

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057030.D
 Acq On : 19 Dec 2023 06:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 07:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	280892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97708	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	70054	3.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.560	65	42443	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.621	46	177357	37.624	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.240%
24) Chloroform-d	5.055	84	189699	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	85392	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.721	84	361829	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	108139	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.891	98	328980	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	38205	3.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.627	63	152332	38.192	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79288	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	107553	3.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	107225	3.675	ug/L	98
3) Chloromethane	1.515	50	118012	4.113	ug/L	98
5) Vinyl chloride	1.599	62	116206	4.078	ug/L	99
6) Bromomethane	1.853	94	57524	3.424	ug/L	96
8) Chloroethane	1.927	64	65095	3.900	ug/L	99
9) Trichlorofluoromethane	2.132	101	164332	4.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	99478	4.039	ug/L	99
12) 1,1-Dichloroethene	2.573	96	91950	4.067	ug/L	98
13) Acetone	2.628	43	115096	40.065	ug/L	99
14) Carbon disulfide	2.788	76	282941	3.607	ug/L	100
15) Methyl Acetate	2.946	43	33293	4.257	ug/L	94
16) Methylene chloride	3.039	84	101490	4.120	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	198235	3.954	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	94024	4.102	ug/L	93
19) 1,1-Dichloroethane	3.859	63	186088	4.220	ug/L	96
21) 2-Butanone	4.701	43	190511	39.325	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	100582	4.033	ug/L	95
23) Bromochloromethane	4.965	128	43918	4.207	ug/L	98
25) Chloroform	5.078	83	193532	4.190	ug/L	98

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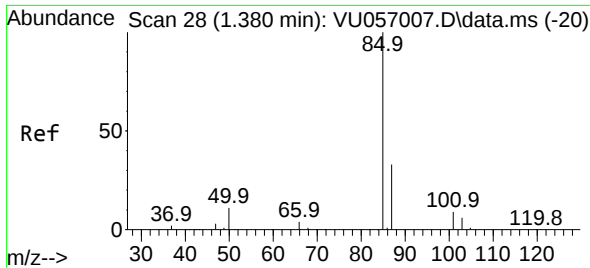
Quant Time: Dec 19 07:12:01 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	110855	4.058	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	165311	4.071	ug/L	100
30) Cyclohexane	5.380	56	135878	3.566	ug/L	98
31) Carbon tetrachloride	5.518	117	140142	3.971	ug/L	98
33) Benzene	5.766	78	405261	4.105	ug/L	100
34) Trichloroethene	6.534	95	108303	3.999	ug/L	96
35) Methylcyclohexane	6.756	83	140209	3.509	ug/L	99
37) 1,2-Dichloropropane	6.782	63	106549	4.219	ug/L	100
38) Bromodichloromethane	7.097	83	133902	4.158	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	134429	3.653	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	494807	41.265	ug/L	100
42) Toluene	7.962	91	425869	4.169	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	113888	3.776	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	73224	4.289	ug/L	93
47) Tetrachloroethene	8.547	164	77911	4.111	ug/L	97
48) 2-Hexanone	8.679	43	357081	41.812	ug/L	99
49) Dibromochloromethane	8.804	129	82453	4.202	ug/L	97
50) 1,2-Dibromoethane	8.917	107	65879	4.158	ug/L	96
51) Chlorobenzene	9.441	112	261611	4.019	ug/L	99
52) Ethylbenzene	9.566	91	447468	3.971	ug/L	98
53) m,p-Xylene	9.688	106	168531	4.015	ug/L	91
54) o-Xylene	10.097	106	160600	4.016	ug/L	99
55) Styrene	10.110	104	278102	4.235	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	88242	4.278	ug/L	98
59) Bromoform	10.286	173	47923	4.197	ug/L	99
60) Isopropylbenzene	10.479	105	430742	3.899	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	59655	3.973	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	335120	3.711	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	342332	3.817	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	202681	3.878	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	198603	3.859	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	187791	3.944	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.990	75	12305	4.105	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	137046	3.470	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	98833	3.160	ug/L	97
71) Naphthalene	14.084	128	126365	2.761	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	85417	3.217	ug/L	98

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

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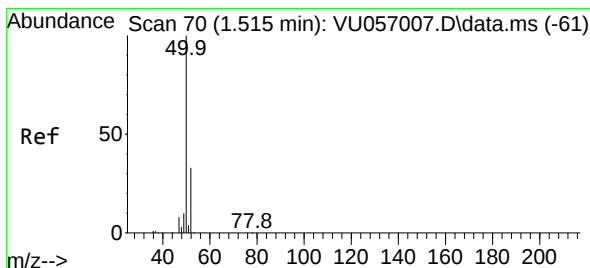
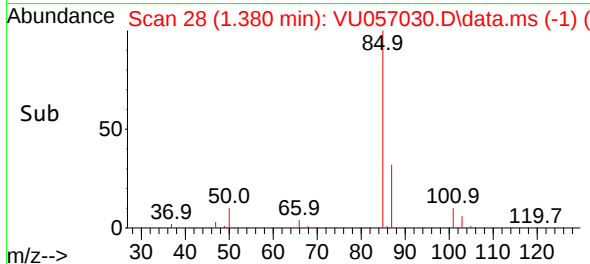
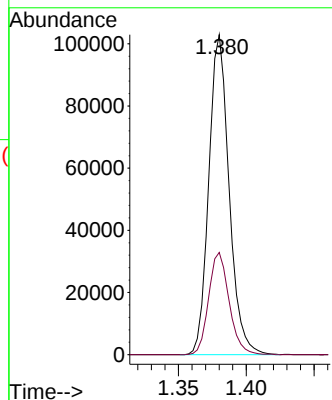
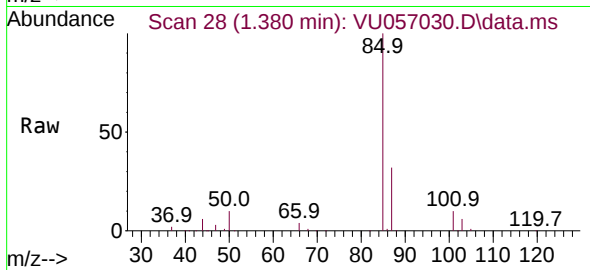




#2
 Dichlorodifluoromethane
 Concen: 3.675 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

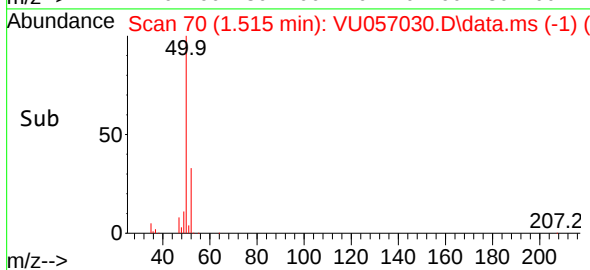
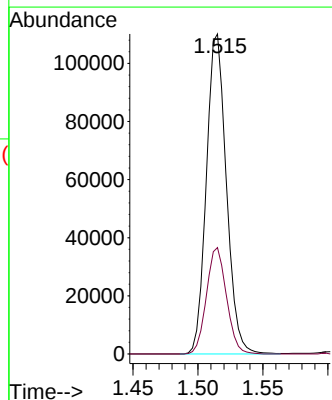
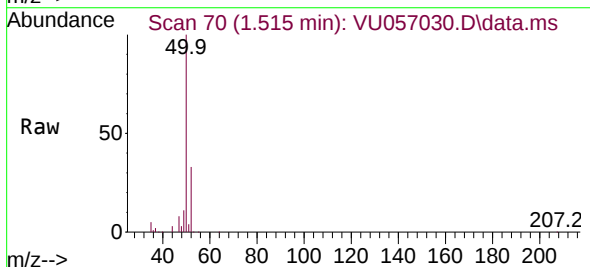
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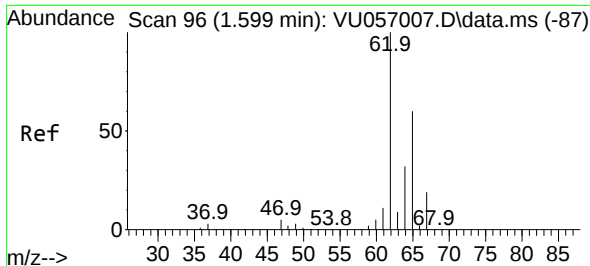
Tgt Ion: 85 Resp: 107225
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.8 40.2



#3
 Chloromethane
 Concen: 4.113 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Tgt Ion: 50 Resp: 118012
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.7

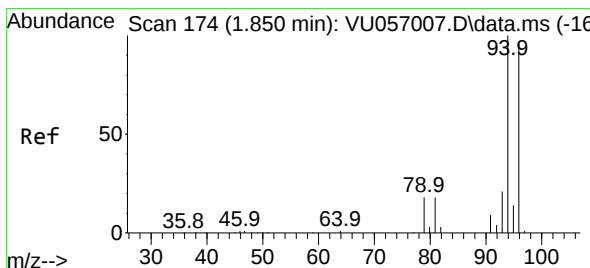
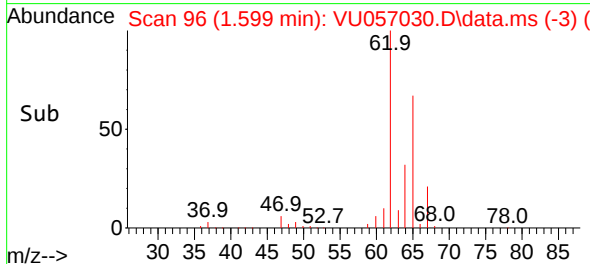
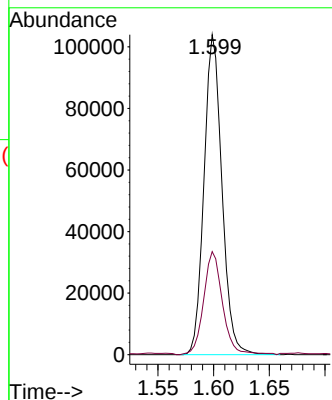
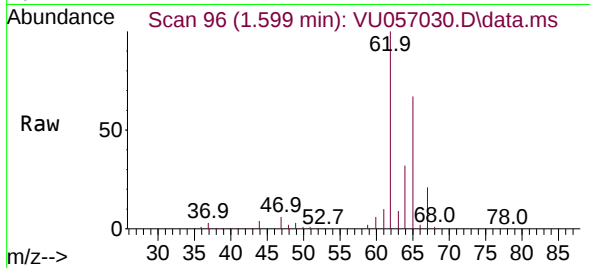




#5
 Vinyl chloride
 Concen: 4.078 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

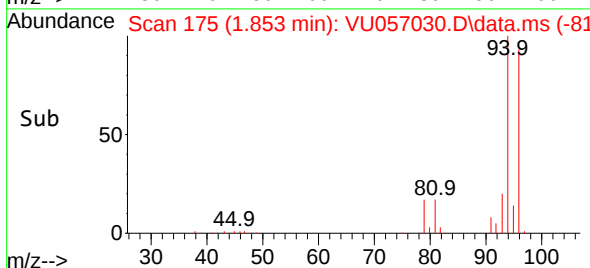
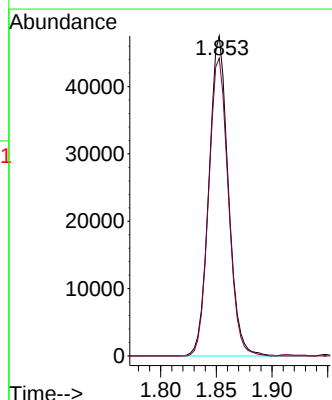
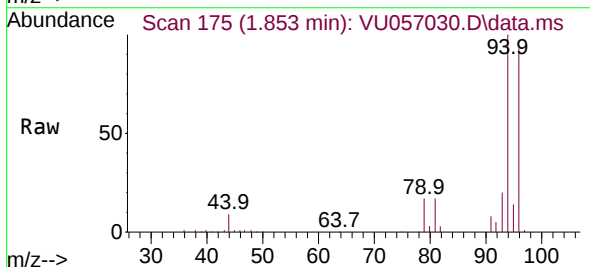
Instrument :
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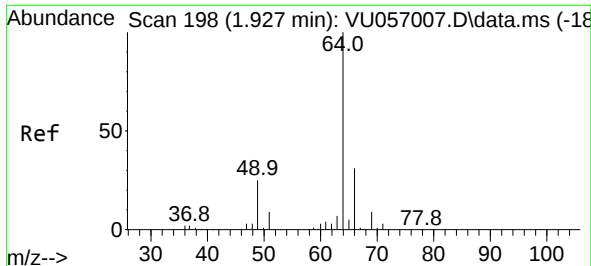
Tgt Ion: 62 Resp: 116206
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.8 42.4



#6
 Bromomethane
 Concen: 3.424 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Tgt Ion: 94 Resp: 57524
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.8 125.8

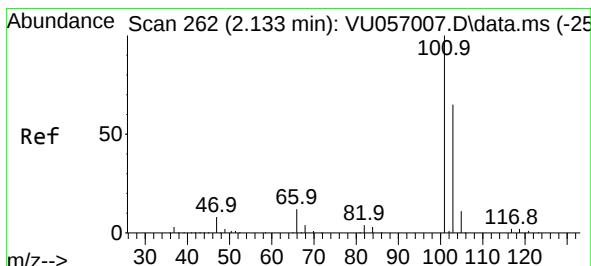
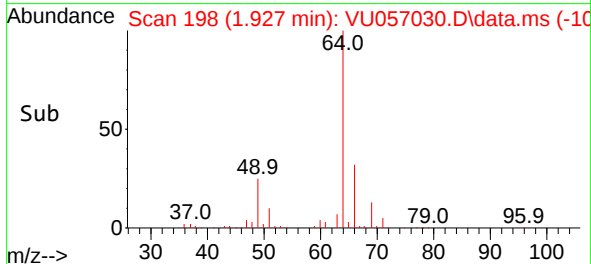
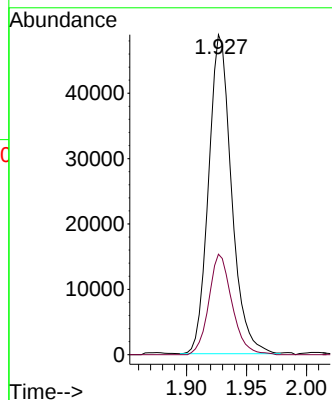
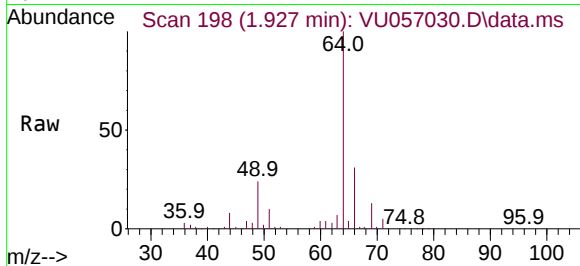




#8
Chloroethane
Concen: 3.900 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

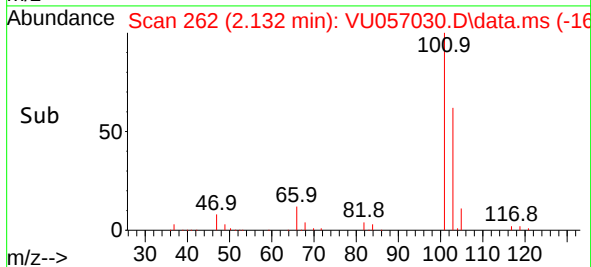
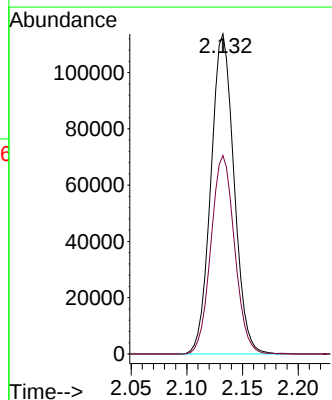
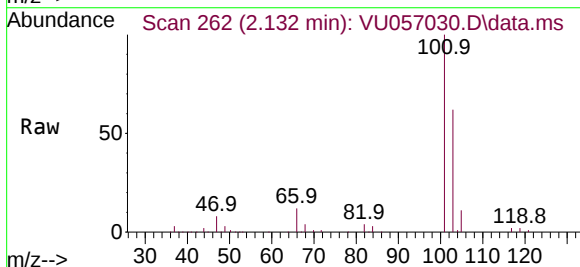
Instrument :
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ClientSampleId :

