

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055865.D
 Acq On : 24 Oct 2023 11:53
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:25:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	383113	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	190474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	153574	5.067	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.911	69	112957	4.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.600%		
11) 1,1-Dichloroethene-d2	2.563	65	65424	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	4.628	46	285188	52.748	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.500%		
24) Chloroform-d	5.058	84	285458	5.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.698	65	138323	5.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
32) Benzene-d6	5.724	84	570085	5.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
36) 1,2-Dichloropropane-d6	6.685	67	168624	5.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.600%		
41) Toluene-d8	7.894	98	524694	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
43) trans-1,3-Dichloroprop...	8.177	79	65934	5.125	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.600%		
46) 2-Hexanone-d5	8.631	63	174913	53.563	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.120%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124468	5.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	191129	5.378	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	116056	5.315	ug/L	99
3) Chloromethane	1.518	50	106847	5.125	ug/L	96
5) Vinyl chloride	1.602	62	120510	5.248	ug/L	97
6) Bromomethane	1.856	94	72595	5.103	ug/L	97
8) Chloroethane	1.933	64	69930	5.197	ug/L	98
9) Trichlorofluoromethane	2.136	101	174979	5.525	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	112239	5.395	ug/L	99
12) 1,1-Dichloroethene	2.579	96	98417	5.300	ug/L	94
13) Acetone	2.637	43	165767	53.804	ug/L	98
14) Carbon disulfide	2.792	76	251277	5.285	ug/L	99
15) Methyl Acetate	2.952	43	35019	5.579	ug/L	98
16) Methylene chloride	3.042	84	112849	5.364	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	242615	5.384	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	100396	5.453	ug/L	99
19) 1,1-Dichloroethane	3.865	63	197962	5.296	ug/L	98
21) 2-Butanone	4.708	43	251905	55.620	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	118447	5.314	ug/L	97
23) Bromochloromethane	4.975	128	48557	5.347	ug/L	99
25) Chloroform	5.084	83	213069	5.316	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055865.D
 Acq On : 24 Oct 2023 11:53
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:25:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

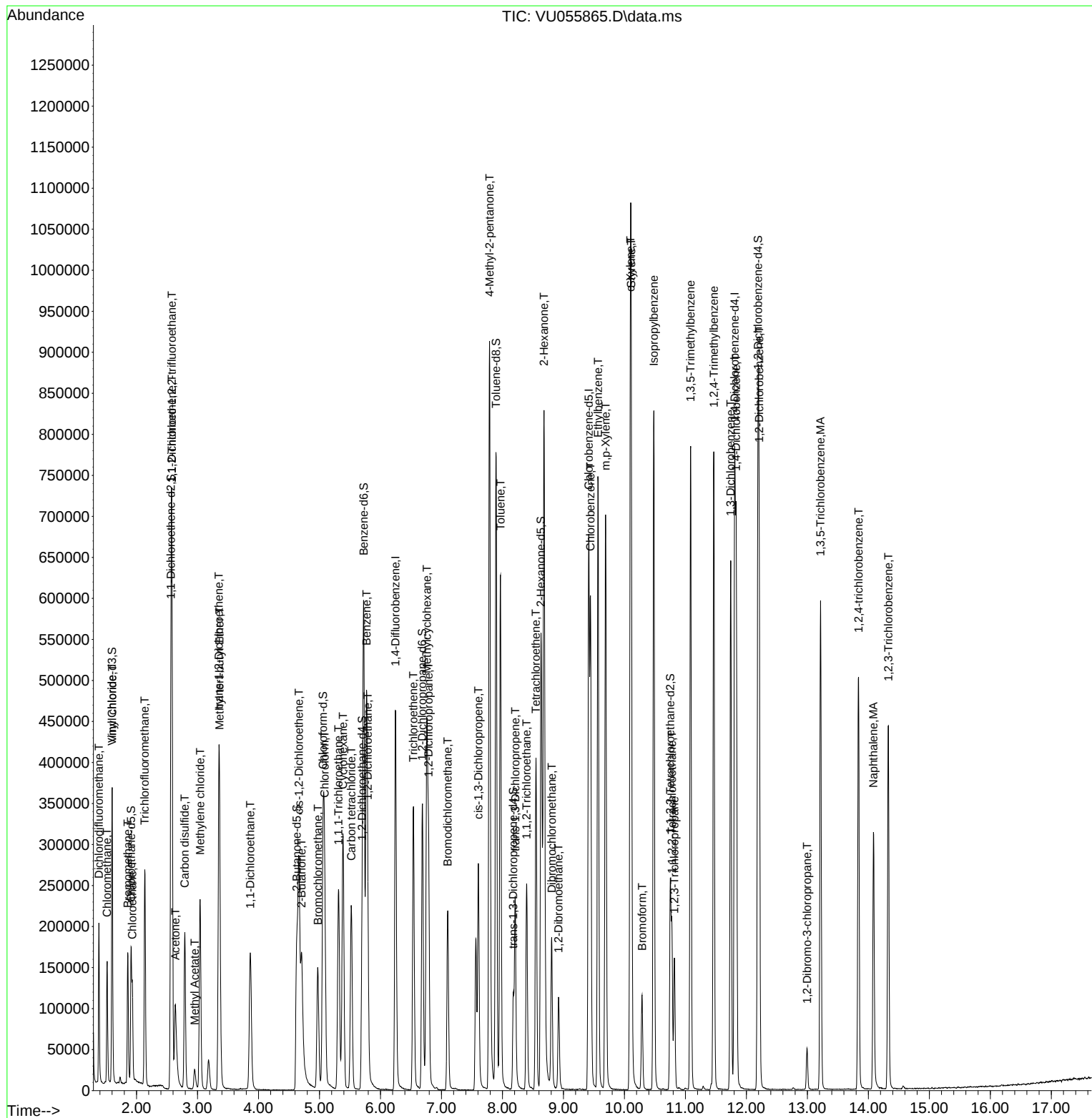
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	120723	5.126	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	183325	5.400	ug/L	98
30) Cyclohexane	5.386	56	159564	5.571	ug/L	98
31) Carbon tetrachloride	5.521	117	157040	5.423	ug/L	97
33) Benzene	5.772	78	437319	5.320	ug/L	100
34) Trichloroethene	6.541	95	124021	5.394	ug/L	99
35) Methylcyclohexane	6.762	83	174927	5.637	ug/L	97
37) 1,2-Dichloropropane	6.788	63	112418	5.151	ug/L	99
38) Bromodichloromethane	7.103	83	146645	5.352	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	174885	5.625	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	601855	57.205	ug/L	99
42) Toluene	7.968	91	475525	5.535	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	138570	5.521	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	81377	5.303	ug/L	97
47) Tetrachloroethene	8.550	164	87853	5.456	ug/L	97
48) 2-Hexanone	8.682	43	542211	65.544	ug/L	99
49) Dibromochloromethane	8.807	129	95035	5.641	ug/L	99
50) 1,2-Dibromoethane	8.920	107	74770	5.369	ug/L	97
51) Chlorobenzene	9.444	112	305667	5.429	ug/L	99
52) Ethylbenzene	9.569	91	536903	5.513	ug/L	98
53) m,p-Xylene	9.692	106	206775	5.682	ug/L	96
54) o-Xylene	10.100	106	198253	5.567	ug/L	99
55) Styrene	10.113	104	339029	5.939	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	95370	5.369	ug/L	97
59) Bromoform	10.290	173	53426	5.514	ug/L	99
60) Isopropylbenzene	10.483	105	545477	5.747	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	70819	5.416	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	442748	5.708	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	434515	6.030	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	258276	5.740	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	257599	5.737	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	236051	5.714	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	14783	6.336	ug/L	85
69) 1,3,5-Trichlorobenzene	13.216	180	185039	6.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	154524	6.800	ug/L	100
71) Naphthalene	14.084	128	265483	8.067	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	133087	6.793	ug/L	98

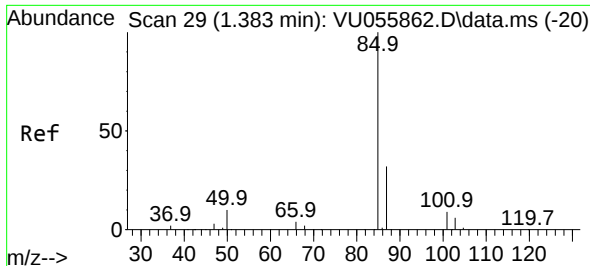
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
Data File : VU055865.D
Acq On : 24 Oct 2023 11:53
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 25 05:25:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:19:13 2023
Response via : Initial Calibration

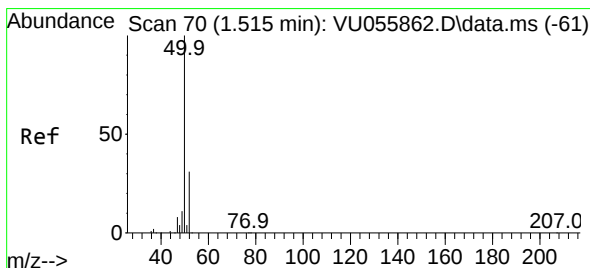
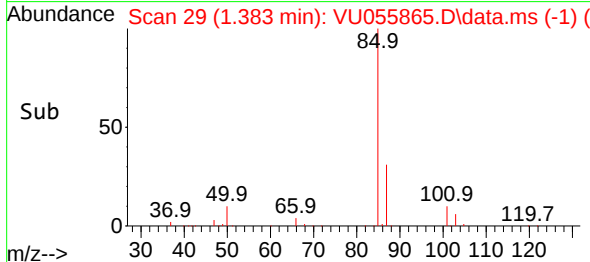
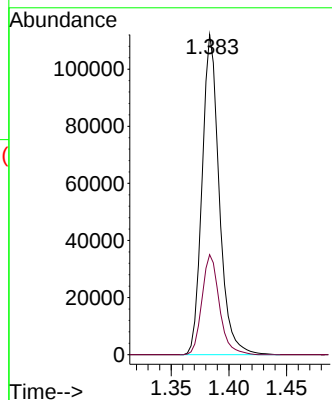
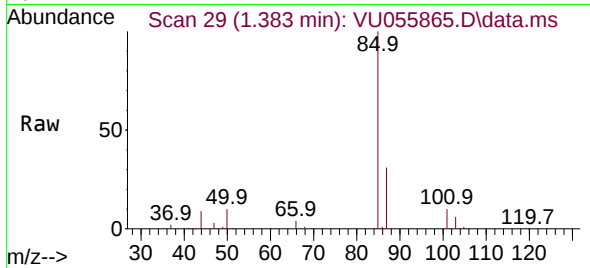




#2
Dichlorodifluoromethane
Concen: 5.315 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

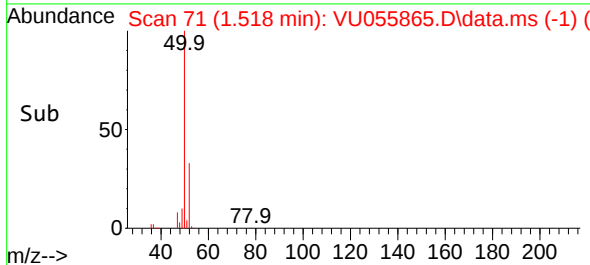
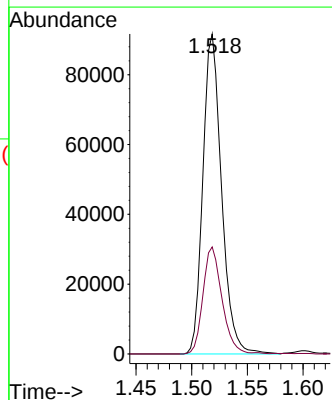
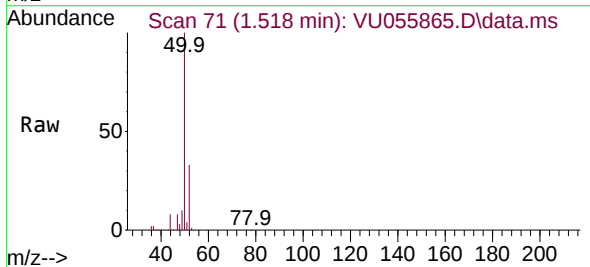
Instrument :
MSVOA_U
ClientSampleId :

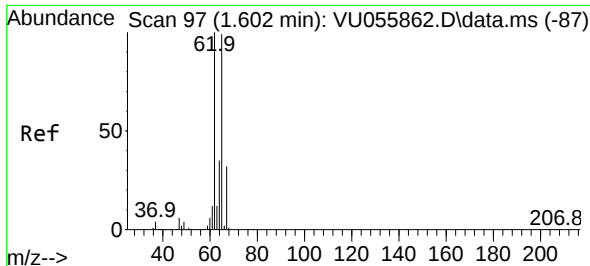
Tgt Ion: 85 Resp: 116056
Ion Ratio Lower Upper
85 100
87 31.7 25.0 37.4



#3
Chloromethane
Concen: 5.125 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

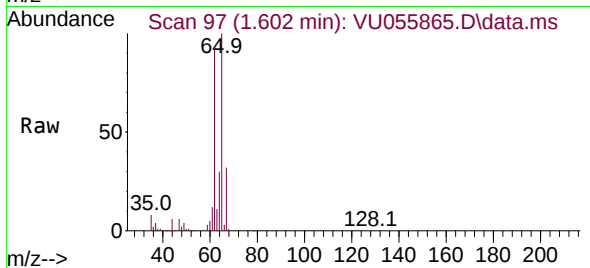
Tgt Ion: 50 Resp: 106847
Ion Ratio Lower Upper
50 100
52 33.4 22.0 40.8



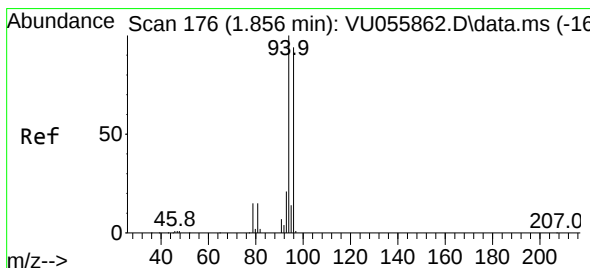
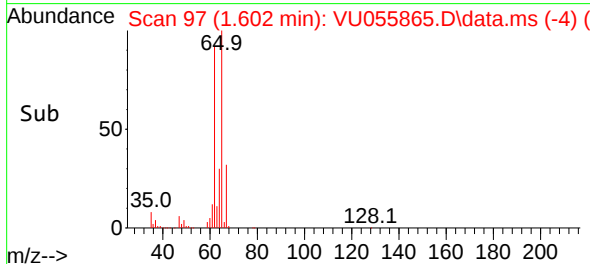
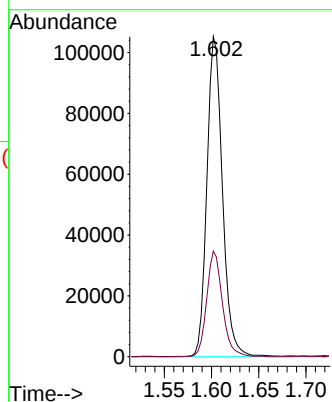


#5
 Vinyl chloride
 Concen: 5.248 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53

Instrument :
 MSVOA_U
 ClientSampleId :

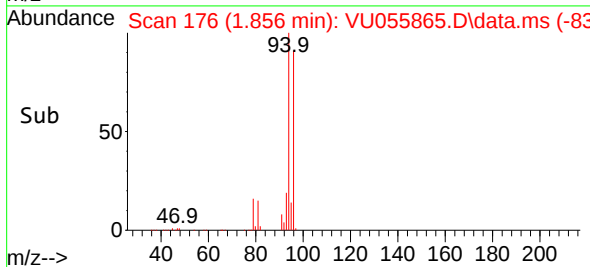
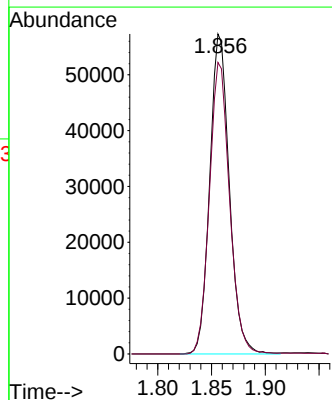
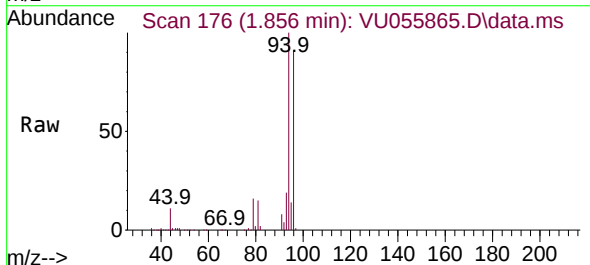


