

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056010.D
 Acq On : 31 Oct 2023 12:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:05:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	338586	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	332729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	170014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89027	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.914	69	86879	4.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.567	65	41547	3.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.631	46	250185	52.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.720%
24) Chloroform-d	5.058	84	232996	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.698	65	108974	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.724	84	448002	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	138784	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.894	98	395077	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.180	79	49334	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.631	63	199823	68.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.000%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105167	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	140841	4.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89016	4.613	ug/L	98
3) Chloromethane	1.518	50	76642	4.160	ug/L	97
5) Vinyl chloride	1.605	62	88741	4.373	ug/L	97
6) Bromomethane	1.859	94	55943	4.450	ug/L	98
8) Chloroethane	1.936	64	57330	4.821	ug/L	99
9) Trichlorofluoromethane	2.139	101	136553	4.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	96252	5.235	ug/L	99
12) 1,1-Dichloroethene	2.583	96	80500	4.906	ug/L #	76
13) Acetone	2.644	43	132445	48.642	ug/L	94
14) Carbon disulfide	2.795	76	188981	4.498	ug/L	100
15) Methyl Acetate	2.956	43	26194	4.722	ug/L	96
16) Methylene chloride	3.046	84	101804	5.475	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	194306	4.879	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	82262	5.056	ug/L	99
19) 1,1-Dichloroethane	3.866	63	169846	5.141	ug/L	99
21) 2-Butanone	4.714	43	189475	47.337	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	97690	4.959	ug/L	93
23) Bromochloromethane	4.972	128	41345	5.151	ug/L	97
25) Chloroform	5.084	83	179428	5.065	ug/L	100

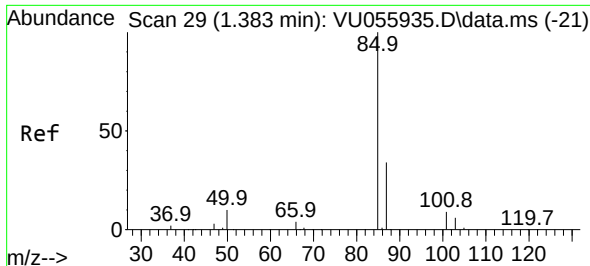
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056010.D
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Quant Time: Nov 01 01:05:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	99704	4.791	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	149635	4.934	ug/L	98
30) Cyclohexane	5.386	56	119762	4.681	ug/L	99
31) Carbon tetrachloride	5.521	117	132639	5.128	ug/L	98
33) Benzene	5.772	78	374863	5.105	ug/L	100
34) Trichloroethene	6.541	95	100022	4.870	ug/L	97
35) Methylcyclohexane	6.763	83	134554	4.854	ug/L	98
37) 1,2-Dichloropropane	6.788	63	99861	5.122	ug/L	99
38) Bromodichloromethane	7.103	83	125383	5.123	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	143360	5.162	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	445526	47.405	ug/L	97
42) Toluene	7.965	91	406739	5.300	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	115081	5.133	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	70067	5.111	ug/L	97
47) Tetrachloroethene	8.550	164	76090	5.290	ug/L	96
48) 2-Hexanone	8.682	43	342684	46.373	ug/L	98
49) Dibromochloromethane	8.807	129	79826	5.305	ug/L	98
50) 1,2-Dibromoethane	8.920	107	63596	5.113	ug/L	97
51) Chlorobenzene	9.444	112	260953	5.189	ug/L	99
52) Ethylbenzene	9.566	91	445917	5.126	ug/L	99
53) m,p-Xylene	9.692	106	171415	5.273	ug/L	97
54) o-Xylene	10.097	106	161292	5.070	ug/L	98
55) Styrene	10.113	104	279063	5.473	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	83353	5.253	ug/L	99
59) Bromoform	10.290	173	45974	5.316	ug/L	97
60) Isopropylbenzene	10.483	105	447903	5.287	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	57074	4.890	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	356819	5.154	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	358022	5.566	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	214766	5.348	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	213964	5.338	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	195548	5.303	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11957	5.741	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	162790	5.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	130383	6.428	ug/L	99
71) Naphthalene	14.084	128	174864	5.953	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106320	6.079	ug/L	95

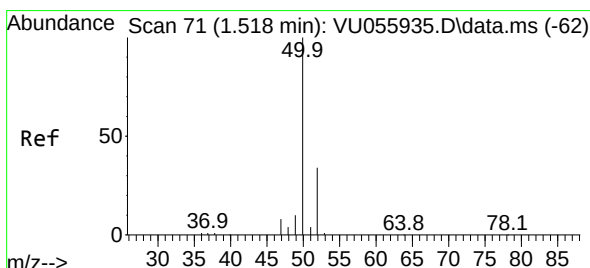
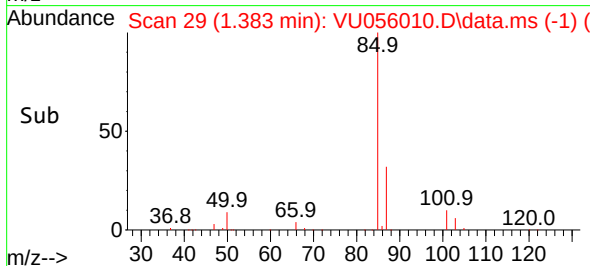
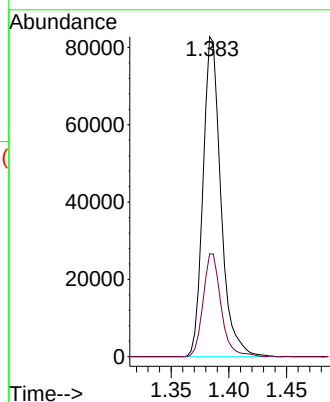
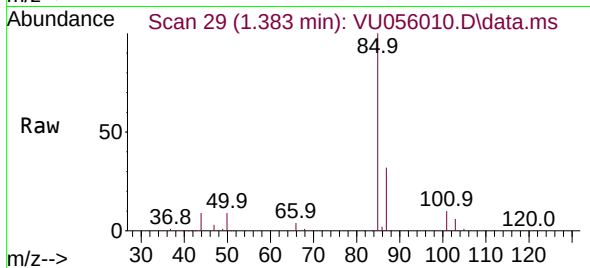
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.613 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

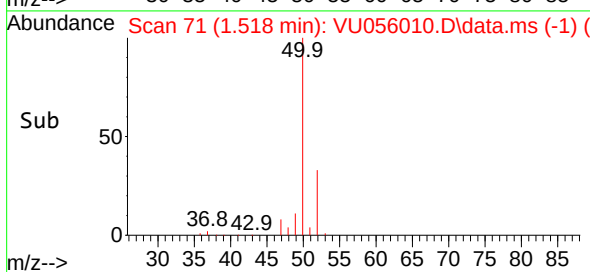
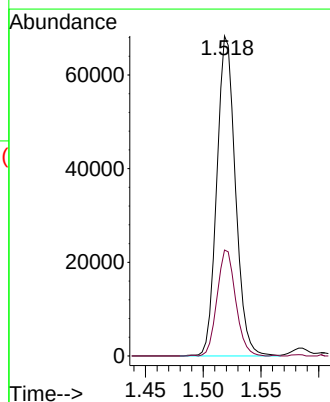
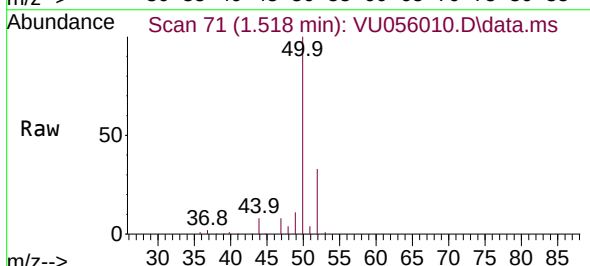
Instrument :
 MSVOA_U
 ClientSampleId :

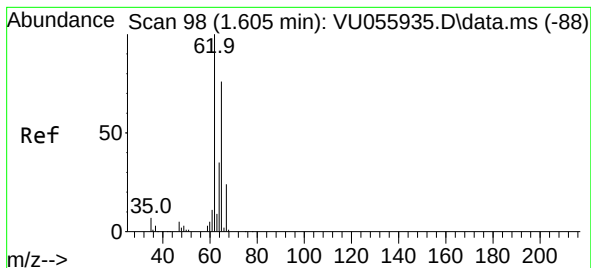
Tgt Ion: 85 Resp: 89016
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.4



#3
 Chloromethane
 Concen: 4.160 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

Tgt Ion: 50 Resp: 76642
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 40.8





#5

Vinyl chloride

Concen: 4.373 ug/L

RT: 1.605 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

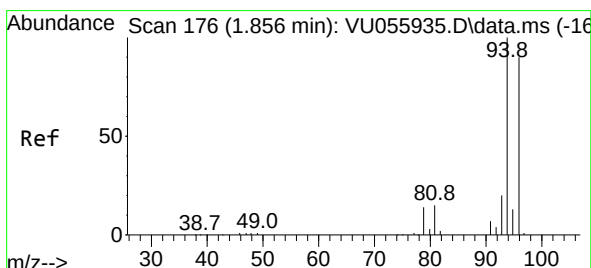
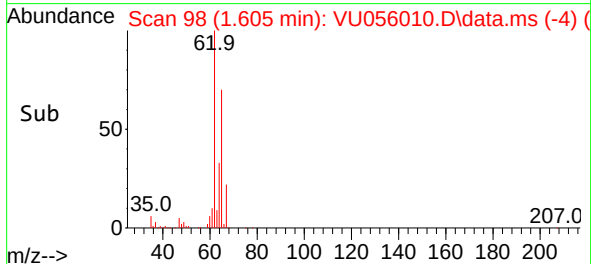
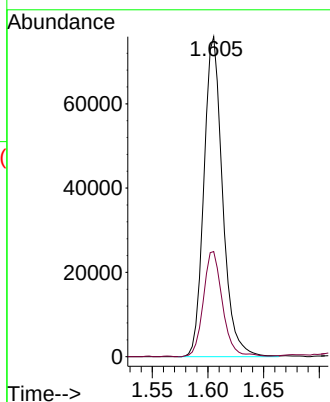
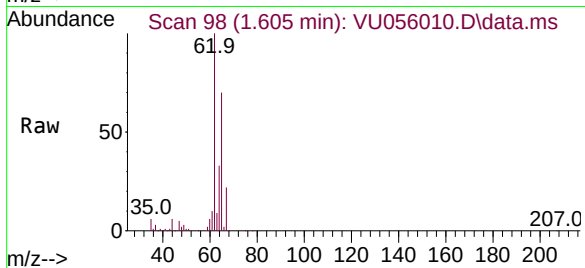
ClientSampleId :

Tgt Ion: 62 Resp: 88741

Ion Ratio Lower Upper

62 100

64 32.8 24.2 45.0



#6

Bromomethane

Concen: 4.450 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.003 min

Lab File: VU056010.D

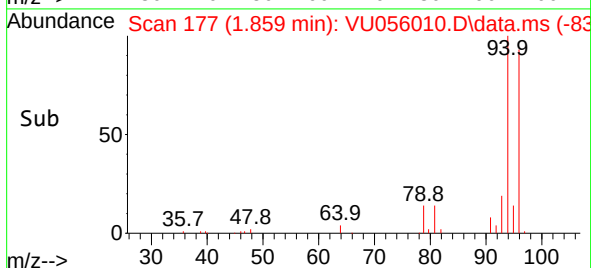
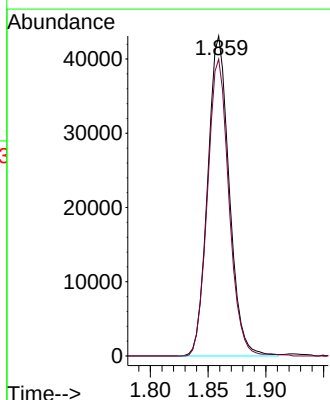
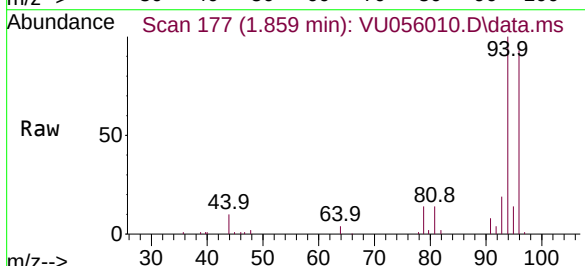
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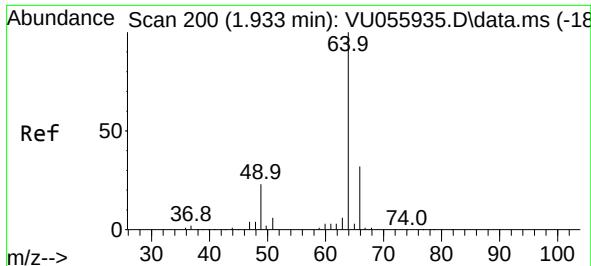
Tgt Ion: 94 Resp: 55943

Ion Ratio Lower Upper

94 100

96 92.7 65.9 122.5





#8

Chloroethane

Concen: 4.821 ug/L

RT: 1.936 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

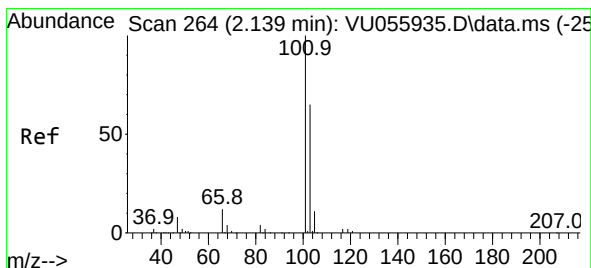
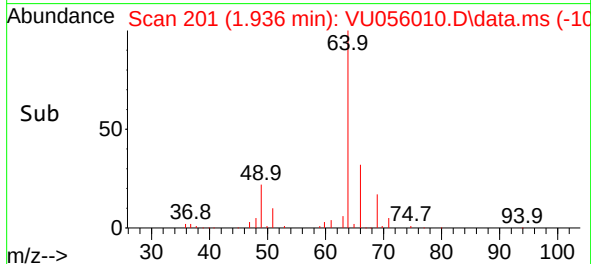
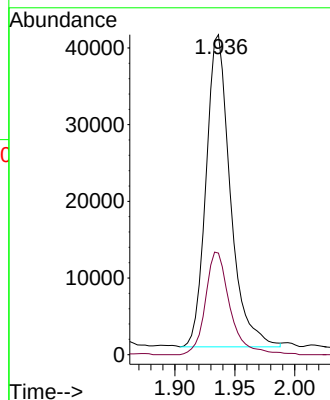
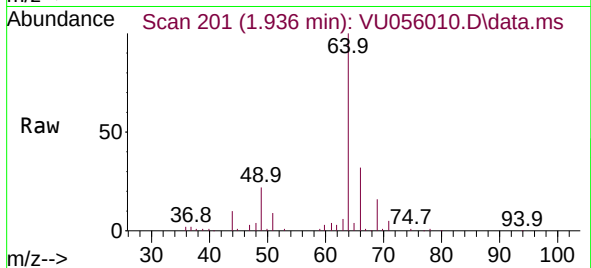
ClientSampleId :