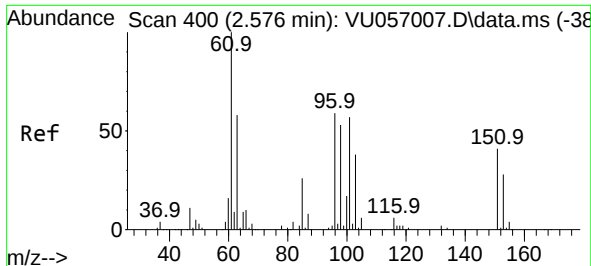
Tgt Ion: 64 Resp: 65095
Ion Ratio Lower Upper
64 100
66 31.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.092 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion:101 Resp: 164332
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

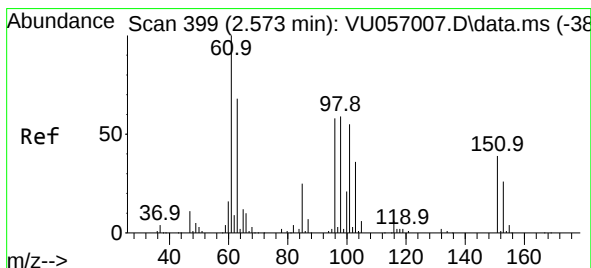
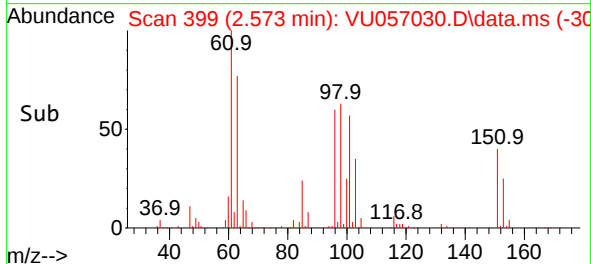
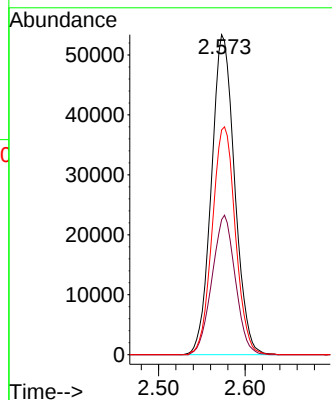
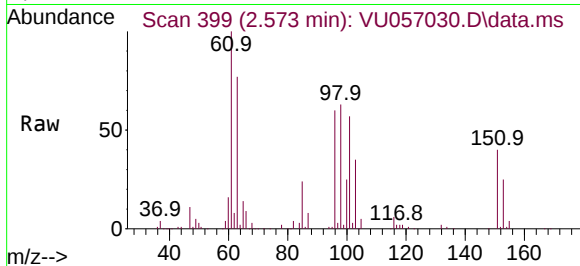




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.039 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

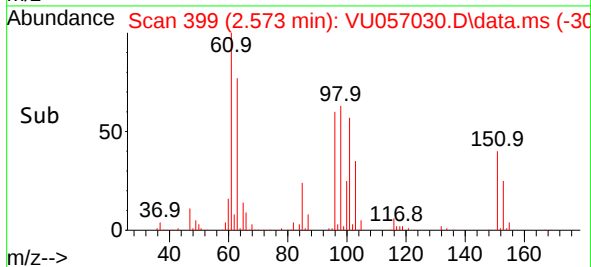
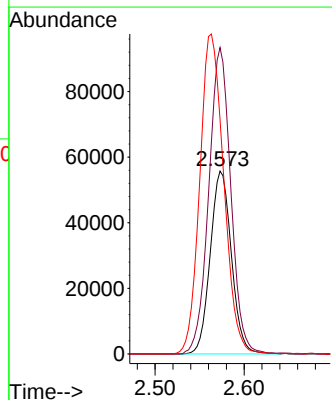
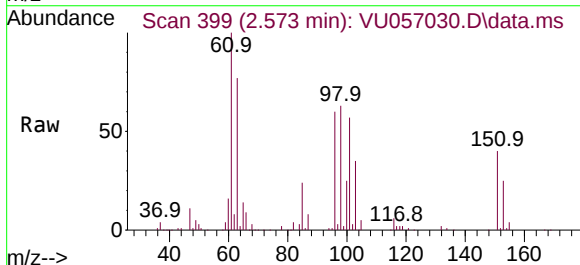
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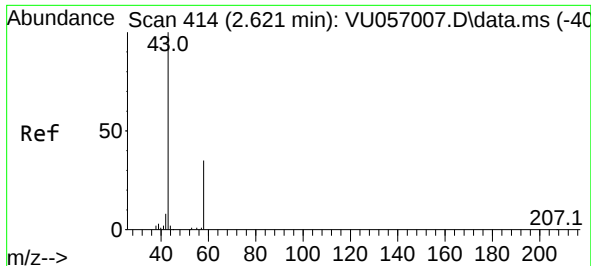
Tgt Ion:101 Resp: 99478
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.2 52.8
 151 71.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.067 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Tgt Ion: 96 Resp: 91950
 Ion Ratio Lower Upper
 96 100
 61 167.5 119.0 221.0
 63 128.2 88.7 164.7





#13

Acetone

Concen: 40.065 ug/L

RT: 2.628 min Scan# 414

Delta R.T. 0.006 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

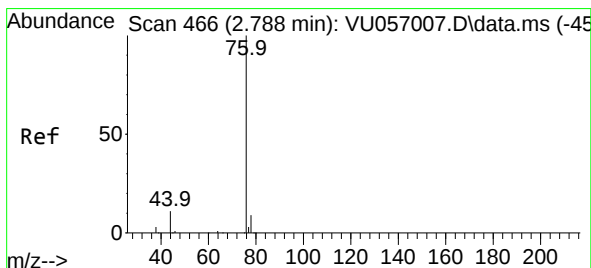
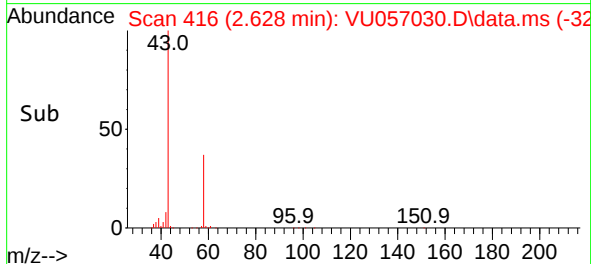
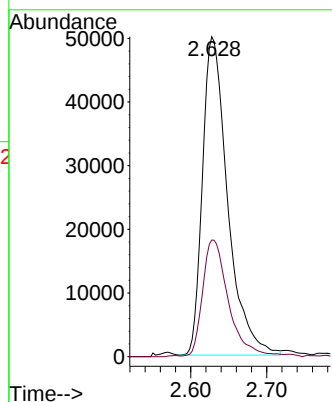
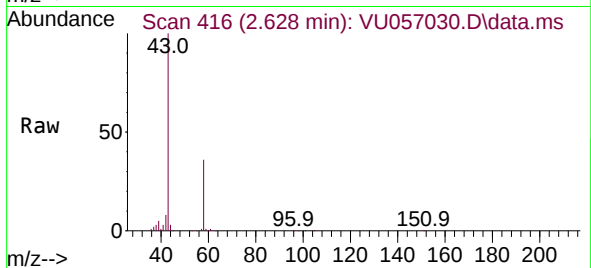
ClientSampleId :

Tgt Ion: 43 Resp: 115096

Ion Ratio Lower Upper

43 100

58 36.9 0.0 72.6



#14

Carbon disulfide

Concen: 3.607 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057030.D

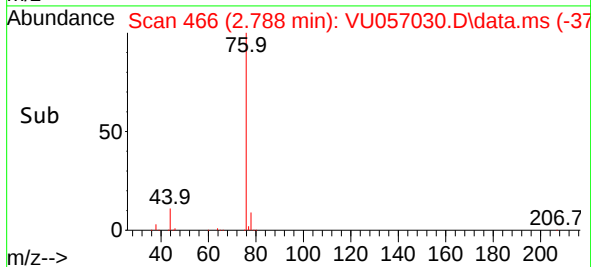
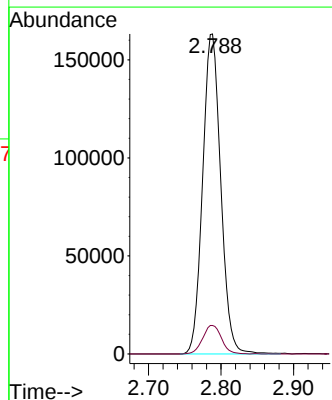
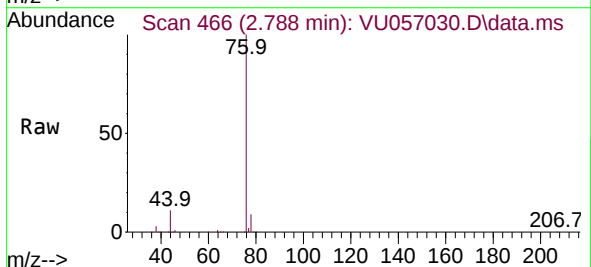
Acq: 19 Dec 2023 06:57

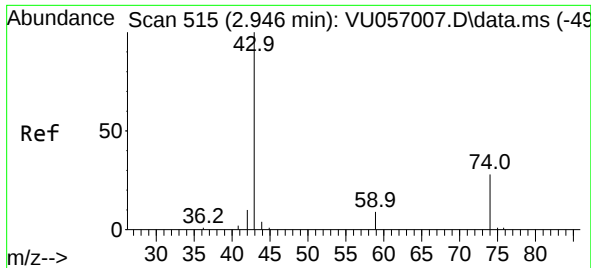
Tgt Ion: 76 Resp: 282941

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

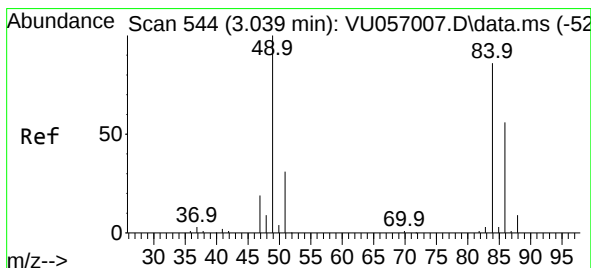
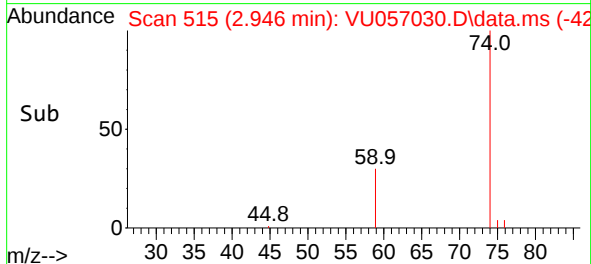
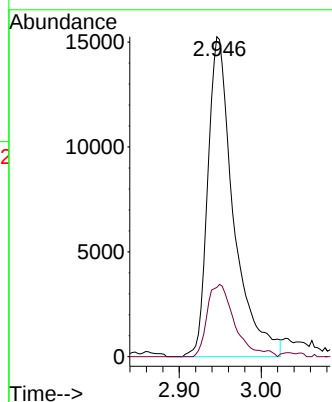
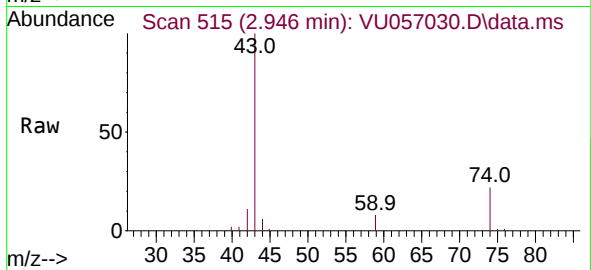




#15
Methyl Acetate
Concen: 4.257 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

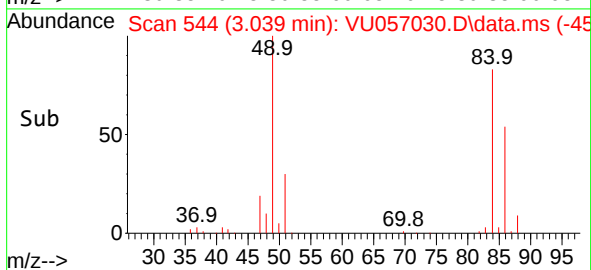
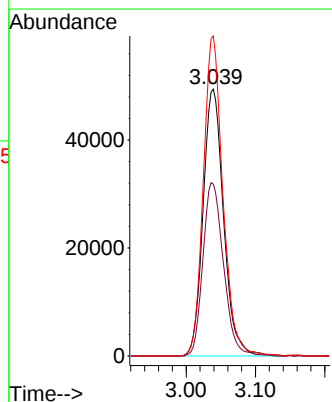
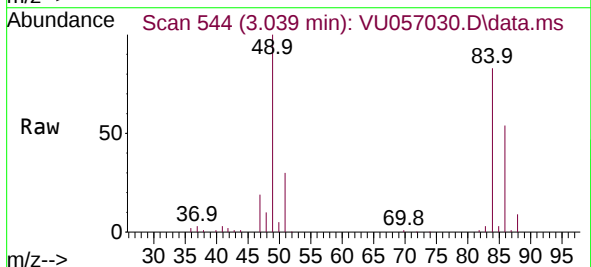
Instrument :
MSVOA_U
ClientSampleId :

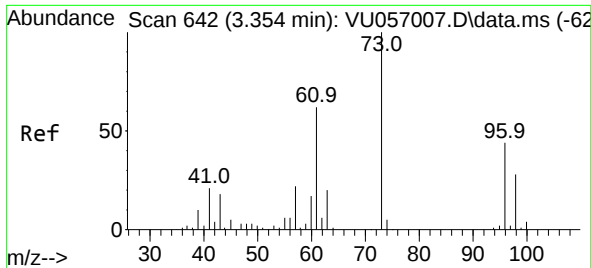
Tgt Ion: 43 Resp: 33293
Ion Ratio Lower Upper
43 100
74 23.5 21.0 31.6



#16
Methylene chloride
Concen: 4.120 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 84 Resp: 101490
Ion Ratio Lower Upper
84 100
86 64.4 43.6 81.0
49 119.9 80.6 149.6

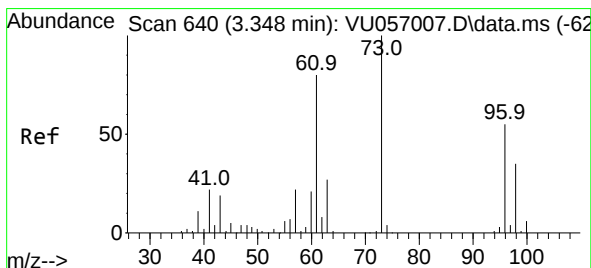
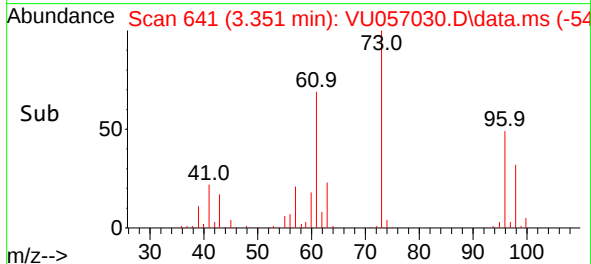
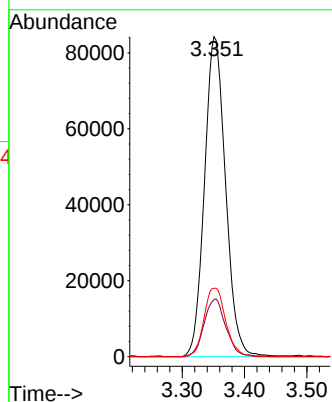
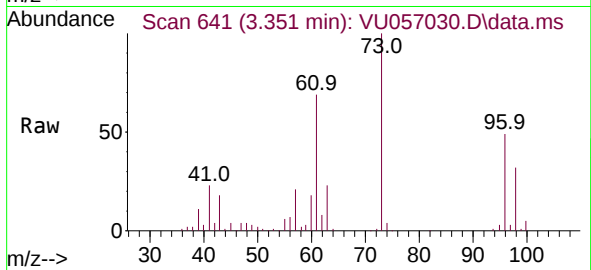




