

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020824\
 Data File : U057861.D
 Acq On : 08 Feb 2024 13:49
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 04:09:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 09 04:07:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225915	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76766	42.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.900%
7) Chloroethane-d5	1.882	69	64563	46.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	2.557	63	140735	42.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.760%
21) 2-Butanone-d5	4.615	46	87230	86.923	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.920%
24) Chloroform-d	5.052	84	159420	49.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	101331	49.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	5.718	84	305100	46.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
36) 1,2-Dichloropropane-d6	6.682	67	99017	47.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.480%
41) Toluene-d8	7.891	98	269800	45.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.620%
43) trans-1,3-Dichloroprop...	8.174	79	47314	46.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.627	63	90355	106.724	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	152664	56.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	12.190	152	107801	48.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	84337	42.225	ug/L	100
3) Chloromethane	1.515	50	97517	52.205	ug/L	100
5) Vinyl chloride	1.602	62	91883	46.557	ug/L	100
6) Bromomethane	1.824	94	38166	31.436	ug/L	98
8) Chloroethane	1.907	64	60178	51.078	ug/L	98
9) Trichlorofluoromethane	2.123	101	117552	42.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	69296	42.545	ug/L	98
12) 1,1-Dichloroethene	2.570	96	67316	45.253	ug/L	93
13) Acetone	2.615	43	88975	69.015	ug/L	99
14) Carbon disulfide	2.782	76	209005	45.500	ug/L	99
15) Methyl Acetate	2.936	43	90992	55.478	ug/L	98
16) Methylene chloride	3.033	84	93527	54.419	ug/L	96
17) trans-1,2-Dichloroethene	3.341	96	77018	50.809	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	293967	55.245	ug/L	99
19) 1,1-Dichloroethane	3.859	63	162198	53.319	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	92443	52.834	ug/L	97
22) 2-Butanone	4.689	43	127623	92.893	ug/L	99
23) Bromochloromethane	4.965	128	48000	55.958	ug/L	96
25) Chloroform	5.078	83	168436	54.067	ug/L	100

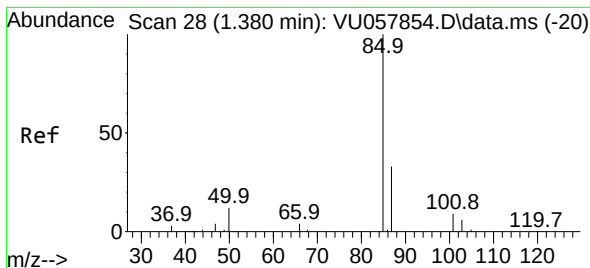
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020824\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	139471	54.062	ug/L	100
29) Cyclohexane	5.377	56	116973	41.347	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	130312	46.470	ug/L	99
31) Carbon tetrachloride	5.515	117	107046	43.843	ug/L	100
33) Benzene	5.766	78	353308	51.335	ug/L	100
34) Trichloroethene	6.534	95	88003	47.553	ug/L	98
35) Methylcyclohexane	6.756	83	122405	41.344	ug/L	100
37) 1,2-Dichloropropane	6.782	63	101283	53.677	ug/L	99
38) Bromodichloromethane	7.097	83	126770	53.360	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	157081	51.360	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	272697	116.100	ug/L	99
42) Toluene	7.965	91	364186	50.524	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	147755	52.622	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	96516	55.395	ug/L	98
46) Tetrachloroethene	8.550	164	58268	45.394	ug/L	97
48) 2-Hexanone	8.679	43	215922	105.673	ug/L	97
49) Dibromochloromethane	8.804	129	95839	54.539	ug/L	100
50) 1,2-Dibromoethane	8.917	107	101630	54.594	ug/L	99
51) Chlorobenzene	9.441	112	238865	52.178	ug/L	97
52) Ethylbenzene	9.566	91	396237	48.460	ug/L	99
53) m,p-Xylene	9.688	106	146916	48.890	ug/L	95
54) o-Xylene	10.097	106	151682	51.838	ug/L	97
55) Styrene	10.110	104	265164	54.286	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	171963	61.243	ug/L	99
59) Bromoform	10.287	173	73206	55.025	ug/L #	96
60) 1,2,3-Trichloropropane	10.817	75	135633	56.574	ug/L	99
61) Isopropylbenzene	10.479	105	384247	45.926	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	342012	48.712	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	351501	50.020	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	184956	51.020	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	190179	51.146	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	191811	52.486	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	33818	55.614	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	126146	49.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	106546	48.850	ug/L	100
71) Naphthalene	14.084	128	303441	51.898	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	100389	49.190	ug/L	99

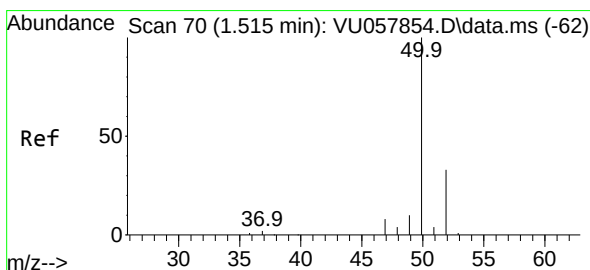
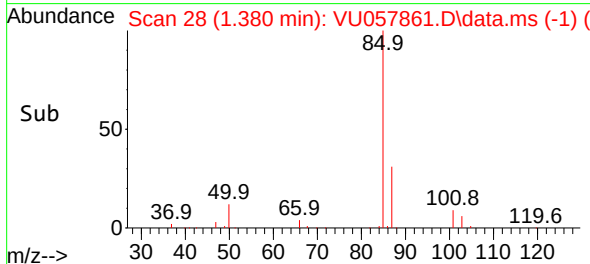
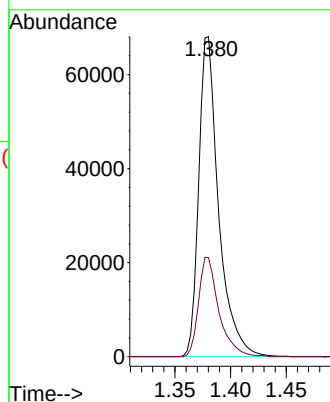
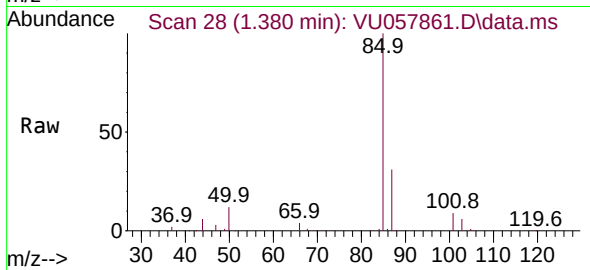
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.225 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU057861.D
 Acq: 08 Feb 2024 13:49

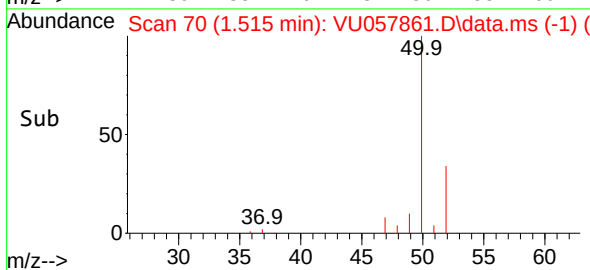
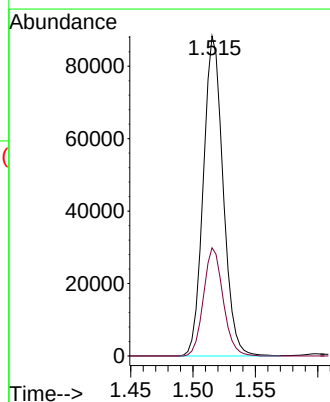
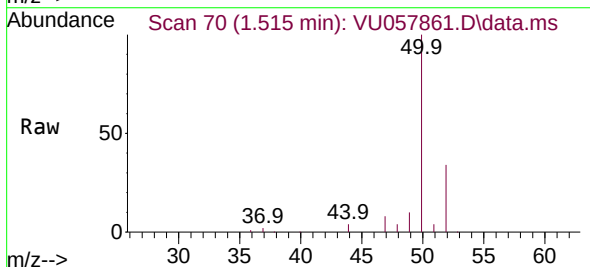
Instrument :
 MSVOA_U
 ClientSampleId :

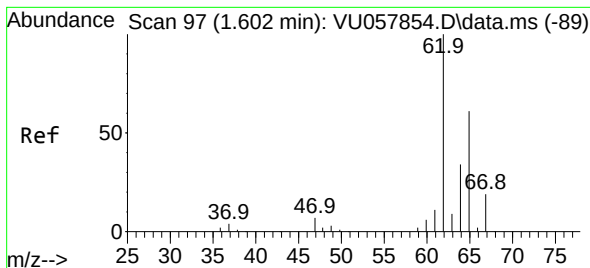
Tgt Ion: 85 Resp: 84337
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.4 38.0



#3
 Chloromethane
 Concen: 52.205 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057861.D
 Acq: 08 Feb 2024 13:49

Tgt Ion: 50 Resp: 97517
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 46.557 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

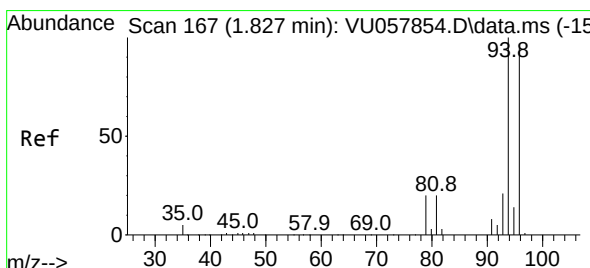
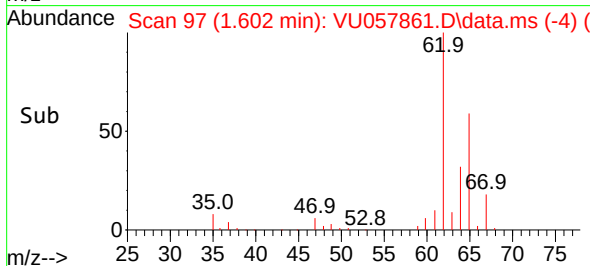
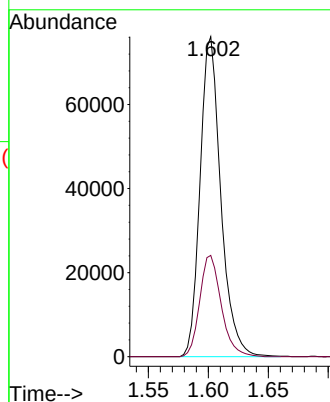
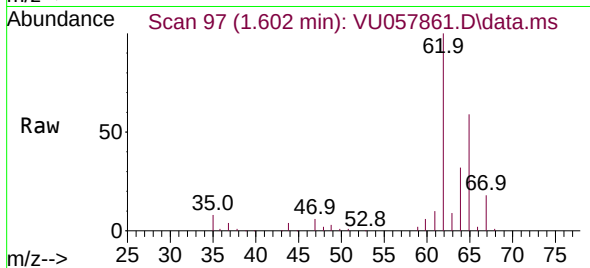
ClientSampleId :

Tgt Ion: 62 Resp: 91883

Ion Ratio Lower Upper

62 100

64 31.6 22.1 41.1



#6

Bromomethane

Concen: 31.436 ug/L

RT: 1.824 min Scan# 166

Delta R.T. -0.003 min

Lab File: VU057861.D

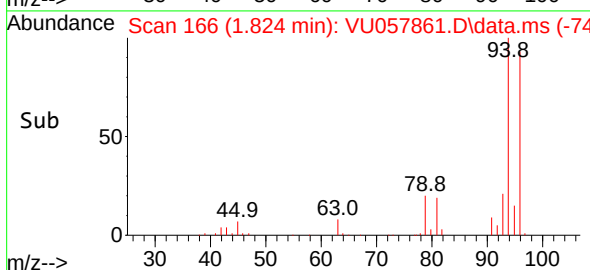
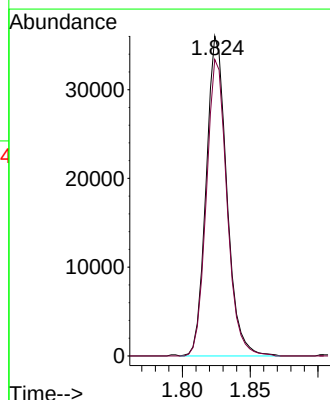
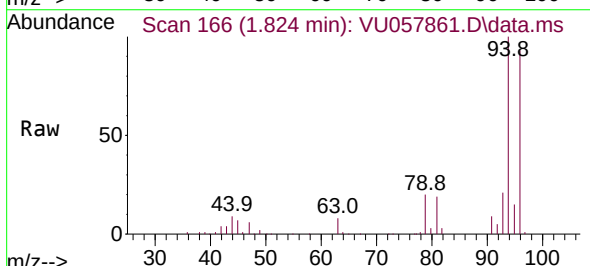
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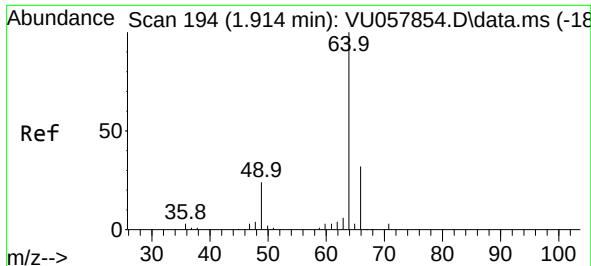
Tgt Ion: 94 Resp: 38166

Ion Ratio Lower Upper

94 100

96 92.7 66.0 122.6





#8

Chloroethane

Concen: 51.078 ug/L

RT: 1.907 min Scan# 19

Delta R.T. -0.006 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

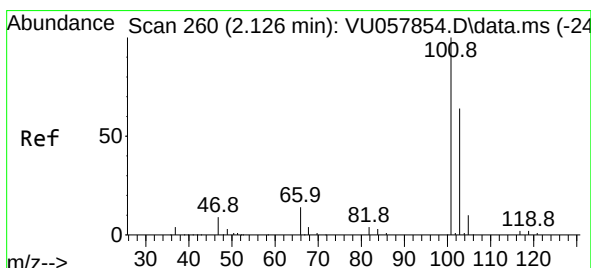
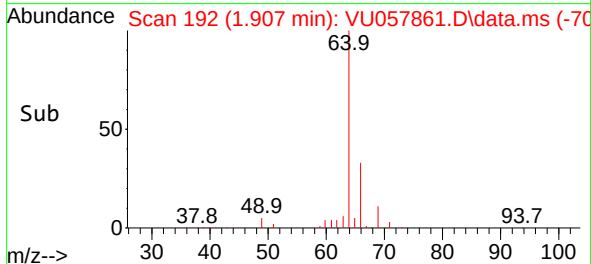
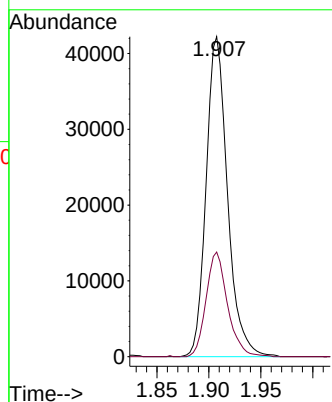
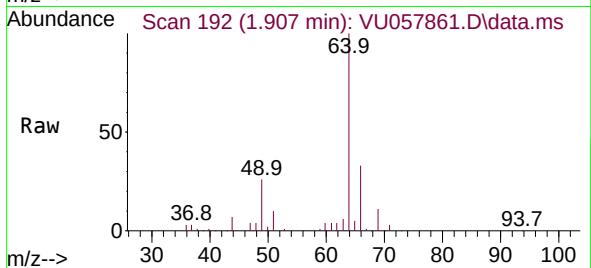
ClientSampleId :

