

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056093.D
 Acq On : 07 Nov 2023 11:39
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:34:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380987	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	362638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	182123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116515	4.927	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.908	69	87002	5.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.563	65	50747	4.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.621	46	204487	52.709	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.420%	
24) Chloroform-d	5.059	84	228435	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.698	65	100864	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.724	84	461142	5.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
36) 1,2-Dichloropropane-d6	6.686	67	135696	5.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.894	98	422092	5.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
43) trans-1,3-Dichloroprop...	8.177	79	52038	5.310	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.200%	
46) 2-Hexanone-d5	8.631	63	174964	54.470	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.940%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96130	5.253	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	140909	5.017	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	173898	5.382	ug/L	100
3) Chloromethane	1.515	50	160856	5.314	ug/L	98
5) Vinyl chloride	1.602	62	168975	5.396	ug/L	100
6) Bromomethane	1.853	94	93202	5.182	ug/L	99
8) Chloroethane	1.927	64	103863	6.118	ug/L	99
9) Trichlorofluoromethane	2.133	101	219583	5.302	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	138593	5.253	ug/L	99
12) 1,1-Dichloroethene	2.576	96	133582	5.455	ug/L	98
13) Acetone	2.625	43	150374	52.558	ug/L	98
14) Carbon disulfide	2.789	76	450136	5.395	ug/L	100
15) Methyl Acetate	2.946	43	45144	5.592	ug/L	95
16) Methylene chloride	3.039	84	148002	5.271	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	304457	5.519	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	139269	5.367	ug/L	98
19) 1,1-Dichloroethane	3.862	63	257186	5.434	ug/L	97
21) 2-Butanone	4.698	43	263987	55.947	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	152657	5.450	ug/L	99
23) Bromochloromethane	4.969	128	66114	5.320	ug/L	98
25) Chloroform	5.081	83	264509	5.244	ug/L	98

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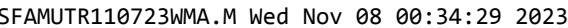
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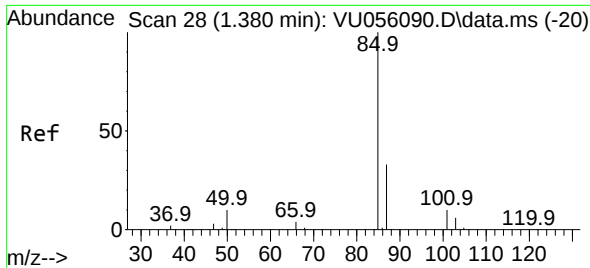
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	152063	5.327	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	229214	5.517	ug/L	99
30) Cyclohexane	5.383	56	209558	5.399	ug/L	100
31) Carbon tetrachloride	5.518	117	197583	5.356	ug/L	100
33) Benzene	5.769	78	579299	5.579	ug/L	100
34) Trichloroethene	6.538	95	157626	5.557	ug/L	96
35) Methylcyclohexane	6.759	83	228187	5.413	ug/L	100
37) 1,2-Dichloropropane	6.785	63	147427	5.460	ug/L	100
38) Bromodichloromethane	7.100	83	183319	5.437	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	211094	5.539	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	670182	56.742	ug/L	100
42) Toluene	7.965	91	609078	5.564	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	172370	5.586	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	104550	5.664	ug/L	98
47) Tetrachloroethene	8.550	164	115888	5.444	ug/L	97
48) 2-Hexanone	8.679	43	487885	56.734	ug/L	99
49) Dibromochloromethane	8.808	129	120437	5.686	ug/L	95
50) 1,2-Dibromoethane	8.920	107	95689	5.548	ug/L	98
51) Chlorobenzene	9.444	112	383862	5.435	ug/L	98
52) Ethylbenzene	9.566	91	658955	5.524	ug/L	100
53) m,p-Xylene	9.692	106	254799	5.616	ug/L	99
54) o-Xylene	10.097	106	244882	5.631	ug/L	95
55) Styrene	10.113	104	416197	5.850	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	117497	5.416	ug/L	98
59) Bromoform	10.287	173	68707	5.432	ug/L	98
60) Isopropylbenzene	10.483	105	646251	5.473	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	84823	5.396	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	528110	5.515	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	527153	5.612	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	308362	5.514	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	299056	5.408	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	280111	5.435	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	17691	5.335	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	226109	5.398	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	189054	5.689	ug/L	98
71) Naphthalene	14.084	128	288328	5.850	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	165904	5.694	ug/L	99

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

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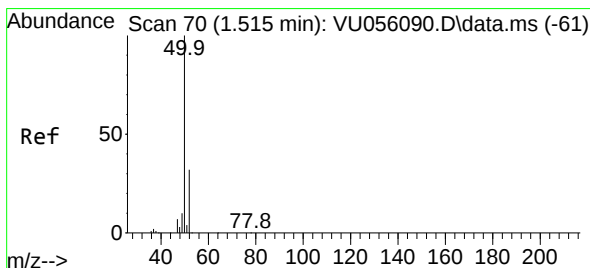
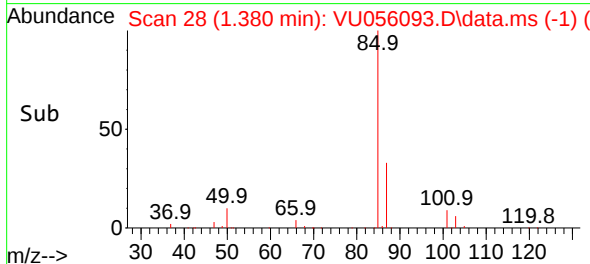
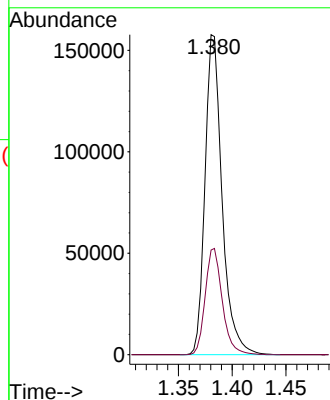
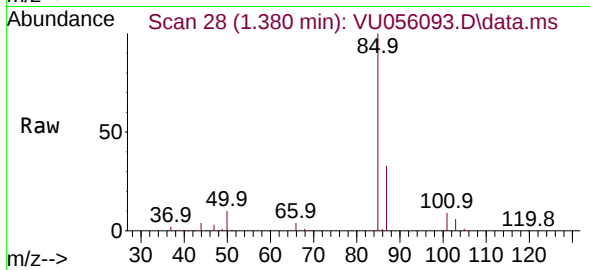




#2
 Dichlorodifluoromethane
 Concen: 5.382 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

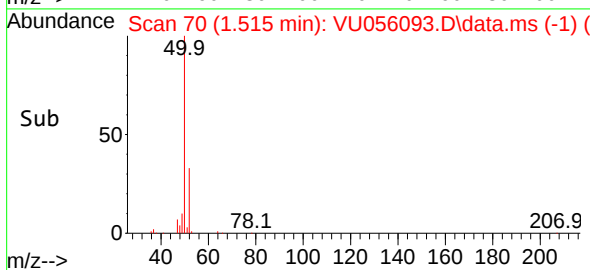
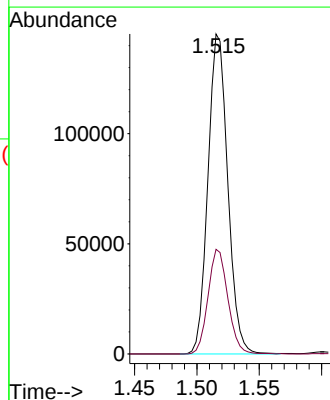
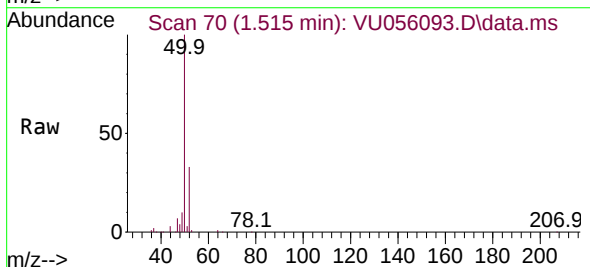
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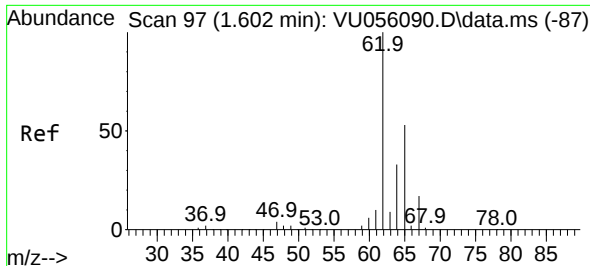
Tgt Ion: 85 Resp: 173898
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.4 39.6



#3
 Chloromethane
 Concen: 5.314 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

Tgt Ion: 50 Resp: 160856
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.2 41.2

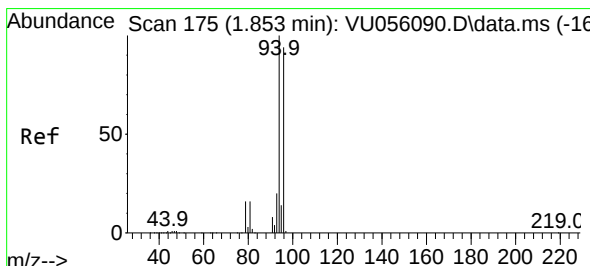
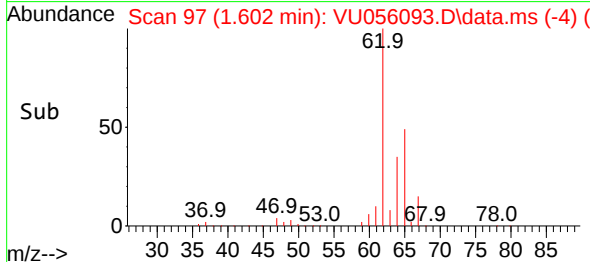
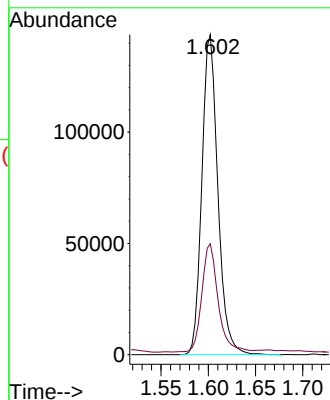
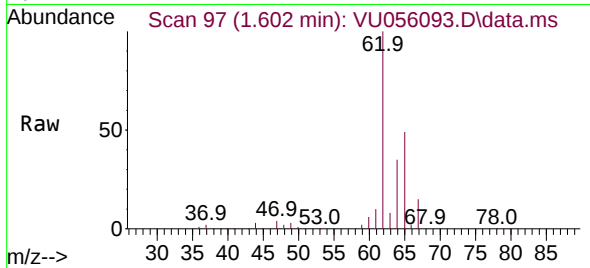




#5
 Vinyl chloride
 Concen: 5.396 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

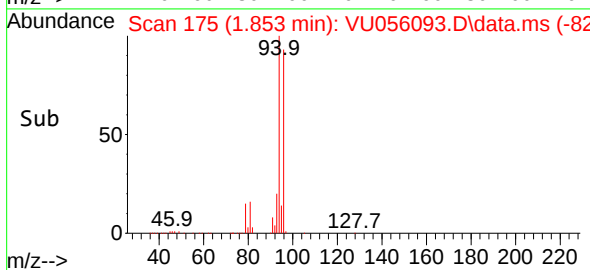
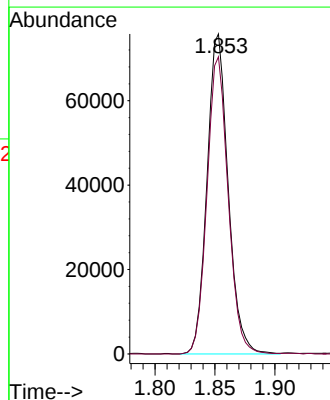
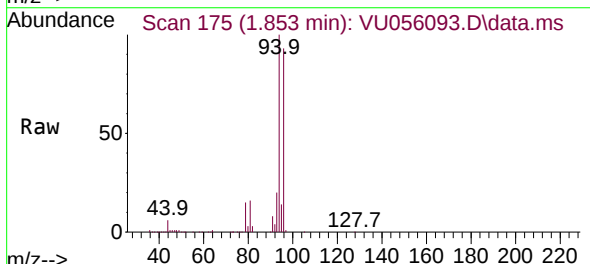
Instrument :
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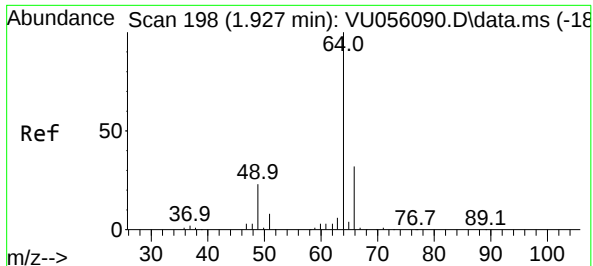
Tgt Ion: 62 Resp: 168975
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.1 44.7



#6
 Bromomethane
 Concen: 5.182 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

Tgt Ion: 94 Resp: 93202
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.6 121.8

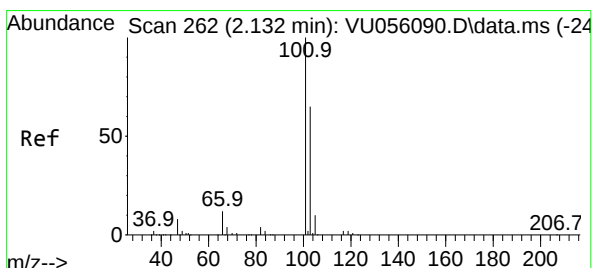
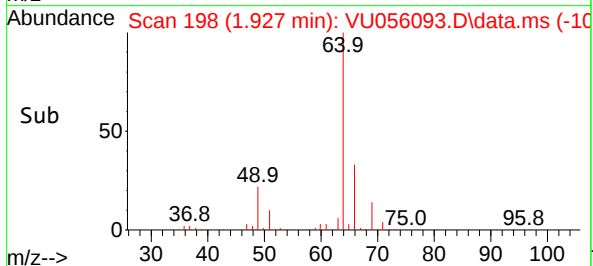
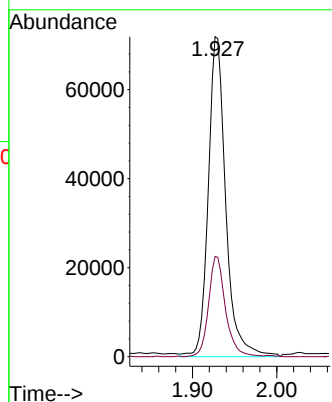
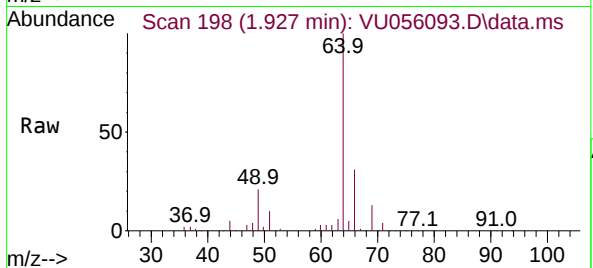




#8
Chloroethane
Concen: 6.118 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