#17
Methyl tert-butyl Ether
Concen: 3.954 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

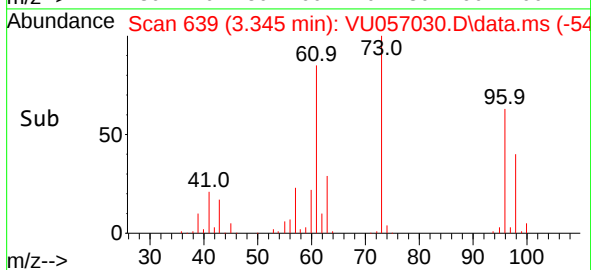
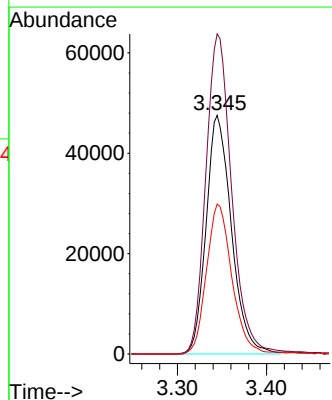
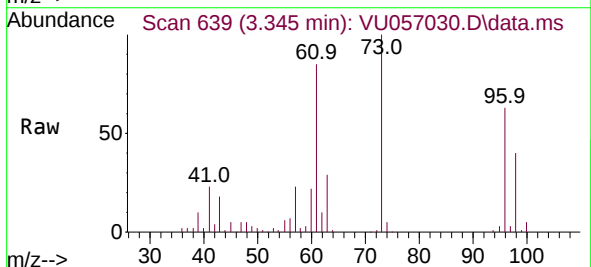
Instrument :
MSVOA_U
ClientSampleId :

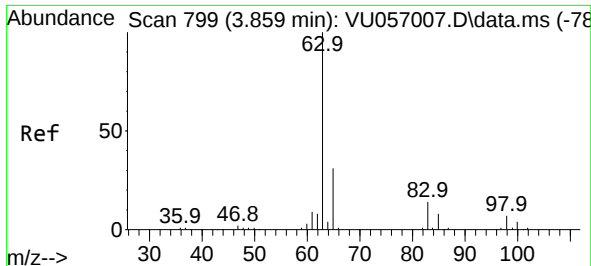
Tgt Ion: 73 Resp: 198235
Ion Ratio Lower Upper
73 100
43 18.6 14.4 21.6
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.102 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 96 Resp: 94024
Ion Ratio Lower Upper
96 100
61 134.1 101.8 189.0
98 62.9 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.220 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

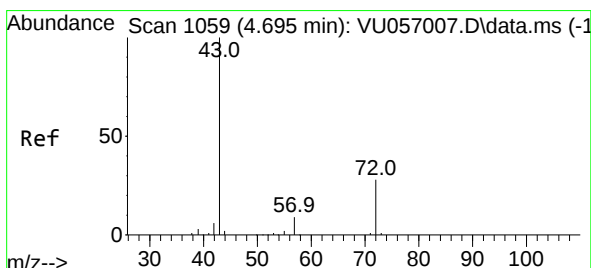
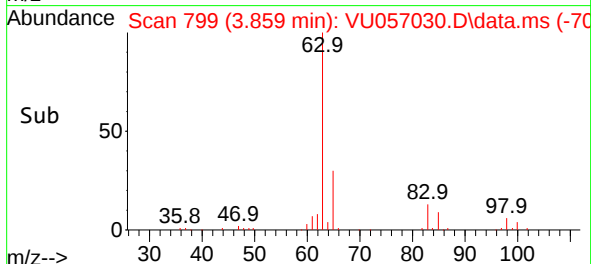
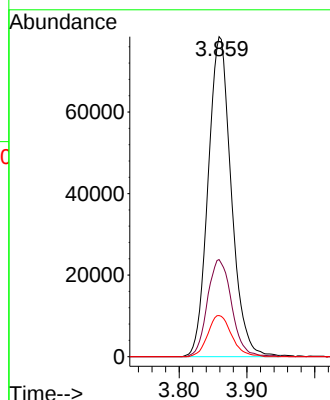
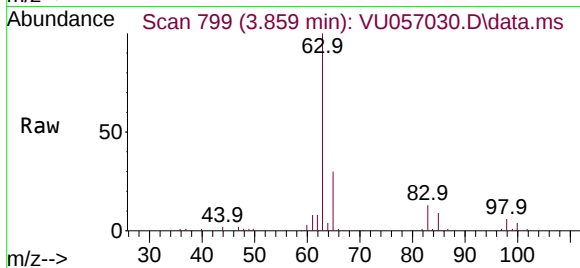
Tgt Ion: 63 Resp: 186088

Ion Ratio Lower Upper

63 100

65 30.3 22.9 42.5

83 12.9 10.1 18.9



#21

2-Butanone

Concen: 39.325 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VU057030.D

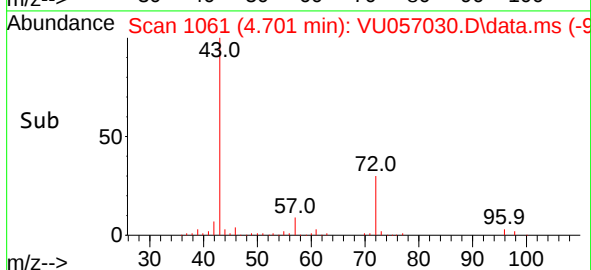
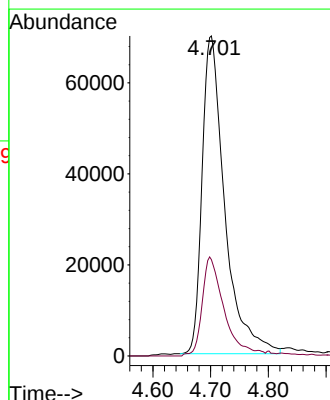
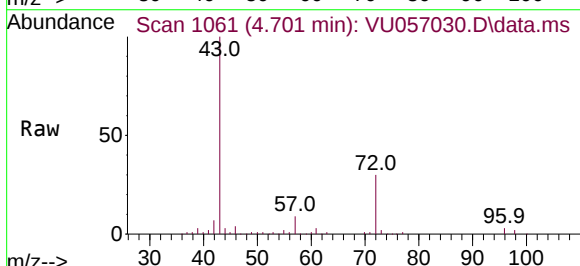
Acq: 19 Dec 2023 06:57

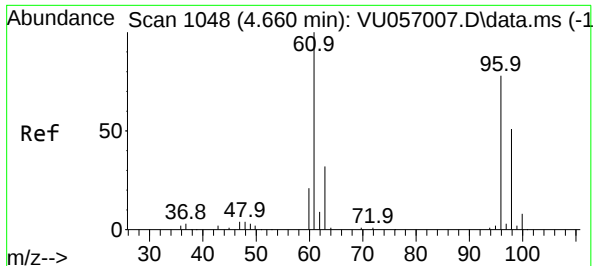
Tgt Ion: 43 Resp: 190511

Ion Ratio Lower Upper

43 100

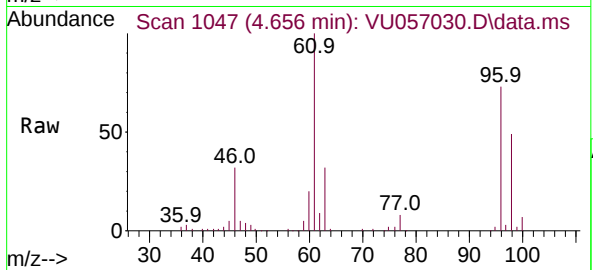
72 29.6 14.6 43.8





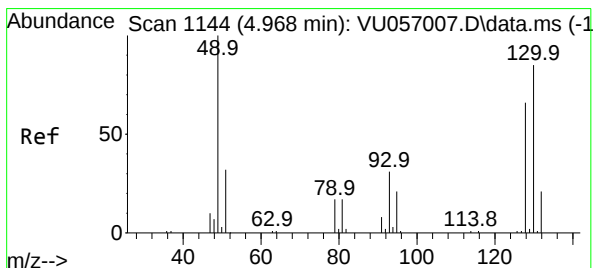
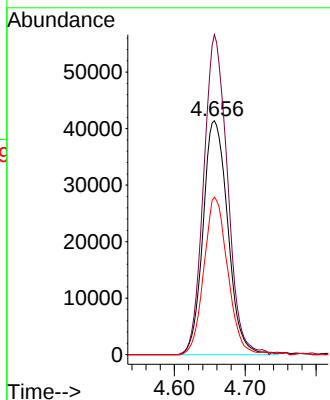
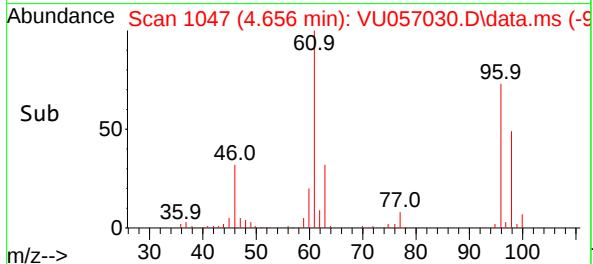
#22
 cis-1,2-Dichloroethene
 Concen: 4.033 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 100582

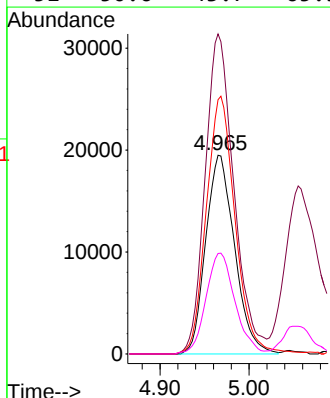
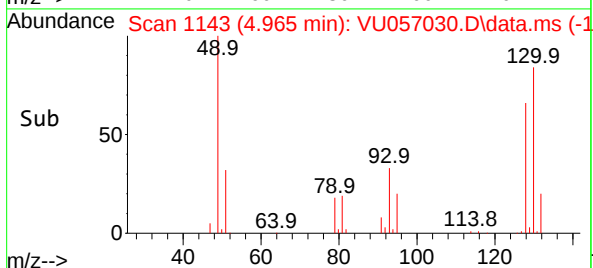
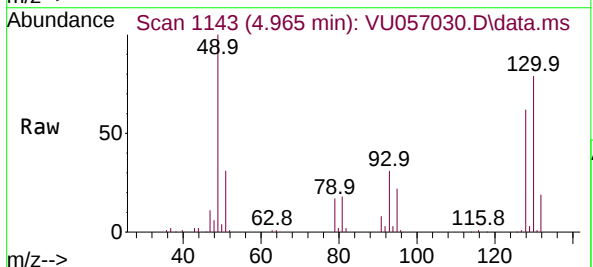
Ion	Ratio	Lower	Upper
96	100		
61	136.8	91.3	169.6
98	67.3	44.2	82.0

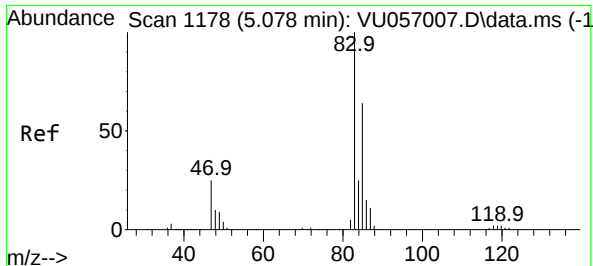


#23
 Bromochloromethane
 Concen: 4.207 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Tgt Ion: 128 Resp: 43918

Ion	Ratio	Lower	Upper
128	100		
49	161.0	113.8	211.3
130	127.9	90.6	168.3
51	50.6	43.7	65.5





#25

Chloroform

Concen: 4.190 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

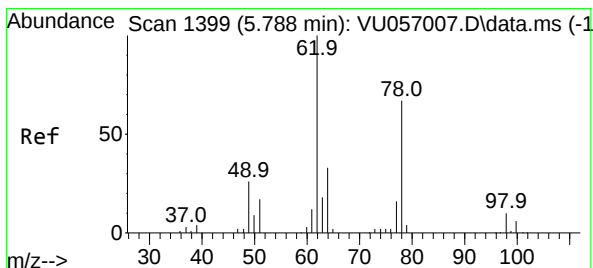
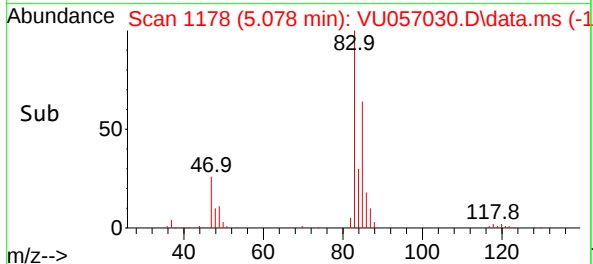
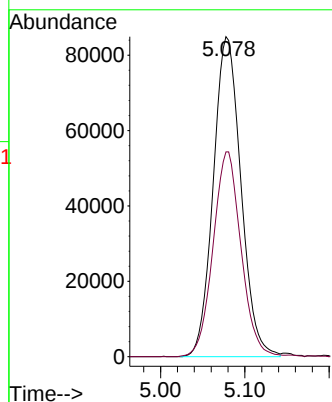
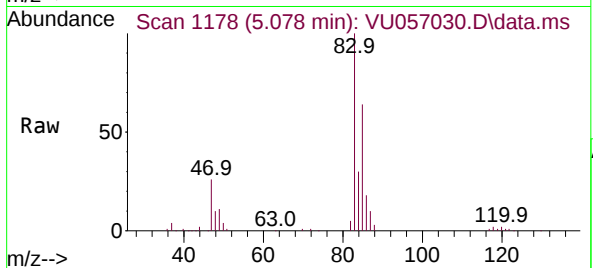
ClientSampleId :

Tgt Ion: 83 Resp: 193532

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.058 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU057030.D

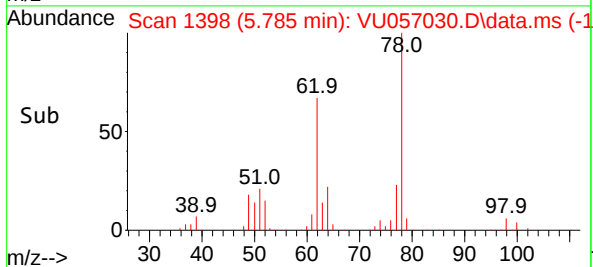
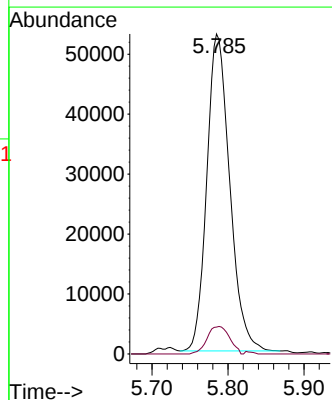
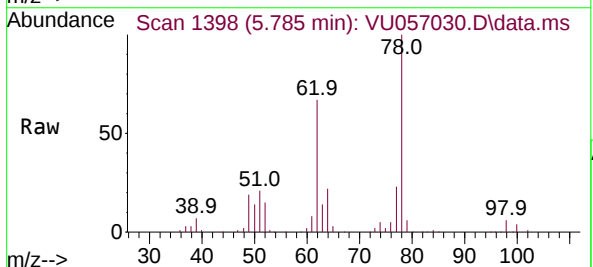
Acq: 19 Dec 2023 06:57