Tgt Ion: 64 Resp: 57330

Ion Ratio Lower Upper

64 100

66 31.7 22.7 42.1



#9

Trichlorofluoromethane

Concen: 4.878 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.000 min

Lab File: VU056010.D

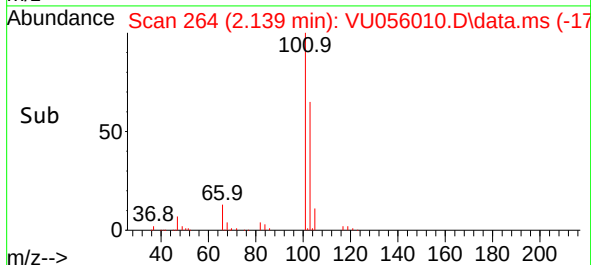
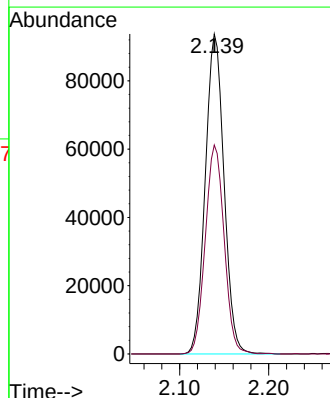
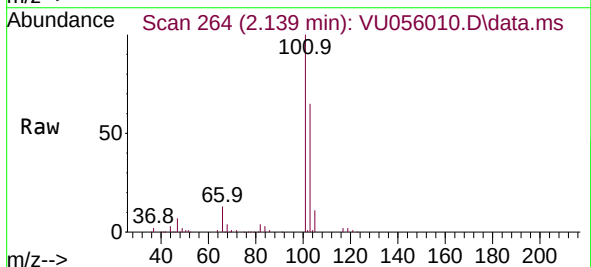
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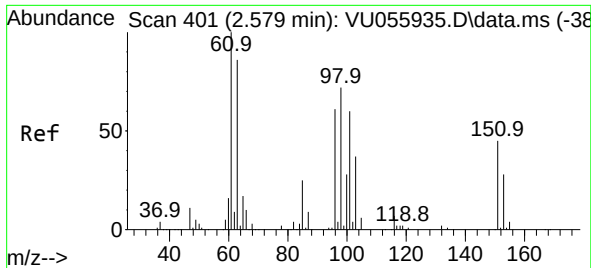
Tgt Ion:101 Resp: 136553

Ion Ratio Lower Upper

101 100

103 65.7 52.2 78.2

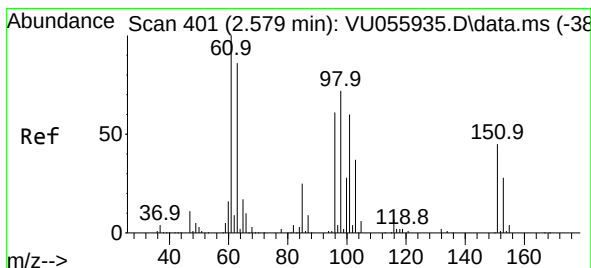
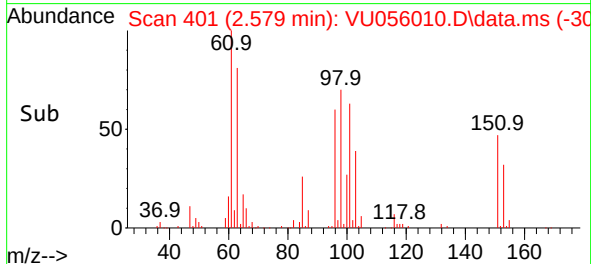
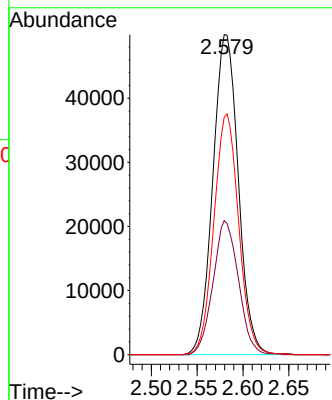
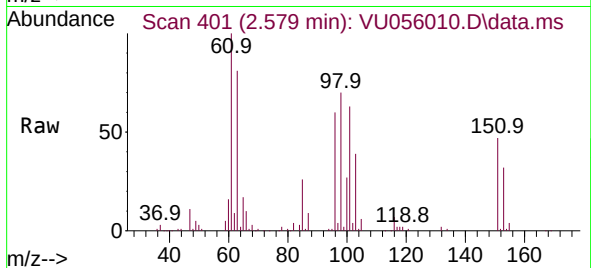




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.235 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

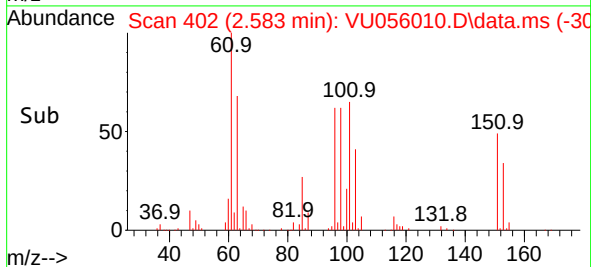
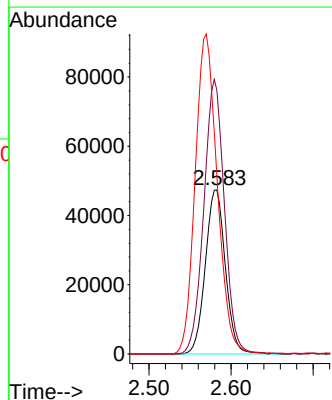
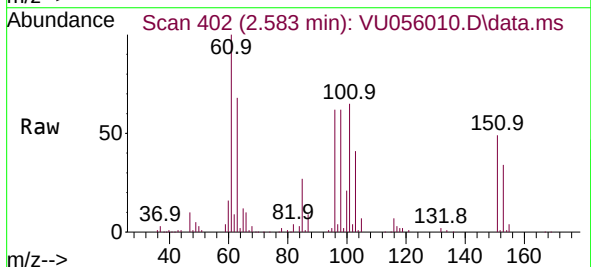
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 ClientSampleId :

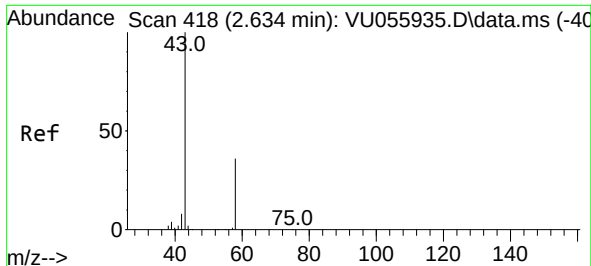
Tgt Ion:101 Resp: 96252
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.4 51.6
 151 73.5 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.906 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.003 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

Tgt Ion: 96 Resp: 80500
 Ion Ratio Lower Upper
 96 100
 61 160.9 123.8 230.0
 63 109.0 111.0 206.2#





#13

Acetone

Concen: 48.642 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

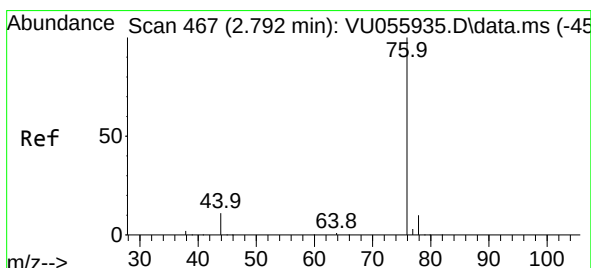
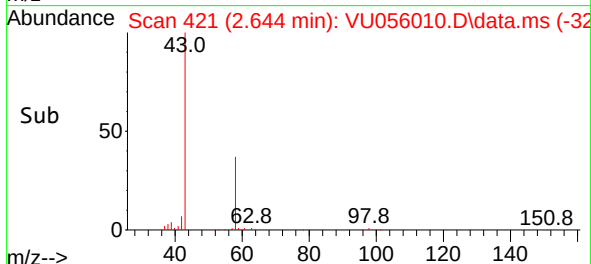
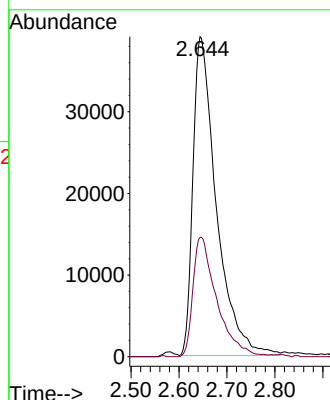
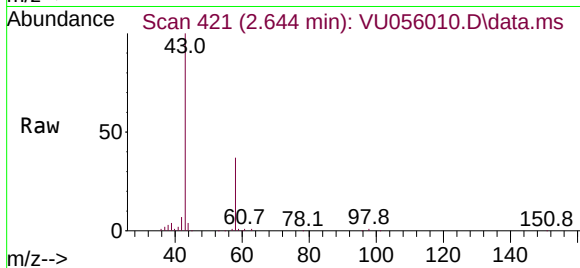
ClientSampleId :

Tgt Ion: 43 Resp: 132445

Ion Ratio Lower Upper

43 100

58 38.1 0.0 69.0



#14

Carbon disulfide

Concen: 4.498 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU056010.D

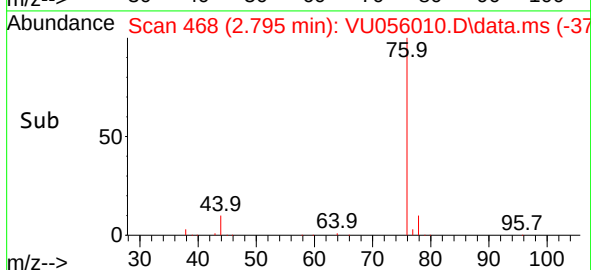
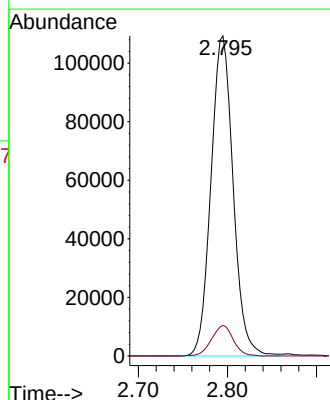
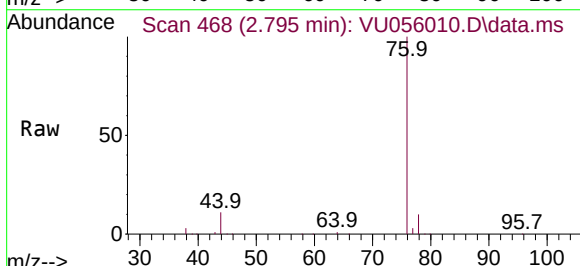
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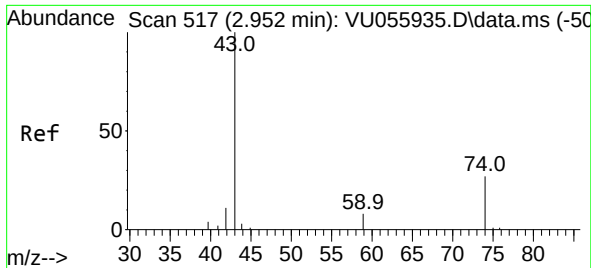
Tgt Ion: 76 Resp: 188981

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

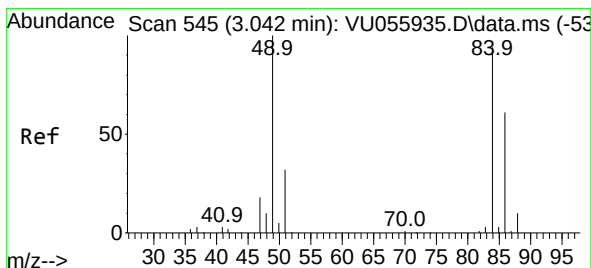
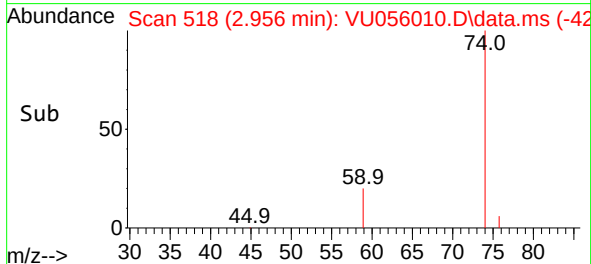
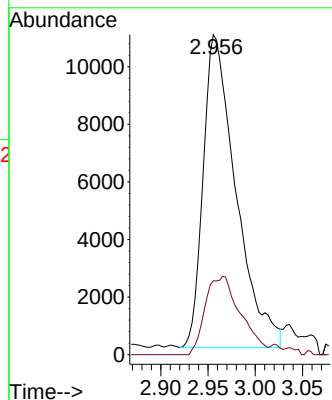
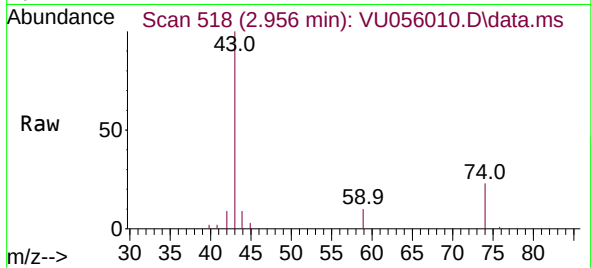




#15
Methyl Acetate
Concen: 4.722 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

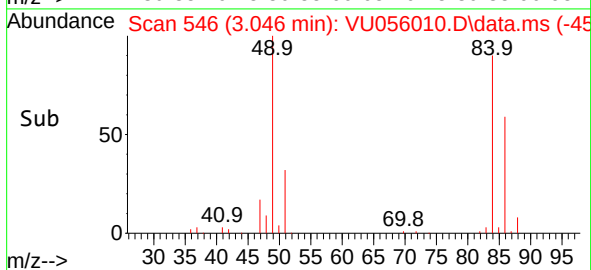
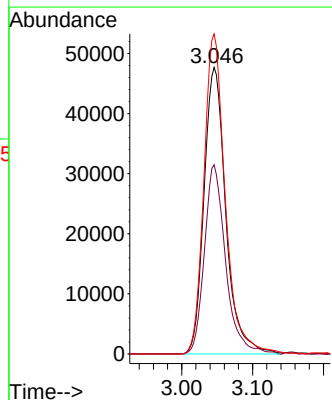
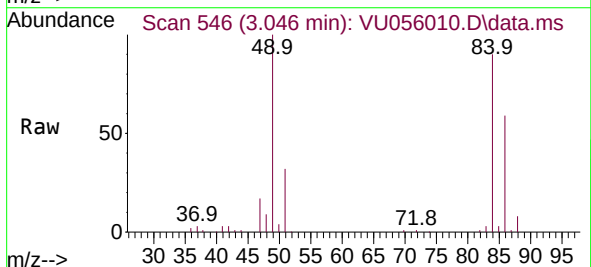
Instrument :
MSVOA_U
ClientSampleId :

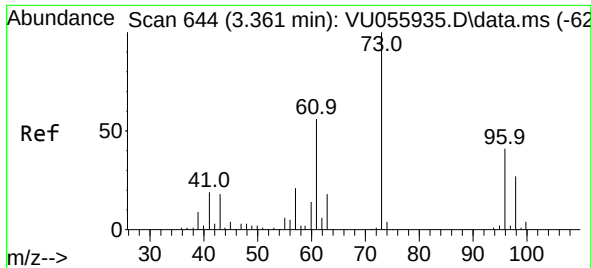
Tgt Ion: 43 Resp: 26194
Ion Ratio Lower Upper
43 100
74 27.1 19.9 29.9



#16
Methylene chloride
Concen: 5.475 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 84 Resp: 101804
Ion Ratio Lower Upper
84 100
86 66.0 45.2 84.0
49 111.7 78.8 146.3

