

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092723\
 Data File : VU055565.D
 Acq On : 27 Sep 2023 20:50
 Operator : MD/SY
 Sample : 04530-07MS 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 23:38:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	205401	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	219984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94897	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	79477	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.567	65	36150	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.628	46	175058	46.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.380%
24) Chloroform-d	5.058	84	177029	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.698	65	81668	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	346848	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	104627	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.894	98	317419	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	36653	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	104830	42.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82033	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	118478	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	85445	4.273	ug/L	99
3) Chloromethane	1.518	50	88564	5.035	ug/L	97
5) Vinyl chloride	1.602	62	323021	17.020	ug/L	100
6) Bromomethane	1.856	94	51195	4.247	ug/L	99
8) Chloroethane	1.933	64	57626	4.653	ug/L	98
9) Trichlorofluoromethane	2.139	101	133068	5.056	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	76181	4.757	ug/L	99
12) 1,1-Dichloroethene	2.579	96	69161	4.816	ug/L	90
13) Acetone	2.637	43	92161	43.118	ug/L	97
14) Carbon disulfide	2.792	76	210594	4.878	ug/L	98
15) Methyl Acetate	2.952	43	23262	4.773	ug/L	99
16) Methylene chloride	3.042	84	82827	4.814	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	148434	4.765	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	71197	4.919	ug/L	96
19) 1,1-Dichloroethane	3.866	63	131935	4.929	ug/L	97
21) 2-Butanone	4.708	43	152794	48.739	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	309157	18.422	ug/L	99
23) Bromochloromethane	4.972	128	35336	4.982	ug/L	96
25) Chloroform	5.084	83	144083	5.083	ug/L	98

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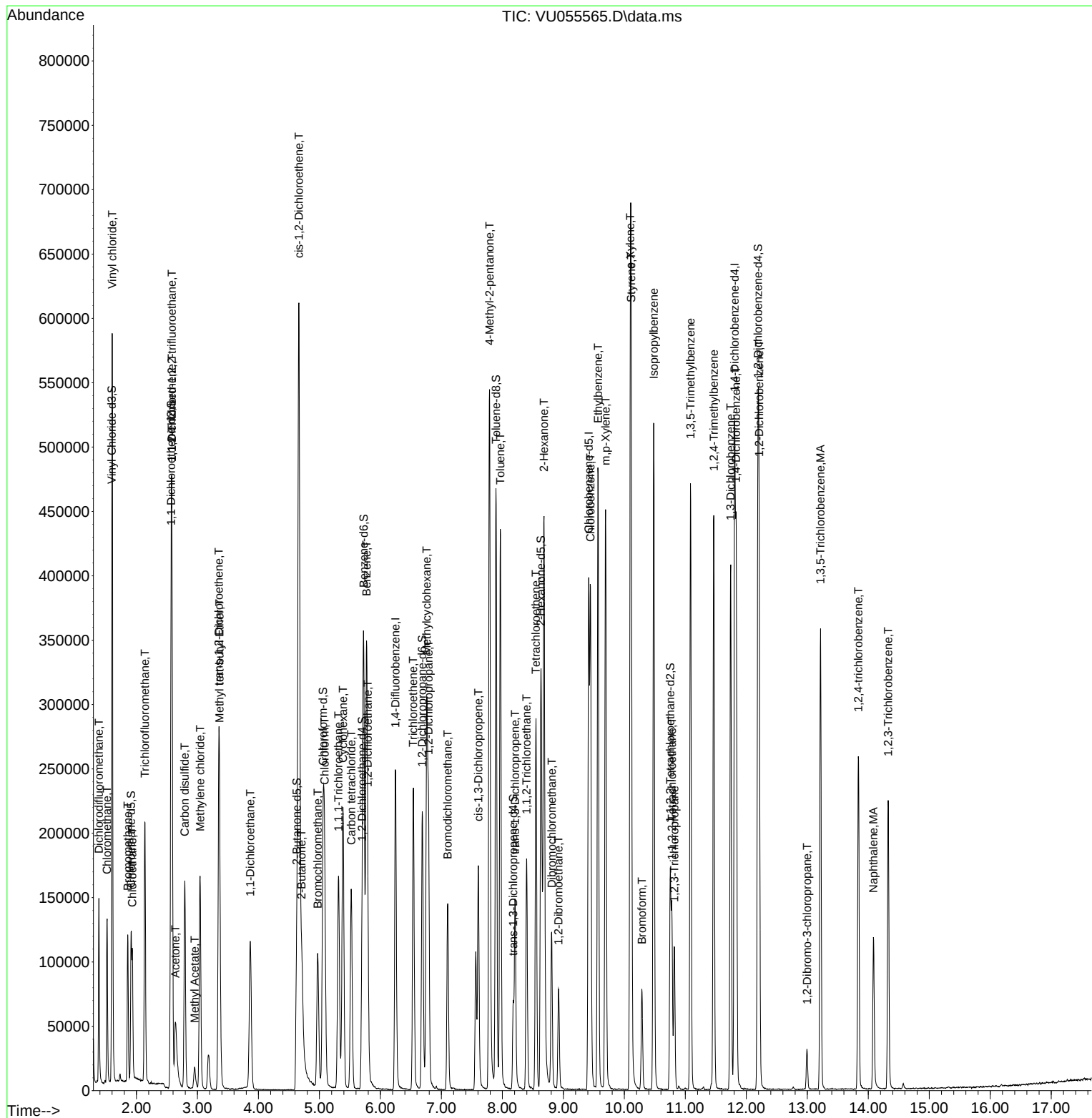
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	82716	4.758	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	121420	4.842	ug/L	99
30) Cyclohexane	5.386	56	101982	4.442	ug/L	98
31) Carbon tetrachloride	5.521	117	106296	4.945	ug/L	98
33) Benzene	5.772	78	307794	4.861	ug/L	100
34) Trichloroethene	6.538	95	81872	4.571	ug/L	98
35) Methylcyclohexane	6.759	83	111099	4.306	ug/L	99
37) 1,2-Dichloropropane	6.788	63	77470	4.678	ug/L	99
38) Bromodichloromethane	7.103	83	95498	4.921	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	107135	4.848	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	355450	47.322	ug/L	100
42) Toluene	7.965	91	329975	4.886	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	87297	4.937	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	57141	4.922	ug/L	96
47) Tetrachloroethene	8.550	164	62868	4.893	ug/L	99
48) 2-Hexanone	8.682	43	275196	47.273	ug/L	98
49) Dibromochloromethane	8.808	129	64085	5.266	ug/L	89
50) 1,2-Dibromoethane	8.920	107	54045	5.016	ug/L #	98
51) Chlorobenzene	9.444	112	208087	4.810	ug/L	99
52) Ethylbenzene	9.566	91	341623	4.718	ug/L	98
53) m,p-Xylene	9.692	106	134144	4.944	ug/L	96
54) o-Xylene	10.097	106	126327	4.789	ug/L	94
55) Styrene	10.113	104	215942	5.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	66136	5.046	ug/L	99
59) Bromoform	10.287	173	34881	5.129	ug/L	99
60) Isopropylbenzene	10.483	105	342239	4.680	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	46912	4.736	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	262551	4.489	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	254044	4.438	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	167583	4.786	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	166062	4.746	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	157578	4.909	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	8394	4.889	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	112988	4.686	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	79790	4.341	ug/L	98
71) Naphthalene	14.084	128	101613	3.818	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	69674	4.356	ug/L	99

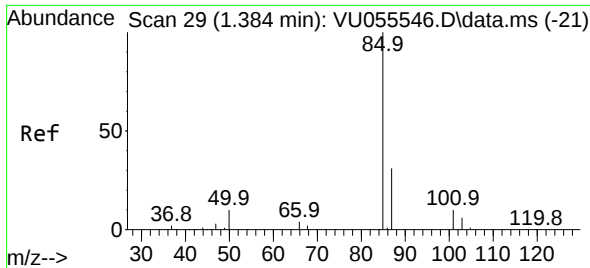
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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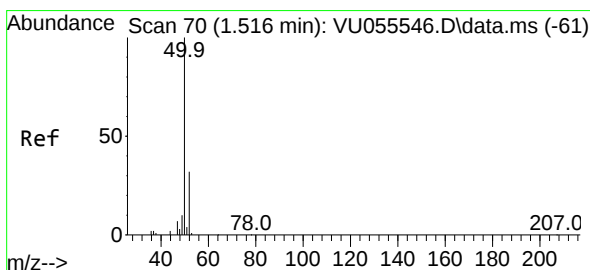
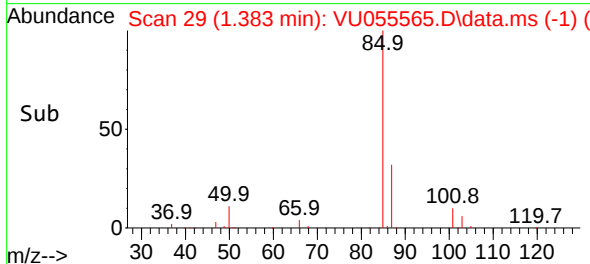
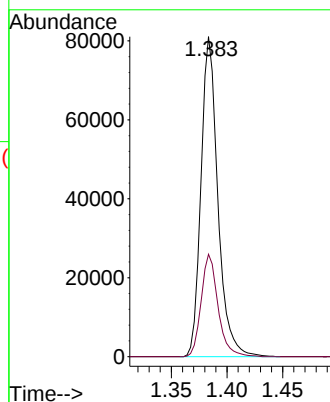
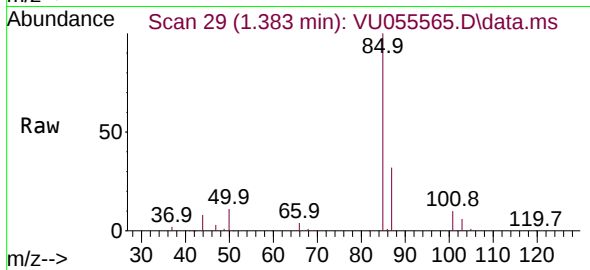




#2
 Dichlorodifluoromethane
 Concen: 4.273 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

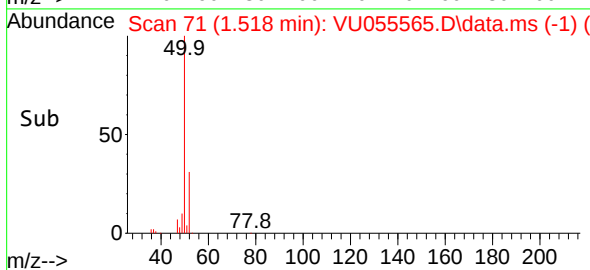
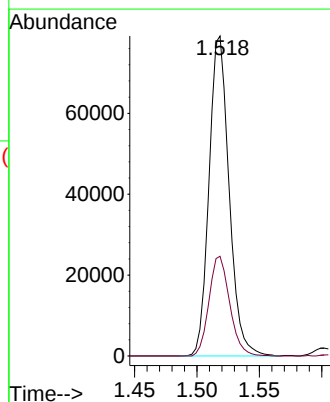
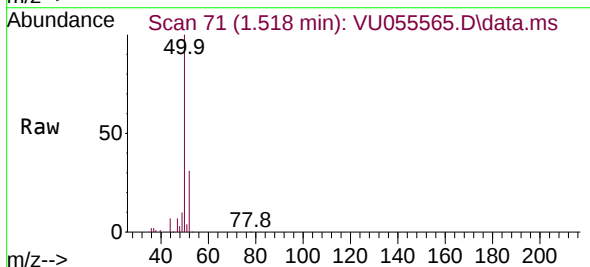
Instrument :
 MSVOA_U
 ClientSampleId :

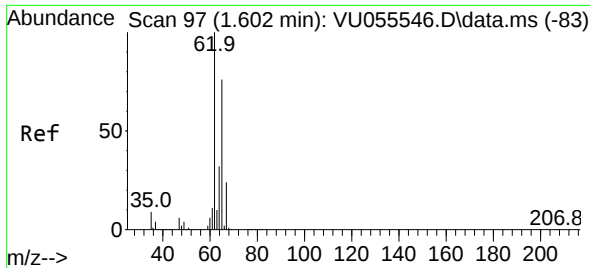
Tgt Ion: 85 Resp: 85445
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.035 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

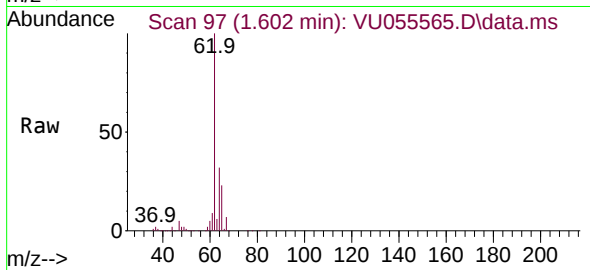
Tgt Ion: 50 Resp: 88564
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.9 42.5



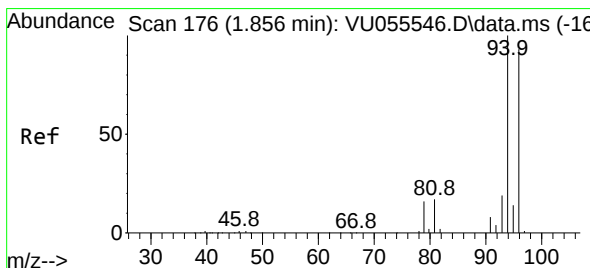
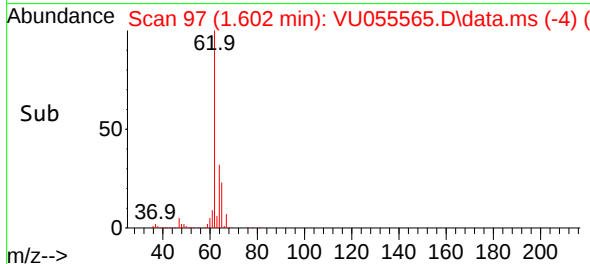
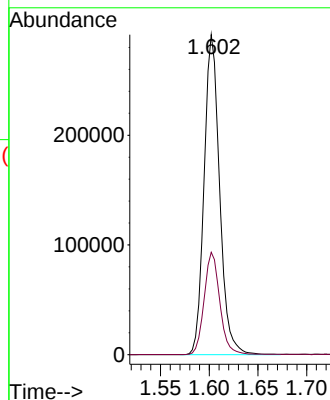


#5
 Vinyl chloride
 Concen: 17.020 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

Instrument :
 MSVOA_U
 ClientSampleId :

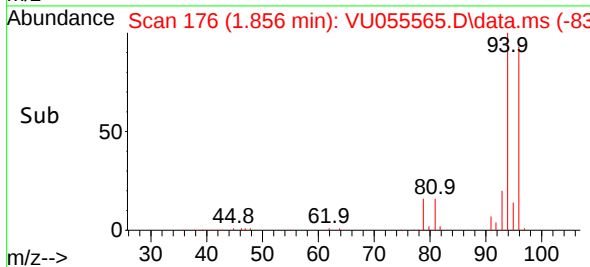
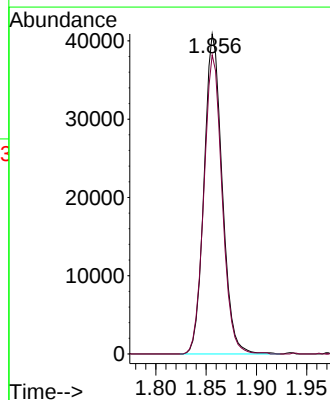
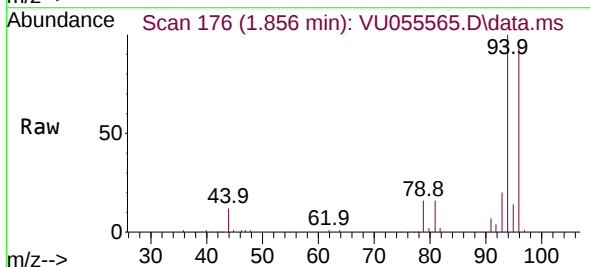


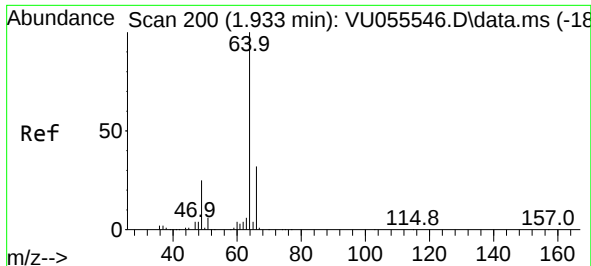
Tgt Ion: 62 Resp: 323021
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.3 41.5