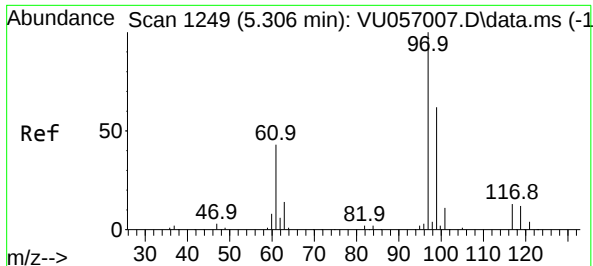
Tgt Ion: 62 Resp: 110855

Ion Ratio Lower Upper

62 100

98 8.4 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.071 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

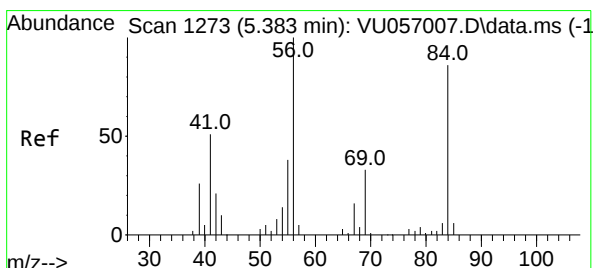
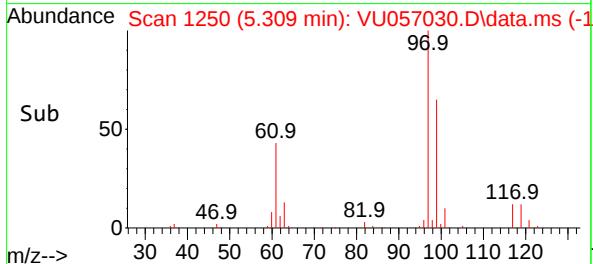
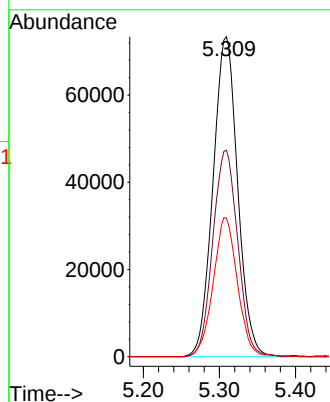
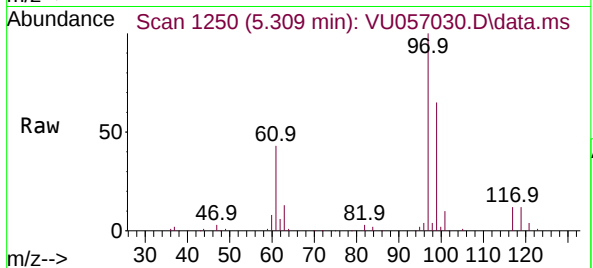
Tgt Ion: 97 Resp: 165311

Ion Ratio Lower Upper

97 100

99 65.2 52.5 78.7

61 42.5 34.2 51.2



#30

Cyclohexane

Concen: 3.566 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

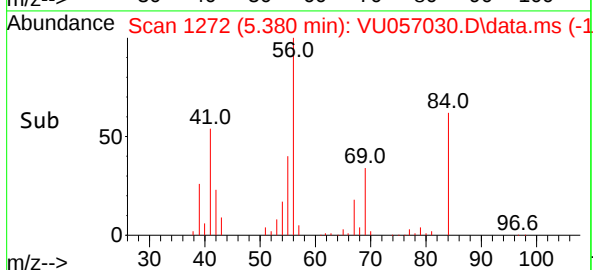
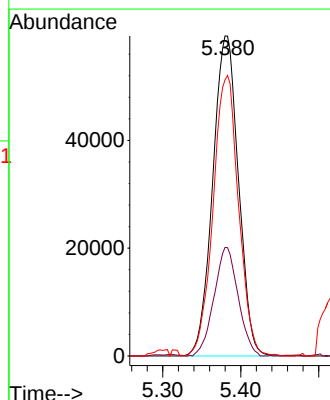
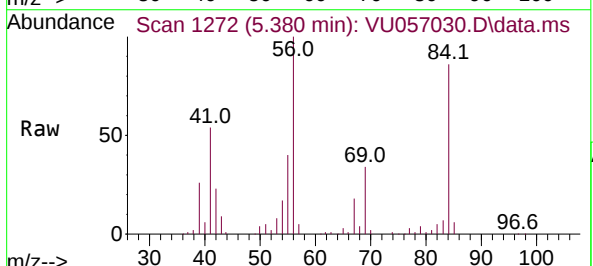
Tgt Ion: 56 Resp: 135878

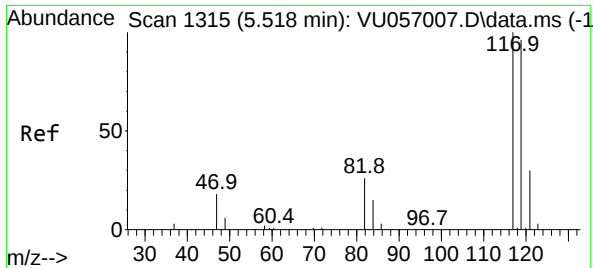
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 86.9 67.6 101.4

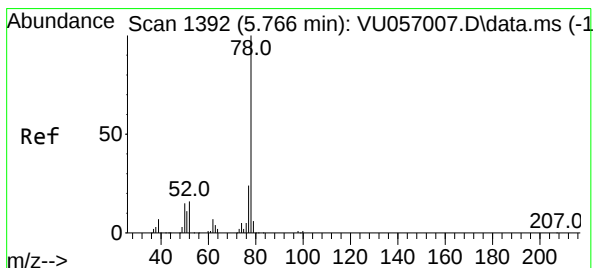
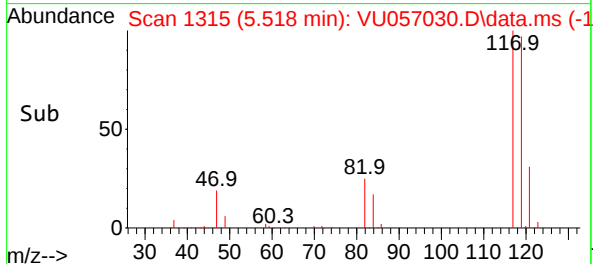
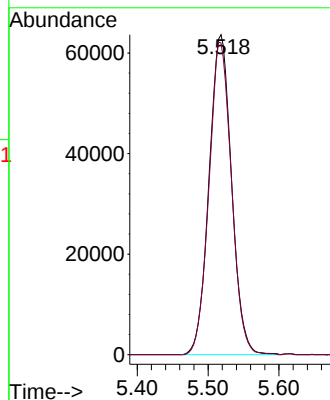
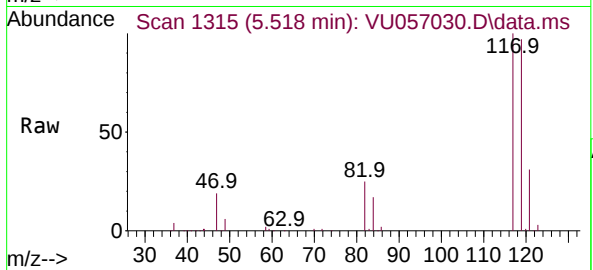




#31
Carbon tetrachloride
Concen: 3.971 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

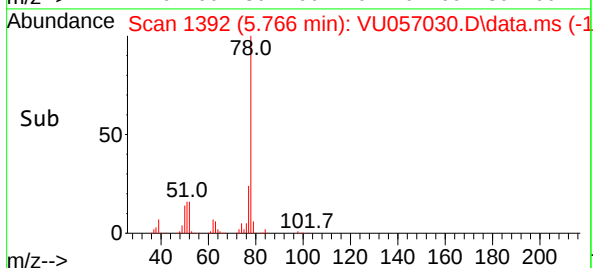
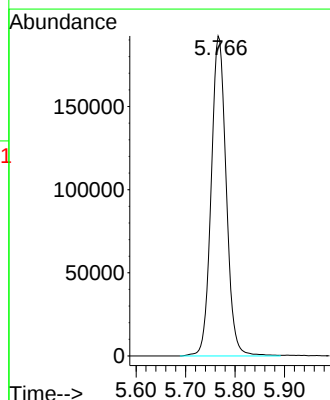
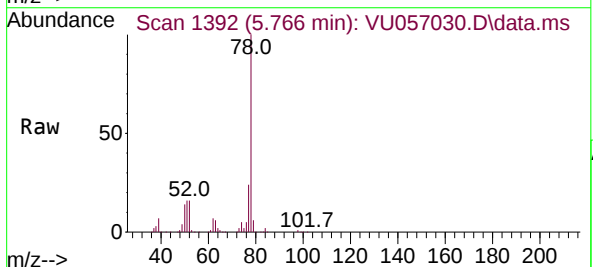
Instrument :
MSVOA_U
ClientSampleId :

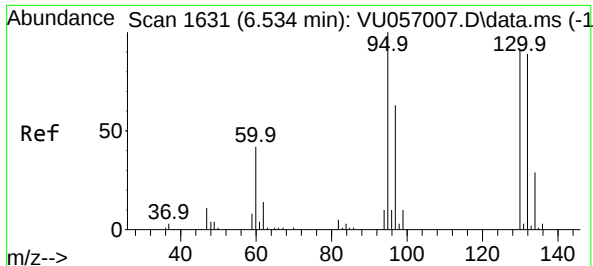
Tgt Ion:117 Resp: 140142
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 4.105 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 78 Resp: 405261

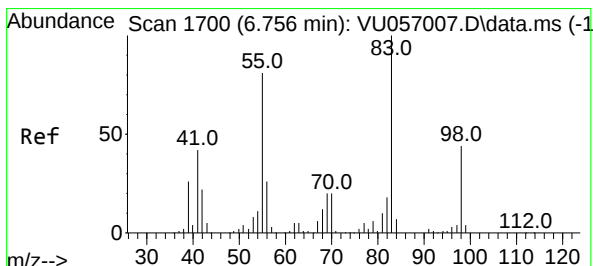
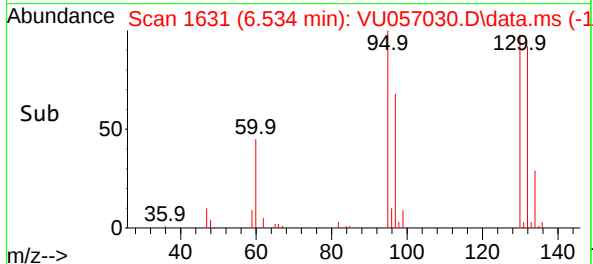
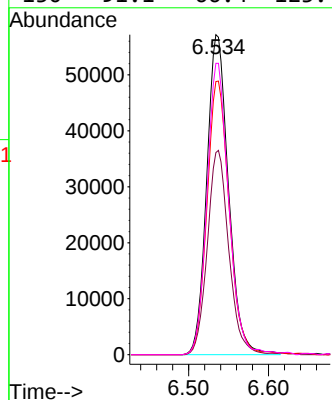
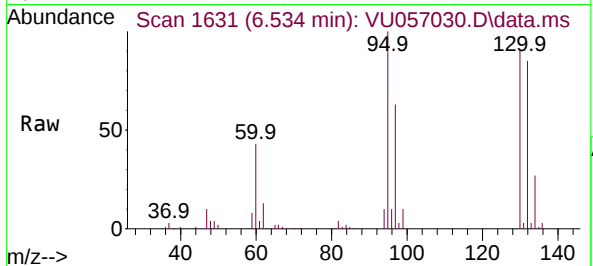




#34
Trichloroethene
Concen: 3.999 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

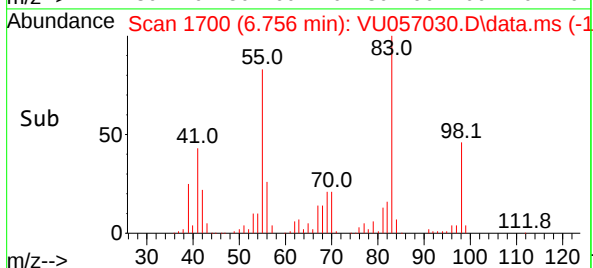
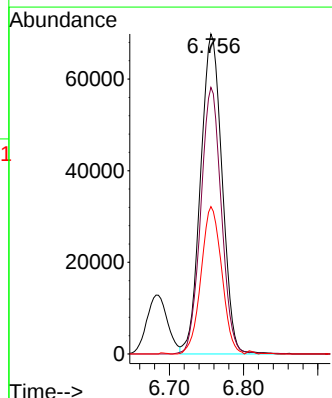
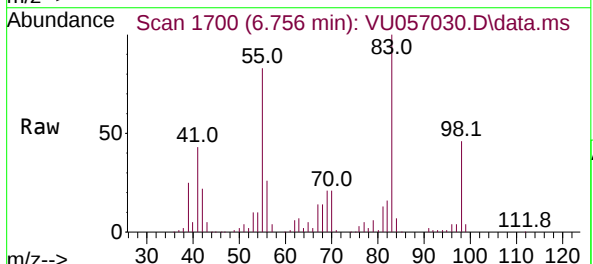
Instrument :
MSVOA_U
ClientSampleId :

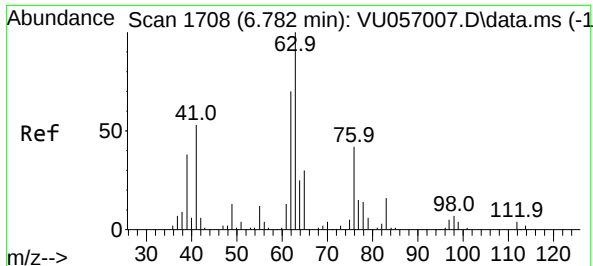
Tgt Ion: 95 Resp: 108303
Ion Ratio Lower Upper
95 100
97 63.1 46.1 85.5
132 85.3 63.6 118.0
130 91.1 66.4 123.4



#35
Methylcyclohexane
Concen: 3.509 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 83 Resp: 140209
Ion Ratio Lower Upper
83 100
55 80.0 64.6 97.0
98 44.3 36.1 54.1





#37

1,2-Dichloropropane

Concen: 4.219 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

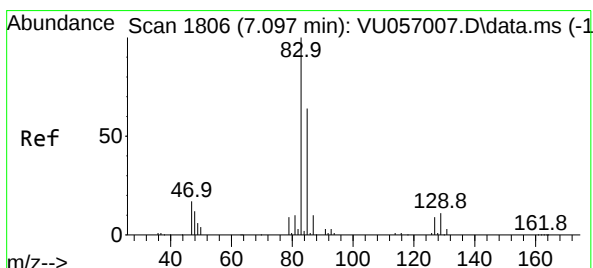
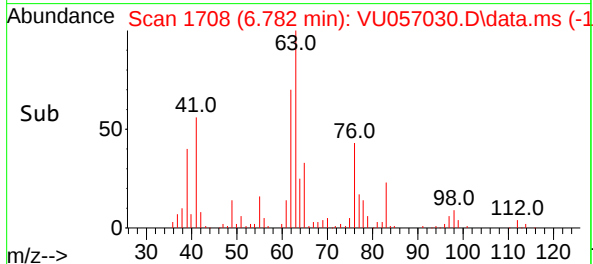
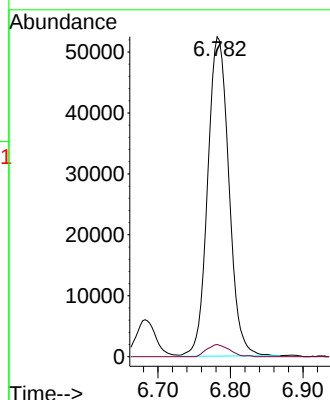
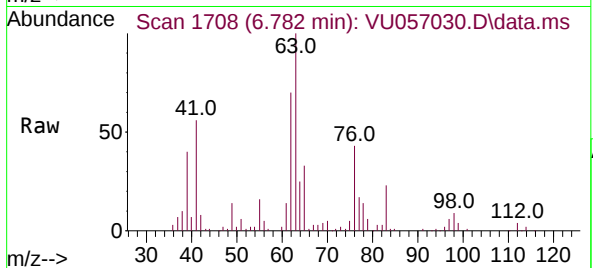
ClientSampleId :