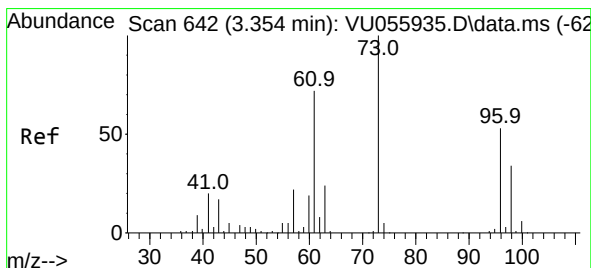
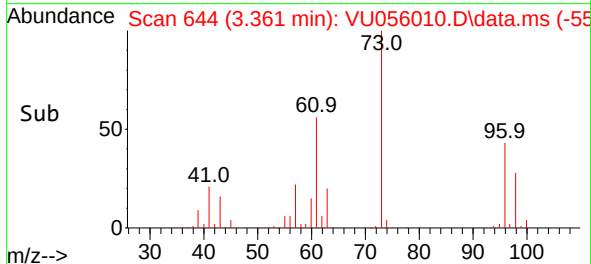
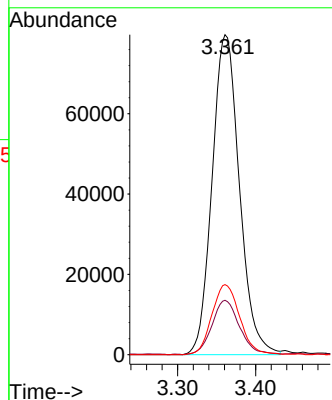
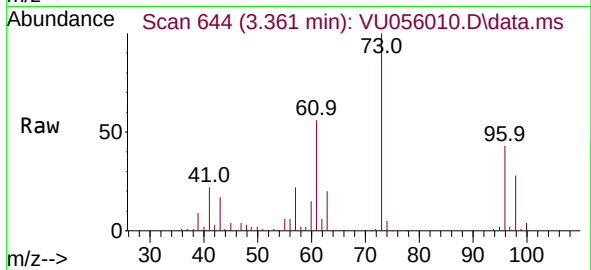




#17
Methyl tert-butyl Ether
Concen: 4.879 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

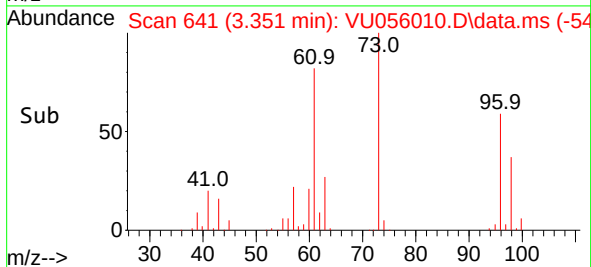
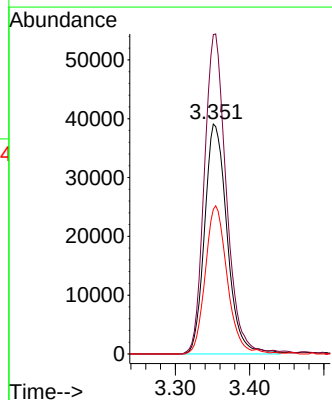
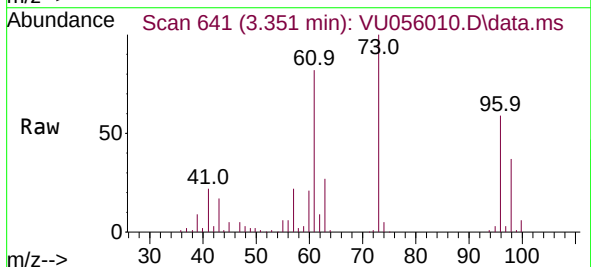
Instrument :
MSVOA_U
ClientSampleId :

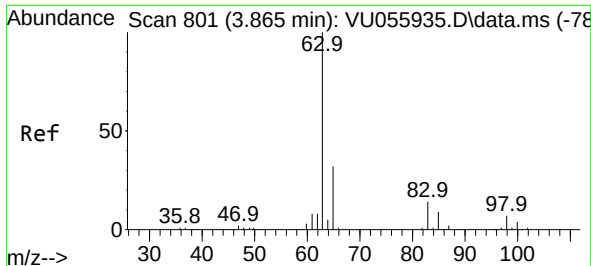
Tgt Ion: 73 Resp: 194306
Ion Ratio Lower Upper
73 100
43 17.3 14.4 21.6
57 22.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.056 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 96 Resp: 82262
Ion Ratio Lower Upper
96 100
61 138.9 97.5 181.1
98 62.9 42.7 79.3





#19

1,1-Dichloroethane

Concen: 5.141 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

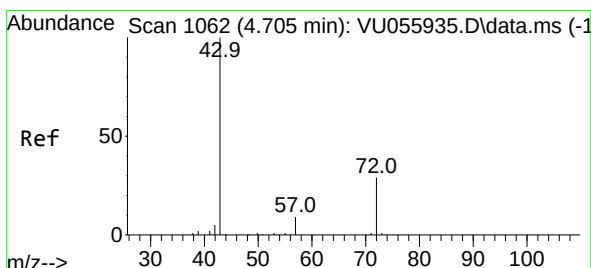
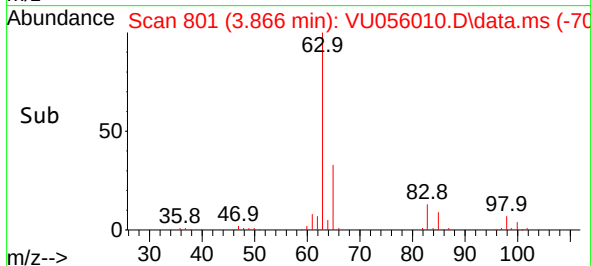
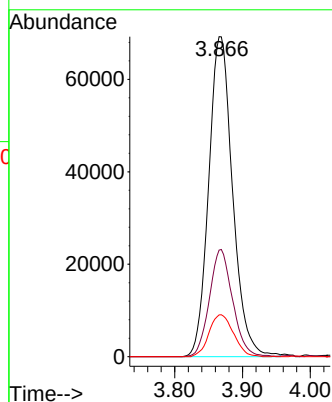
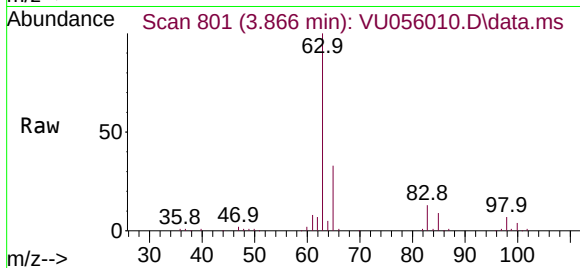
Tgt Ion: 63 Resp: 169846

Ion Ratio Lower Upper

63 100

65 33.3 23.3 43.3

83 13.1 10.5 19.5



#21

2-Butanone

Concen: 47.337 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.010 min

Lab File: VU056010.D

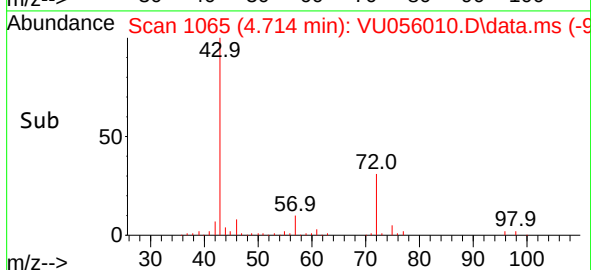
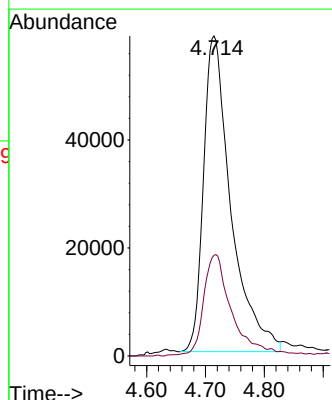
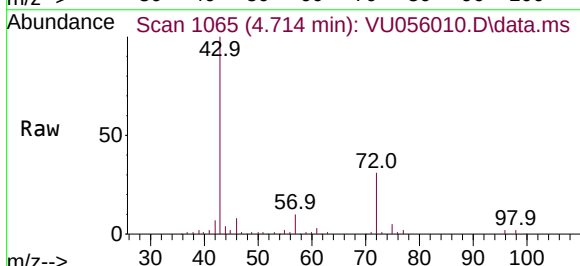
Acq: 31 Oct 2023 12:38

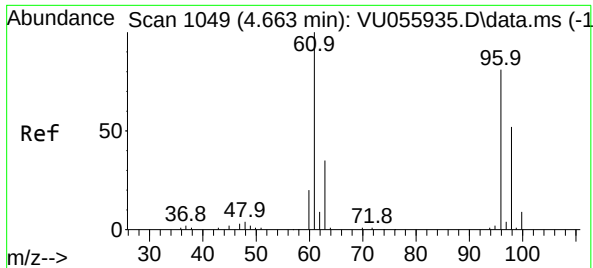
Tgt Ion: 43 Resp: 189475

Ion Ratio Lower Upper

43 100

72 32.1 14.4 43.4

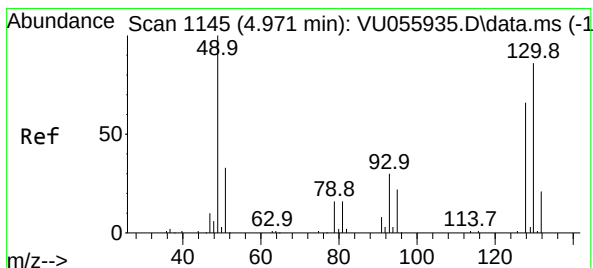
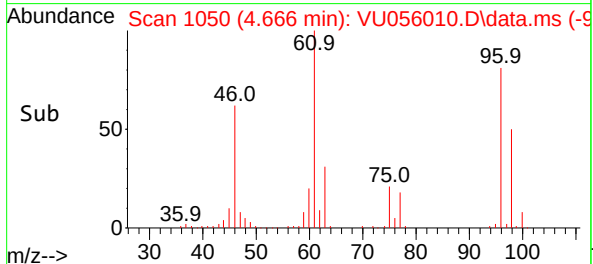
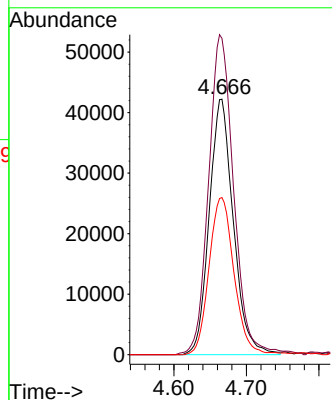
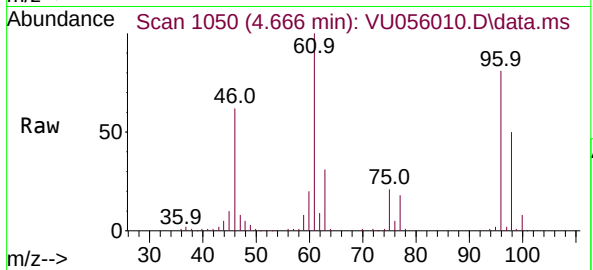




#22
 cis-1,2-Dichloroethene
 Concen: 4.959 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

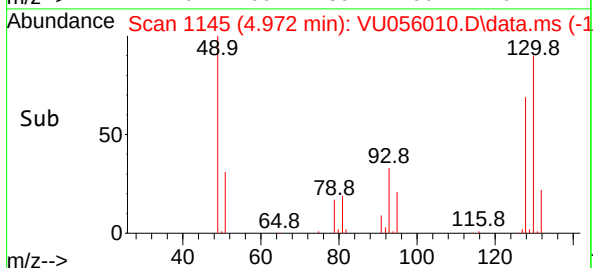
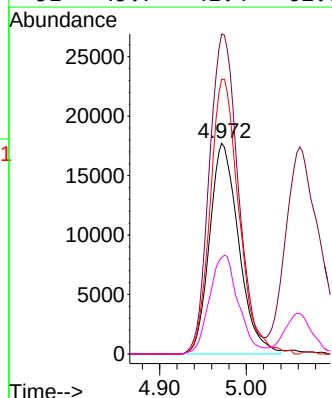
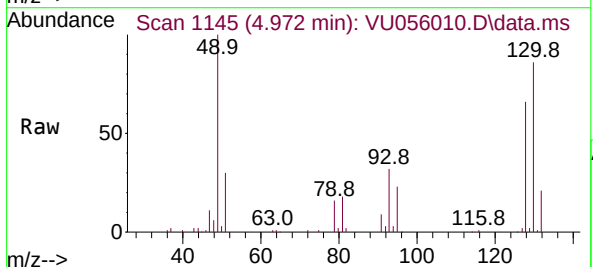
Instrument :
 MSVOA_U
 ClientSampleId :

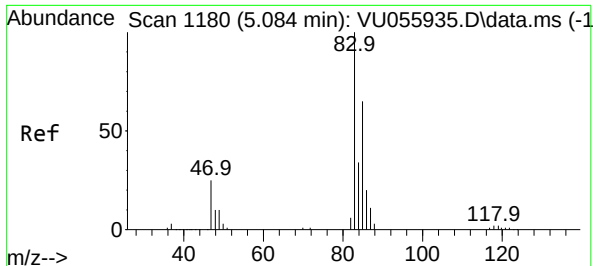
Tgt Ion: 96 Resp: 97690
 Ion Ratio Lower Upper
 96 100
 61 123.8 93.8 174.2
 98 61.5 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.151 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

Tgt Ion: 128 Resp: 41345
 Ion Ratio Lower Upper
 128 100
 49 151.8 108.7 201.9
 130 130.2 91.5 169.9
 51 45.7 41.4 62.0





#25

Chloroform

Concen: 5.065 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

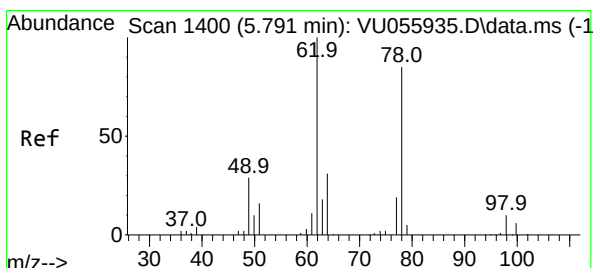
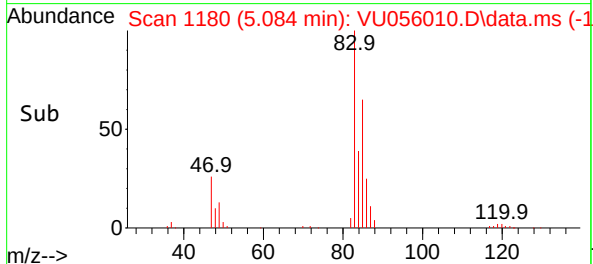
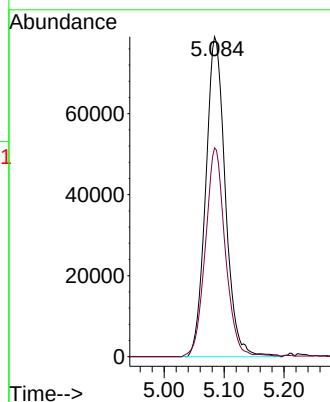
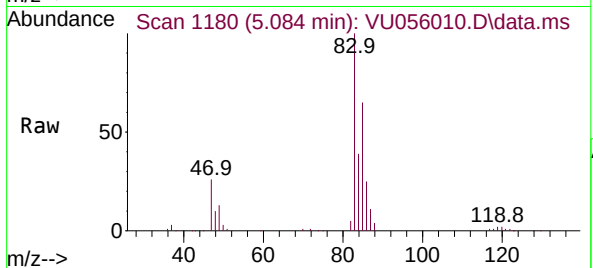
ClientSampleId :

Tgt Ion: 83 Resp: 179428

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.791 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU056010.D

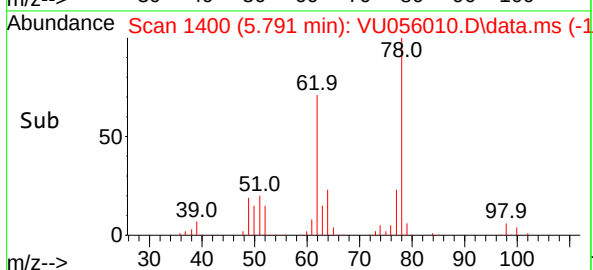
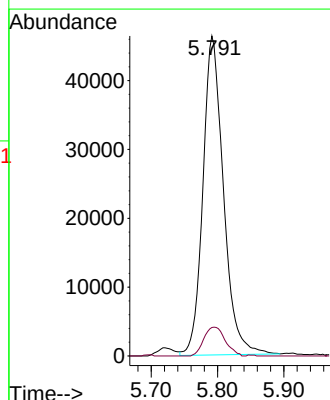
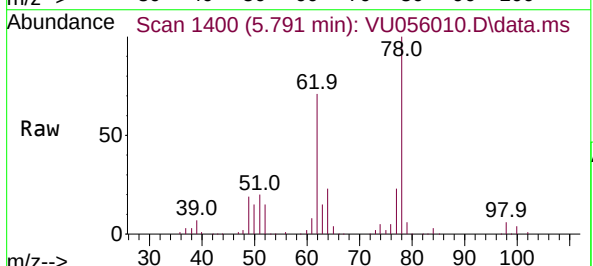
Acq: 31 Oct 2023 12:38

