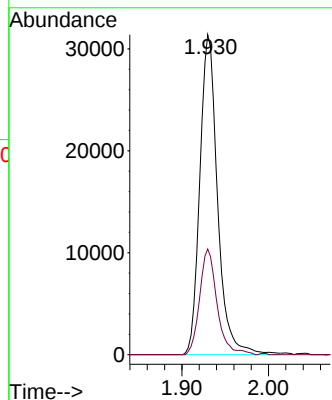
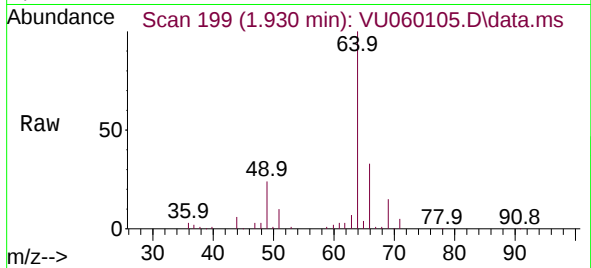




#8
Chloroethane
Concen: 4.249 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

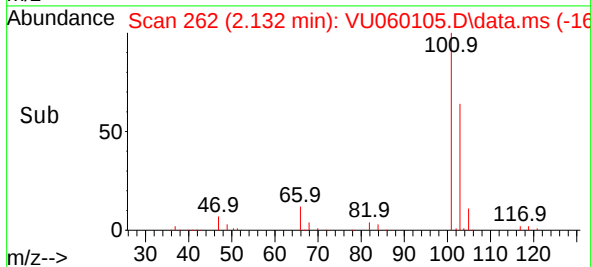
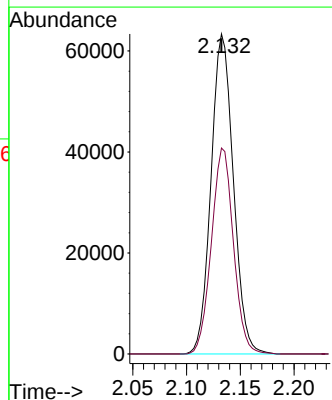
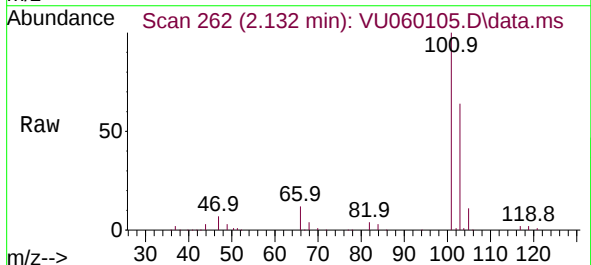
Instrument :
MSVOA_U
ClientSampleId :

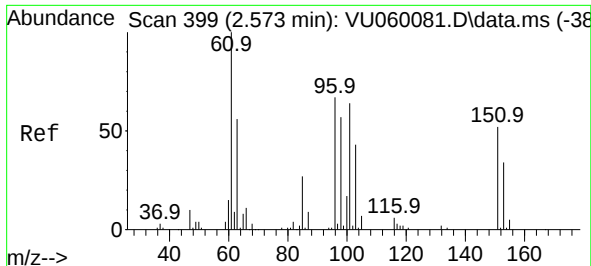
Tgt Ion: 64 Resp: 44598
Ion Ratio Lower Upper
64 100
66 33.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.519 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion:101 Resp: 91574
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

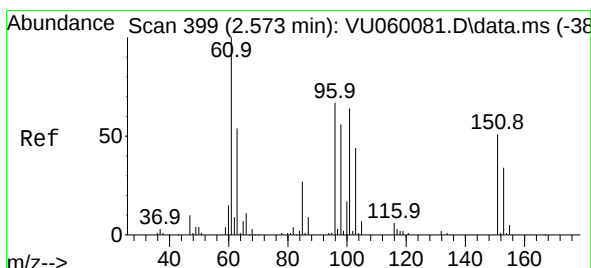
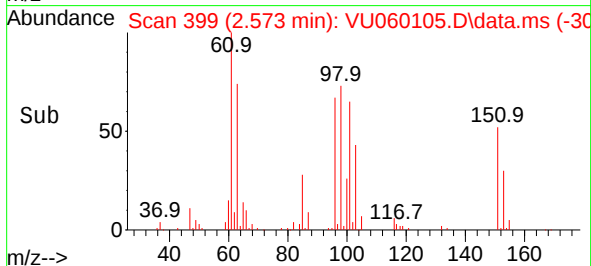
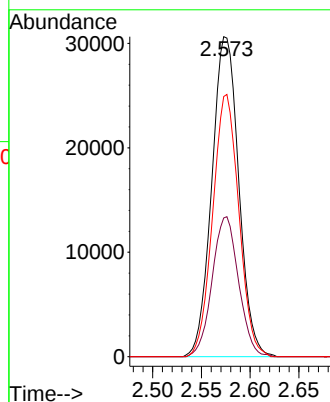
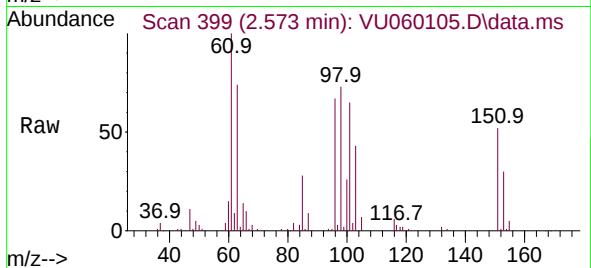




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.453 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

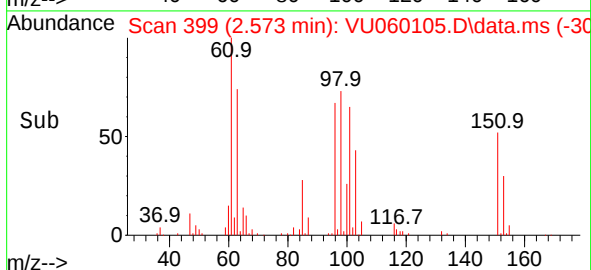
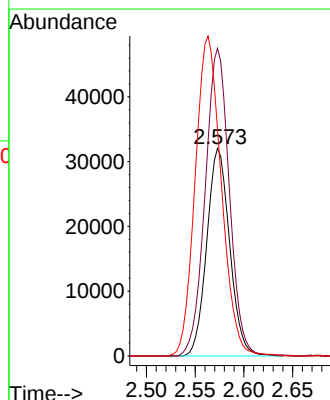
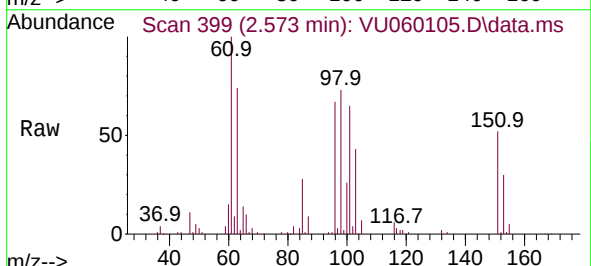
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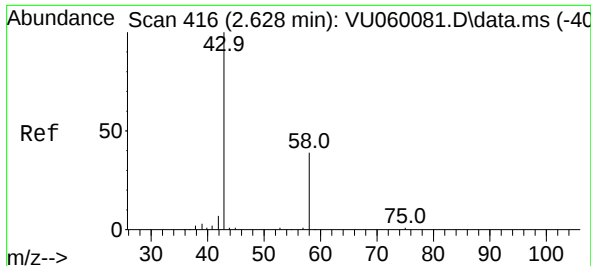
Tgt Ion:101 Resp: 58892
Ion Ratio Lower Upper
101 100
85 42.9 33.2 49.8
151 79.5 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.360 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 96 Resp: 52231
Ion Ratio Lower Upper
96 100
61 148.3 107.0 198.6
63 109.5 76.4 142.0





#13

Acetone

Concen: 50.481 ug/L

RT: 2.644 min Scan# 416

Delta R.T. 0.016 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

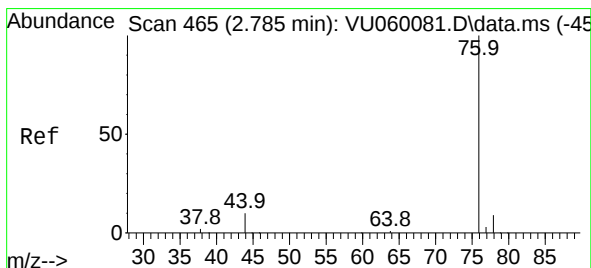
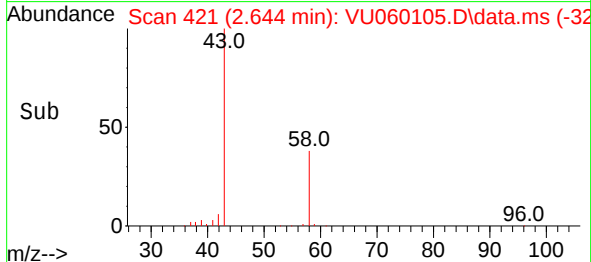
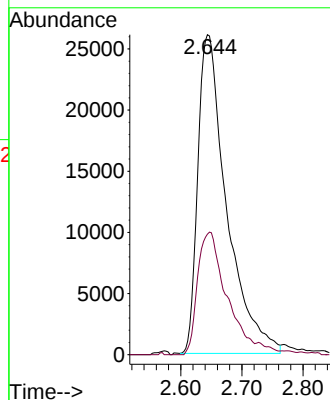
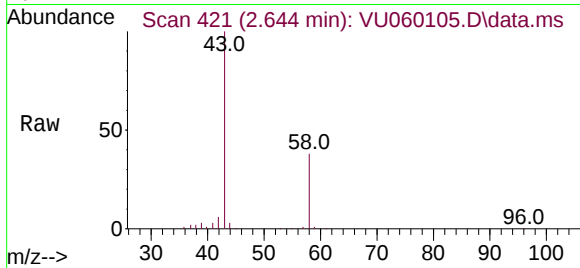
ClientSampleId :

Tgt Ion: 43 Resp: 85253

Ion Ratio Lower Upper

43 100

58 38.4 0.0 82.2



#14

Carbon disulfide

Concen: 4.086 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060105.D

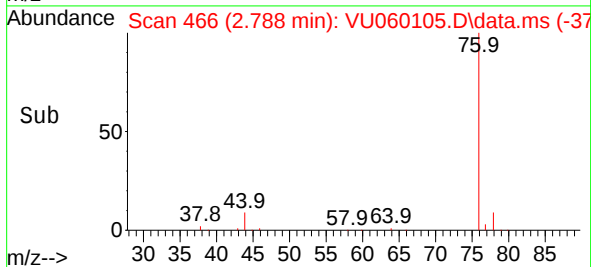
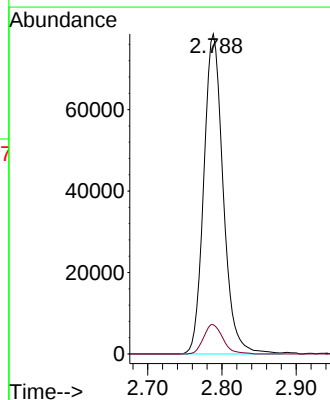
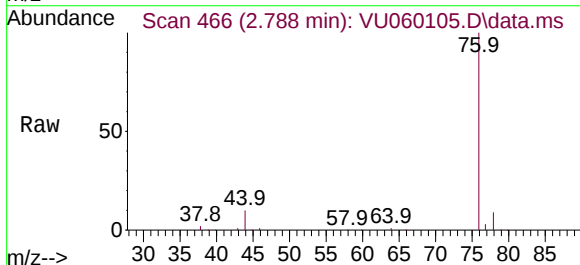
Acq: 23 Jul 2024 10:52

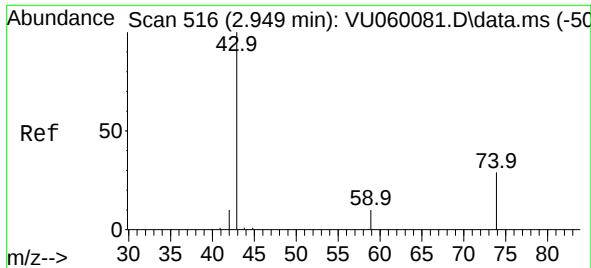
Tgt Ion: 76 Resp: 142518

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

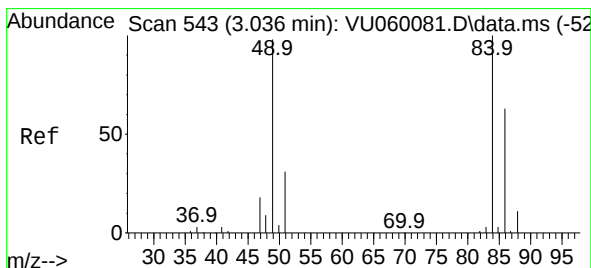
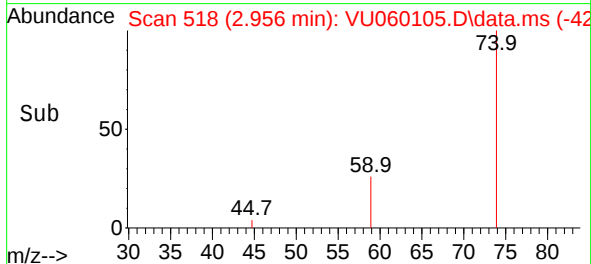
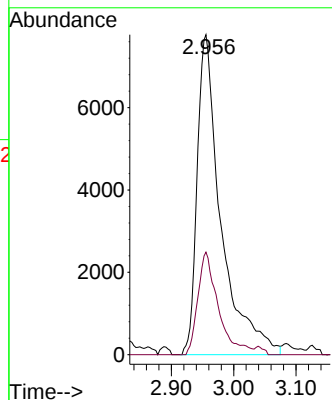
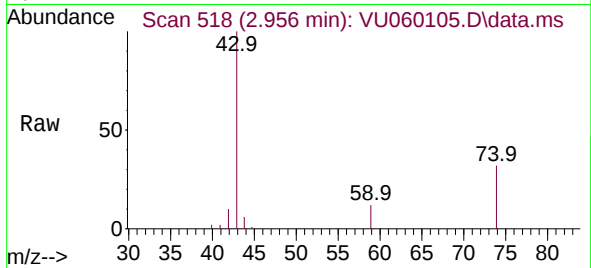