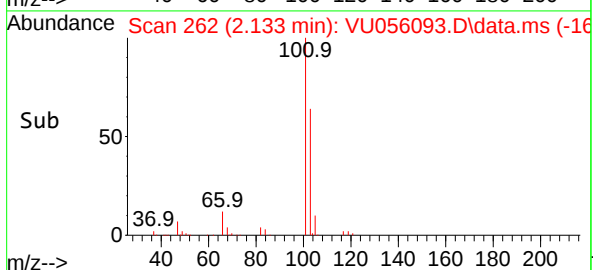
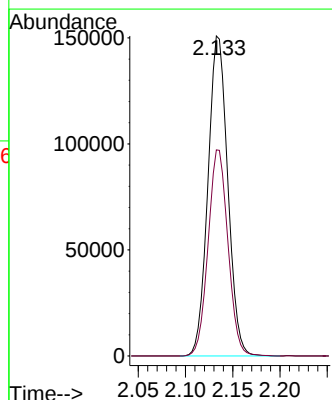
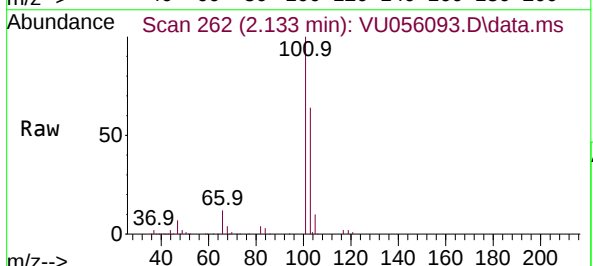
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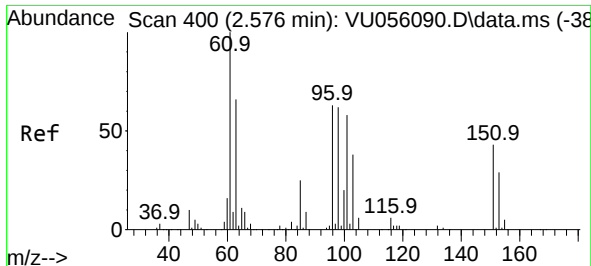
Tgt Ion: 64 Resp: 103863
Ion Ratio Lower Upper
64 100
66 31.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.302 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 101 Resp: 219583
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

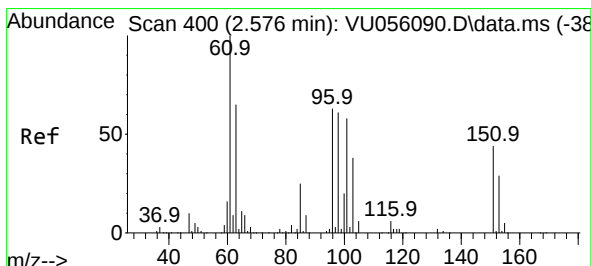
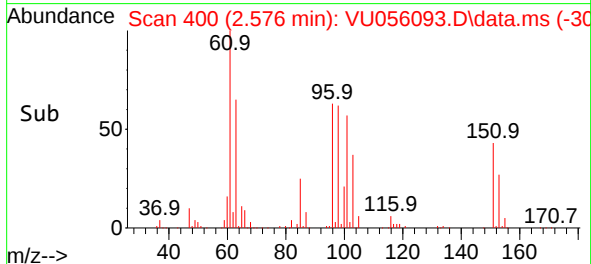
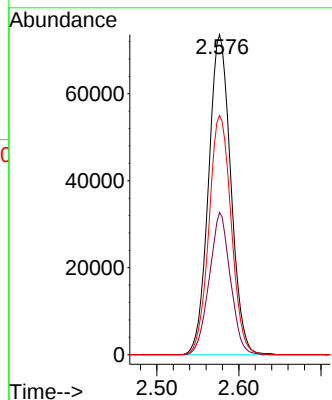
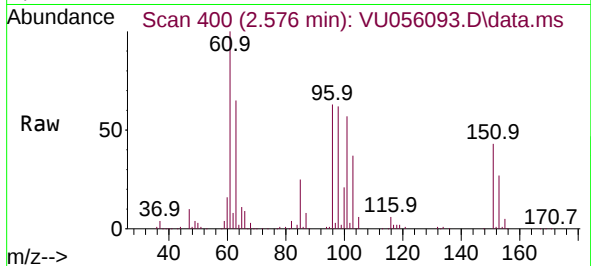




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.253 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

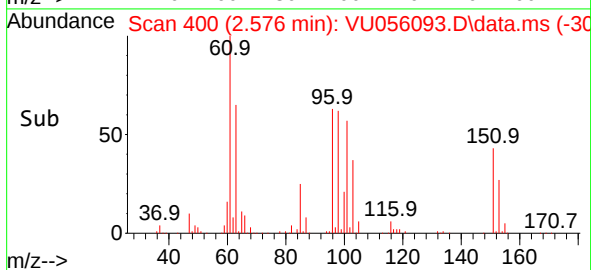
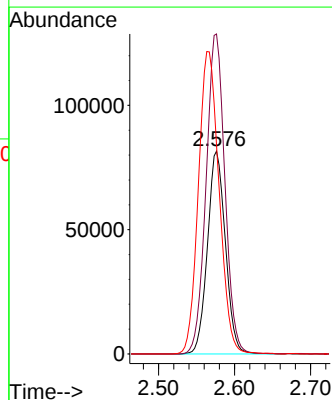
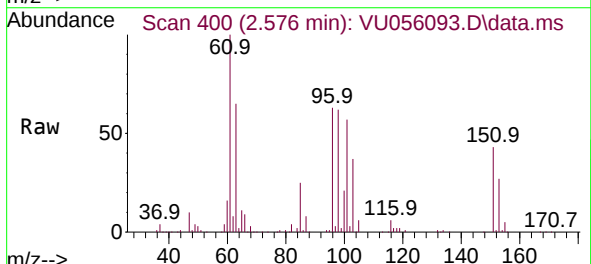
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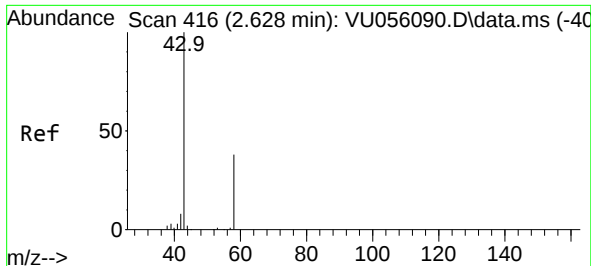
Tgt Ion:101 Resp: 138593
Ion Ratio Lower Upper
101 100
85 42.1 34.2 51.4
151 75.0 59.3 88.9



#12
1,1-Dichloroethene
Concen: 5.455 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 96 Resp: 133582
Ion Ratio Lower Upper
96 100
61 157.7 111.7 207.5
63 103.0 74.5 138.3





#13

Acetone

Concen: 52.558 ug/L

RT: 2.625 min Scan# 416

Delta R.T. -0.003 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

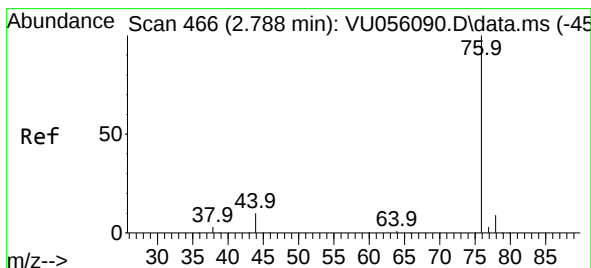
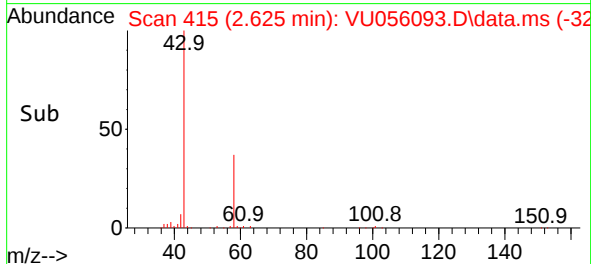
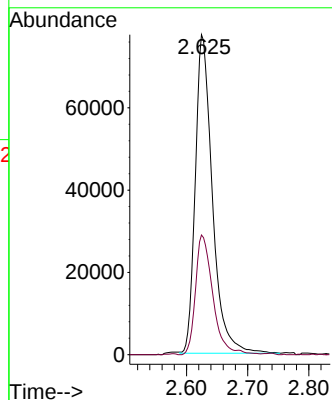
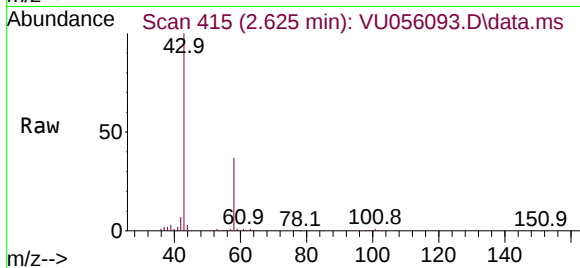
ClientSampleId :

Tgt Ion: 43 Resp: 150374

Ion Ratio Lower Upper

43 100

58 38.2 0.0 74.4



#14

Carbon disulfide

Concen: 5.395 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056093.D

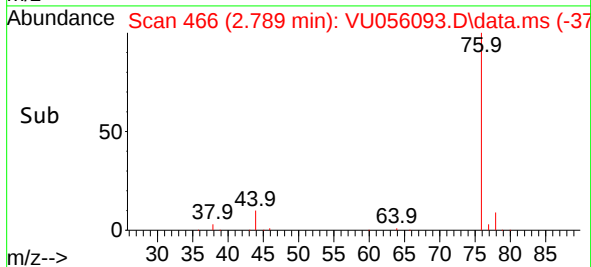
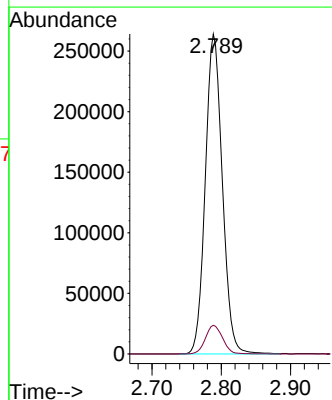
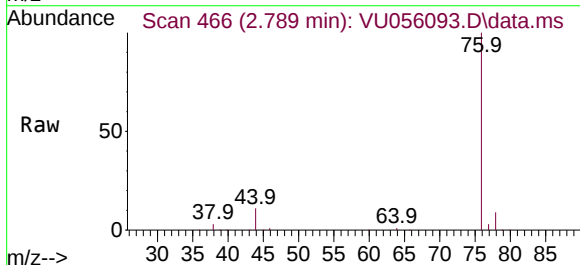
Acq: 07 Nov 2023 11:39

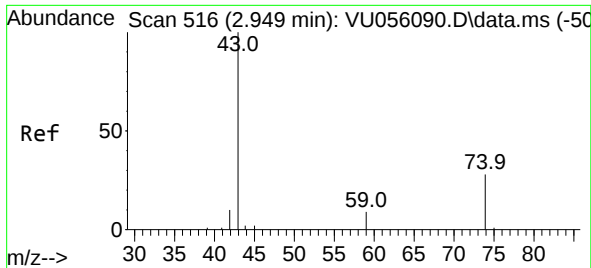
Tgt Ion: 76 Resp: 450136

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

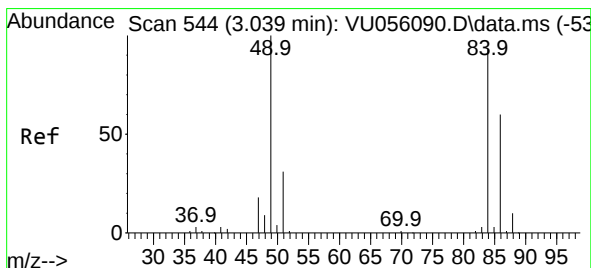
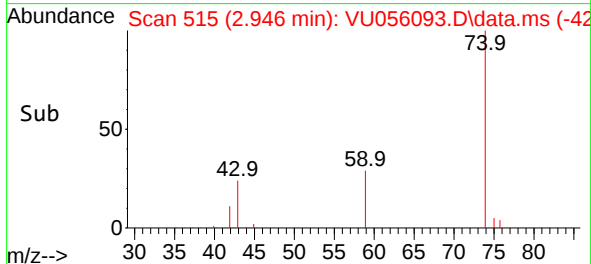
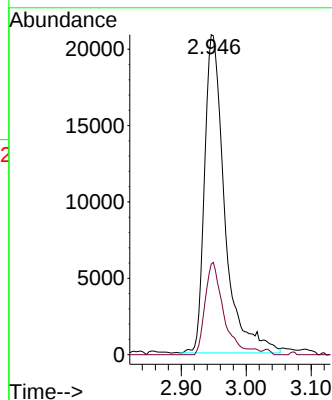
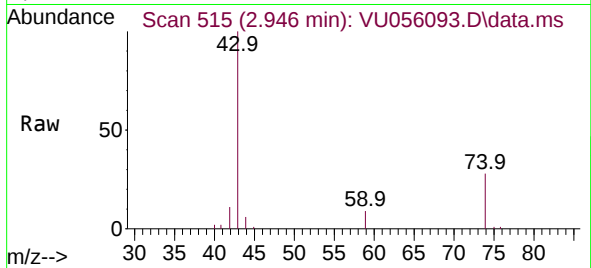




#15
Methyl Acetate
Concen: 5.592 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

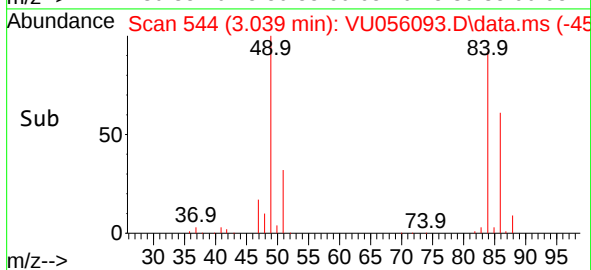
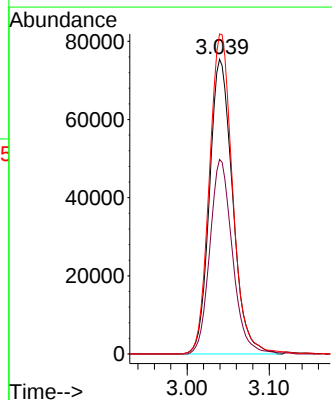
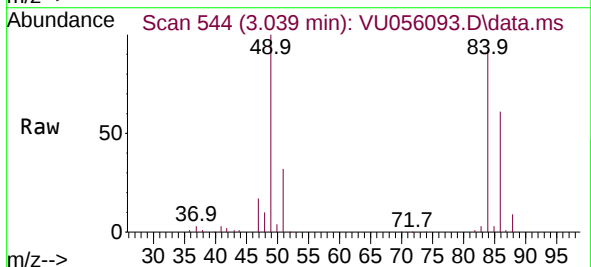
Instrument :
MSVOA_U
ClientSampleId :

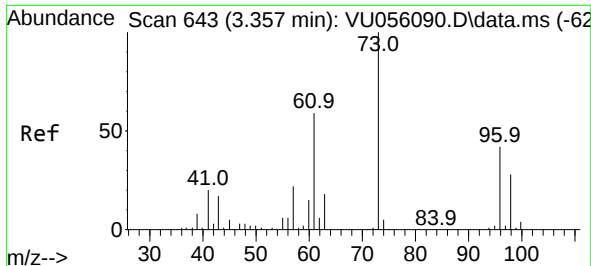
Tgt Ion: 43 Resp: 45144
Ion Ratio Lower Upper
43 100
74 26.3 23.3 34.9



#16
Methylene chloride
Concen: 5.271 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 84 Resp: 148002
Ion Ratio Lower Upper
84 100
86 66.0 44.9 83.5
49 108.5 75.0 139.4