#6
 Bromomethane
 Concen: 4.247 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

Tgt Ion: 94 Resp: 51195
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.4 123.2

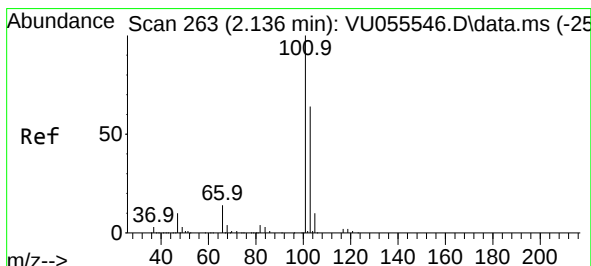
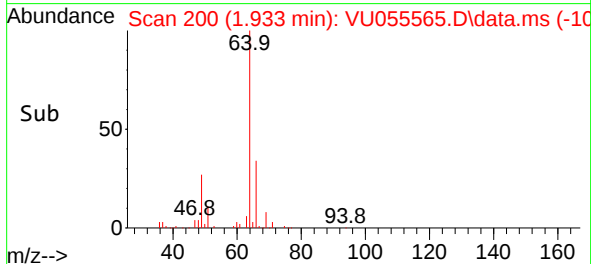
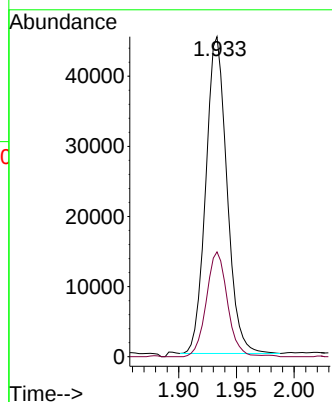
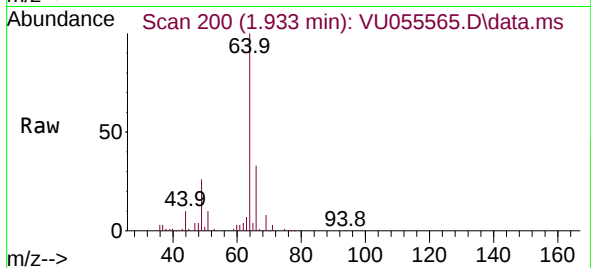




#8
Chloroethane
Concen: 4.653 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

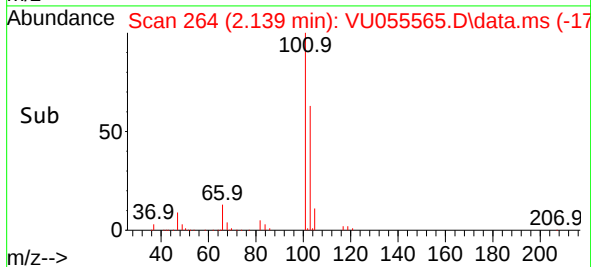
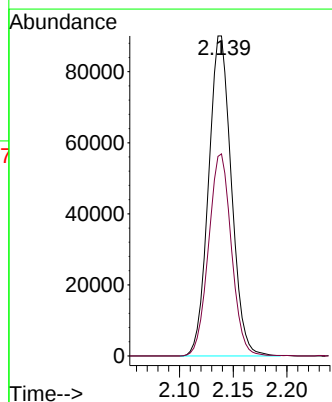
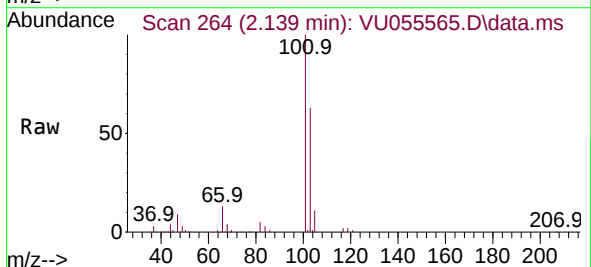
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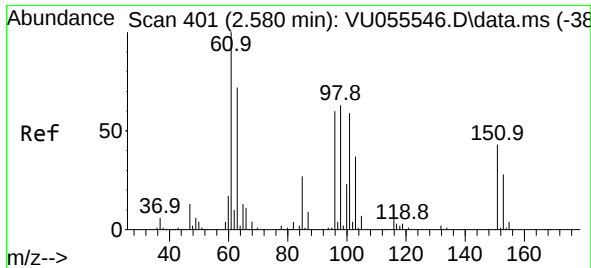
Tgt Ion: 64 Resp: 57626
Ion Ratio Lower Upper
64 100
66 32.7 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.056 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion:101 Resp: 133068
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

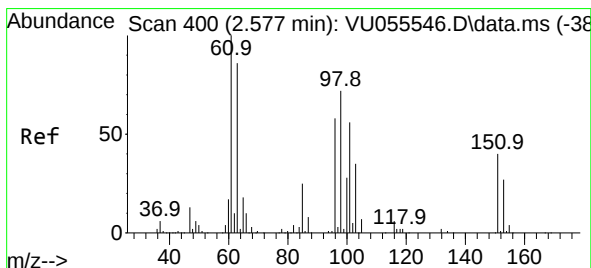
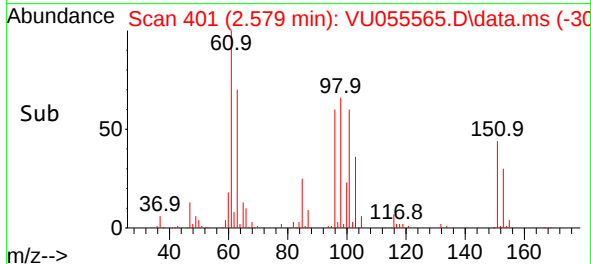
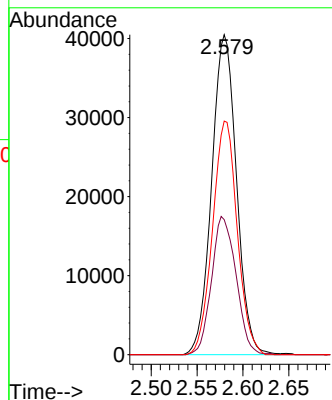
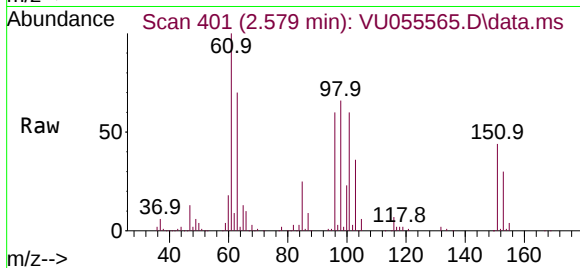




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.757 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

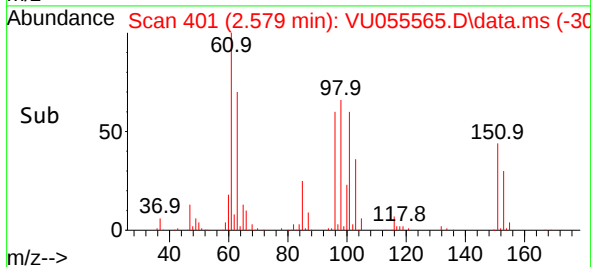
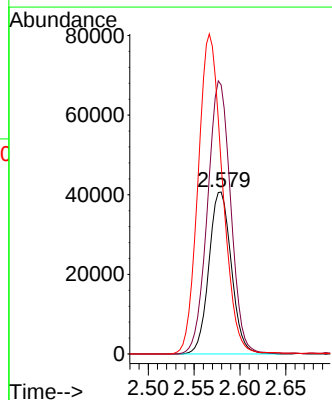
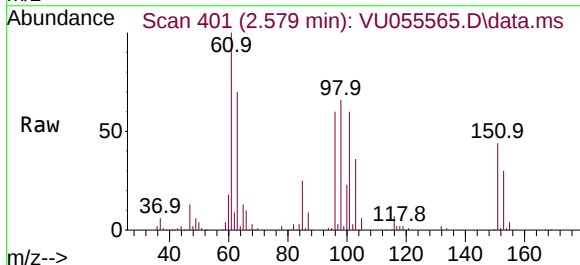
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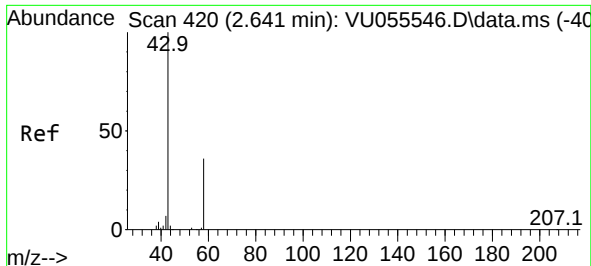
Tgt Ion:101 Resp: 76181
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.8 53.6
 151 72.7 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.816 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

Tgt Ion: 96 Resp: 69161
 Ion Ratio Lower Upper
 96 100
 61 166.2 114.5 212.7
 63 117.0 98.3 182.5





#13

Acetone

Concen: 43.118 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

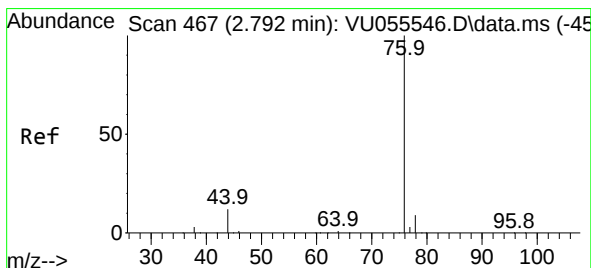
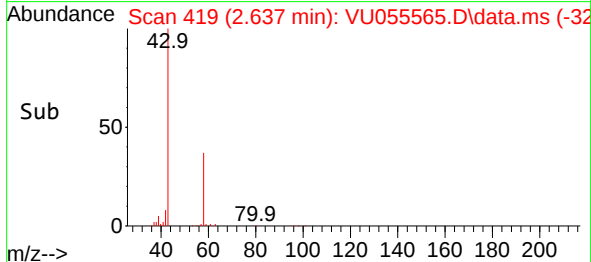
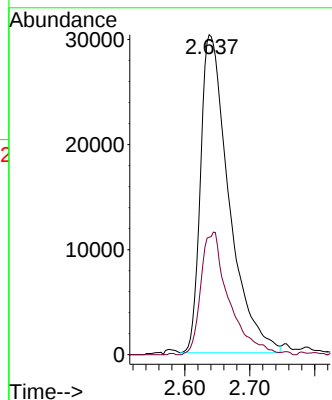
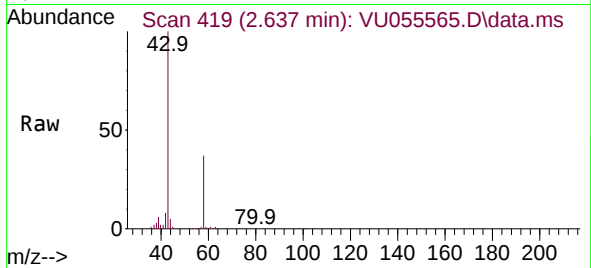
ClientSampleId :

Tgt Ion: 43 Resp: 92161

Ion Ratio Lower Upper

43 100

58 37.9 0.0 72.2



#14

Carbon disulfide

Concen: 4.878 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055565.D

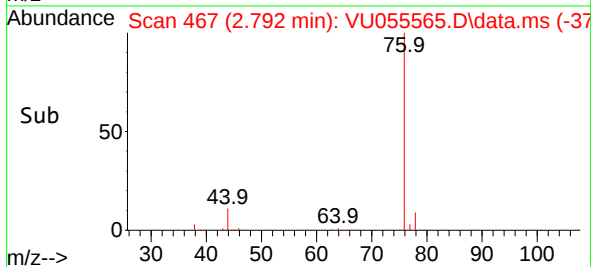
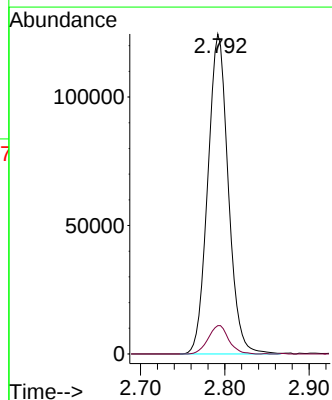
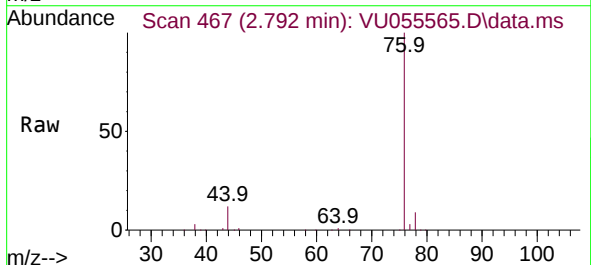
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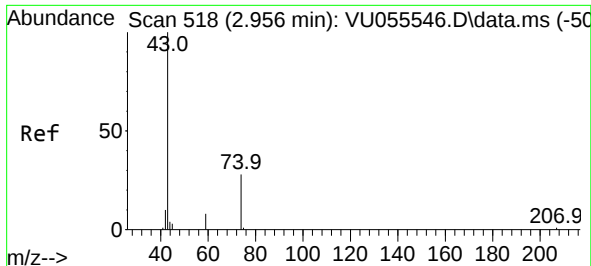
Tgt Ion: 76 Resp: 210594

Ion Ratio Lower Upper

76 100

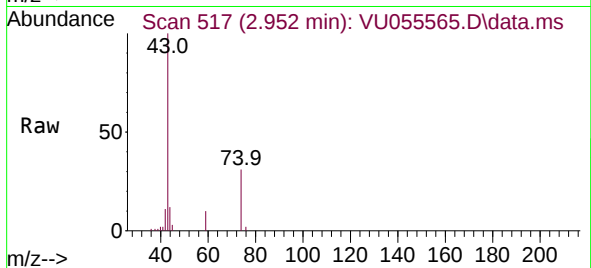
78 8.9 7.7 11.5



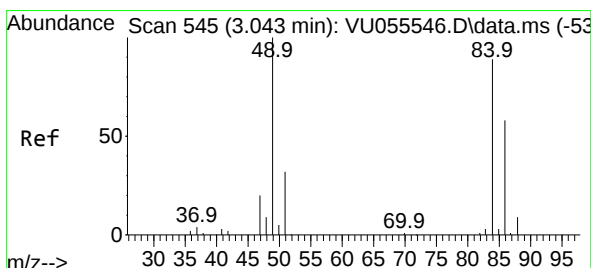
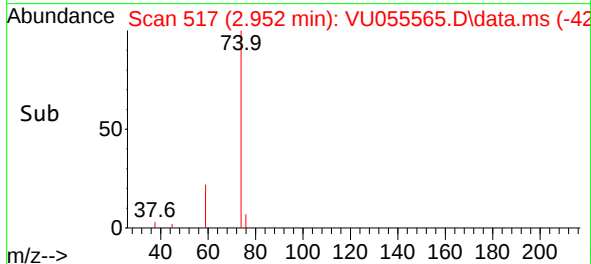
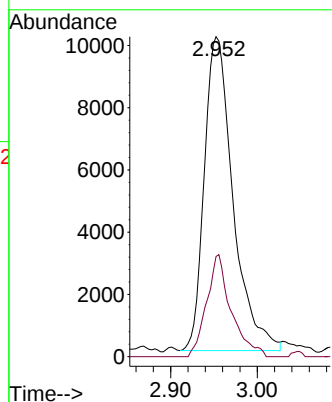


#15
Methyl Acetate
Concen: 4.773 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :

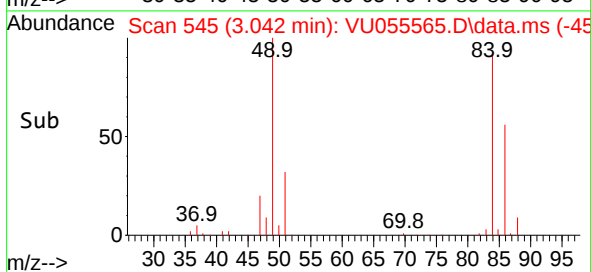
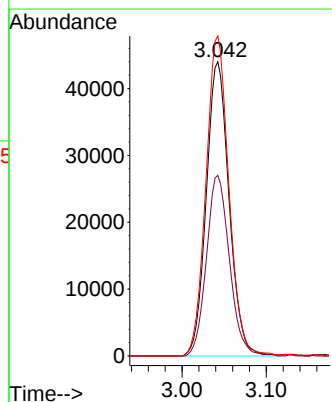
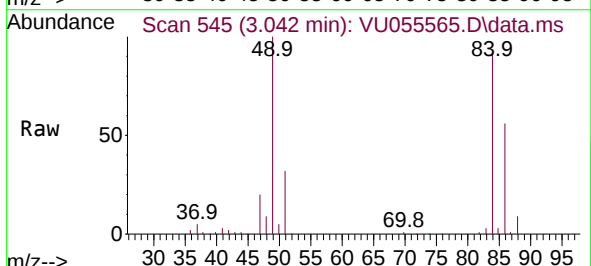