Tgt Ion: 63 Resp: 106549

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 4.158 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

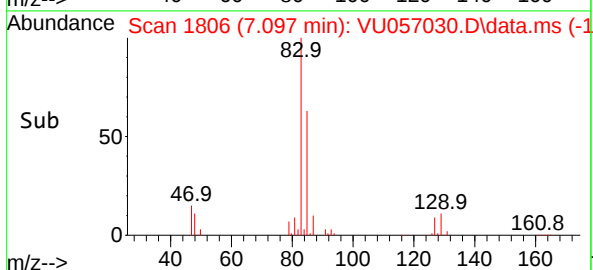
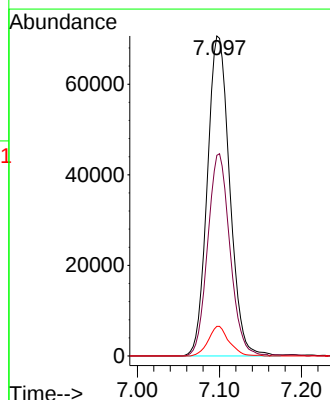
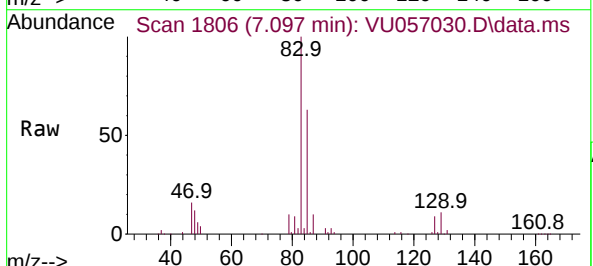
Tgt Ion: 83 Resp: 133902

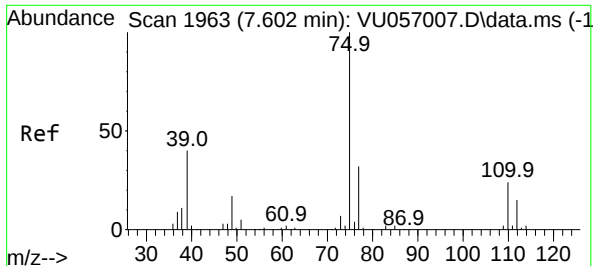
Ion Ratio Lower Upper

83 100

85 62.7 45.0 83.6

127 9.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 3.653 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

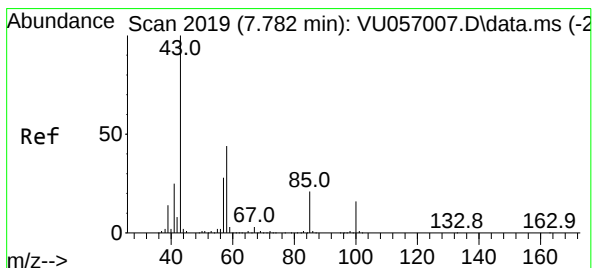
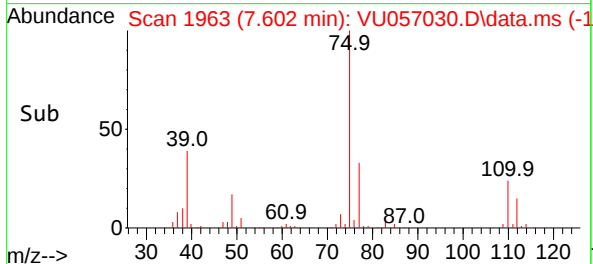
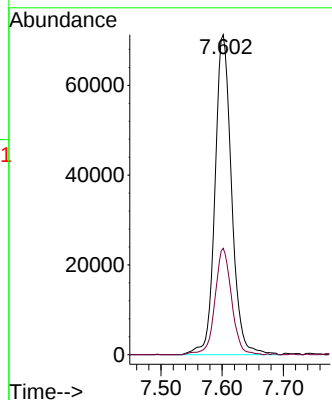
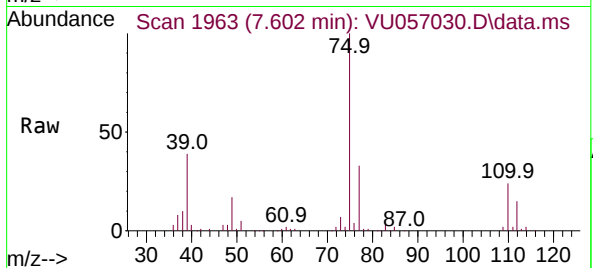
ClientSampleId :

Tgt Ion: 75 Resp: 134429

Ion Ratio Lower Upper

75 100

77 33.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 41.265 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

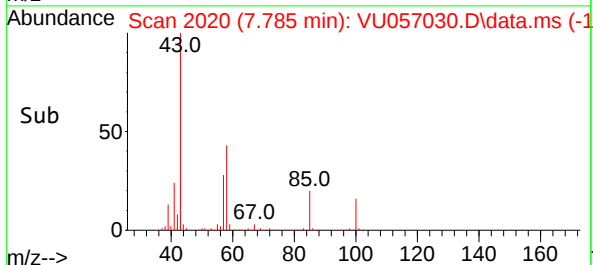
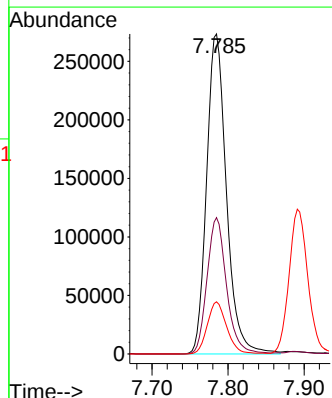
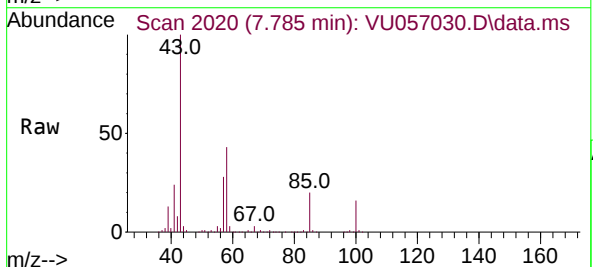
Tgt Ion: 43 Resp: 494807

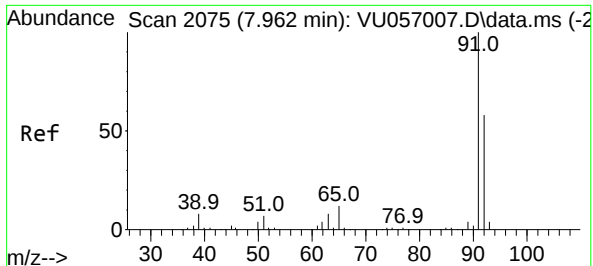
Ion Ratio Lower Upper

43 100

58 42.0 33.7 50.5

100 16.0 13.0 19.4





#42

Toluene

Concen: 4.169 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

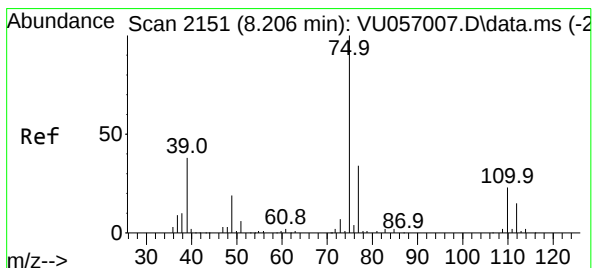
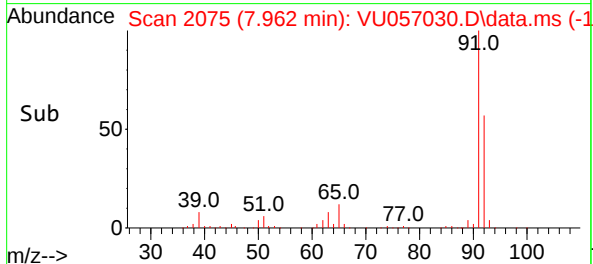
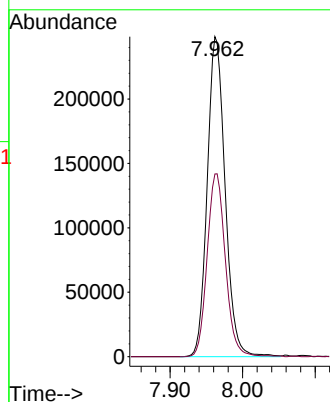
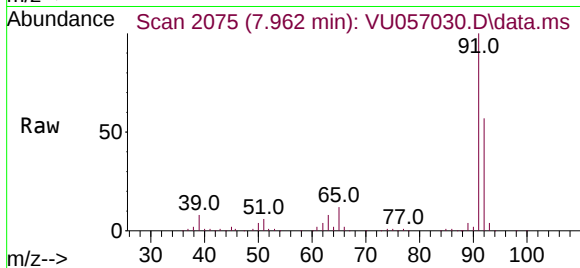
ClientSampleId :

Tgt Ion: 91 Resp: 425869

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 3.776 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057030.D

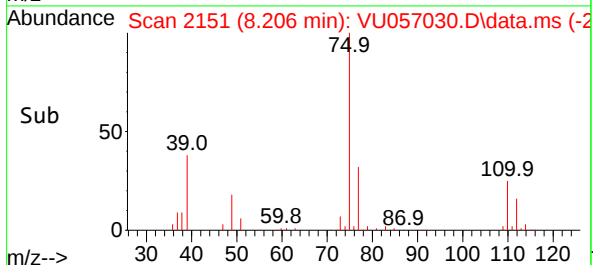
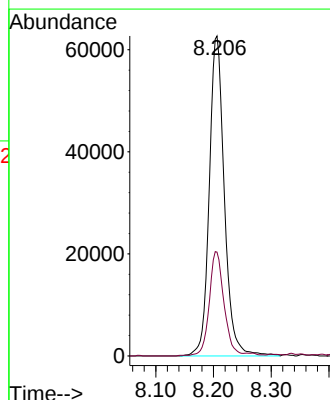
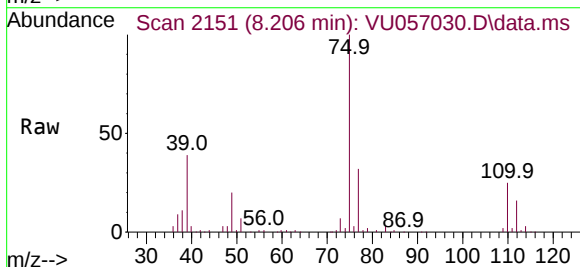
Acq: 19 Dec 2023 06:57

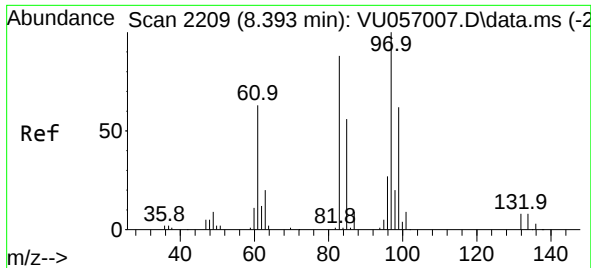
Tgt Ion: 75 Resp: 113888

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4

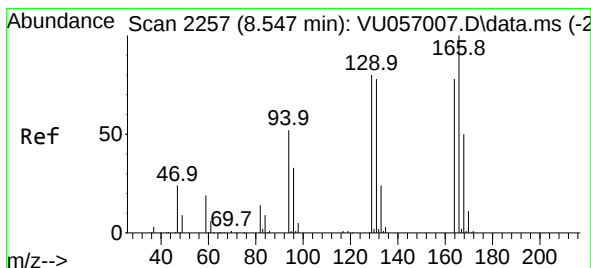
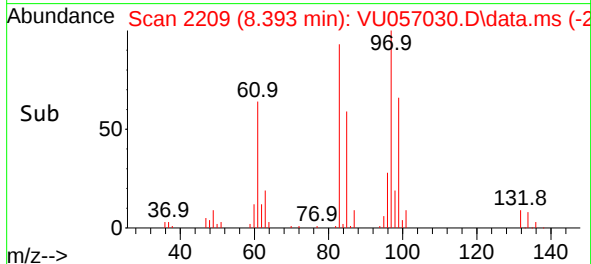
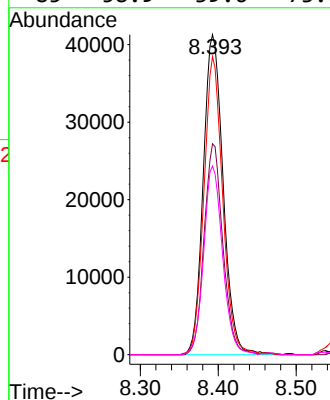
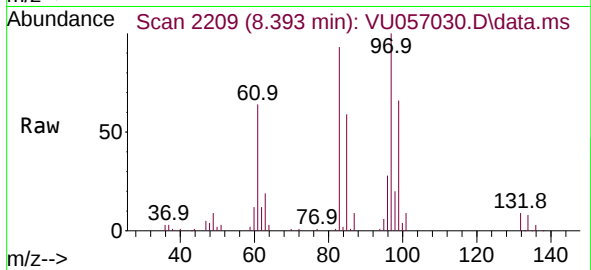




#45
1,1,2-Trichloroethane
Concen: 4.289 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

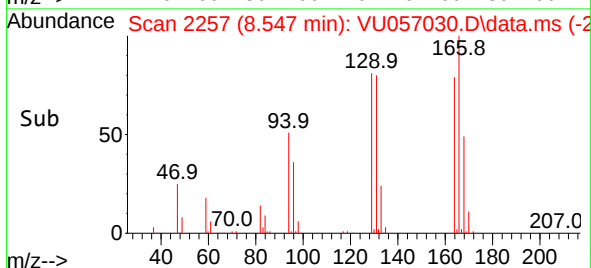
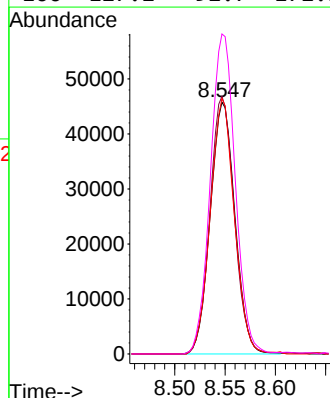
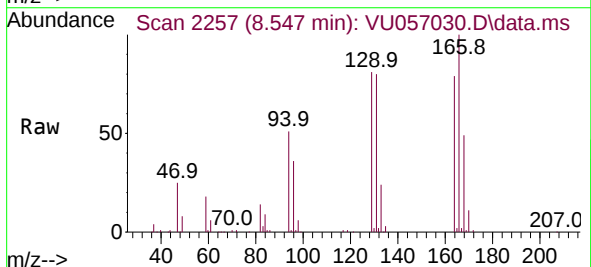
Instrument :
MSVOA_U
ClientSampleId :

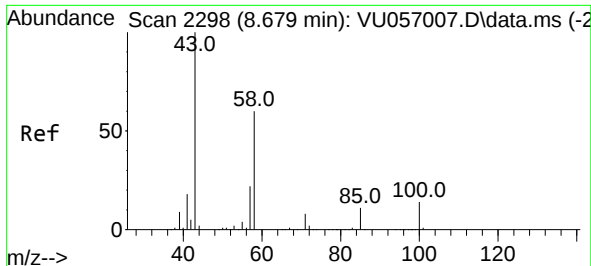
Tgt Ion: 97	Resp: 73224
Ion Ratio	Lower Upper
97 100	
99 65.9	41.9 77.9
83 93.1	59.1 109.7
85 58.9	39.6 73.6