#15
Methyl Acetate
Concen: 4.956 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

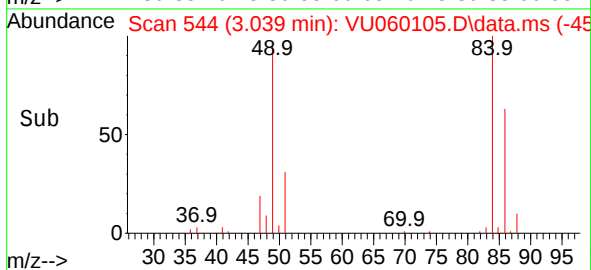
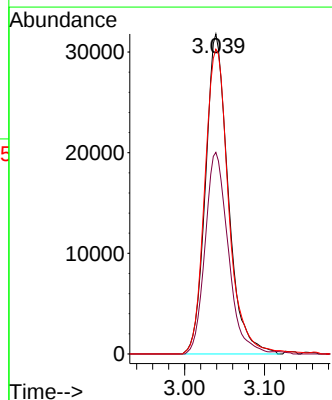
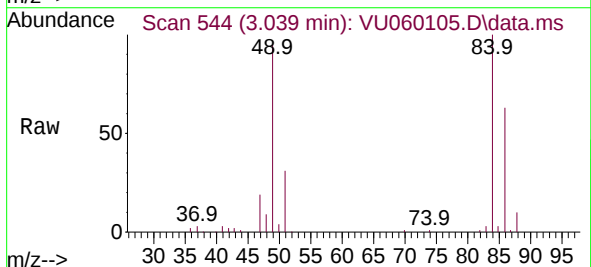
Instrument :
MSVOA_U
ClientSampleId :

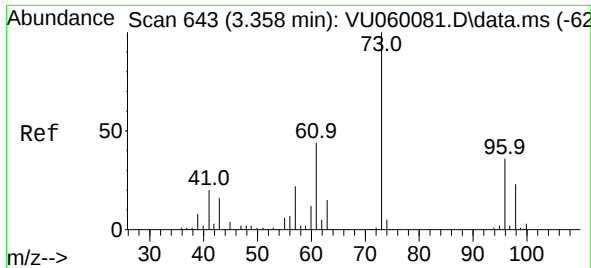
Tgt Ion: 43 Resp: 20587
Ion Ratio Lower Upper
43 100
74 27.7 23.5 35.3



#16
Methylene chloride
Concen: 4.289 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 84 Resp: 63000
Ion Ratio Lower Upper
84 100
86 63.0 44.4 82.5
49 95.3 72.0 133.6

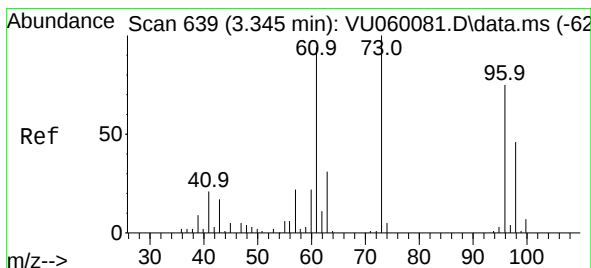
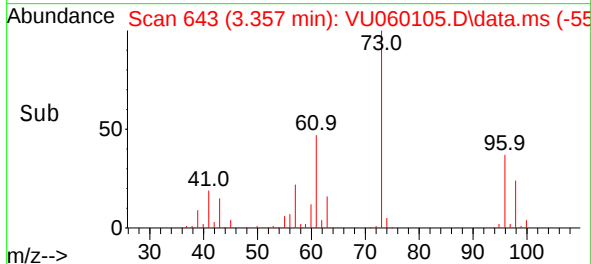
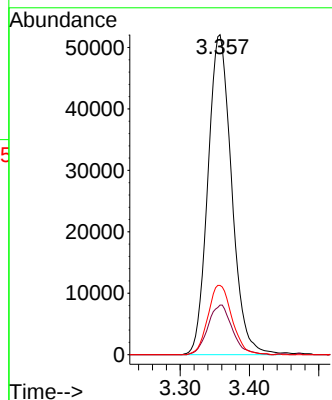
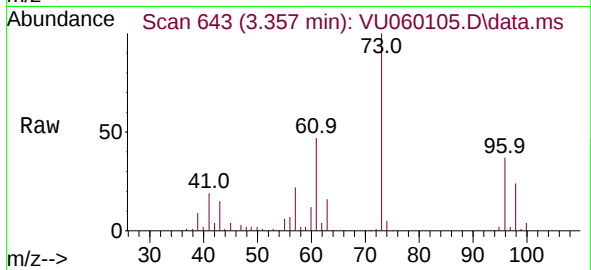




#17
Methyl tert-butyl Ether
Concen: 4.529 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

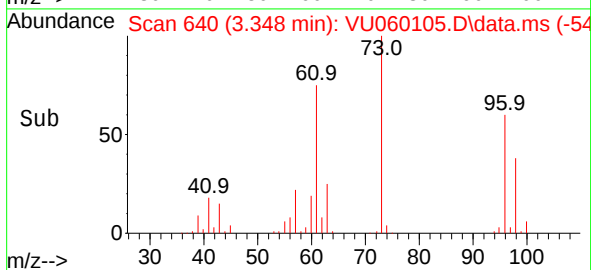
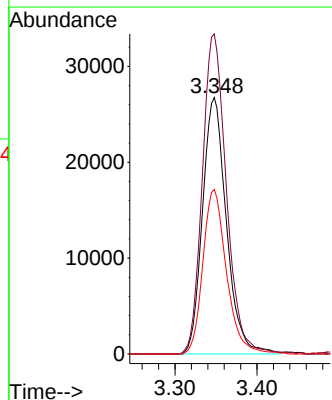
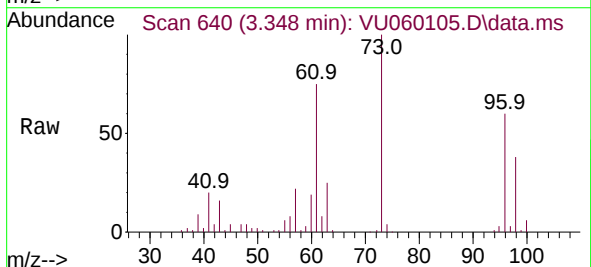
Instrument :
MSVOA_U
ClientSampleId :

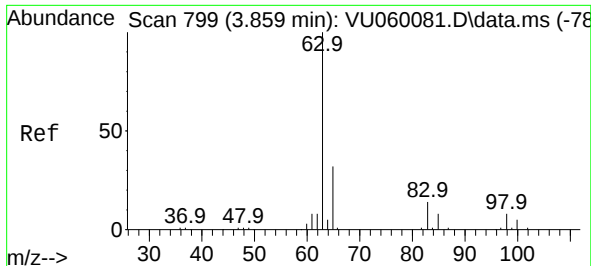
Tgt Ion: 73 Resp: 123717
Ion Ratio Lower Upper
73 100
43 16.0 13.1 19.7
57 22.0 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.351 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

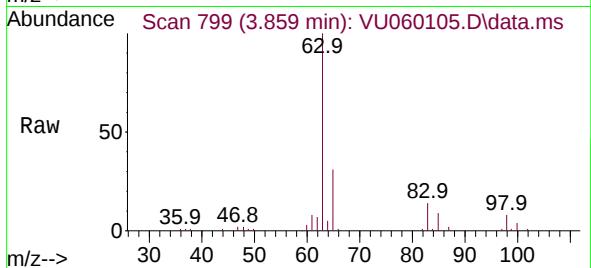
Tgt Ion: 96 Resp: 54219
Ion Ratio Lower Upper
96 100
61 124.8 91.6 170.0
98 64.1 47.7 88.5



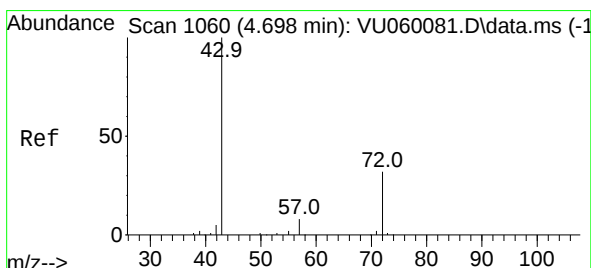
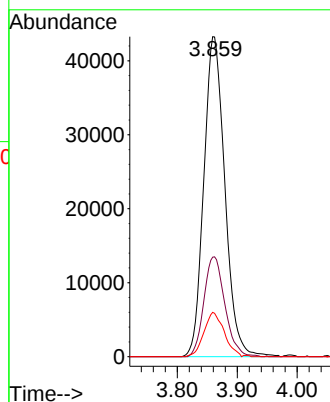
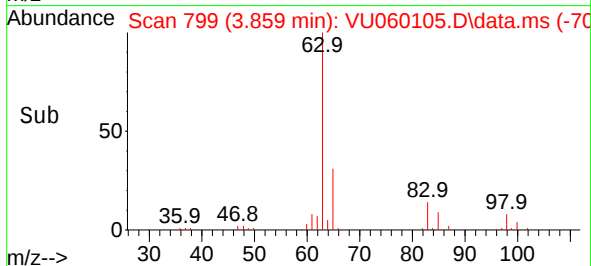


#19
1,1-Dichloroethane
Concen: 4.470 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

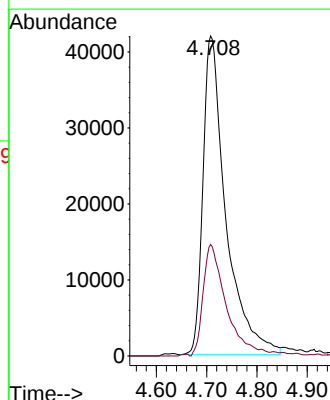
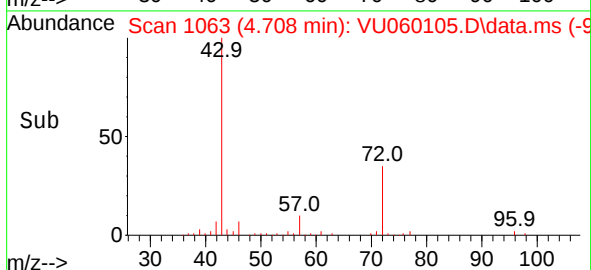
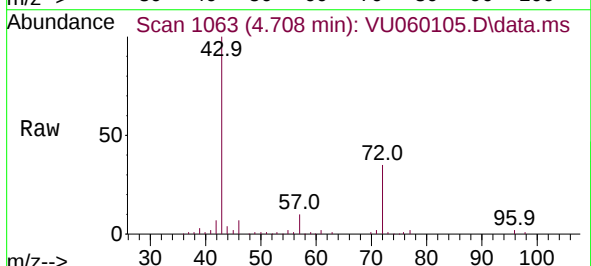


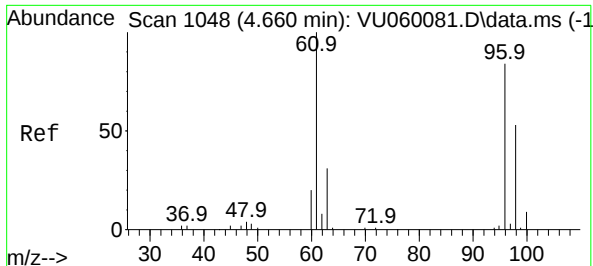
Tgt Ion: 63 Resp: 105768
Ion Ratio Lower Upper
63 100
65 31.1 22.0 40.8
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 49.645 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 43 Resp: 132722
Ion Ratio Lower Upper
43 100
72 34.5 16.3 48.9

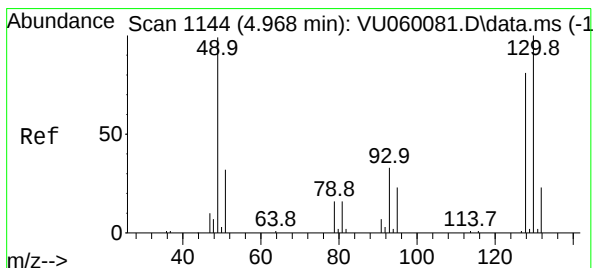
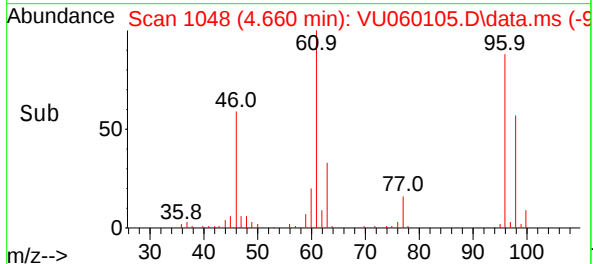
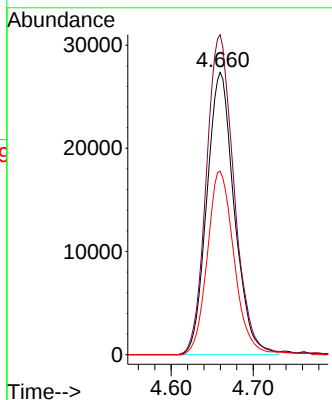
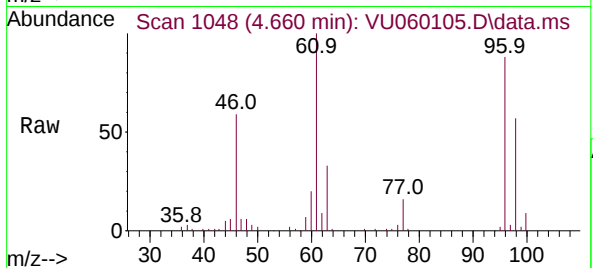




#22
cis-1,2-Dichloroethene
Concen: 4.550 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