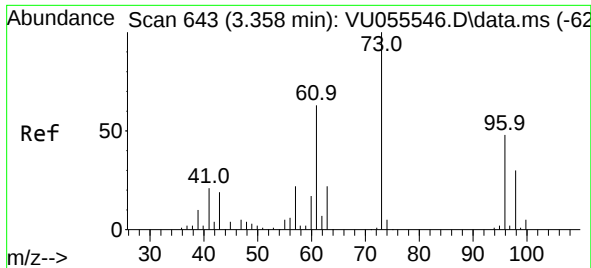
Tgt Ion: 43 Resp: 23262
Ion Ratio Lower Upper
43 100
74 27.6 22.3 33.5



#16
Methylene chloride
Concen: 4.814 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 84 Resp: 82827
Ion Ratio Lower Upper
84 100
86 61.4 44.9 83.3
49 108.7 78.8 146.3

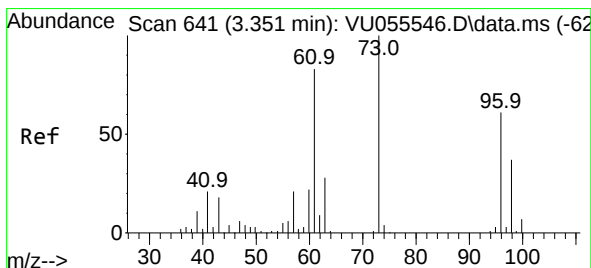
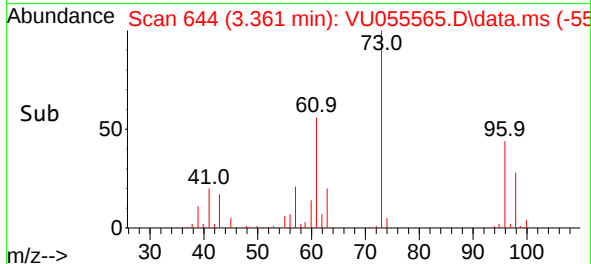
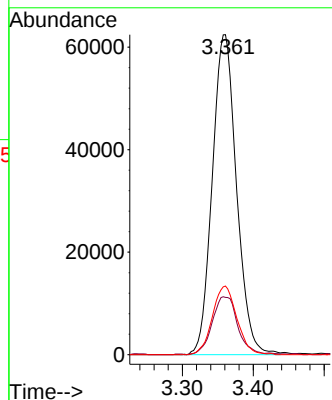
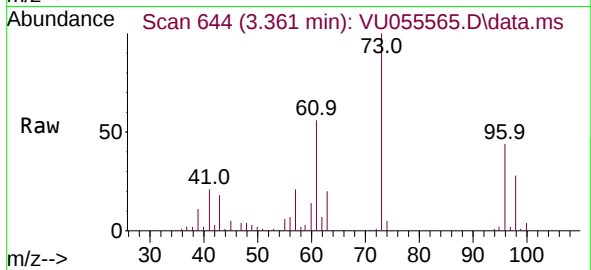




#17
Methyl tert-butyl Ether
Concen: 4.765 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

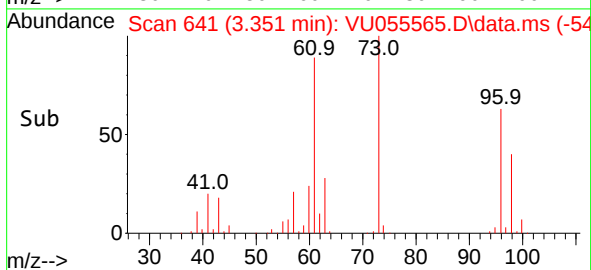
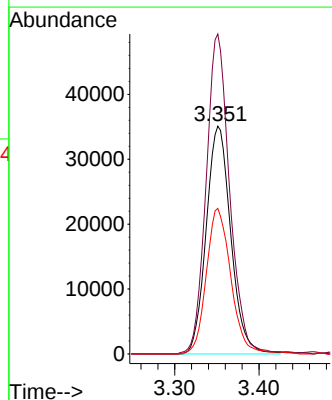
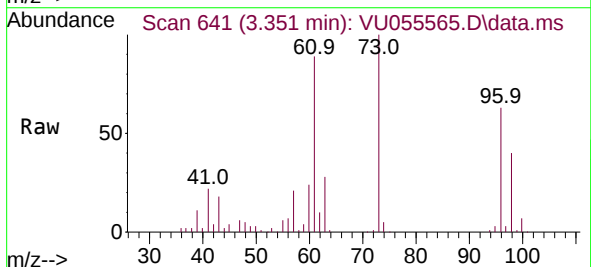
Instrument :
MSVOA_U
ClientSampleId :

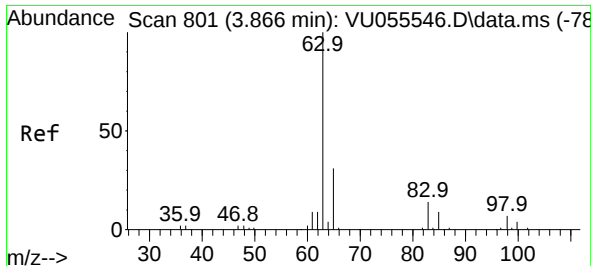
Tgt Ion: 73 Resp: 148434
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3
57 21.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.919 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 96 Resp: 71197
Ion Ratio Lower Upper
96 100
61 140.4 94.6 175.6
98 63.9 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.929 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

ClientSampleId :

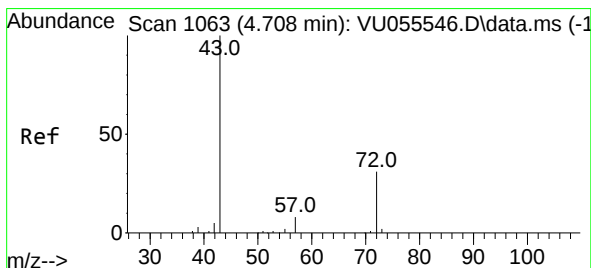
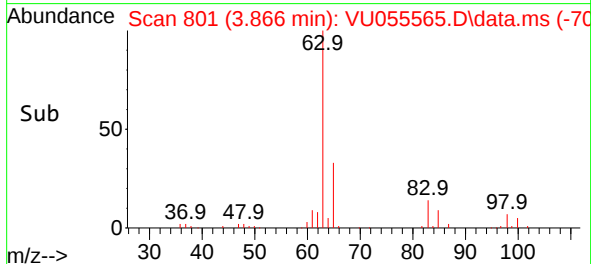
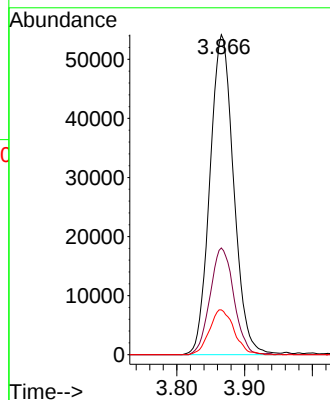
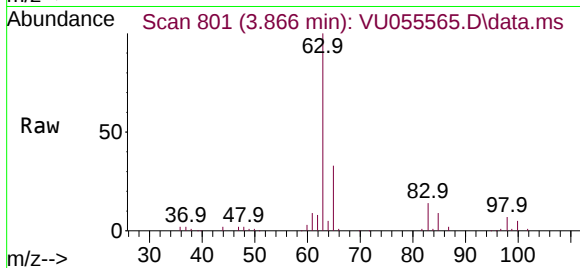
Tgt Ion: 63 Resp: 131935

Ion Ratio Lower Upper

63 100

65 33.4 22.0 41.0

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 48.739 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU055565.D

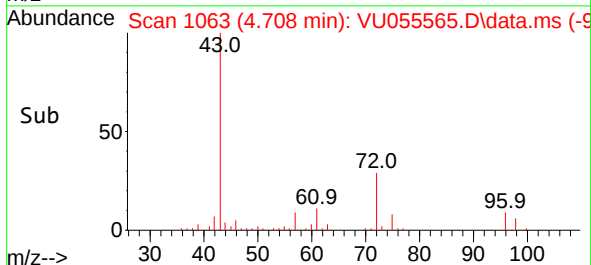
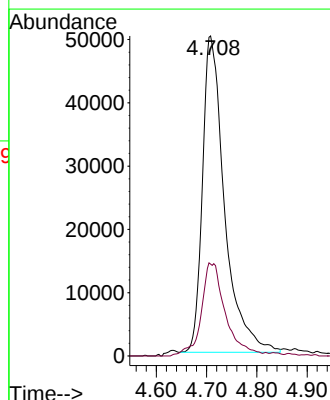
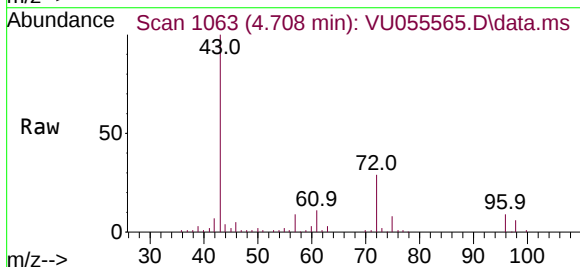
Acq: 27 Sep 2023 20:50

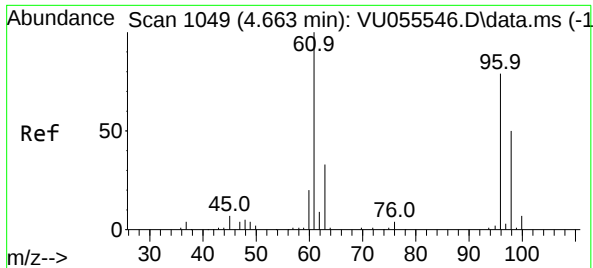
Tgt Ion: 43 Resp: 152794

Ion Ratio Lower Upper

43 100

72 31.9 15.1 45.3

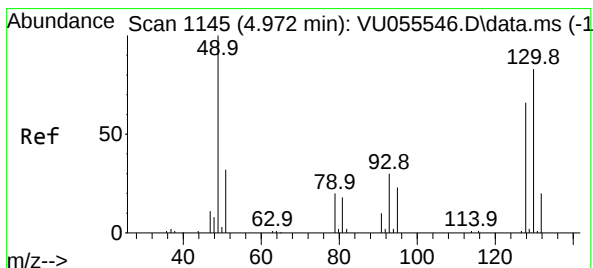
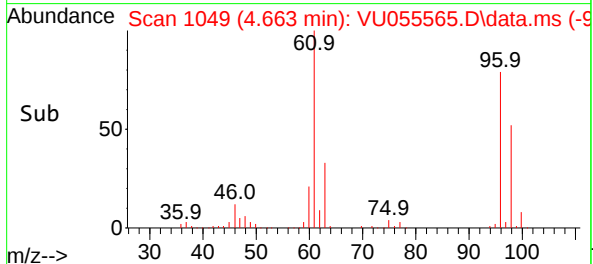
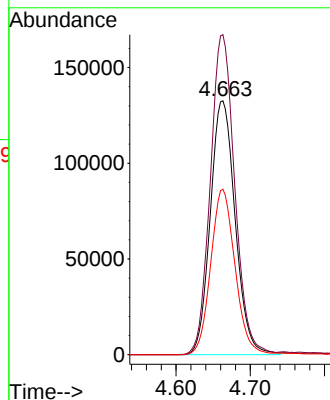
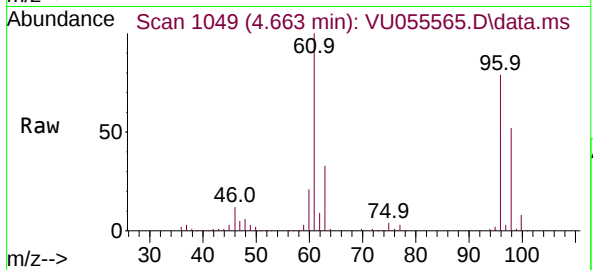




#22
 cis-1,2-Dichloroethene
 Concen: 18.422 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

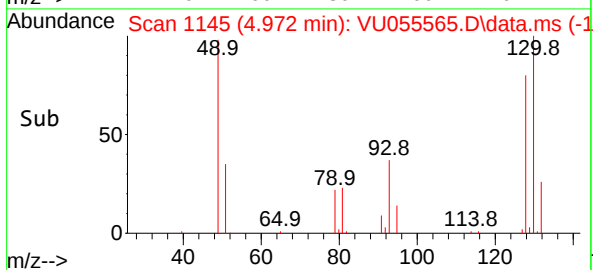
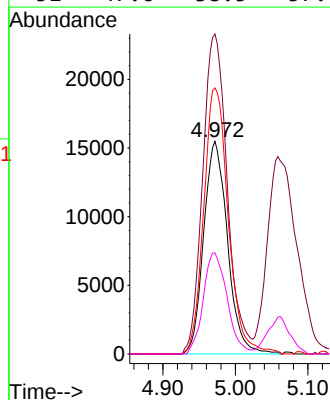
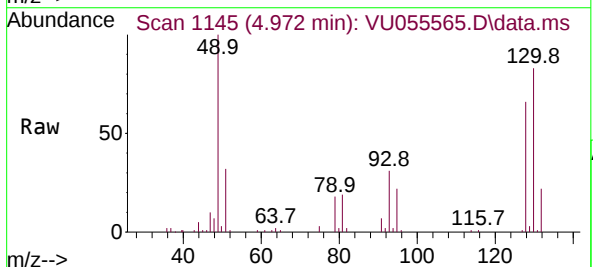
Instrument :
 MSVOA_U
 ClientSampleId :

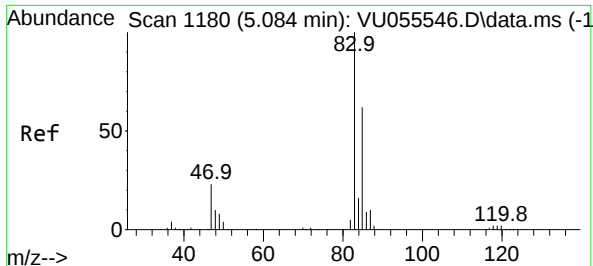
Tgt Ion: 96 Resp: 309157
 Ion Ratio Lower Upper
 96 100
 61 126.0 87.8 163.2
 98 65.2 44.4 82.4



#23
 Bromochloromethane
 Concen: 4.982 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

Tgt Ion: 128 Resp: 35336
 Ion Ratio Lower Upper
 128 100
 49 154.8 102.8 191.0
 130 125.1 89.9 166.9
 51 47.6 38.5 57.7





#25

Chloroform

Concen: 5.083 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

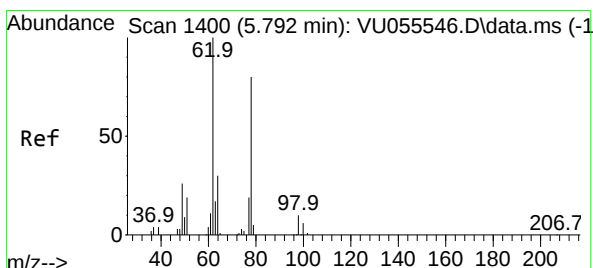
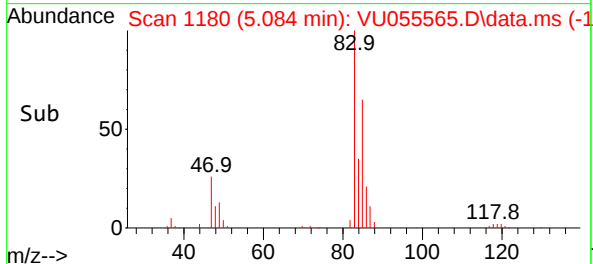
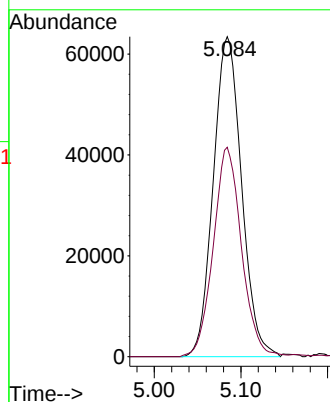
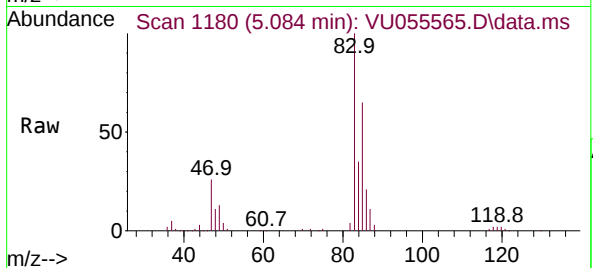
ClientSampleId :