#47
Tetrachloroethene
Concen: 4.111 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt	Ion:164	Resp:	77911
Ion	Ratio	Lower	Upper
164	100		
129	102.4	73.4	136.4
131	101.6	71.5	132.9
166	127.2	92.7	172.1



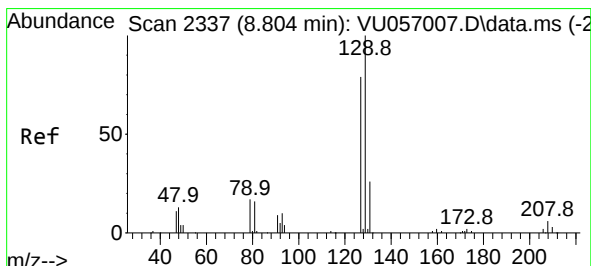
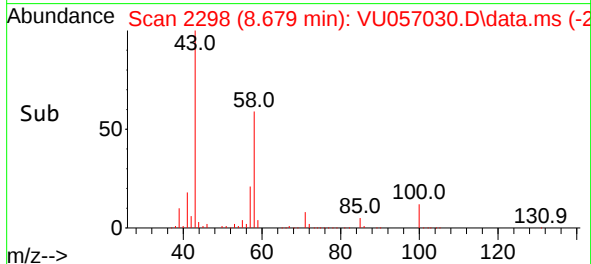
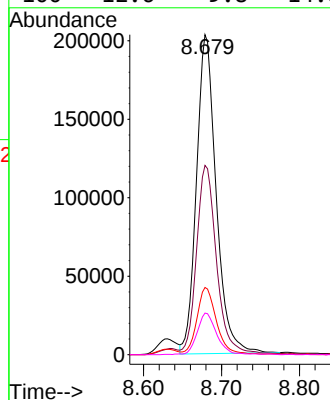
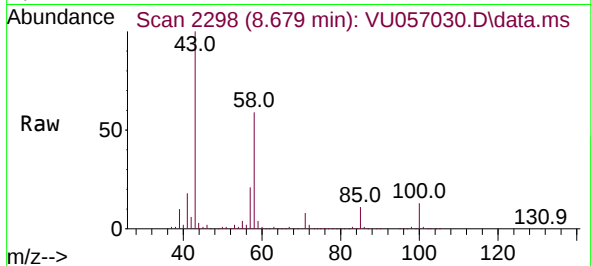


#48
2-Hexanone
Concen: 41.812 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 357081

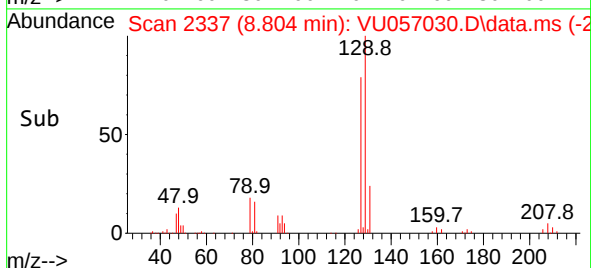
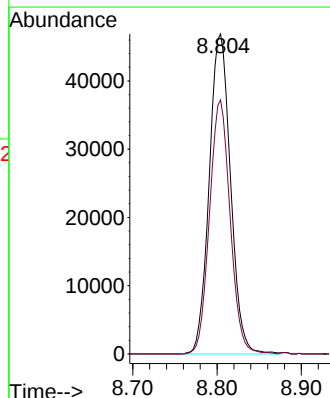
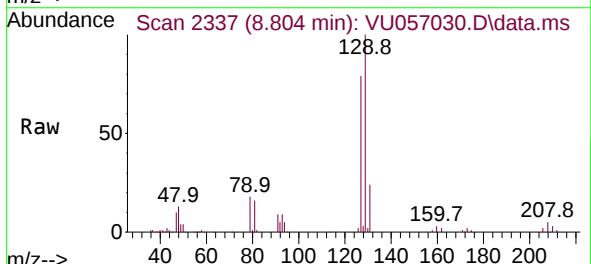
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.5	71.3
57	20.6	17.0	25.4
100	12.6	9.8	14.8

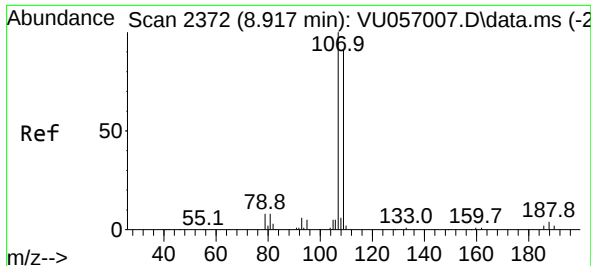


#49
Dibromochloromethane
Concen: 4.202 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 129 Resp: 82453

Ion	Ratio	Lower	Upper
129	100		
127	79.4	53.9	100.1

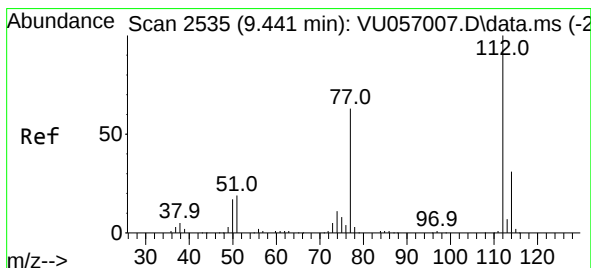
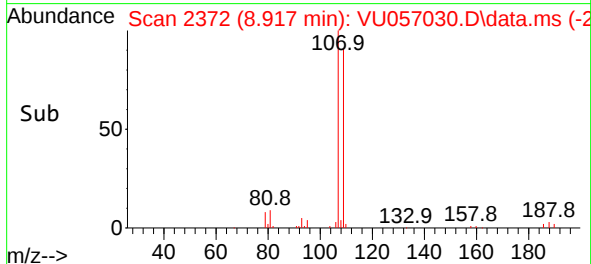
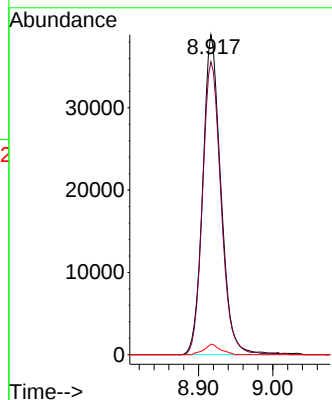
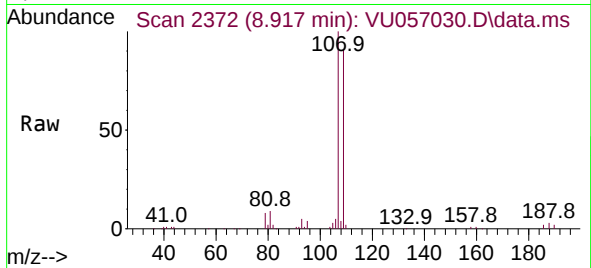




#50
1,2-Dibromoethane
Concen: 4.158 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

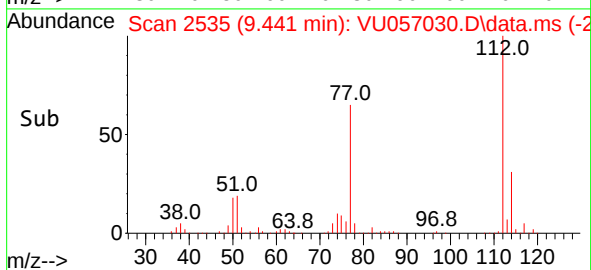
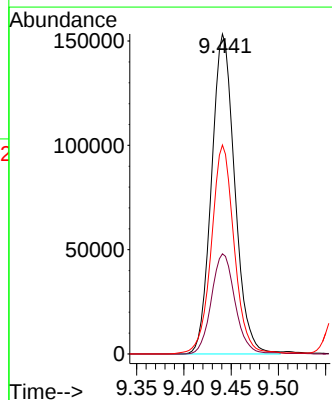
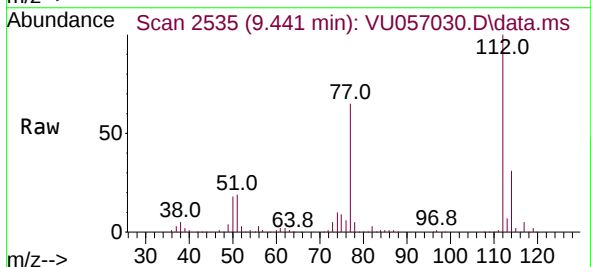
Instrument :
MSVOA_U
ClientSampleId :

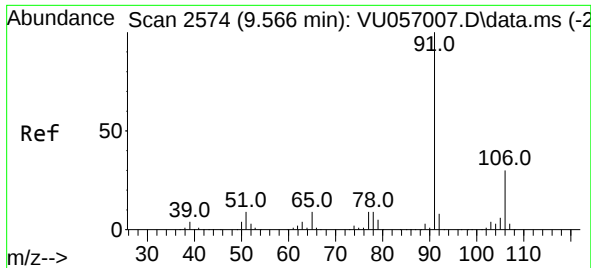
Tgt Ion:107 Resp: 65879
Ion Ratio Lower Upper
107 100
109 91.5 66.5 123.5
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 4.019 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion:112 Resp: 261611
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 65.3 51.6 77.4

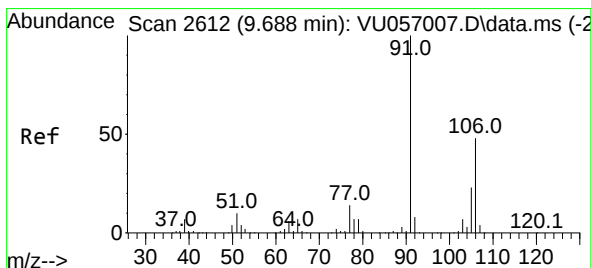
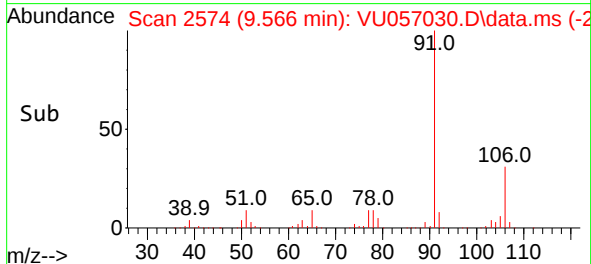
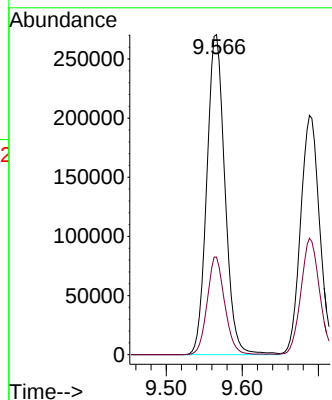
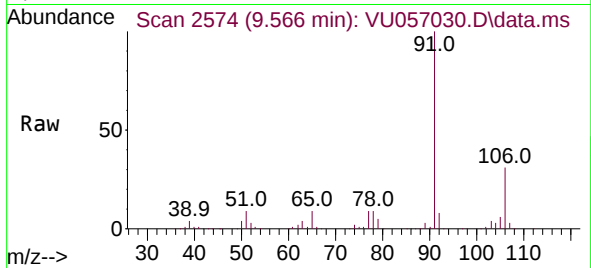




#52
Ethylbenzene
Concen: 3.971 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

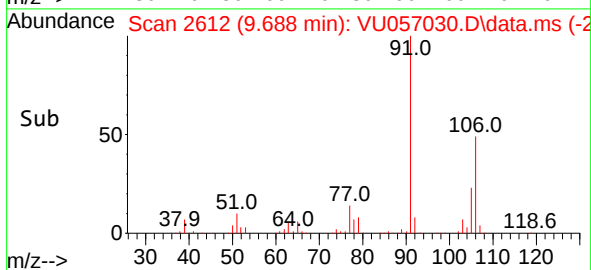
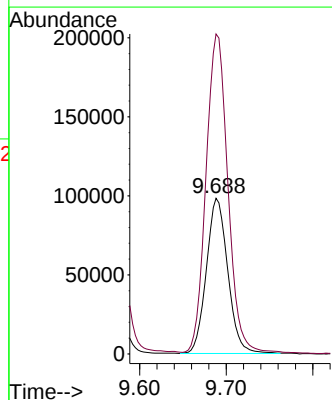
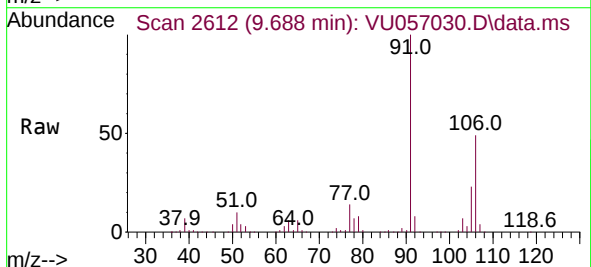
Instrument :
MSVOA_U
ClientSampleId :

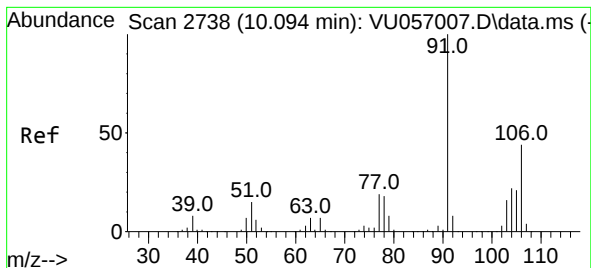
Tgt Ion: 91 Resp: 447468
Ion Ratio Lower Upper
91 100
106 30.5 20.6 38.4



#53
m,p-Xylene
Concen: 4.015 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

Tgt Ion: 106 Resp: 168531
Ion Ratio Lower Upper
106 100
91 205.6 154.0 286.0





#54

o-Xylene

Concen: 4.016 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

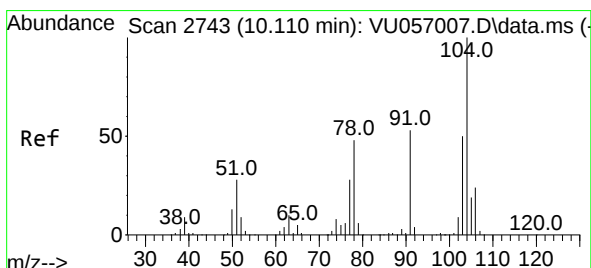
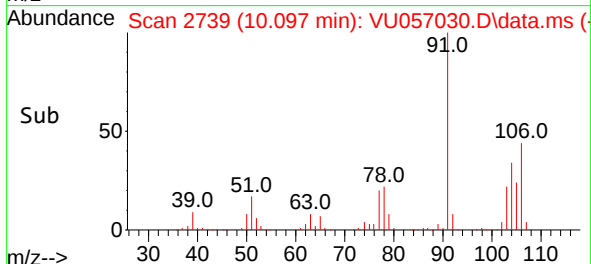
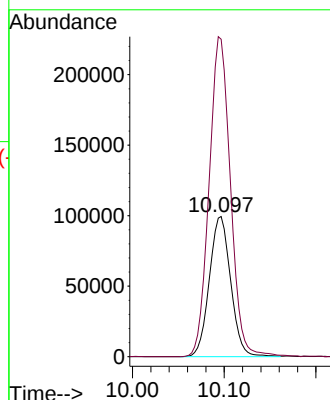
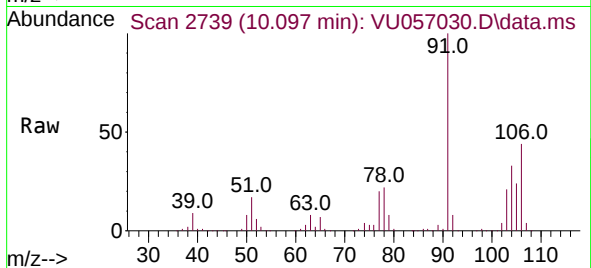
ClientSampleId :