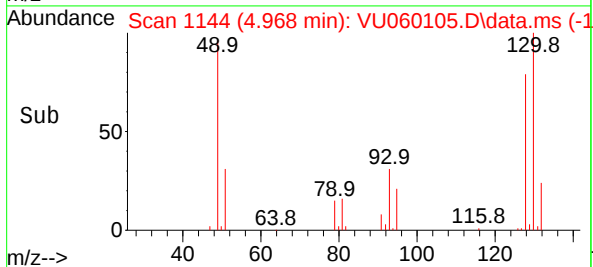
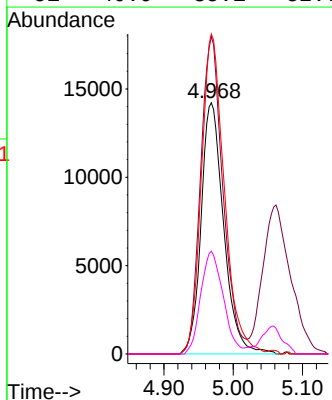
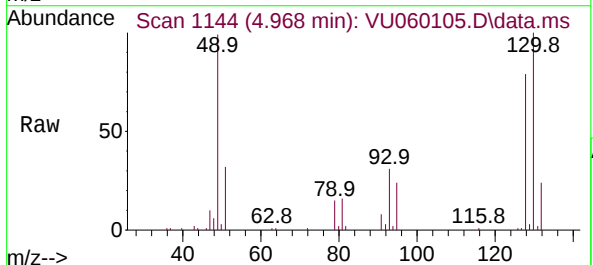
Instrument :
MSVOA_U
ClientSampleId :

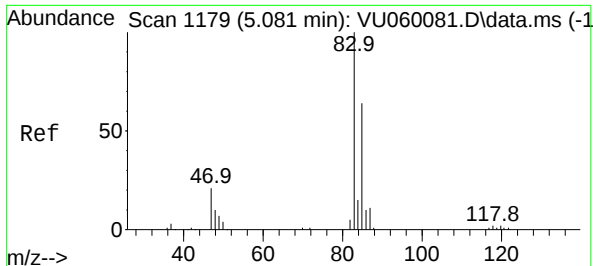
Tgt Ion: 96 Resp: 63511
Ion Ratio Lower Upper
96 100
61 113.4 80.2 148.9
98 65.0 44.7 83.1



#23
Bromochloromethane
Concen: 4.728 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion:128 Resp: 32073
Ion Ratio Lower Upper
128 100
49 130.3 92.3 171.3
130 127.4 87.1 161.7
51 40.9 35.1 52.7

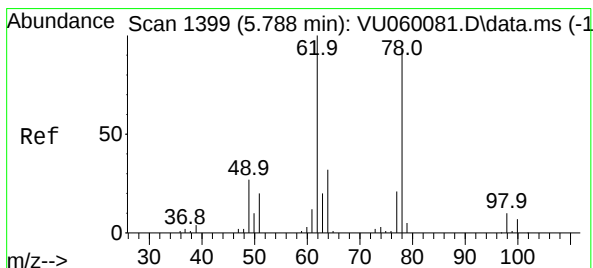
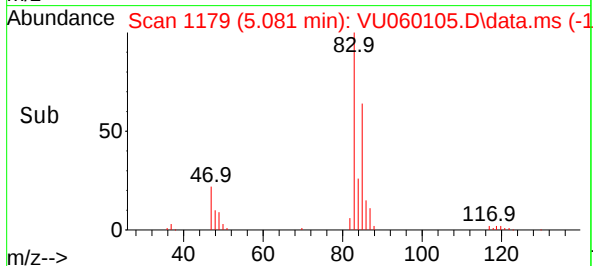
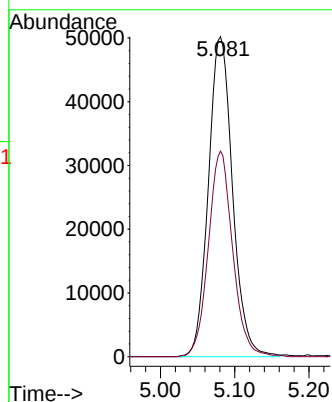
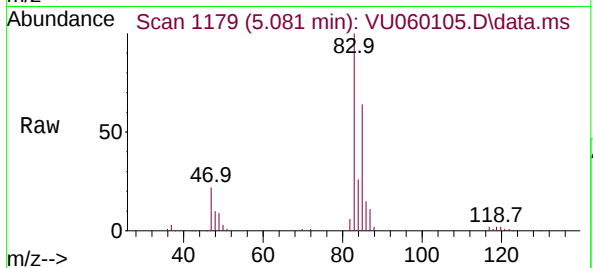




#25
Chloroform
Concen: 4.360 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

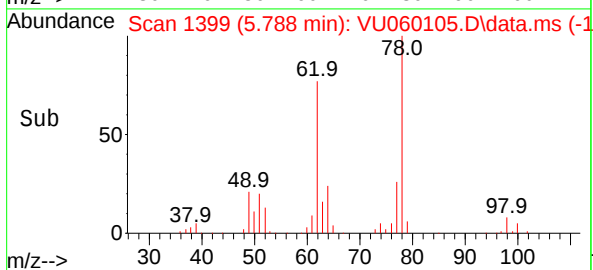
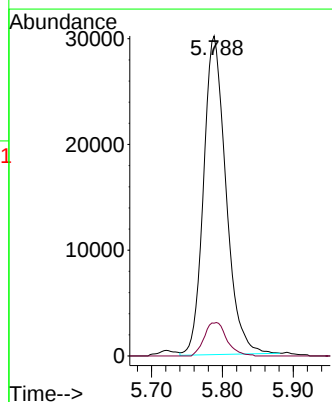
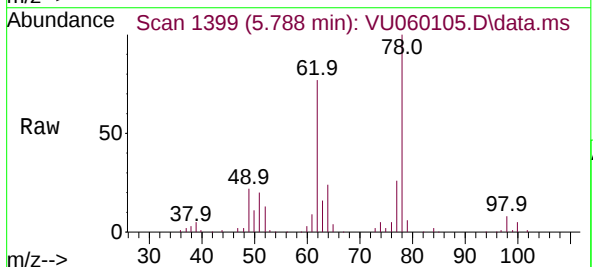
Instrument :
MSVOA_U
ClientSampleId :

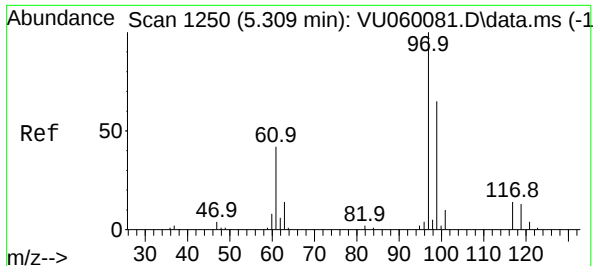
Tgt Ion: 83 Resp: 113436
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.442 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 62 Resp: 66073
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9

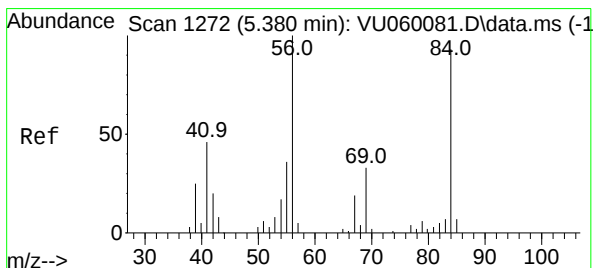
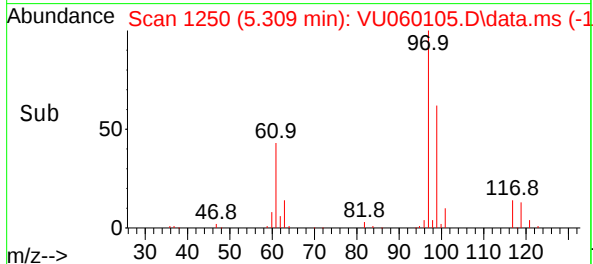
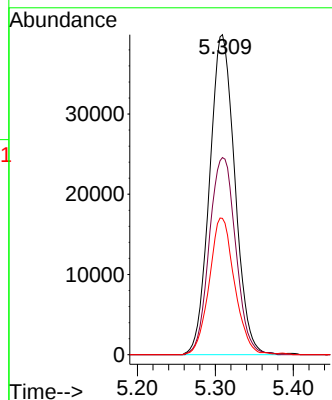
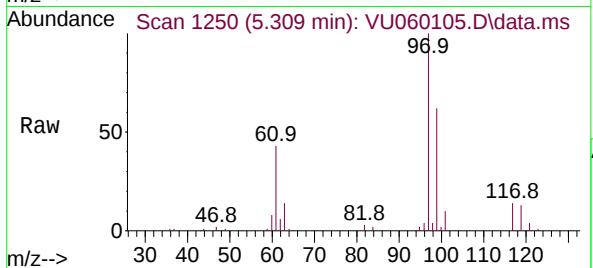




#29
1,1,1-Trichloroethane
Concen: 4.466 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

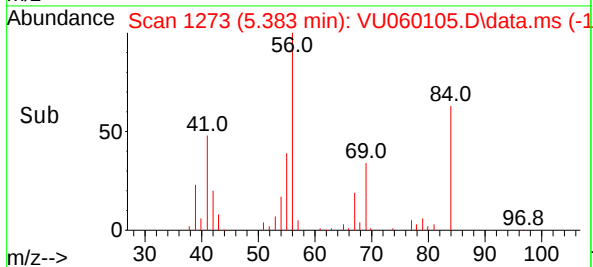
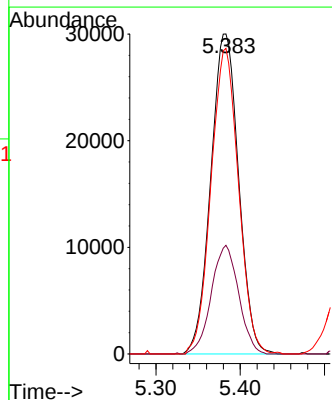
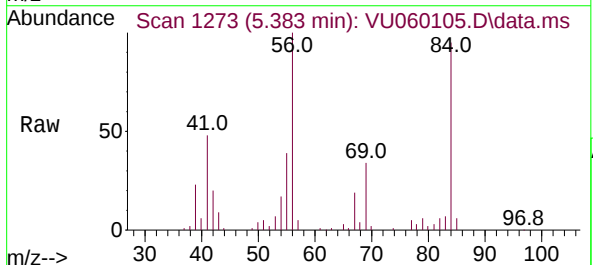
Instrument :
MSVOA_U
ClientSampleId :

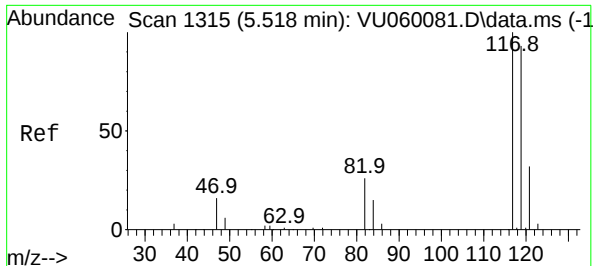
Tgt Ion:	97	Resp:	90115
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	42.7	34.1	51.1



#30
Cyclohexane
Concen: 4.313 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion:	56	Resp:	68835
Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.6	39.8
84	94.0	77.2	115.8

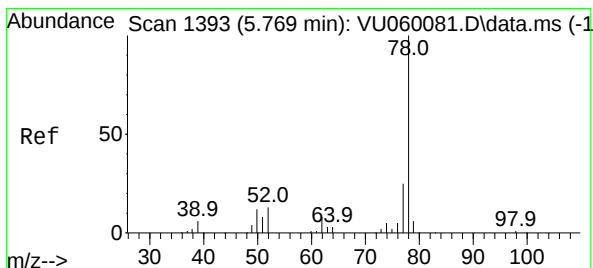
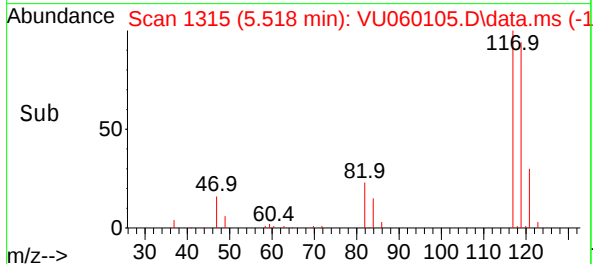
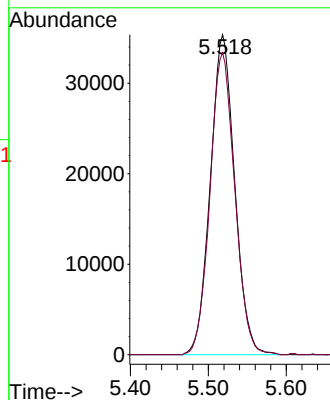
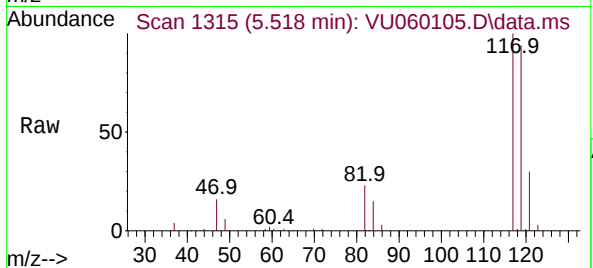




#31
Carbon tetrachloride
Concen: 4.411 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

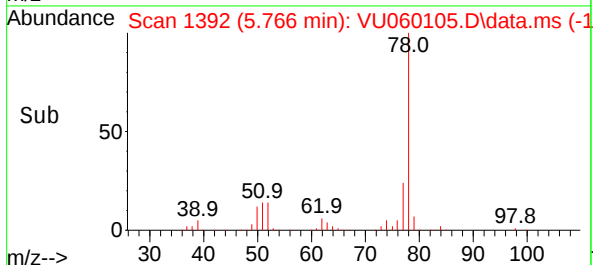
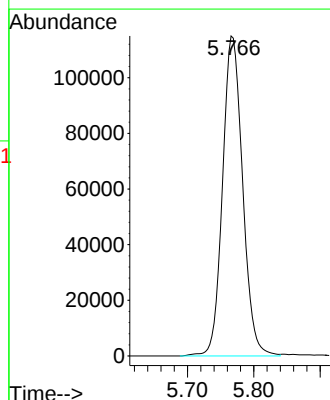
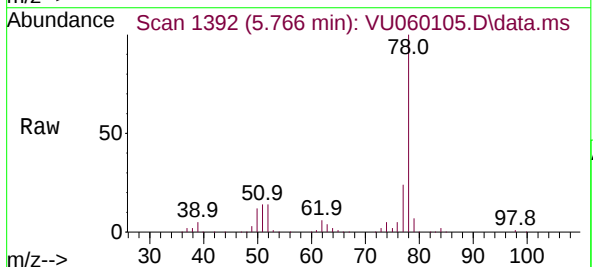
Instrument :
MSVOA_U
ClientSampleId :