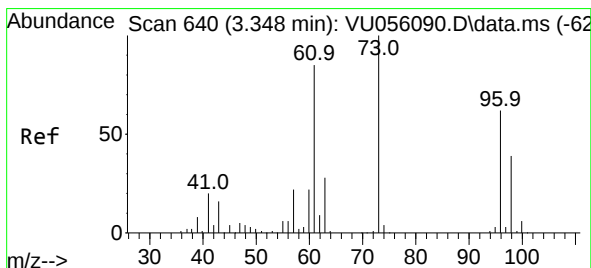
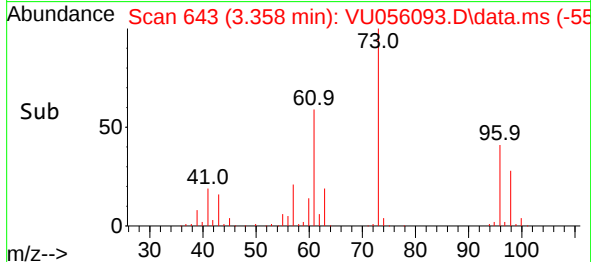
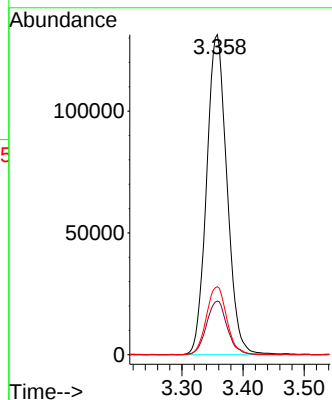
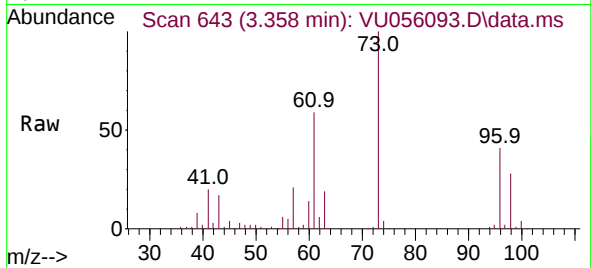




#17
Methyl tert-butyl Ether
Concen: 5.519 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

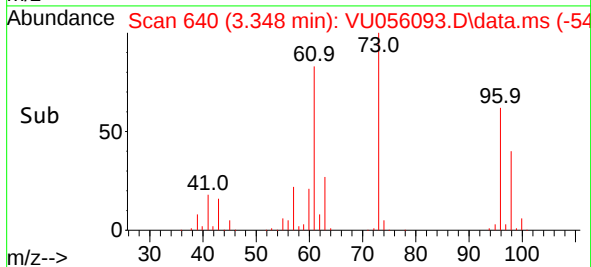
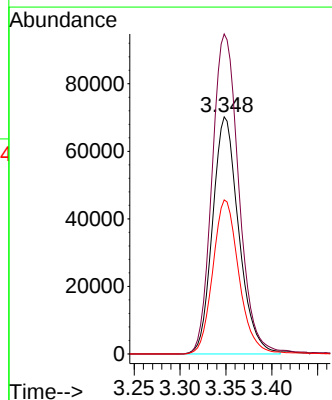
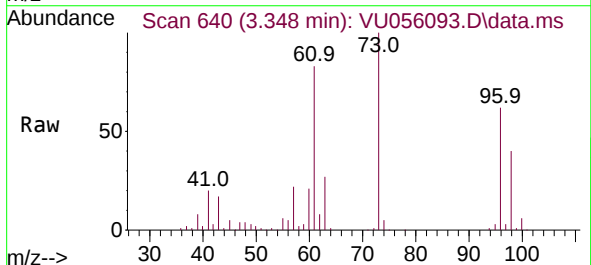
Instrument :
MSVOA_U
ClientSampleId :

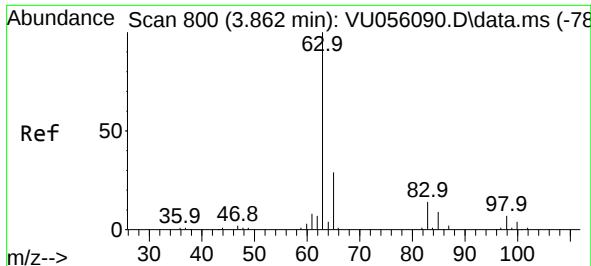
Tgt Ion: 73 Resp: 304457
Ion Ratio Lower Upper
73 100
43 17.0 13.6 20.4
57 21.3 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.367 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

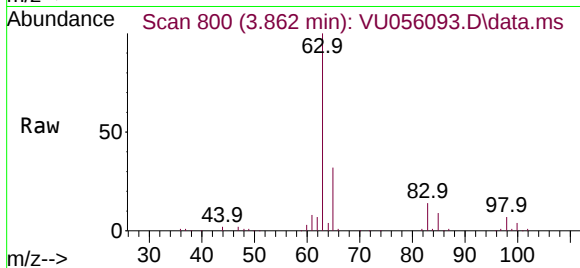
Tgt Ion: 96 Resp: 139269
Ion Ratio Lower Upper
96 100
61 135.0 96.7 179.5
98 65.0 44.3 82.3



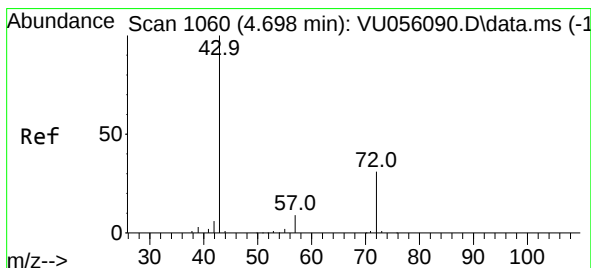
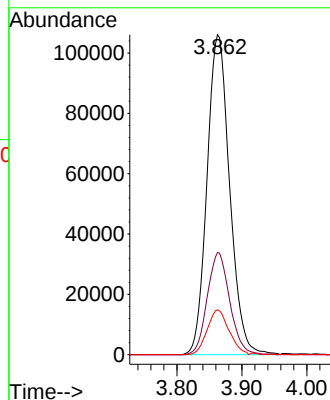
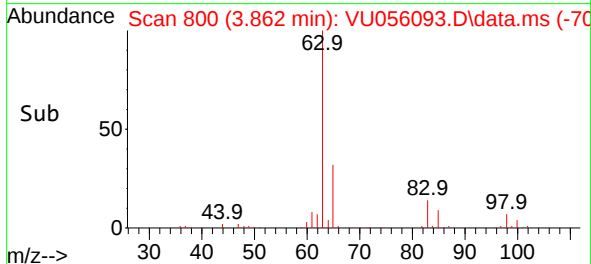


#19
1,1-Dichloroethane
Concen: 5.434 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Instrument :
MSVOA_U
ClientSampleId :

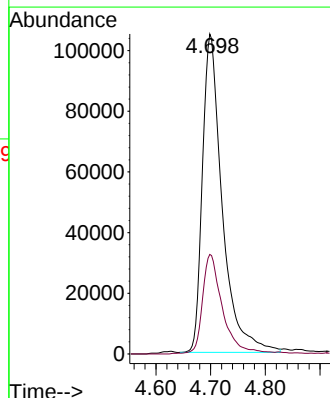
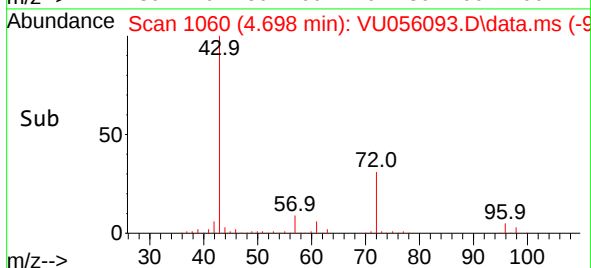
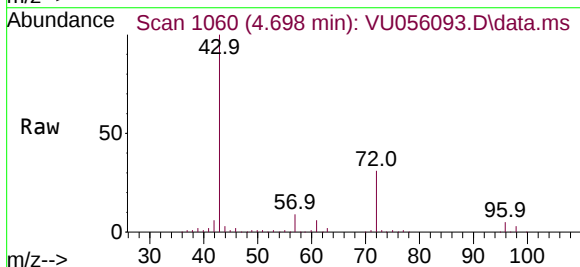


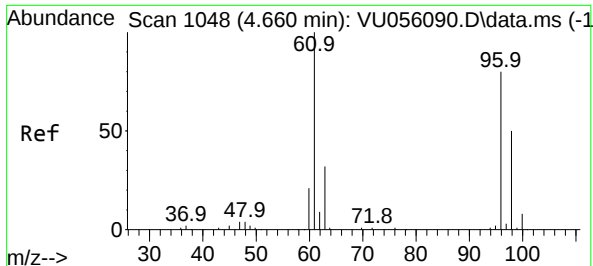
Tgt Ion: 63 Resp: 257186
Ion Ratio Lower Upper
63 100
65 31.9 20.6 38.2
83 14.0 9.6 17.8



#21
2-Butanone
Concen: 55.947 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 43 Resp: 263987
Ion Ratio Lower Upper
43 100
72 31.6 15.7 47.0

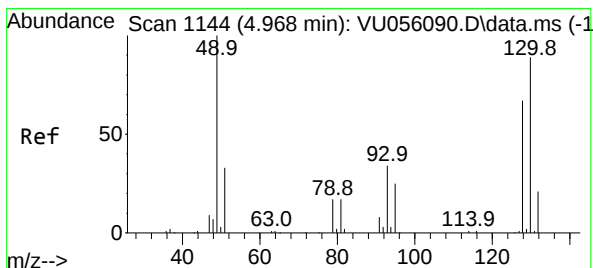
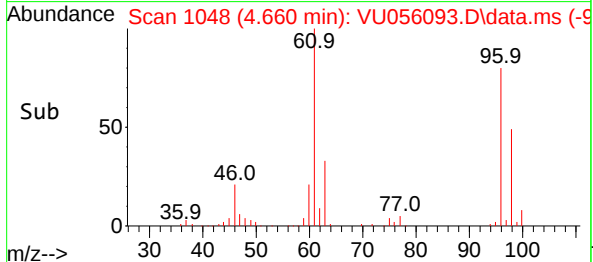
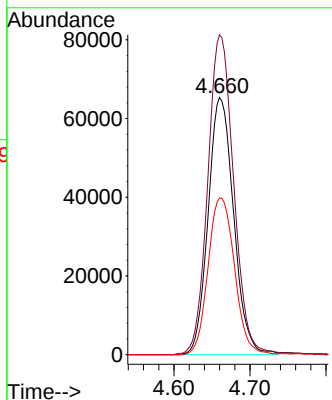
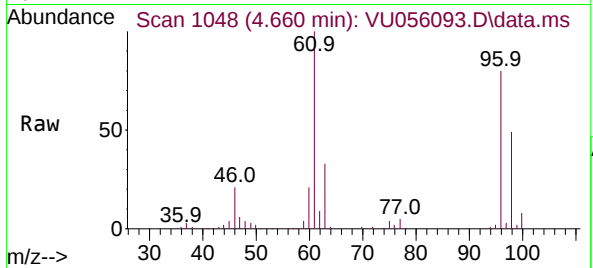




#22
 cis-1,2-Dichloroethene
 Concen: 5.450 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

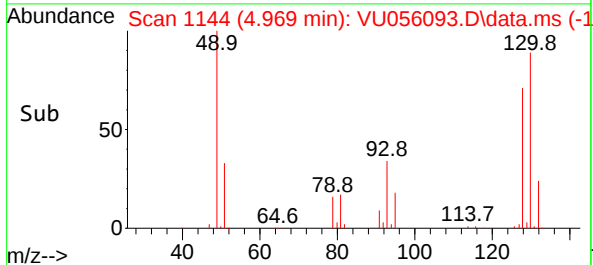
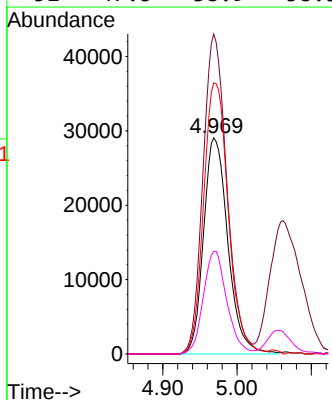
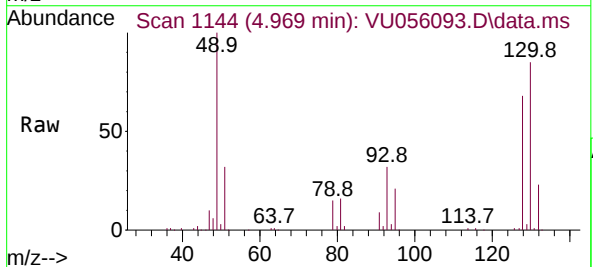
Instrument :
 MSVOA_U
 ClientSampleId :

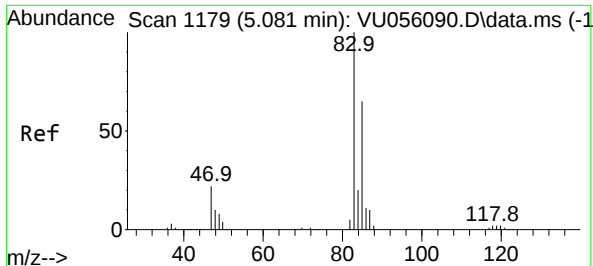
Tgt Ion: 96 Resp: 152657
 Ion Ratio Lower Upper
 96 100
 61 124.4 87.8 163.2
 98 60.9 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.320 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

Tgt Ion: 128 Resp: 66114
 Ion Ratio Lower Upper
 128 100
 49 148.1 103.7 192.7
 130 125.4 91.8 170.6
 51 47.5 38.9 58.3





#25

Chloroform

Concen: 5.244 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

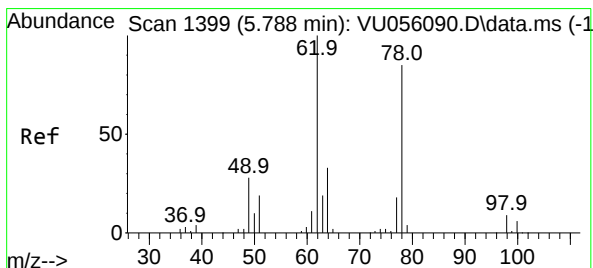
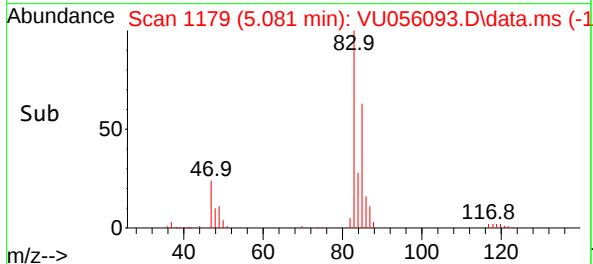
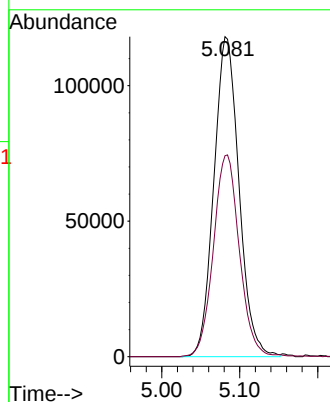
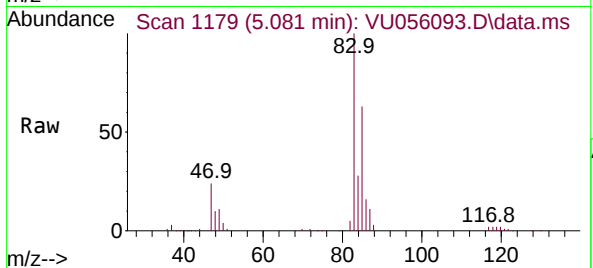
ClientSampleId :

Tgt Ion: 83 Resp: 264509

Ion Ratio Lower Upper

83 100

85 62.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.327 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056093.D

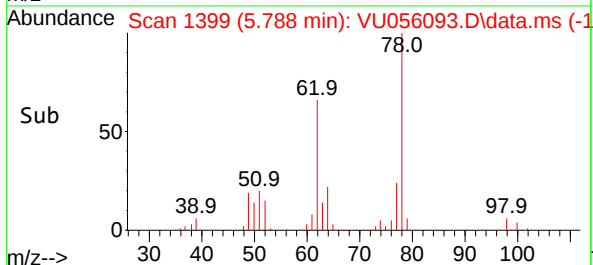
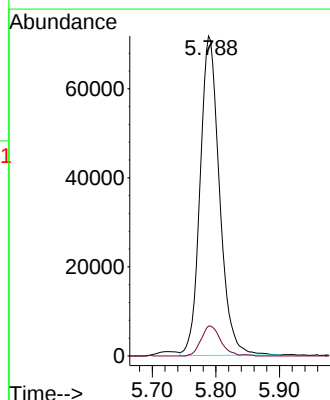
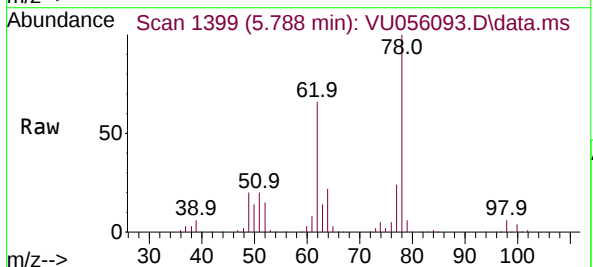
Acq: 07 Nov 2023 11:39