Tgt Ion: 64 Resp: 60178

Ion Ratio Lower Upper

64 100

66 32.7 22.1 41.1



#9

Trichlorofluoromethane

Concen: 42.599 ug/L

RT: 2.123 min Scan# 259

Delta R.T. -0.003 min

Lab File: VU057861.D

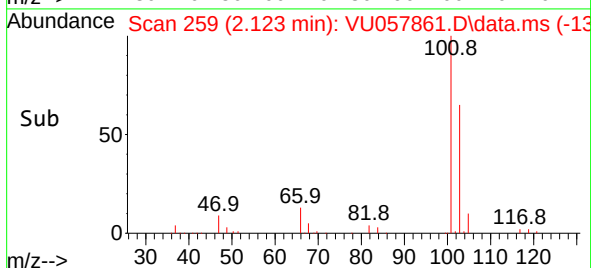
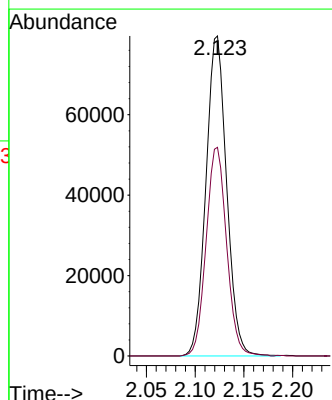
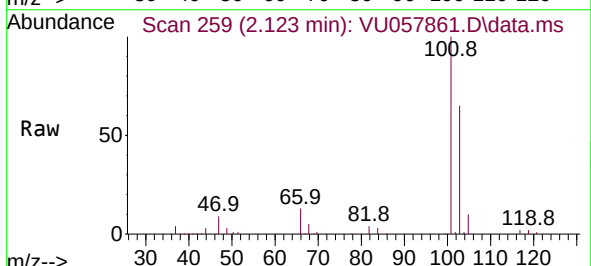
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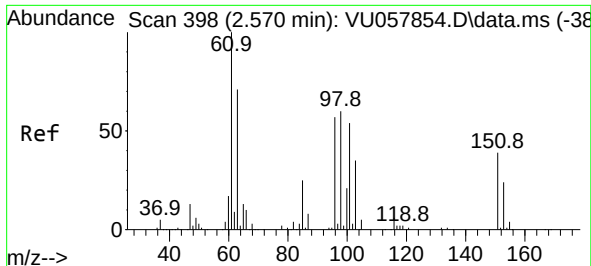
Tgt Ion:101 Resp: 117552

Ion Ratio Lower Upper

101 100

103 64.6 52.4 78.6

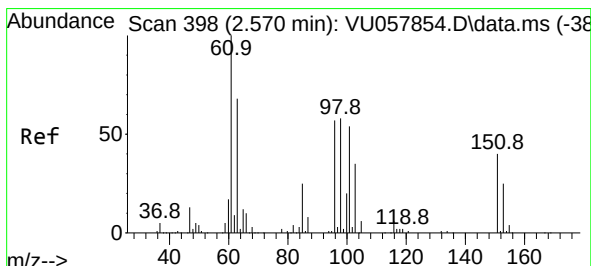
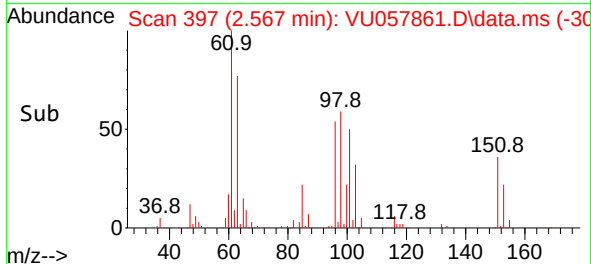
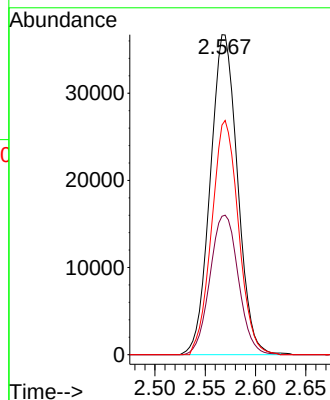
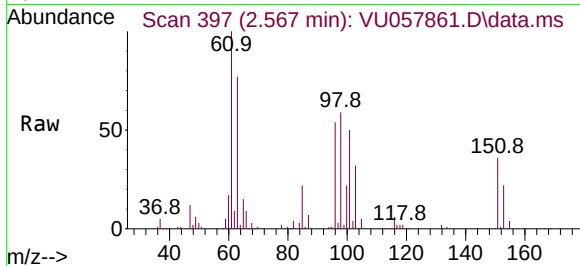




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.545 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

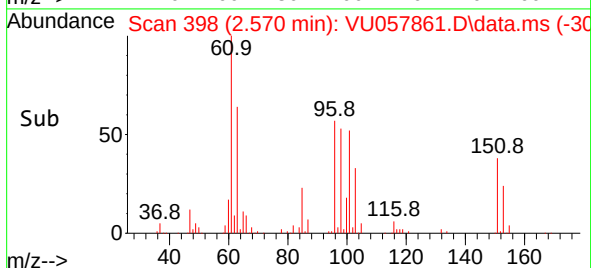
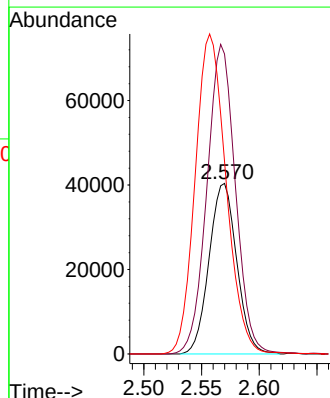
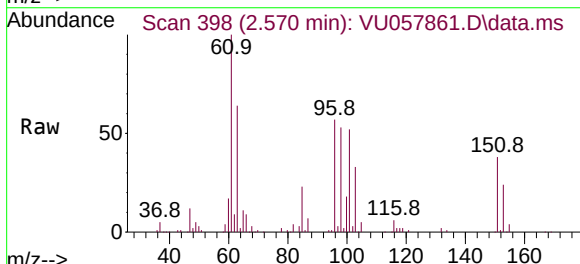
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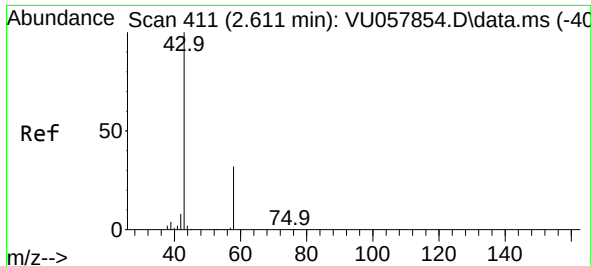
Tgt Ion:101 Resp: 69296
Ion Ratio Lower Upper
101 100
85 45.4 36.1 54.1
151 72.1 55.8 83.6



#12
1,1-Dichloroethene
Concen: 45.253 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 96 Resp: 67316
Ion Ratio Lower Upper
96 100
61 176.0 126.3 234.6
63 113.1 89.7 166.7





#13

Acetone

Concen: 69.015 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

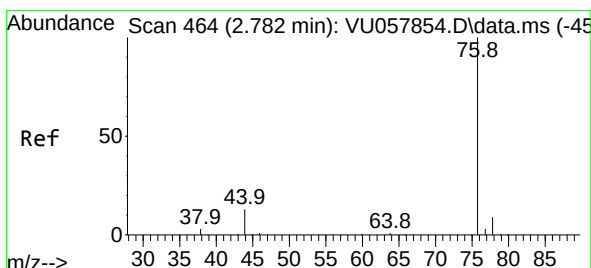
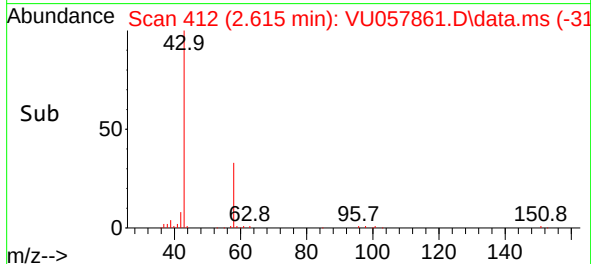
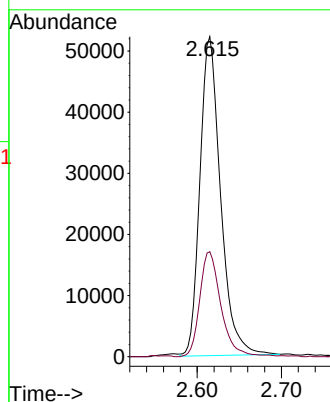
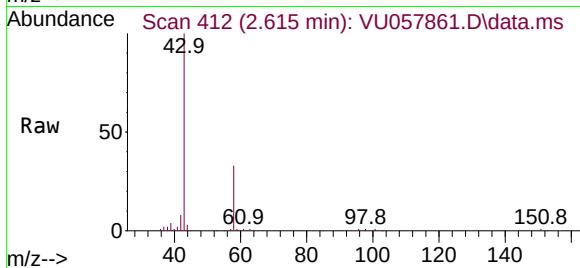
ClientSampleId :

Tgt Ion: 43 Resp: 88975

Ion Ratio Lower Upper

43 100

58 33.6 0.0 65.8



#14

Carbon disulfide

Concen: 45.500 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU057861.D

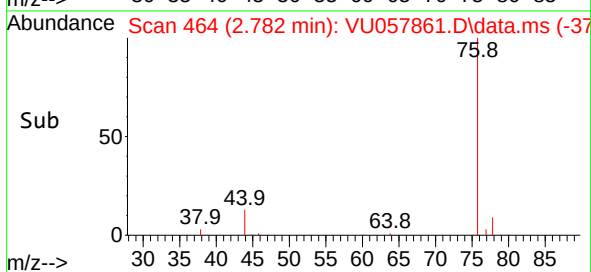
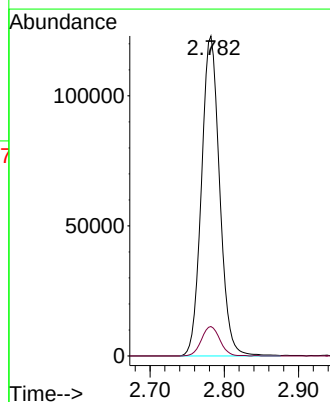
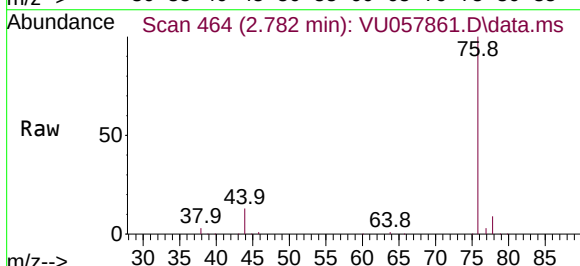
Acq: 08 Feb 2024 13:49

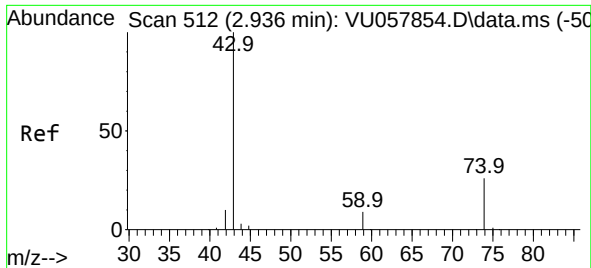
Tgt Ion: 76 Resp: 209005

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

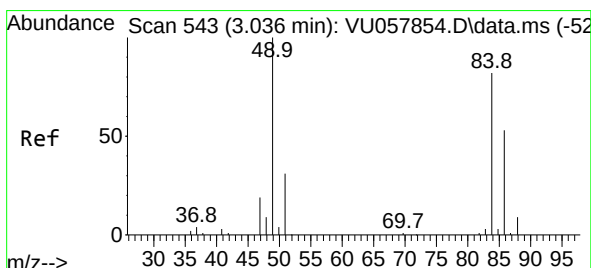
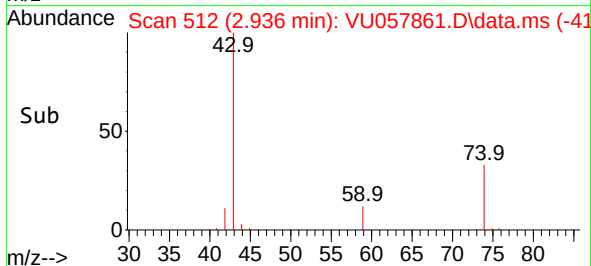
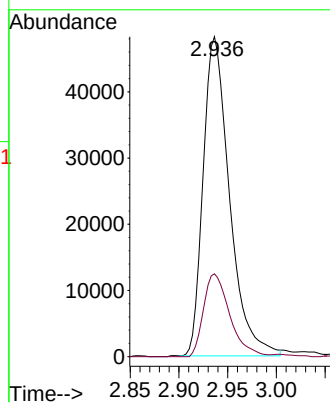
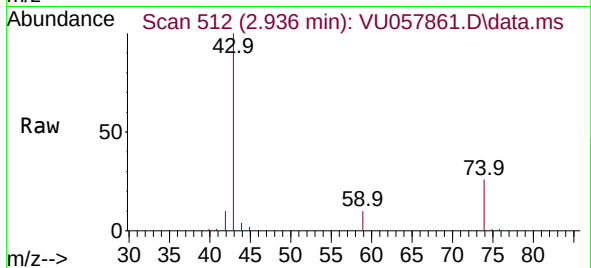




#15
Methyl Acetate
Concen: 55.478 ug/L
RT: 2.936 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

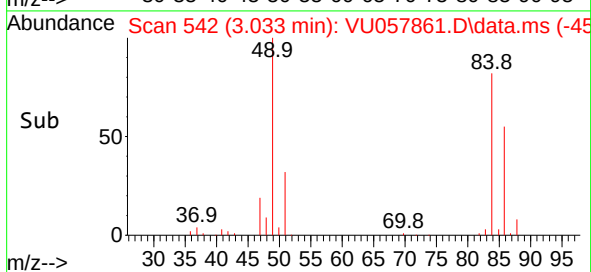
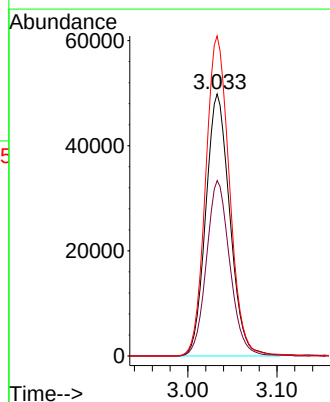
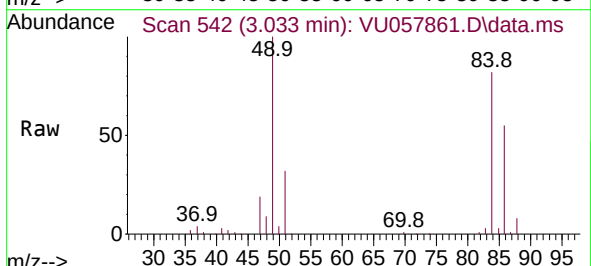
Instrument :
MSVOA_U
ClientSampleId :

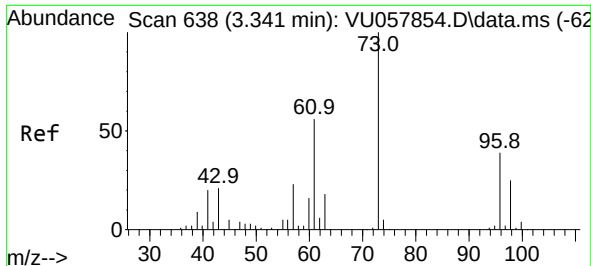
Tgt Ion: 43 Resp: 90992
Ion Ratio Lower Upper
43 100
74 25.8 19.7 29.5