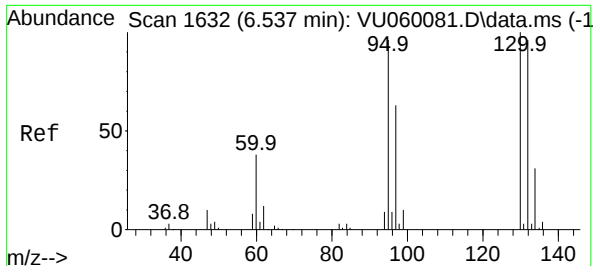
Tgt Ion:117 Resp: 76785
Ion Ratio Lower Upper
117 100
119 95.8 75.6 113.4



#33
Benzene
Concen: 4.547 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 78 Resp: 242681





#34

Trichloroethene

Concen: 4.472 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 63291

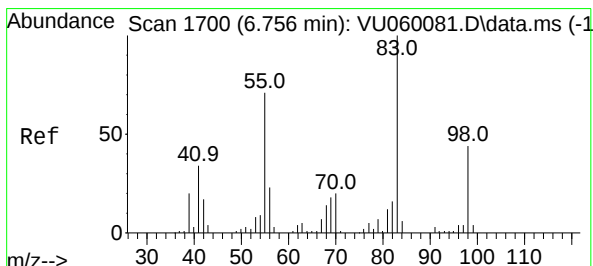
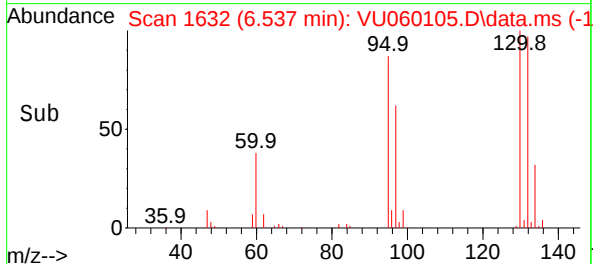
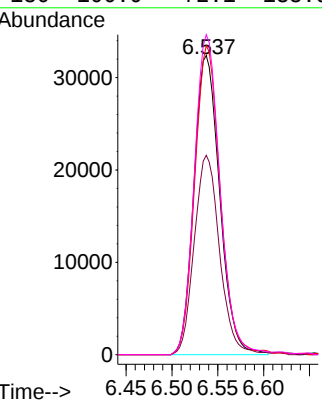
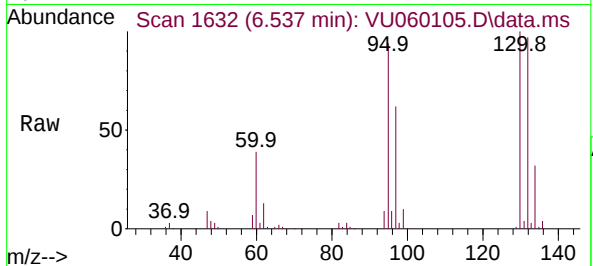
Ion Ratio Lower Upper

95 100

97 66.6 45.9 85.3

132 103.3 71.4 132.6

130 106.9 72.1 133.9



#35

Methylcyclohexane

Concen: 4.462 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

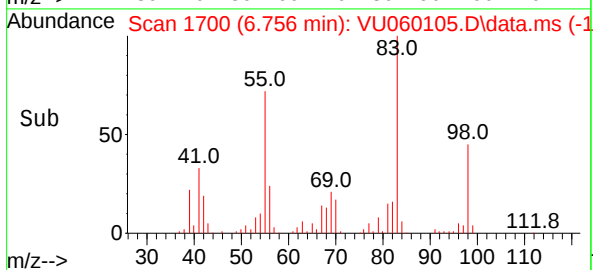
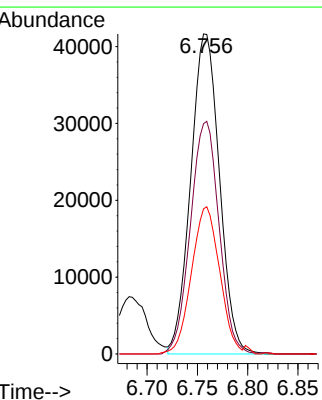
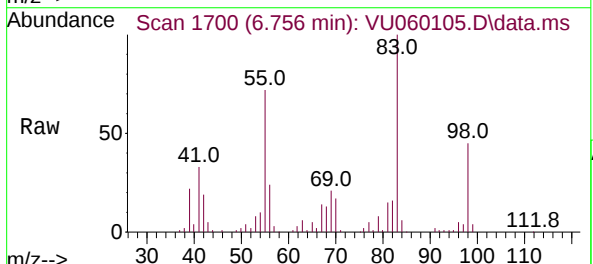
Tgt Ion: 83 Resp: 82778

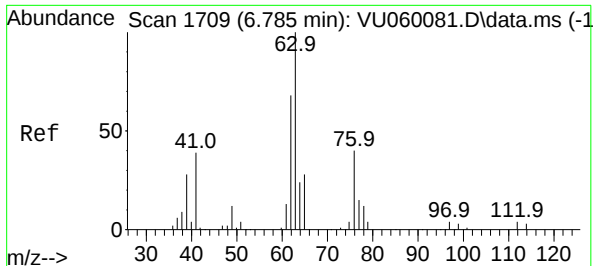
Ion Ratio Lower Upper

83 100

55 72.4 56.7 85.1

98 45.1 36.6 55.0

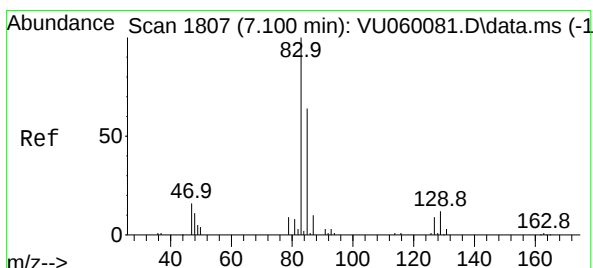
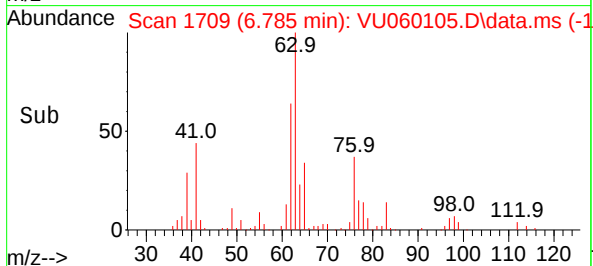
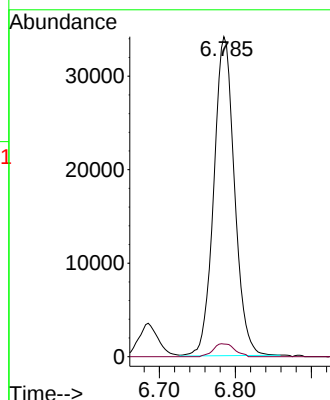
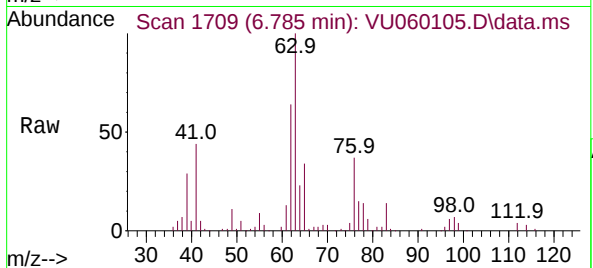




#37
1,2-Dichloropropane
Concen: 4.478 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

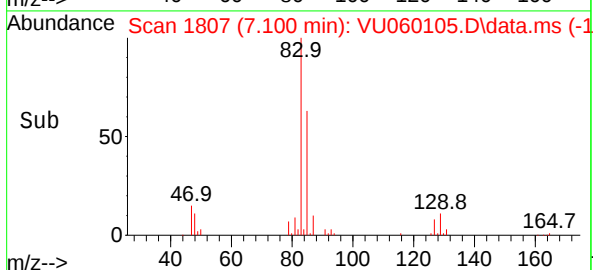
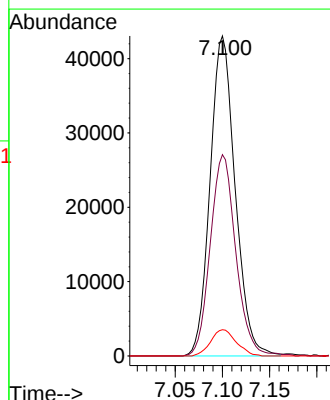
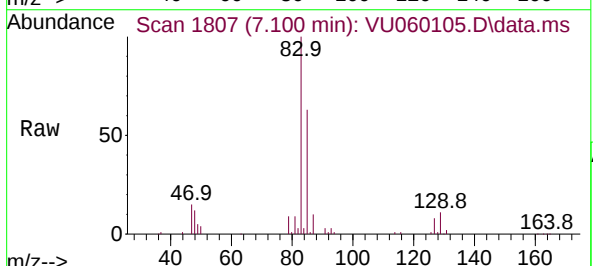
Instrument :
MSVOA_U
ClientSampleId :

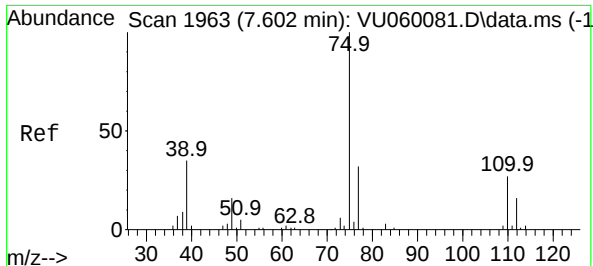
Tgt Ion: 63 Resp: 64563
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 4.397 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 83 Resp: 79414
Ion Ratio Lower Upper
83 100
85 62.9 43.5 80.7
127 8.2 7.1 10.7

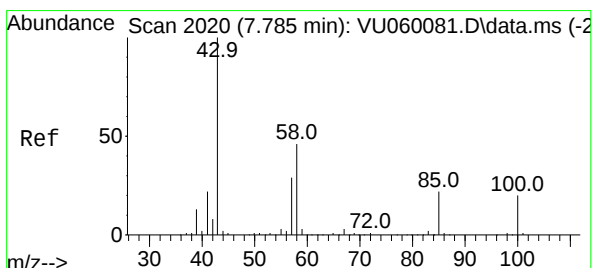
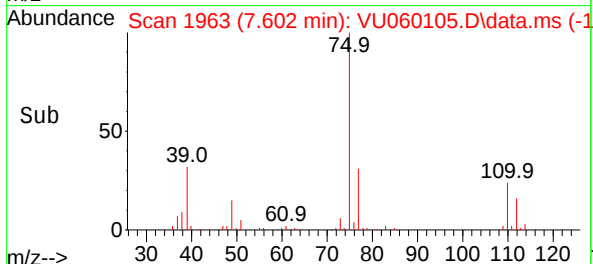
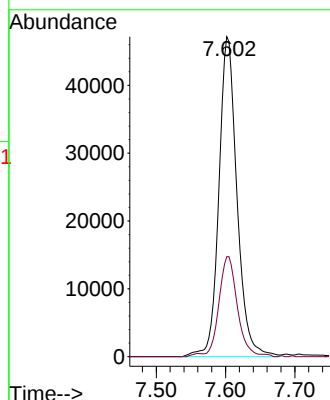
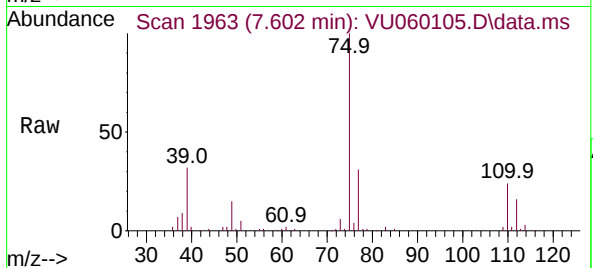




#39
 cis-1,3-Dichloropropene
 Concen: 4.555 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060105.D
 Acq: 23 Jul 2024 10:52

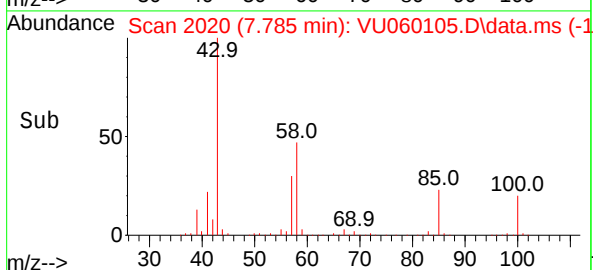
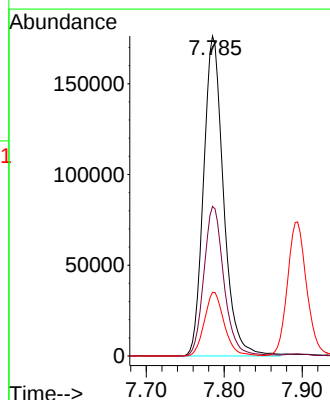
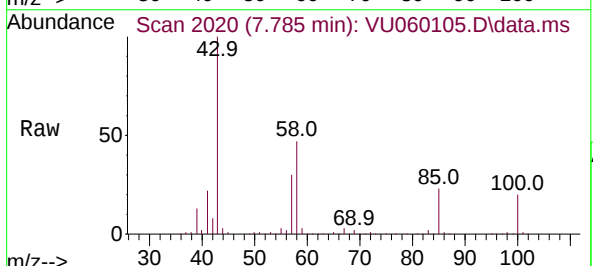
Instrument :
 MSVOA_U
 ClientSampleId :