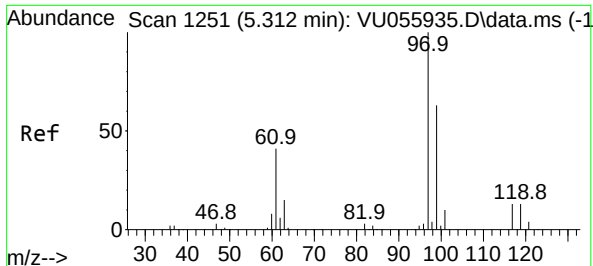
Tgt Ion: 62 Resp: 99704

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.934 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

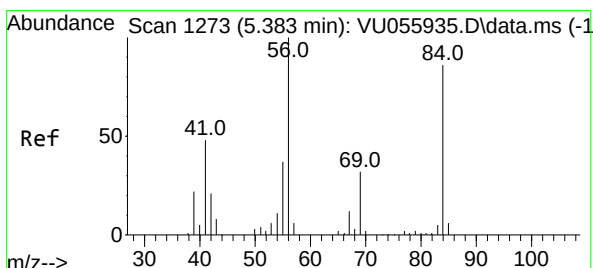
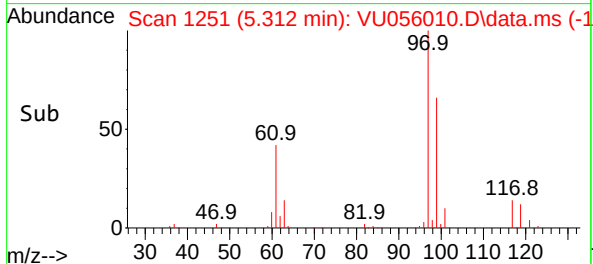
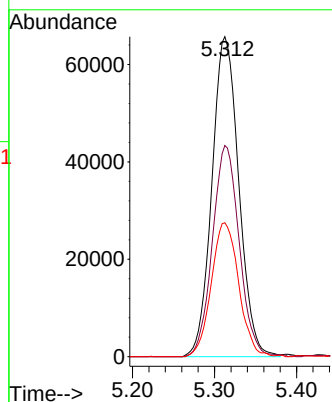
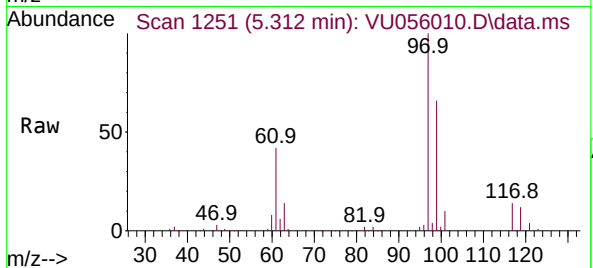
Tgt Ion: 97 Resp: 149635

Ion Ratio Lower Upper

97 100

99 65.9 50.8 76.2

61 42.8 35.0 52.4



#30

Cyclohexane

Concen: 4.681 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

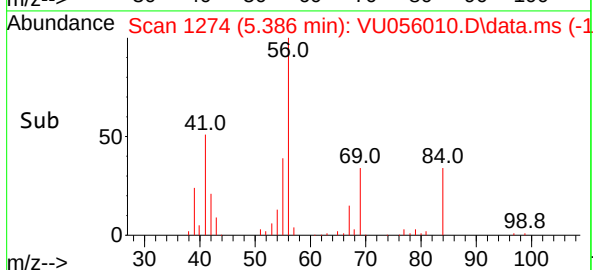
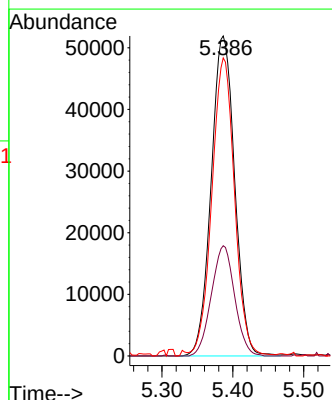
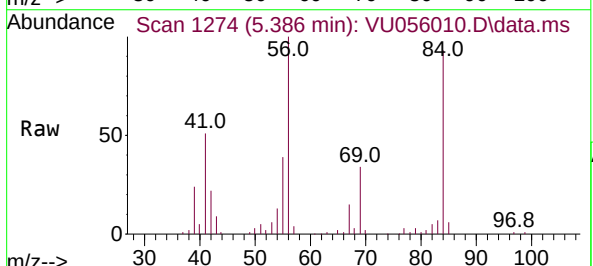
Tgt Ion: 56 Resp: 119762

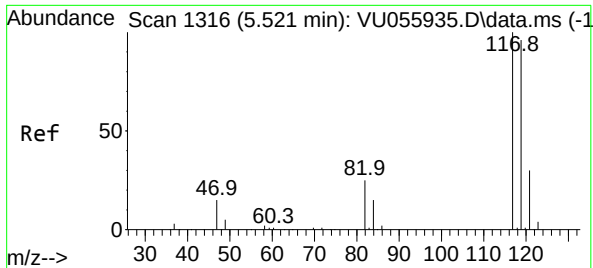
Ion Ratio Lower Upper

56 100

69 34.0 25.4 38.2

84 88.4 71.0 106.6

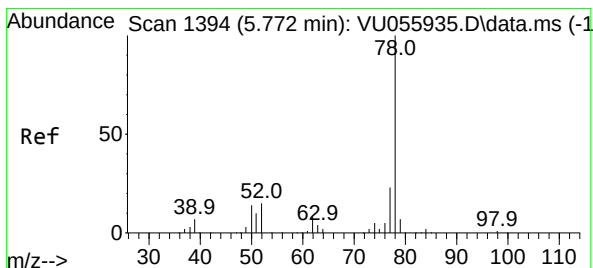
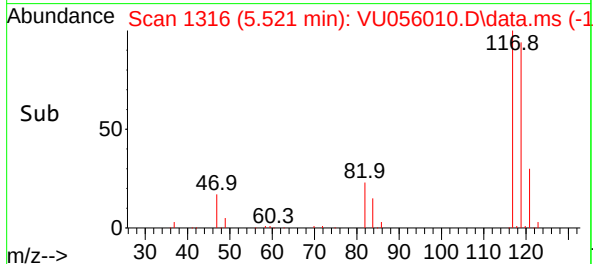
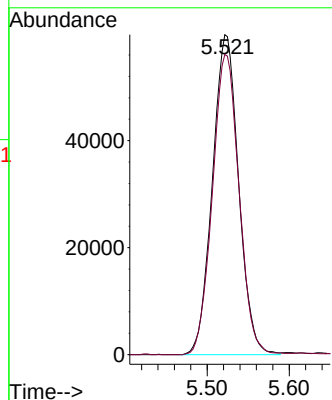
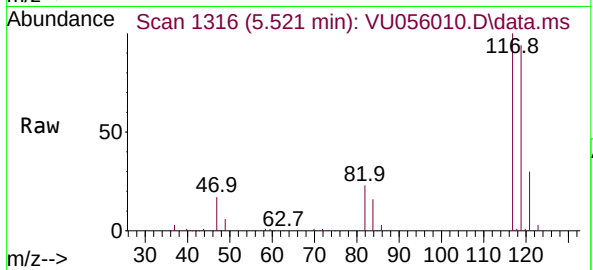




#31
Carbon tetrachloride
Concen: 5.128 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

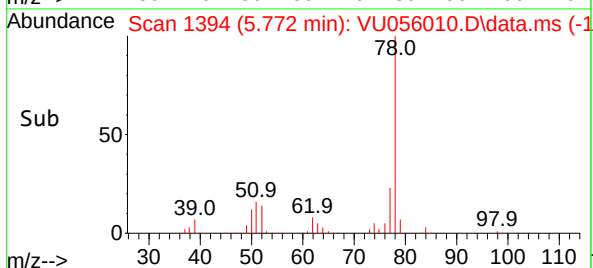
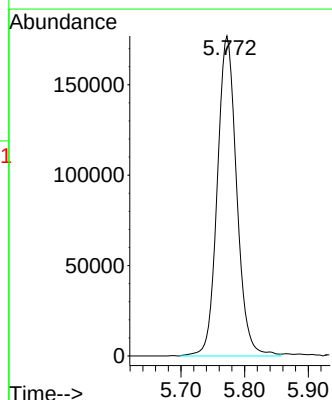
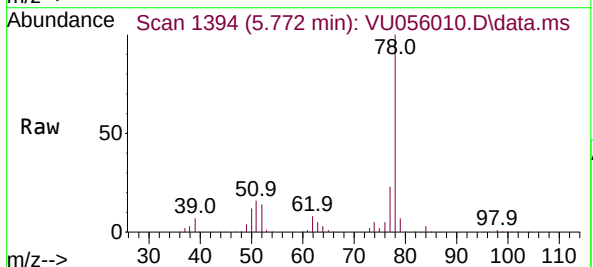
Instrument :
MSVOA_U
ClientSampleId :

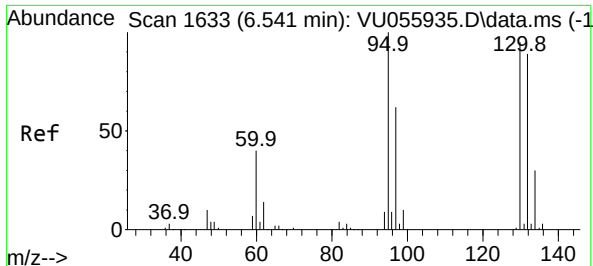
Tgt Ion:117 Resp: 132639
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7



#33
Benzene
Concen: 5.105 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 78 Resp: 374863

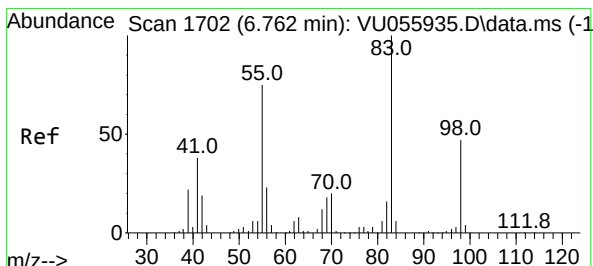
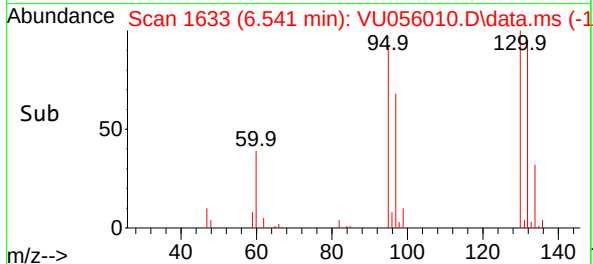
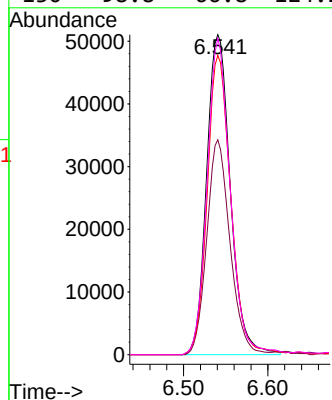
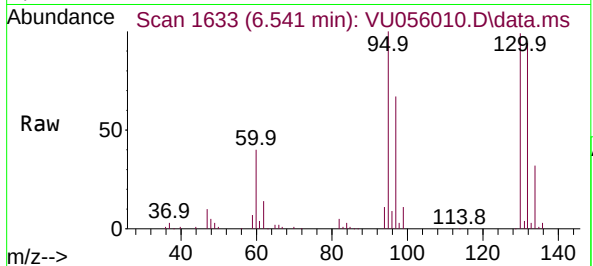




#34
Trichloroethene
Concen: 4.870 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

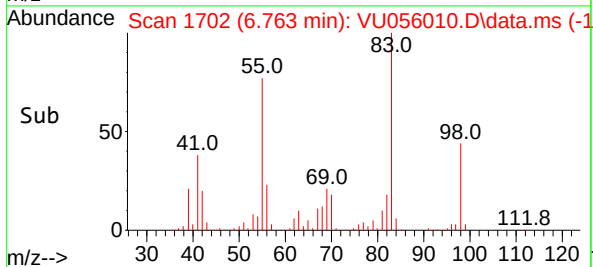
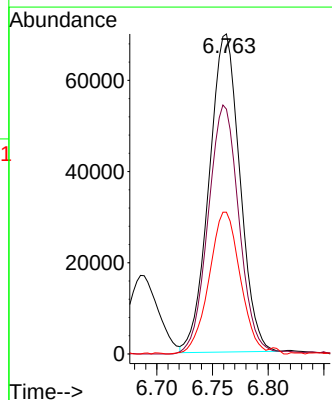
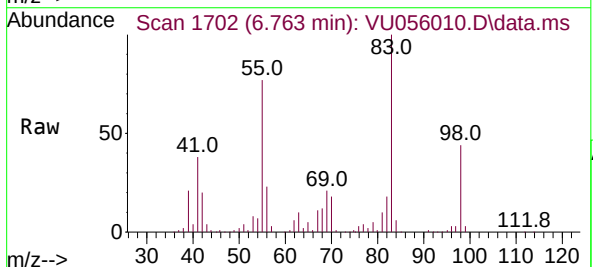
Instrument :
MSVOA_U
ClientSampleId :

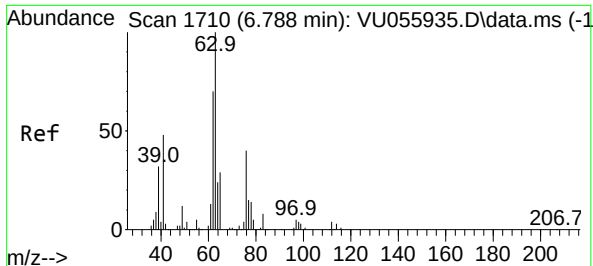
Tgt Ion: 95 Resp: 100022
Ion Ratio Lower Upper
95 100
97 67.2 45.4 84.2
132 93.5 63.9 118.7
130 98.8 66.8 124.2



#35
Methylcyclohexane
Concen: 4.854 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 83 Resp: 134554
Ion Ratio Lower Upper
83 100
55 78.7 62.4 93.6
98 44.9 37.4 56.2

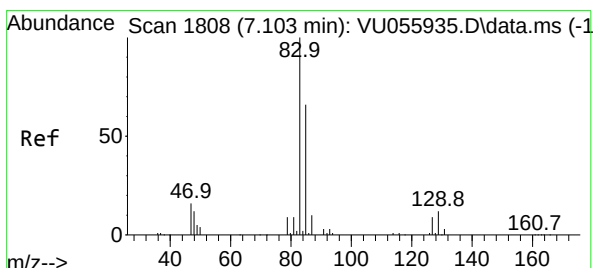
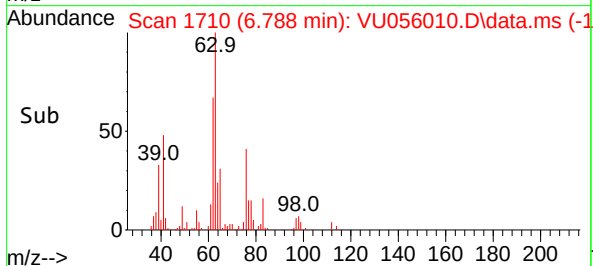
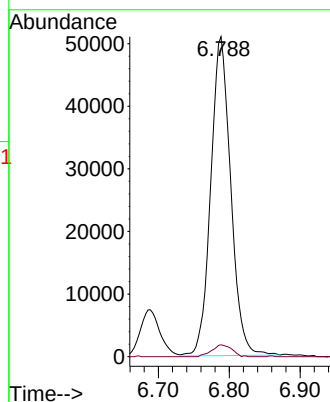
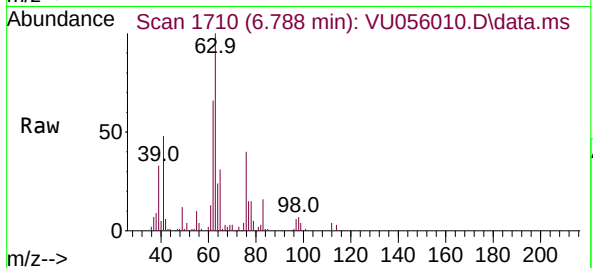