Tgt Ion: 83 Resp: 144083

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.758 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055565.D

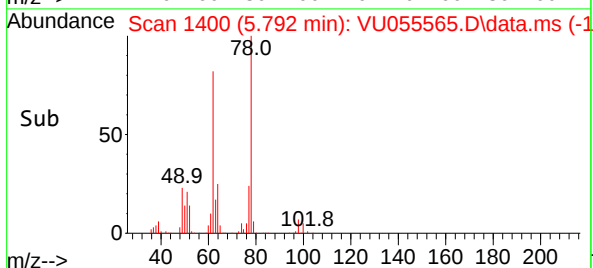
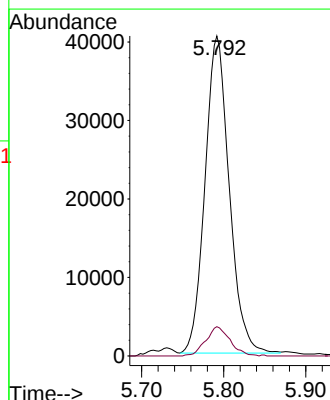
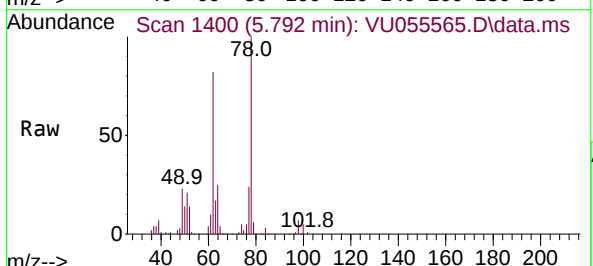
Acq: 27 Sep 2023 20:50

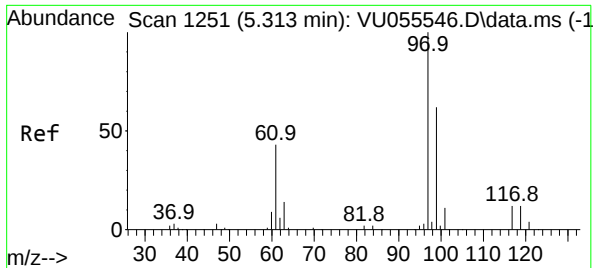
Tgt Ion: 62 Resp: 82716

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.4

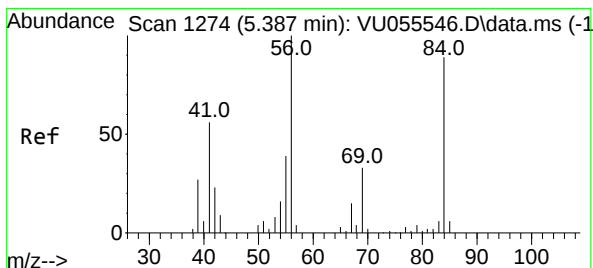
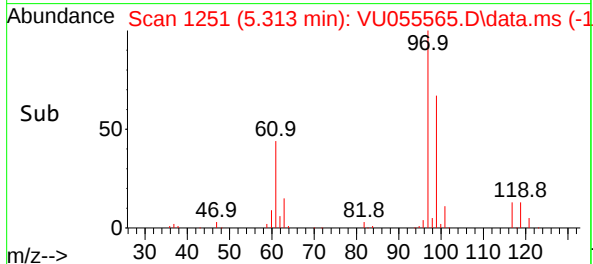
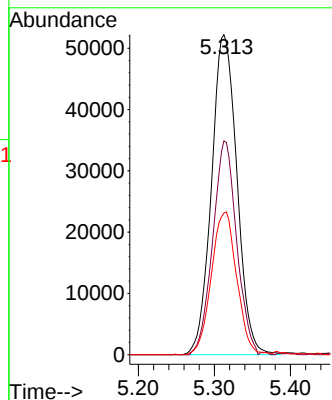
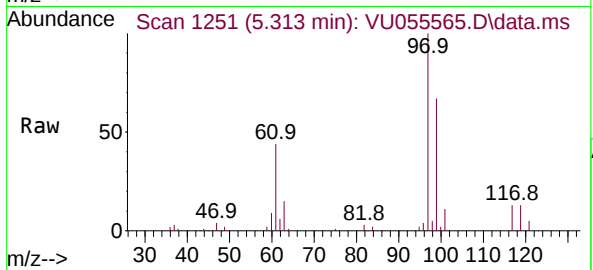




#29
1,1,1-Trichloroethane
Concen: 4.842 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

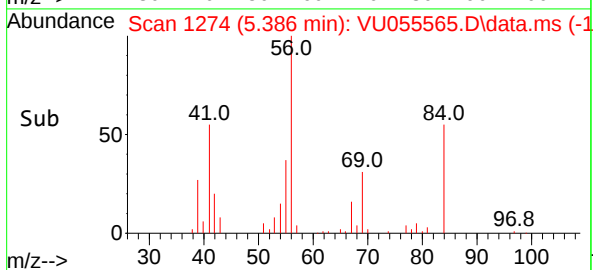
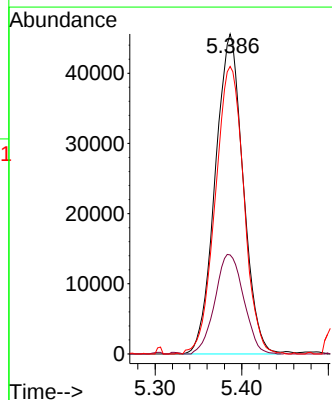
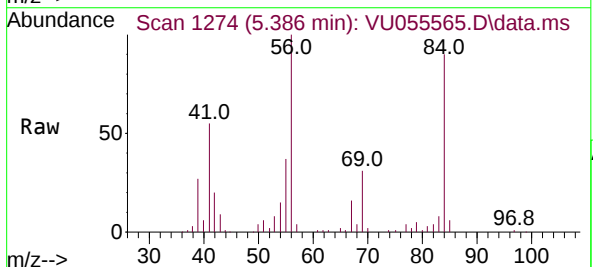
Instrument :
MSVOA_U
ClientSampleId :

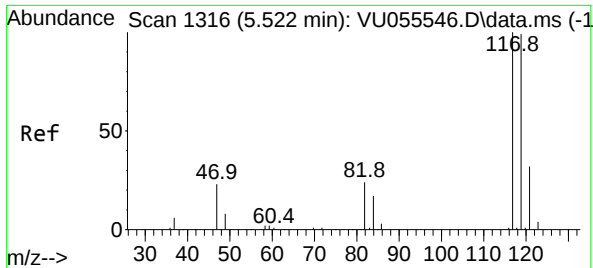
Tgt Ion: 97 Resp: 121420
Ion Ratio Lower Upper
97 100
99 62.8 50.7 76.1
61 44.4 34.6 51.8



#30
Cyclohexane
Concen: 4.442 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 56 Resp: 101982
Ion Ratio Lower Upper
56 100
69 31.9 26.5 39.7
84 92.0 72.6 108.8

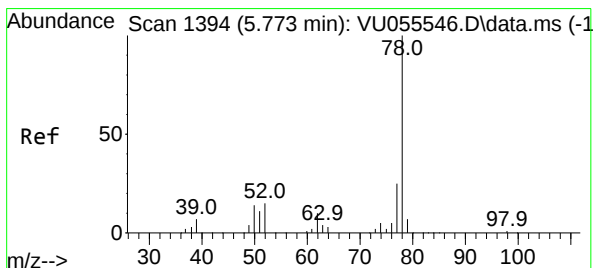
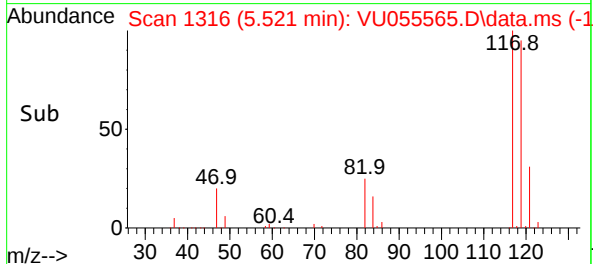
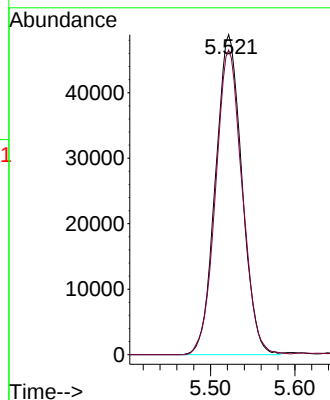
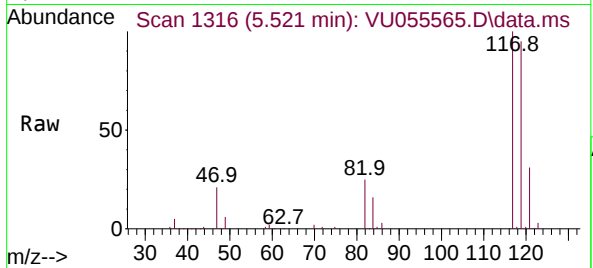




#31
Carbon tetrachloride
Concen: 4.945 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

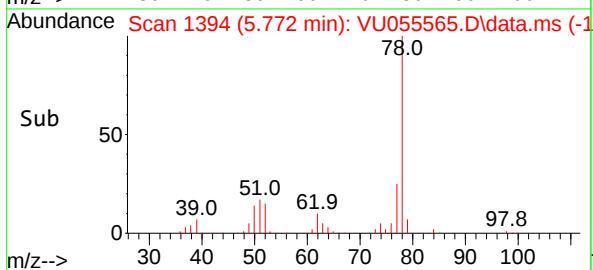
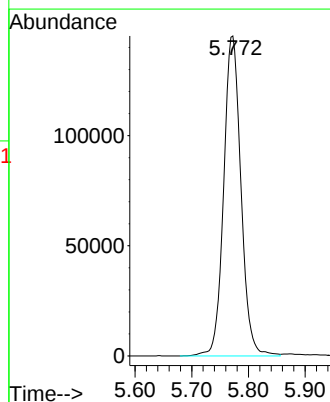
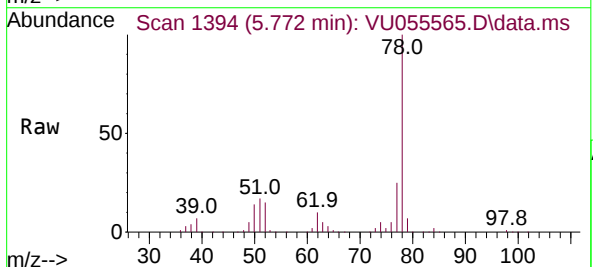
Instrument :
MSVOA_U
ClientSampleId :

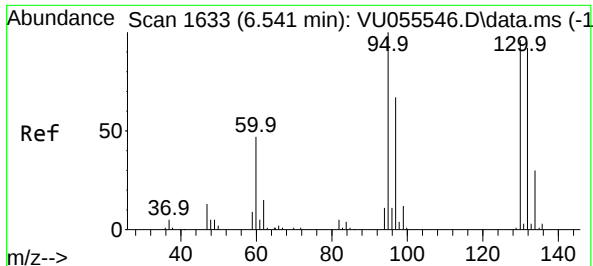
Tgt Ion:117 Resp: 106296
Ion Ratio Lower Upper
117 100
119 96.1 75.2 112.8



#33
Benzene
Concen: 4.861 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 78 Resp: 307794

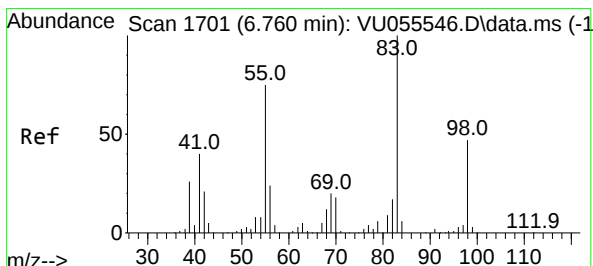
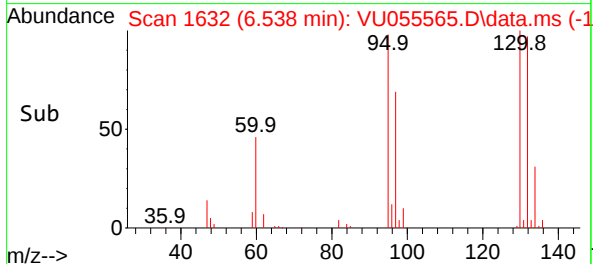
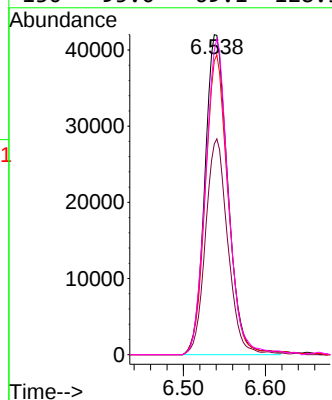
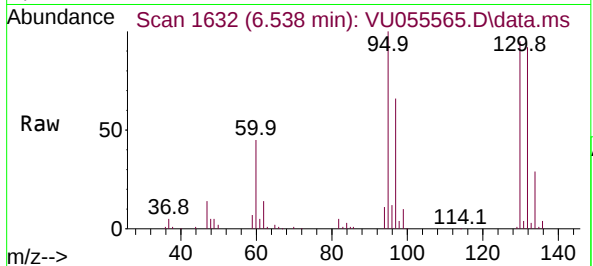




#34
Trichloroethene
Concen: 4.571 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

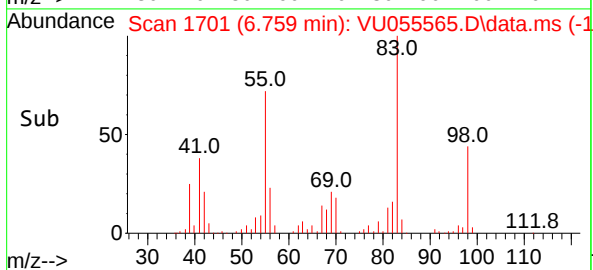
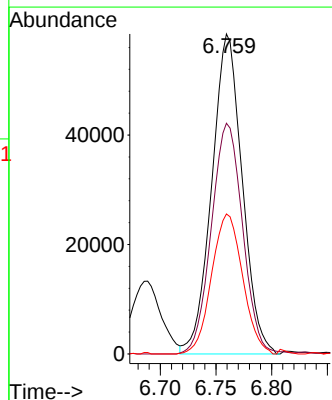
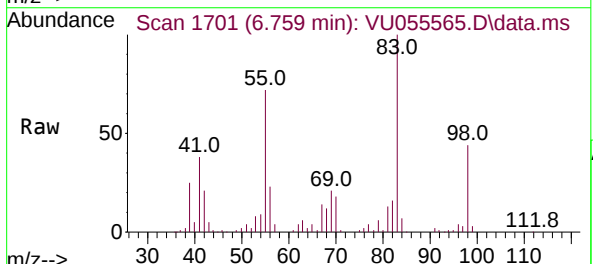
Instrument :
MSVOA_U
ClientSampleId :

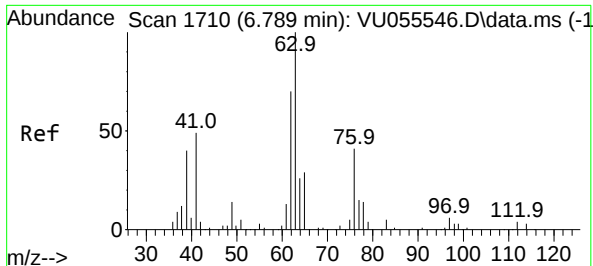
Tgt Ion: 95 Resp: 81872
Ion Ratio Lower Upper
95 100
97 65.9 45.4 84.2
132 91.8 65.2 121.2
130 95.0 69.1 128.3