#16
Methylene chloride
Concen: 54.419 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 84 Resp: 93527
Ion Ratio Lower Upper
84 100
86 66.9 43.0 80.0
49 122.1 83.7 155.4





#17

trans-1,2-Dichloroethene

Concen: 50.809 ug/L

RT: 3.341 min Scan# 61

Delta R.T. 0.000 min

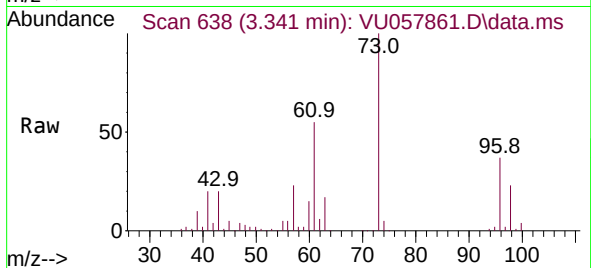
Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :



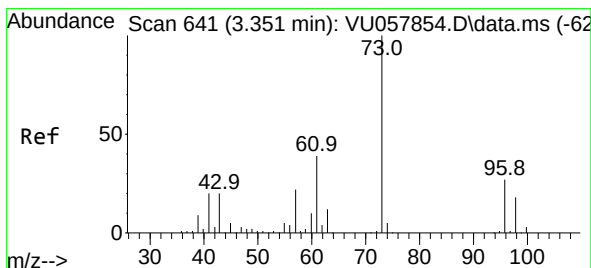
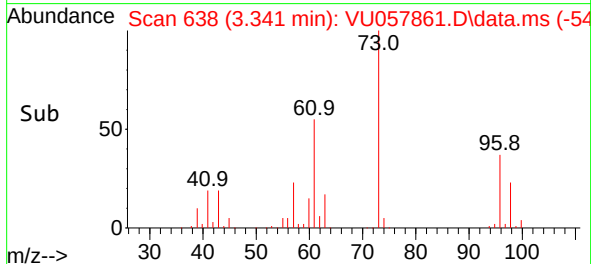
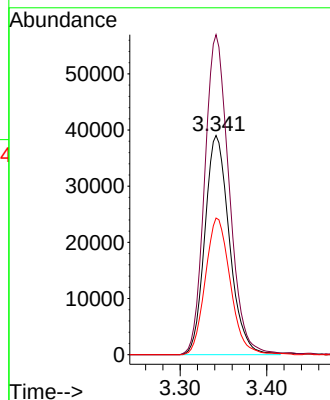
Tgt Ion: 96 Resp: 77018

Ion Ratio Lower Upper

96 100

61 146.0 102.8 190.8

98 62.3 44.2 82.2



#18

Methyl tert-butyl Ether

Concen: 55.245 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

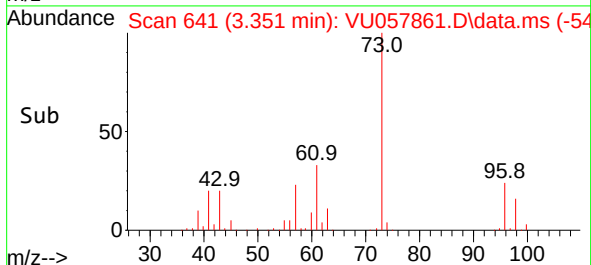
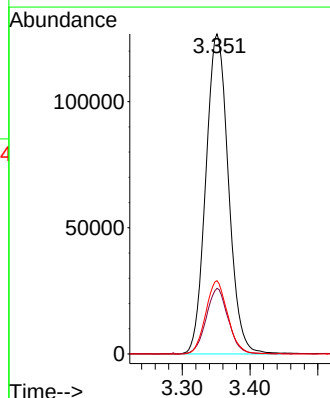
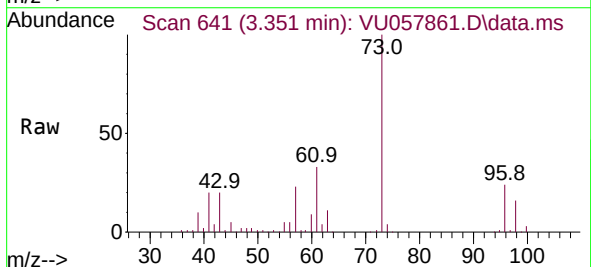
Tgt Ion: 73 Resp: 293967

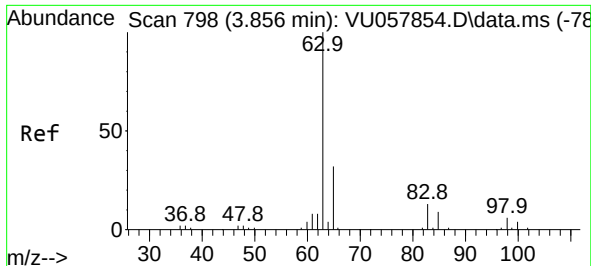
Ion Ratio Lower Upper

73 100

43 19.9 16.2 24.2

57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 53.319 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

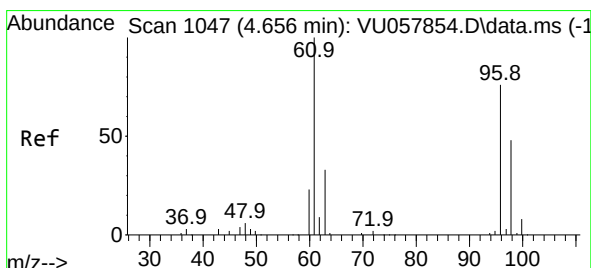
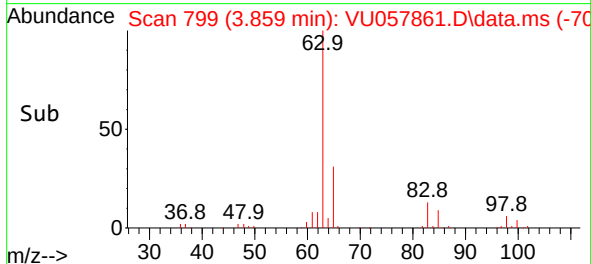
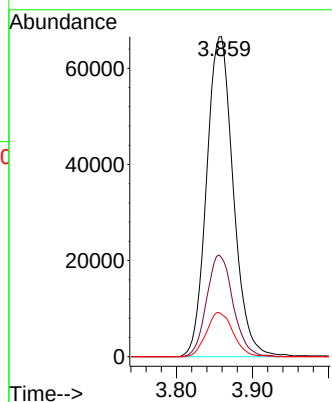
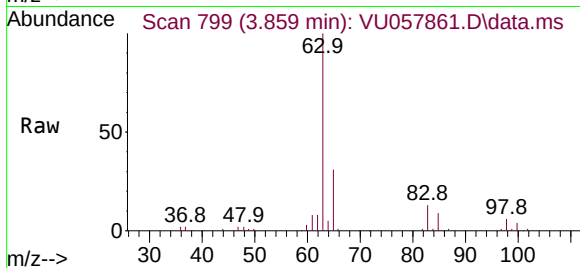
Tgt Ion: 63 Resp: 162198

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.3

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.834 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

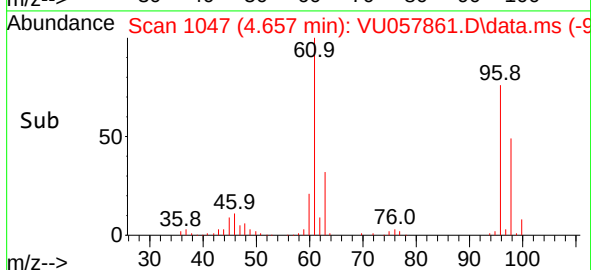
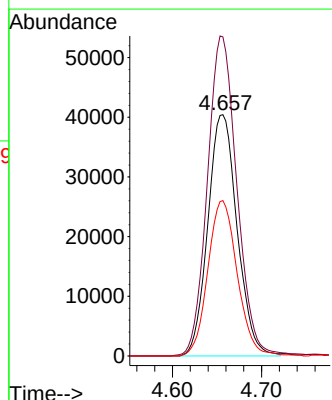
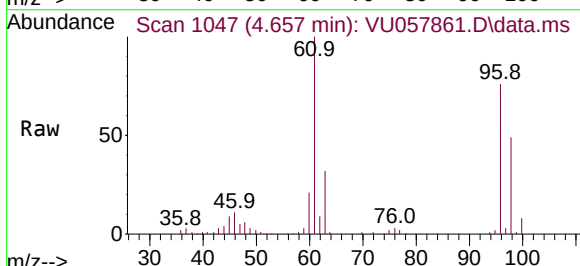
Tgt Ion: 96 Resp: 92443

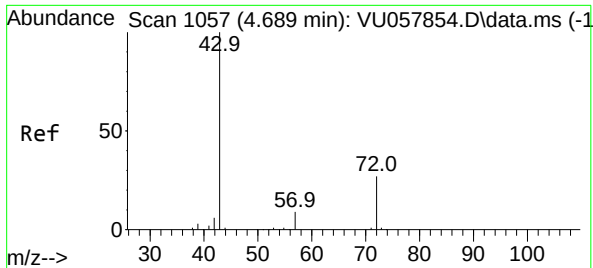
Ion Ratio Lower Upper

96 100

61 132.2 95.7 177.7

98 64.4 45.2 84.0

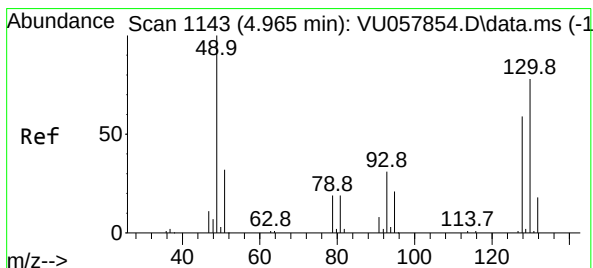
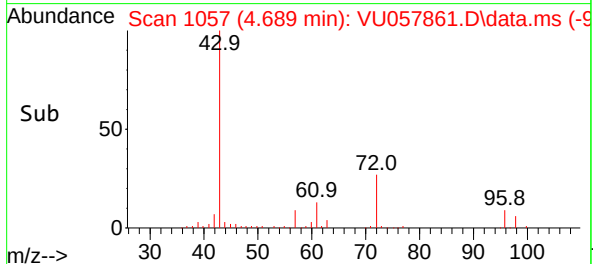
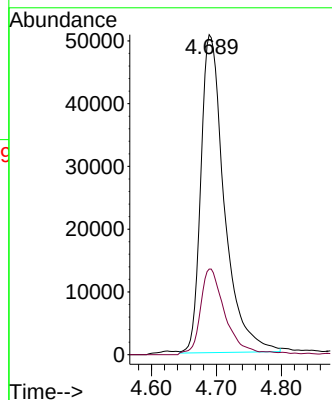
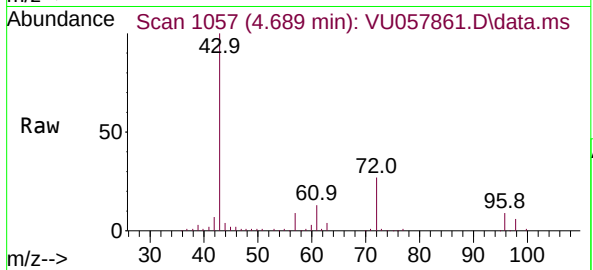




#22
2-Butanone
Concen: 92.893 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

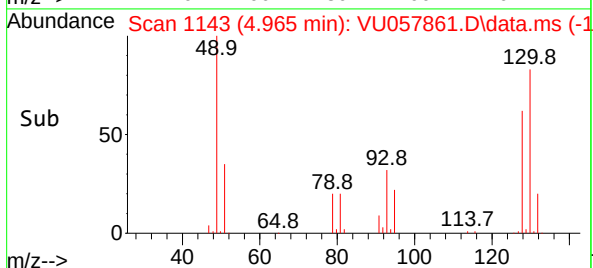
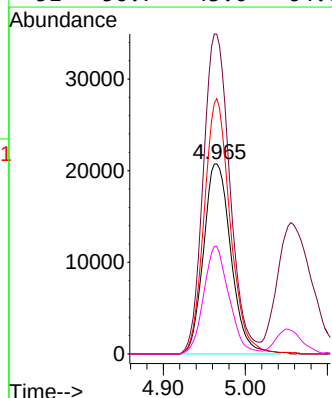
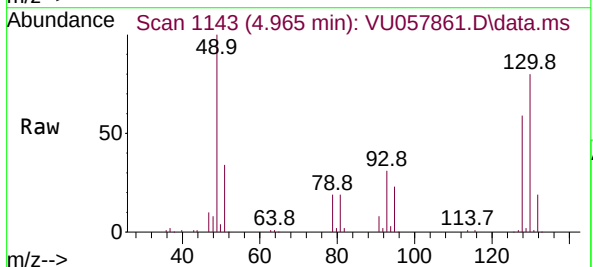
Instrument :
MSVOA_U
ClientSampleId :

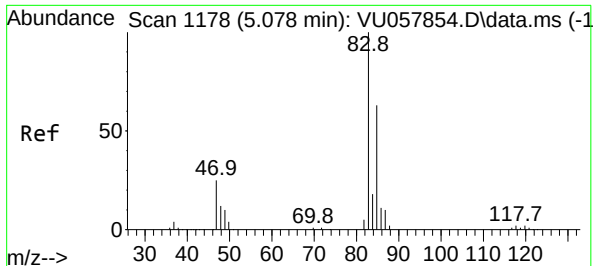
Tgt Ion: 43 Resp: 127623
Ion Ratio Lower Upper
43 100
72 27.9 13.8 41.3



#23
Bromochloromethane
Concen: 55.958 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 128 Resp: 48000
Ion Ratio Lower Upper
128 100
49 168.1 122.4 227.2
130 134.4 91.8 170.4
51 56.7 43.0 64.6

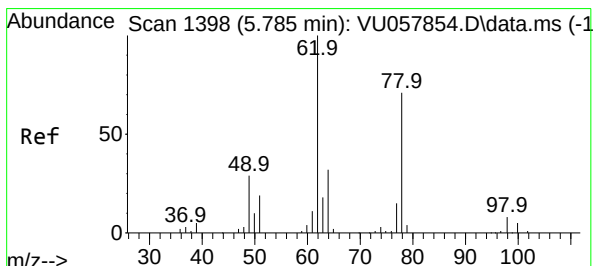
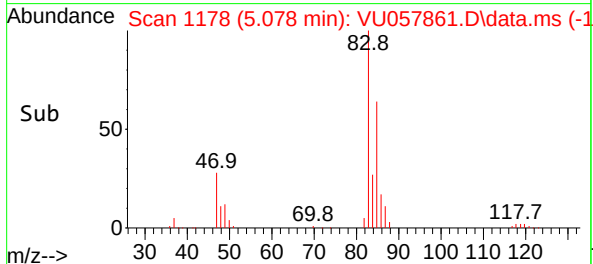
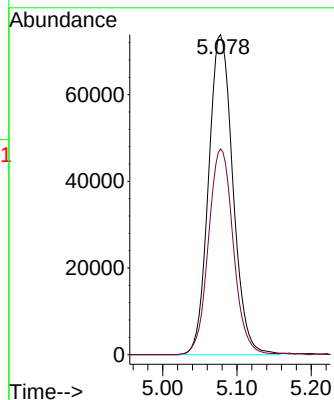
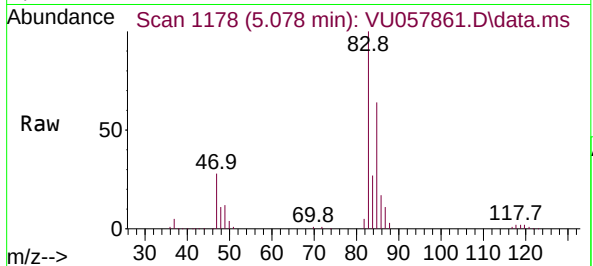