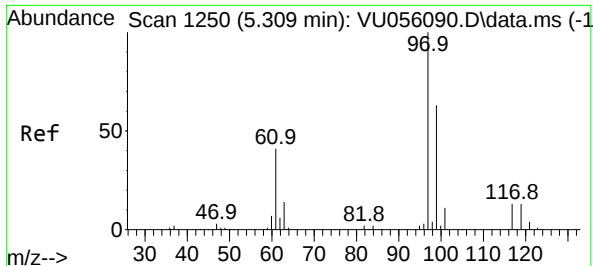
Tgt Ion: 62 Resp: 152063

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.517 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

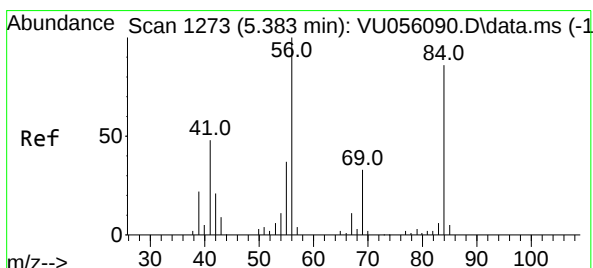
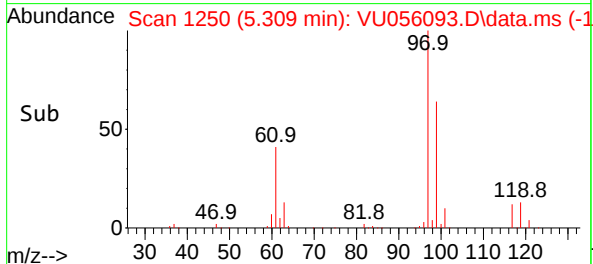
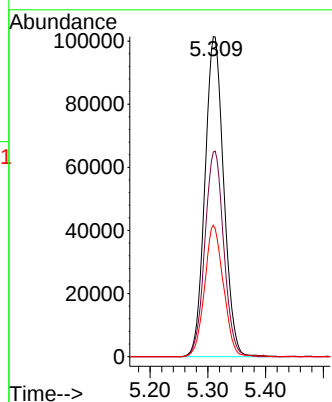
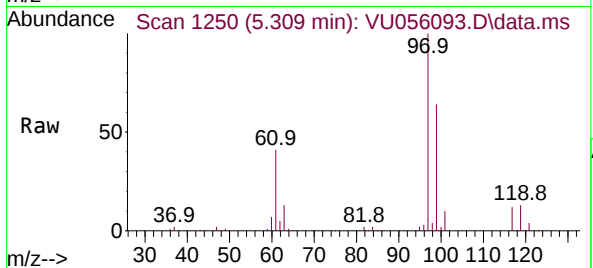
Tgt Ion: 97 Resp: 229214

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 41.0 33.4 50.0



#30

Cyclohexane

Concen: 5.399 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

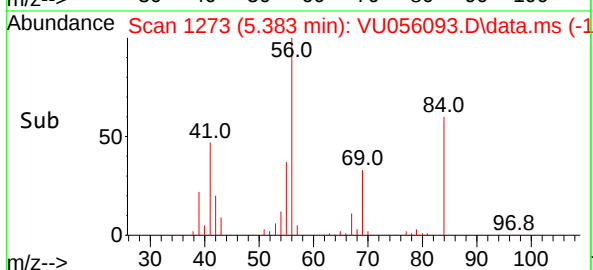
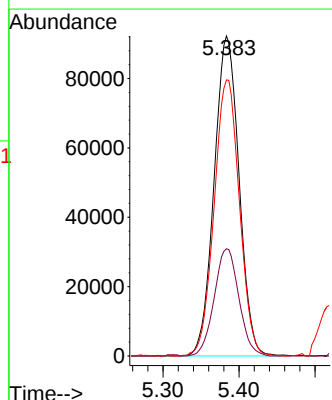
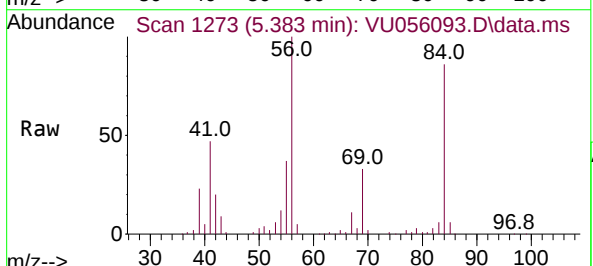
Tgt Ion: 56 Resp: 209558

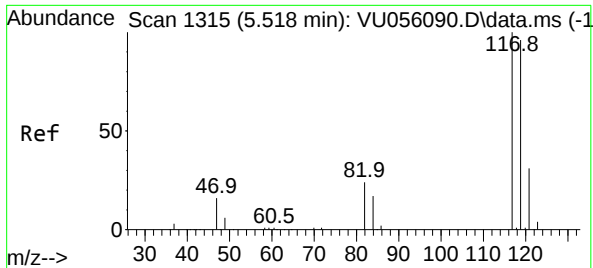
Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

84 87.7 70.4 105.6

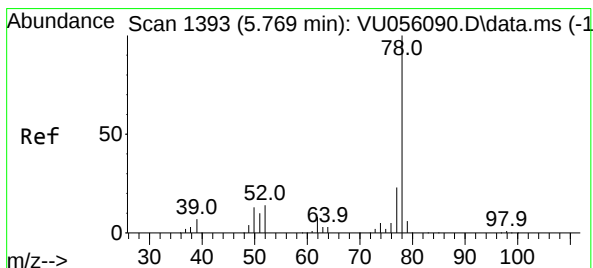
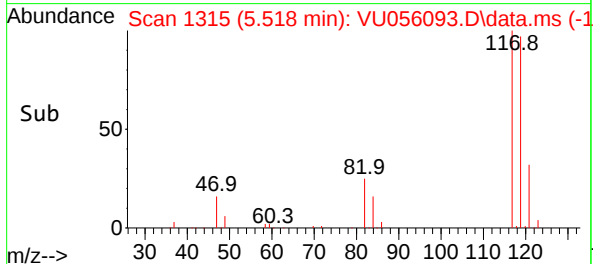
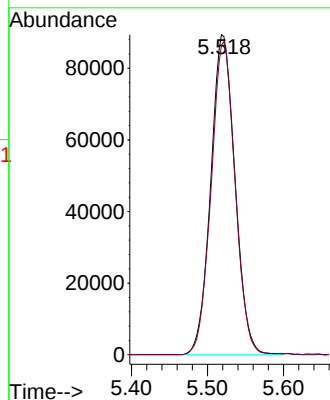
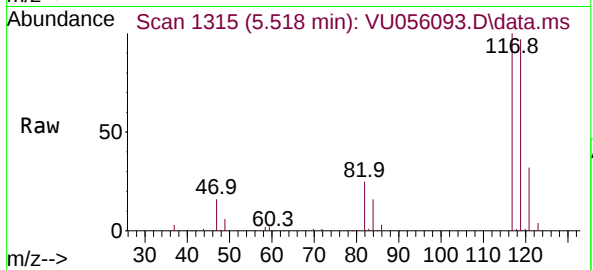




#31
Carbon tetrachloride
Concen: 5.356 ug/L
RT: 5.518 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

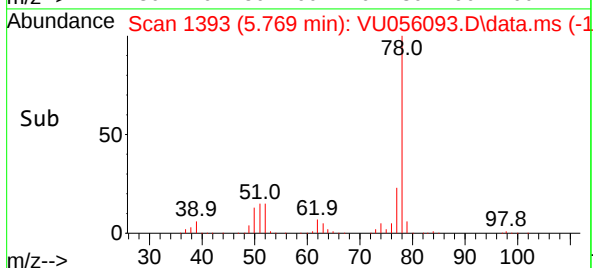
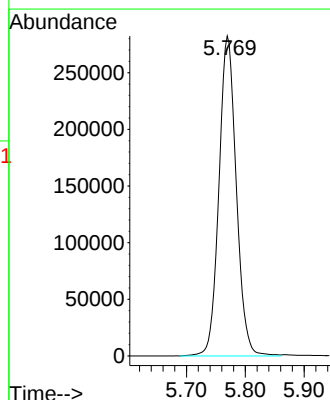
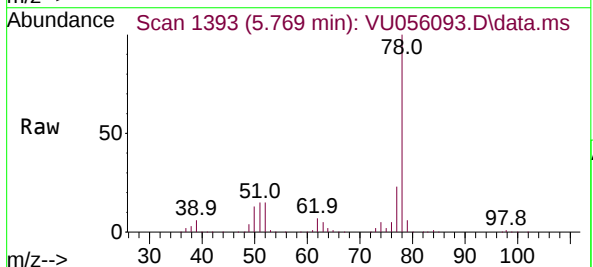
Instrument :
MSVOA_U
ClientSampleId :

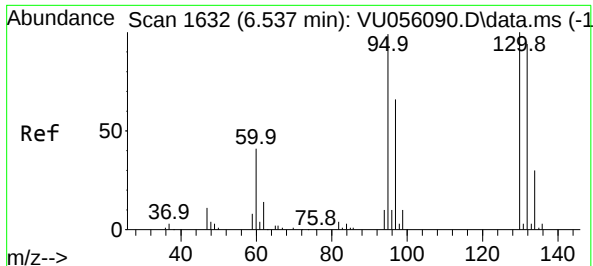
Tgt Ion:117 Resp: 197583
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 5.579 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

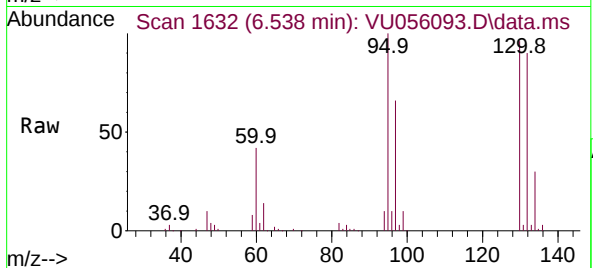
Tgt Ion: 78 Resp: 579299



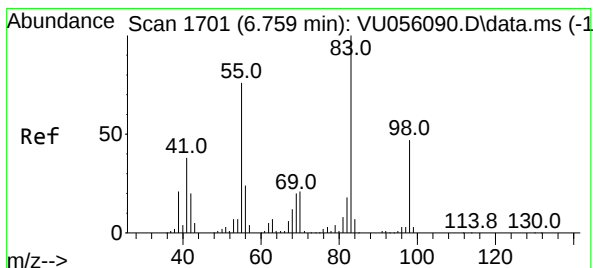
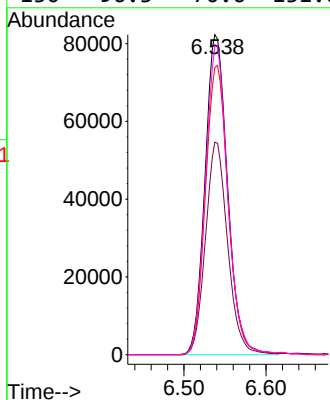
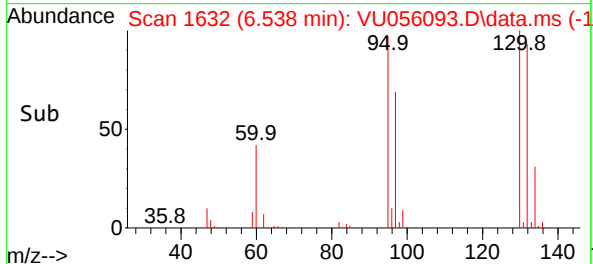


#34
Trichloroethene
Concen: 5.557 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

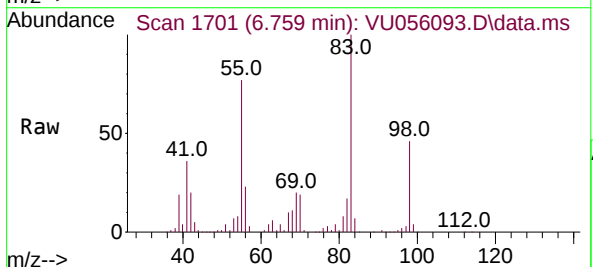
Instrument :
MSVOA_U
ClientSampleId :



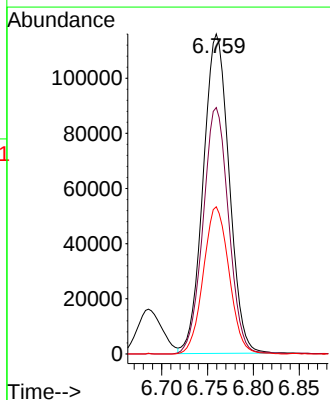
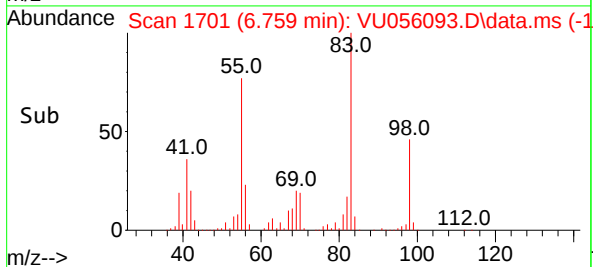
Tgt Ion: 95 Resp: 157626
Ion Ratio Lower Upper
95 100
97 66.5 46.8 87.0
132 89.8 66.5 123.5
130 96.3 70.6 131.0

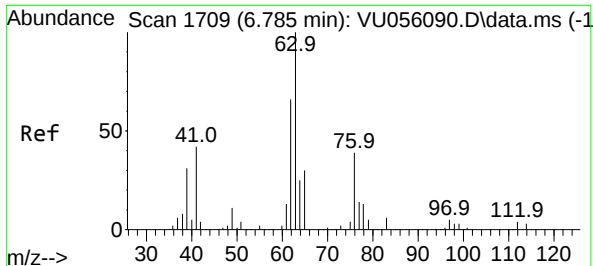


#35
Methylcyclohexane
Concen: 5.413 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39



Tgt Ion: 83 Resp: 228187
Ion Ratio Lower Upper
83 100
55 76.1 60.6 91.0
98 45.7 36.2 54.4

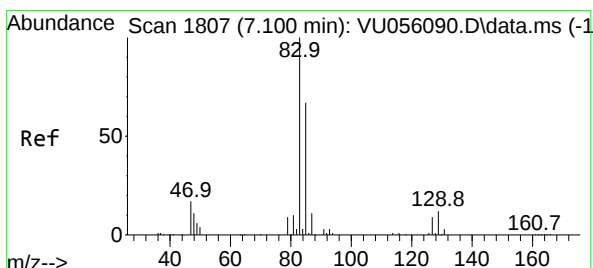
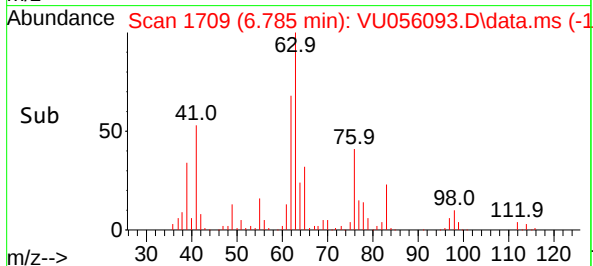
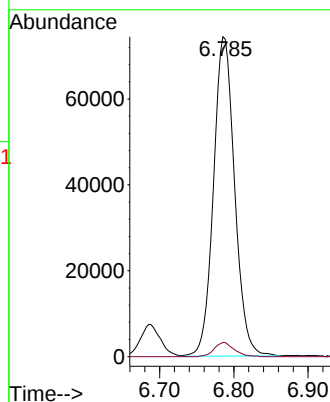
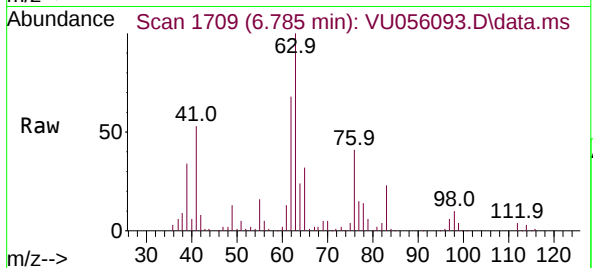