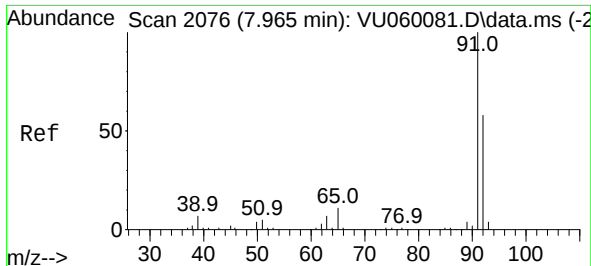
Tgt Ion: 75 Resp: 85826
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 49.225 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060105.D
 Acq: 23 Jul 2024 10:52

Tgt Ion: 43 Resp: 314041
 Ion Ratio Lower Upper
 43 100
 58 47.1 36.0 54.0
 100 19.8 14.9 22.3





#42

Toluene

Concen: 4.674 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

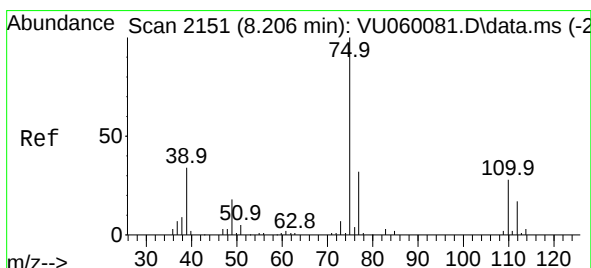
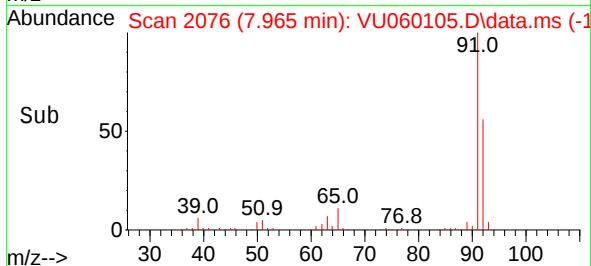
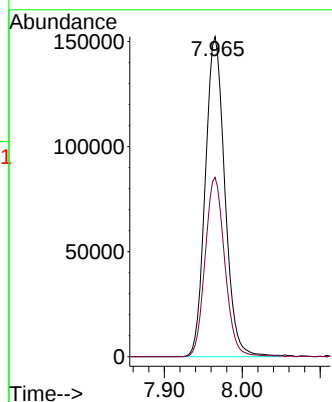
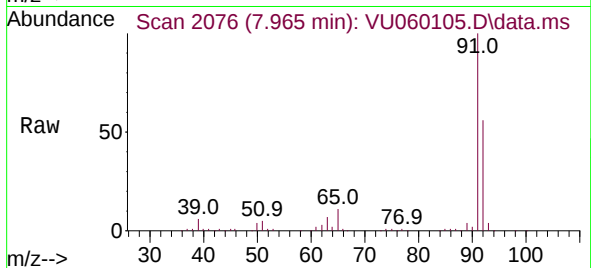
ClientSampleId :

Tgt Ion: 91 Resp: 265431

Ion Ratio Lower Upper

91 100

92 56.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.504 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060105.D

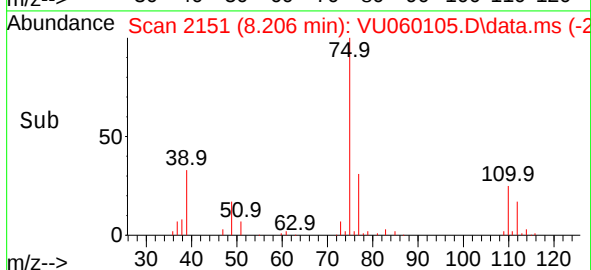
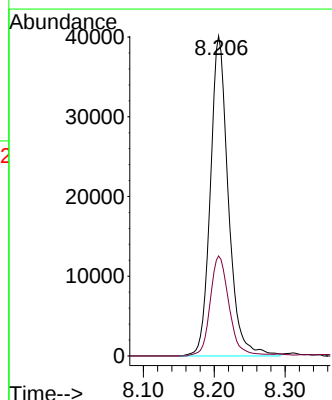
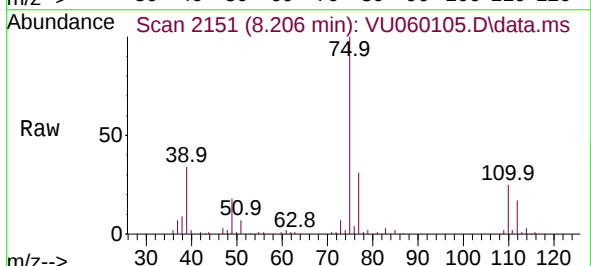
Acq: 23 Jul 2024 10:52

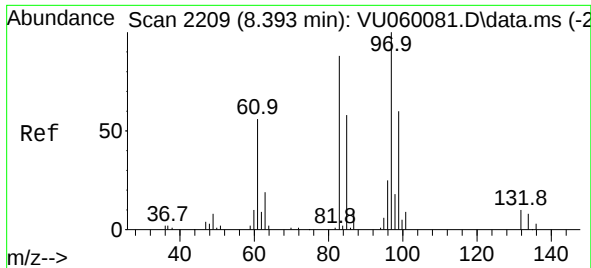
Tgt Ion: 75 Resp: 70888

Ion Ratio Lower Upper

75 100

77 31.2 22.6 42.0

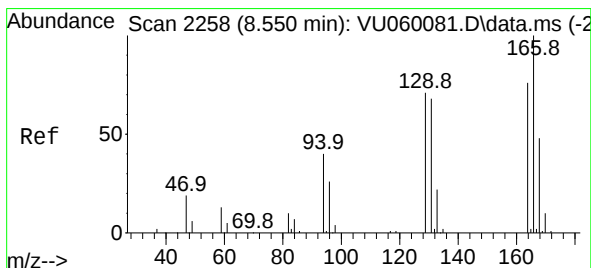
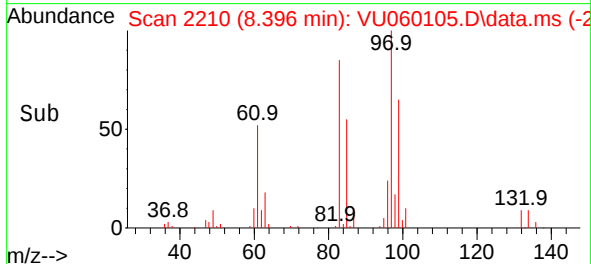
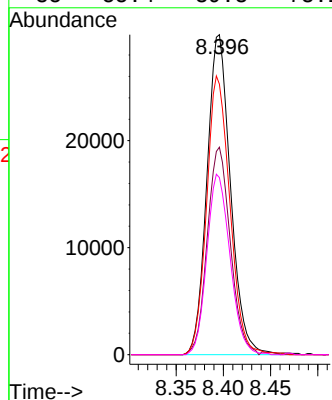
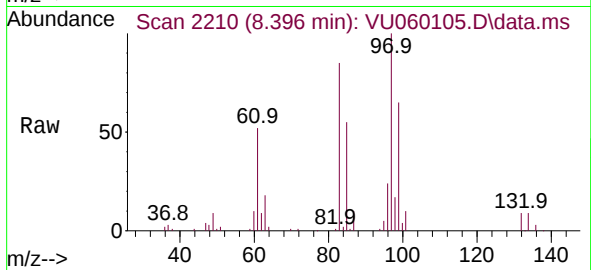




#45
1,1,2-Trichloroethane
Concen: 4.716 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

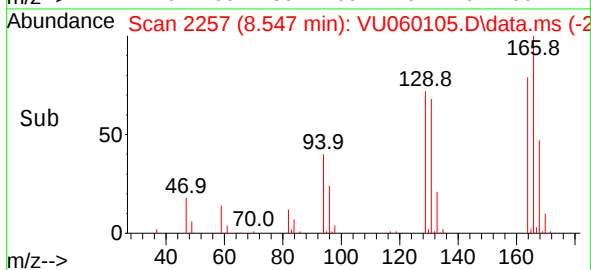
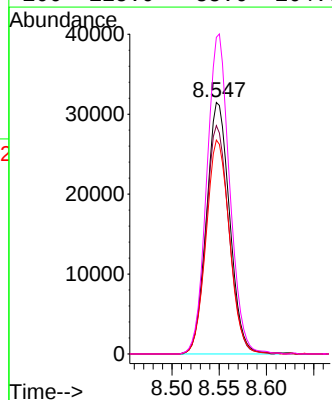
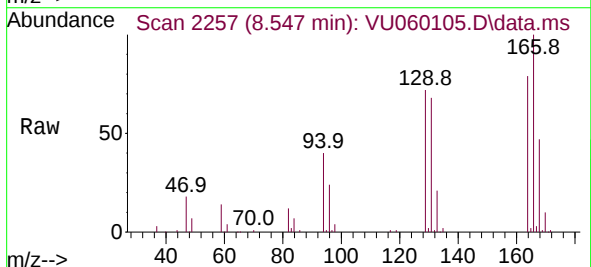
Instrument :
MSVOA_U
ClientSampleId :

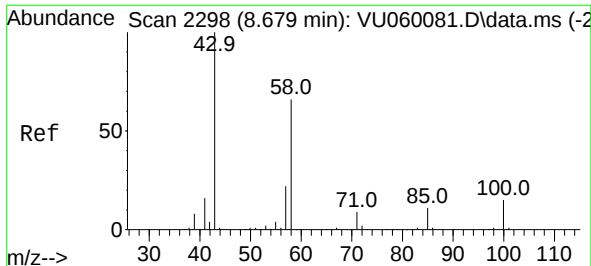
Tgt Ion:	97	Resp:	51955
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.8	81.4
83	84.5	62.1	115.3
85	55.4	39.3	73.1



#47
Tetrachloroethene
Concen: 4.593 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

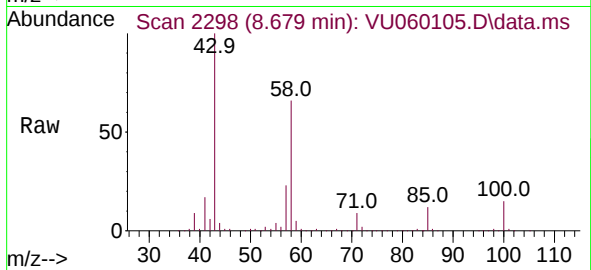
Tgt Ion:	164	Resp:	53755
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.6	120.0
131	85.0	61.2	113.8
166	125.9	88.6	164.6



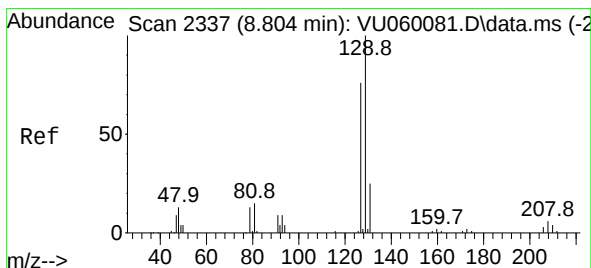
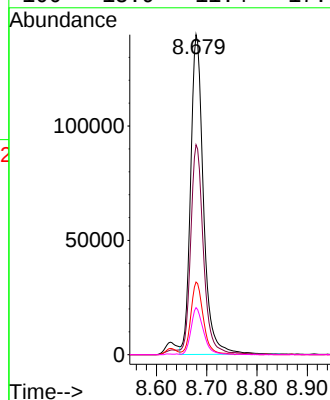
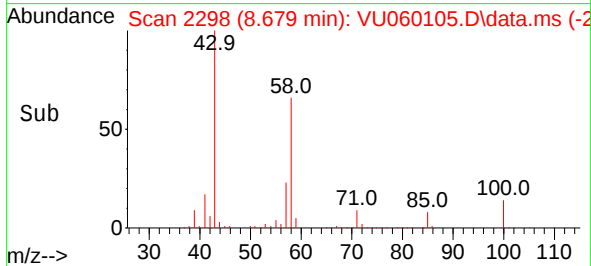


#48
2-Hexanone
Concen: 53.107 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

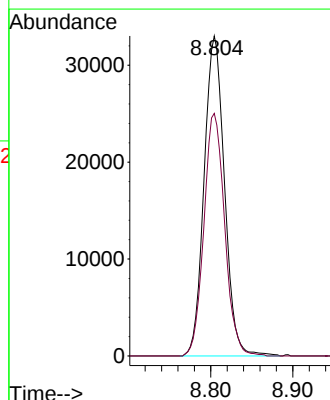
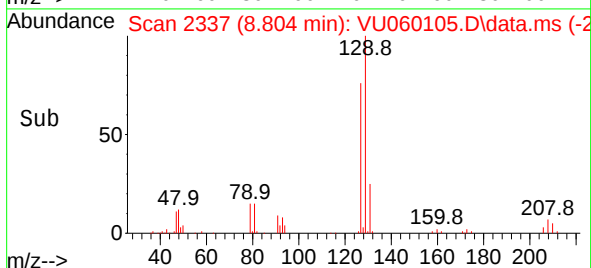
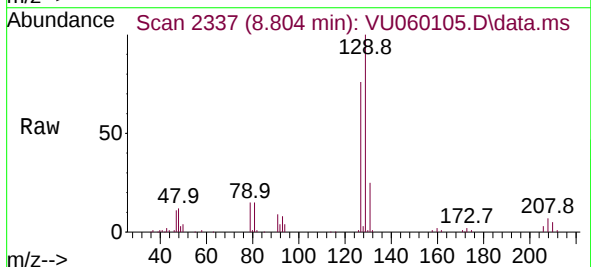


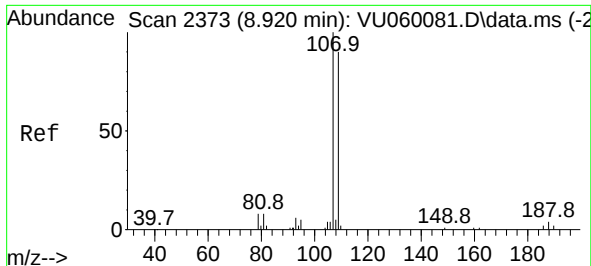
Tgt Ion: 43 Resp: 248070
Ion Ratio Lower Upper
43 100
58 64.6 52.6 78.8
57 22.3 17.8 26.8
100 13.9 11.4 17.0



#49
Dibromochloromethane
Concen: 4.693 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 129 Resp: 57191
Ion Ratio Lower Upper
129 100
127 75.8 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.774 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. -0.000 min