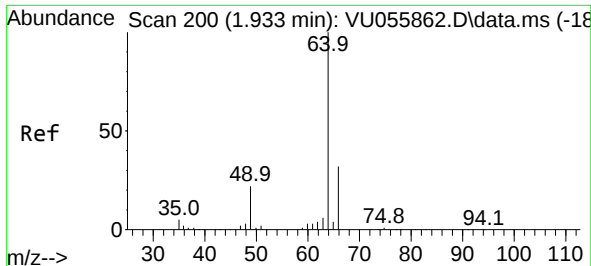
Tgt Ion: 62 Resp: 120510
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 5.103 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53

Tgt Ion: 94 Resp: 72595
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.9 122.5

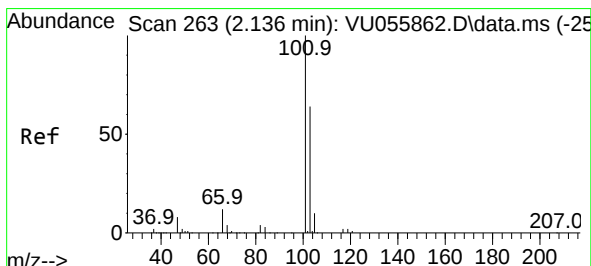
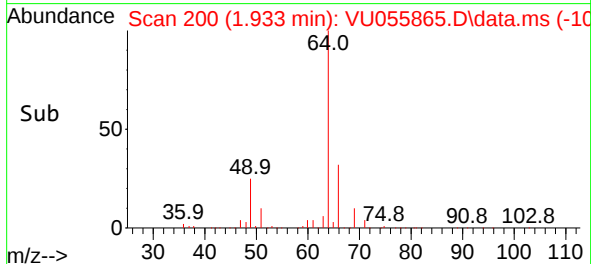
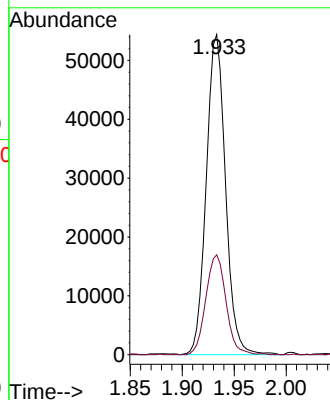
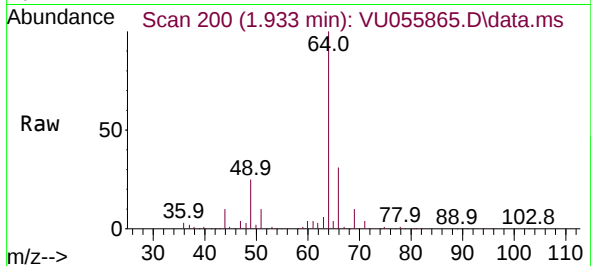




#8
Chloroethane
Concen: 5.197 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

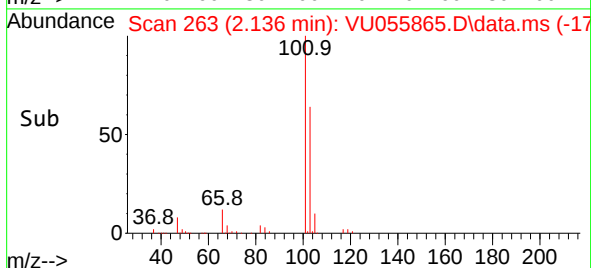
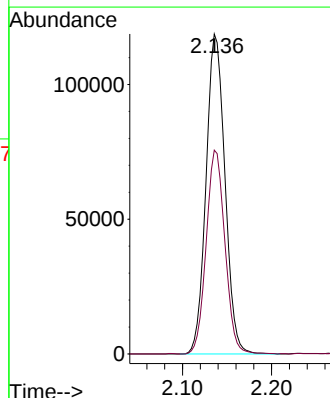
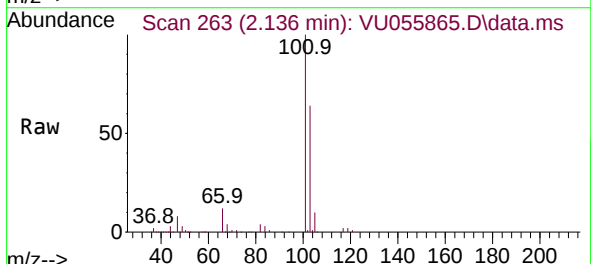
Instrument :
MSVOA_U
ClientSampleId :

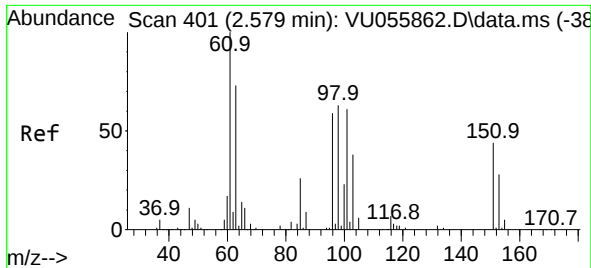
Tgt Ion: 64 Resp: 69930
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.525 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:101 Resp: 174979
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.2

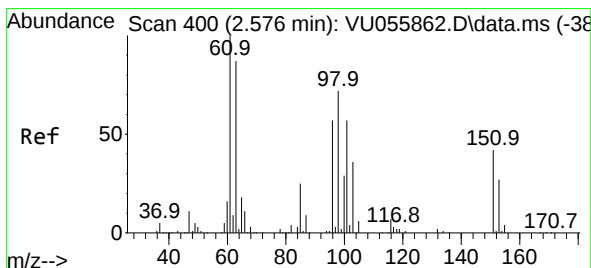
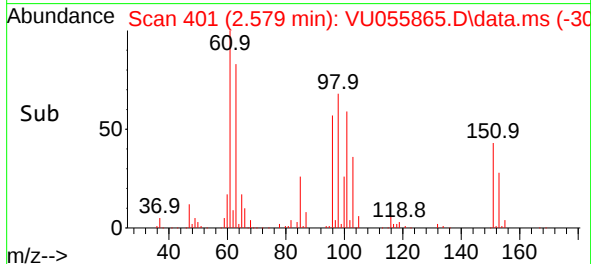
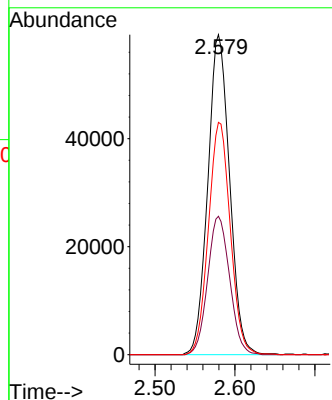
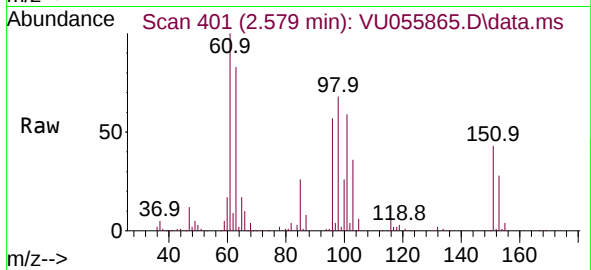




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.395 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53

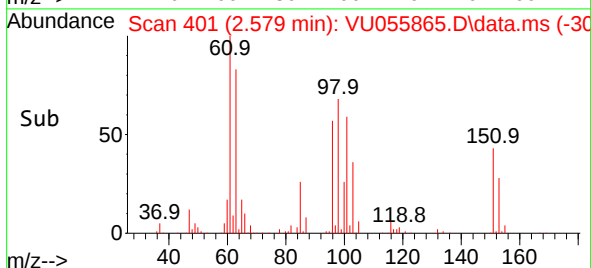
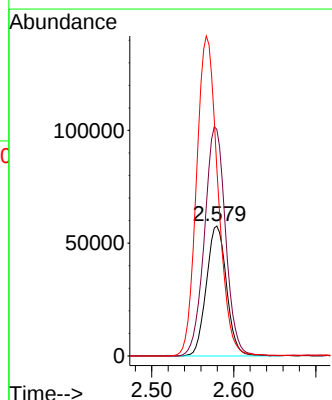
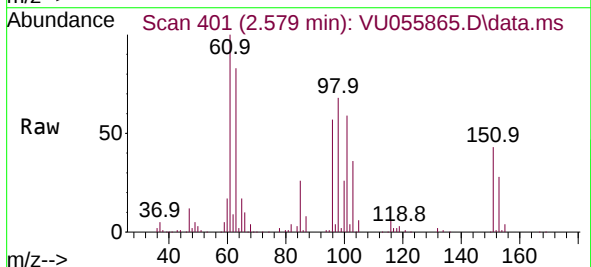
Instrument :
 MSVOA_U
 ClientSampleId :

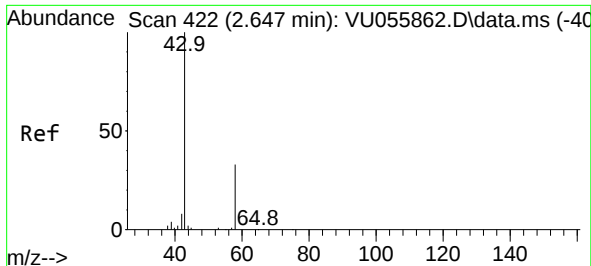
Tgt Ion:101 Resp: 112239
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.4 51.6
 151 72.8 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 5.300 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53

Tgt Ion: 96 Resp: 98417
 Ion Ratio Lower Upper
 96 100
 61 174.4 123.8 230.0
 63 144.3 111.0 206.2





#13

Acetone

Concen: 53.804 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

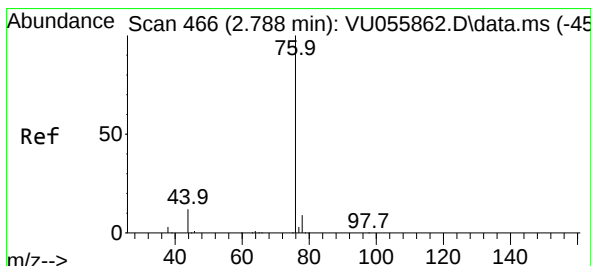
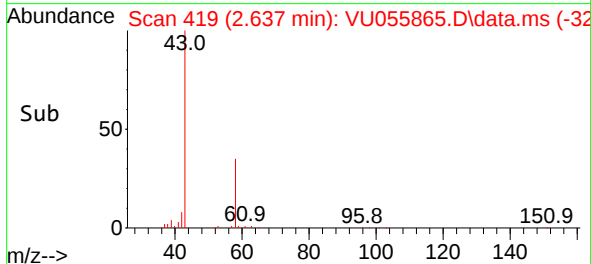
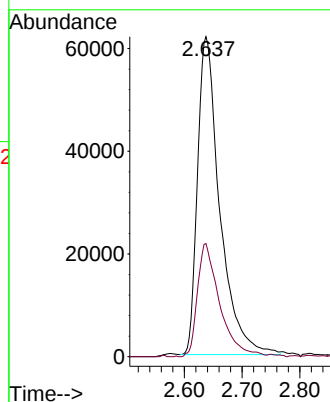
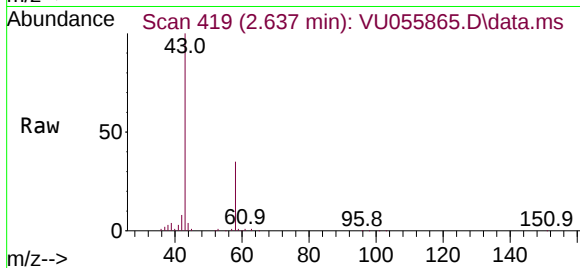
ClientSampleId :

Tgt Ion: 43 Resp: 165767

Ion Ratio Lower Upper

43 100

58 35.5 0.0 69.0



#14

Carbon disulfide

Concen: 5.285 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055865.D

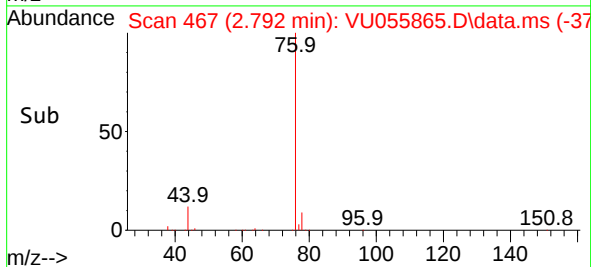
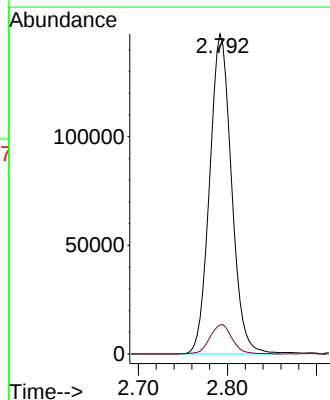
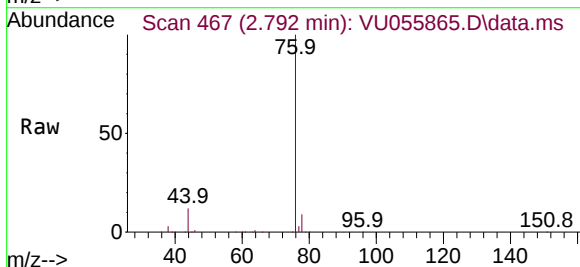
Acq: 24 Oct 2023 11:53

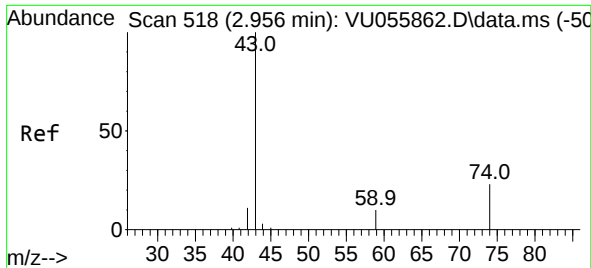
Tgt Ion: 76 Resp: 251277

Ion Ratio Lower Upper

76 100

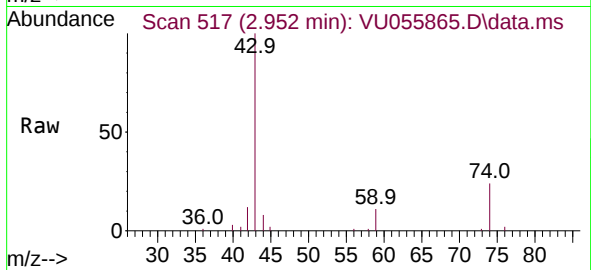
78 9.1 7.5 11.3



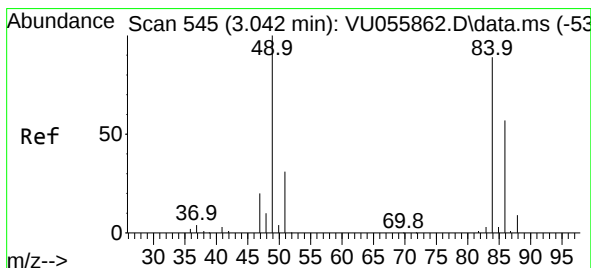
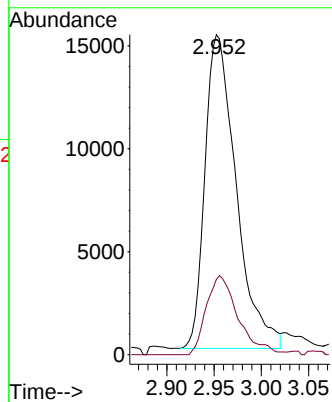
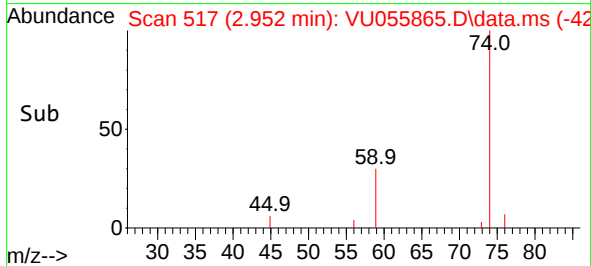


#15
Methyl Acetate
Concen: 5.579 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Instrument :
MSVOA_U
ClientSampleId :