#25
Chloroform
Concen: 54.067 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

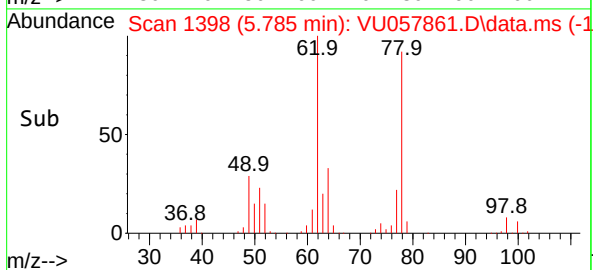
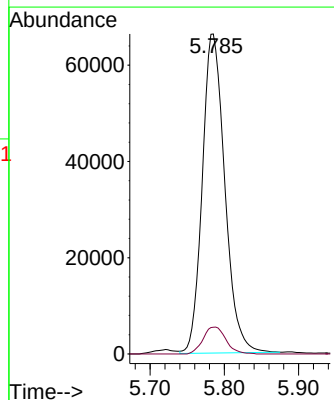
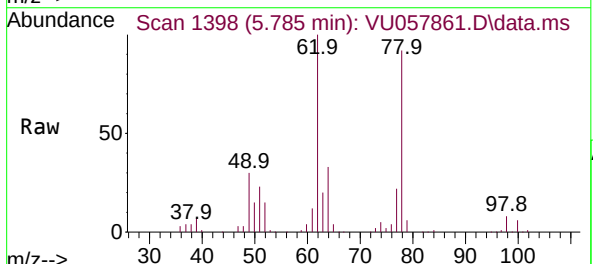
Instrument :
MSVOA_U
ClientSampleId :

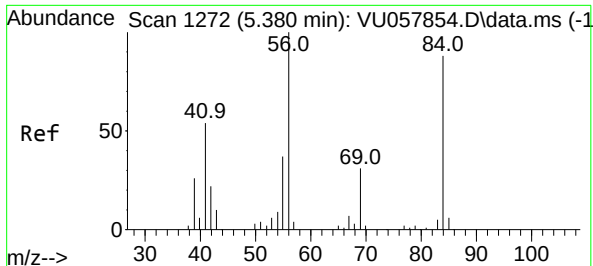
Tgt Ion: 83 Resp: 168436
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 54.062 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 62 Resp: 139471
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1





#29

Cyclohexane

Concen: 41.347 ug/L

RT: 5.377 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

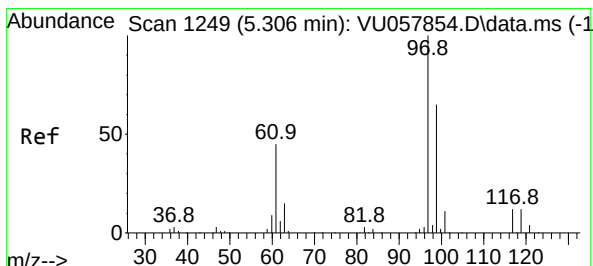
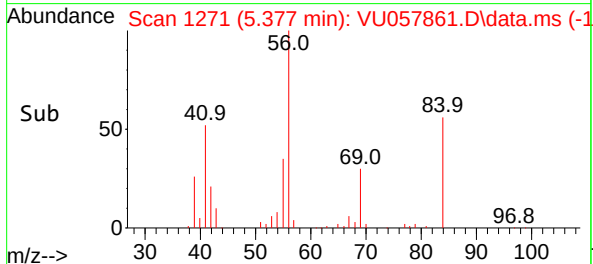
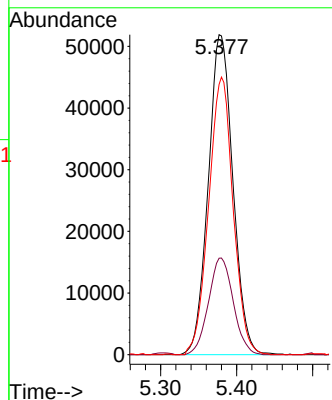
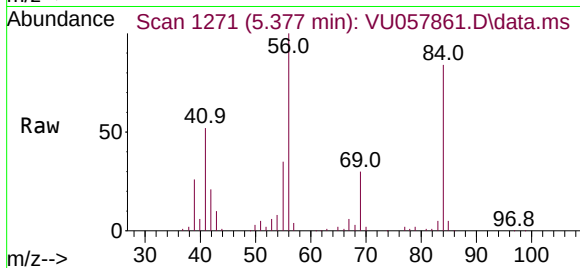
Tgt Ion: 56 Resp: 116973

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 86.0 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 46.470 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

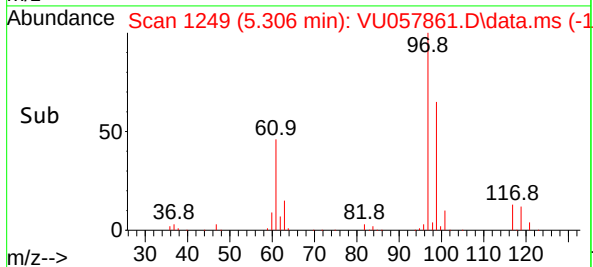
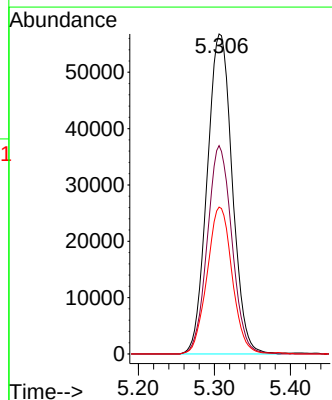
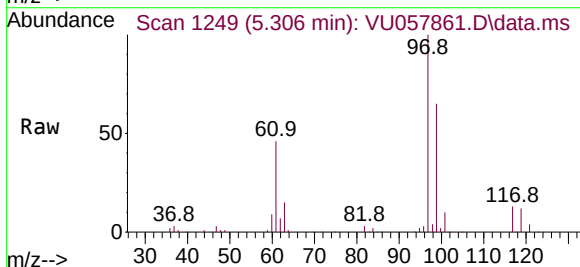
Tgt Ion: 97 Resp: 130312

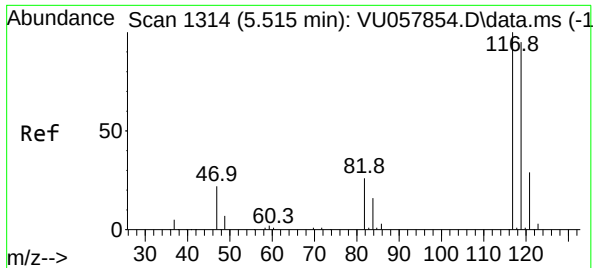
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 45.7 36.7 55.1

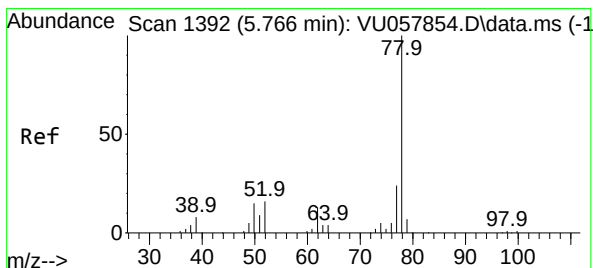
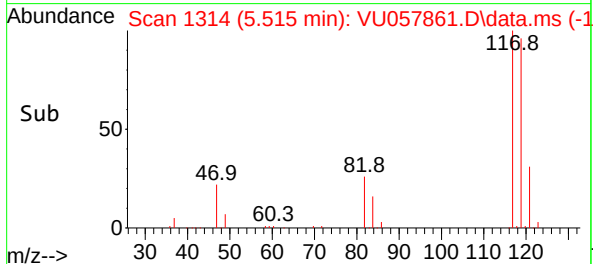
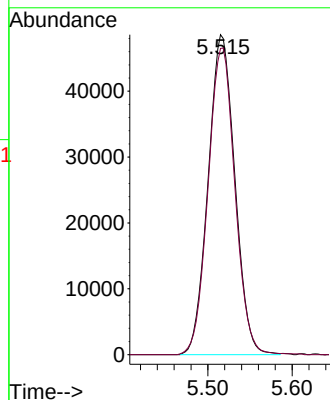
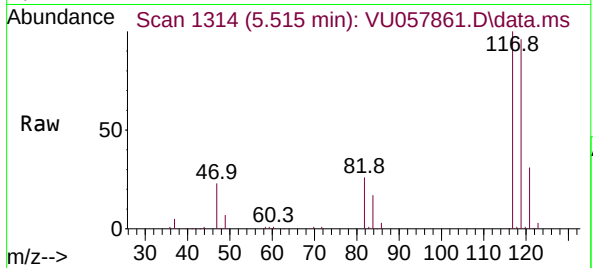




#31
Carbon tetrachloride
Concen: 43.843 ug/L
RT: 5.515 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

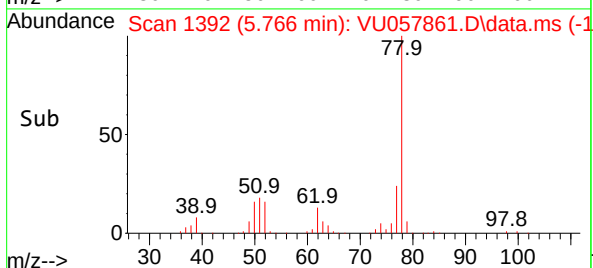
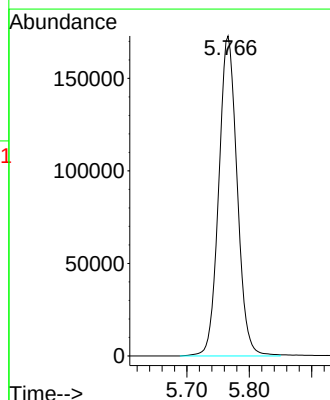
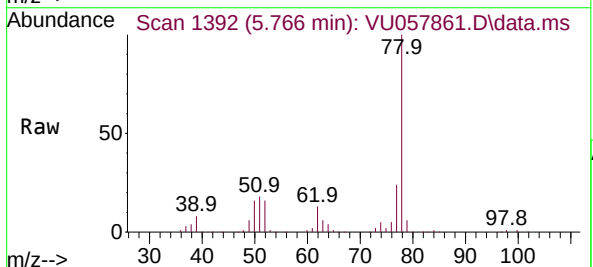
Instrument :
MSVOA_U
ClientSampleId :

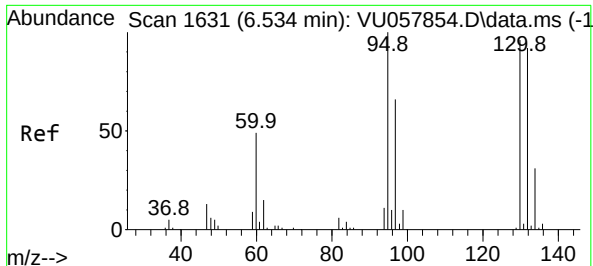
Tgt Ion:117 Resp: 107046
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1



#33
Benzene
Concen: 51.335 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 78 Resp: 353308



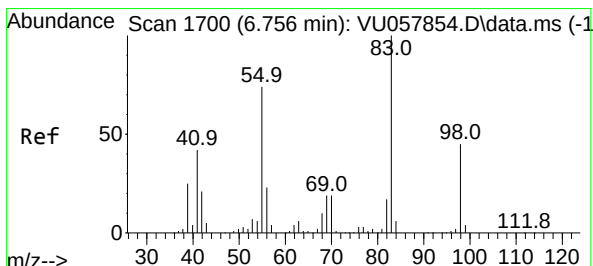
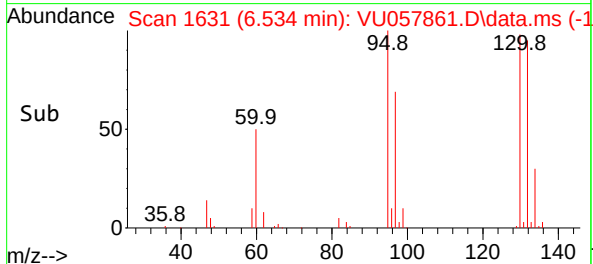
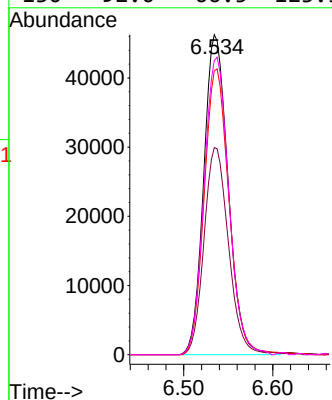
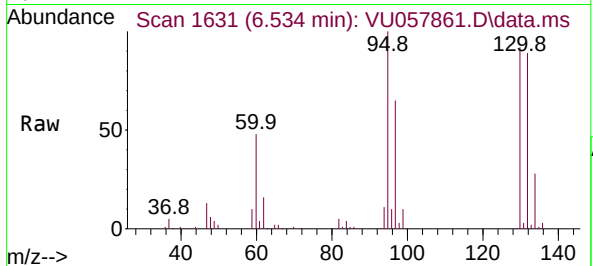


#34
Trichloroethene
Concen: 47.553 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 88003

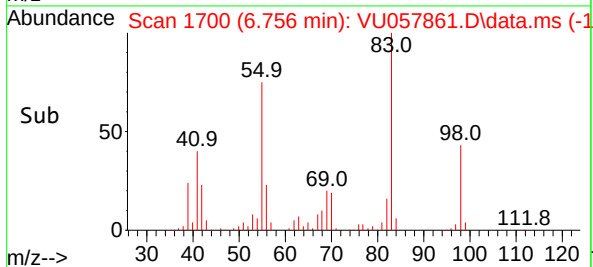
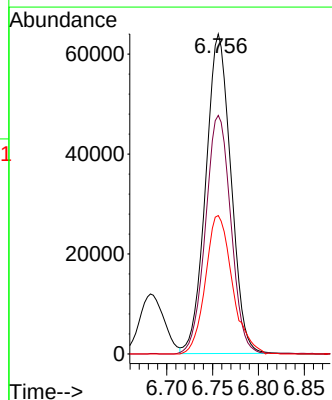
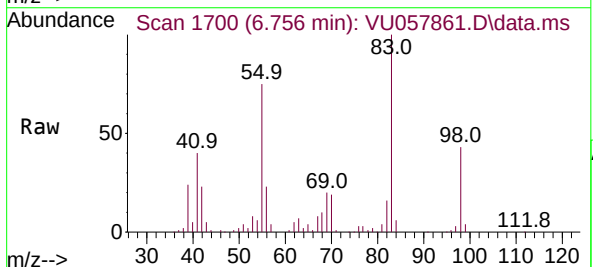
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.9	83.5
132	88.7	63.1	117.1
130	92.0	66.5	123.5

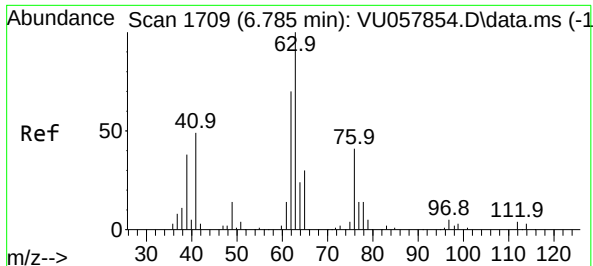


#35
Methylcyclohexane
Concen: 41.344 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 83 Resp: 122405