#37
1,2-Dichloropropane
Concen: 5.122 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

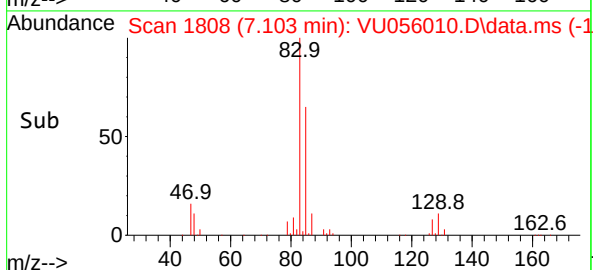
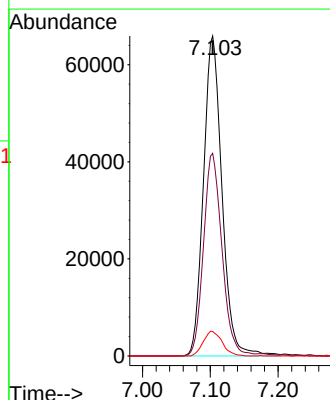
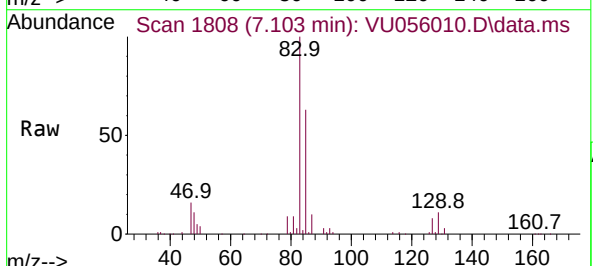
Instrument :
MSVOA_U
ClientSampleId :

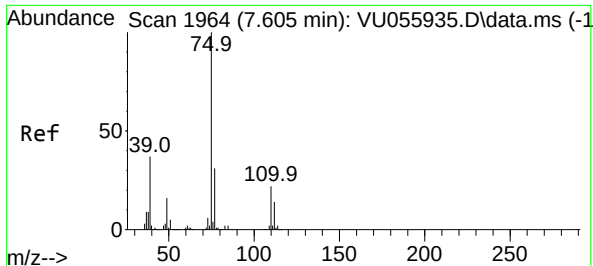
Tgt Ion: 63 Resp: 99861
Ion Ratio Lower Upper
63 100
112 3.7 3.1 4.7



#38
Bromodichloromethane
Concen: 5.123 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 83 Resp: 125383
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.3
127 7.7 6.6 9.8

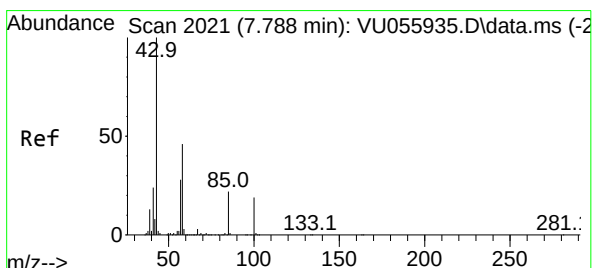
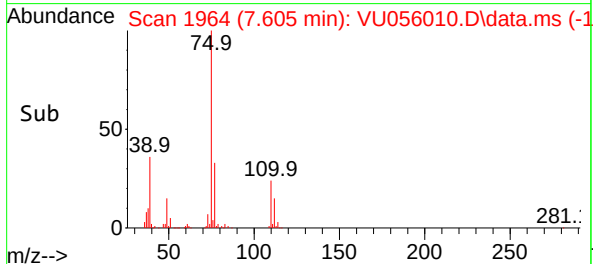
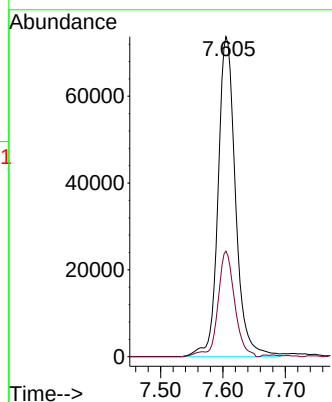
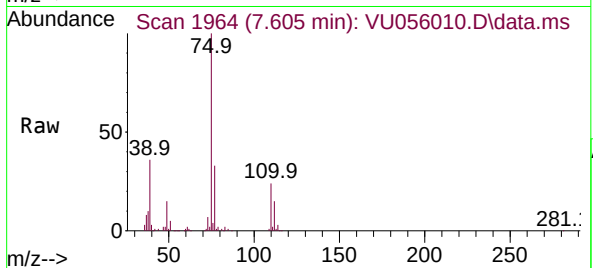




#39
 cis-1,3-Dichloropropene
 Concen: 5.162 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

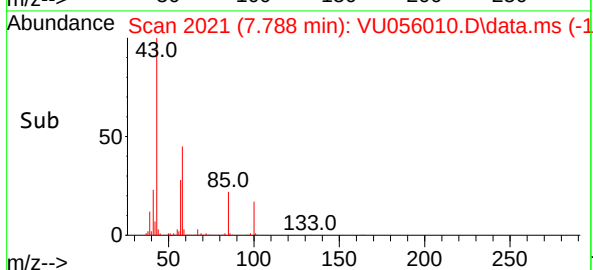
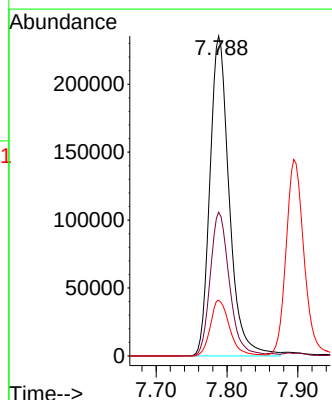
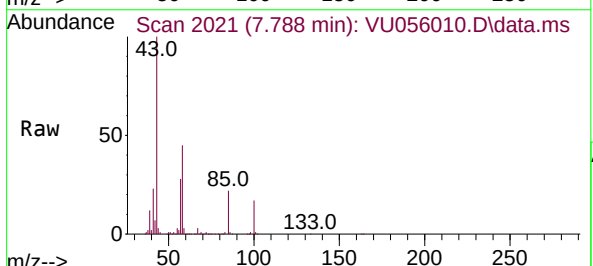
Instrument :
 MSVOA_U
 ClientSampleId :

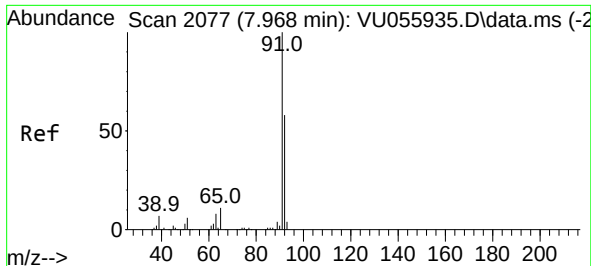
Tgt Ion: 75 Resp: 143360
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 47.405 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: VU056010.D
 Acq: 31 Oct 2023 12:38

Tgt Ion: 43 Resp: 445526
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 17.4 13.0 19.6





#42

Toluene

Concen: 5.300 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

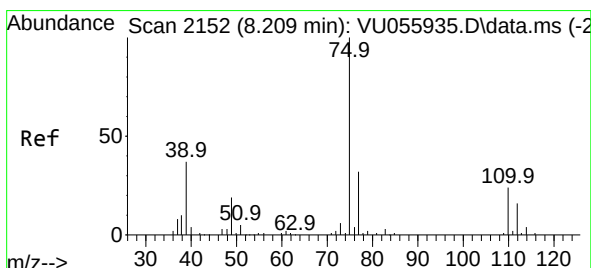
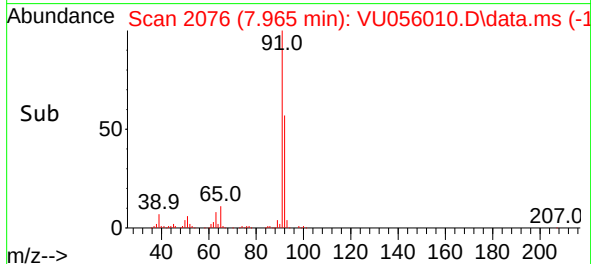
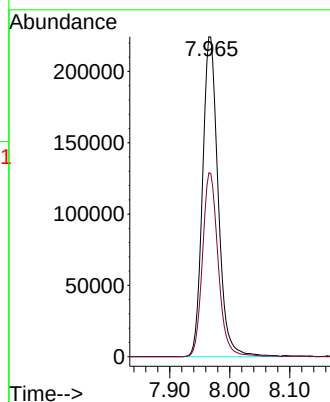
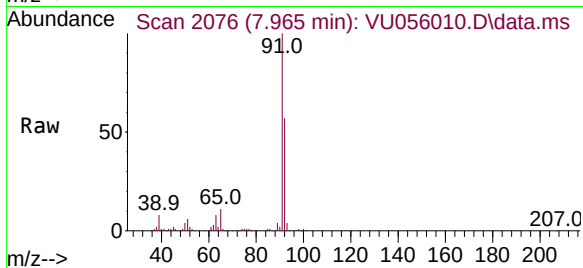
ClientSampleId :

Tgt Ion: 91 Resp: 406739

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.133 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU056010.D

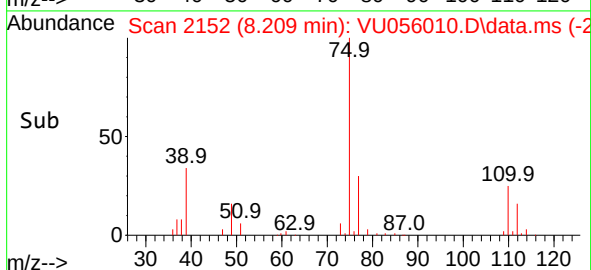
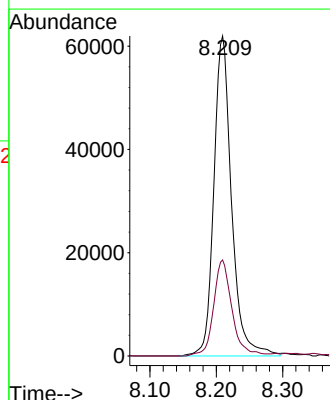
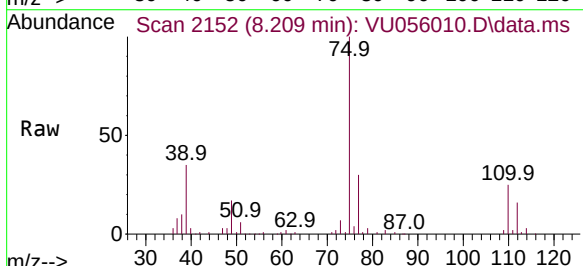
Acq: 31 Oct 2023 12:38

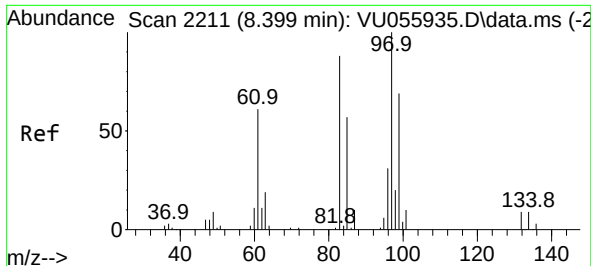
Tgt Ion: 75 Resp: 115081

Ion Ratio Lower Upper

75 100

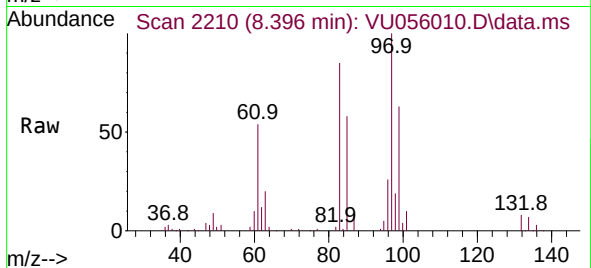
77 30.0 21.7 40.3



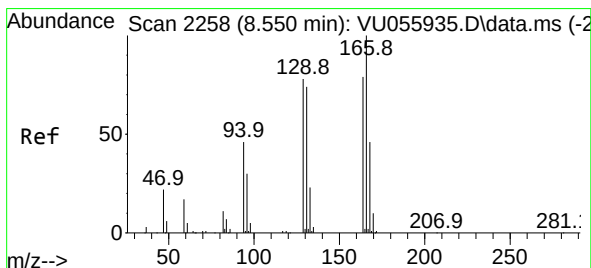
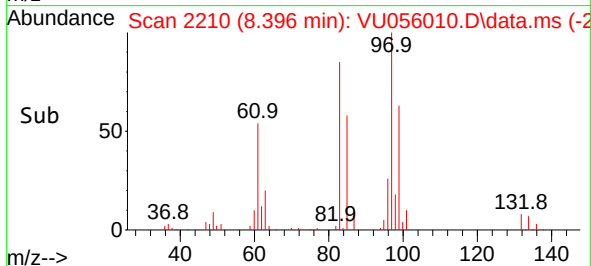
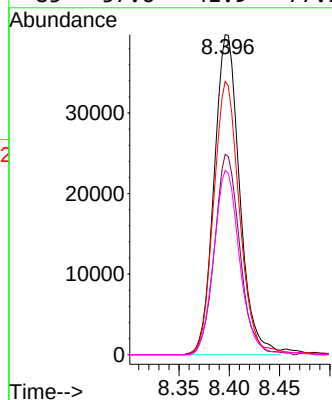


#45
1,1,2-Trichloroethane
Concen: 5.111 ug/L
RT: 8.396 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Instrument :
MSVOA_U
ClientSampleId :

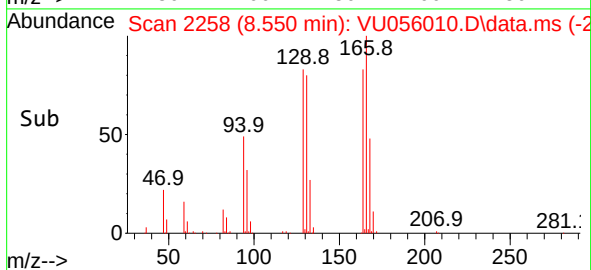
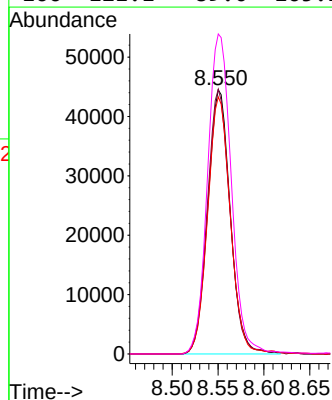
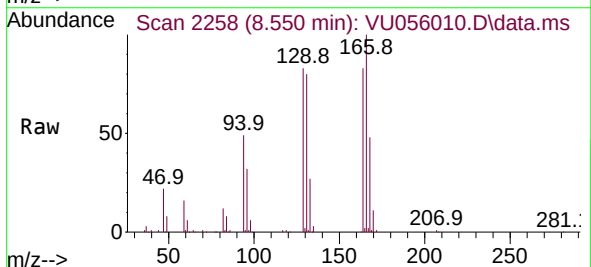