#37
1,2-Dichloropropane
Concen: 5.460 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

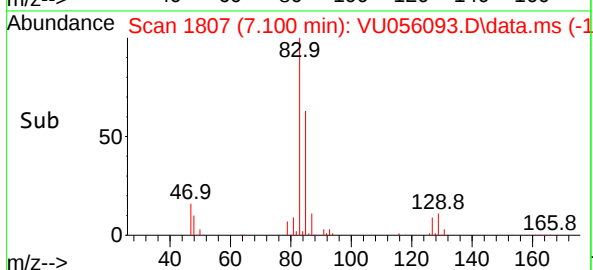
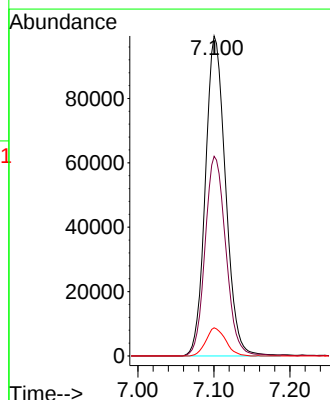
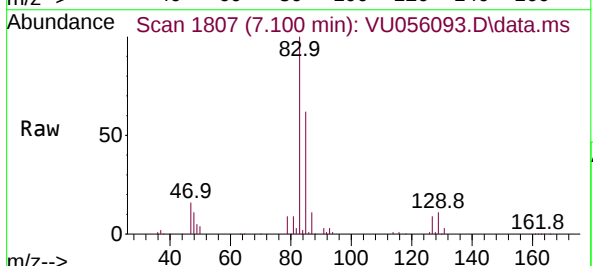
Instrument :
MSVOA_U
ClientSampleId :

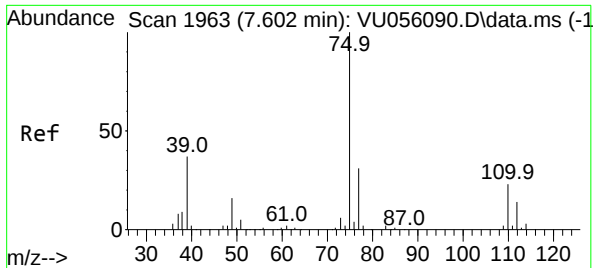
Tgt Ion: 63 Resp: 147427
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2



#38
Bromodichloromethane
Concen: 5.437 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 83 Resp: 183319
Ion Ratio Lower Upper
83 100
85 62.4 46.6 86.6
127 8.8 7.3 10.9

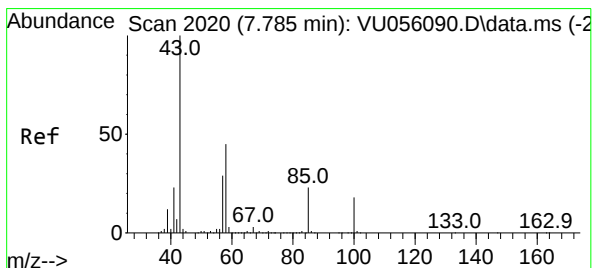
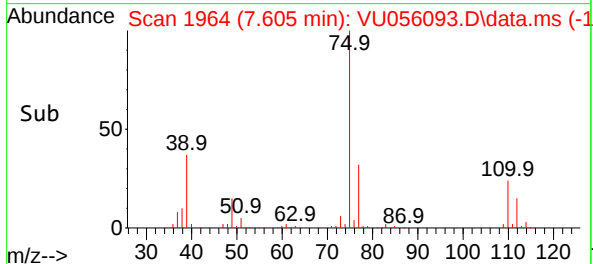
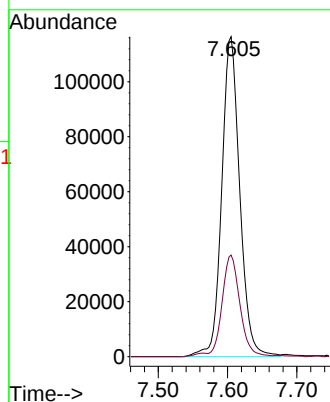
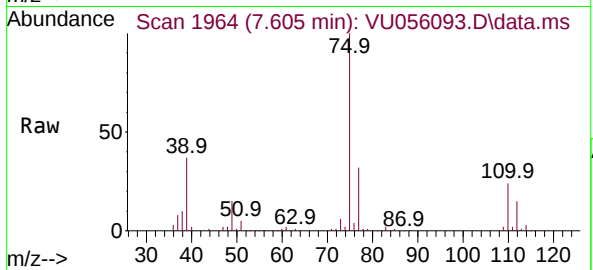




#39
 cis-1,3-Dichloropropene
 Concen: 5.539 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

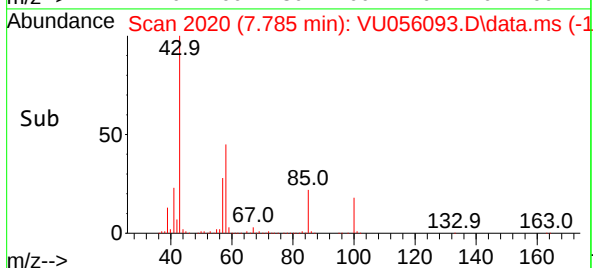
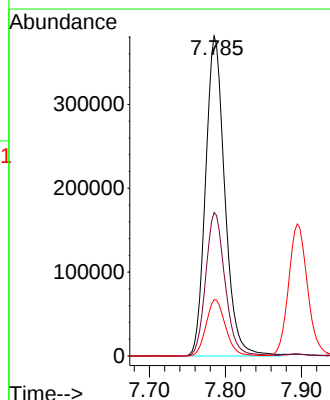
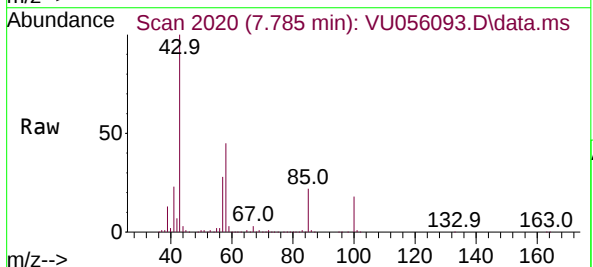
Instrument :
 MSVOA_U
 ClientSampleId :

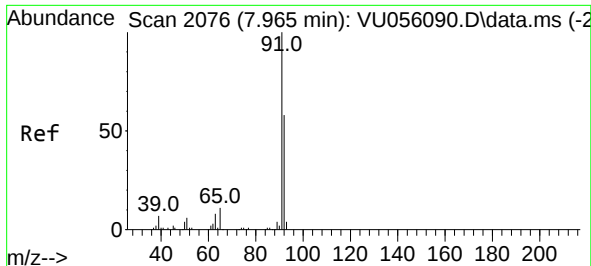
Tgt Ion: 75 Resp: 211094
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 56.742 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU056093.D
 Acq: 07 Nov 2023 11:39

Tgt Ion: 43 Resp: 670182
 Ion Ratio Lower Upper
 43 100
 58 45.2 36.0 54.0
 100 17.8 14.2 21.4





#42

Toluene

Concen: 5.564 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

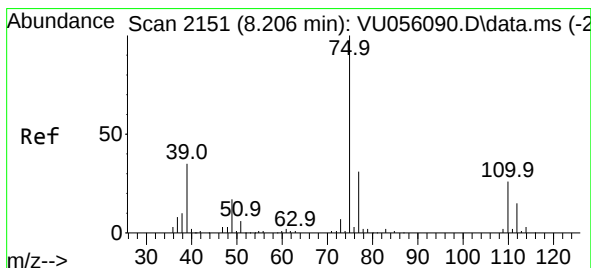
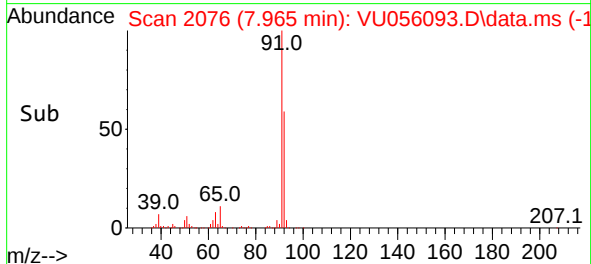
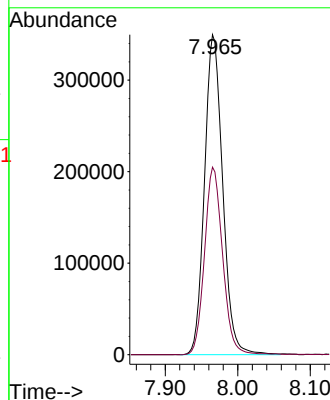
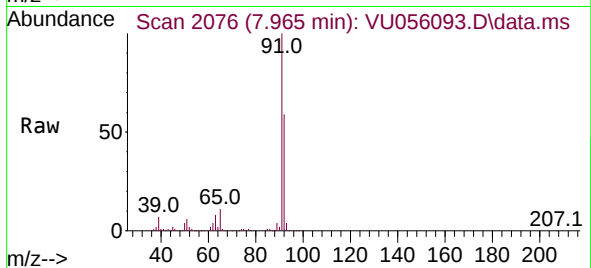
ClientSampleId :

Tgt Ion: 91 Resp: 609078

Ion Ratio Lower Upper

91 100

92 58.6 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.586 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056093.D

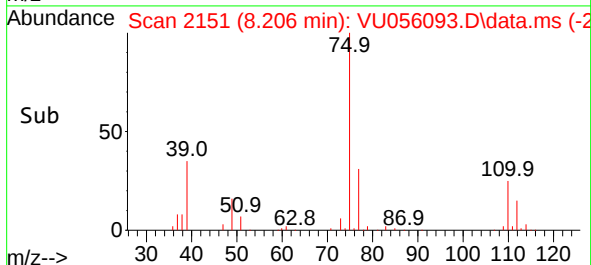
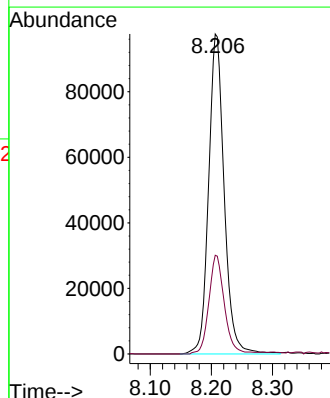
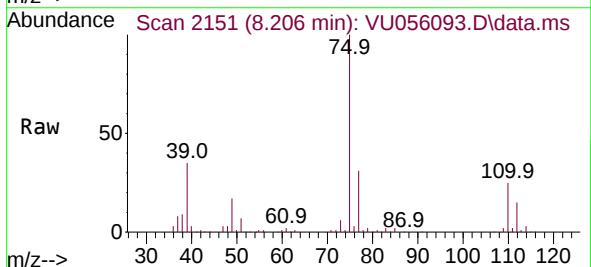
Acq: 07 Nov 2023 11:39

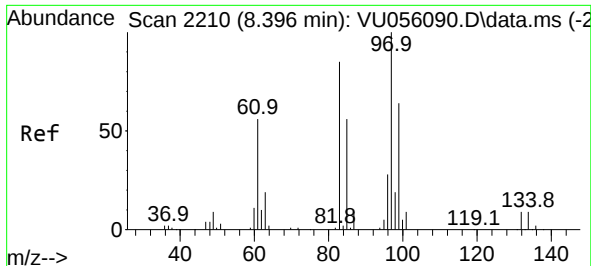
Tgt Ion: 75 Resp: 172370

Ion Ratio Lower Upper

75 100

77 30.9 21.7 40.3

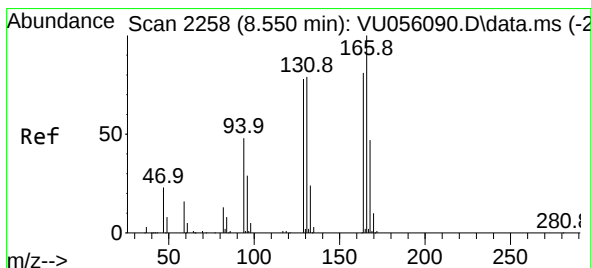
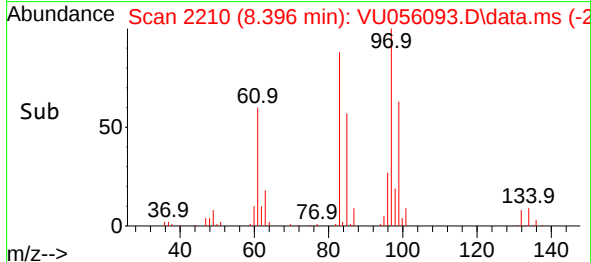
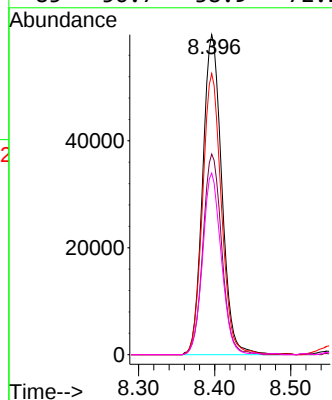
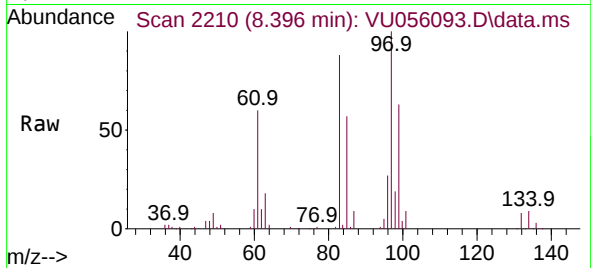




#45
1,1,2-Trichloroethane
Concen: 5.664 ug/L
RT: 8.396 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

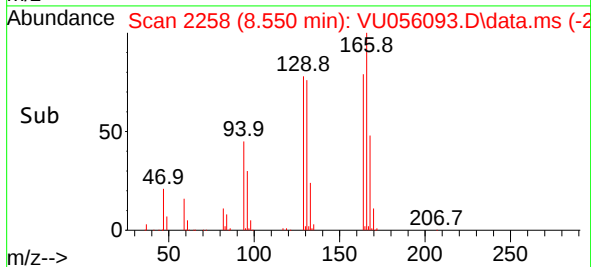
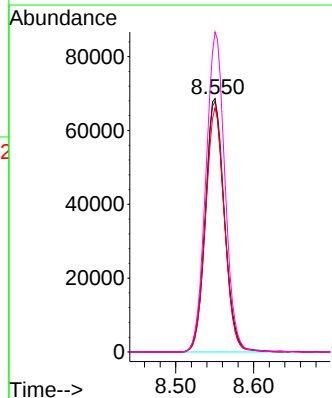
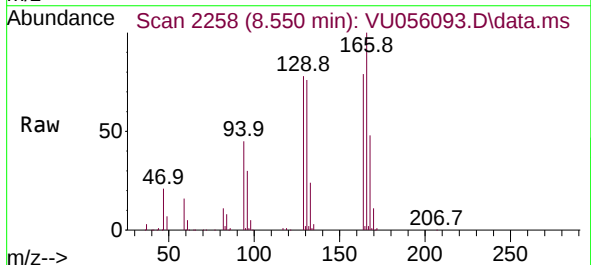
Instrument :
MSVOA_U
ClientSampleId :