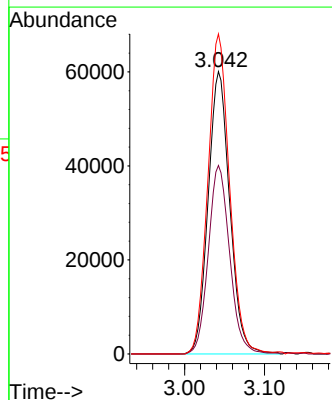
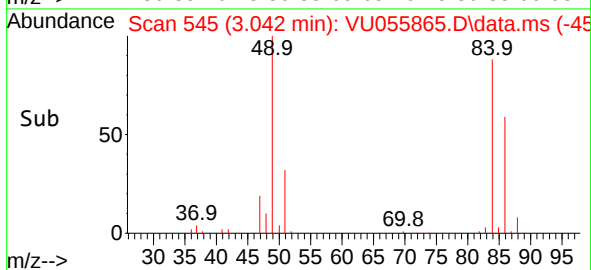
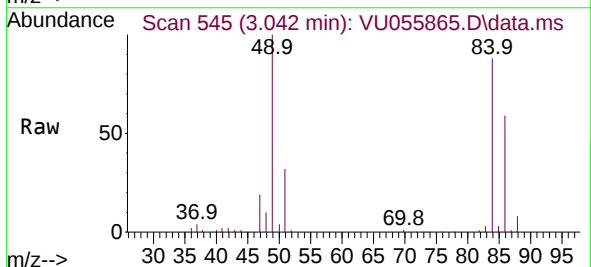


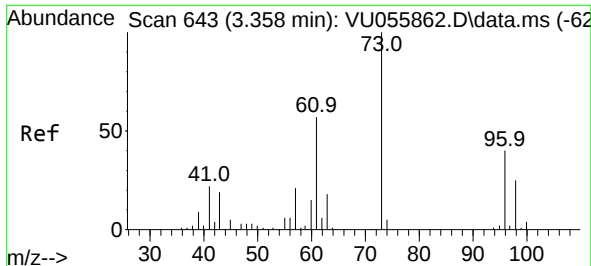
Tgt Ion: 43 Resp: 35019
Ion Ratio Lower Upper
43 100
74 25.8 19.9 29.9



#16
Methylene chloride
Concen: 5.364 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

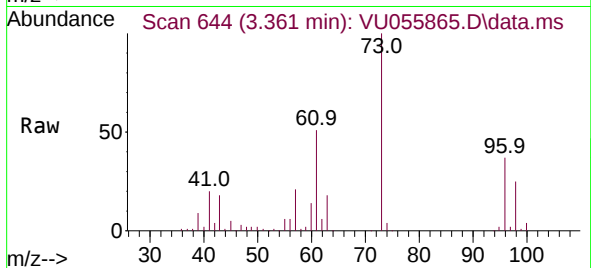
Tgt Ion: 84 Resp: 112849
Ion Ratio Lower Upper
84 100
86 66.7 45.2 84.0
49 113.3 78.8 146.3



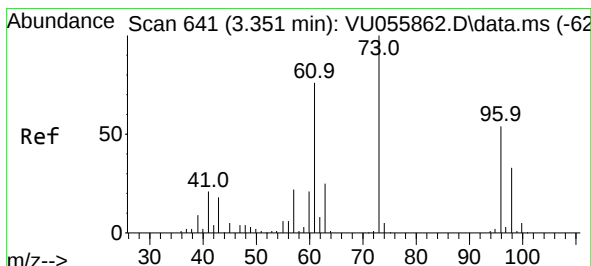
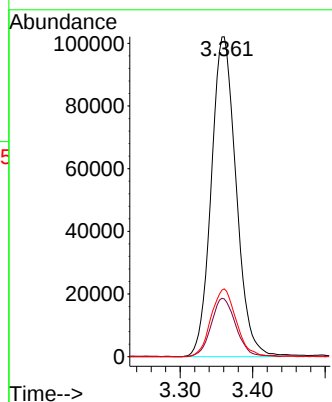
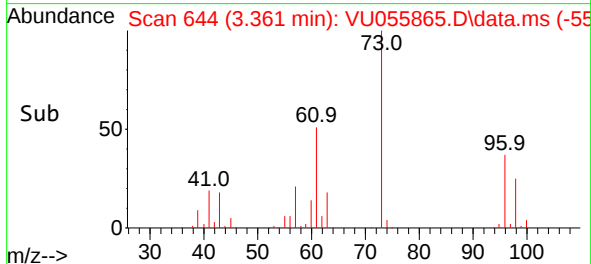


#17
Methyl tert-butyl Ether
Concen: 5.384 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

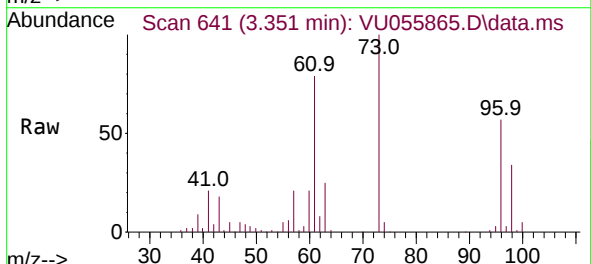
Instrument :
MSVOA_U
ClientSampleId :



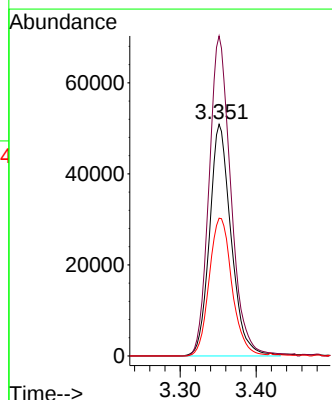
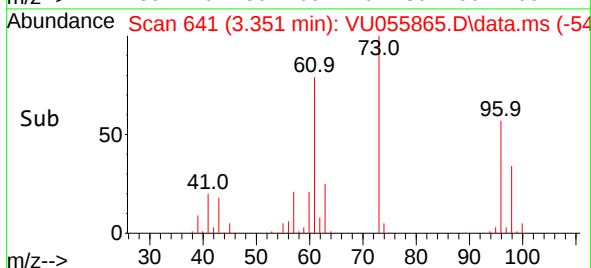
Tgt Ion: 73 Resp: 242615
Ion Ratio Lower Upper
73 100
43 18.0 14.4 21.6
57 21.6 17.0 25.4

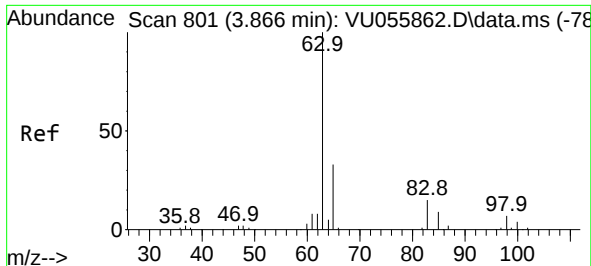


#18
trans-1,2-Dichloroethene
Concen: 5.453 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53



Tgt Ion: 96 Resp: 100396
Ion Ratio Lower Upper
96 100
61 138.1 97.5 181.1
98 59.5 42.7 79.3

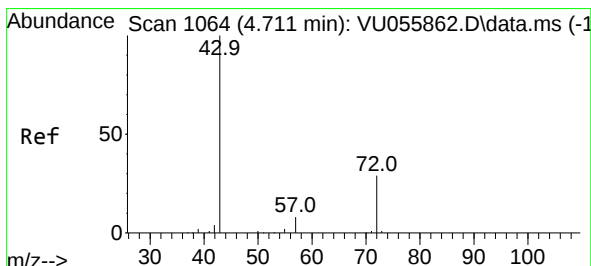
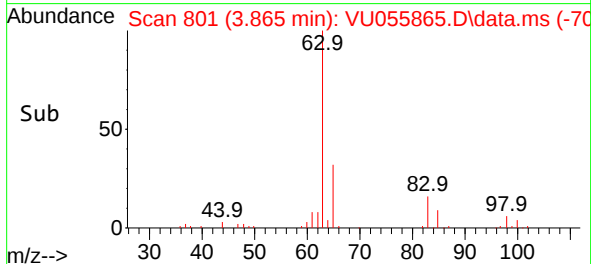
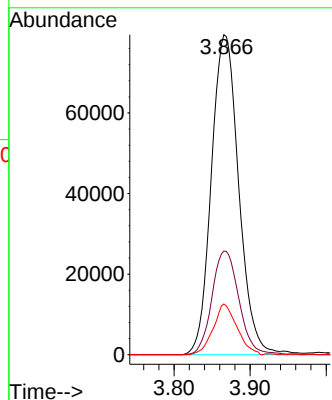
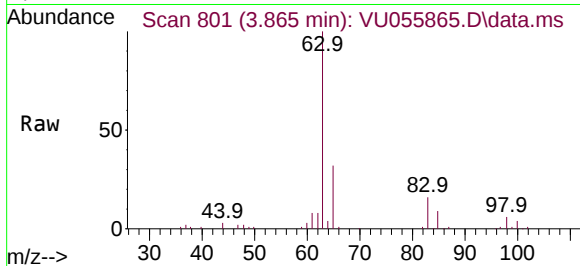




#19
1,1-Dichloroethane
Concen: 5.296 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

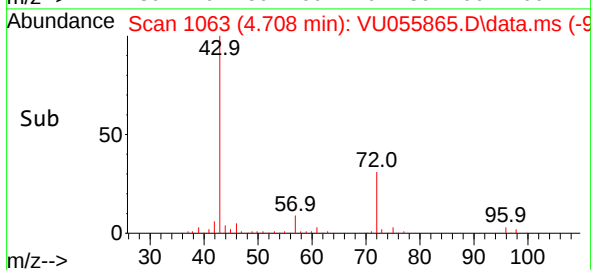
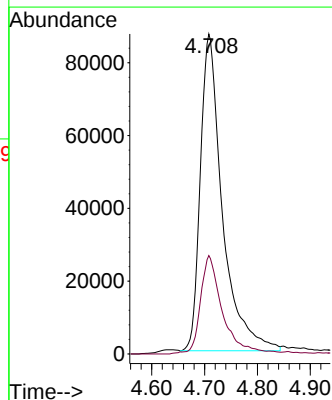
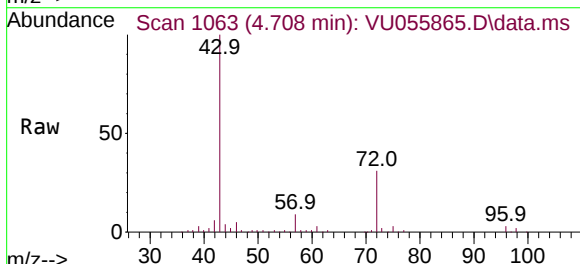
Instrument :
MSVOA_U
ClientSampleId :

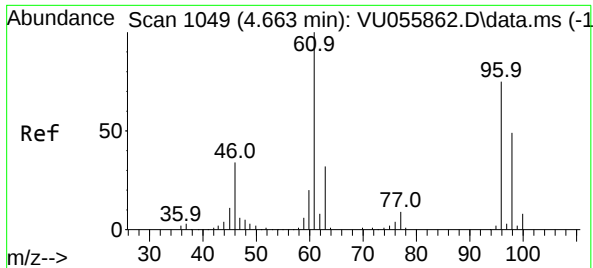
Tgt Ion: 63 Resp: 197962
Ion Ratio Lower Upper
63 100
65 32.4 23.3 43.3
83 15.8 10.5 19.5



#21
2-Butanone
Concen: 55.620 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

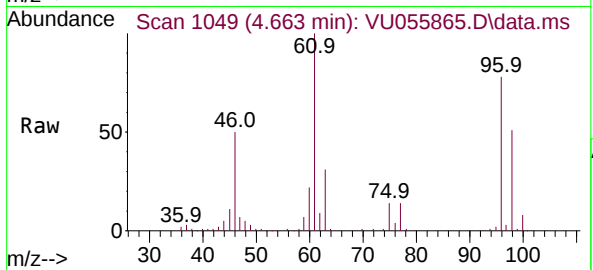
Tgt Ion: 43 Resp: 251905
Ion Ratio Lower Upper
43 100
72 30.5 14.4 43.4



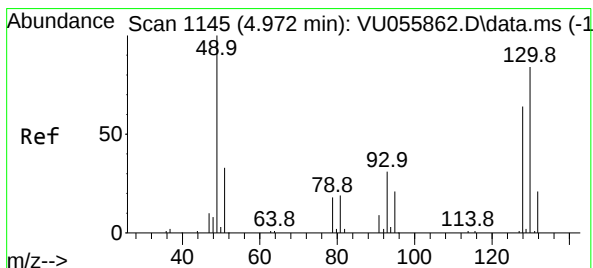
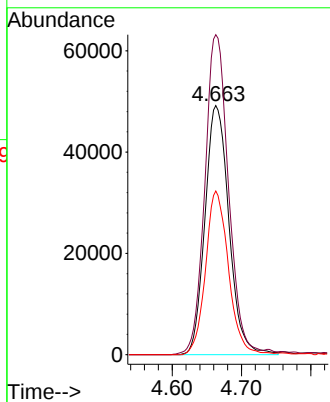
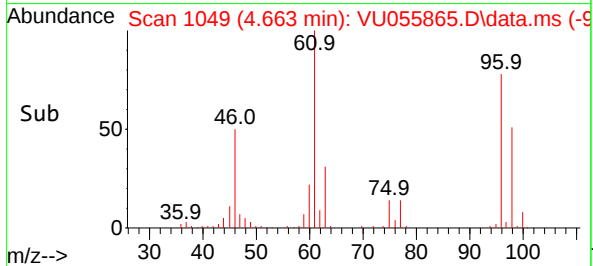


#22
 cis-1,2-Dichloroethene
 Concen: 5.314 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53

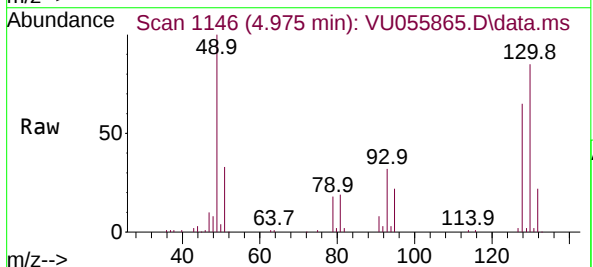
Instrument :
 MSVOA_U
 ClientSampleId :



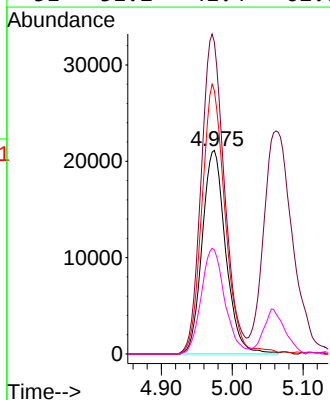
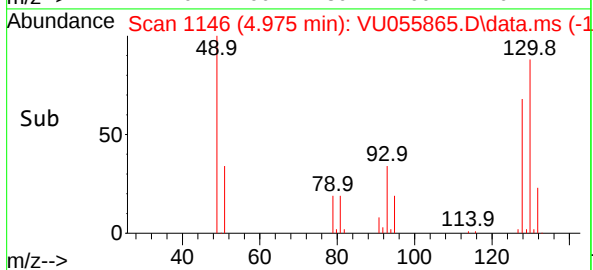
Tgt Ion: 96 Resp: 118447
 Ion Ratio Lower Upper
 96 100
 61 128.5 93.8 174.2
 98 65.7 45.6 84.8

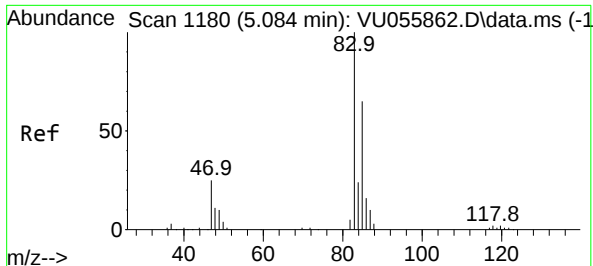


#23
 Bromochloromethane
 Concen: 5.347 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055865.D
 Acq: 24 Oct 2023 11:53



Tgt Ion: 128 Resp: 48557
 Ion Ratio Lower Upper
 128 100
 49 153.3 108.7 201.9
 130 129.5 91.5 169.9
 51 51.2 41.4 62.0