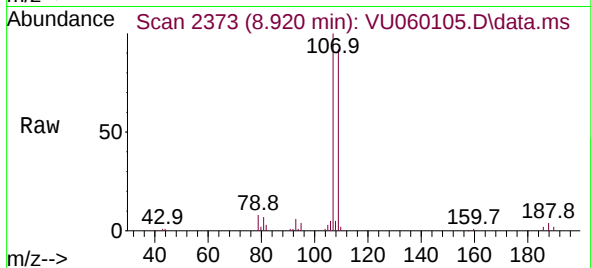
Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :



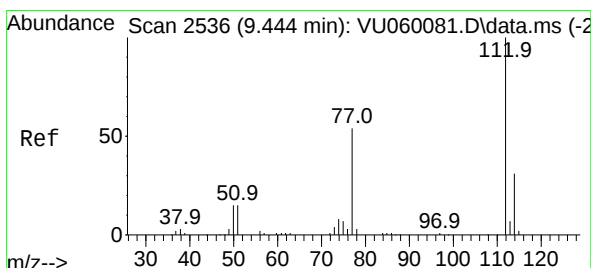
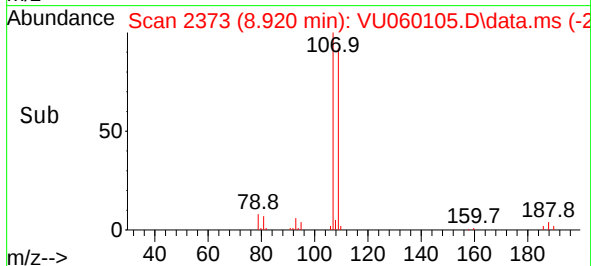
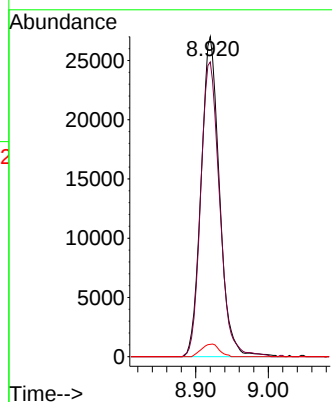
Tgt Ion:107 Resp: 47556

Ion Ratio Lower Upper

107 100

109 92.1 64.0 118.8

188 3.8 3.0 4.6



#51

Chlorobenzene

Concen: 4.510 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

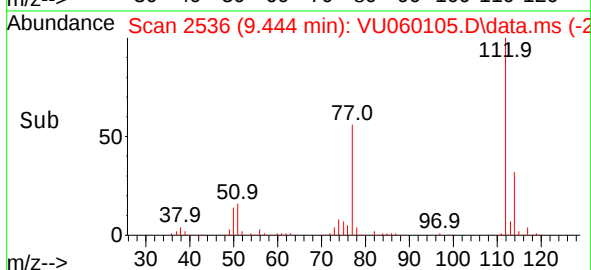
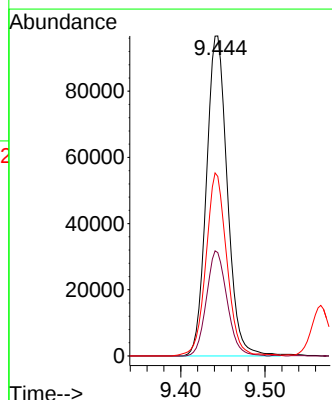
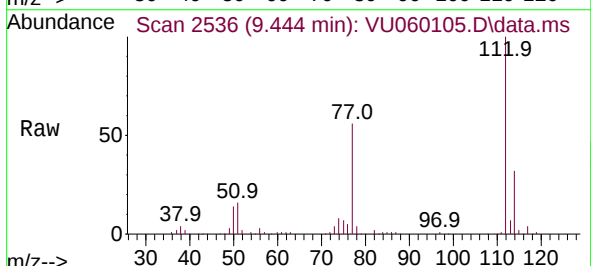
Tgt Ion:112 Resp: 167319

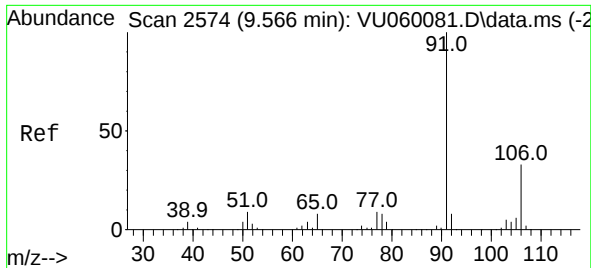
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 56.1 44.7 67.1





#52

Ethylbenzene

Concen: 4.549 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

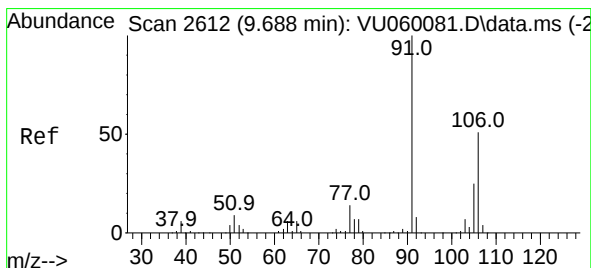
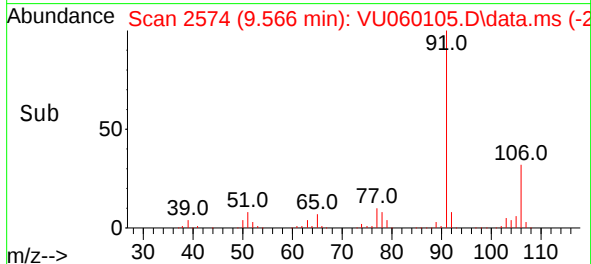
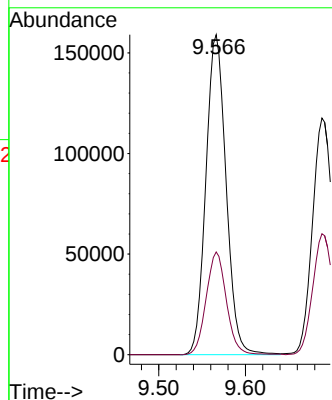
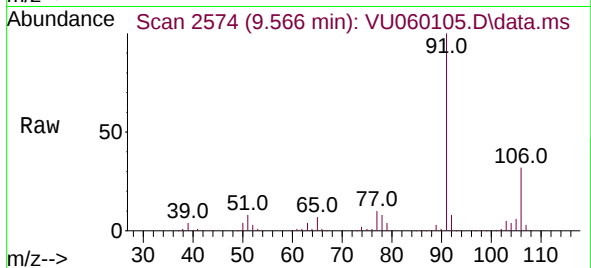
ClientSampleId :

Tgt Ion: 91 Resp: 257627

Ion Ratio Lower Upper

91 100

106 32.1 21.9 40.7



#53

m,p-Xylene

Concen: 4.702 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU060105.D

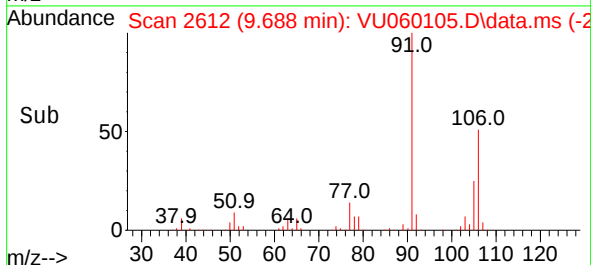
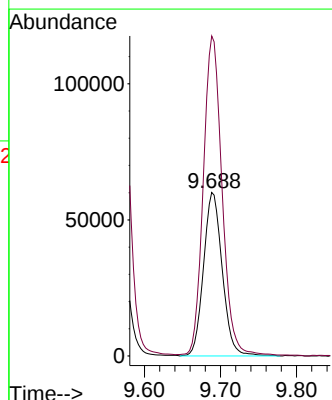
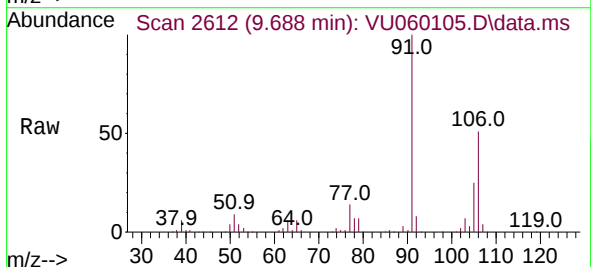
Acq: 23 Jul 2024 10:52

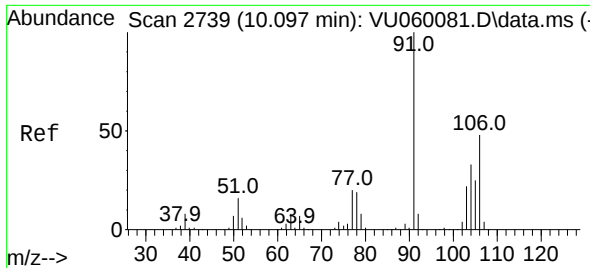
Tgt Ion:106 Resp: 102877

Ion Ratio Lower Upper

106 100

91 195.7 141.3 262.5

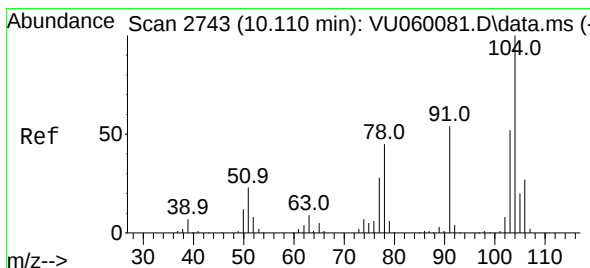
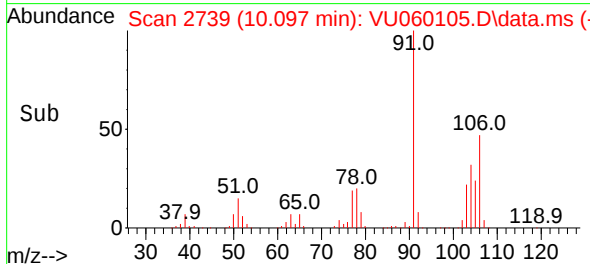
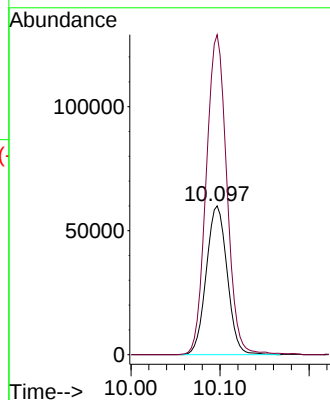
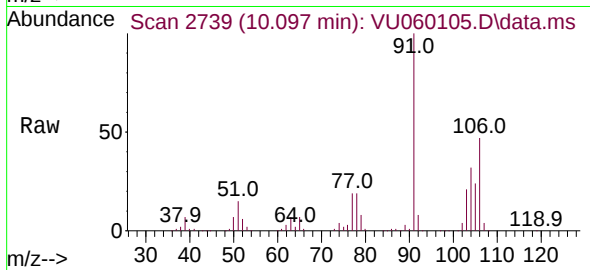




#54
o-Xylene
Concen: 4.677 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

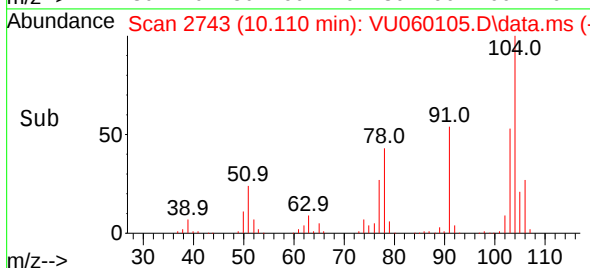
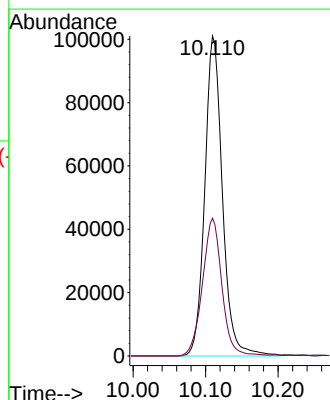
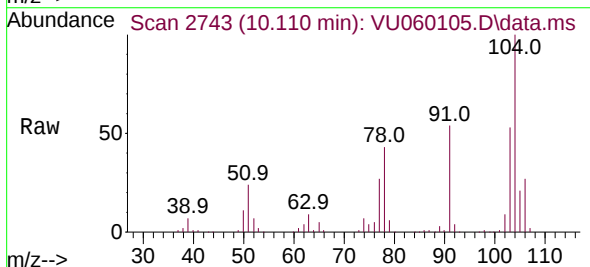
Instrument :
MSVOA_U
ClientSampleId :

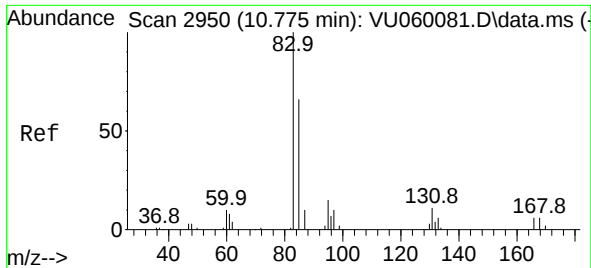
Tgt Ion:106 Resp: 97856
Ion Ratio Lower Upper
106 100
91 215.0 143.6 266.6



#55
Styrene
Concen: 4.804 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion:104 Resp: 171084
Ion Ratio Lower Upper
104 100
78 43.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.728 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :

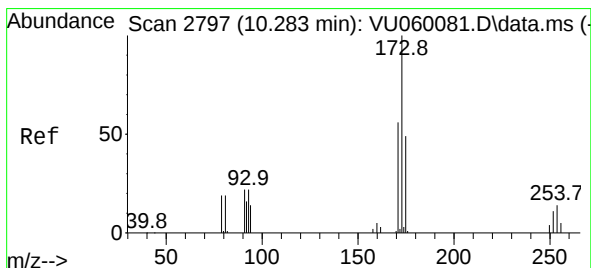
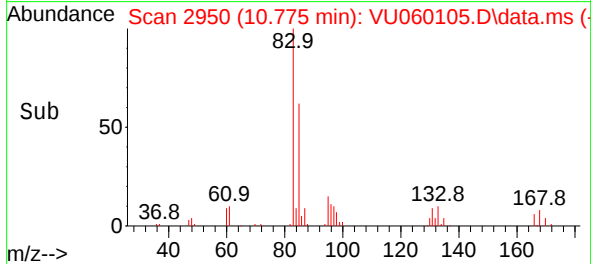
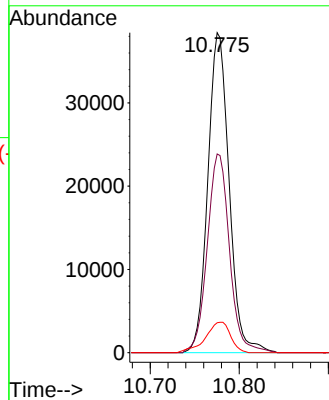
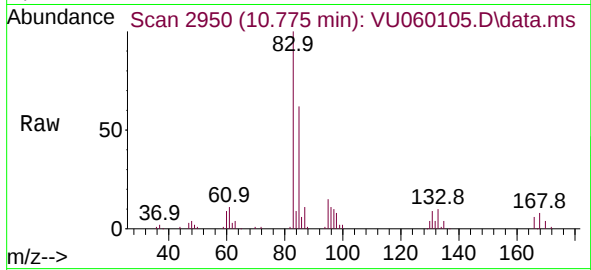
Tgt Ion: 83 Resp: 63717

Ion Ratio Lower Upper

83 100

85 62.1 46.8 87.0

131 9.4 7.8 11.6



#59

Bromoform

Concen: 4.895 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

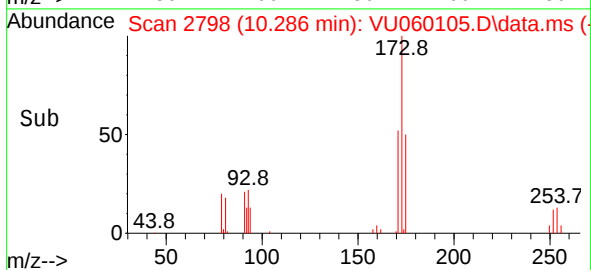
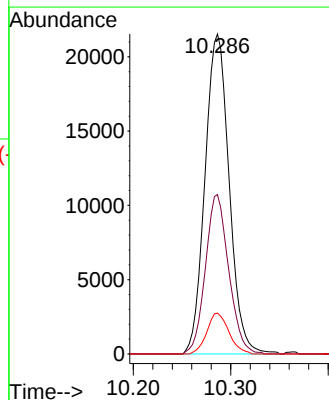
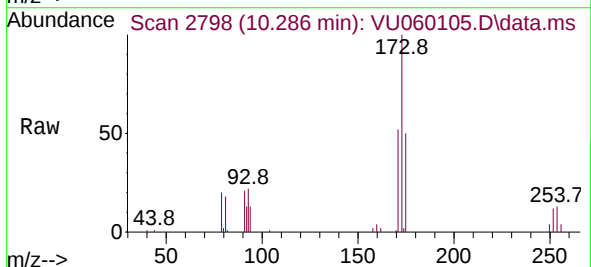
Tgt Ion:173 Resp: 37100

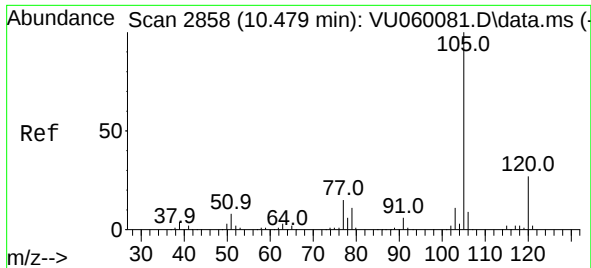
Ion Ratio Lower Upper

173 100

175 47.9 38.7 58.1

254 11.7 9.0 13.4

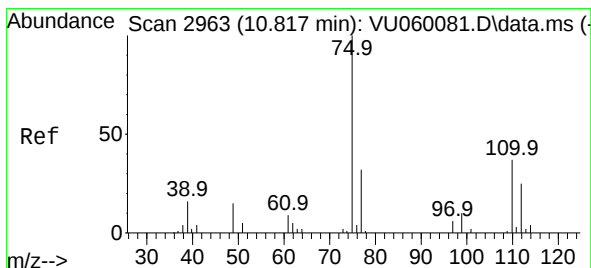
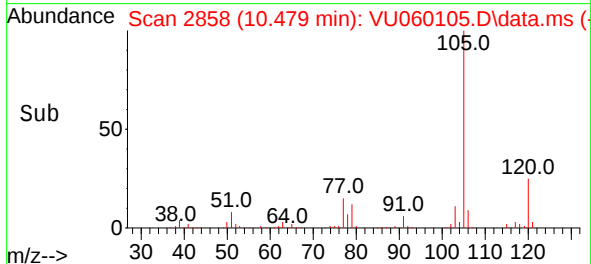
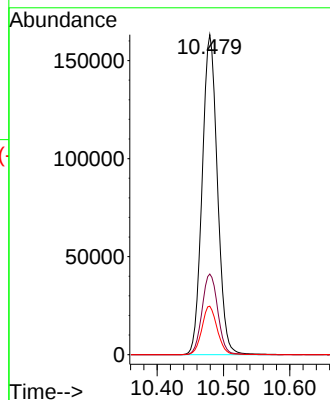
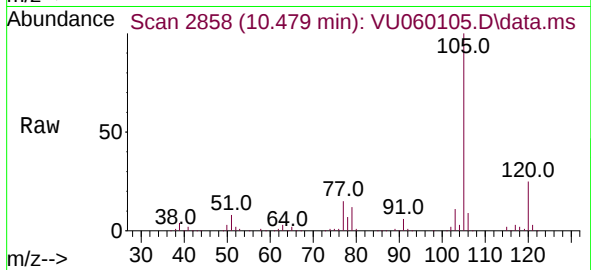




#60
Isopropylbenzene
Concen: 4.770 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

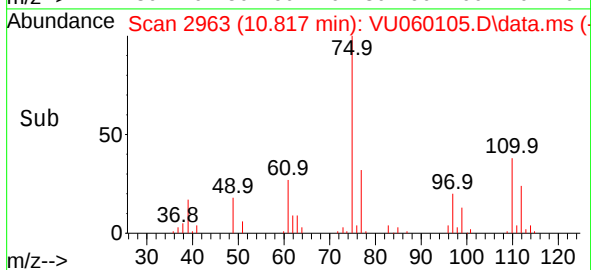
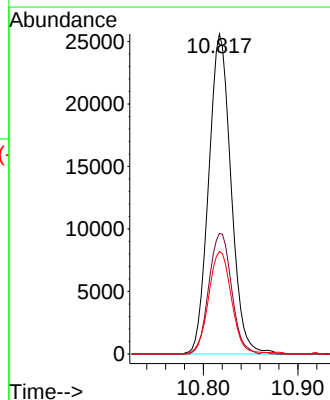
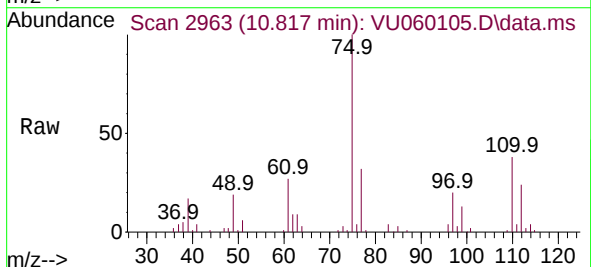
Instrument :
MSVOA_U
ClientSampleId :

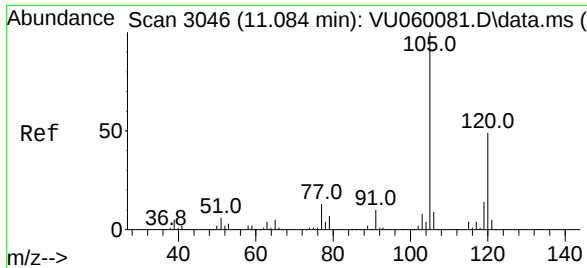
Tgt Ion:105 Resp: 260160
Ion Ratio Lower Upper
105 100
120 26.0 21.9 32.9
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.776 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion: 75 Resp: 41989
Ion Ratio Lower Upper
75 100
110 38.2 30.8 46.2
77 32.9 26.2 39.2

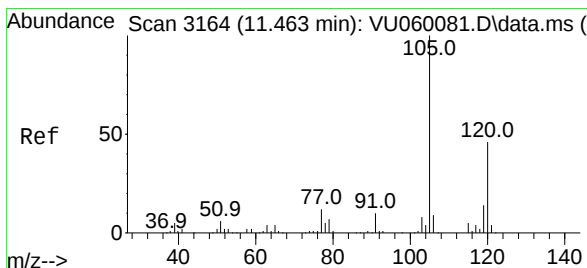
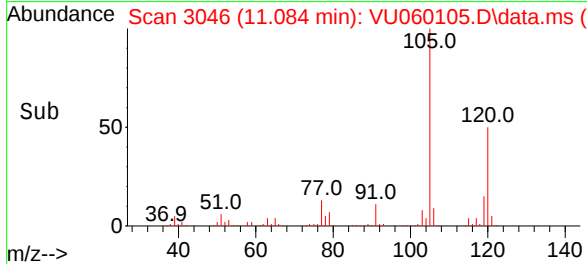
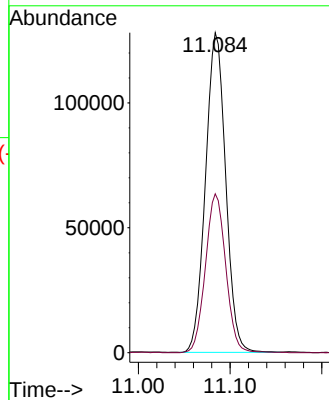
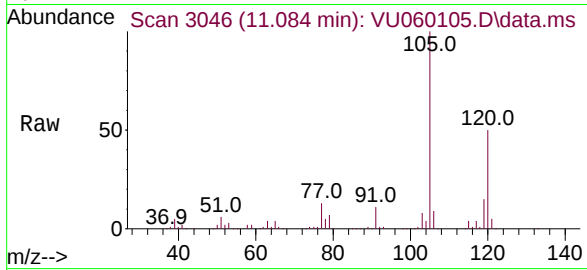




#62
1,3,5-Trimethylbenzene
Concen: 4.690 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

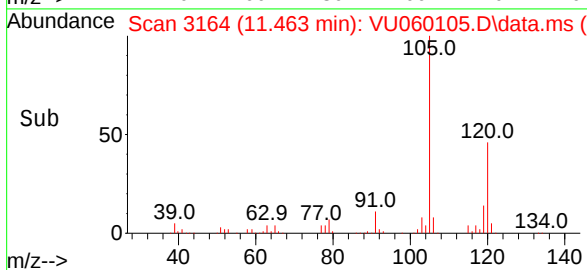
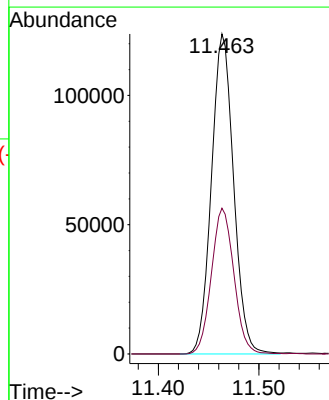
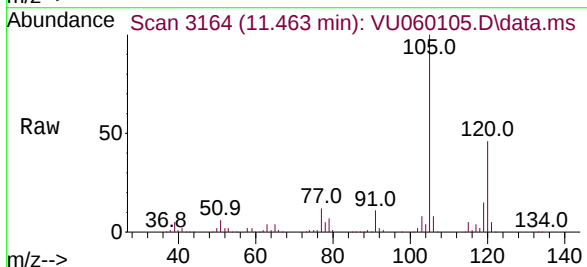
Instrument :
MSVOA_U
ClientSampleId :

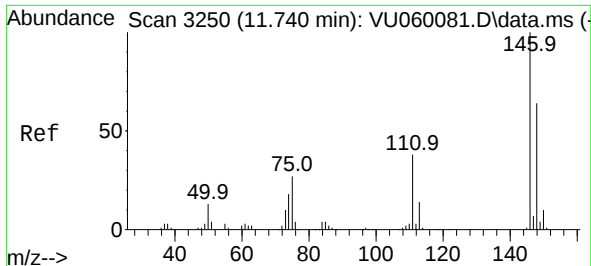
Tgt Ion:105 Resp: 195458
Ion Ratio Lower Upper
105 100
120 50.1 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 4.707 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060105.D
Acq: 23 Jul 2024 10:52

Tgt Ion:105 Resp: 189548
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.694 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

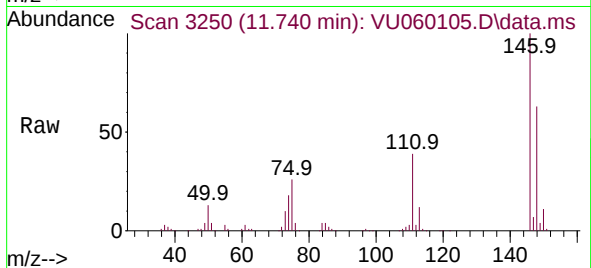
Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :



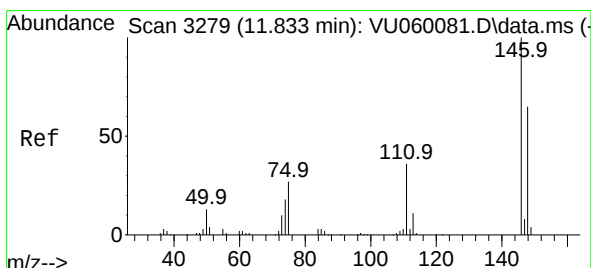
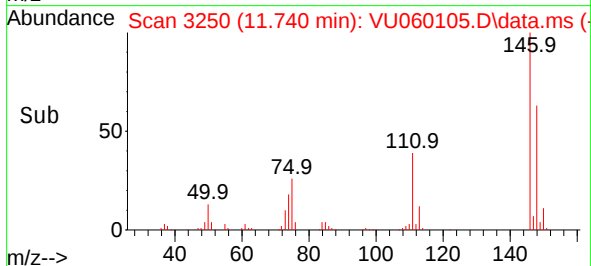
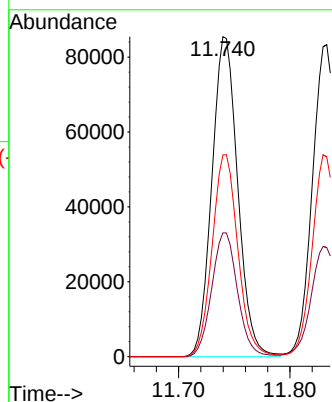
Tgt Ion:146 Resp: 137764