Ion	Ratio	Lower	Upper
83	100		
55	75.3	59.9	89.9
98	46.1	36.8	55.2

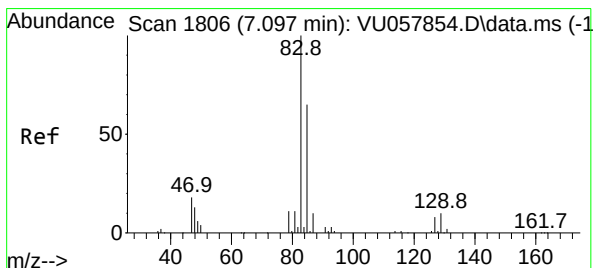
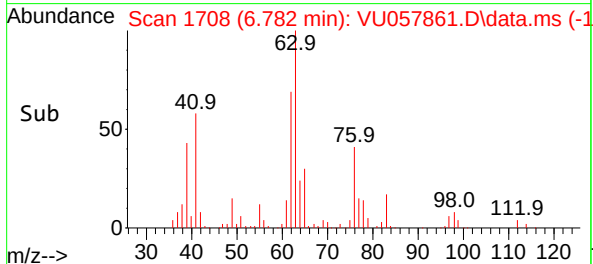
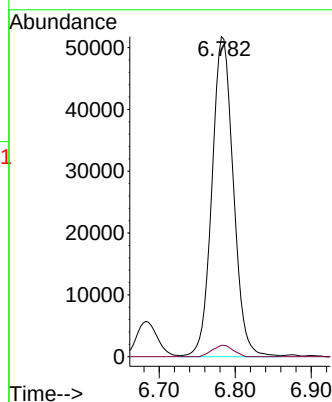
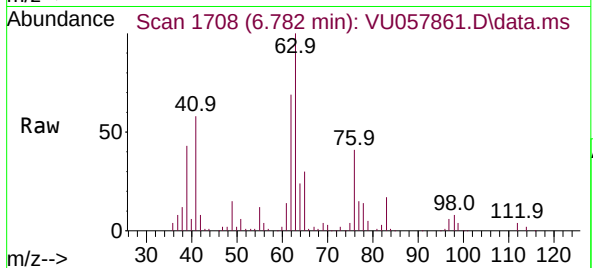




#37
1,2-Dichloropropane
Concen: 53.677 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

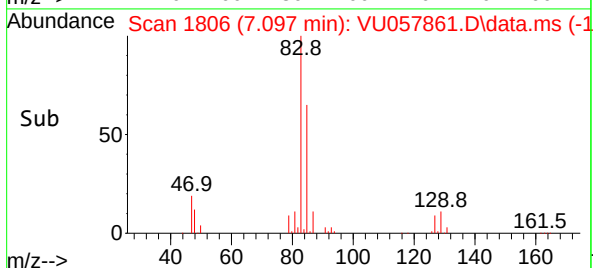
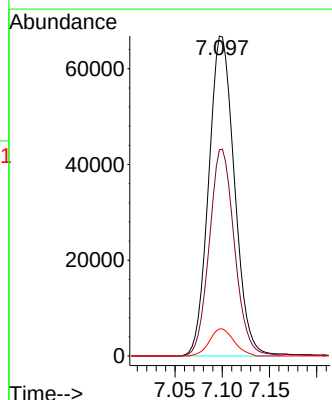
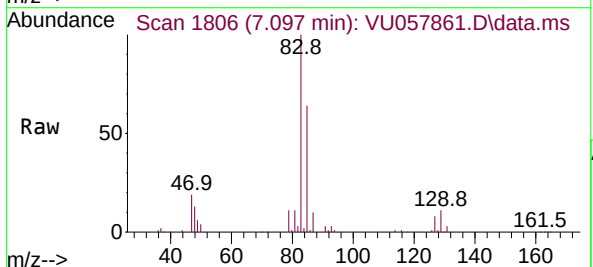
Instrument :
MSVOA_U
ClientSampleId :

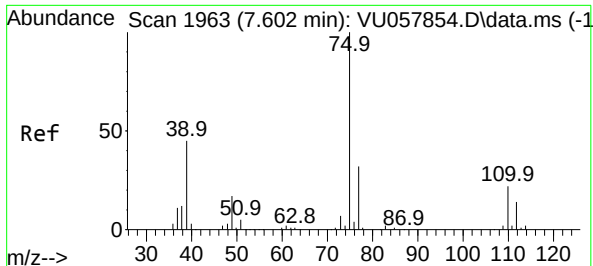
Tgt Ion: 63 Resp: 101283
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6



#38
Bromodichloromethane
Concen: 53.360 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 83 Resp: 126770
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6
127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.360 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

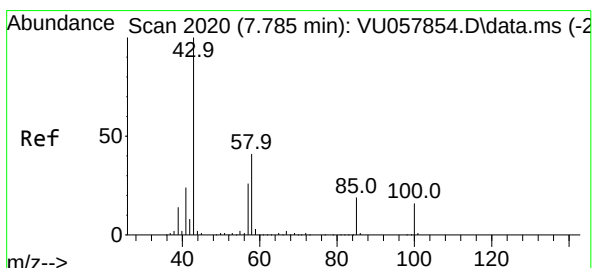
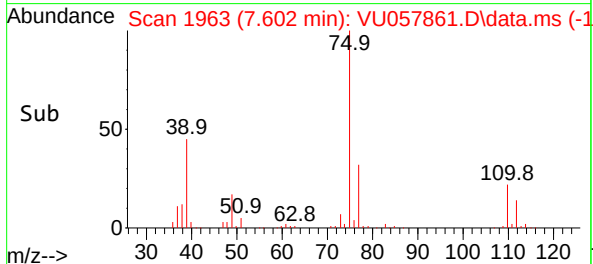
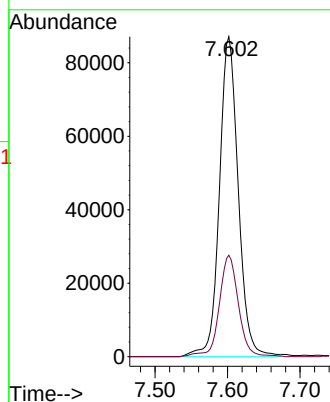
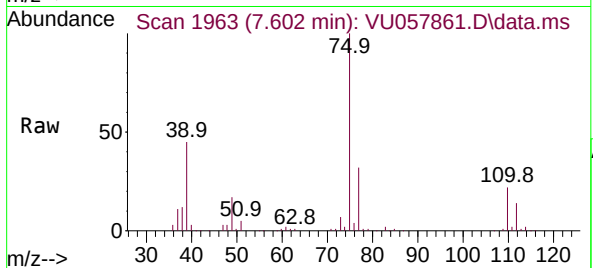
ClientSampleId :

Tgt Ion: 75 Resp: 157081

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 116.100 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

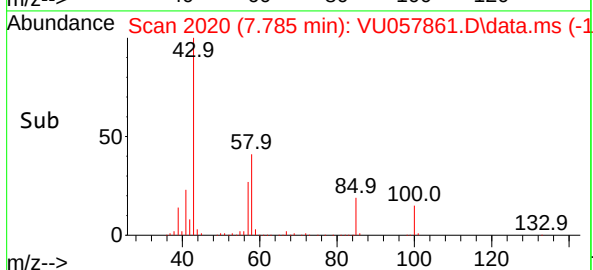
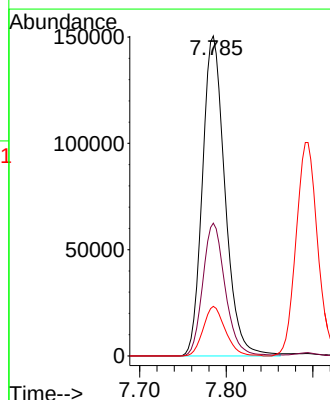
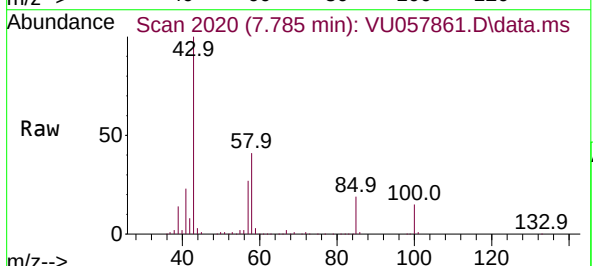
Tgt Ion: 43 Resp: 272697

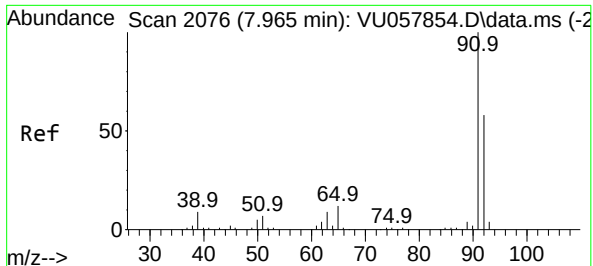
Ion Ratio Lower Upper

43 100

58 41.2 32.5 48.7

100 15.2 12.2 18.4





#42

Toluene

Concen: 50.524 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

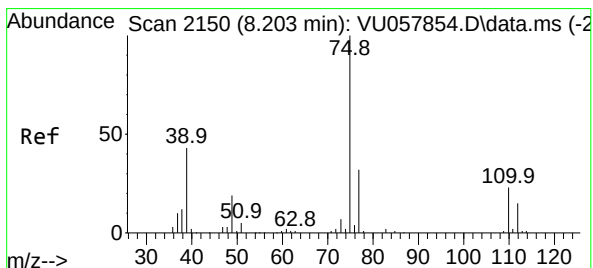
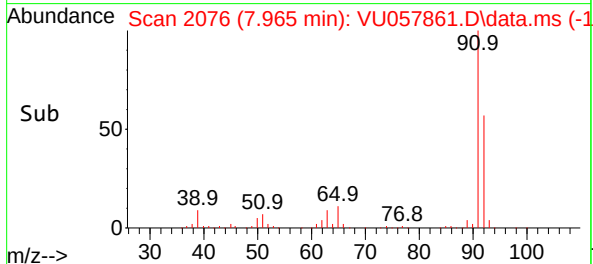
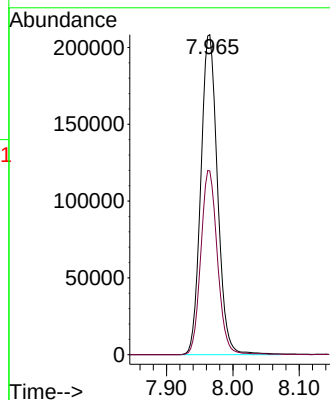
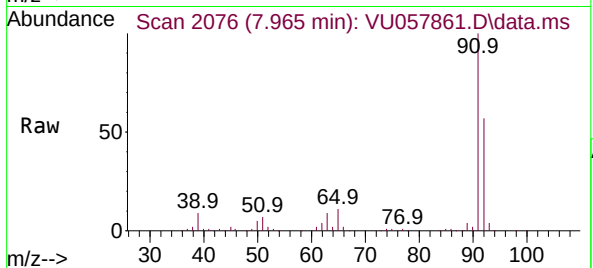
ClientSampleId :

Tgt Ion: 91 Resp: 364186

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 52.622 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU057861.D

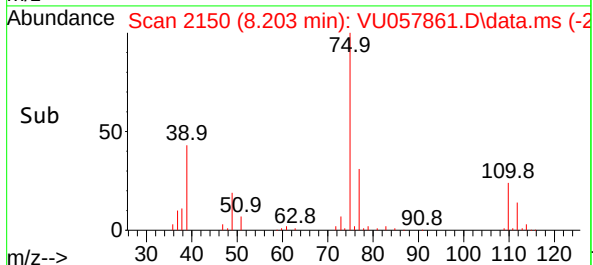
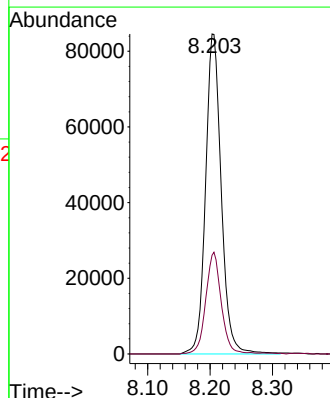
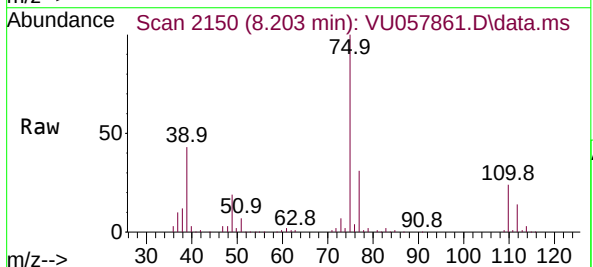
Acq: 08 Feb 2024 13:49

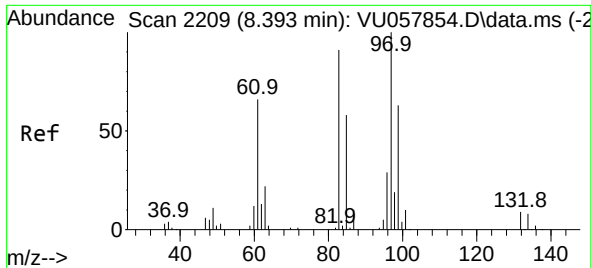
Tgt Ion: 75 Resp: 147755

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6

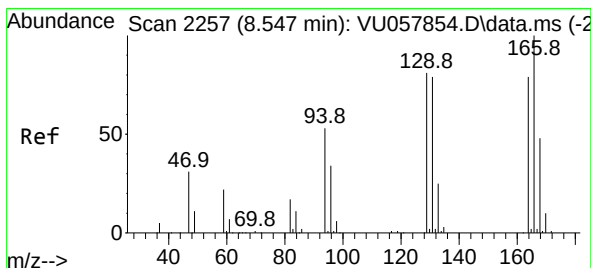
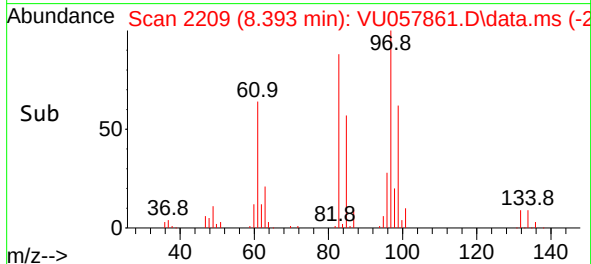
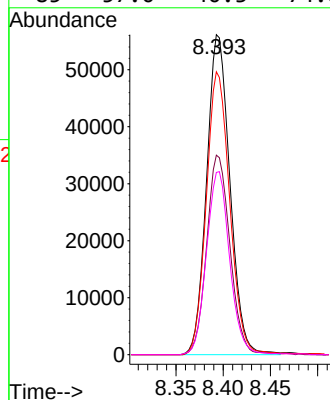
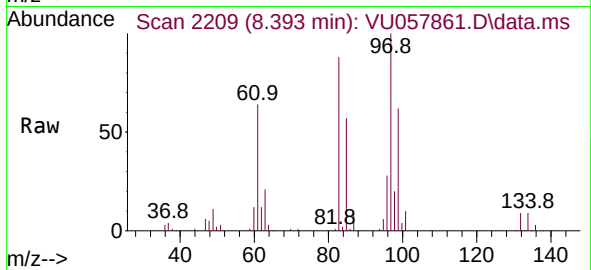