#35
Methylcyclohexane
Concen: 4.306 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 83 Resp: 111099
Ion Ratio Lower Upper
83 100
55 74.1 59.1 88.7
98 44.7 36.3 54.5

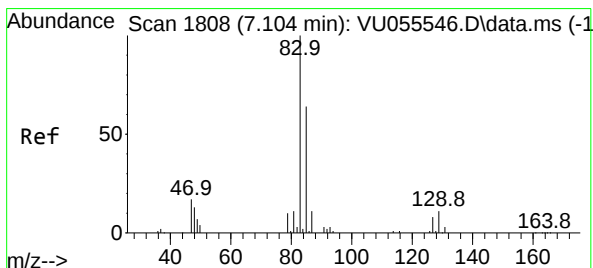
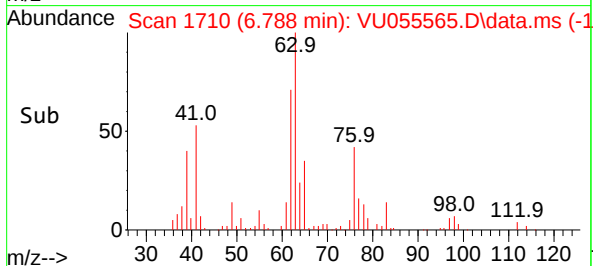
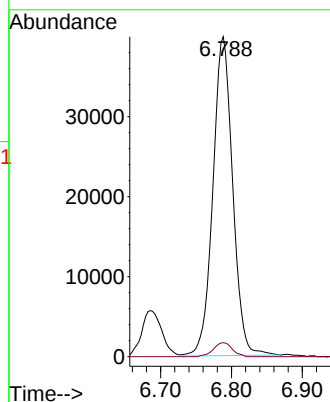
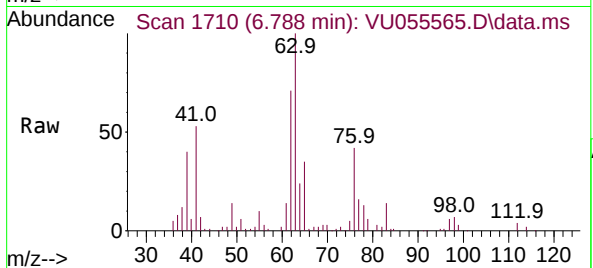




#37
1,2-Dichloropropane
Concen: 4.678 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

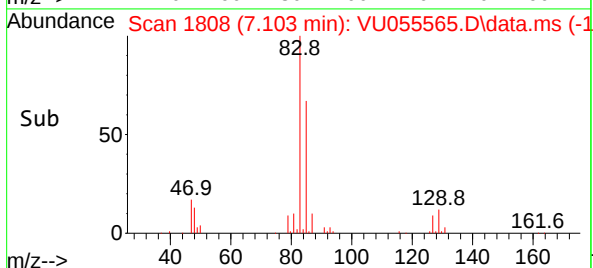
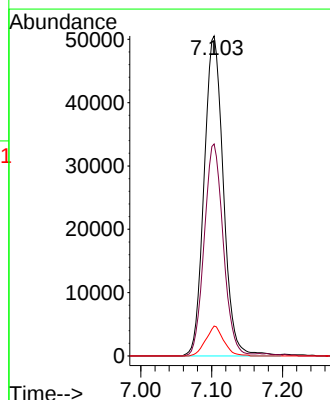
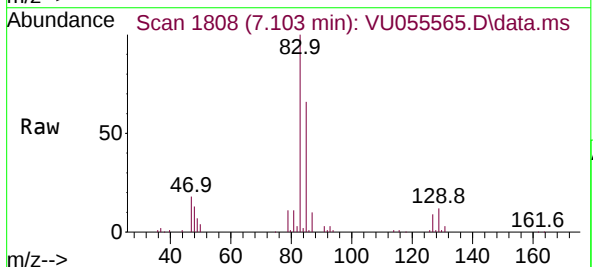
Instrument :
MSVOA_U
ClientSampleId :

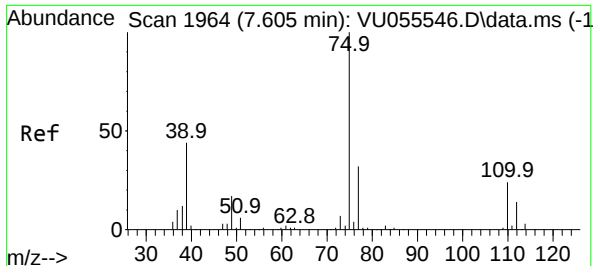
Tgt Ion: 63 Resp: 77470
Ion Ratio Lower Upper
63 100
112 4.2 3.0 4.6



#38
Bromodichloromethane
Concen: 4.921 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 83 Resp: 95498
Ion Ratio Lower Upper
83 100
85 66.3 46.8 86.8
127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.848 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

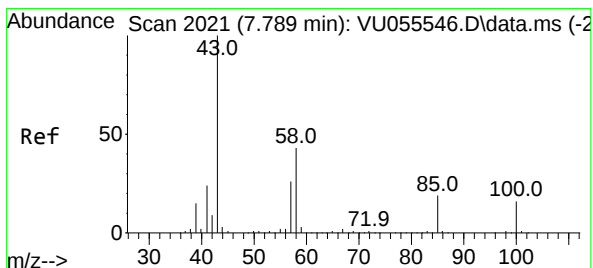
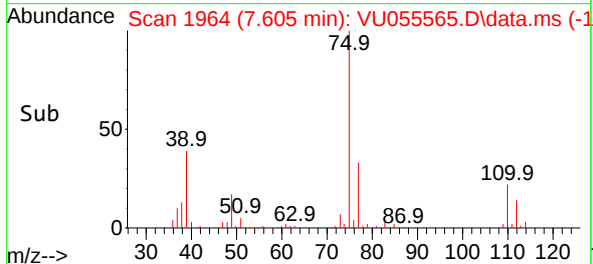
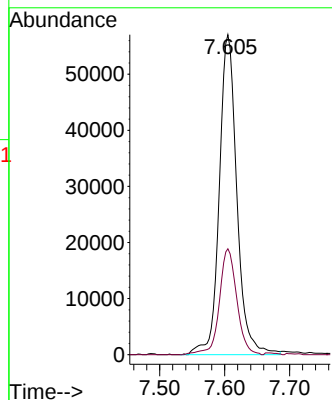
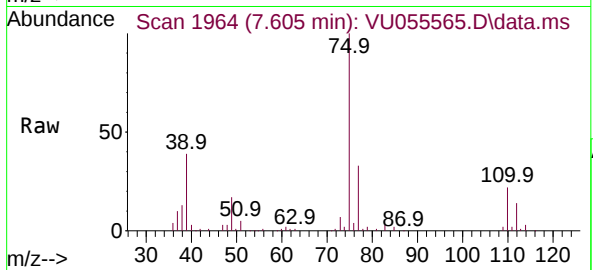
ClientSampleId :

Tgt Ion: 75 Resp: 107135

Ion Ratio Lower Upper

75 100

77 33.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 47.322 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

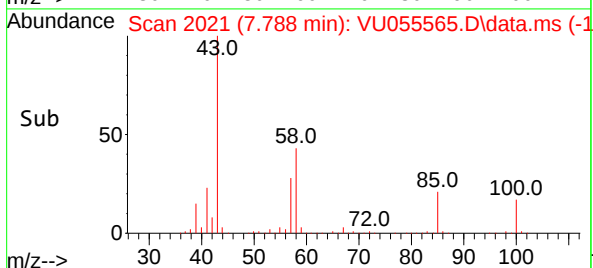
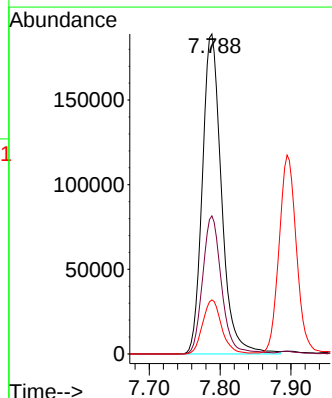
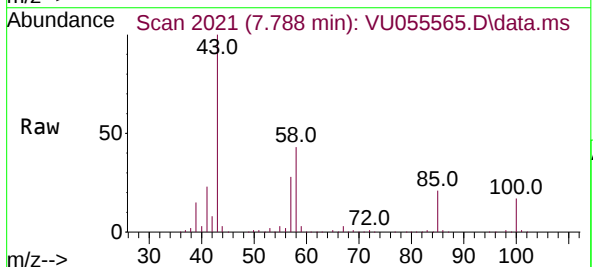
Tgt Ion: 43 Resp: 355450

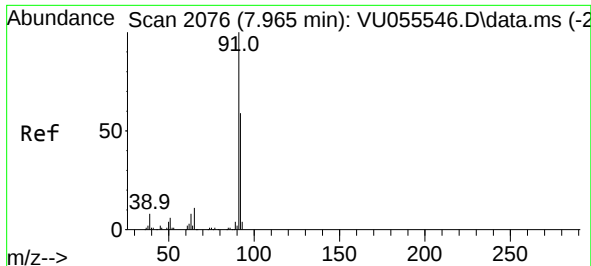
Ion Ratio Lower Upper

43 100

58 42.7 34.2 51.4

100 16.7 13.4 20.0





#42

Toluene

Concen: 4.886 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

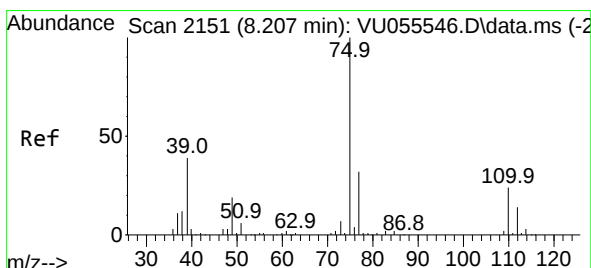
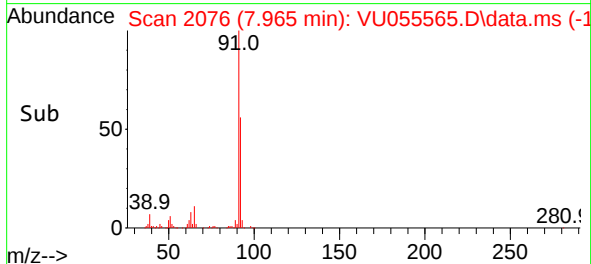
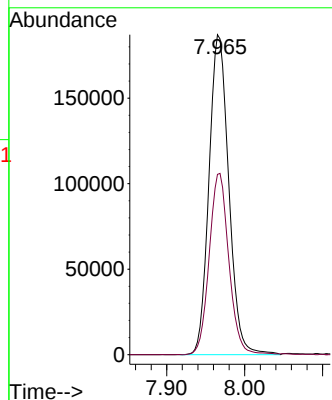
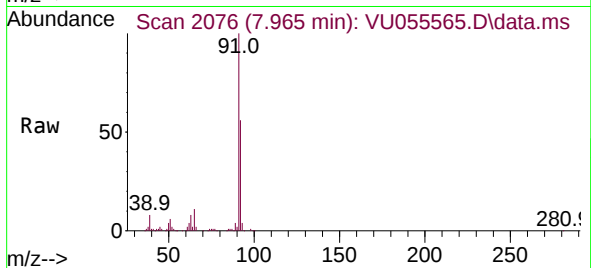
ClientSampleId :

Tgt Ion: 91 Resp: 329975

Ion Ratio Lower Upper

91 100

92 56.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.937 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055565.D

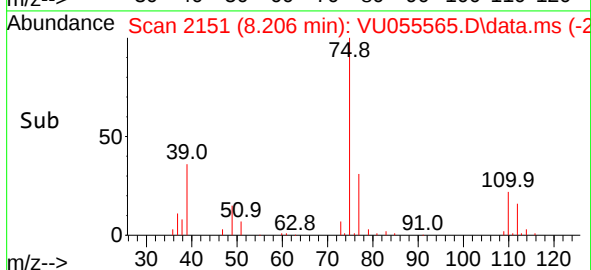
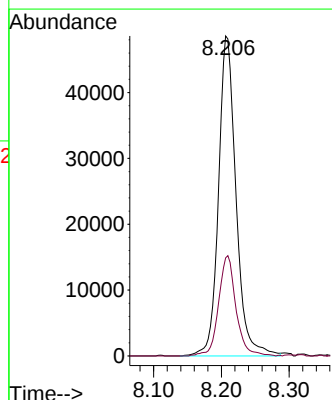
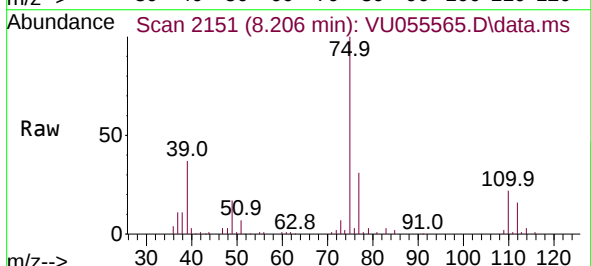
Acq: 27 Sep 2023 20:50

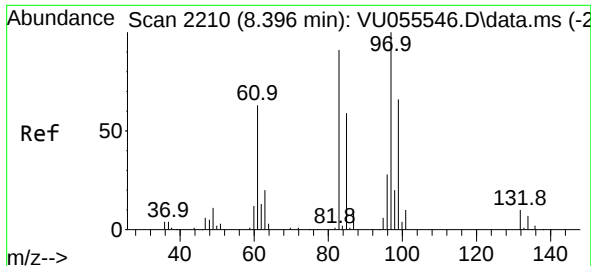
Tgt Ion: 75 Resp: 87297

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.922 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. -0.000 min

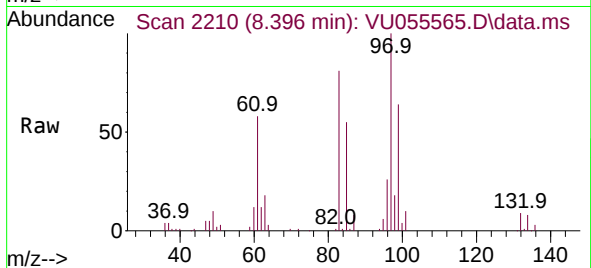
Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 57141

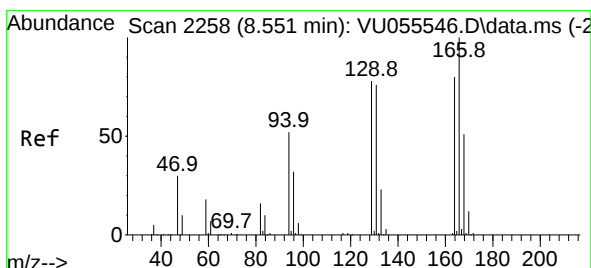
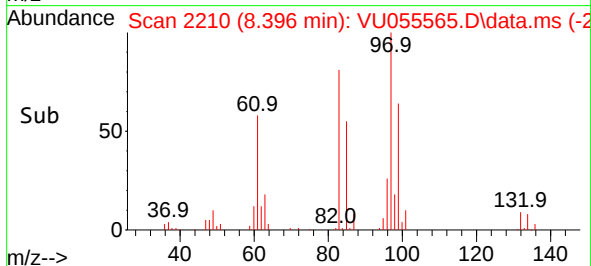
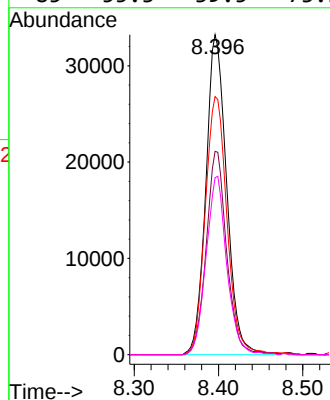
Ion Ratio Lower Upper

97 100

99 63.6 44.1 81.9

83 80.7 61.5 114.1

85 55.3 39.5 73.3



#47

Tetrachloroethene

Concen: 4.893 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Tgt Ion: 164 Resp: 62868