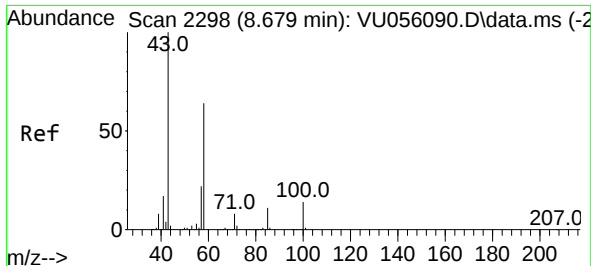
Tgt Ion: 97	Resp: 104550
Ion Ratio	Lower Upper
97 100	
99 62.7	44.7 82.9
83 87.8	59.4 110.2
85 56.7	38.9 72.2



#47
Tetrachloroethene
Concen: 5.444 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt	Ion:164	Resp:	115888
Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.6	123.8
131	96.3	67.8	126.0
166	126.3	85.9	159.5

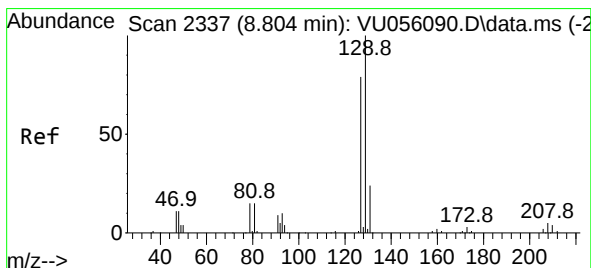
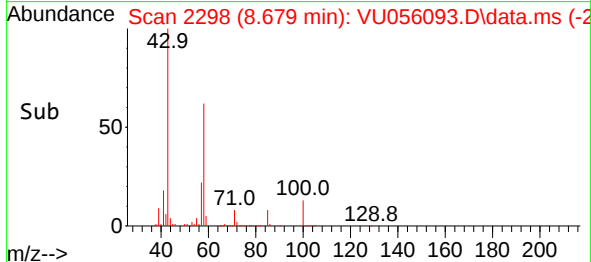
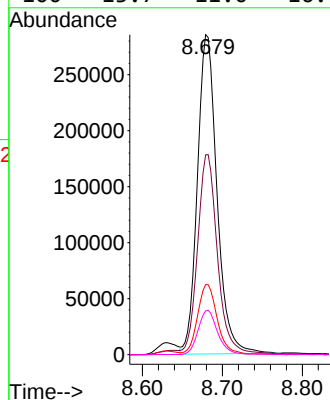
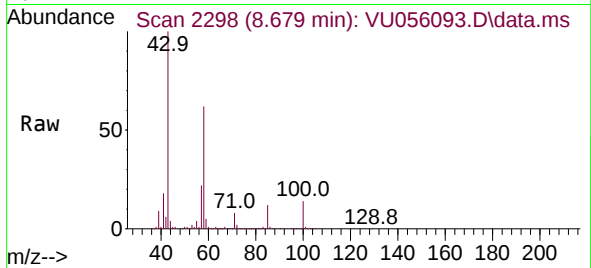




#48
2-Hexanone
Concen: 56.734 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

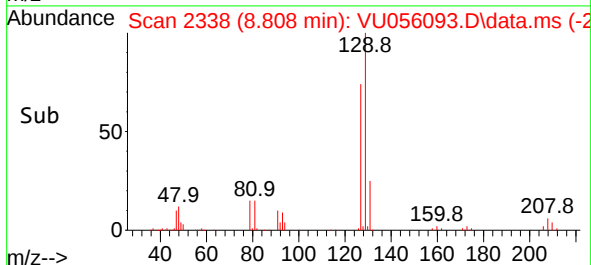
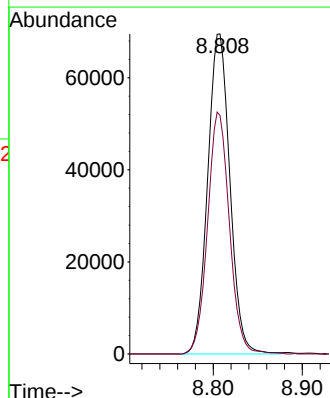
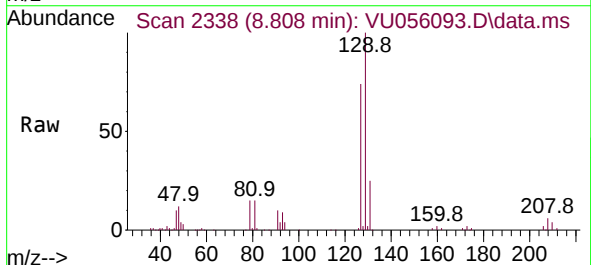
Instrument :
MSVOA_U
ClientSampleId :

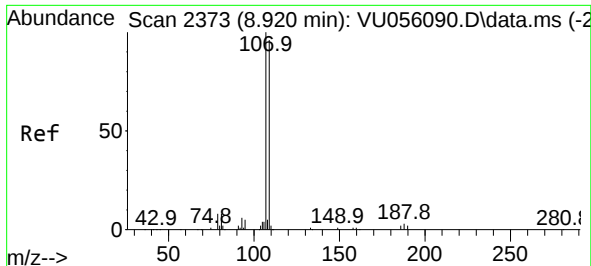
Tgt Ion: 43 Resp: 487885
Ion Ratio Lower Upper
43 100
58 63.5 52.0 78.0
57 21.7 17.4 26.2
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 5.686 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 129 Resp: 120437
Ion Ratio Lower Upper
129 100
127 74.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.548 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

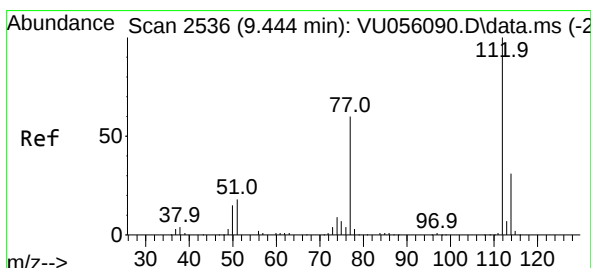
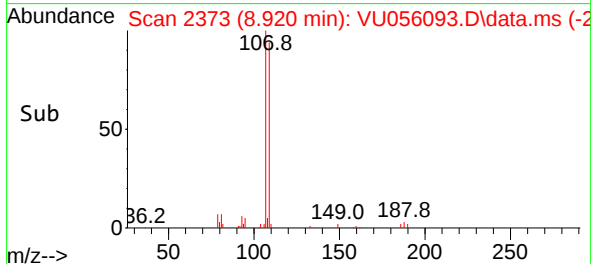
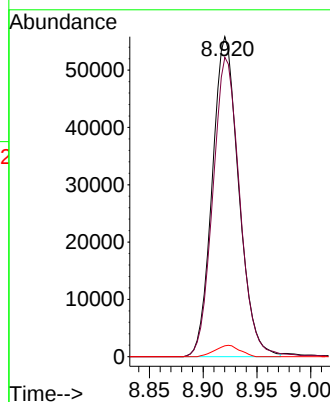
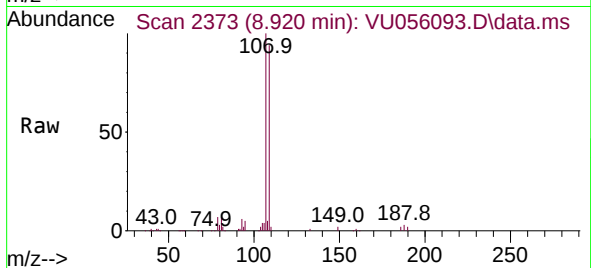
Tgt Ion:107 Resp: 95689

Ion Ratio Lower Upper

107 100

109 93.5 66.9 124.3

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 5.435 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

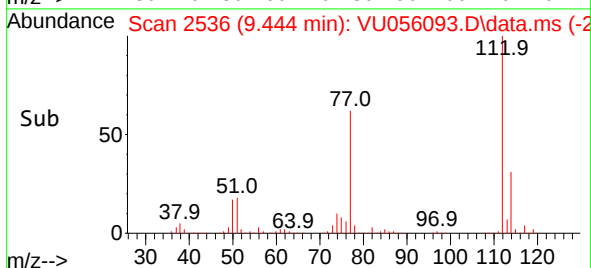
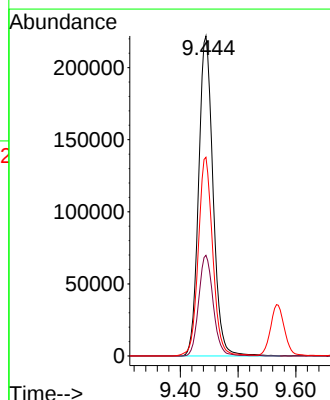
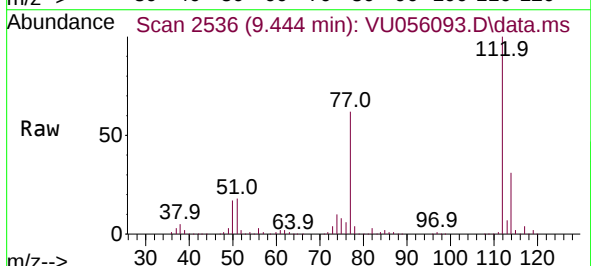
Tgt Ion:112 Resp: 383862

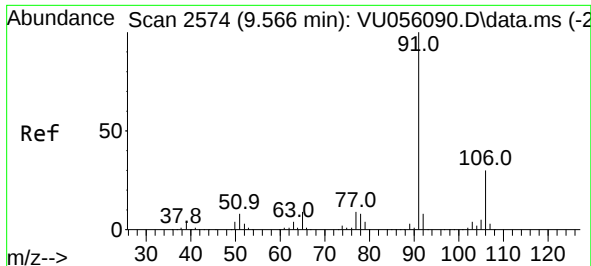
Ion Ratio Lower Upper

112 100

114 31.5 21.8 40.4

77 62.1 48.2 72.4

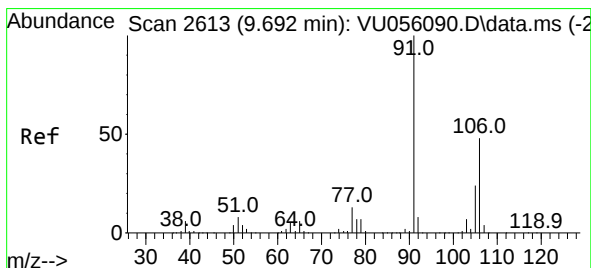
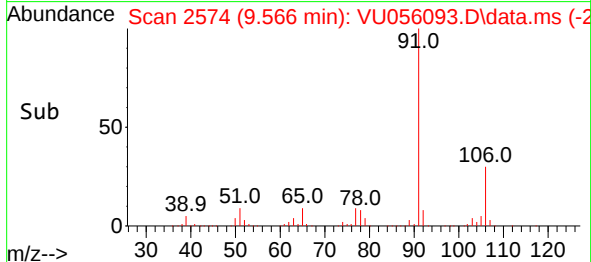
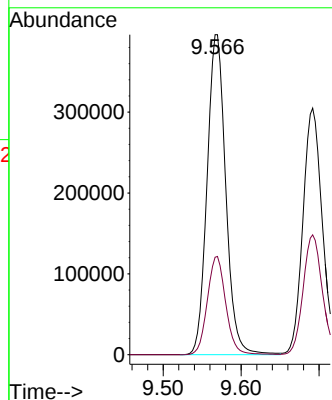
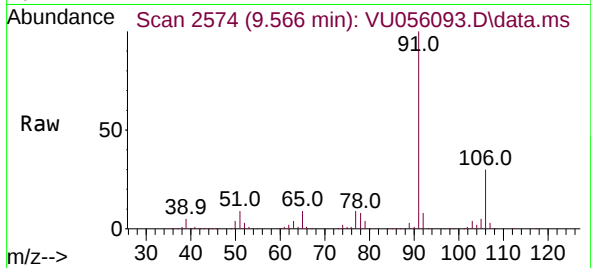




#52
Ethylbenzene
Concen: 5.524 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

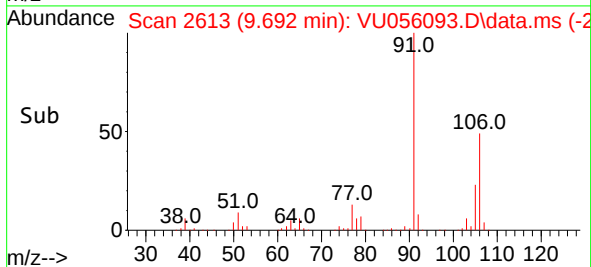
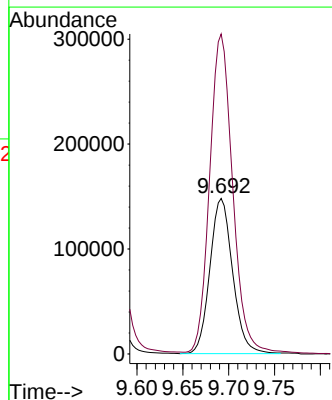
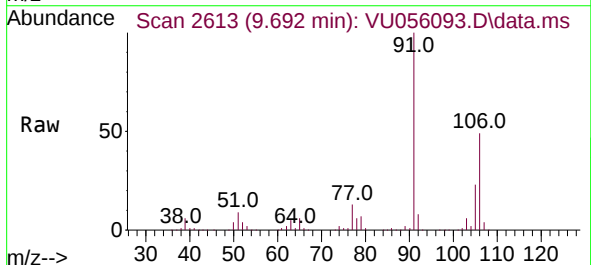
Instrument :
MSVOA_U
ClientSampleId :

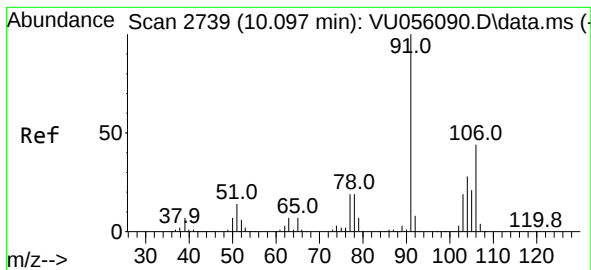
Tgt Ion: 91 Resp: 658955
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 5.616 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion: 106 Resp: 254799
Ion Ratio Lower Upper
106 100
91 205.7 144.9 269.1





#54

o-Xylene

Concen: 5.631 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

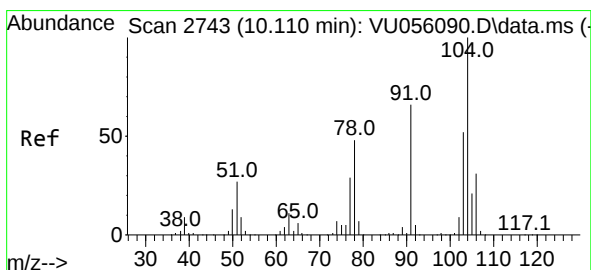
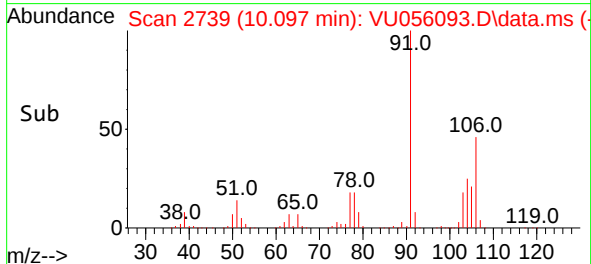
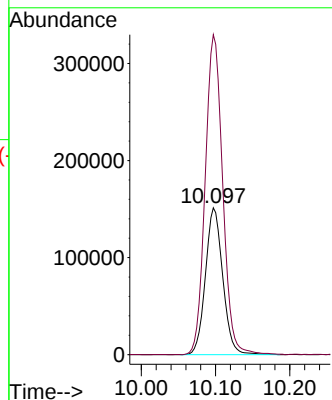
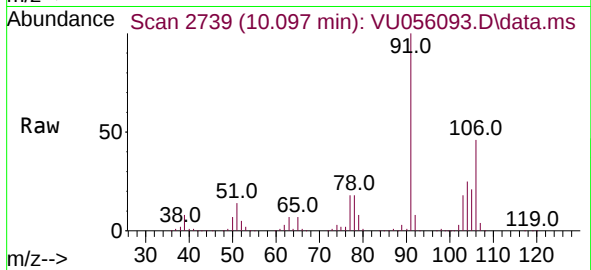
ClientSampleId :