#25

Chloroform

Concen: 5.316 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

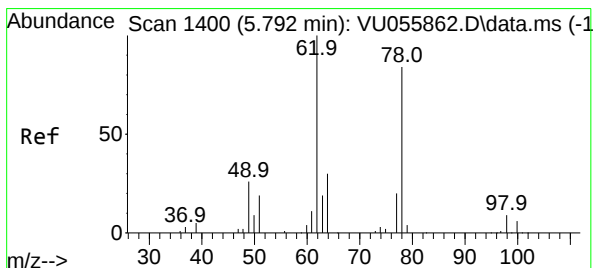
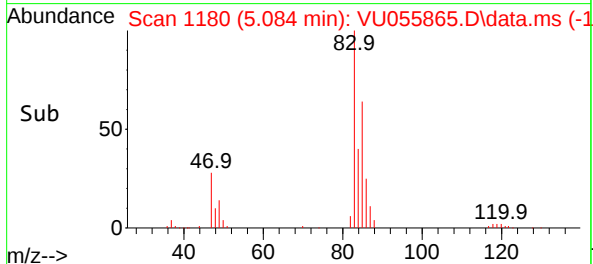
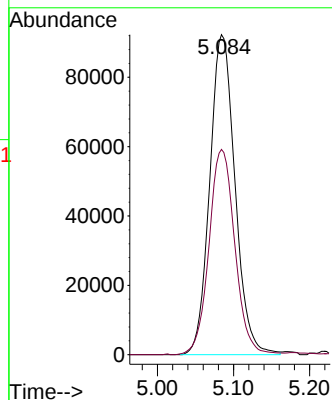
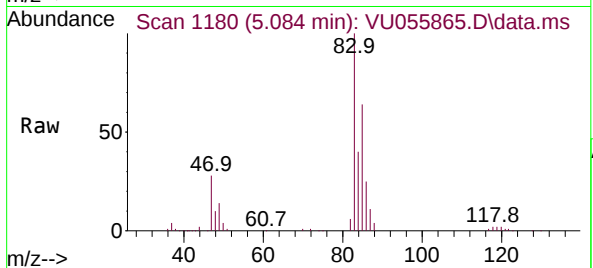
ClientSampleId :

Tgt Ion: 83 Resp: 213069

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.126 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055865.D

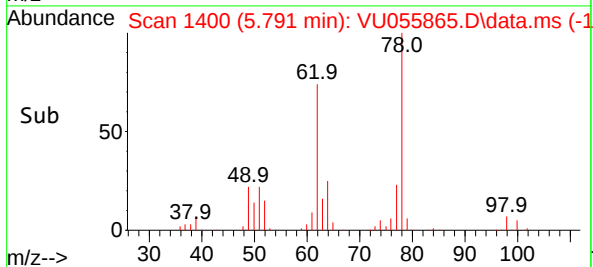
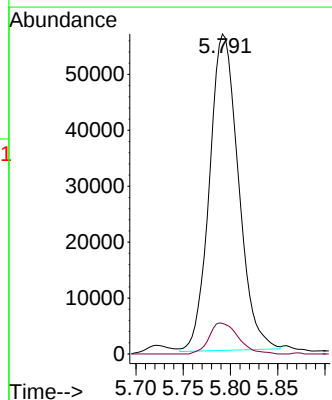
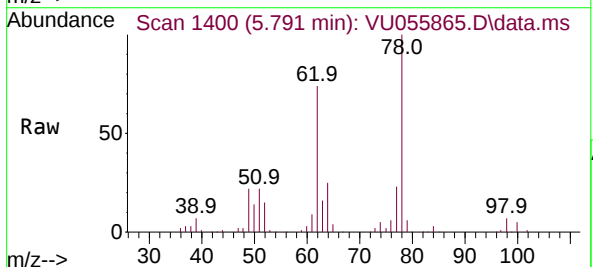
Acq: 24 Oct 2023 11:53

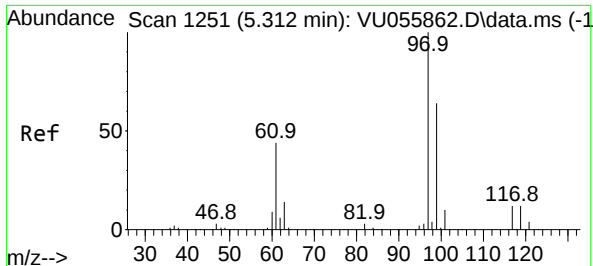
Tgt Ion: 62 Resp: 120723

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.400 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

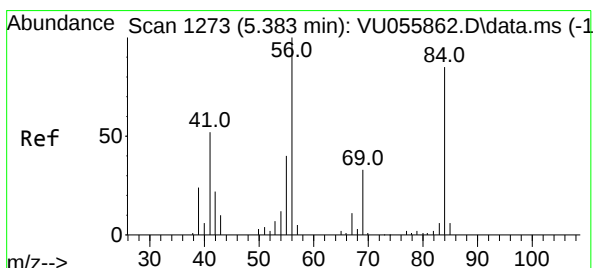
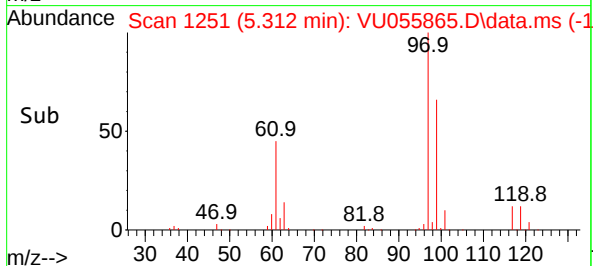
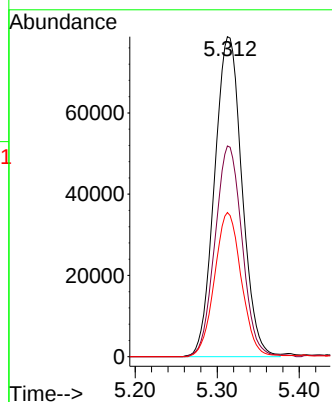
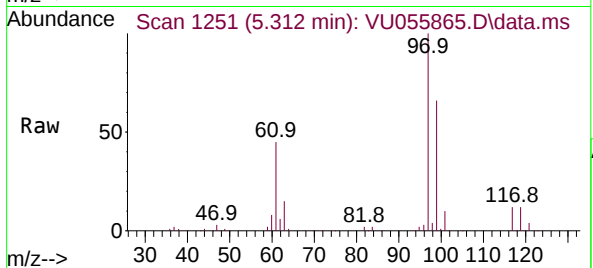
Tgt Ion: 97 Resp: 183325

Ion Ratio Lower Upper

97 100

99 65.2 50.8 76.2

61 44.1 35.0 52.4



#30

Cyclohexane

Concen: 5.571 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

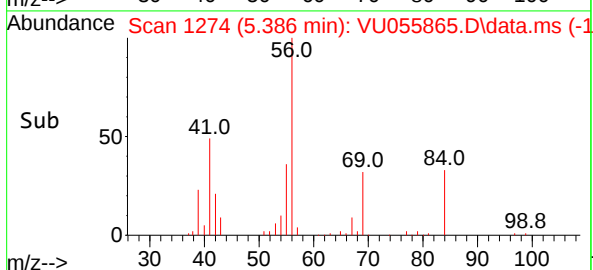
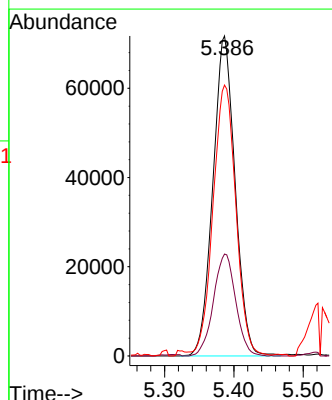
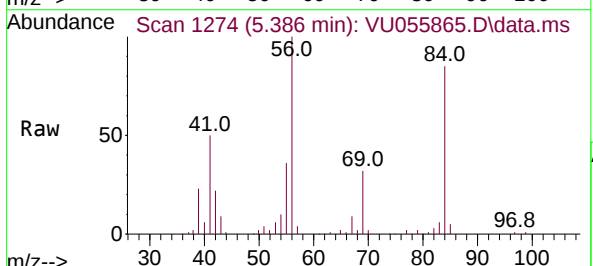
Tgt Ion: 56 Resp: 159564

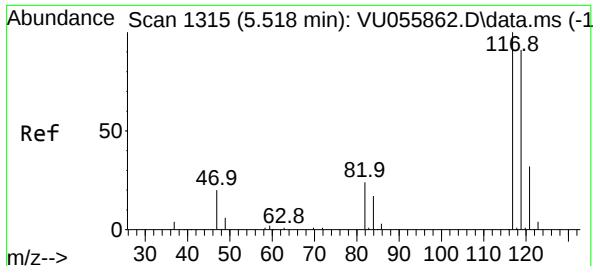
Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 86.4 71.0 106.6

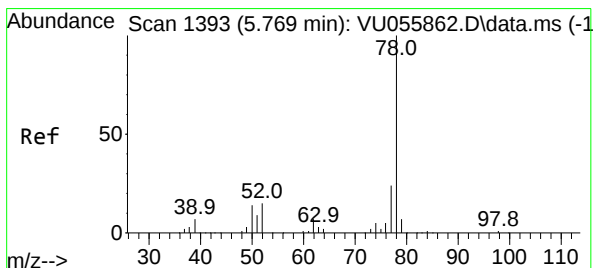
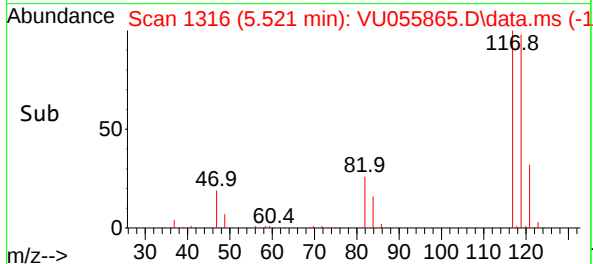
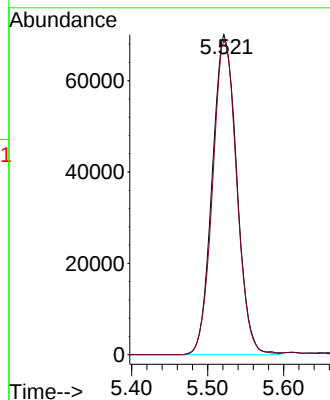
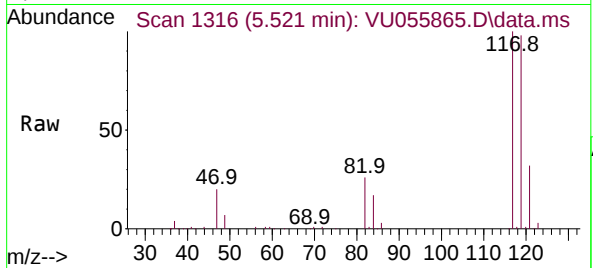




#31
Carbon tetrachloride
Concen: 5.423 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

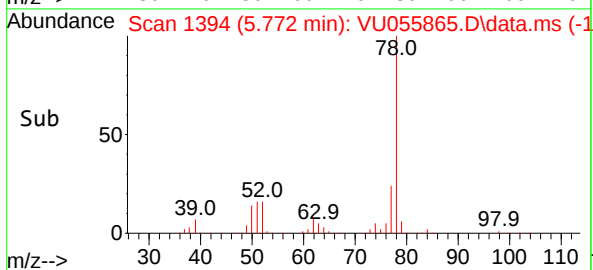
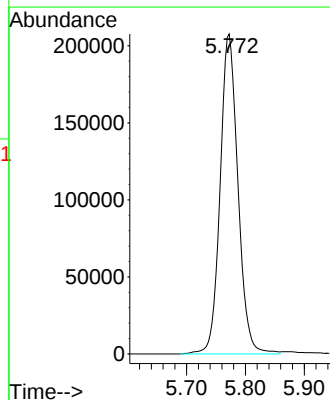
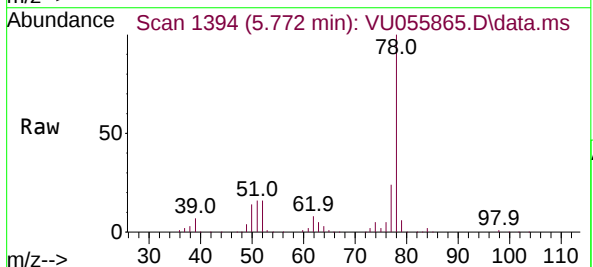
Instrument :
MSVOA_U
ClientSampleId :

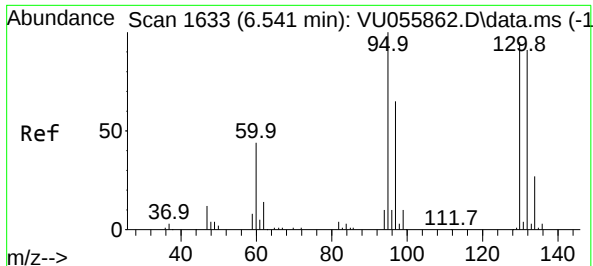
Tgt Ion:117 Resp: 157040
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7



#33
Benzene
Concen: 5.320 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

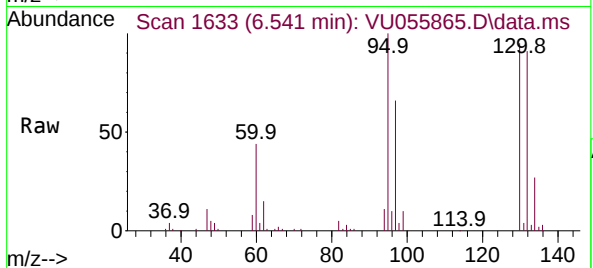
Tgt Ion: 78 Resp: 437319



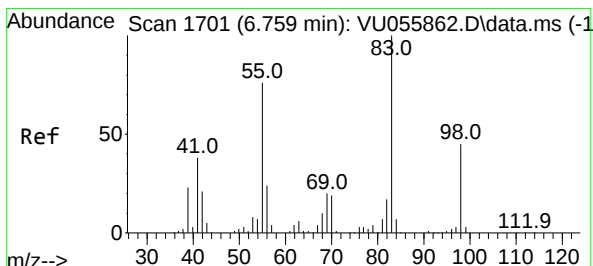
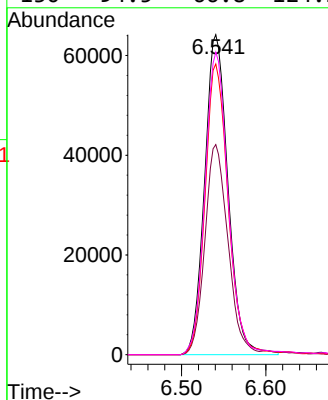
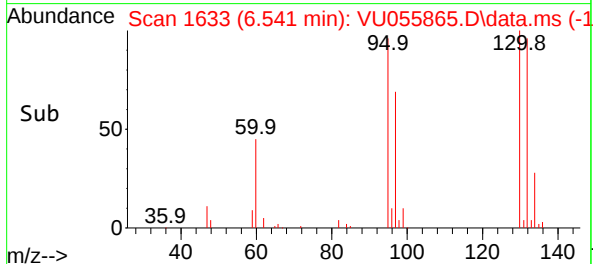


#34
Trichloroethene
Concen: 5.394 ug/L
RT: 6.541 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

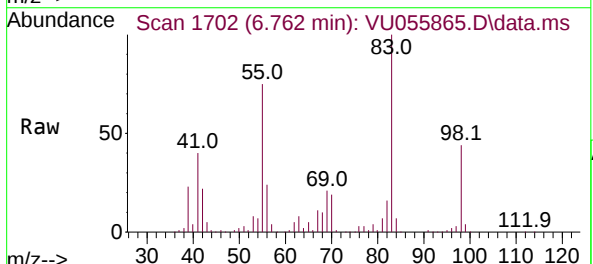
Instrument :
MSVOA_U
ClientSampleId :



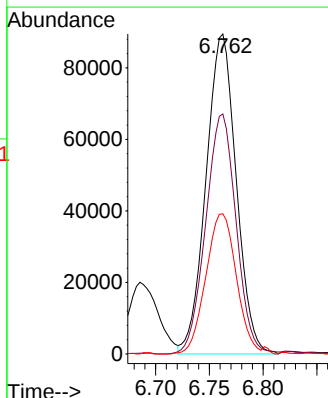
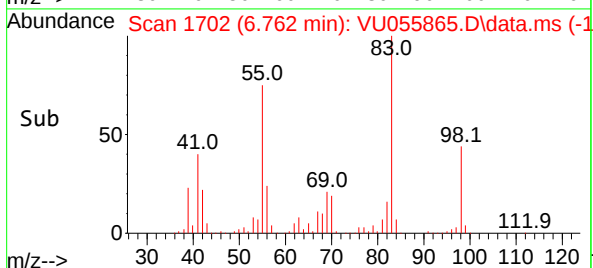
Tgt Ion: 95 Resp: 124021
Ion Ratio Lower Upper
95 100
97 65.7 45.4 84.2
132 90.8 63.9 118.7
130 94.5 66.8 124.2