Ion Ratio Lower Upper

146 100

111 38.7 27.2 50.4

148 63.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.588 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

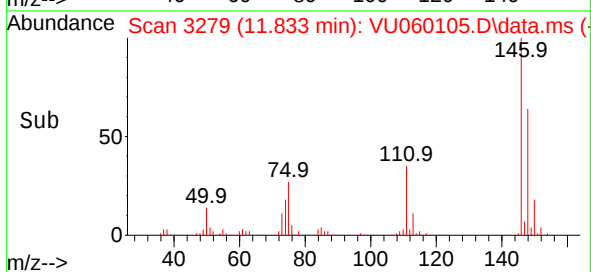
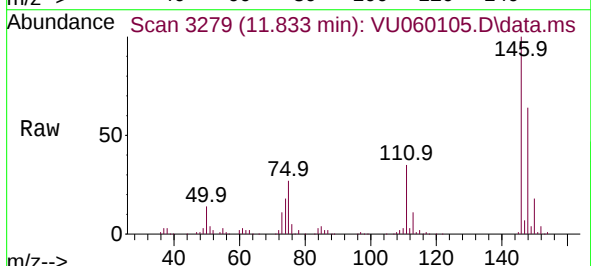
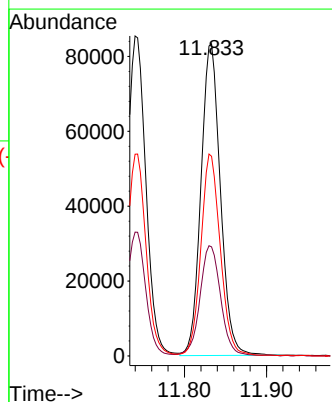
Tgt Ion:146 Resp: 137068

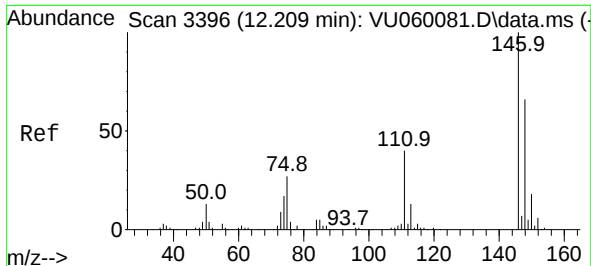
Ion Ratio Lower Upper

146 100

111 35.0 26.5 49.1

148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.666 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :

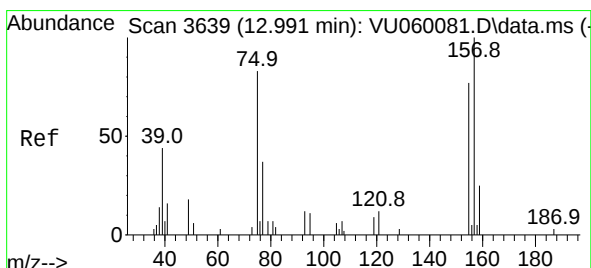
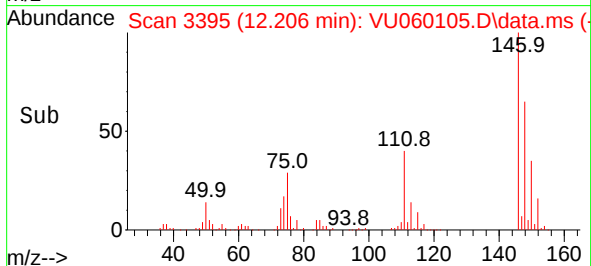
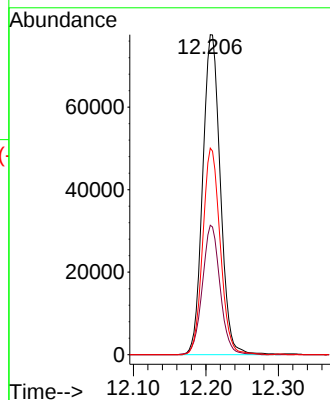
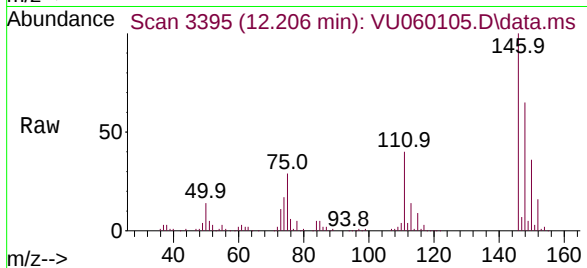
Tgt Ion:146 Resp: 131080

Ion Ratio Lower Upper

146 100

111 40.4 30.9 46.3

148 64.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.311 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

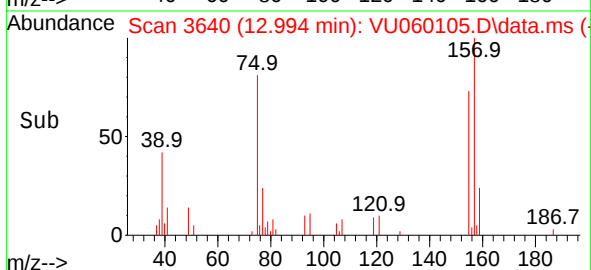
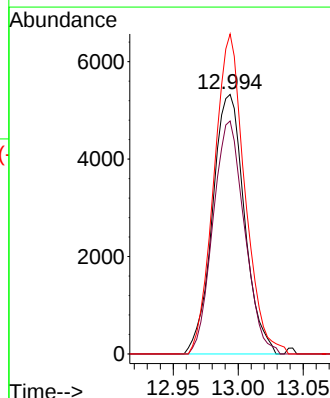
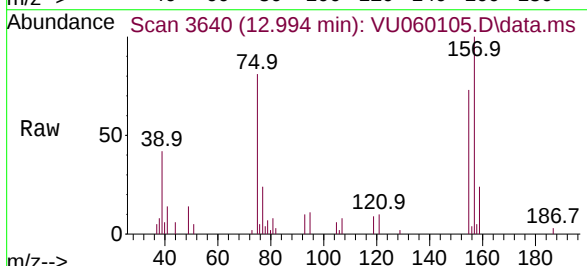
Tgt Ion: 75 Resp: 9100

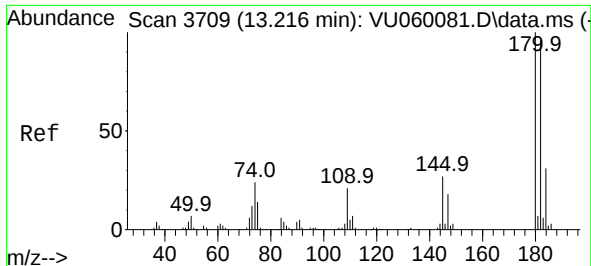
Ion Ratio Lower Upper

75 100

155 89.8 70.6 105.8

157 123.3 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.587 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

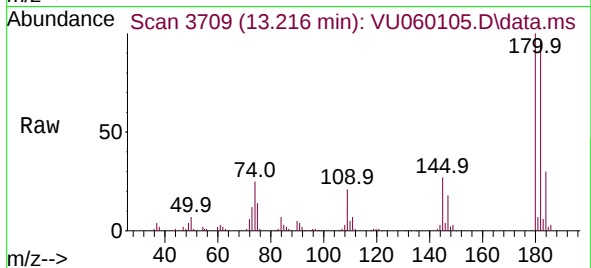
Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 101597

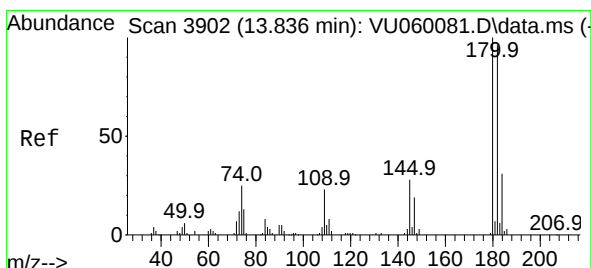
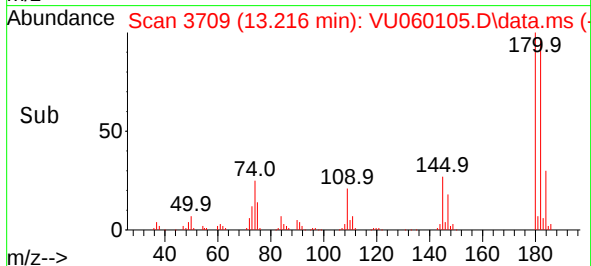
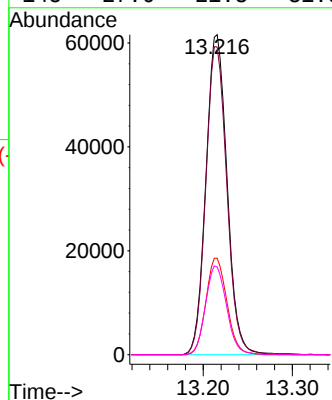
Ion Ratio Lower Upper

180 100

182 95.6 74.6 111.8

184 29.9 23.1 34.7

145 27.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.685 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

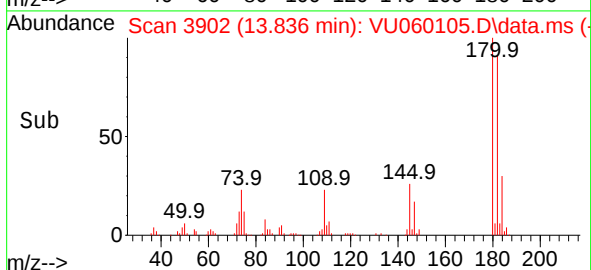
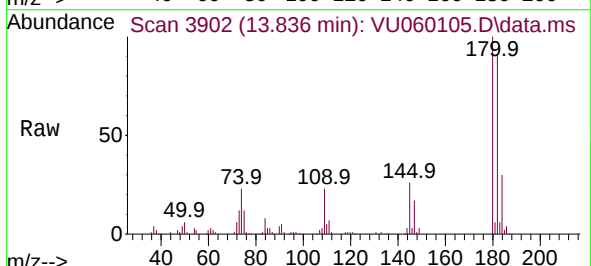
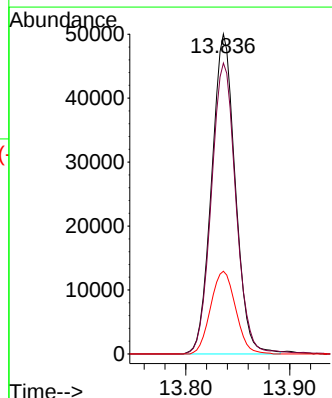
Tgt Ion:180 Resp: 78984

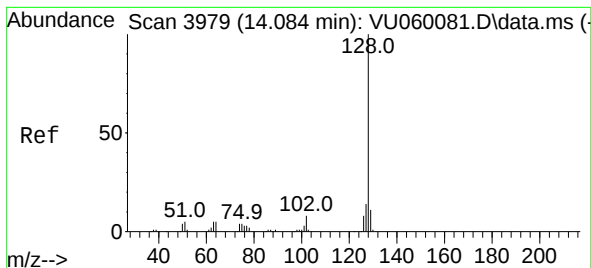
Ion Ratio Lower Upper

180 100

182 94.3 77.2 115.8

145 27.3 23.0 34.4





#71

Naphthalene

Concen: 4.784 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :

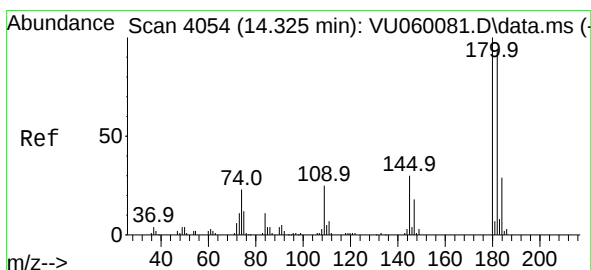
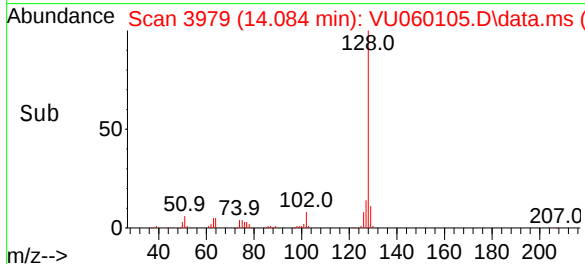
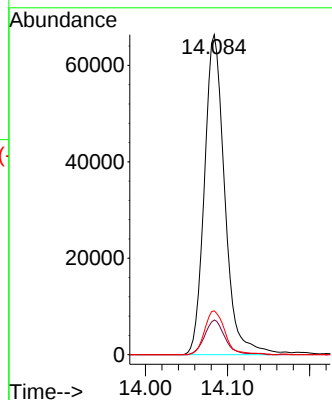
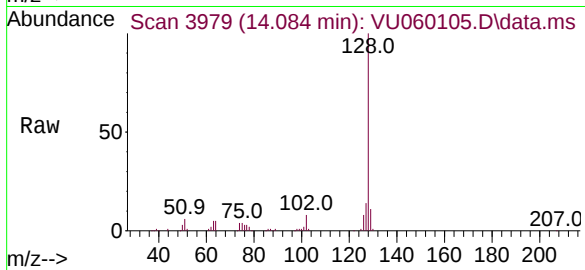
Tgt Ion:128 Resp: 114258

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.8 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.886 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060105.D

Acq: 23 Jul 2024 10:52

Tgt Ion:180 Resp: 74071

Ion Ratio Lower Upper

180 100

182 97.4 76.3 114.5

145 29.5 23.9 35.9