#45
1,1,2-Trichloroethane
Concen: 55.395 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

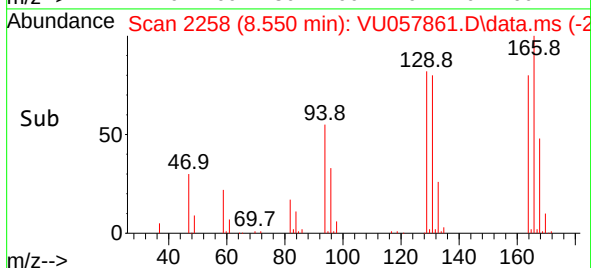
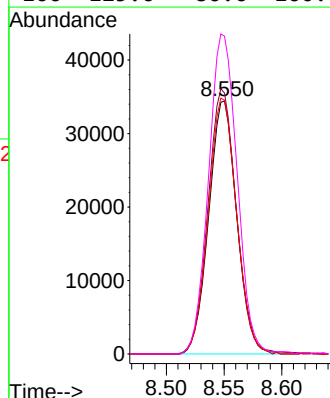
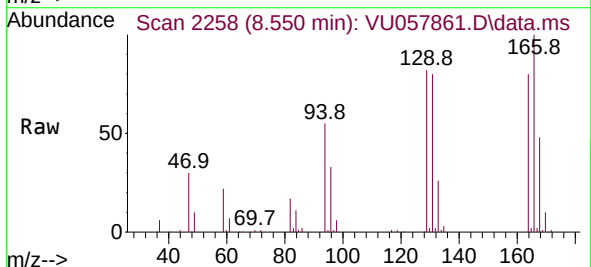
Instrument :
MSVOA_U
ClientSampleId :

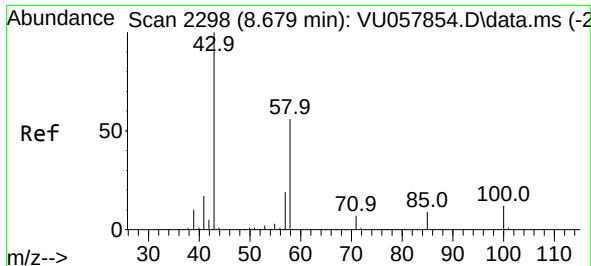
Tgt Ion: 97	Resp: 96516
Ion Ratio	Lower Upper
97 100	
99 62.4	45.1 83.9
83 88.4	63.8 118.6
85 57.0	40.3 74.8



#46
Tetrachloroethene
Concen: 45.394 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 164	Resp: 58268
Ion Ratio	Lower Upper
164 100	
129 103.1	70.8 131.4
131 100.3	66.8 124.0
166 125.6	86.6 160.8

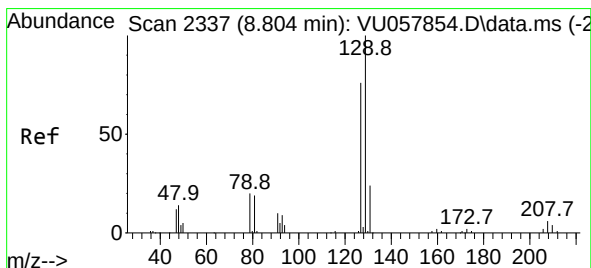
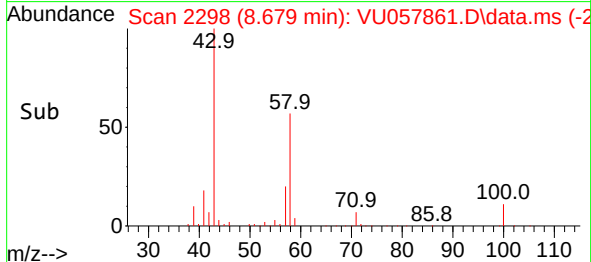
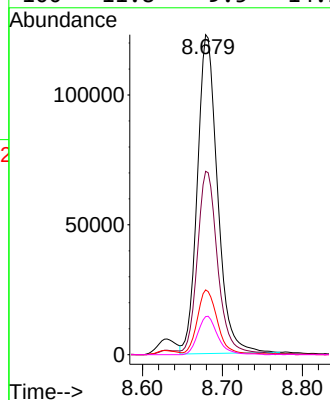
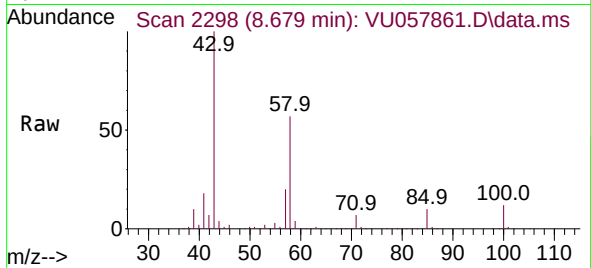




#48
2-Hexanone
Concen: 105.673 ug/L
RT: 8.679 min Scan# 215922
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

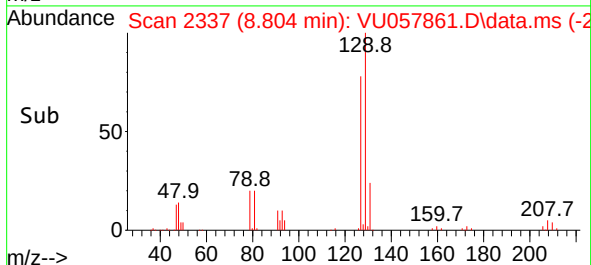
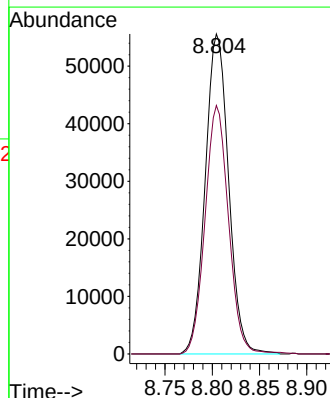
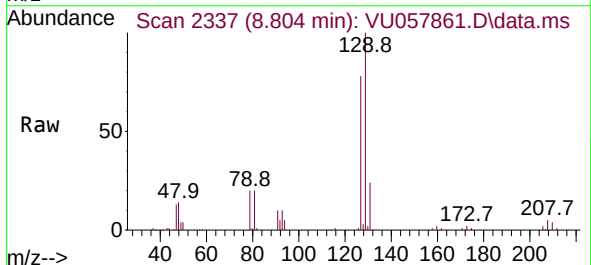
Instrument :
MSVOA_U
ClientSampleId :

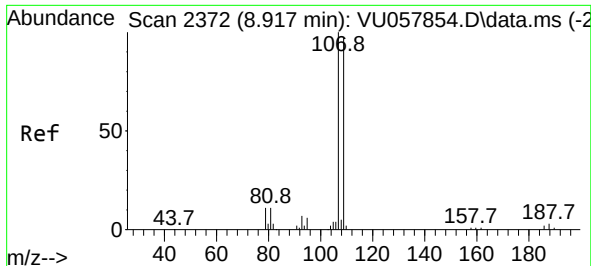
Tgt Ion:	43	Resp:	215922
Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.1	66.1
57	20.4	15.4	23.2
100	11.8	9.5	14.3



#49
Dibromochloromethane
Concen: 54.539 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion:	129	Resp:	95839
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5





#50

1,2-Dibromoethane

Concen: 54.594 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

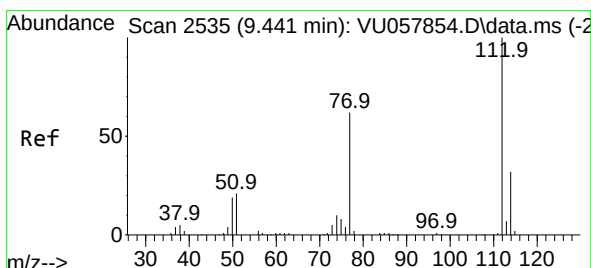
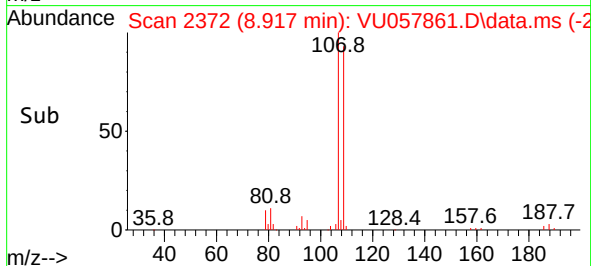
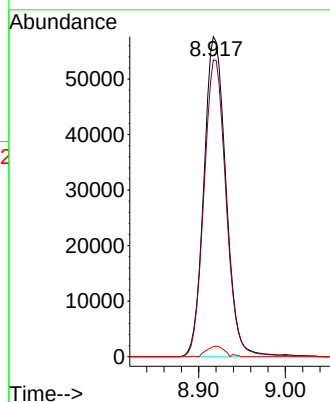
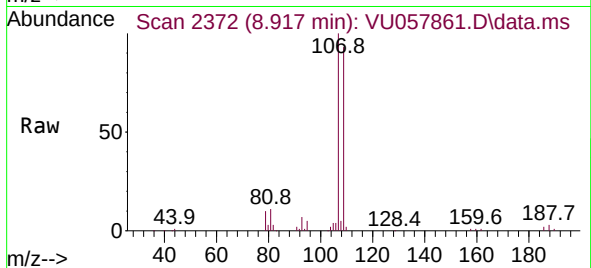
Tgt Ion:107 Resp: 101630

Ion Ratio Lower Upper

107 100

109 92.8 64.4 119.6

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 52.178 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

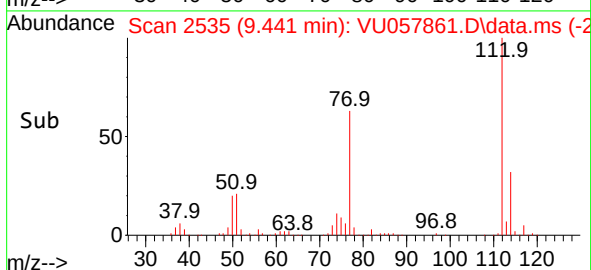
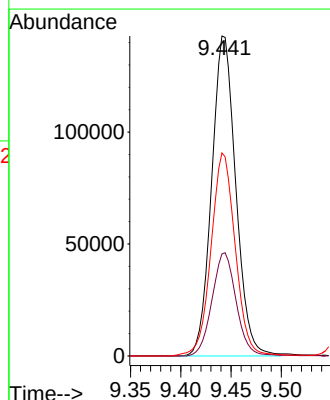
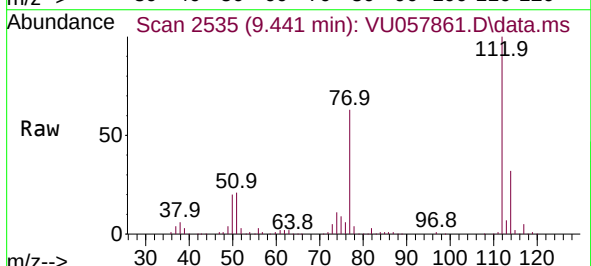
Tgt Ion:112 Resp: 238865

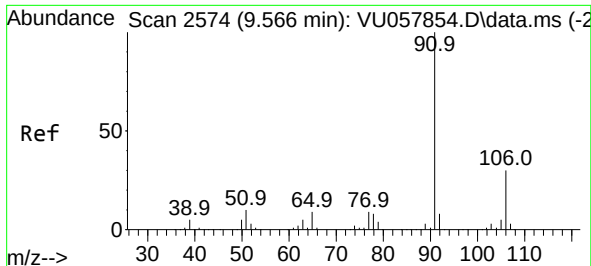
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 63.4 48.2 72.4

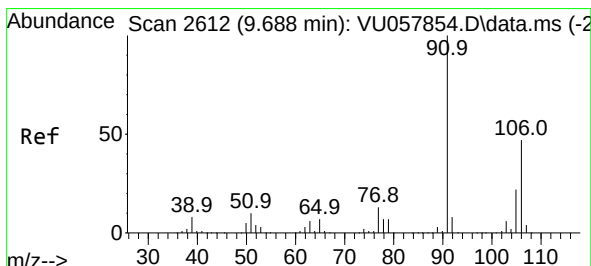
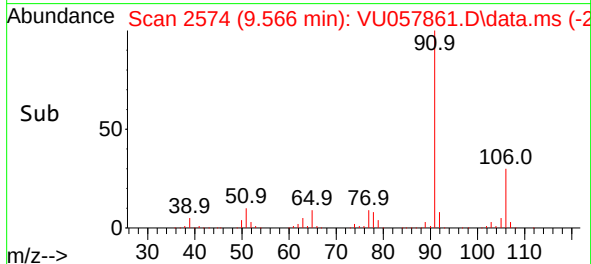
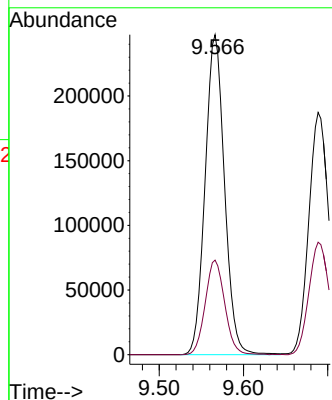
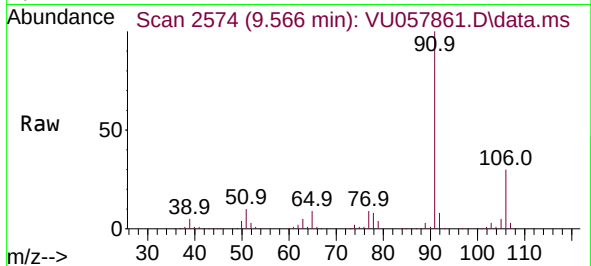




#52
Ethylbenzene
Concen: 48.460 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

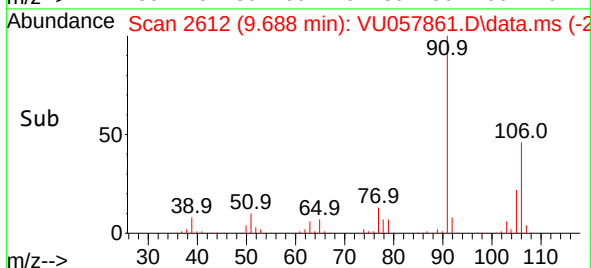
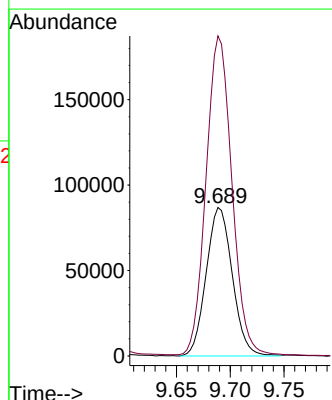
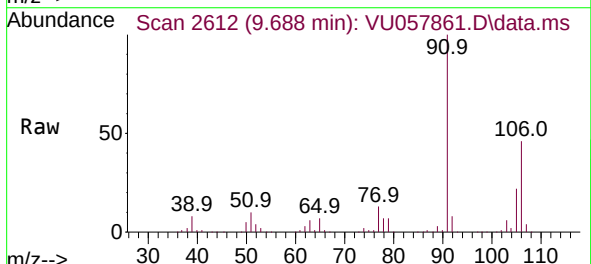
Instrument :
MSVOA_U
ClientSampleId :

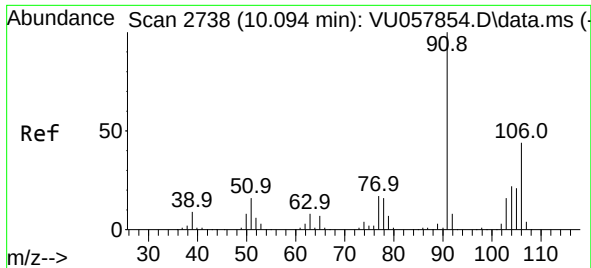
Tgt Ion: 91 Resp: 396237
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.9