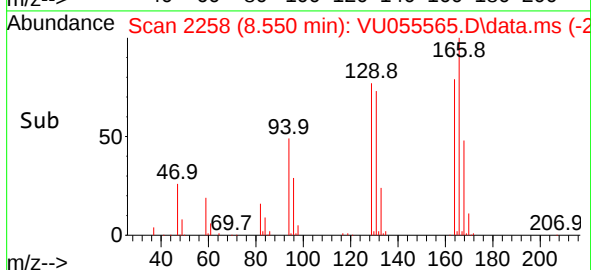
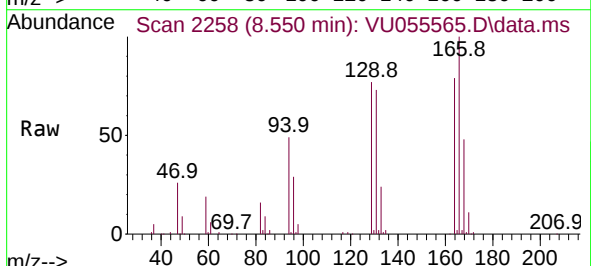
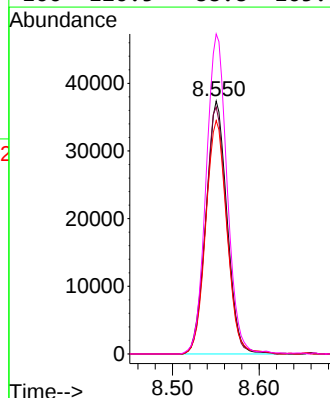
Ion Ratio Lower Upper

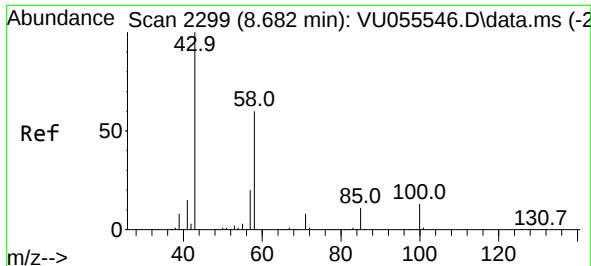
164 100

129 97.6 67.4 125.2

131 92.3 66.4 123.2

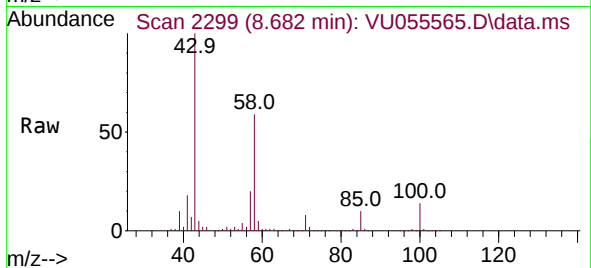
166 126.5 88.8 165.0



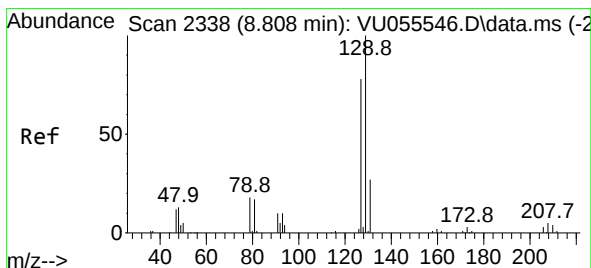
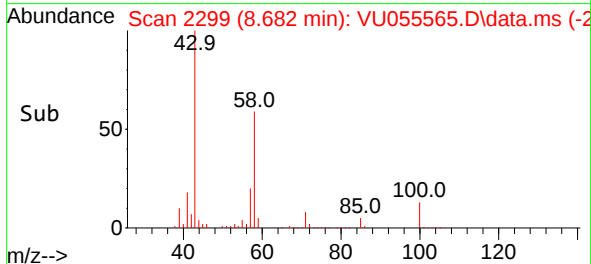
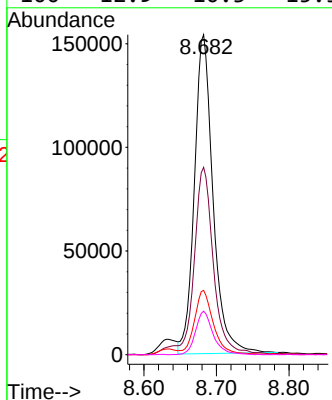


#48
2-Hexanone
Concen: 47.273 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :

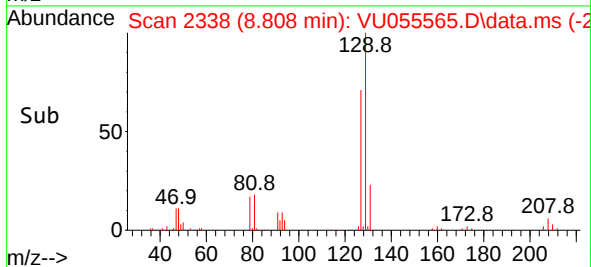
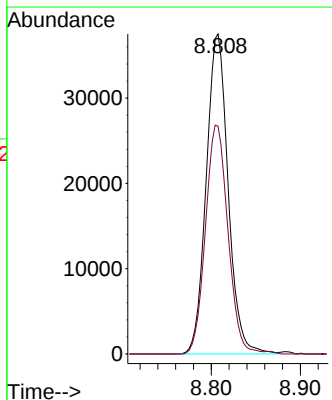
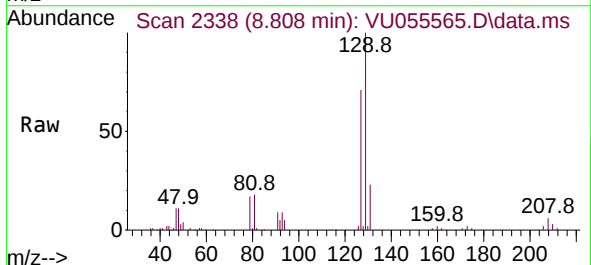


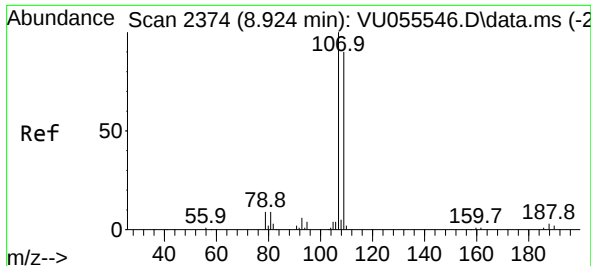
Tgt Ion:	43	Resp:	275196
Ion	Ratio	Lower	Upper
43	100		
58	62.1	48.5	72.7
57	20.4	17.0	25.4
100	12.9	10.3	15.5



#49
Dibromochloromethane
Concen: 5.266 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

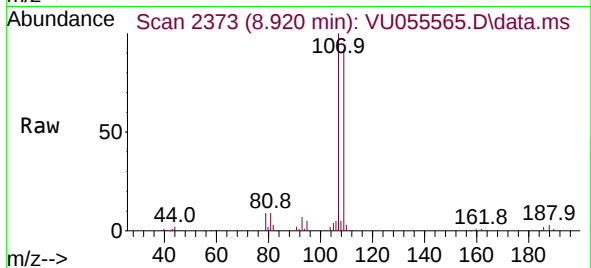
Tgt Ion:	129	Resp:	64085
Ion	Ratio	Lower	Upper
129	100		
127	71.2	56.8	105.6



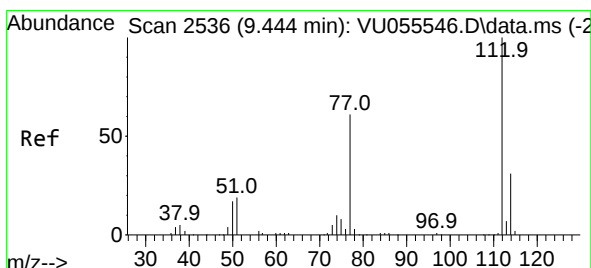
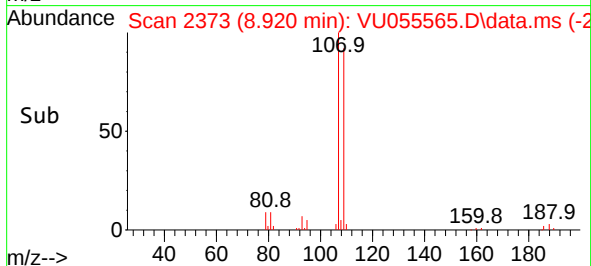
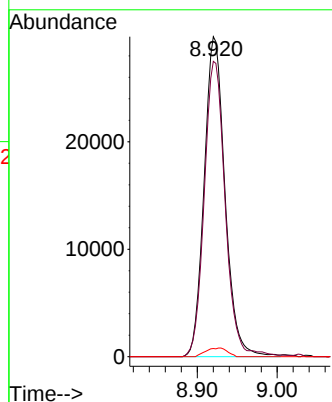


#50
1,2-Dibromoethane
Concen: 5.016 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Instrument :
MSVOA_U
ClientSampleId :

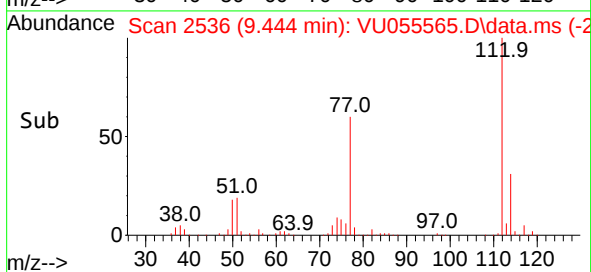
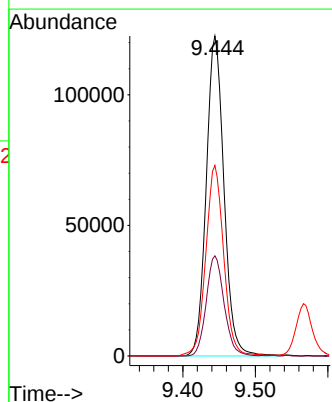
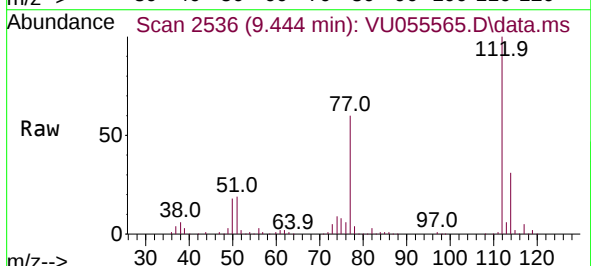


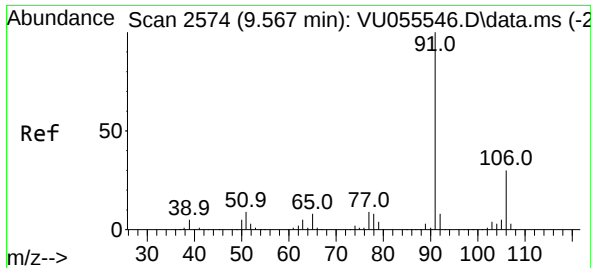
Tgt Ion:107 Resp: 54045
Ion Ratio Lower Upper
107 100
109 92.3 66.1 122.8
188 2.5 3.2 4.8#



#51
Chlorobenzene
Concen: 4.810 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion:112 Resp: 208087
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 59.5 46.9 70.3

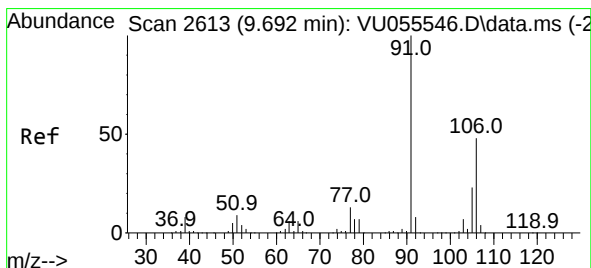
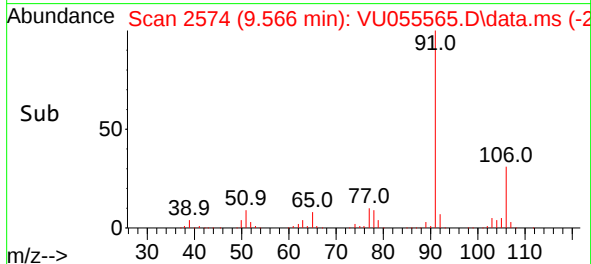
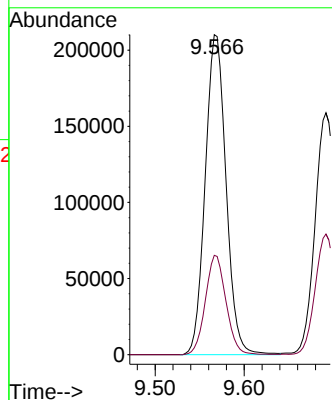
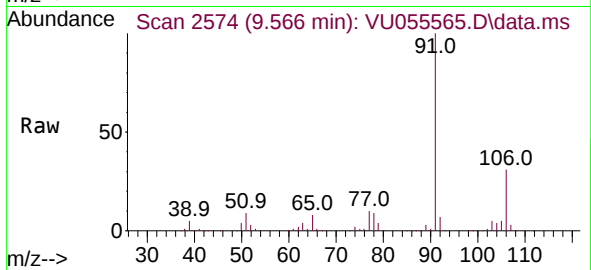




#52
Ethylbenzene
Concen: 4.718 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

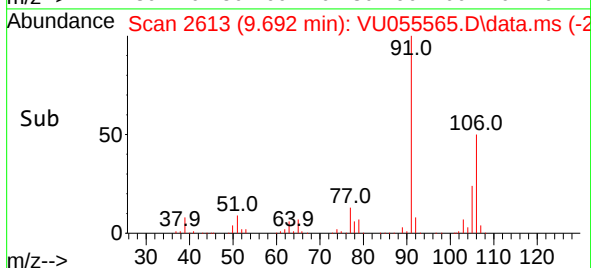
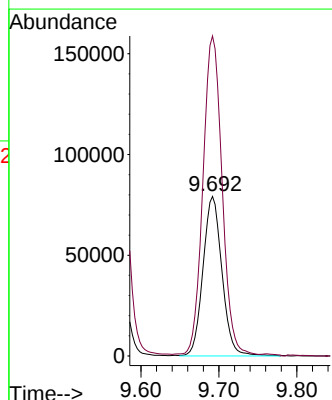
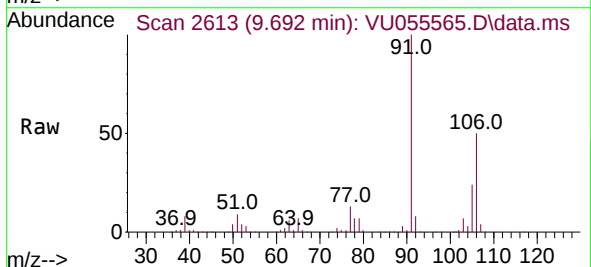
Instrument :
MSVOA_U
ClientSampleId :

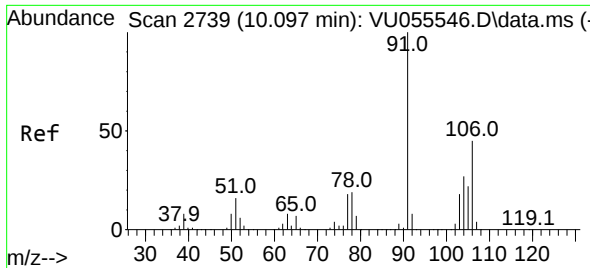
Tgt Ion: 91 Resp: 341623
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 4.944 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 106 Resp: 134144
Ion Ratio Lower Upper
106 100
91 200.6 144.8 269.0

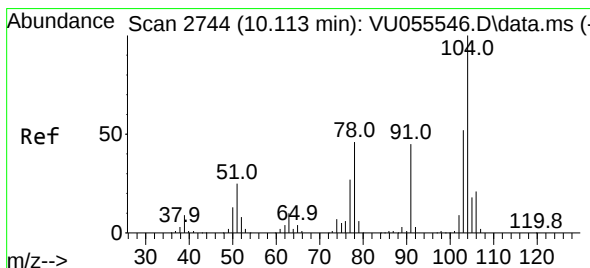
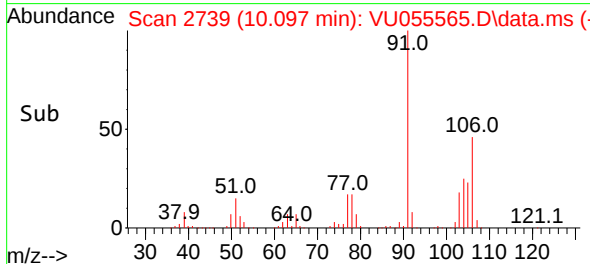
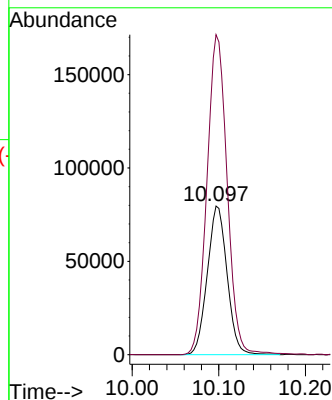
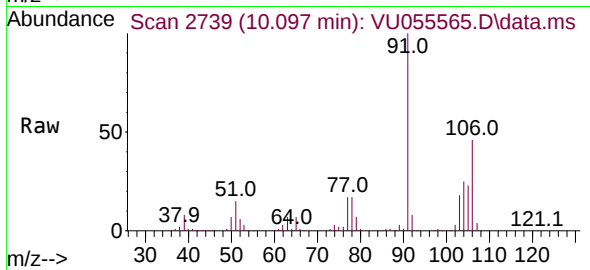