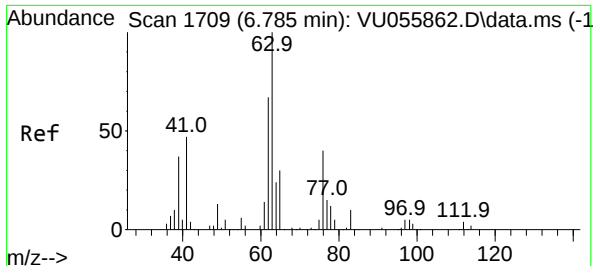


#35
Methylcyclohexane
Concen: 5.637 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53



Tgt Ion: 83 Resp: 174927
Ion Ratio Lower Upper
83 100
55 75.4 62.4 93.6
98 44.1 37.4 56.2

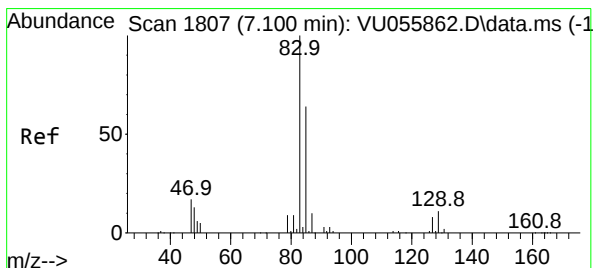
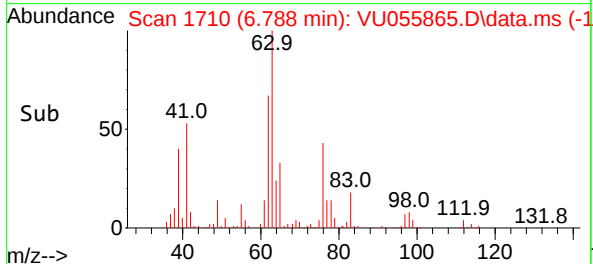
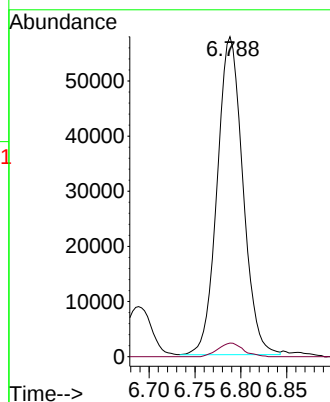
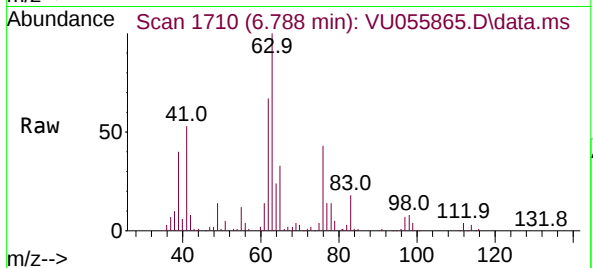




#37
1,2-Dichloropropane
Concen: 5.151 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

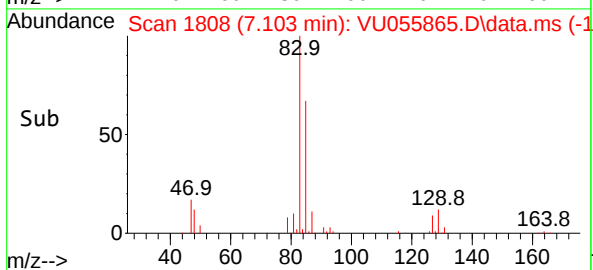
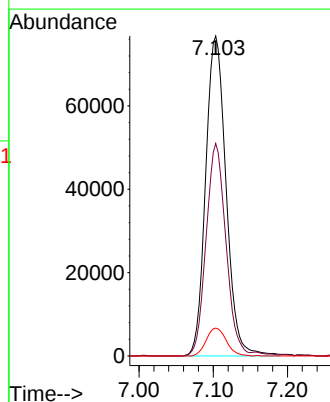
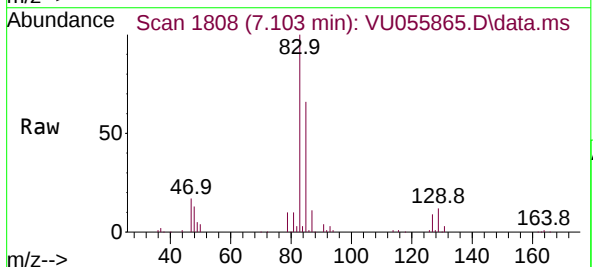
Instrument :
MSVOA_U
ClientSampleId :

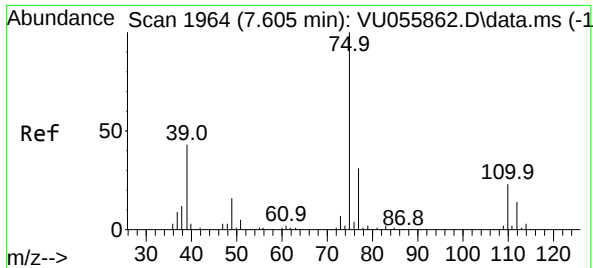
Tgt Ion: 63 Resp: 112418
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 5.352 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion: 83 Resp: 146645
Ion Ratio Lower Upper
83 100
85 66.4 44.9 83.3
127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.625 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

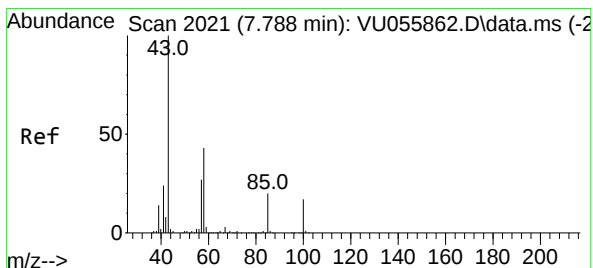
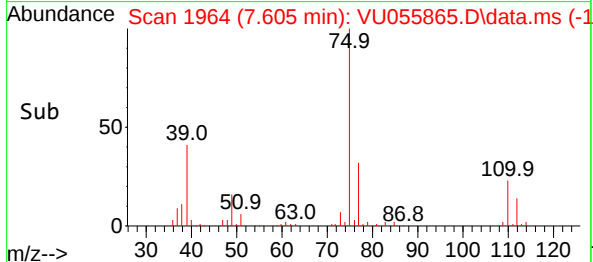
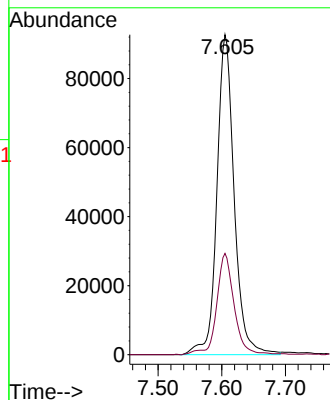
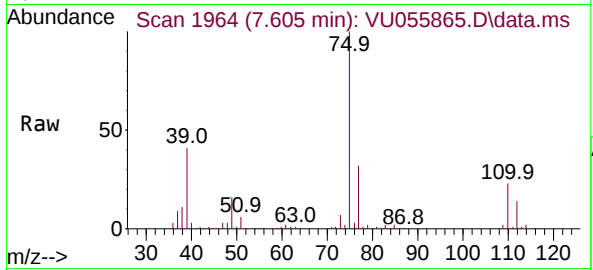
ClientSampleId :

Tgt Ion: 75 Resp: 174885

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 57.205 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

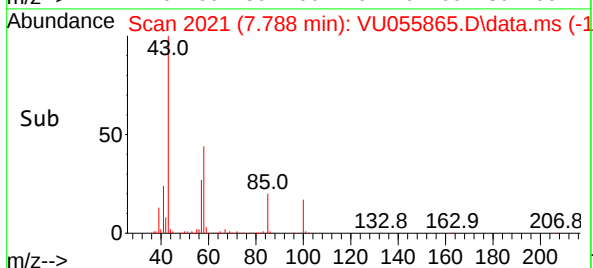
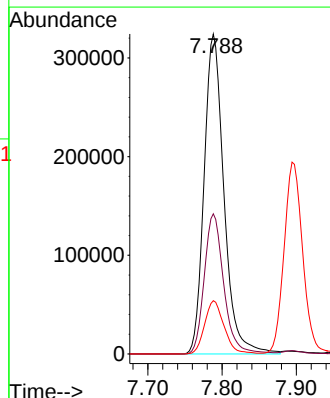
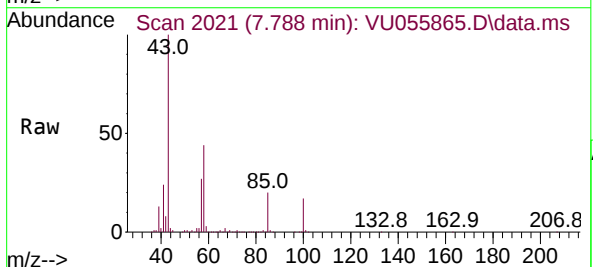
Tgt Ion: 43 Resp: 601855

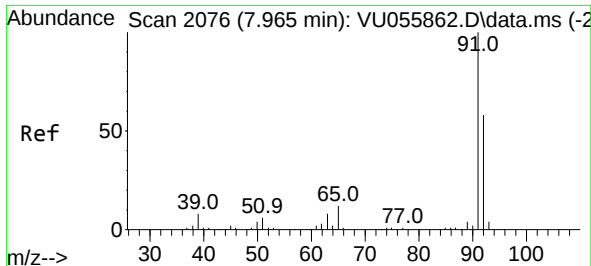
Ion Ratio Lower Upper

43 100

58 43.0 34.0 51.0

100 16.4 13.0 19.6





#42

Toluene

Concen: 5.535 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

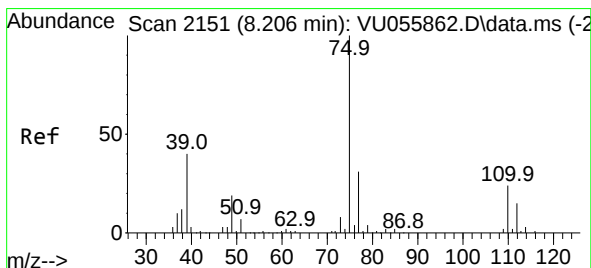
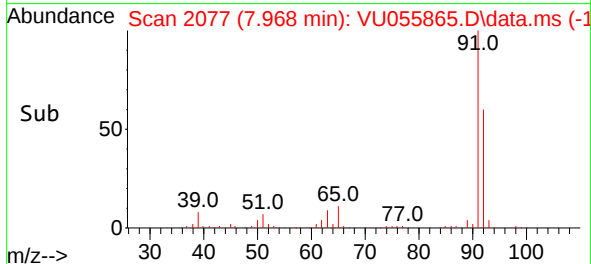
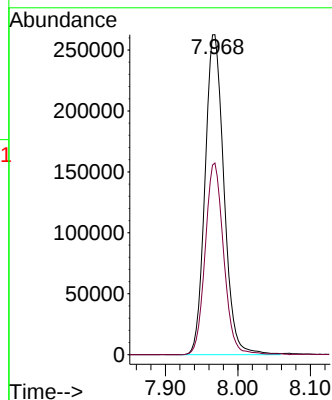
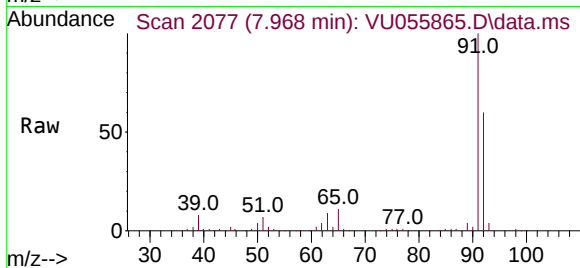
ClientSampleId :

Tgt Ion: 91 Resp: 475525

Ion Ratio Lower Upper

91 100

92 59.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.521 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055865.D

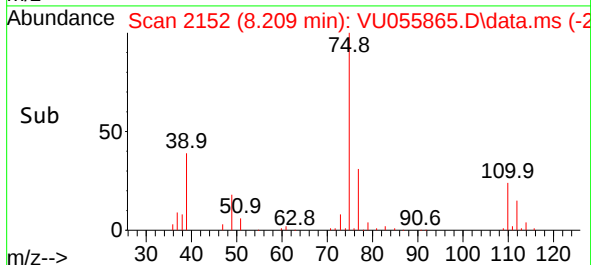
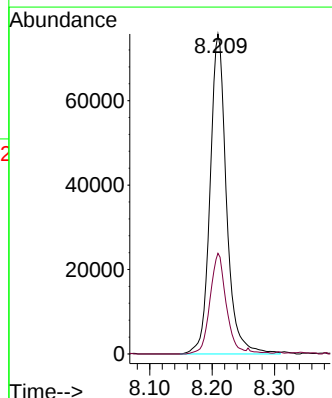
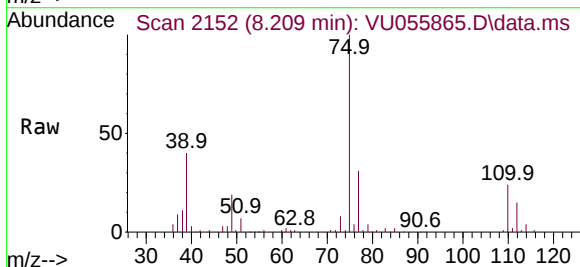
Acq: 24 Oct 2023 11:53

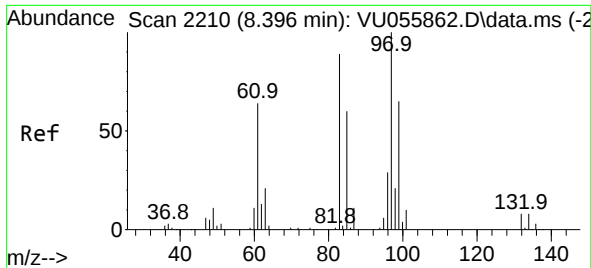
Tgt Ion: 75 Resp: 138570

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3

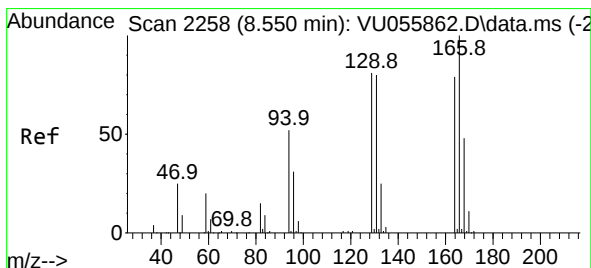
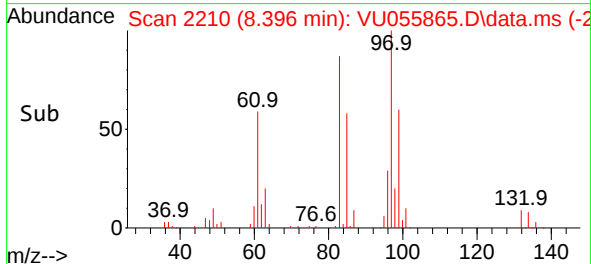
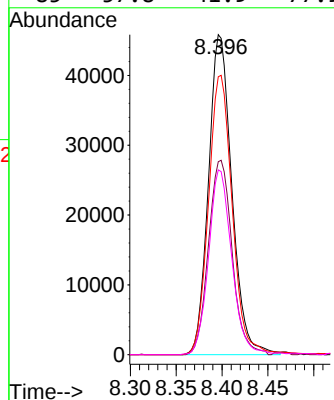
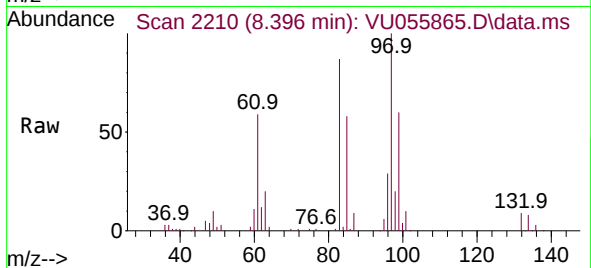