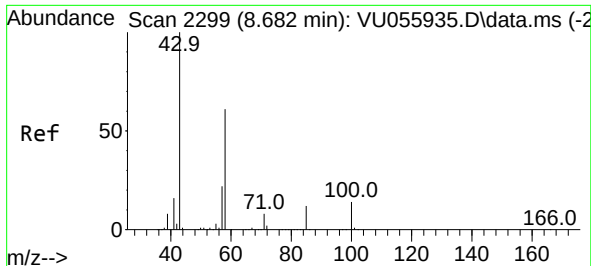
Tgt Ion:	97	Resp:	70067
Ion	Ratio	Lower	Upper
97	100		
99	62.6	45.3	84.1
83	85.4	61.9	115.1
85	57.6	41.9	77.9



#47
Tetrachloroethene
Concen: 5.290 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion:	164	Resp:	76090
Ion	Ratio	Lower	Upper
164	100		
129	100.2	72.2	134.0
131	97.3	70.8	131.6
166	121.1	89.0	165.2

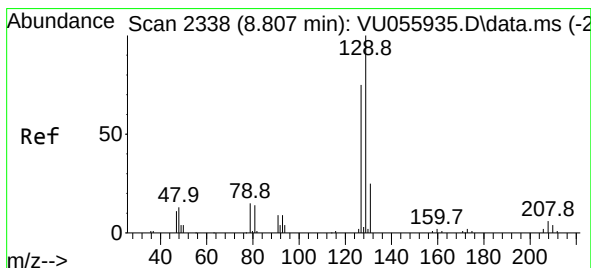
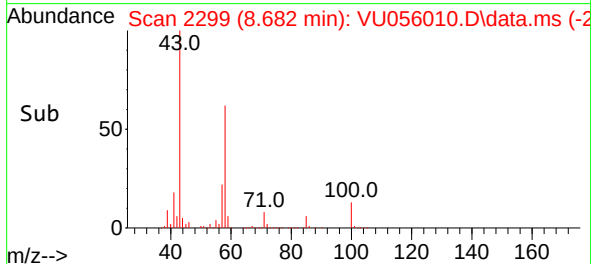
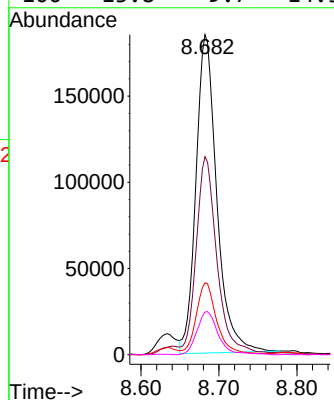
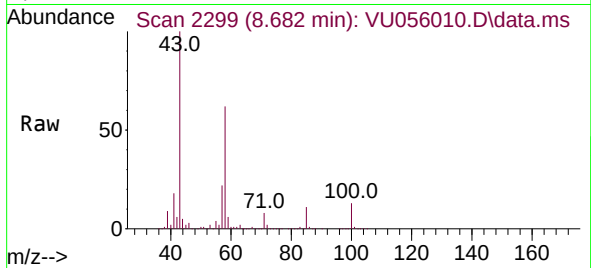




#48
2-Hexanone
Concen: 46.373 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

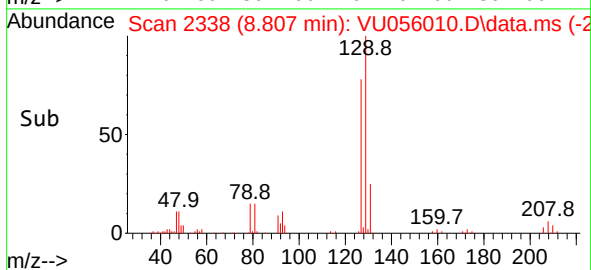
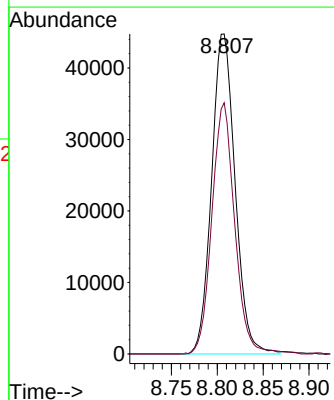
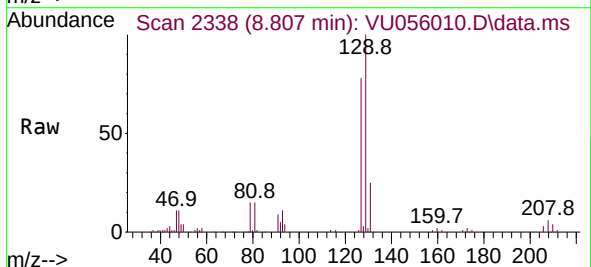
Instrument :
MSVOA_U
ClientSampleId :

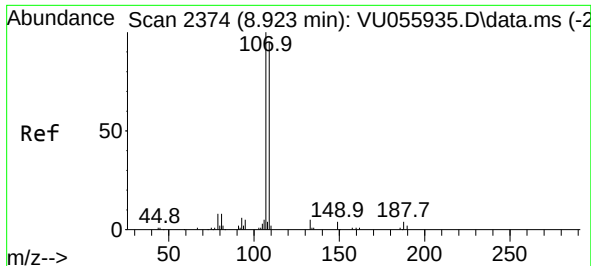
Tgt Ion: 43 Resp: 342684
Ion Ratio Lower Upper
43 100
58 62.7 49.5 74.3
57 22.7 16.9 25.3
100 13.8 9.7 14.5



#49
Dibromochloromethane
Concen: 5.305 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 129 Resp: 79826
Ion Ratio Lower Upper
129 100
127 78.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.113 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

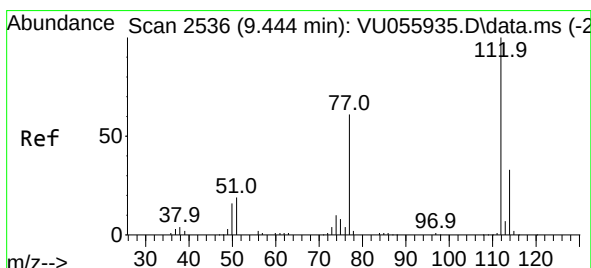
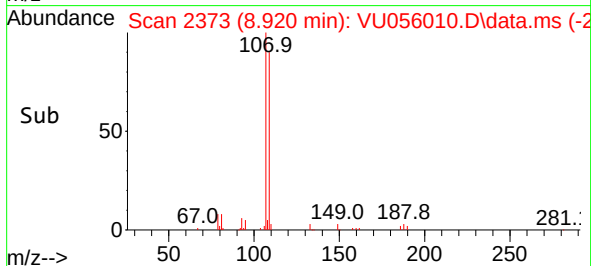
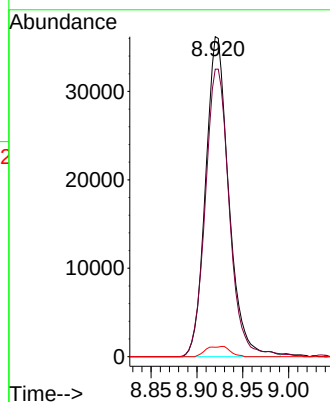
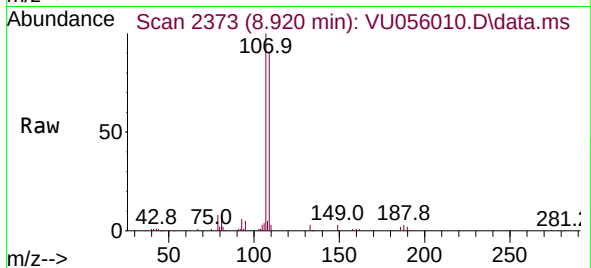
Tgt Ion:107 Resp: 63596

Ion Ratio Lower Upper

107 100

109 89.9 65.0 120.6

188 2.9 2.5 3.7



#51

Chlorobenzene

Concen: 5.189 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

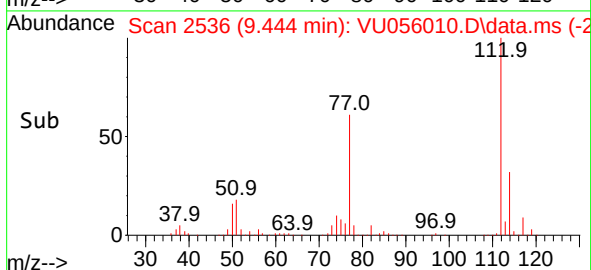
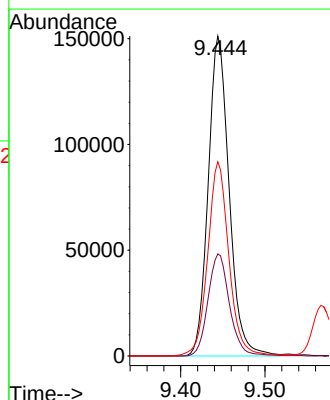
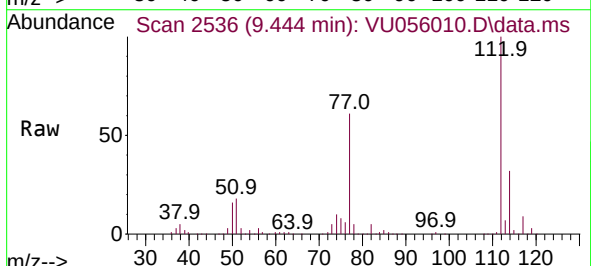
Tgt Ion:112 Resp: 260953

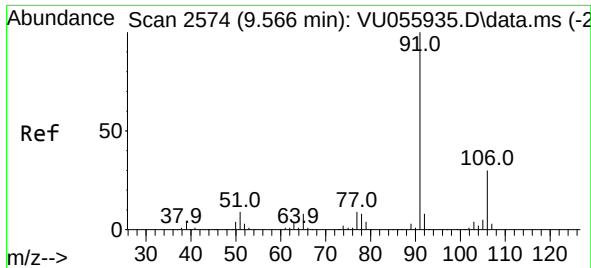
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 60.7 49.9 74.9

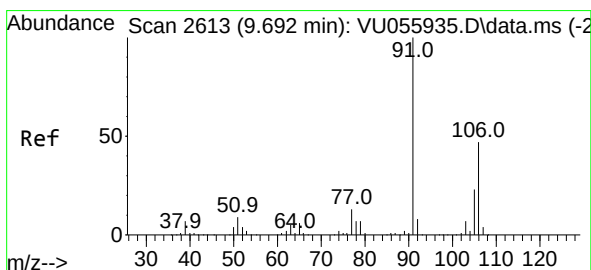
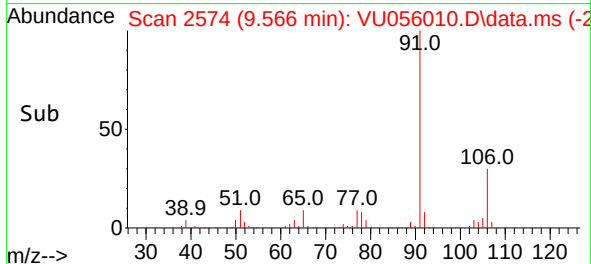
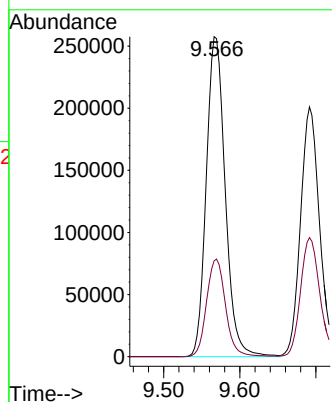
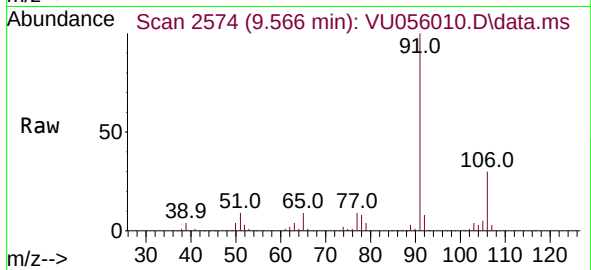




#52
Ethylbenzene
Concen: 5.126 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

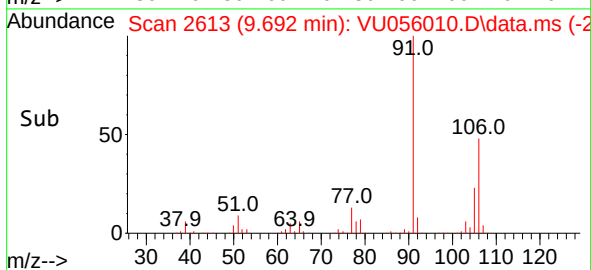
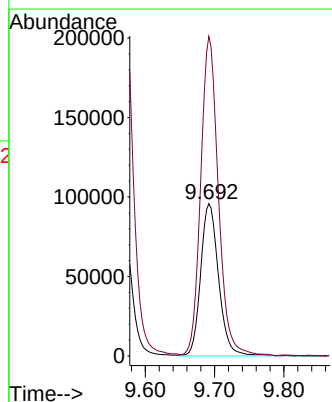
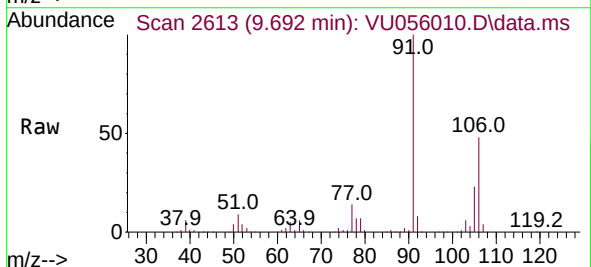
Instrument :
MSVOA_U
ClientSampleId :

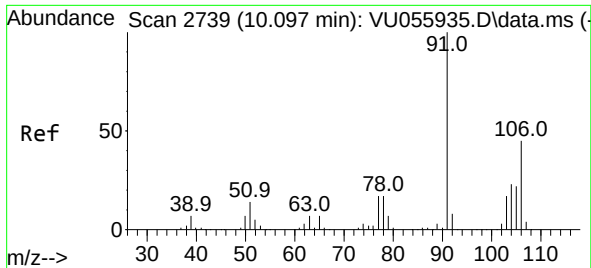
Tgt Ion: 91 Resp: 445917
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 5.273 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 106 Resp: 171415
Ion Ratio Lower Upper
106 100
91 209.8 150.4 279.2

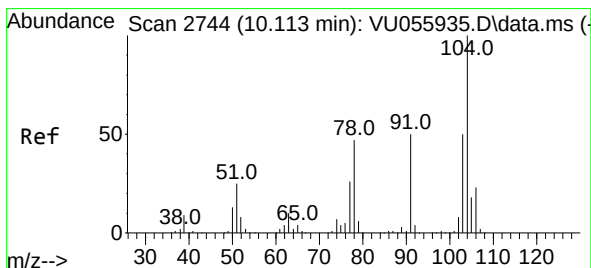
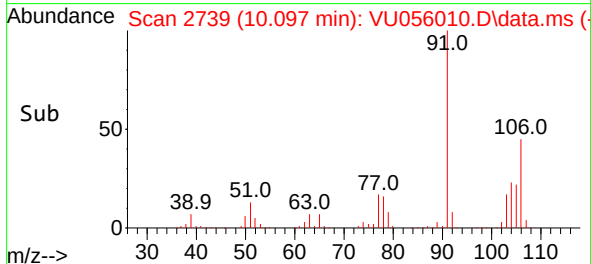
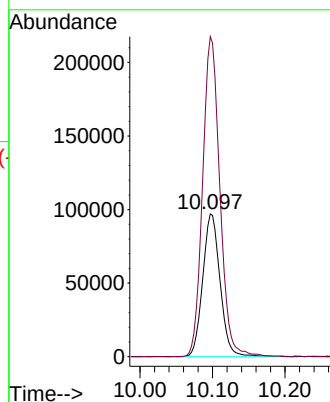
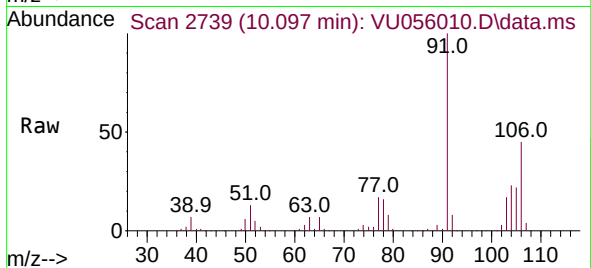