#54
o-Xylene
Concen: 4.789 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

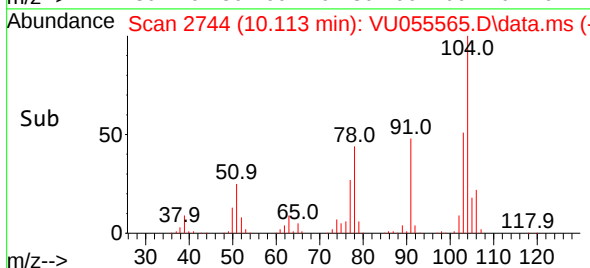
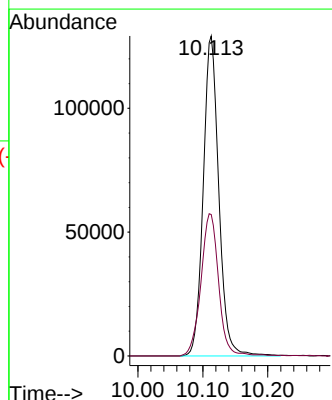
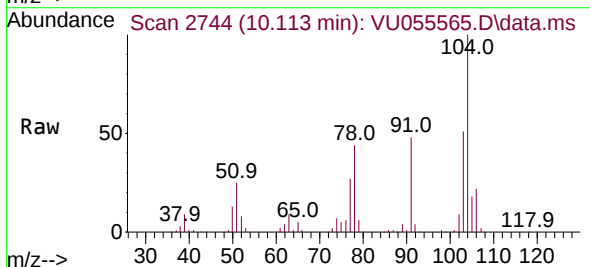
Instrument :
MSVOA_U
ClientSampleId :

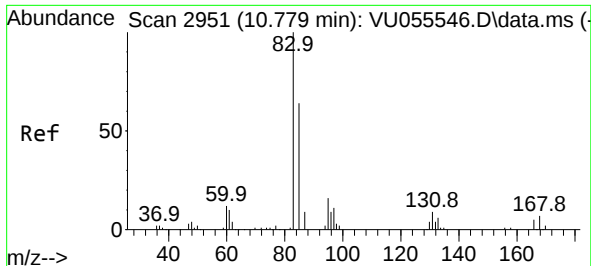
Tgt Ion:106 Resp: 126327
Ion Ratio Lower Upper
106 100
91 215.3 157.6 292.8



#55
Styrene
Concen: 5.062 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion:104 Resp: 215942
Ion Ratio Lower Upper
104 100
78 44.2 31.2 58.0

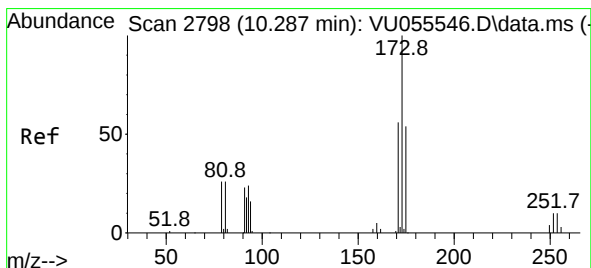
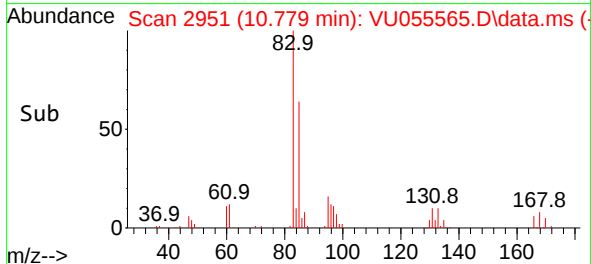
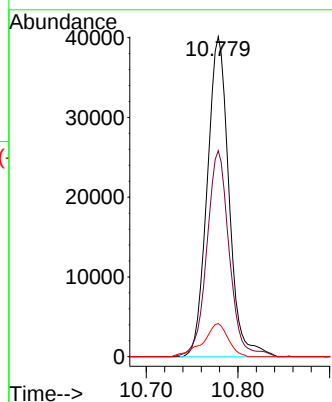
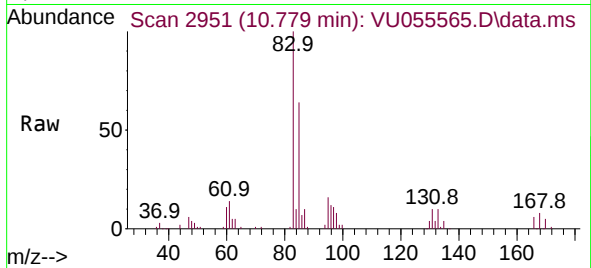




#57
1,1,2,2-Tetrachloroethane
Concen: 5.046 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

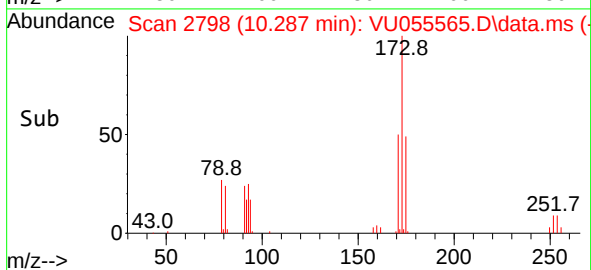
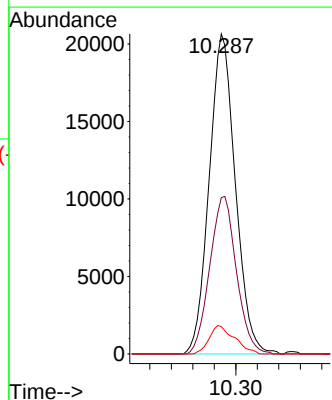
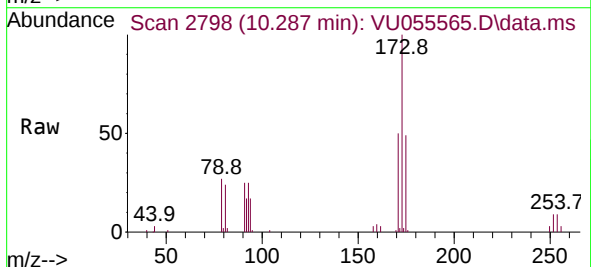
Instrument :
MSVOA_U
ClientSampleId :

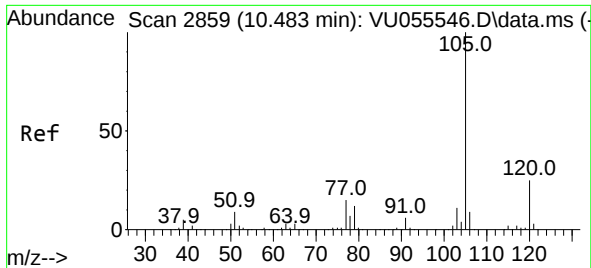
Tgt Ion: 83 Resp: 66136
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.5
131 10.3 7.4 11.2



#59
Bromoform
Concen: 5.129 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 173 Resp: 34881
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.2
254 8.6 7.3 10.9

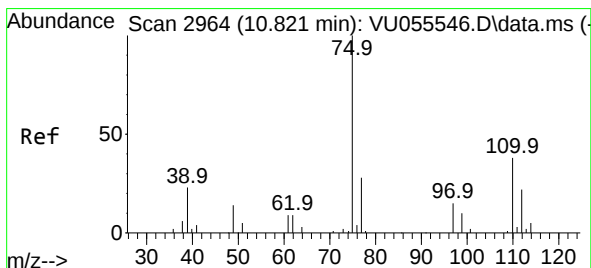
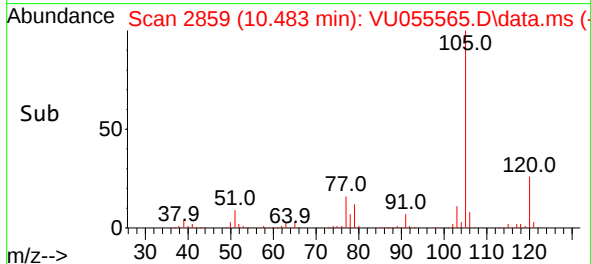
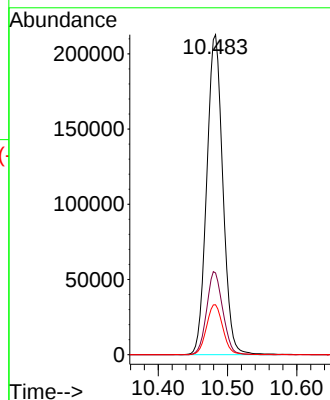
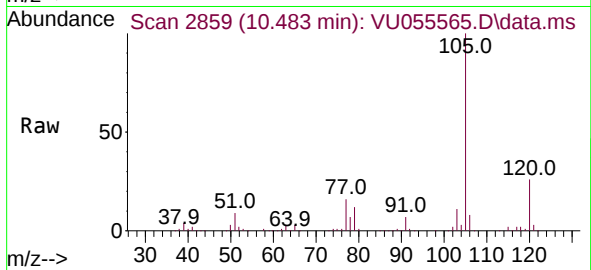




#60
Isopropylbenzene
Concen: 4.680 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

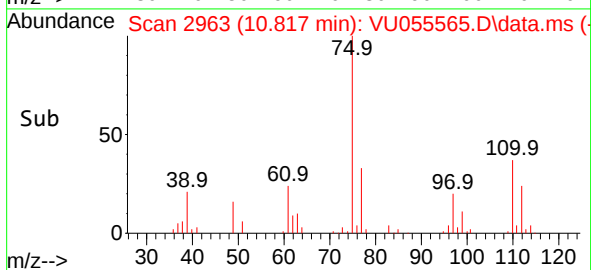
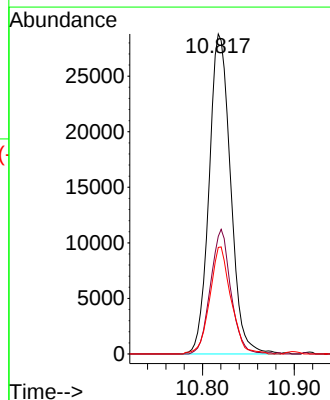
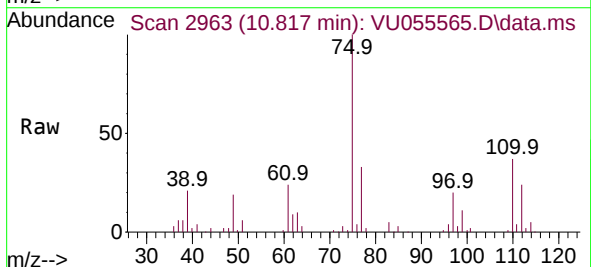
Instrument :
MSVOA_U
ClientSampleId :

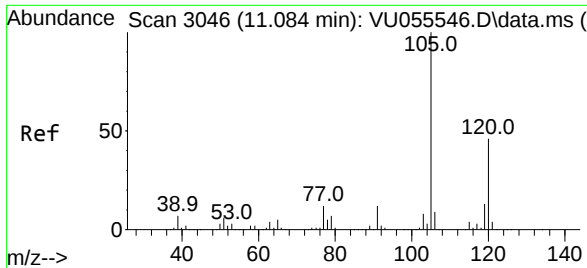
Tgt Ion:105 Resp: 342239
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.736 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

Tgt Ion: 75 Resp: 46912
Ion Ratio Lower Upper
75 100
110 37.0 30.6 45.8
77 33.1 26.7 40.1

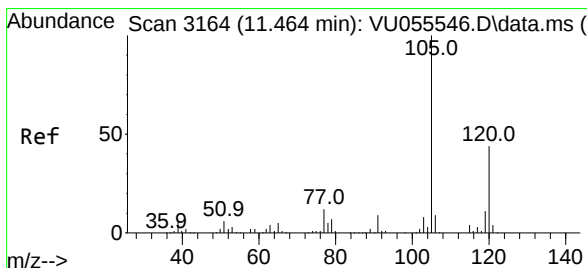
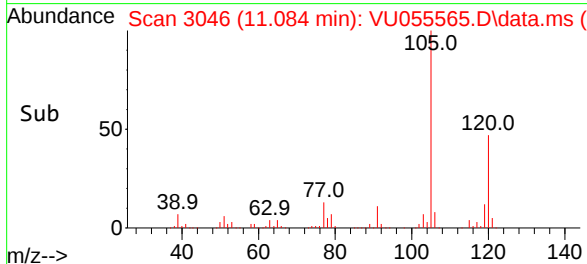
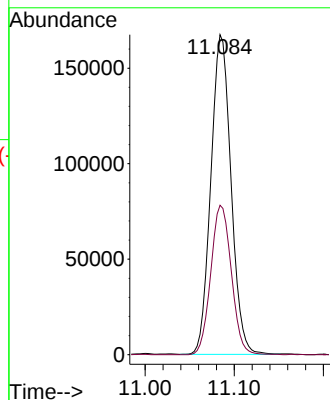
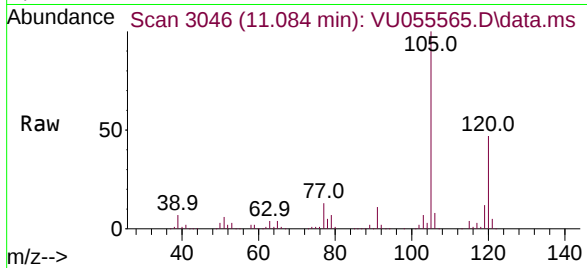




#62
 1,3,5-Trimethylbenzene
 Concen: 4.489 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

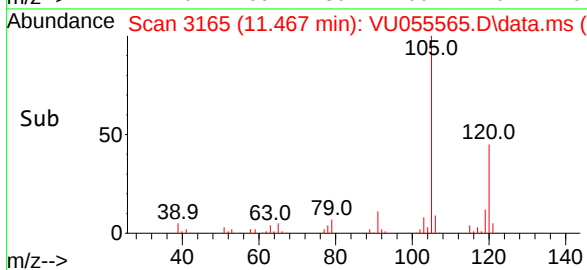
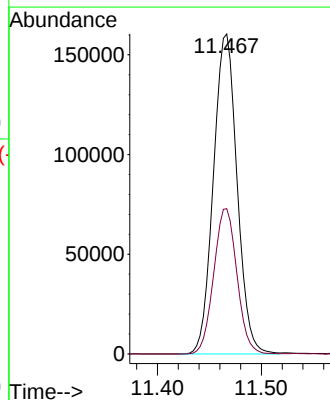
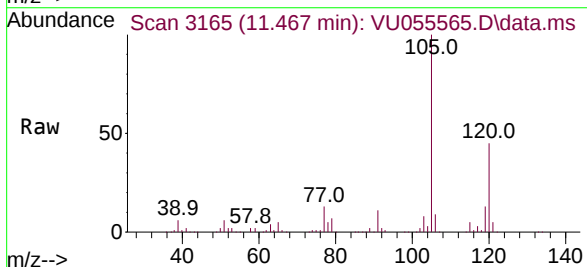
Instrument :
 MSVOA_U
 ClientSampleId :

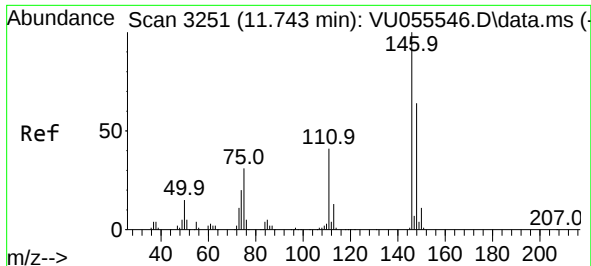
Tgt Ion:105 Resp: 262551
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.438 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