#53
m,p-Xylene
Concen: 48.890 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion:106 Resp: 146916
Ion Ratio Lower Upper
106 100
91 215.4 145.3 269.9

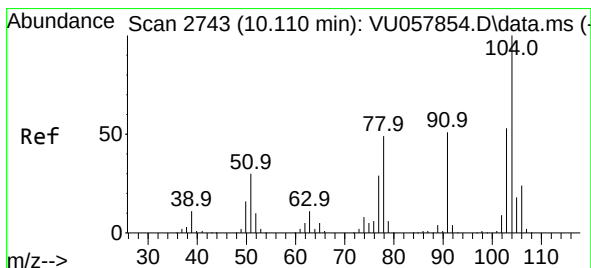
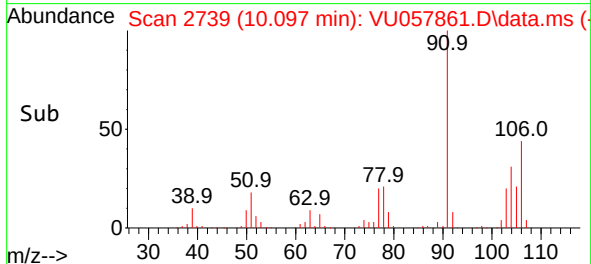
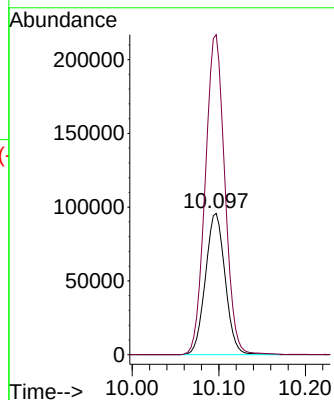
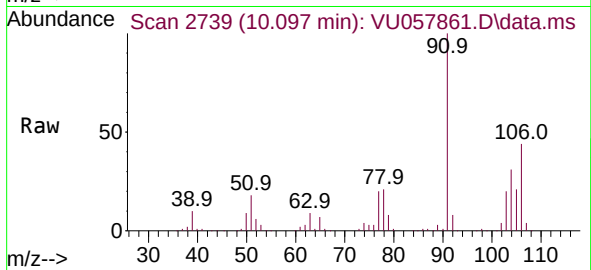




#54
o-Xylene
Concen: 51.838 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

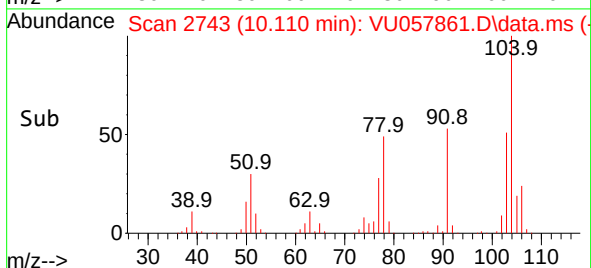
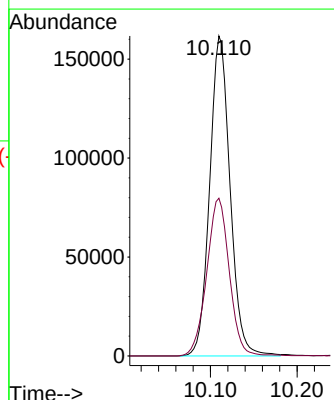
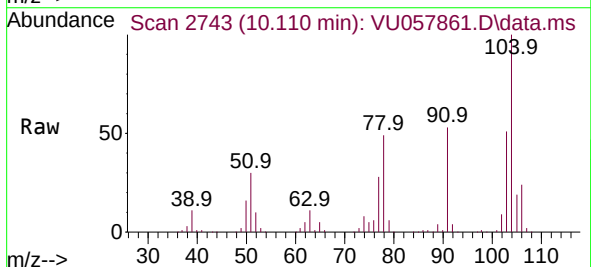
Instrument :
MSVOA_U
ClientSampleId :

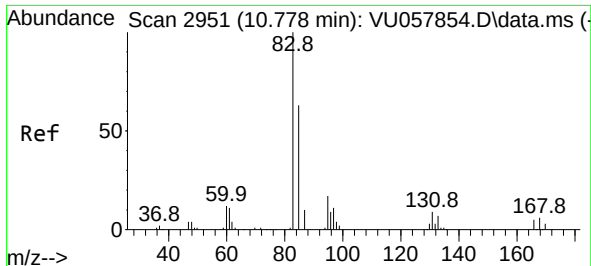
Tgt Ion:106 Resp: 151682
Ion Ratio Lower Upper
106 100
91 226.5 155.3 288.3



#55
Styrene
Concen: 54.286 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion:104 Resp: 265164
Ion Ratio Lower Upper
104 100
78 49.3 34.3 63.7

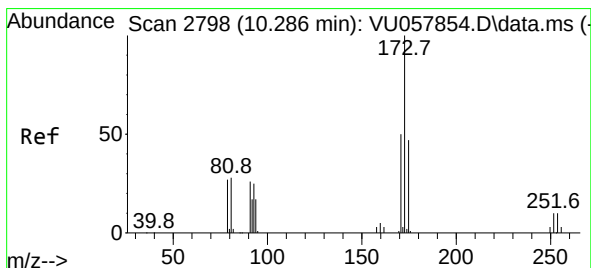
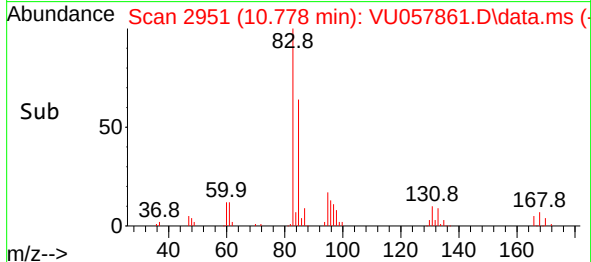
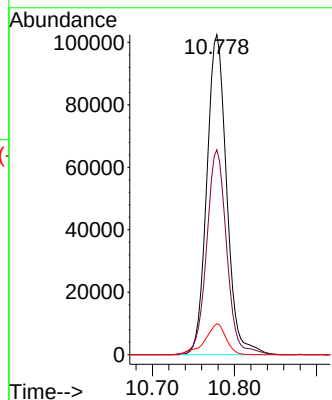
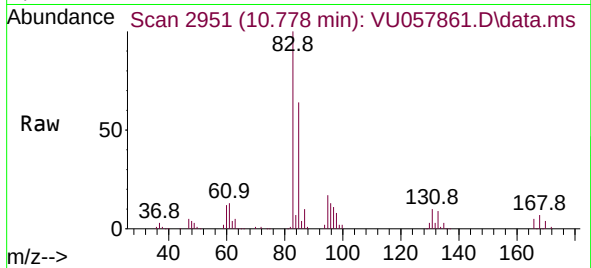




#57
1,1,2,2-Tetrachloroethane
Concen: 61.243 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

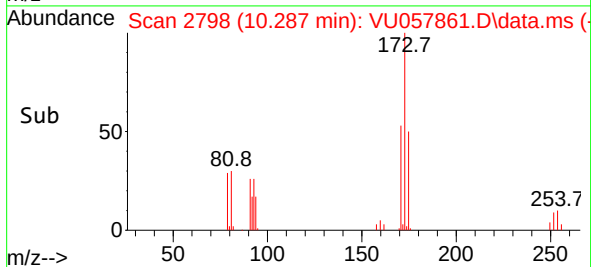
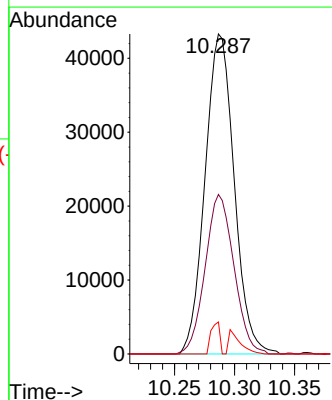
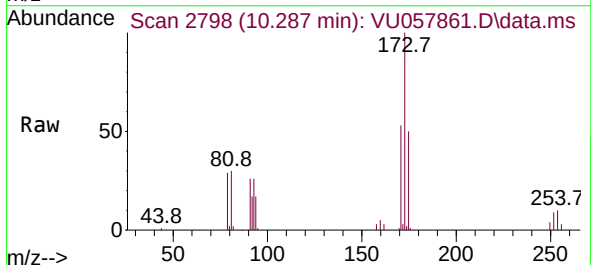
Instrument :
MSVOA_U
ClientSampleId :

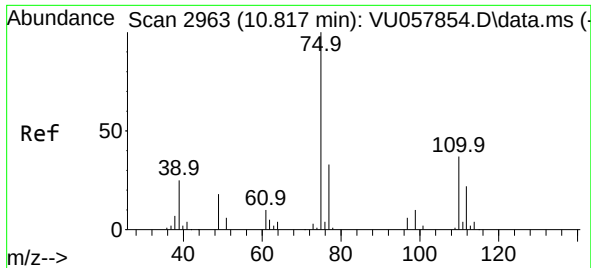
Tgt Ion: 83 Resp: 171963
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 9.7 7.5 11.3



#59
Bromoform
Concen: 55.025 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion:173 Resp: 73206
Ion Ratio Lower Upper
173 100
175 49.1 37.7 56.5
254 3.0 6.2 9.2#

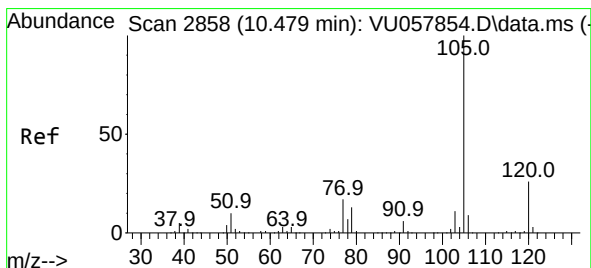
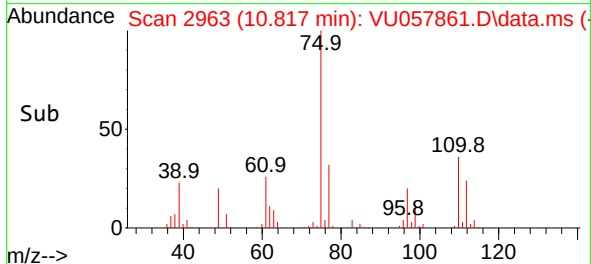
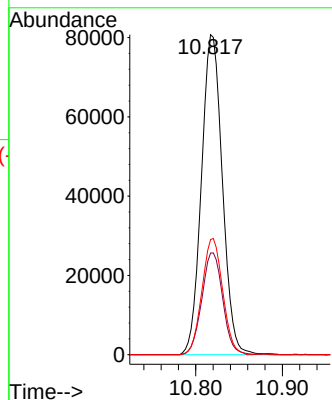
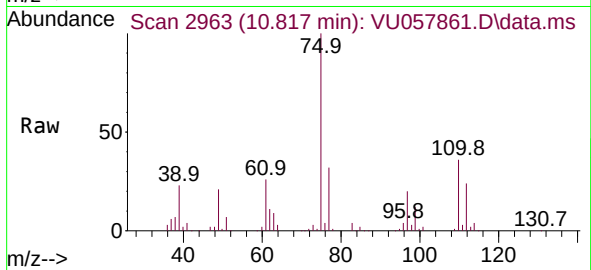




#60
1,2,3-Trichloropropane
Concen: 56.574 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

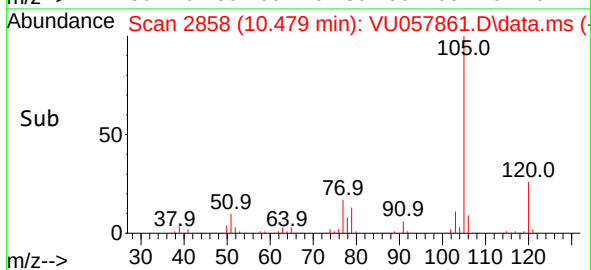
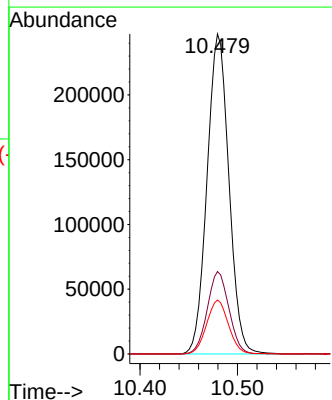
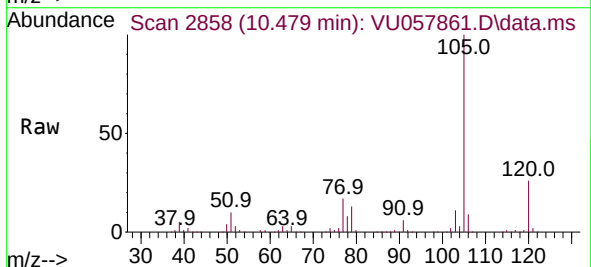
Instrument :
MSVOA_U
ClientSampleId :

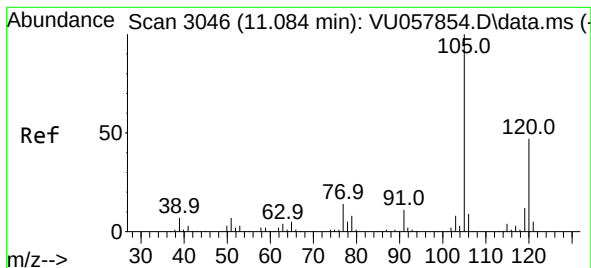
Tgt Ion: 75 Resp: 135633
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
110 35.9 29.1 43.7



#61
Isopropylbenzene
Concen: 45.926 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion: 105 Resp: 384247
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 16.8 13.2 19.8





#62

1,3,5-Trimethylbenzene

Concen: 48.712 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

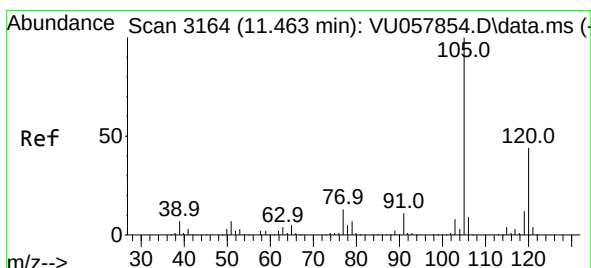
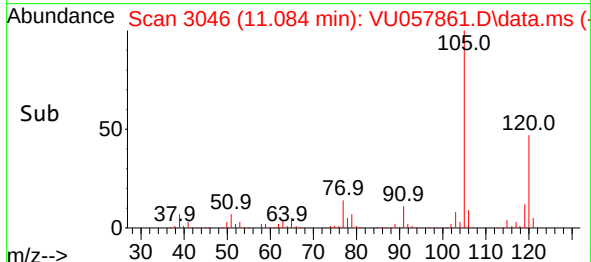
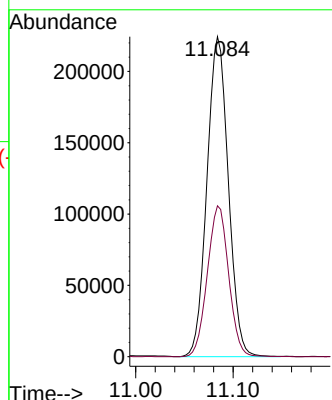
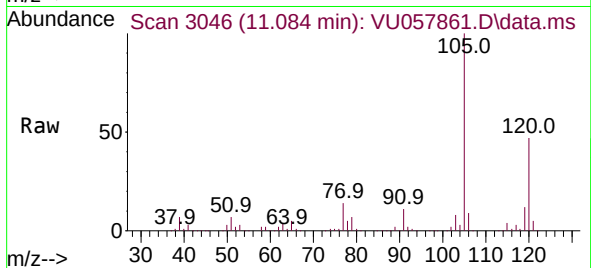
ClientSampleId :