#54
o-Xylene
Concen: 5.070 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

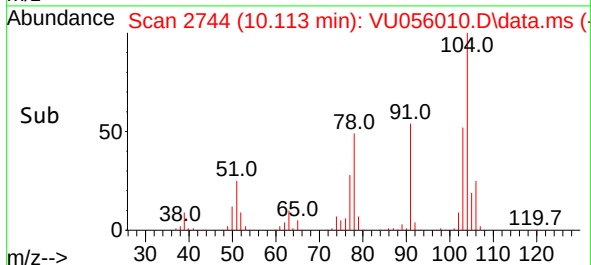
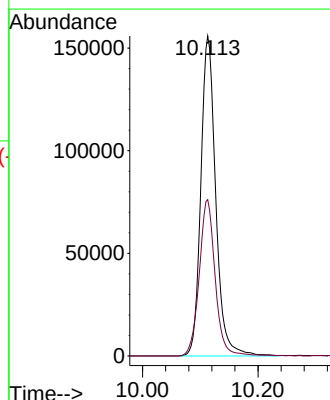
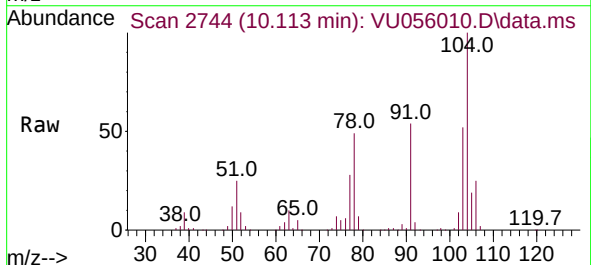
Instrument :
MSVOA_U
ClientSampleId :

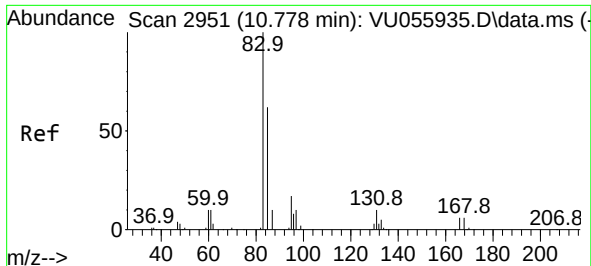
Tgt Ion:106 Resp: 161292
Ion Ratio Lower Upper
106 100
91 224.2 154.6 287.2



#55
Styrene
Concen: 5.473 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion:104 Resp: 279063
Ion Ratio Lower Upper
104 100
78 48.9 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.253 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056010.D

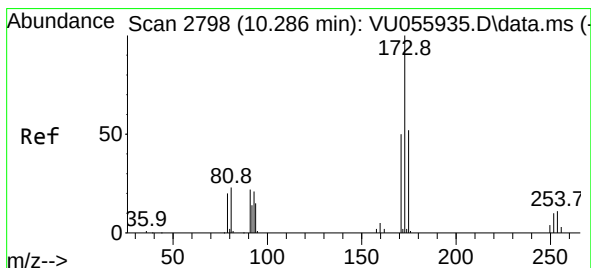
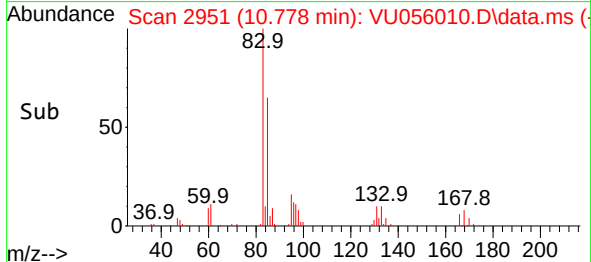
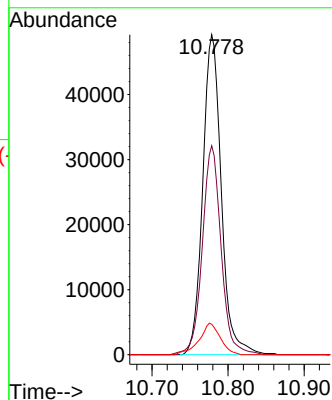
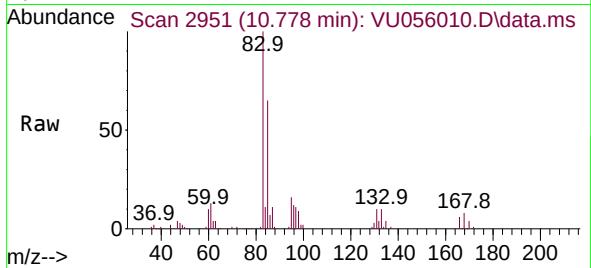
Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	83353
Ion Ratio	Lower	Upper	
83	100		
85	65.3	46.2	85.8
131	9.5	7.2	10.8



#59

Bromoform

Concen: 5.316 ug/L

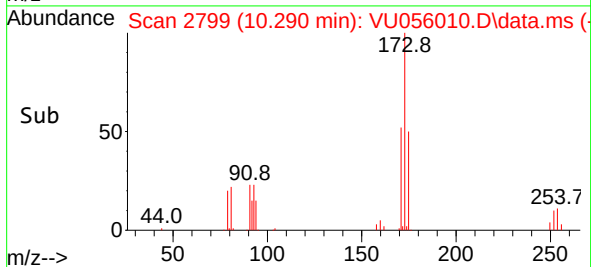
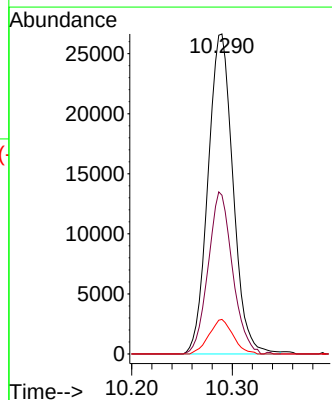
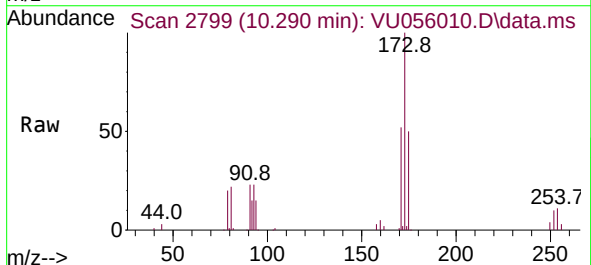
RT: 10.290 min Scan# 2799

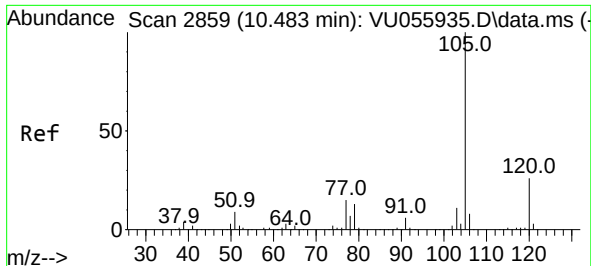
Delta R.T. 0.003 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

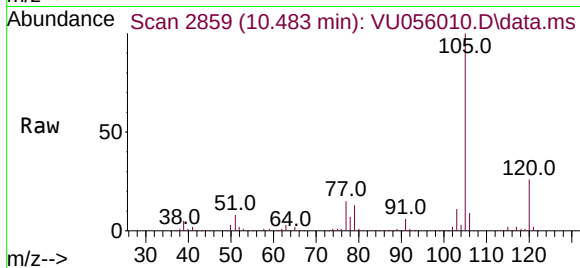
Tgt Ion:	173	Resp:	45974
Ion Ratio	Lower	Upper	
173	100		
175	49.2	37.8	56.6
254	10.4	7.4	11.0



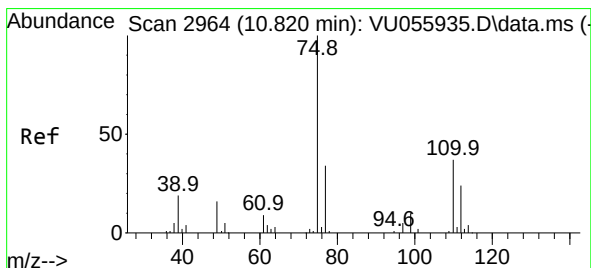
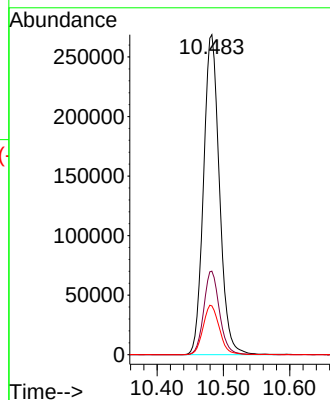
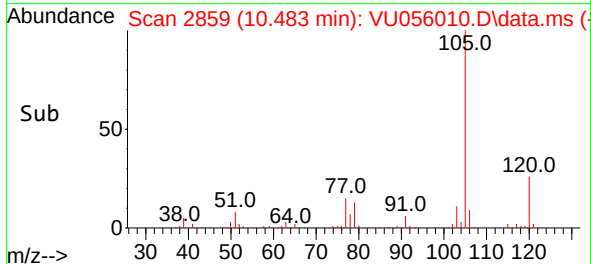


#60
Isopropylbenzene
Concen: 5.287 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Instrument :
MSVOA_U
ClientSampleId :

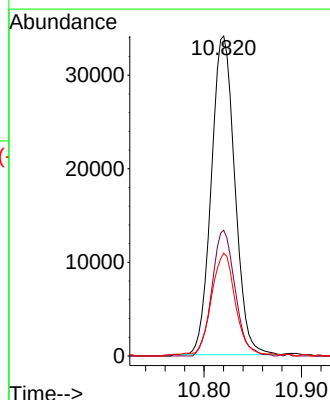
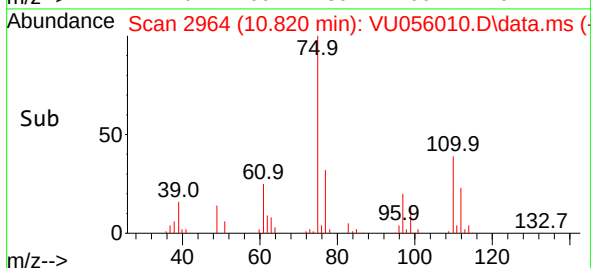
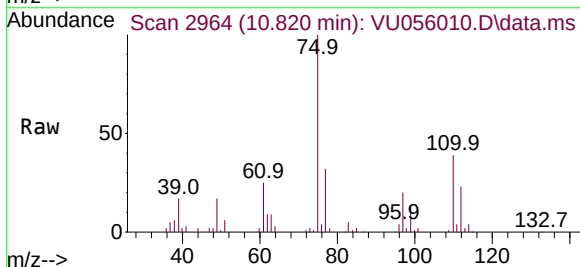


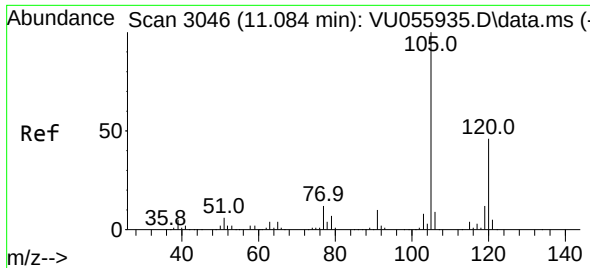
Tgt Ion:105 Resp: 447903
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 15.9 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.890 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion: 75 Resp: 57074
Ion Ratio Lower Upper
75 100
110 38.7 29.0 43.6
77 33.8 24.5 36.7

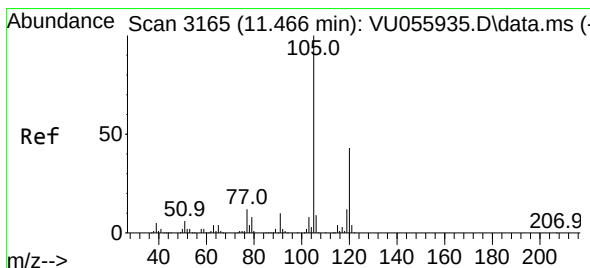
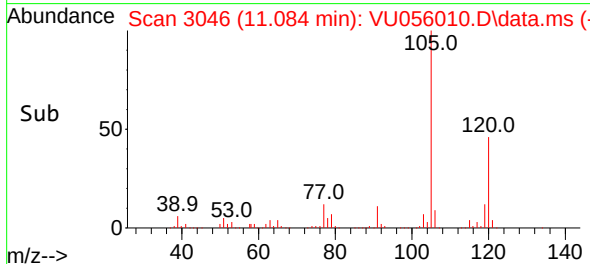
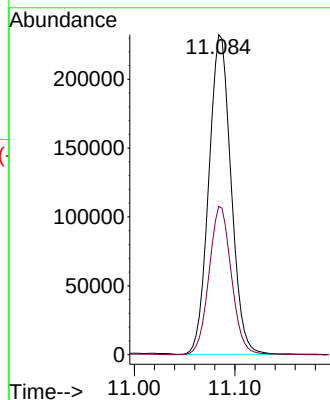
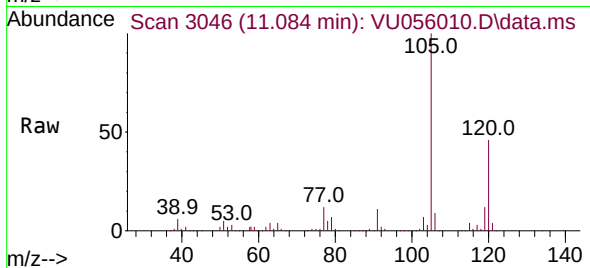




#62
1,3,5-Trimethylbenzene
Concen: 5.154 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

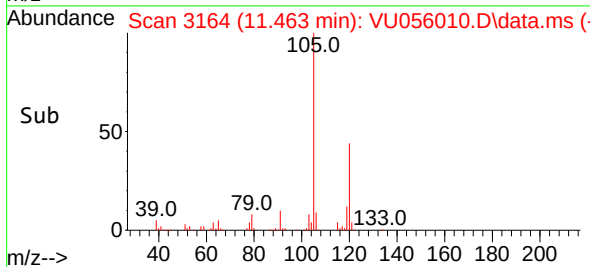
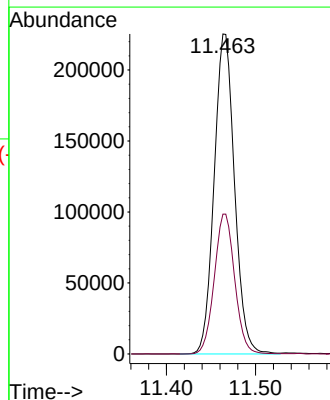
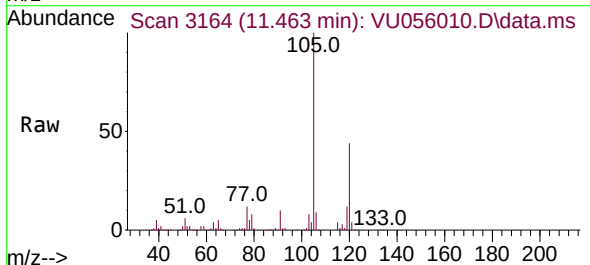
Instrument :
MSVOA_U
ClientSampleId :

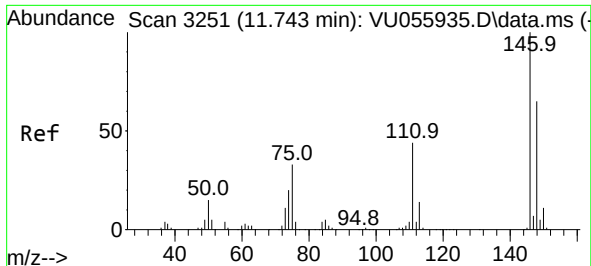
Tgt Ion:105 Resp: 356819
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.566 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