Tgt Ion:106 Resp: 244882

Ion Ratio Lower Upper

106 100

91 217.8 158.2 293.8



#55

Styrene

Concen: 5.850 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU056093.D

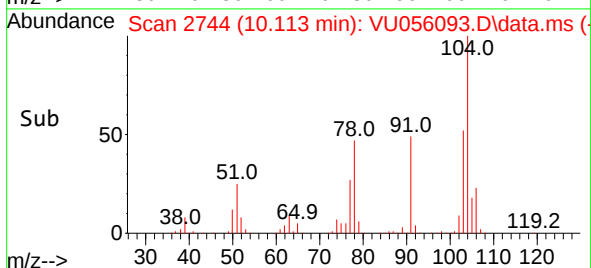
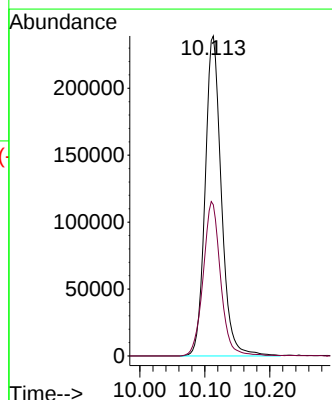
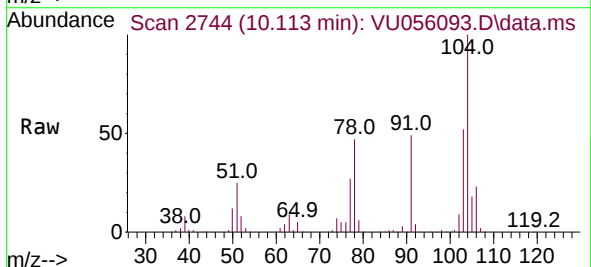
Acq: 07 Nov 2023 11:39

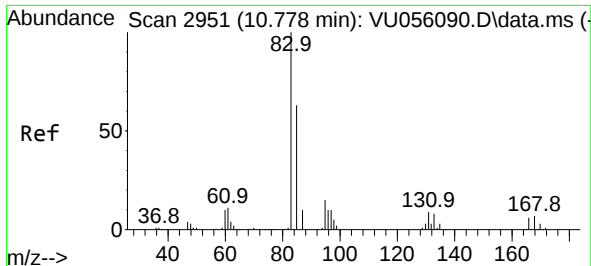
Tgt Ion:104 Resp: 416197

Ion Ratio Lower Upper

104 100

78 47.2 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.416 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

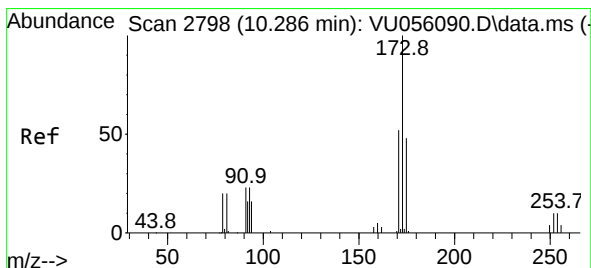
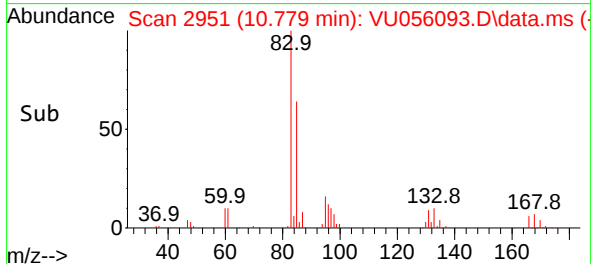
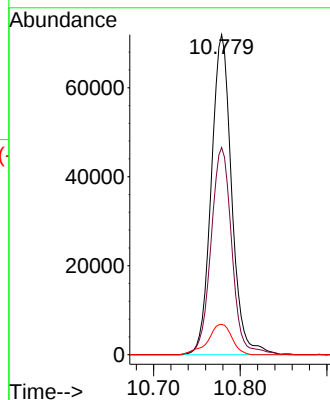
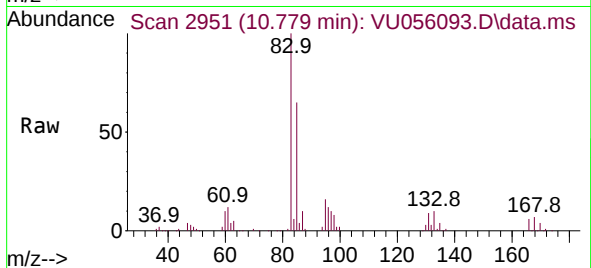
Tgt Ion: 83 Resp: 117497

Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8

131 9.4 7.4 11.2



#59

Bromoform

Concen: 5.432 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

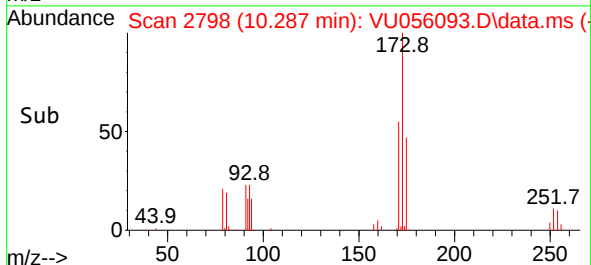
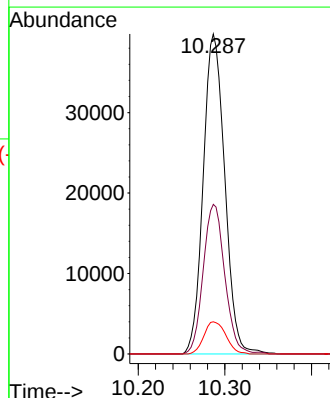
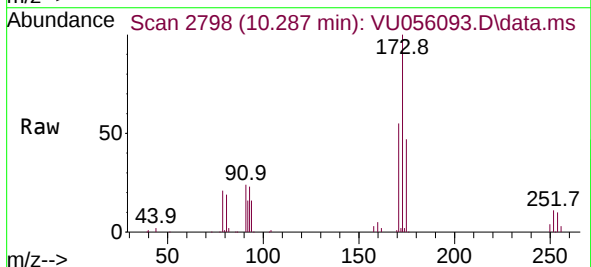
Tgt Ion:173 Resp: 68707

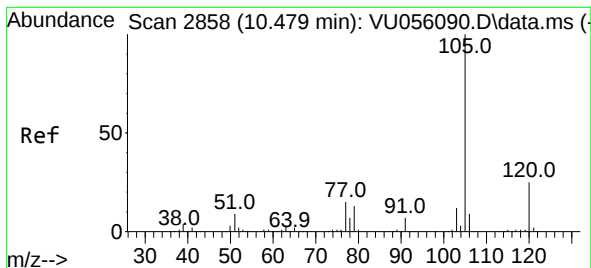
Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.4

254 10.3 8.2 12.2





#60

Isopropylbenzene

Concen: 5.473 ug/L

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

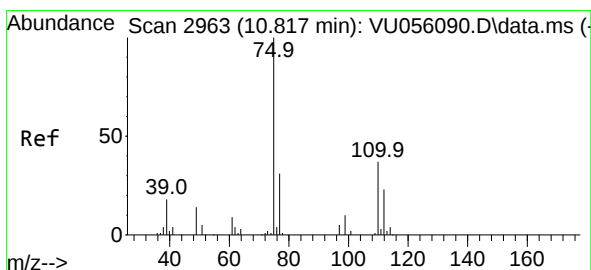
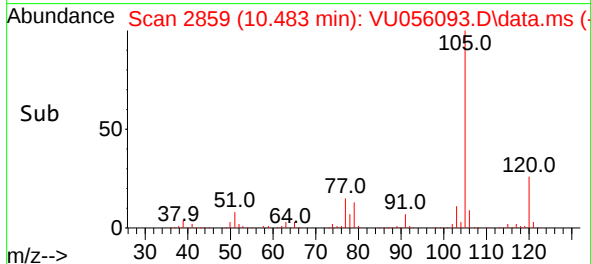
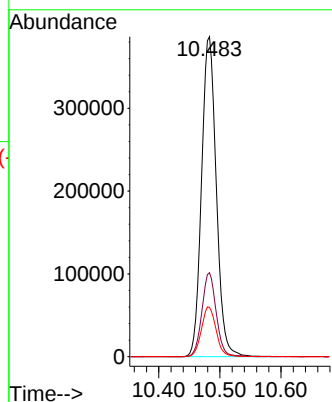
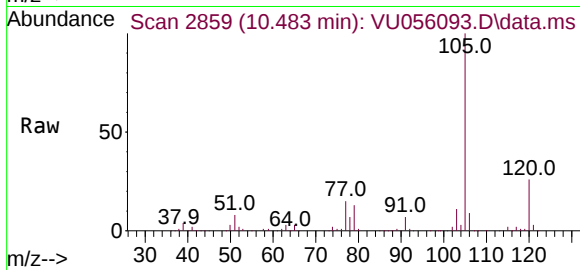
Tgt Ion:105 Resp: 646251

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.396 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

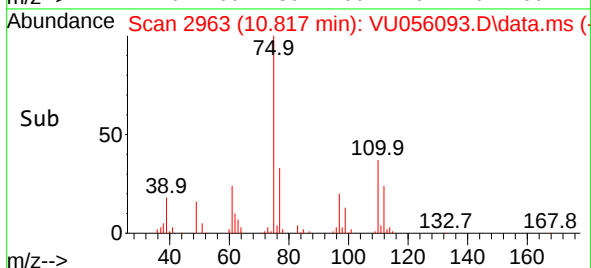
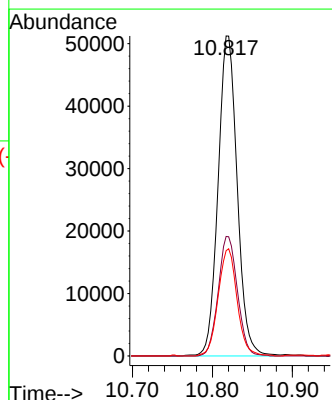
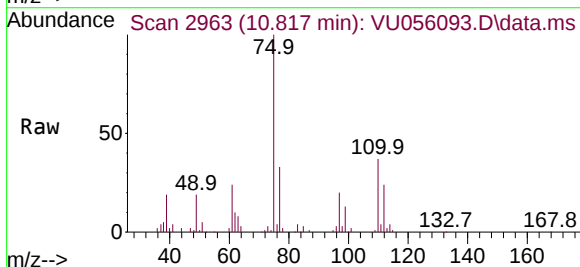
Tgt Ion: 75 Resp: 84823

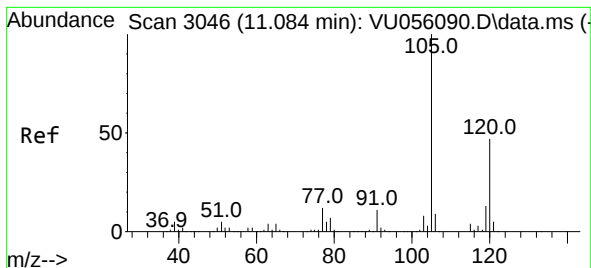
Ion Ratio Lower Upper

75 100

110 37.4 29.7 44.5

77 33.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.515 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

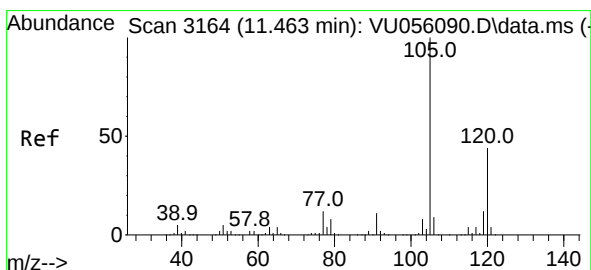
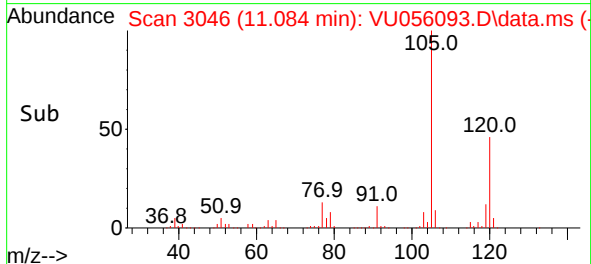
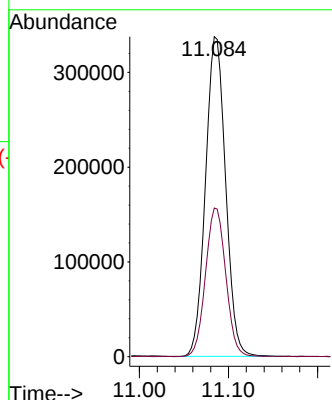
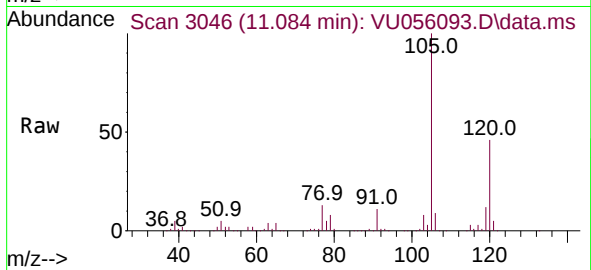
ClientSampleId :

Tgt Ion:105 Resp: 528110

Ion Ratio Lower Upper

105 100

120 47.0 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.612 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056093.D

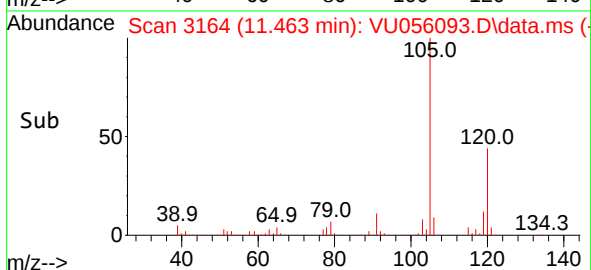
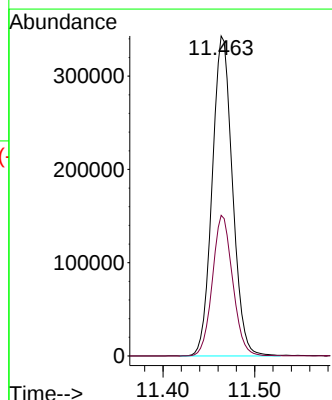
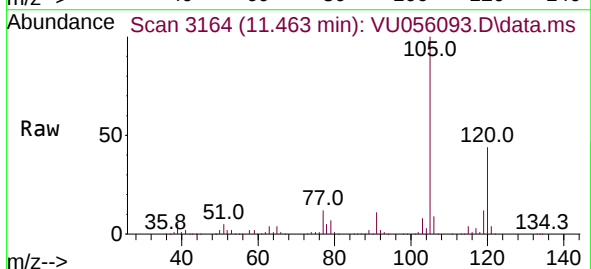
Acq: 07 Nov 2023 11:39