#45
1,1,2-Trichloroethane
Concen: 5.303 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

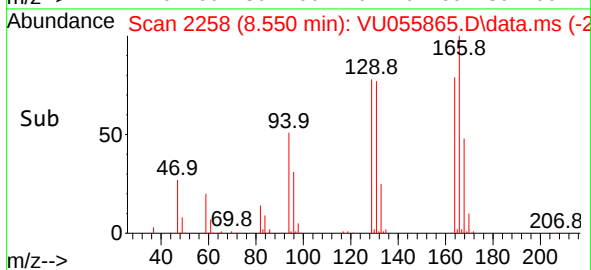
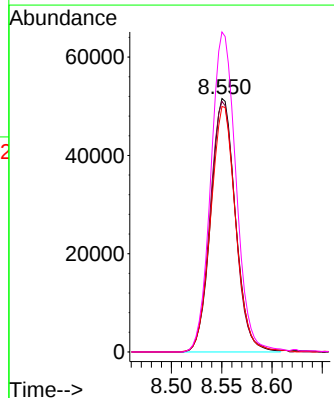
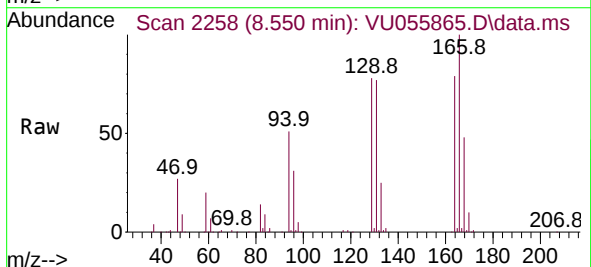
Instrument :
MSVOA_U
ClientSampleId :

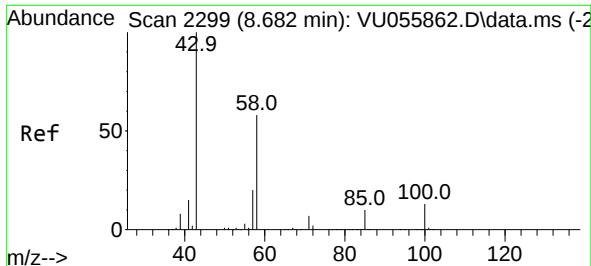
Tgt Ion:	97	Resp:	81377
Ion	Ratio	Lower	Upper
97	100		
99	60.3	45.3	84.1
83	86.9	61.9	115.1
85	57.8	41.9	77.9



#47
Tetrachloroethene
Concen: 5.456 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:	164	Resp:	87853
Ion	Ratio	Lower	Upper
164	100		
129	98.9	72.2	134.0
131	96.8	70.8	131.6
166	126.2	89.0	165.2

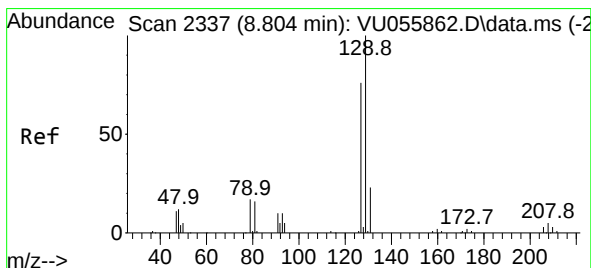
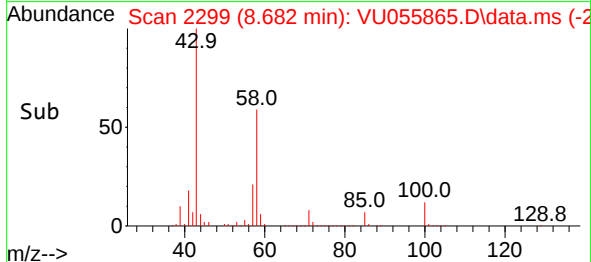
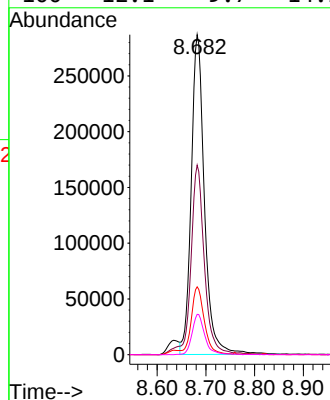
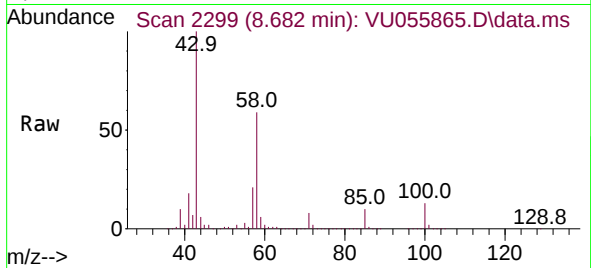




#48
2-Hexanone
Concen: 65.544 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

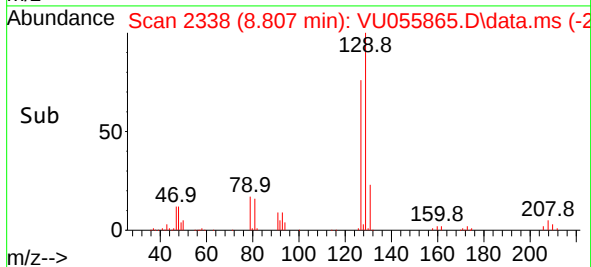
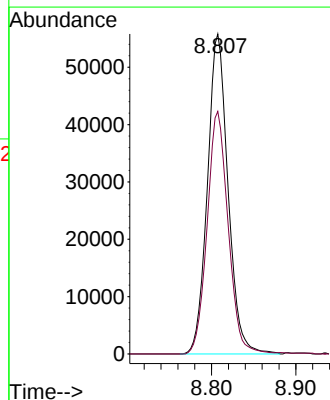
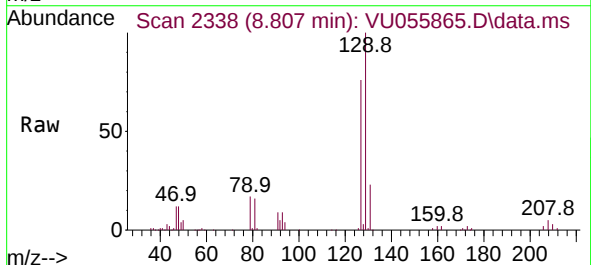
Instrument :
MSVOA_U
ClientSampleId :

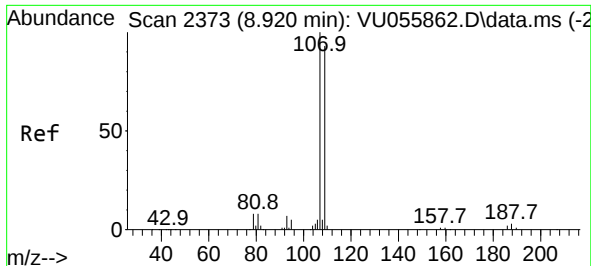
Tgt Ion: 43 Resp: 542211
Ion Ratio Lower Upper
43 100
58 60.7 49.5 74.3
57 20.4 16.9 25.3
100 12.1 9.7 14.5



#49
Dibromochloromethane
Concen: 5.641 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion: 129 Resp: 95035
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.369 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

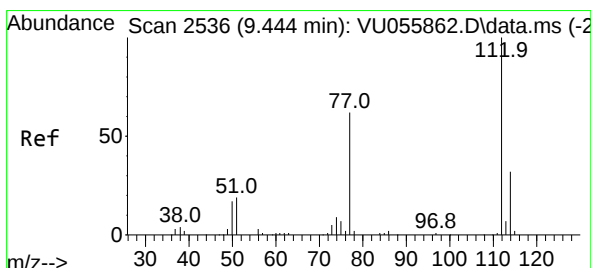
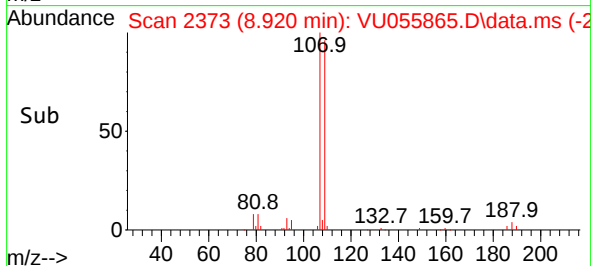
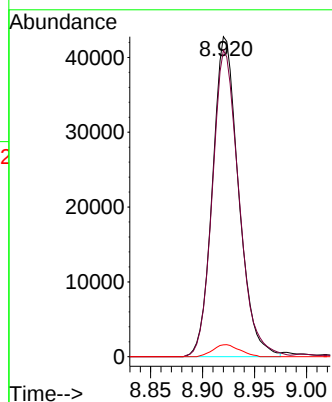
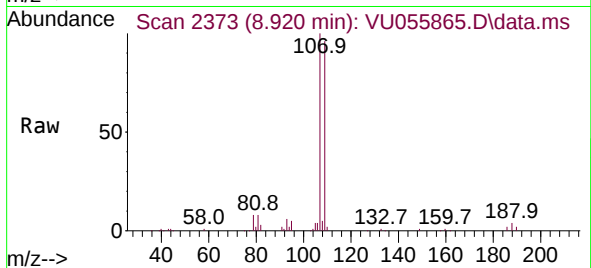
Tgt Ion:107 Resp: 74770

Ion Ratio Lower Upper

107 100

109 95.8 65.0 120.6

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 5.429 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

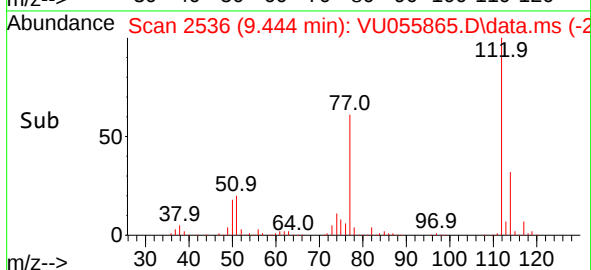
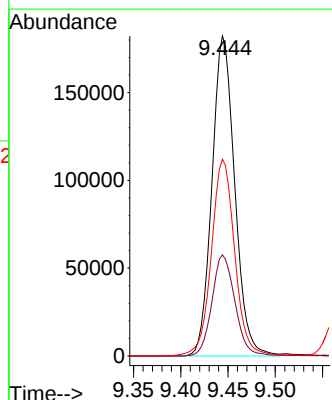
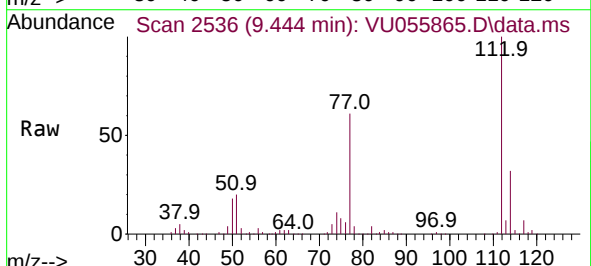
Tgt Ion:112 Resp: 305667

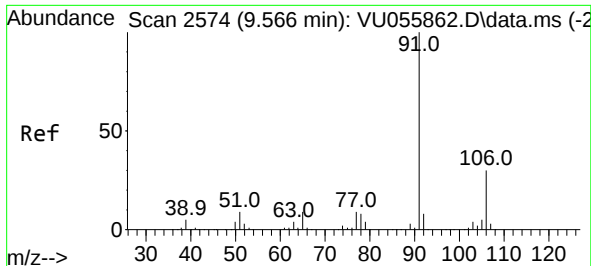
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 61.5 49.9 74.9

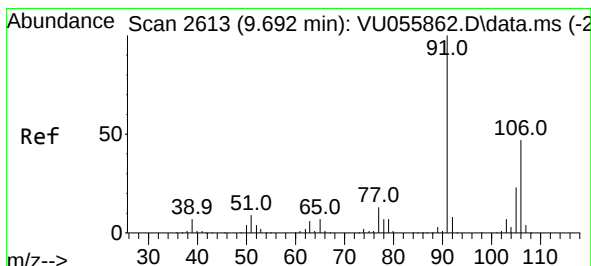
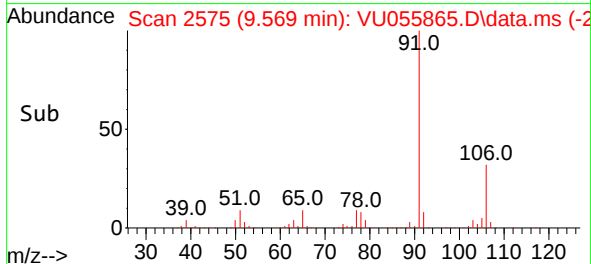
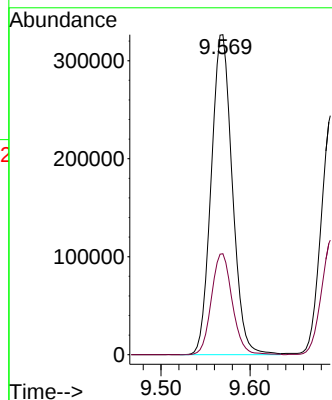
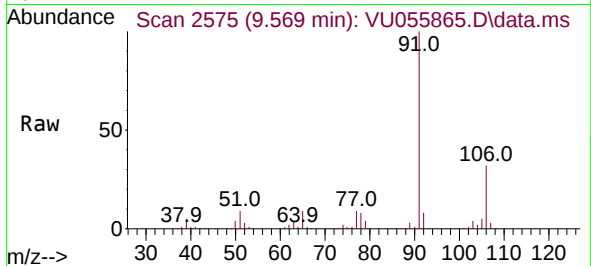




#52
Ethylbenzene
Concen: 5.513 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

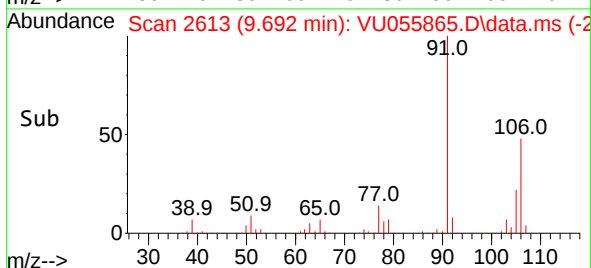
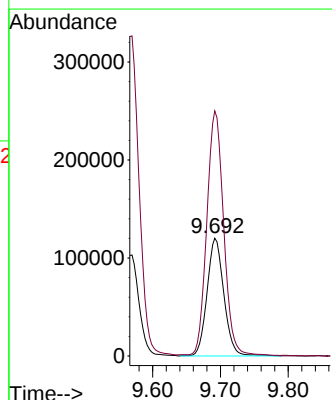
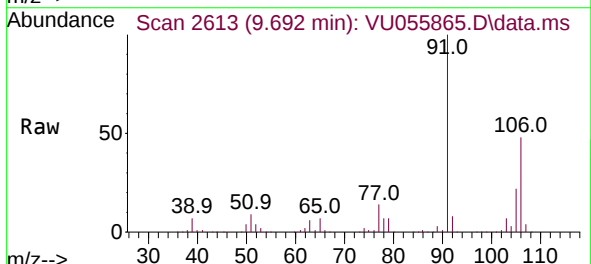
Instrument :
MSVOA_U
ClientSampleId :

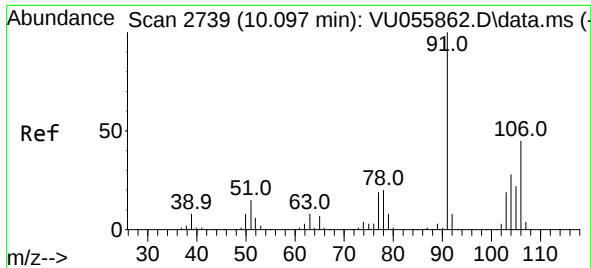
Tgt Ion: 91 Resp: 536903
Ion Ratio Lower Upper
91 100
106 31.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.682 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:106 Resp: 206775
Ion Ratio Lower Upper
106 100
91 208.0 150.4 279.2