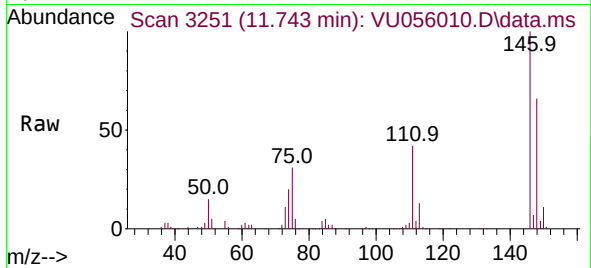
Tgt Ion:105 Resp: 358022
Ion Ratio Lower Upper
105 100
120 43.7 34.6 52.0



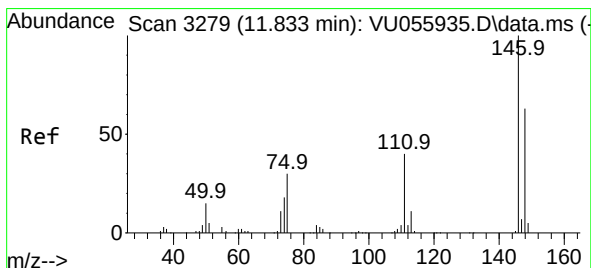
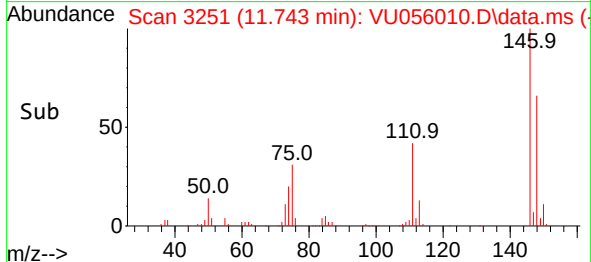
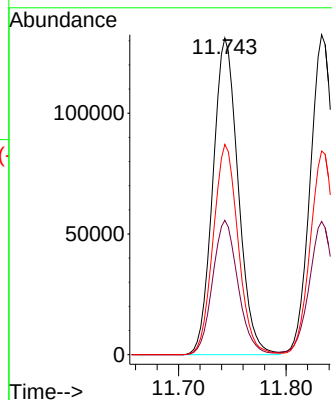


#64
1,3-Dichlorobenzene
Concen: 5.348 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Instrument :
MSVOA_U
ClientSampleId :

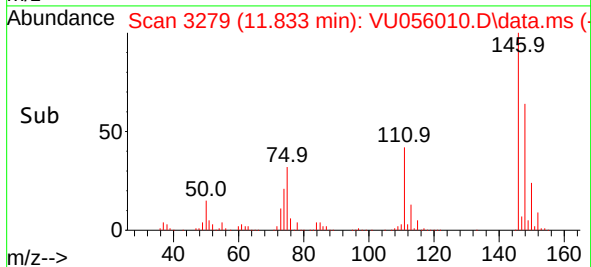
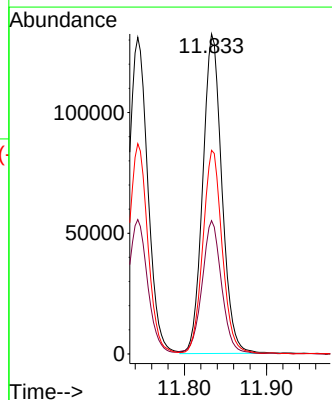
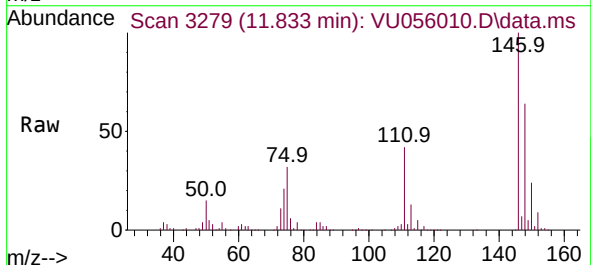


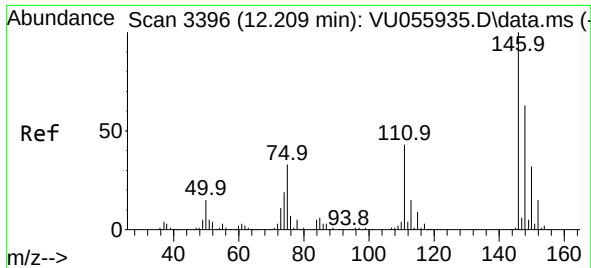
Tgt Ion:146 Resp: 214766
Ion Ratio Lower Upper
146 100
111 42.4 31.1 57.9
148 66.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.338 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion:146 Resp: 213964
Ion Ratio Lower Upper
146 100
111 41.7 29.3 54.3
148 63.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.303 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

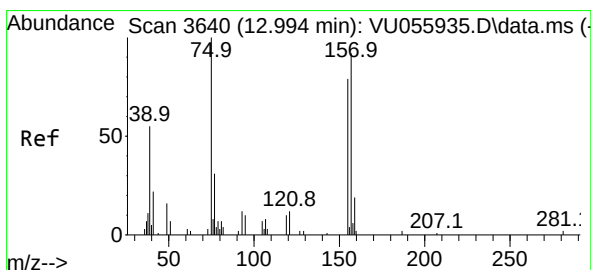
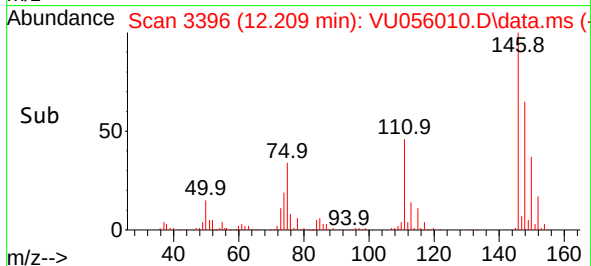
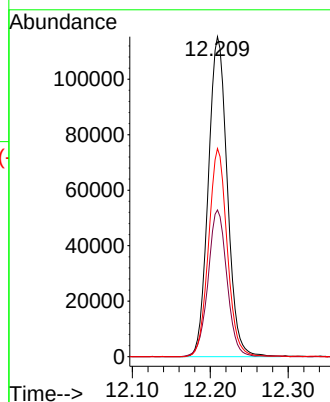
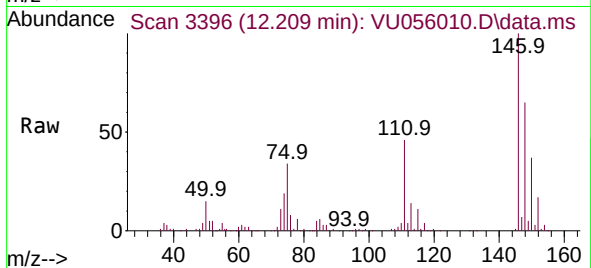
Tgt Ion:146 Resp: 195548

Ion Ratio Lower Upper

146 100

111 45.9 36.7 55.1

148 65.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.741 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

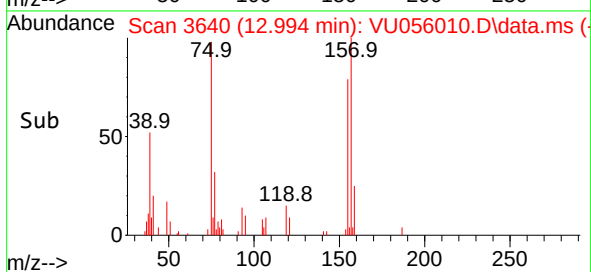
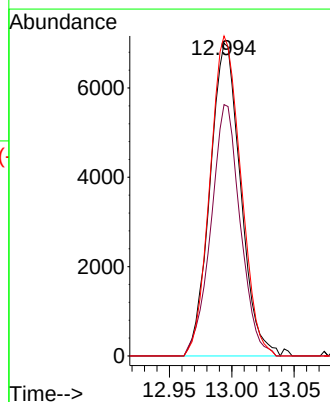
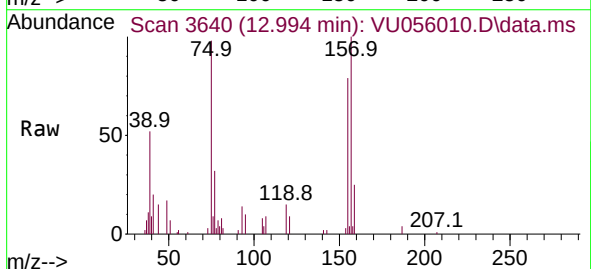
Tgt Ion: 75 Resp: 11957

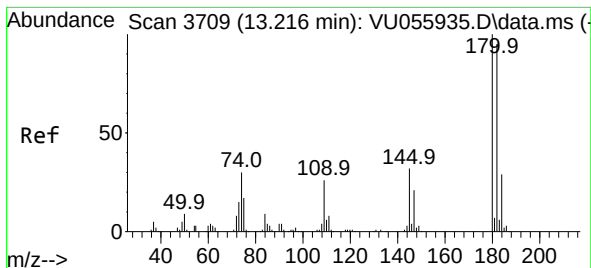
Ion Ratio Lower Upper

75 100

155 80.4 65.3 97.9

157 102.3 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.932 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

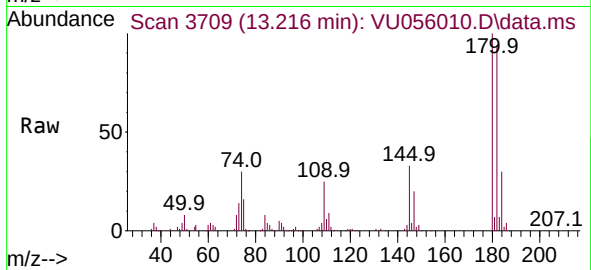
Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 162790

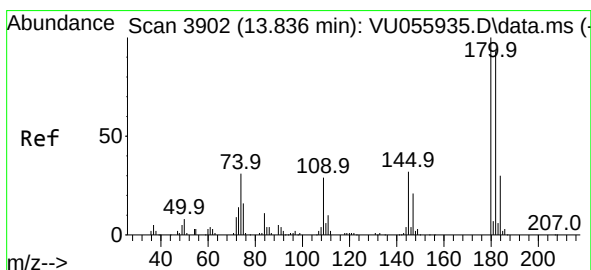
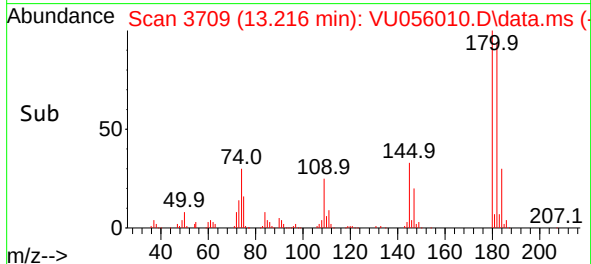
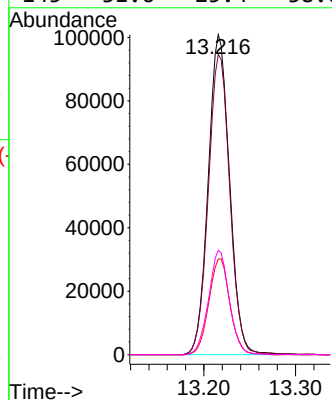
Ion Ratio Lower Upper

180 100

182 94.2 74.7 112.1

184 29.7 23.8 35.8

145 31.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 6.428 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU056010.D

Acq: 31 Oct 2023 12:38

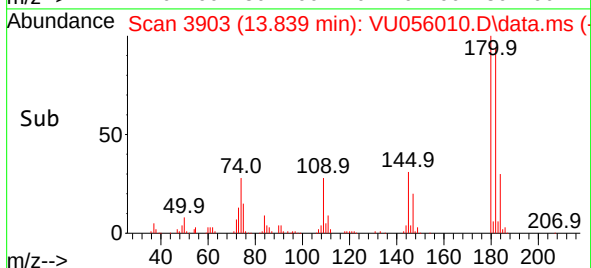
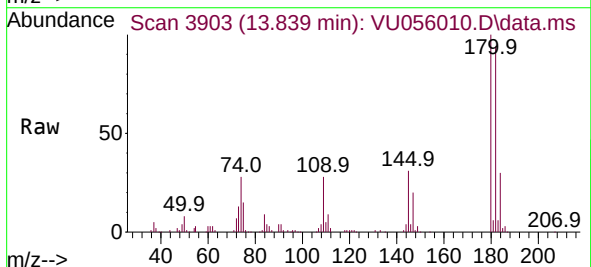
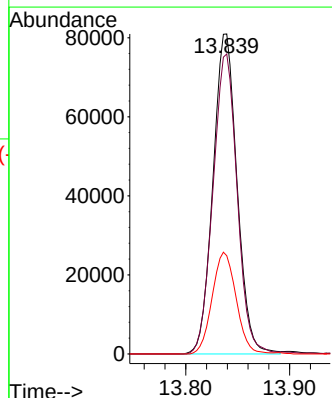
Tgt Ion:180 Resp: 130383

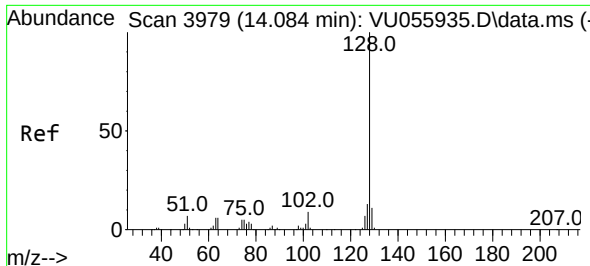
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 31.6 26.4 39.6

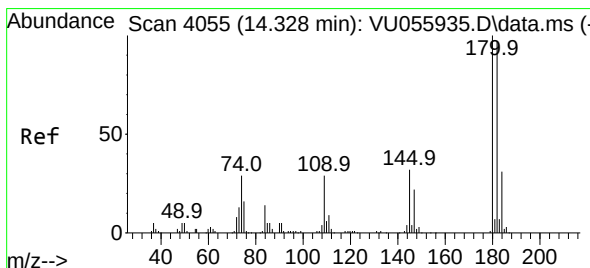
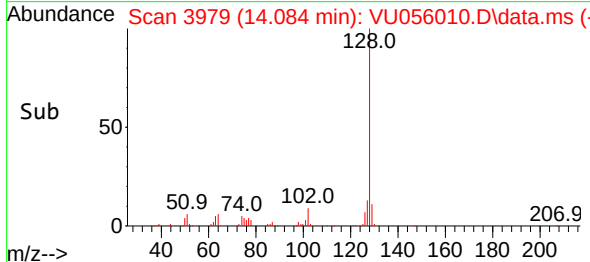
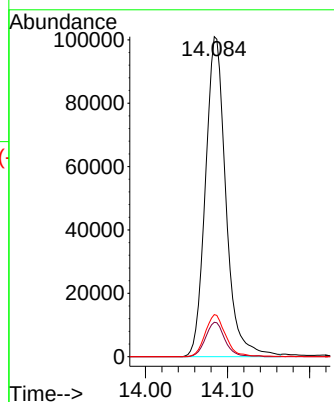
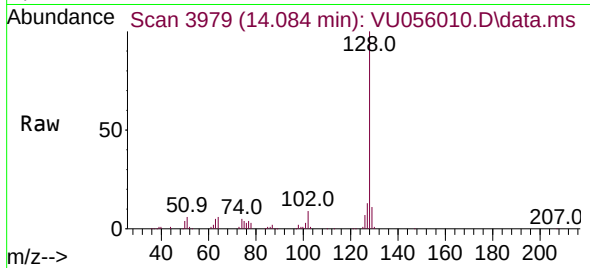




#71
Naphthalene
Concen: 5.953 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 174864
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 13.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.079 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056010.D
Acq: 31 Oct 2023 12:38

Tgt Ion:180 Resp: 106320
Ion Ratio Lower Upper
180 100
182 99.2 74.6 112.0
145 32.8 27.4 41.2