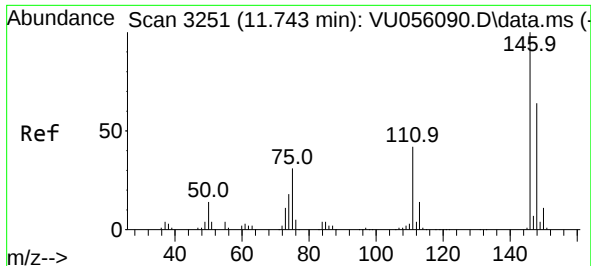
Tgt Ion:105 Resp: 527153

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.0

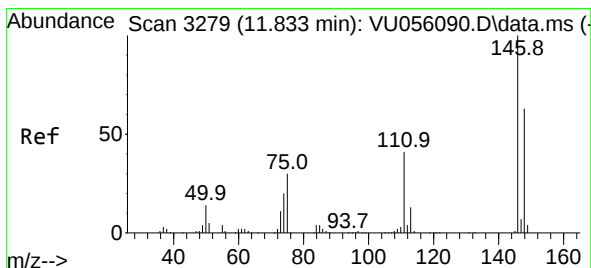
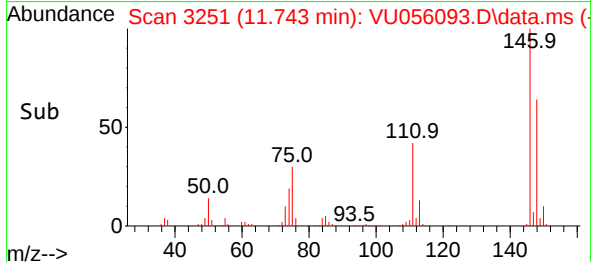
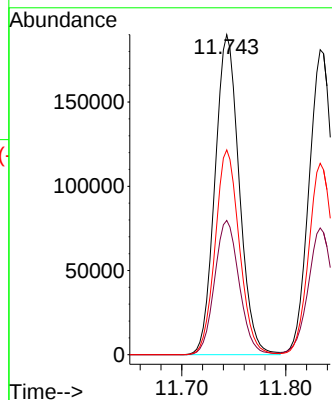
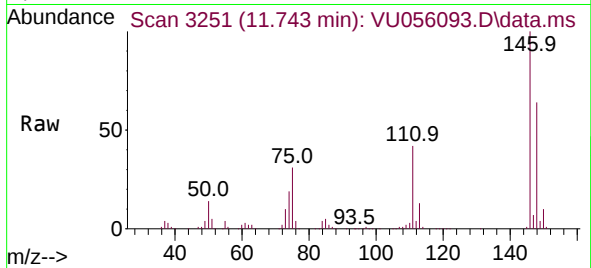




#64
1,3-Dichlorobenzene
Concen: 5.514 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

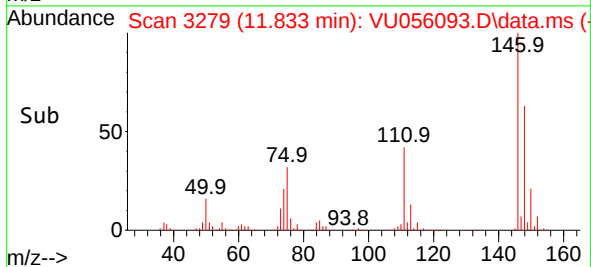
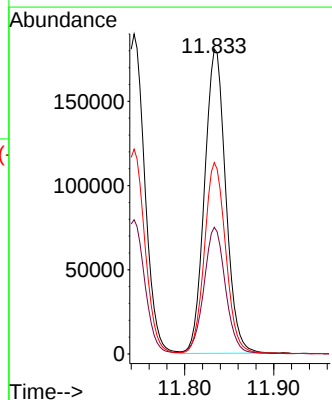
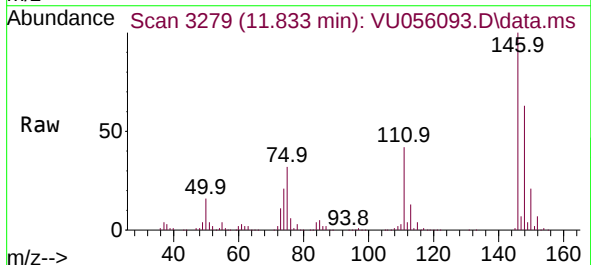
Instrument :
MSVOA_U
ClientSampleId :

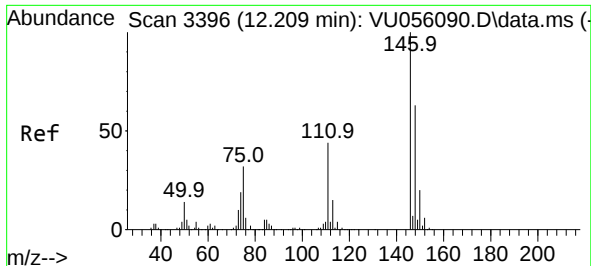
Tgt Ion:146 Resp: 308362
Ion Ratio Lower Upper
146 100
111 41.9 29.7 55.1
148 64.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.408 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion:146 Resp: 299056
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.8
148 62.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.435 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

Instrument :

MSVOA_U

ClientSampleId :

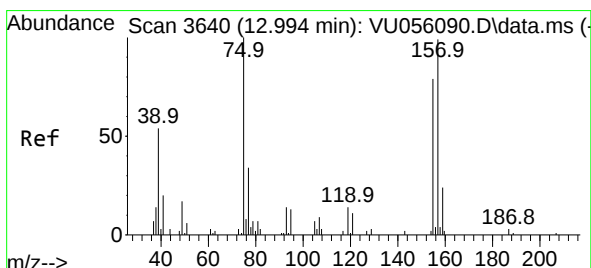
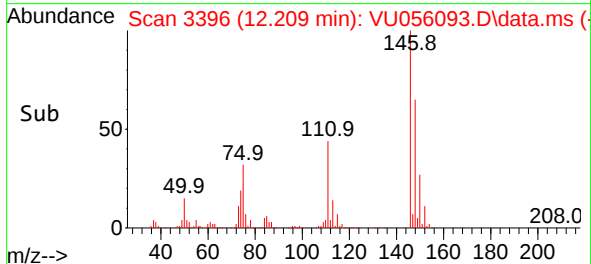
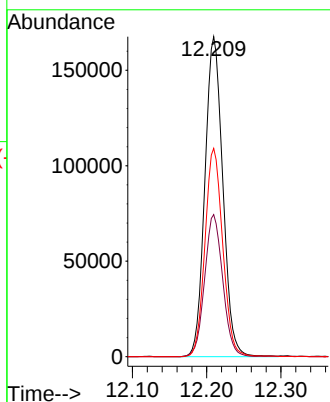
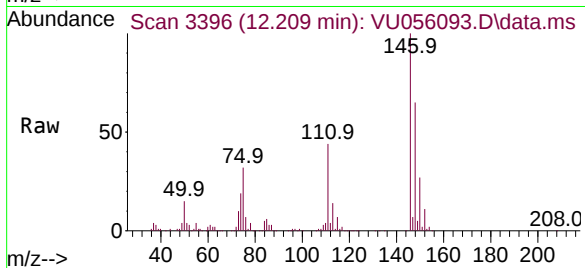
Tgt Ion:146 Resp: 280111

Ion Ratio Lower Upper

146 100

111 44.4 35.2 52.8

148 65.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.335 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056093.D

Acq: 07 Nov 2023 11:39

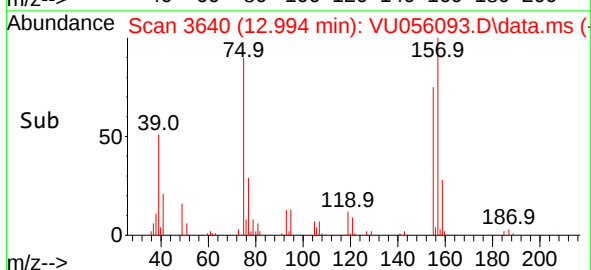
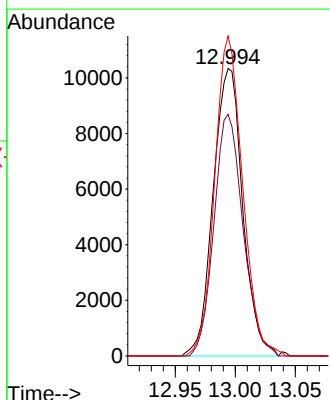
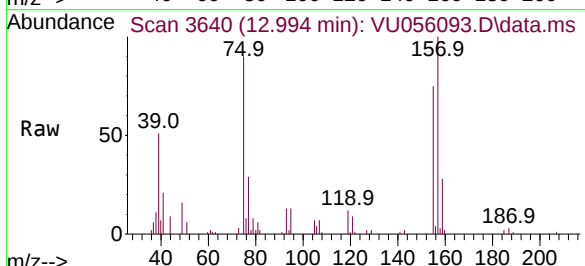
Tgt Ion: 75 Resp: 17691

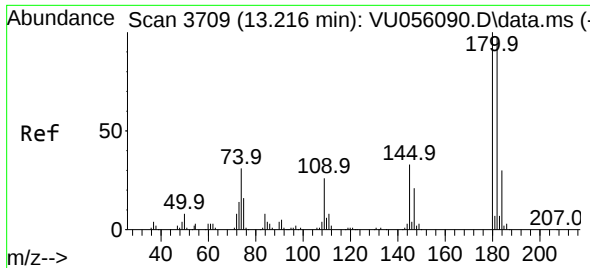
Ion Ratio Lower Upper

75 100

155 84.0 63.3 94.9

157 111.3 79.1 118.7

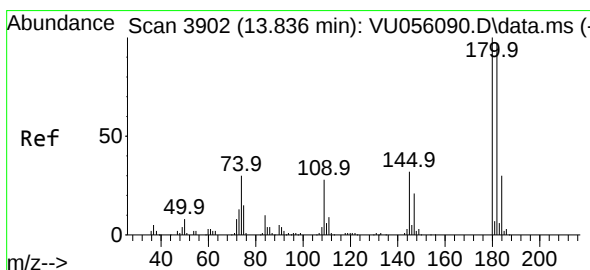
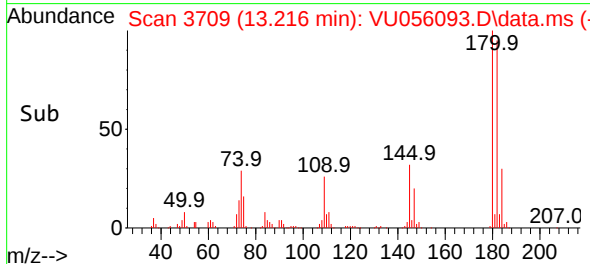
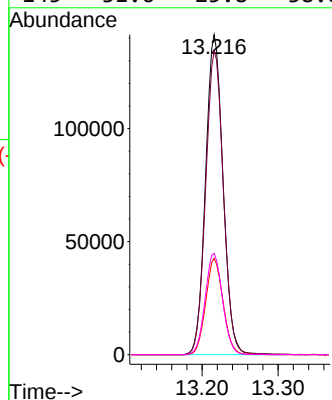
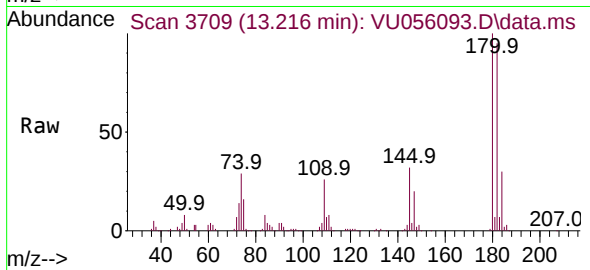




#69
1,3,5-Trichlorobenzene
Concen: 5.398 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

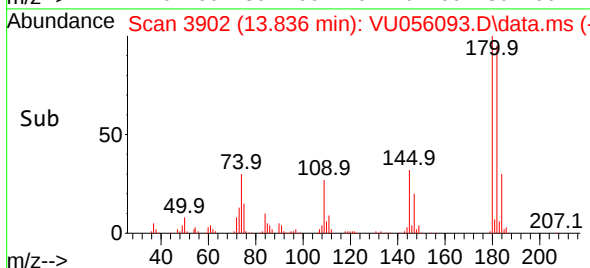
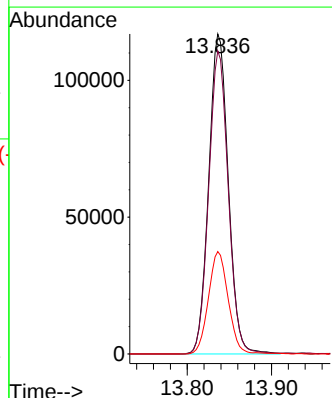
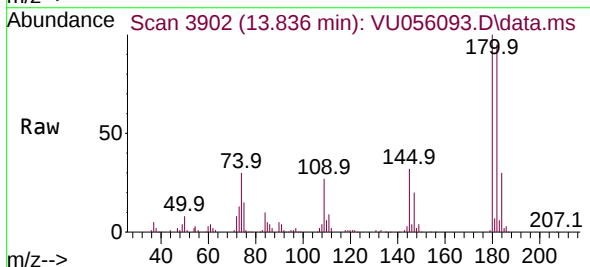
Instrument :
MSVOA_U
ClientSampleId :

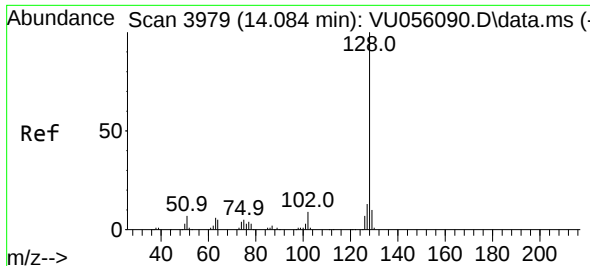
Tgt Ion:180 Resp: 226109
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
184 29.9 24.0 36.0
145 31.6 25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 5.689 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion:180 Resp: 189054
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.2
145 32.3 25.9 38.9

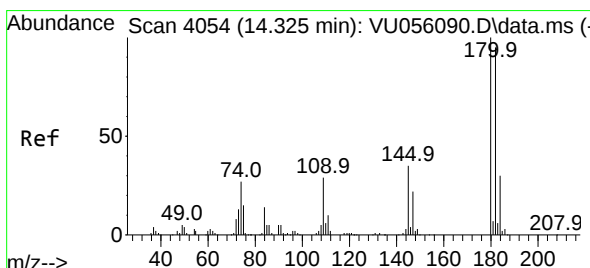
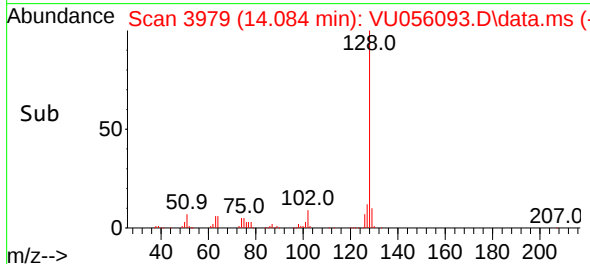
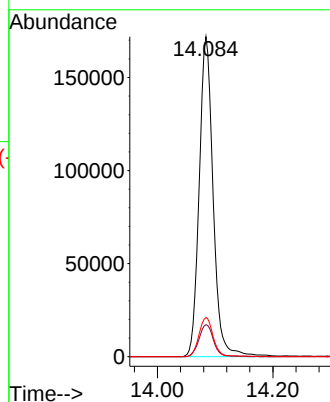
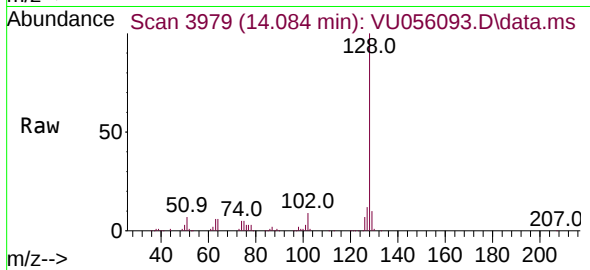




#71
Naphthalene
Concen: 5.850 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 288328
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.694 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056093.D
Acq: 07 Nov 2023 11:39

Tgt Ion:180 Resp: 165904
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 34.8 28.0 42.0