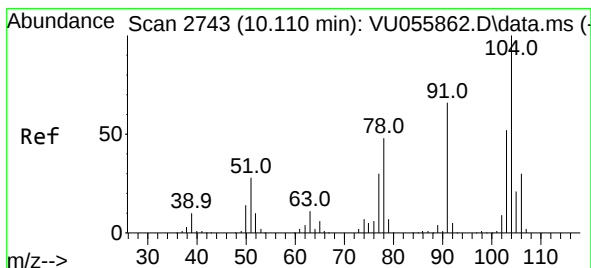
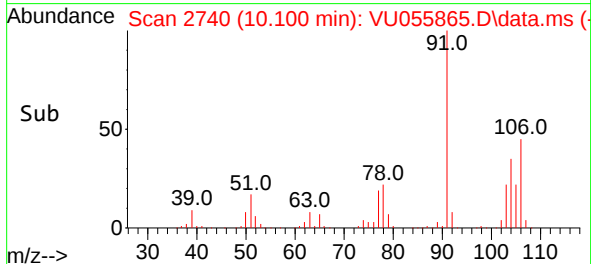
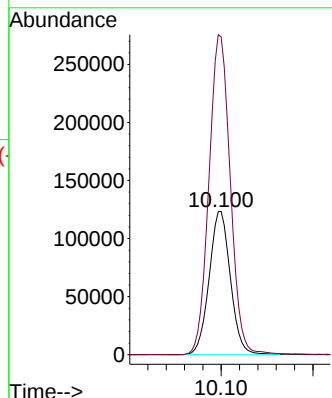
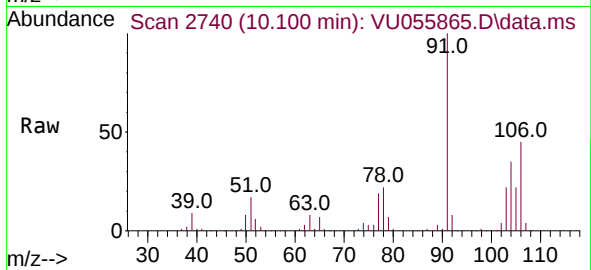




#54
o-Xylene
Concen: 5.567 ug/L
RT: 10.100 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

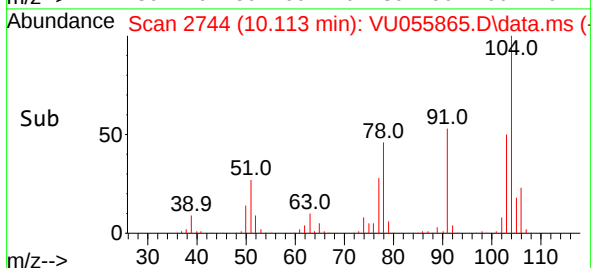
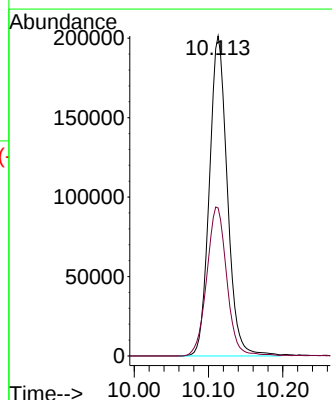
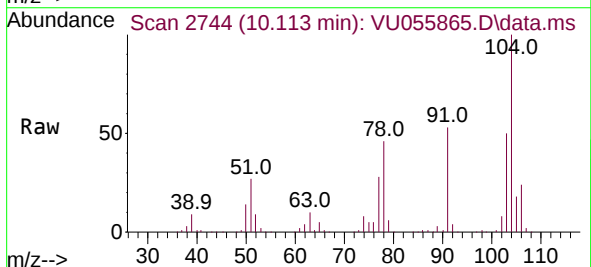
Instrument :
MSVOA_U
ClientSampleId :

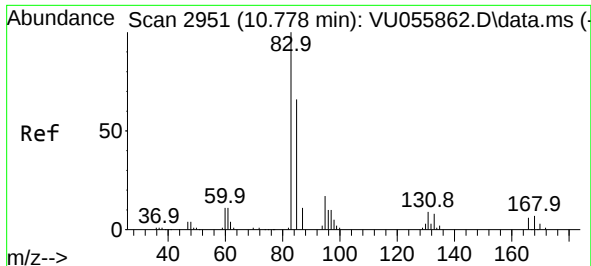
Tgt Ion:106 Resp: 198253
Ion Ratio Lower Upper
106 100
91 221.8 154.6 287.2



#55
Styrene
Concen: 5.939 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:104 Resp: 339029
Ion Ratio Lower Upper
104 100
78 46.3 33.9 63.0

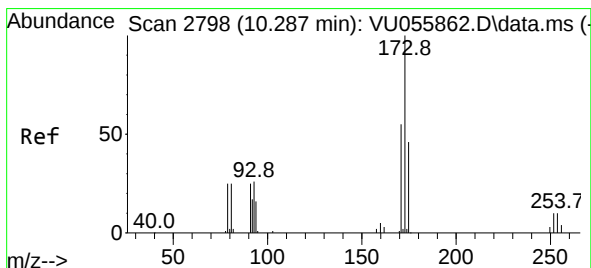
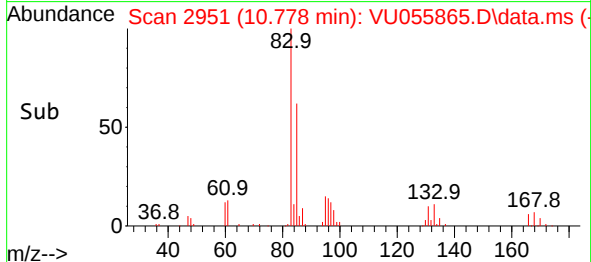
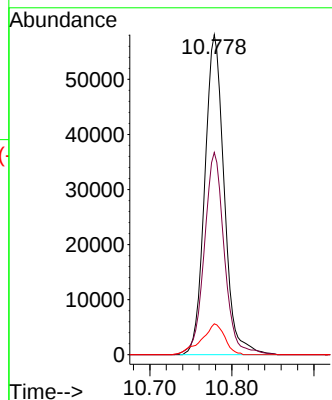
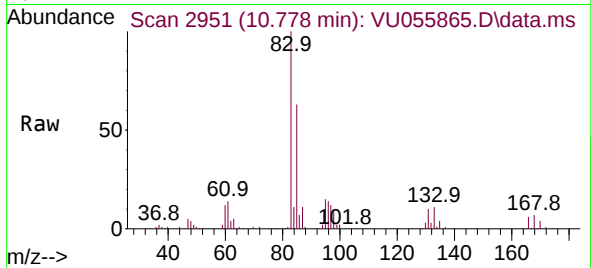




#57
1,1,2,2-Tetrachloroethane
Concen: 5.369 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

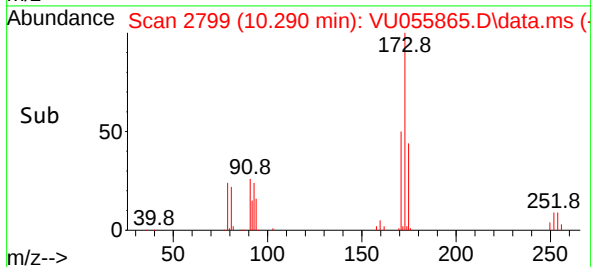
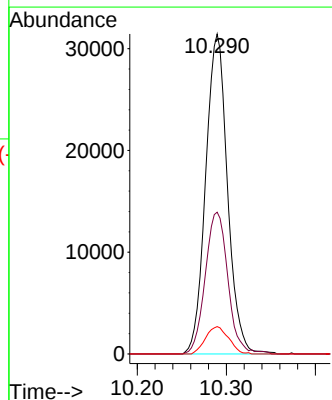
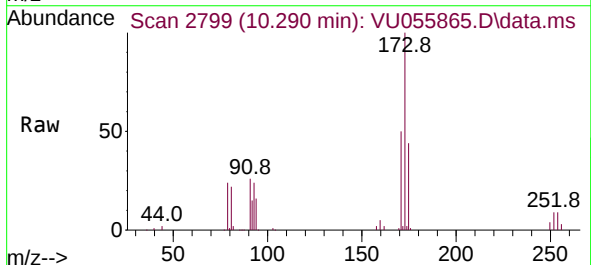
Instrument :
MSVOA_U
ClientSampleId :

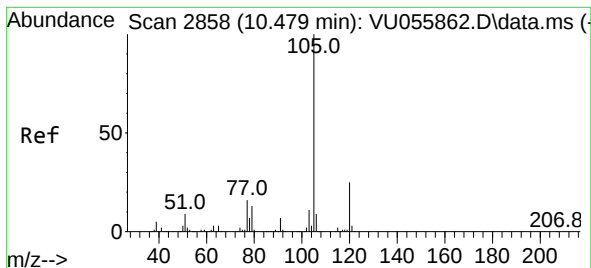
Tgt Ion: 83 Resp: 95370
Ion Ratio Lower Upper
83 100
85 63.2 46.2 85.8
131 9.6 7.2 10.8



#59
Bromoform
Concen: 5.514 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:173 Resp: 53426
Ion Ratio Lower Upper
173 100
175 46.1 37.8 56.6
254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 5.747 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

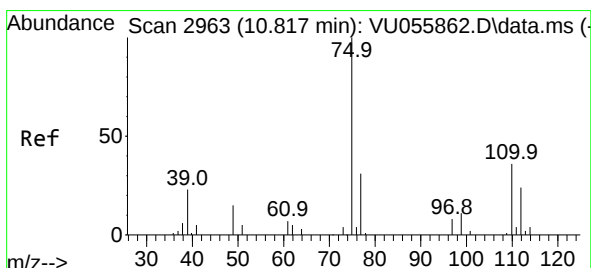
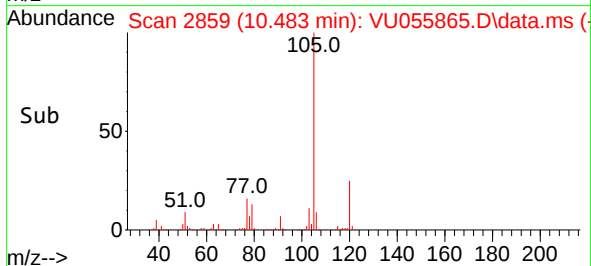
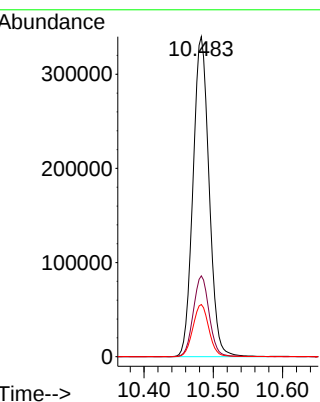
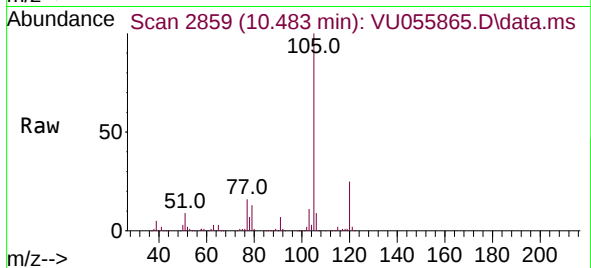
Tgt Ion:105 Resp: 545477

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.416 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

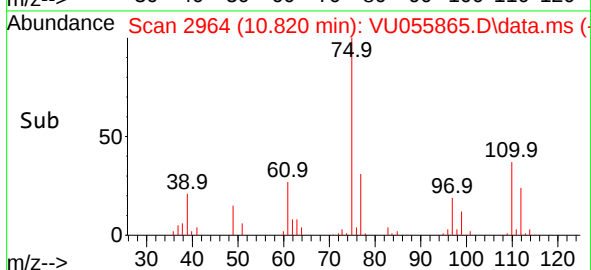
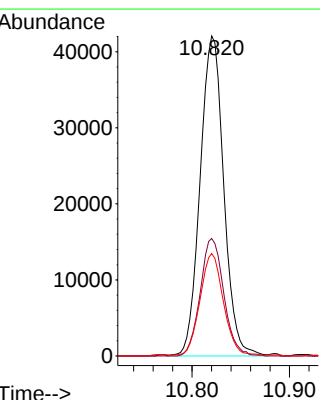
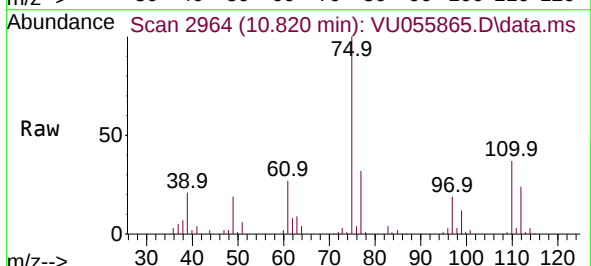
Tgt Ion: 75 Resp: 70819

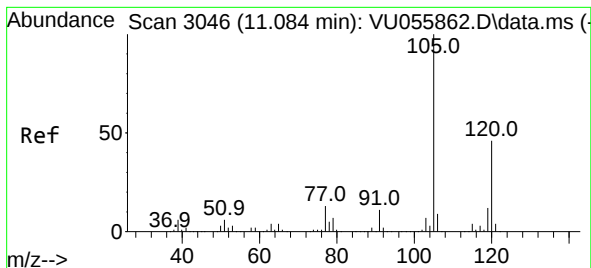
Ion Ratio Lower Upper

75 100

110 36.5 29.0 43.6

77 31.0 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 5.708 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

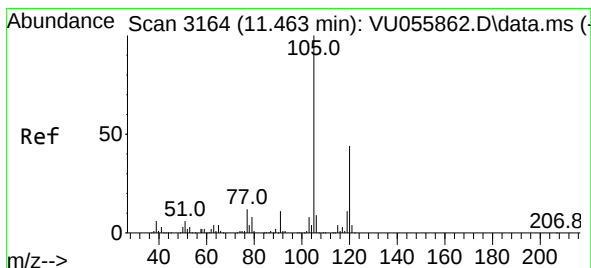
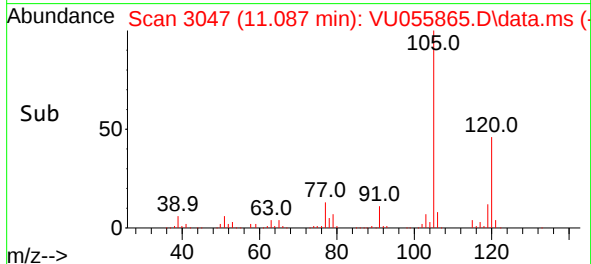
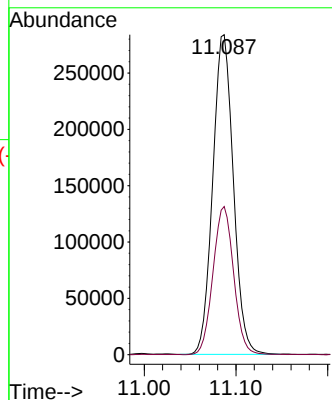
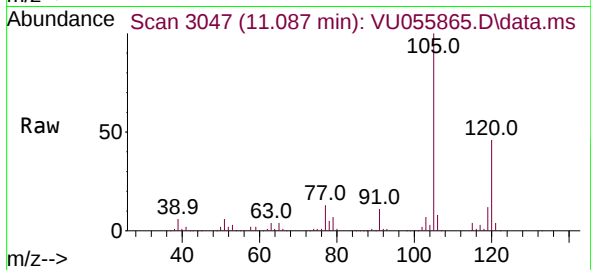
ClientSampleId :

Tgt Ion:105 Resp: 442748

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 6.030 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055865.D

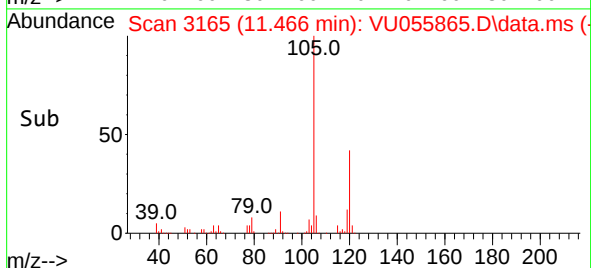
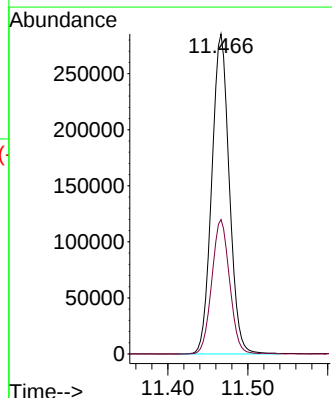
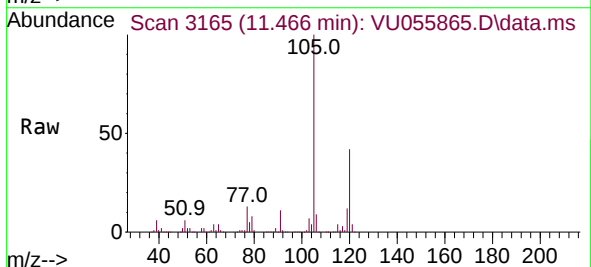
Acq: 24 Oct 2023 11:53