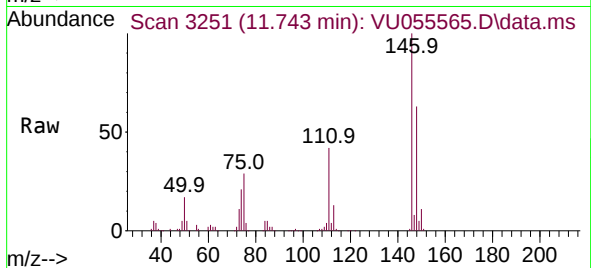
Tgt Ion:105 Resp: 254044
 Ion Ratio Lower Upper
 105 100
 120 44.6 34.9 52.3



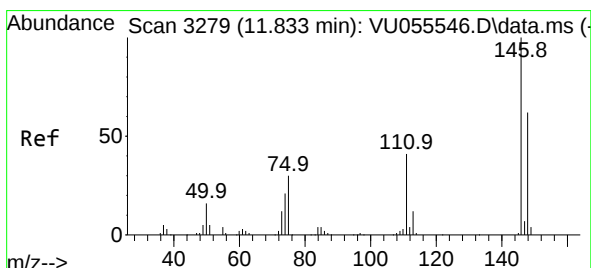
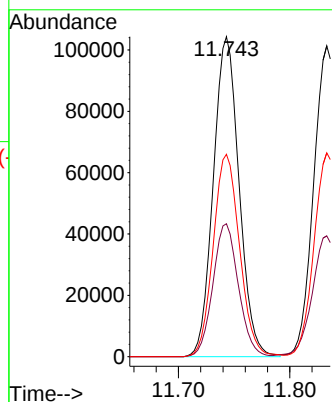
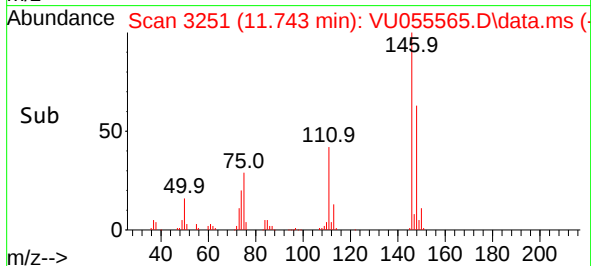


#64
1,3-Dichlorobenzene
Concen: 4.786 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50

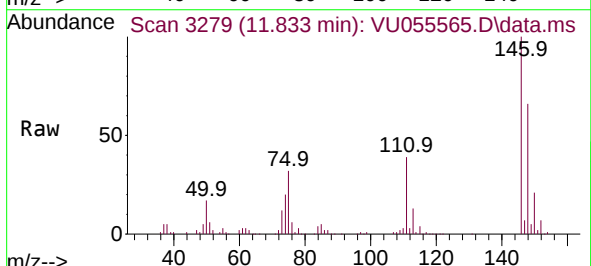
Instrument :
MSVOA_U
ClientSampleId :



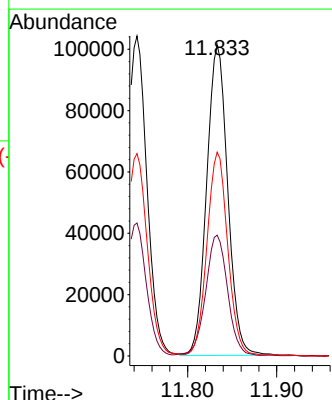
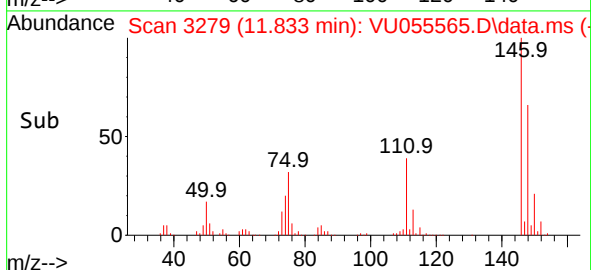
Tgt Ion:146 Resp: 167583
Ion Ratio Lower Upper
146 100
111 41.6 28.8 53.6
148 63.3 44.6 82.8

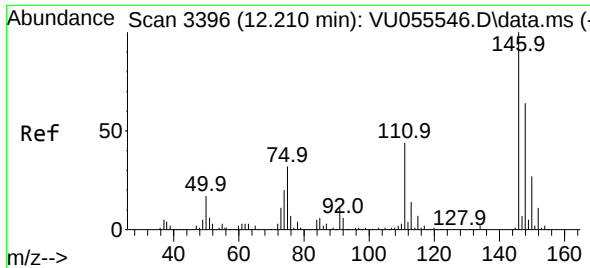


#65
1,4-Dichlorobenzene
Concen: 4.746 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055565.D
Acq: 27 Sep 2023 20:50



Tgt Ion:146 Resp: 166062
Ion Ratio Lower Upper
146 100
111 38.9 29.0 53.8
148 65.6 45.4 84.4

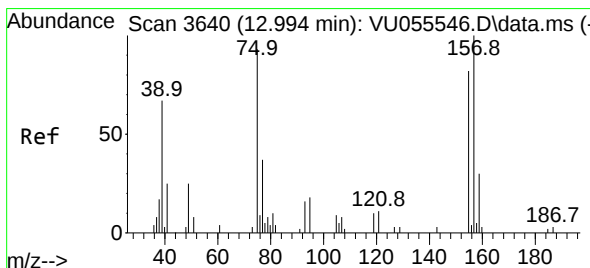
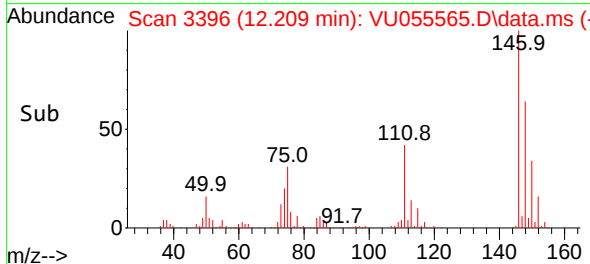
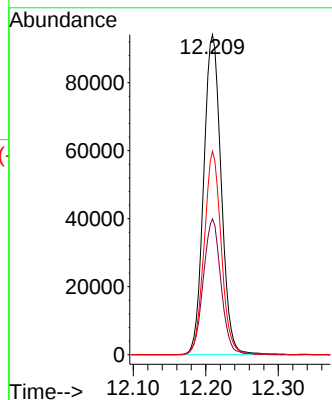
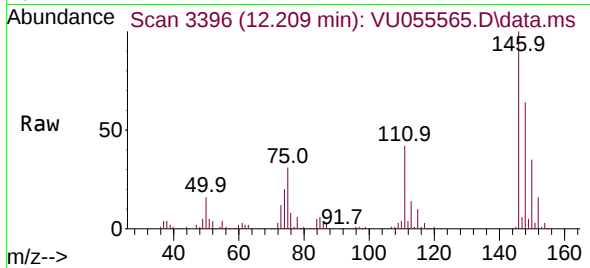




#67
 1,2-Dichlorobenzene
 Concen: 4.909 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

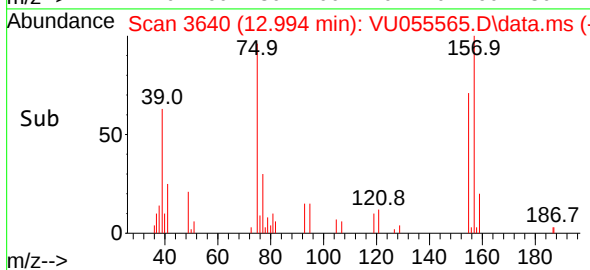
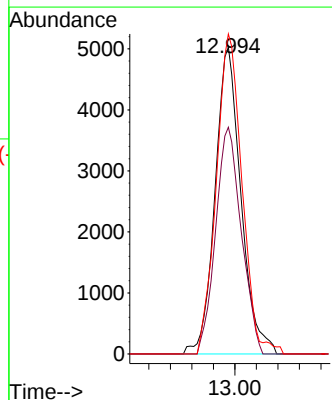
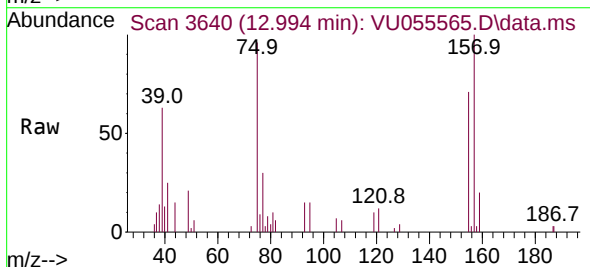
Instrument :
 MSVOA_U
 ClientSampleId :

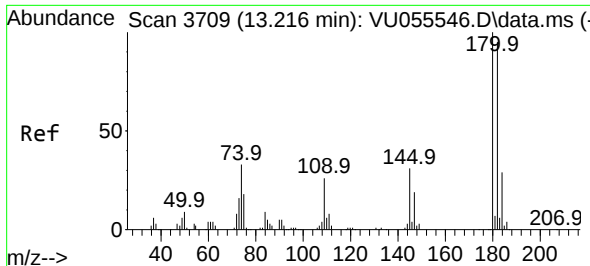
Tgt Ion:146 Resp: 157578
 Ion Ratio Lower Upper
 146 100
 111 42.5 34.6 52.0
 148 63.6 51.8 77.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.889 ug/L
 RT: 12.994 min Scan# 3640
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

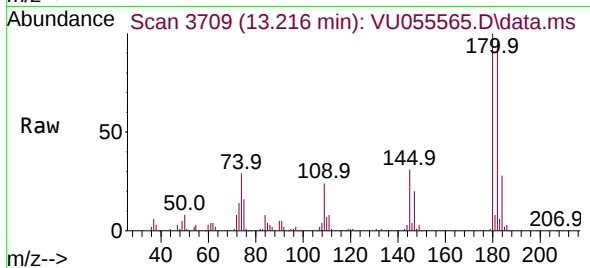
Tgt Ion: 75 Resp: 8394
 Ion Ratio Lower Upper
 75 100
 155 73.9 69.2 103.8
 157 104.3 81.9 122.9



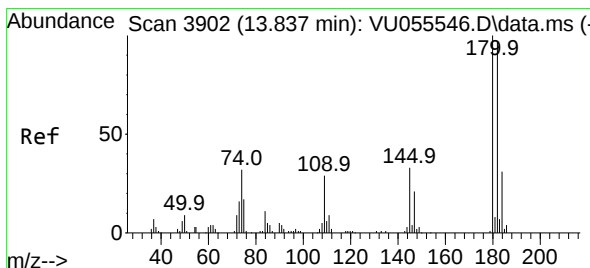
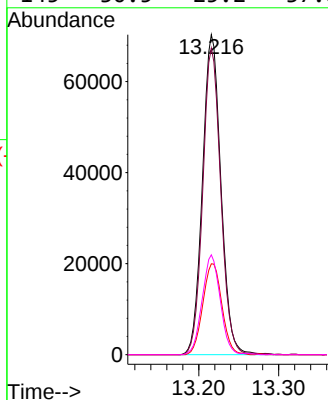
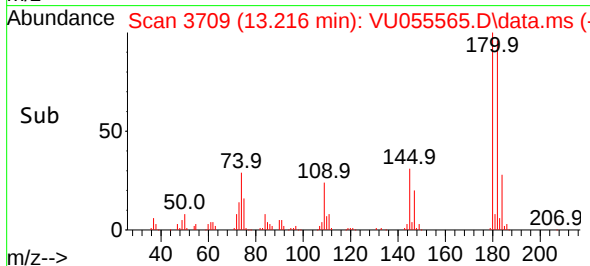


#69
 1,3,5-Trichlorobenzene
 Concen: 4.686 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50

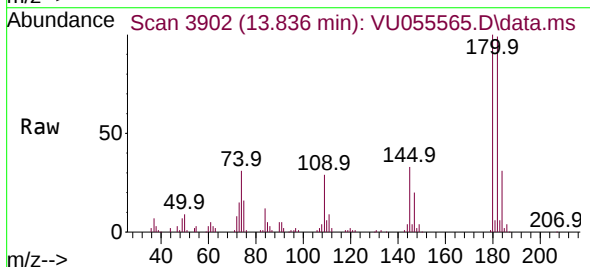
Instrument :
 MSVOA_U
 ClientSampleId :



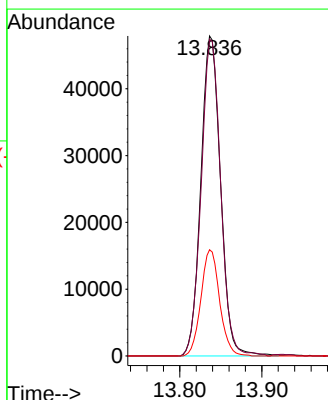
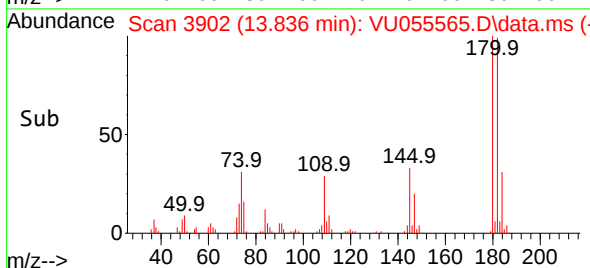
Tgt Ion:180 Resp: 112988
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.1 115.7
 184 29.3 24.0 36.0
 145 30.5 25.2 37.8

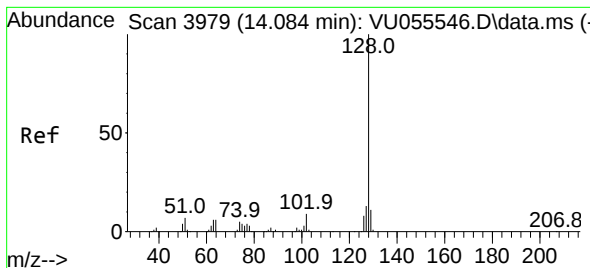


#70
 1,2,4-trichlorobenzene
 Concen: 4.341 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055565.D
 Acq: 27 Sep 2023 20:50



Tgt Ion:180 Resp: 79790
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.4 114.6
 145 31.5 25.4 38.0





#71

Naphthalene

Concen: 3.818 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Instrument :

MSVOA_U

ClientSampleId :

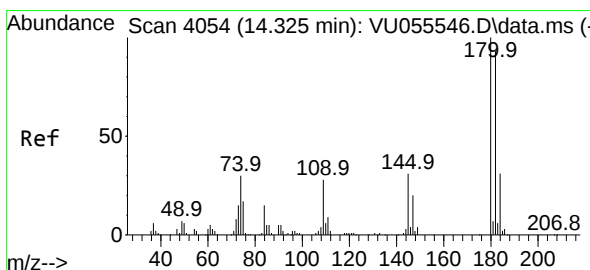
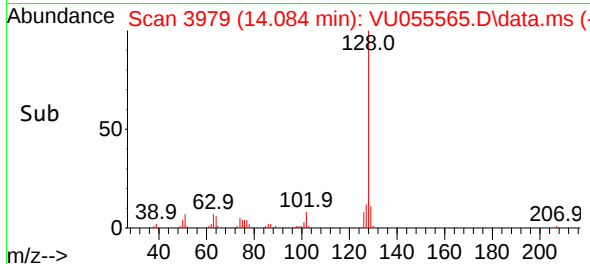
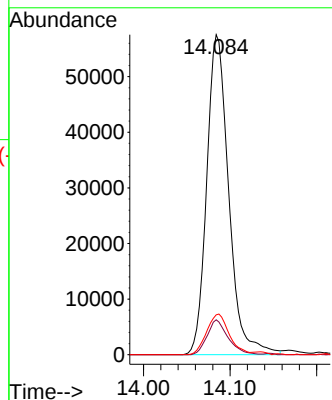
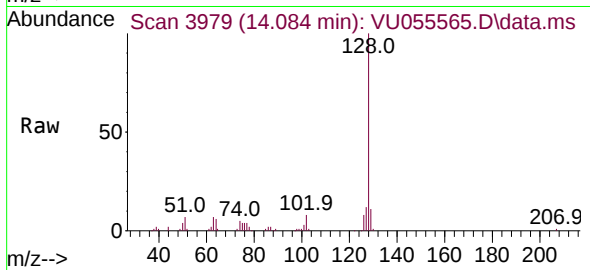
Tgt Ion:128 Resp: 101613

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.356 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055565.D

Acq: 27 Sep 2023 20:50

Tgt Ion:180 Resp: 69674

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 33.1 26.0 39.0