Tgt Ion:106 Resp: 160600

Ion Ratio Lower Upper

106 100

91 226.6 160.2 297.6



#55

Styrene

Concen: 4.235 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057030.D

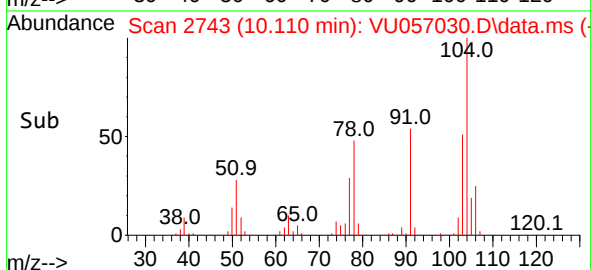
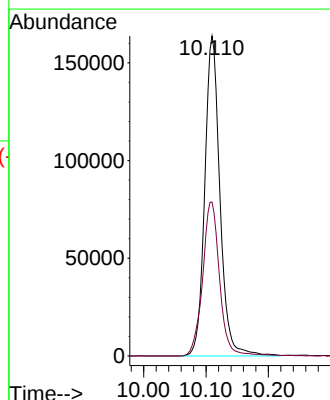
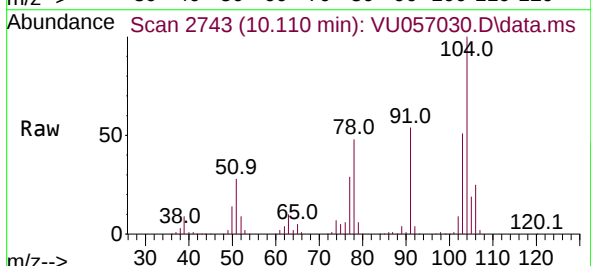
Acq: 19 Dec 2023 06:57

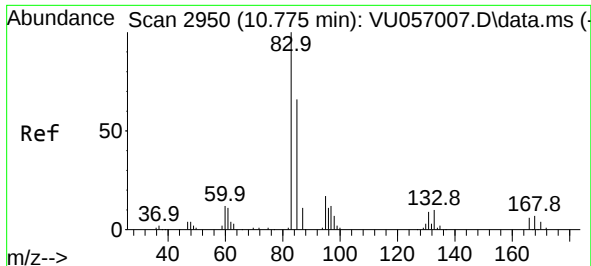
Tgt Ion:104 Resp: 278102

Ion Ratio Lower Upper

104 100

78 48.1 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.278 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057030.D

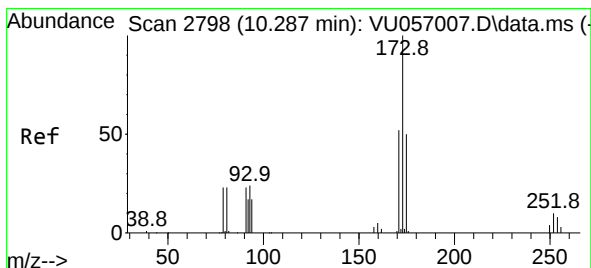
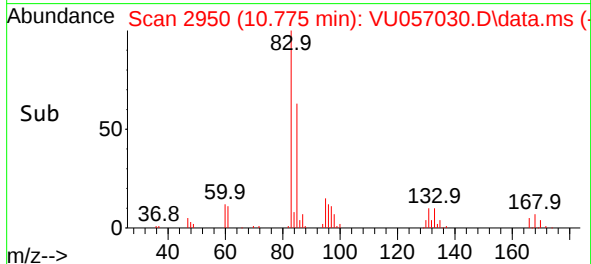
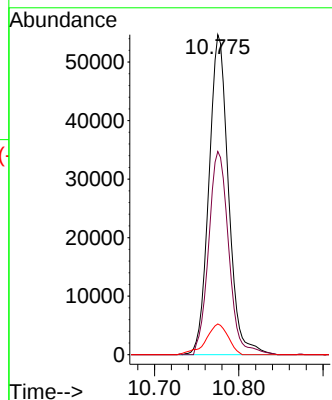
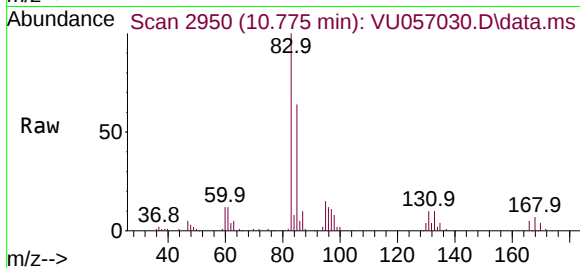
Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	88242
Ion Ratio	Lower	Upper	
83	100		
85	63.5	45.4	84.4
131	9.6	6.6	9.8



#59

Bromoform

Concen: 4.197 ug/L

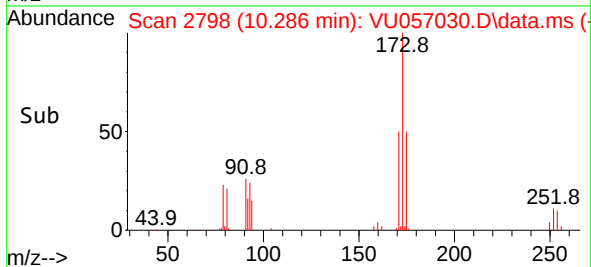
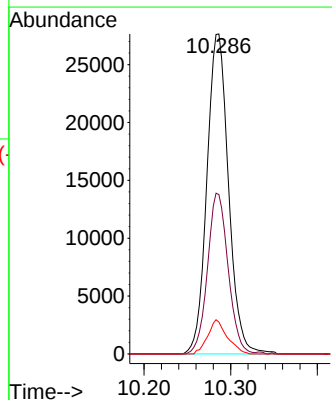
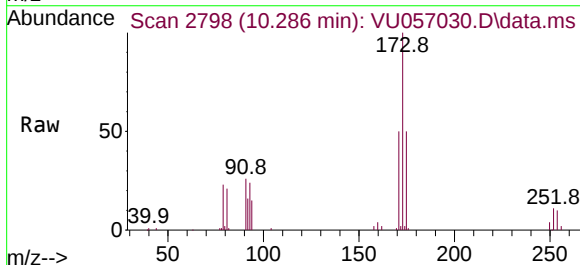
RT: 10.286 min Scan# 2798

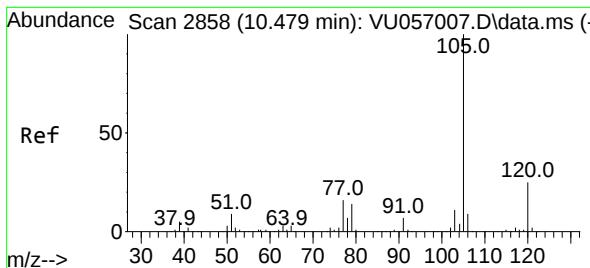
Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Tgt Ion:	173	Resp:	47923
Ion Ratio	Lower	Upper	
173	100		
175	47.9	38.2	57.2
254	9.6	7.0	10.4





#60

Isopropylbenzene

Concen: 3.899 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

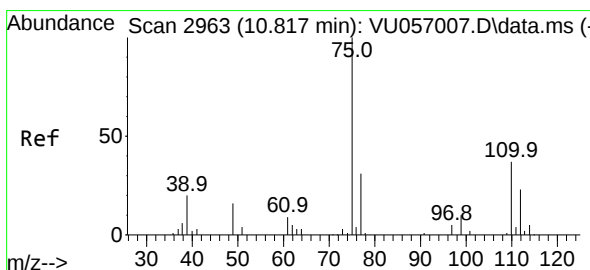
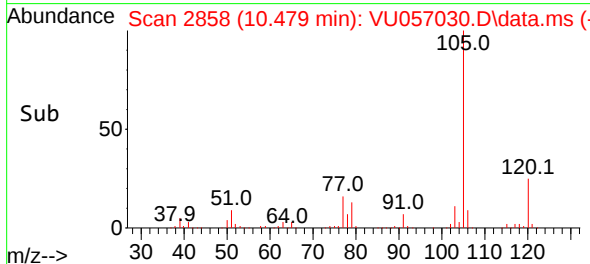
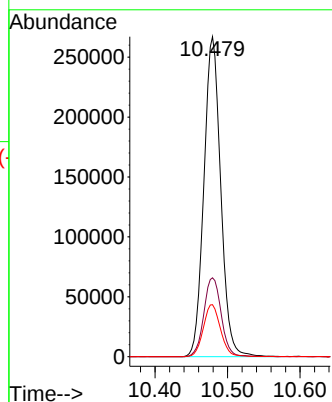
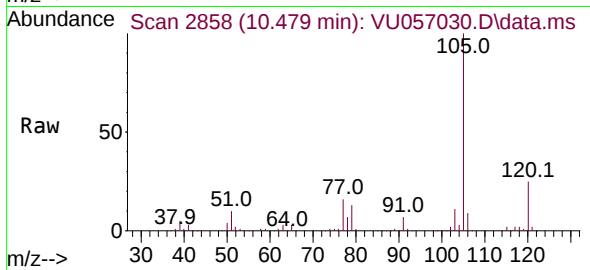
Tgt Ion:105 Resp: 430742

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 3.973 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

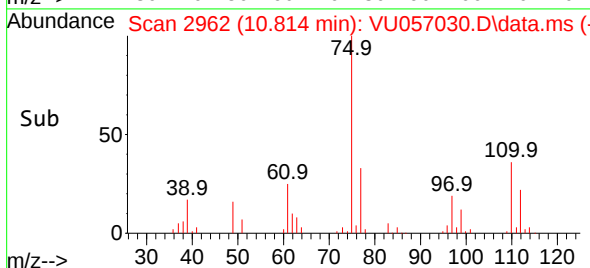
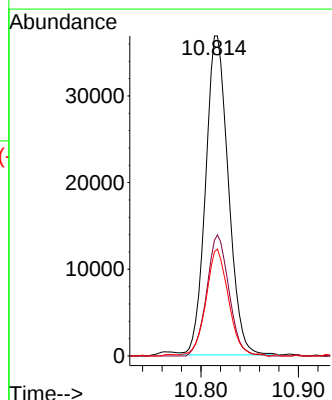
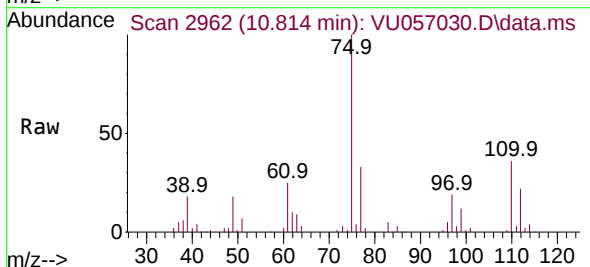
Tgt Ion: 75 Resp: 59655

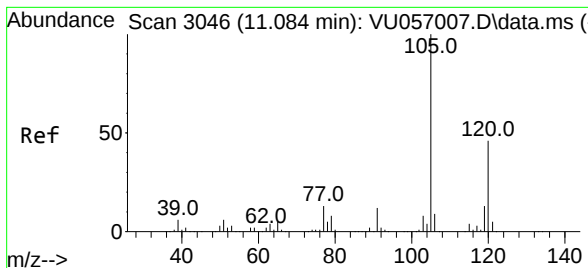
Ion Ratio Lower Upper

75 100

110 37.2 28.4 42.6

77 33.4 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 3.711 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

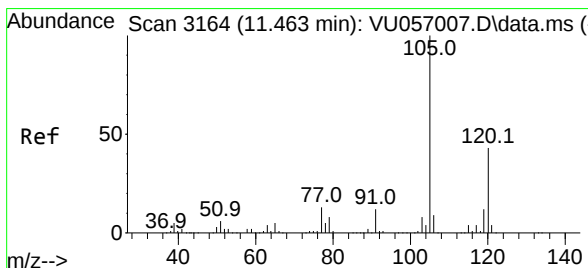
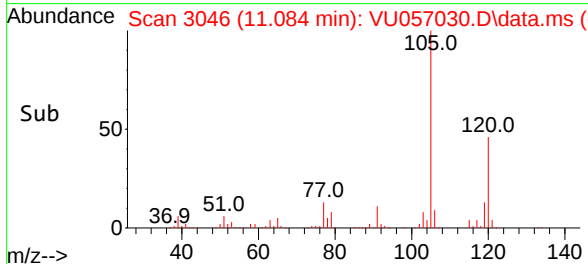
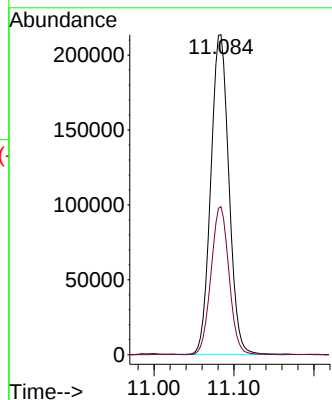
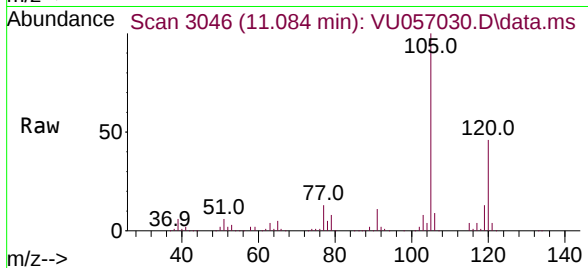
ClientSampleId :

Tgt Ion:105 Resp: 335120

Ion Ratio Lower Upper

105 100

120 46.1 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 3.817 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057030.D

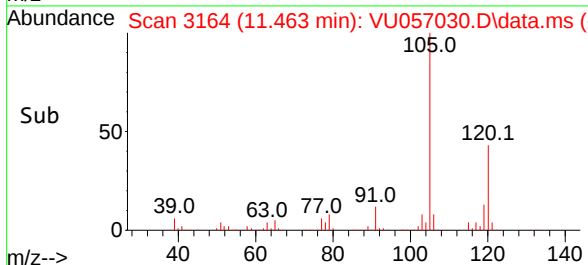
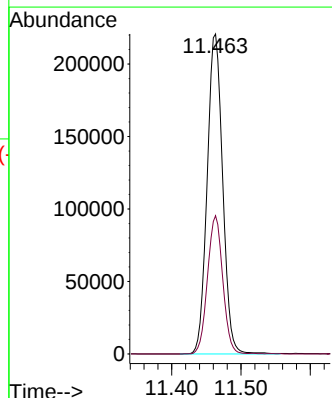
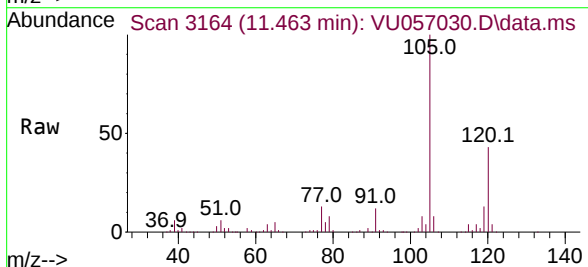
Acq: 19 Dec 2023 06:57