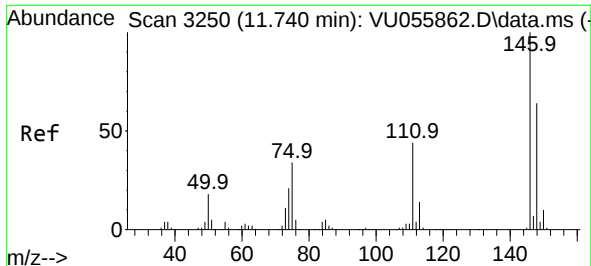
Tgt Ion:105 Resp: 434515

Ion Ratio Lower Upper

105 100

120 42.5 34.6 52.0

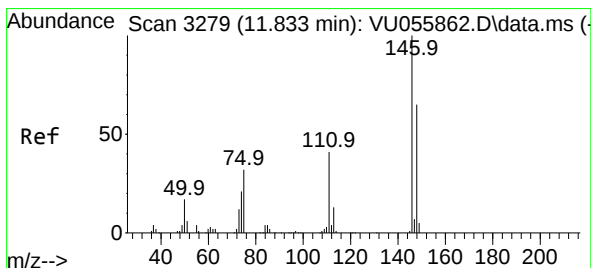
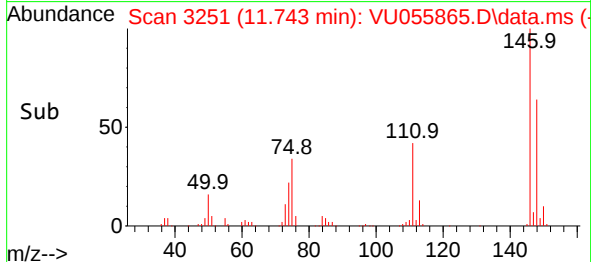
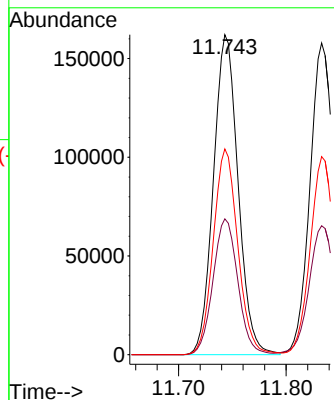
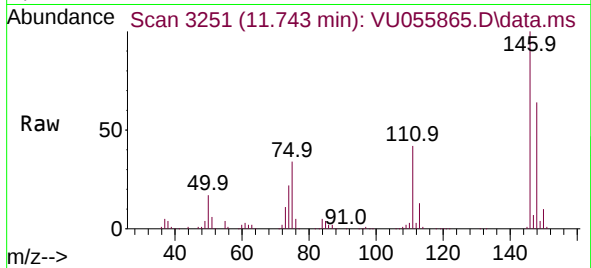




#64
1,3-Dichlorobenzene
Concen: 5.740 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

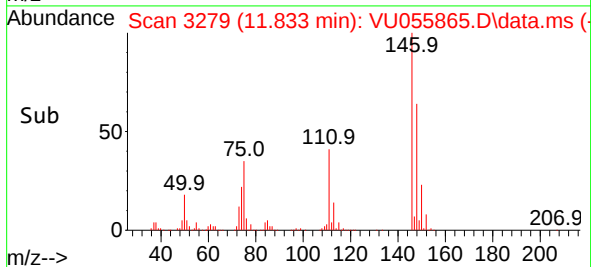
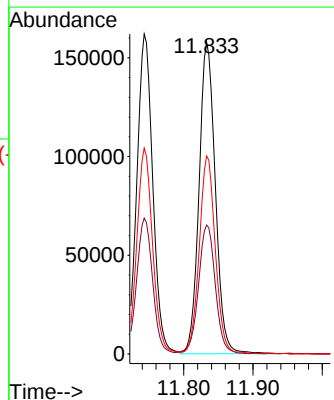
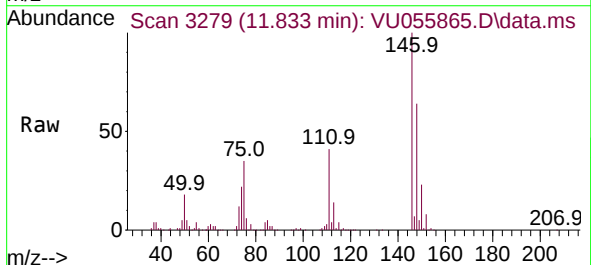
Instrument :
MSVOA_U
ClientSampleId :

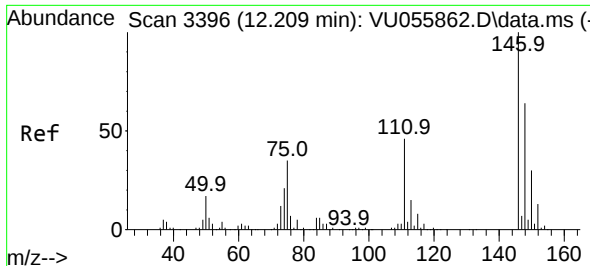
Tgt Ion:146 Resp: 258276
Ion Ratio Lower Upper
146 100
111 42.5 31.1 57.9
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.737 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055865.D
Acq: 24 Oct 2023 11:53

Tgt Ion:146 Resp: 257599
Ion Ratio Lower Upper
146 100
111 41.4 29.3 54.3
148 63.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.714 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

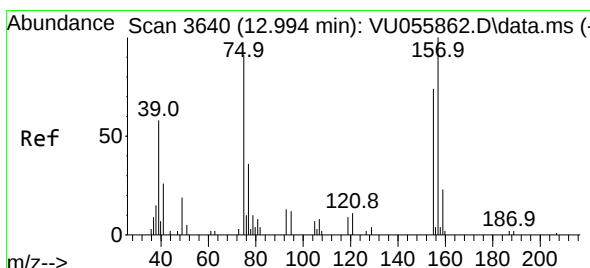
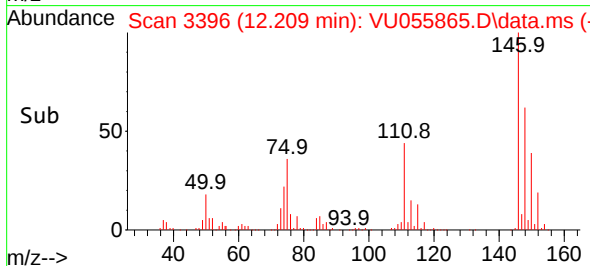
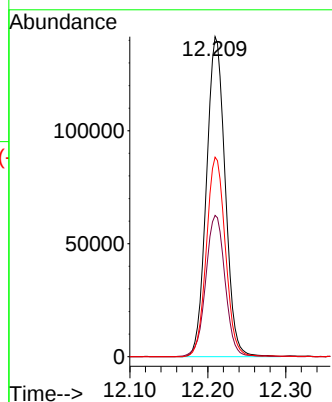
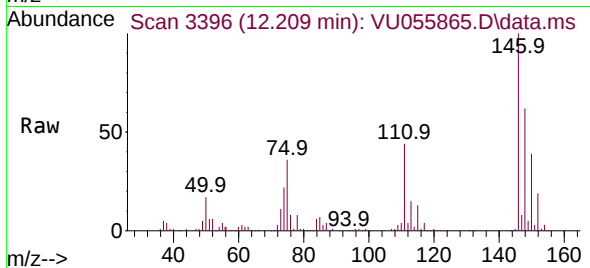
Tgt Ion:146 Resp: 236051

Ion Ratio Lower Upper

146 100

111 44.2 36.7 55.1

148 62.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.336 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

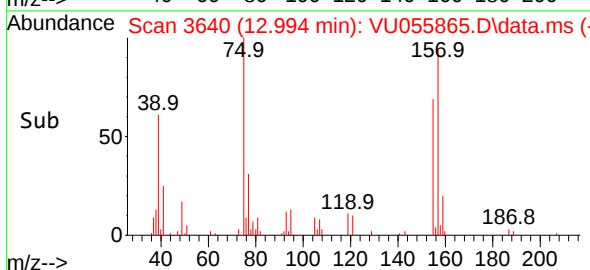
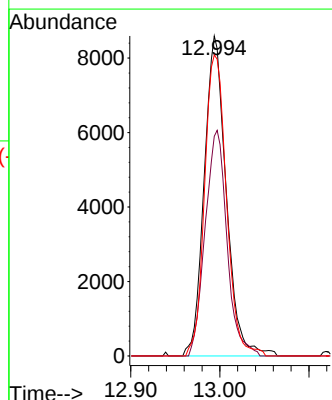
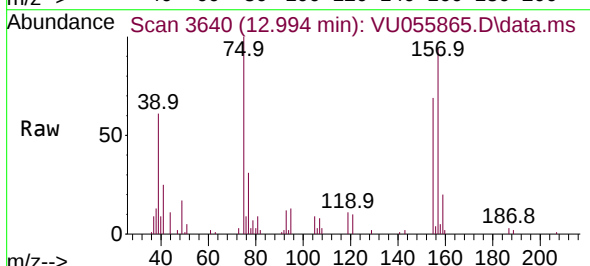
Tgt Ion: 75 Resp: 14783

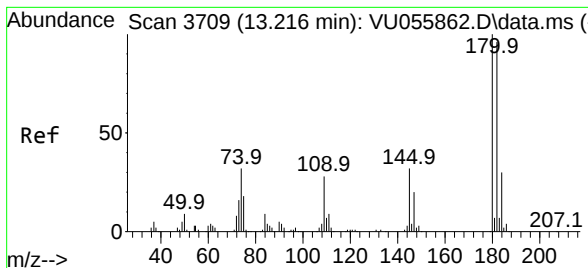
Ion Ratio Lower Upper

75 100

155 68.6 65.3 97.9

157 94.0 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 6.018 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 185039

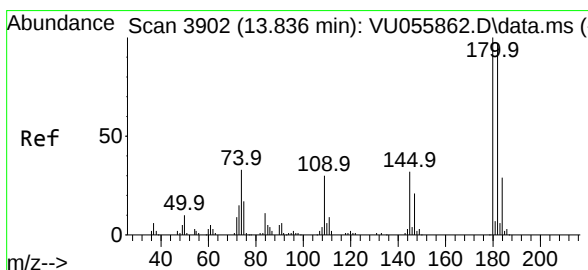
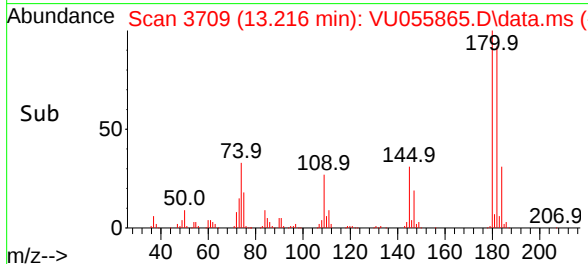
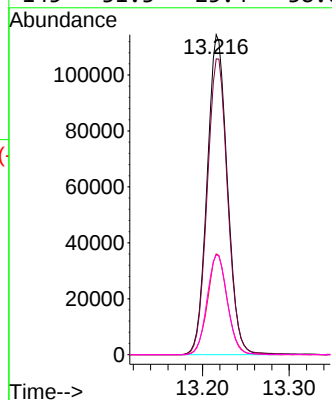
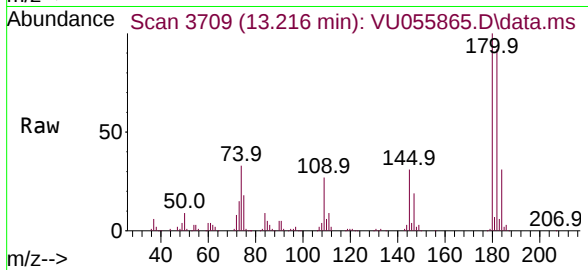
Ion Ratio Lower Upper

180 100

182 93.8 74.7 112.1

184 30.9 23.8 35.8

145 31.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 6.800 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

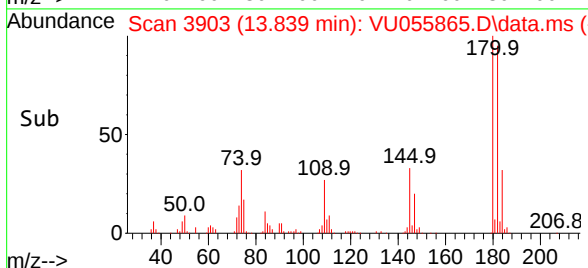
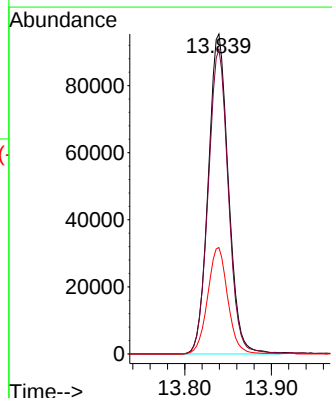
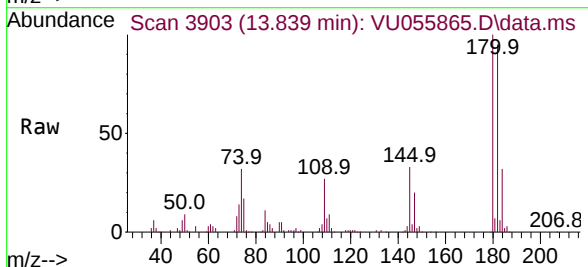
Tgt Ion:180 Resp: 154524

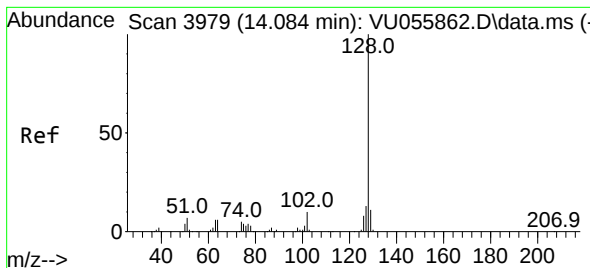
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 33.1 26.4 39.6





#71

Naphthalene

Concen: 8.067 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

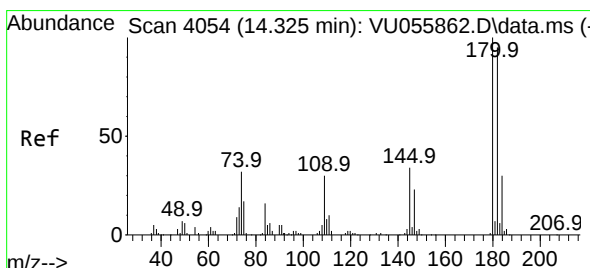
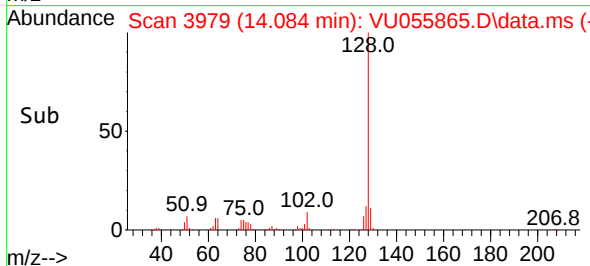
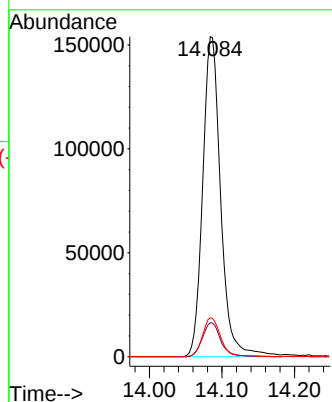
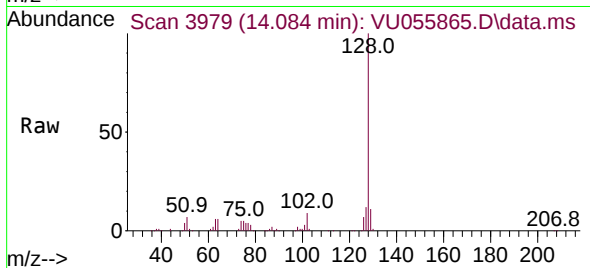
Tgt Ion:128 Resp: 265483

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 12.3 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 6.793 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055865.D

Acq: 24 Oct 2023 11:53

Tgt Ion:180 Resp: 133087

Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 35.1 27.4 41.2