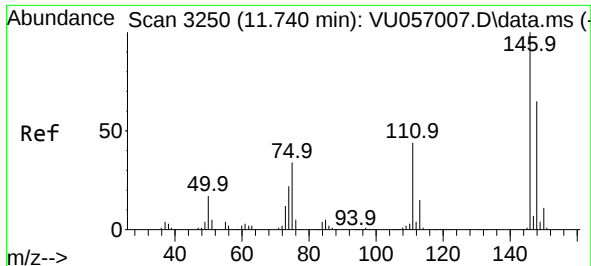
Tgt Ion:105 Resp: 342332

Ion Ratio Lower Upper

105 100

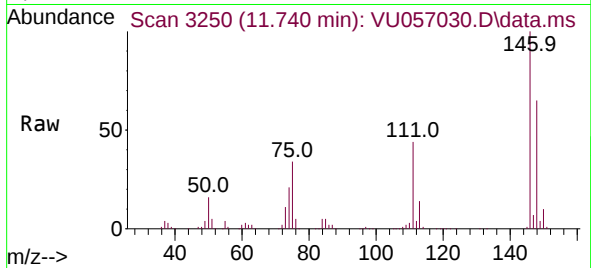
120 42.4 34.2 51.4



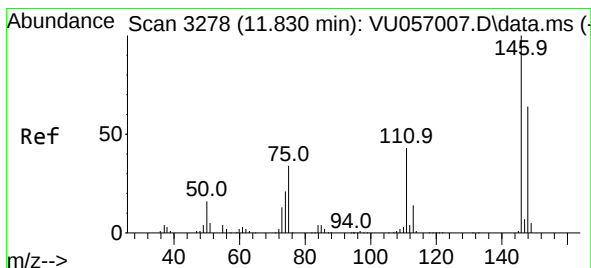
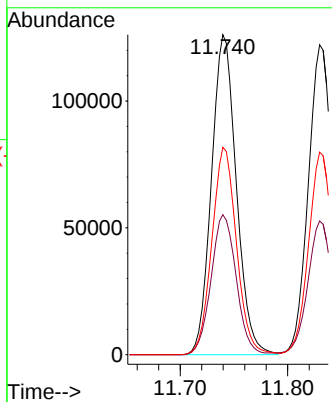
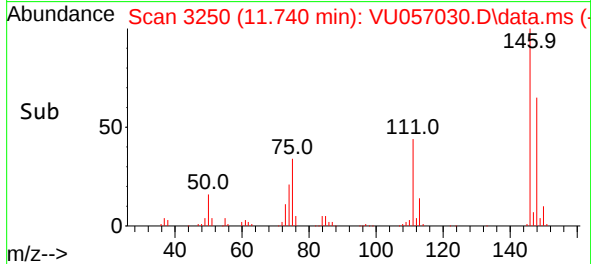


#64
1,3-Dichlorobenzene
Concen: 3.878 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57

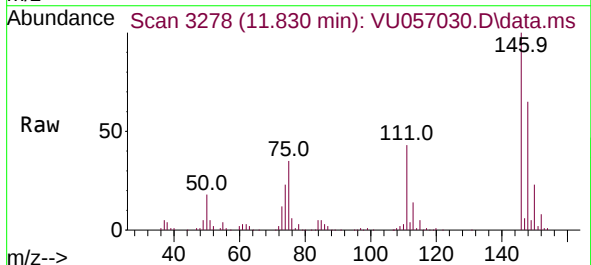
Instrument :
MSVOA_U
ClientSampleId :



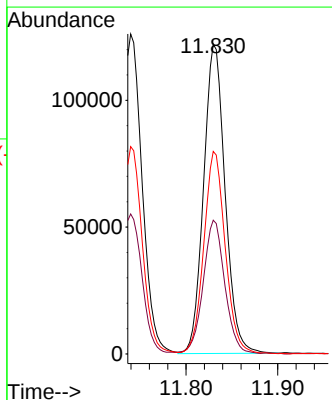
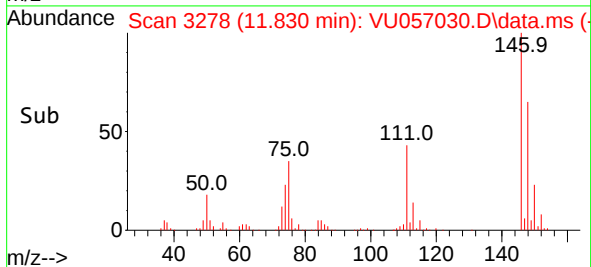
Tgt Ion:146 Resp: 202681
Ion Ratio Lower Upper
146 100
111 43.8 31.7 58.9
148 64.8 44.3 82.3

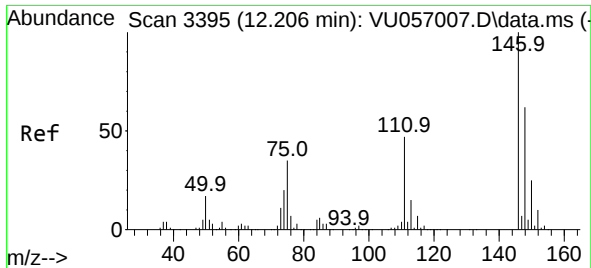


#65
1,4-Dichlorobenzene
Concen: 3.859 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057030.D
Acq: 19 Dec 2023 06:57



Tgt Ion:146 Resp: 198603
Ion Ratio Lower Upper
146 100
111 43.2 31.2 58.0
148 65.4 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 3.944 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

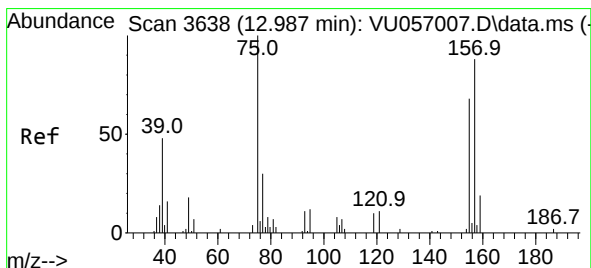
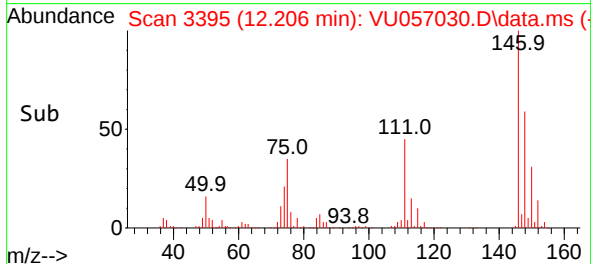
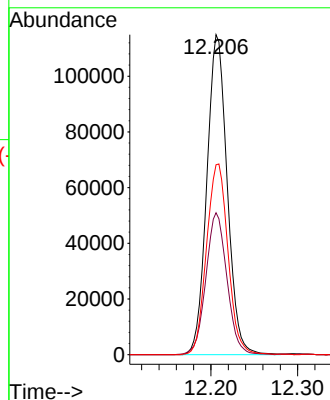
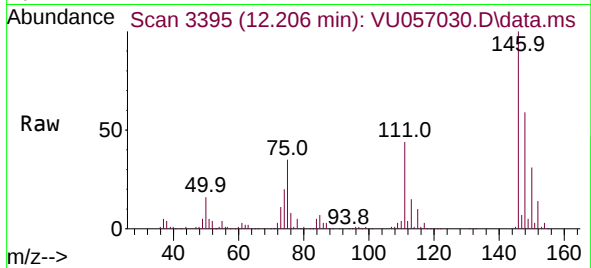
Tgt Ion:146 Resp: 187791

Ion Ratio Lower Upper

146 100

111 44.4 36.9 55.3

148 59.3 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.105 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

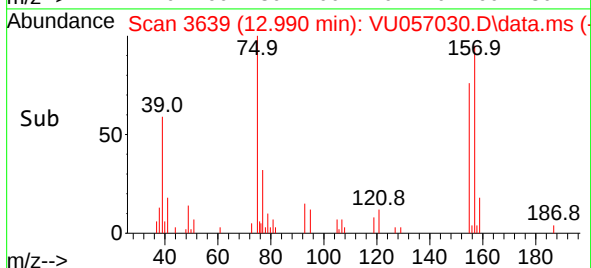
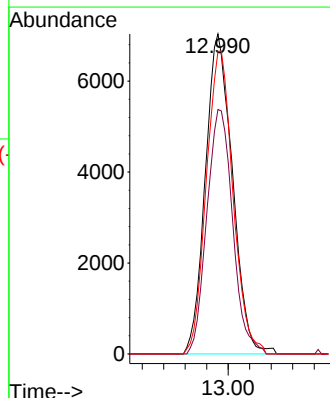
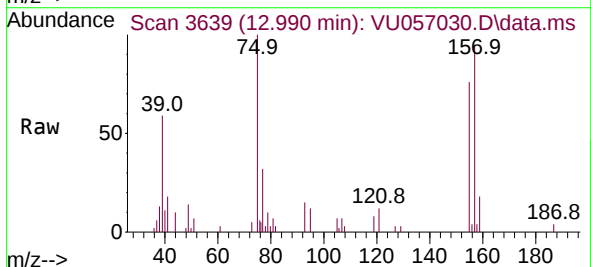
Tgt Ion: 75 Resp: 12305

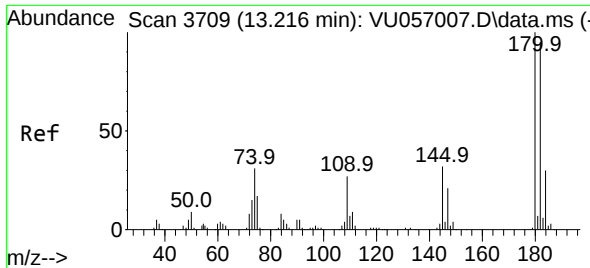
Ion Ratio Lower Upper

75 100

155 76.4 55.4 83.2

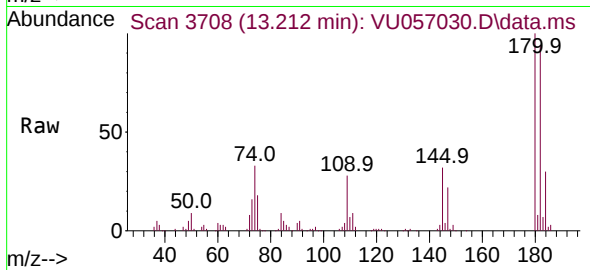
157 94.6 77.3 115.9



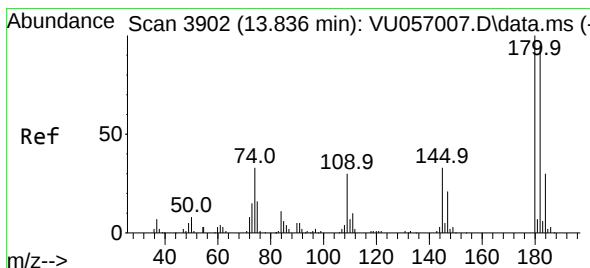
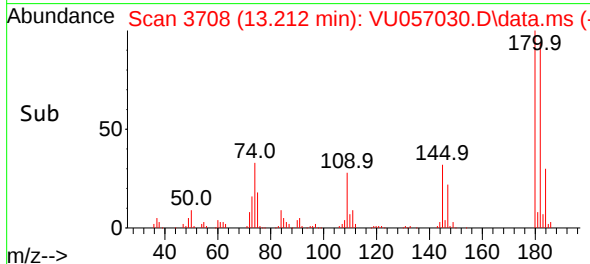
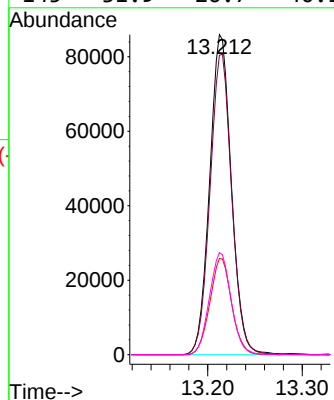


#69
 1,3,5-Trichlorobenzene
 Concen: 3.470 ug/L
 RT: 13.212 min Scan# 3709
 Delta R.T. -0.003 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Instrument :
 MSVOA_U
 ClientSampleId :

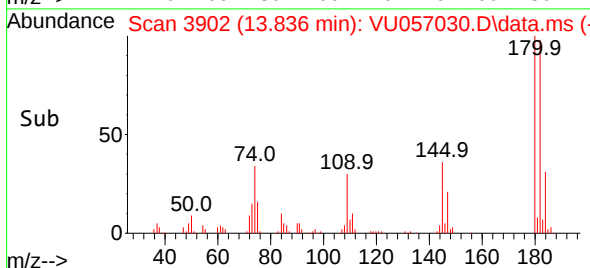
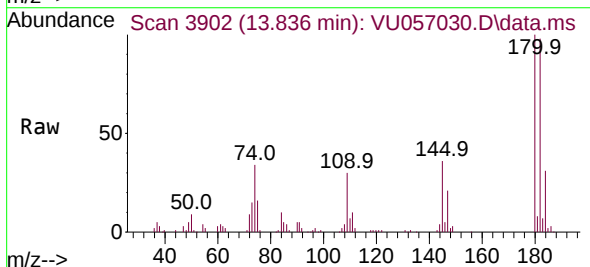
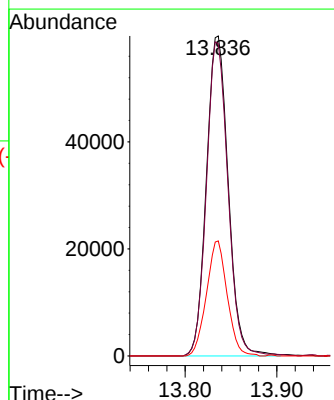


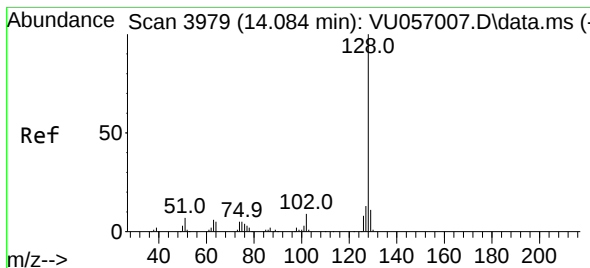
Tgt Ion:180 Resp: 137046
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.2 114.4
 184 30.0 24.6 37.0
 145 31.9 26.7 40.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.160 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU057030.D
 Acq: 19 Dec 2023 06:57

Tgt Ion:180 Resp: 98833
 Ion Ratio Lower Upper
 180 100
 182 96.8 74.3 111.5
 145 34.1 26.7 40.1





#71

Naphthalene

Concen: 2.761 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU057030.D

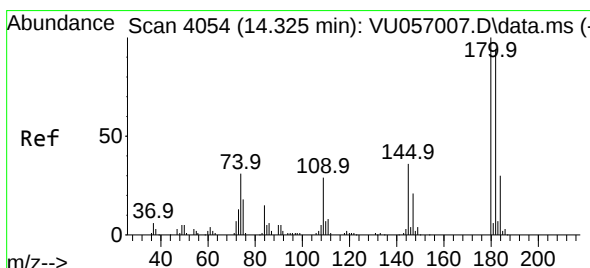
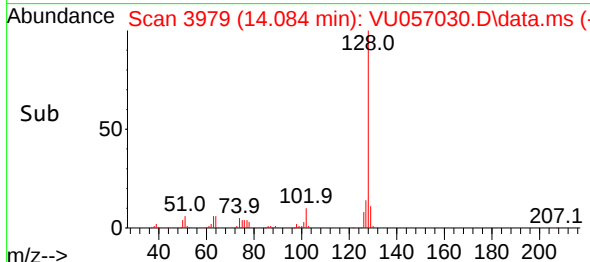
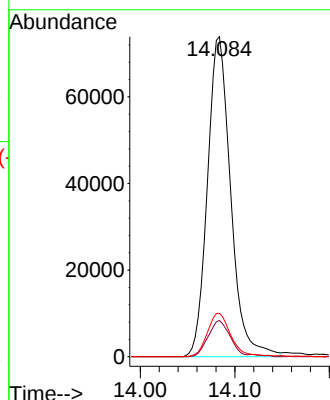
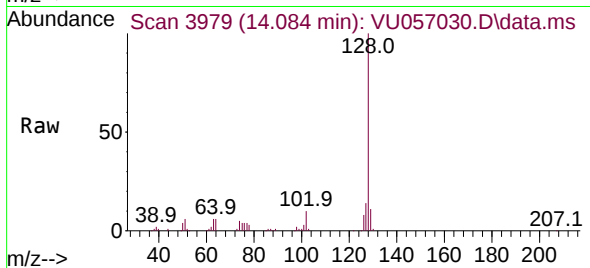
Acq: 19 Dec 2023 06:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	126365
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	13.7	10.2	15.2



#72

1,2,3-Trichlorobenzene

Concen: 3.217 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057030.D

Acq: 19 Dec 2023 06:57

Tgt Ion:	180	Resp:	85417
Ion Ratio	Lower	Upper	
180	100		
182	91.8	75.0	112.6
145	33.6	28.6	42.8