Tgt Ion:105 Resp: 342012

Ion Ratio Lower Upper

105 100

120 47.0 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 50.020 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057861.D

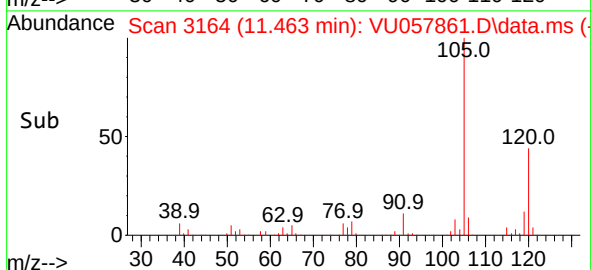
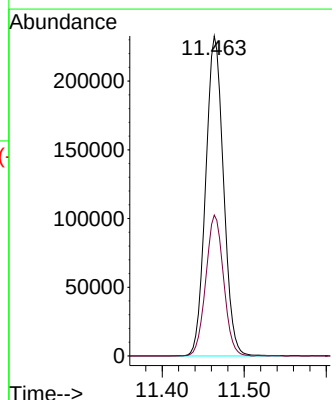
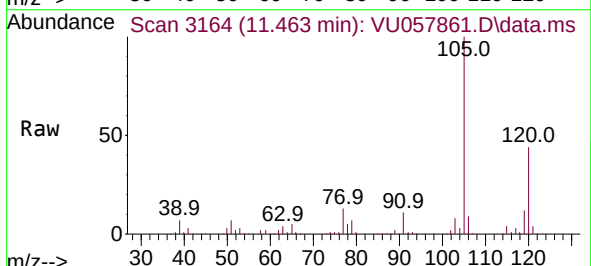
Acq: 08 Feb 2024 13:49

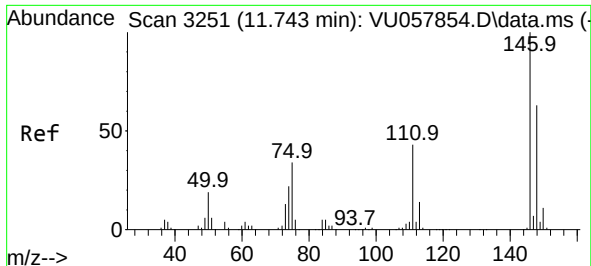
Tgt Ion:105 Resp: 351501

Ion Ratio Lower Upper

105 100

120 43.9 35.4 53.0

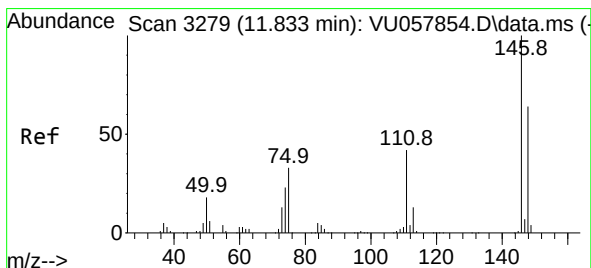
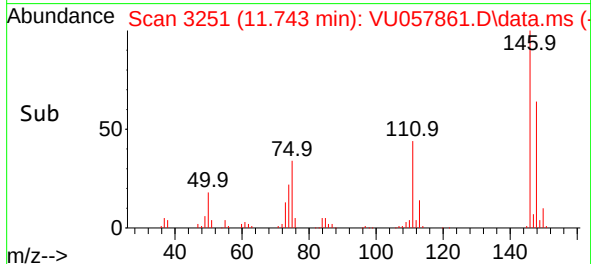
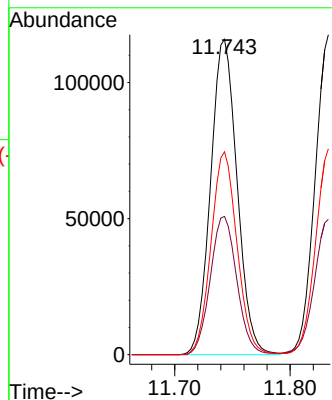
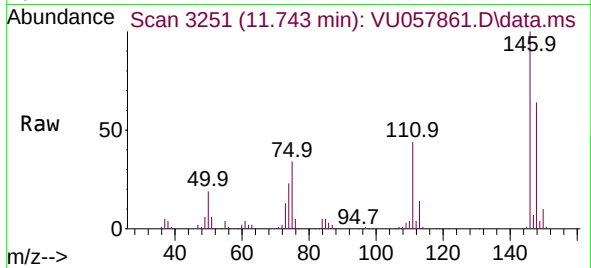




#64
1,3-Dichlorobenzene
Concen: 51.020 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

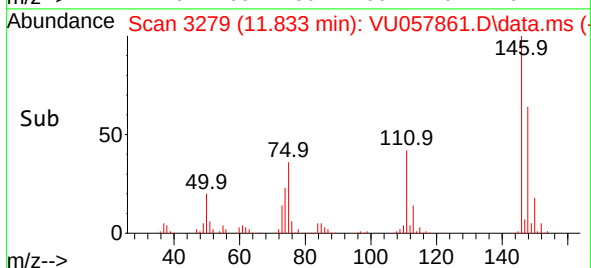
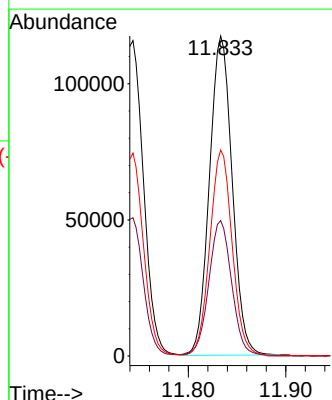
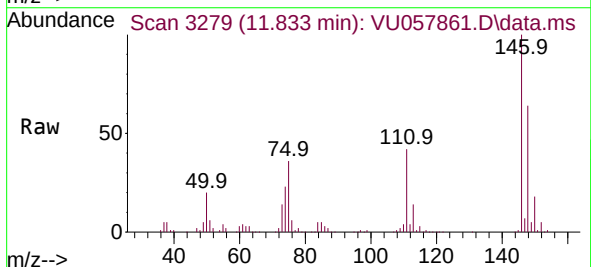
Instrument :
MSVOA_U
ClientSampleId :

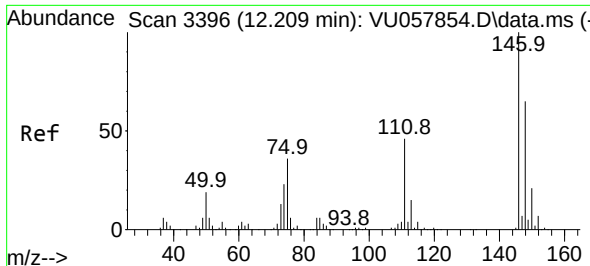
Tgt Ion:146 Resp: 184956
Ion Ratio Lower Upper
146 100
111 43.8 31.1 57.7
148 68.6 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 51.146 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU057861.D
Acq: 08 Feb 2024 13:49

Tgt Ion:146 Resp: 190179
Ion Ratio Lower Upper
146 100
111 42.3 30.5 56.7
148 64.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 52.486 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

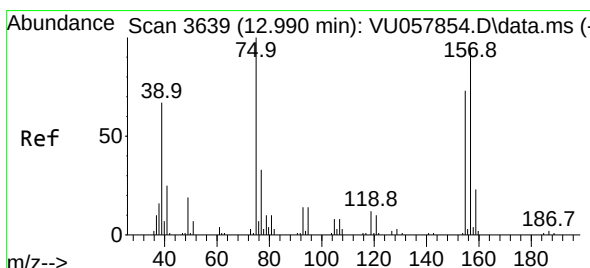
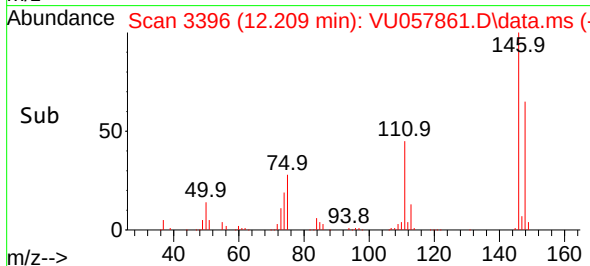
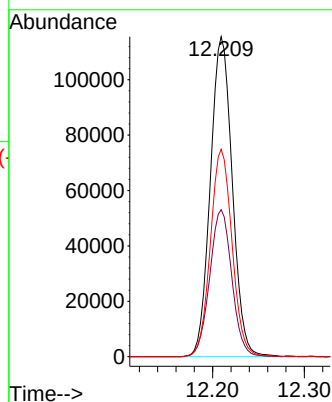
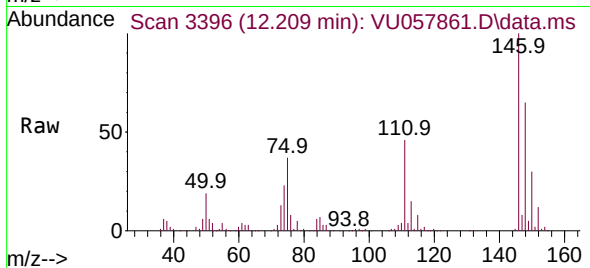
Tgt Ion:146 Resp: 191811

Ion Ratio Lower Upper

146 100

111 45.9 37.8 56.8

148 64.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 55.614 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

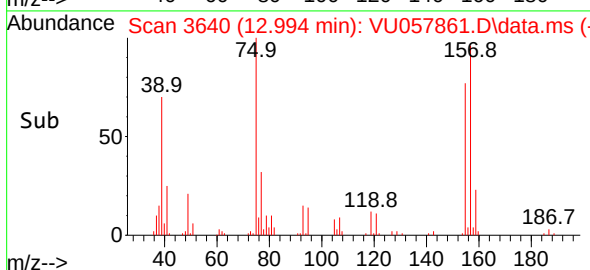
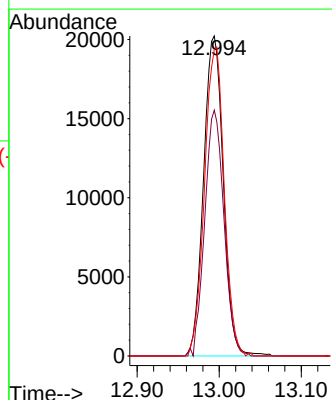
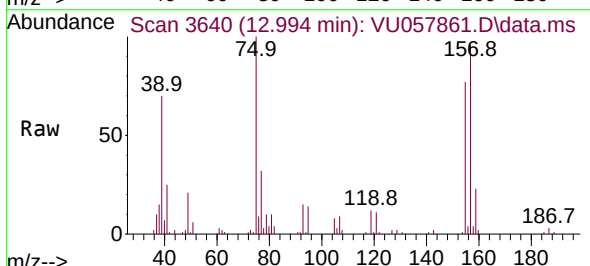
Tgt Ion: 75 Resp: 33818

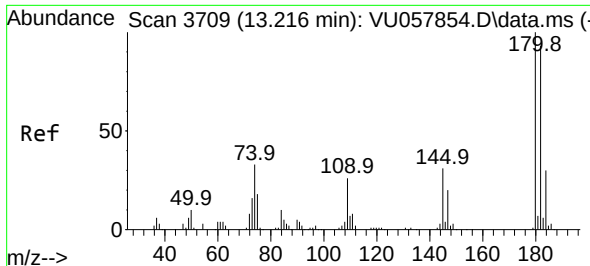
Ion Ratio Lower Upper

75 100

155 80.7 55.9 83.9

157 99.3 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 49.406 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

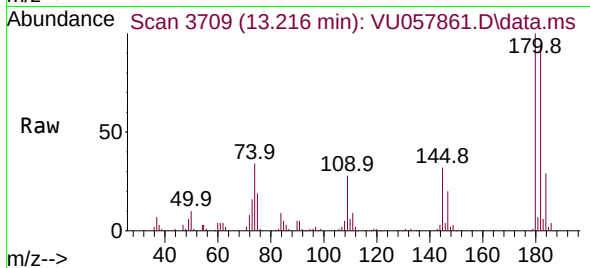
Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 126146

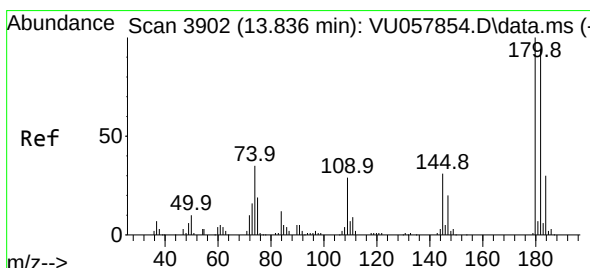
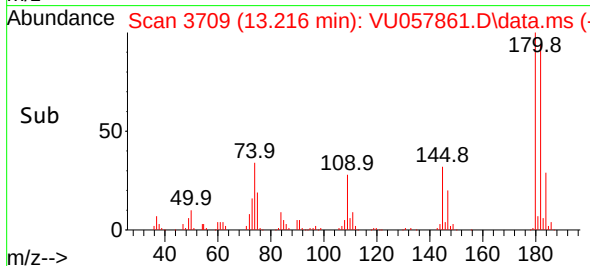
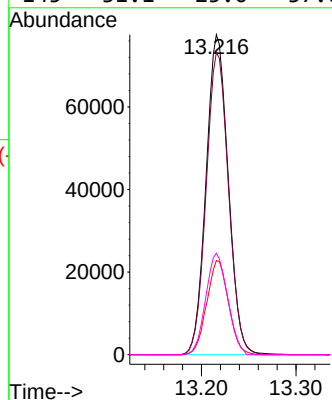
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

184 29.0 24.3 36.5

145 31.1 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 48.850 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

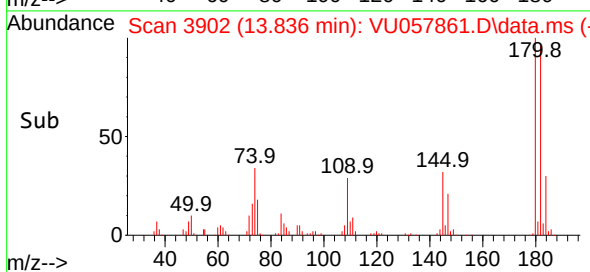
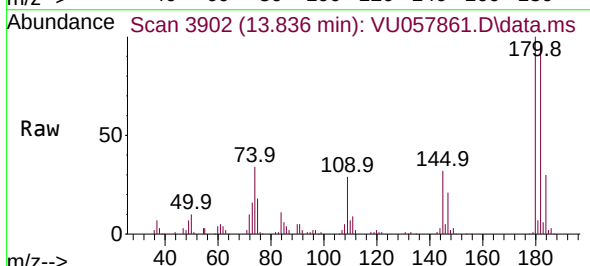
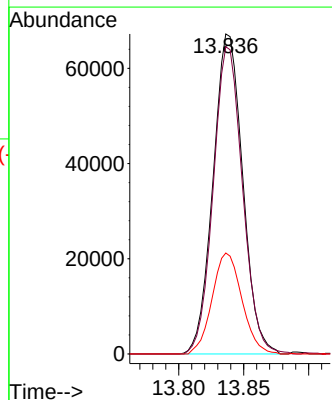
Tgt Ion:180 Resp: 106546

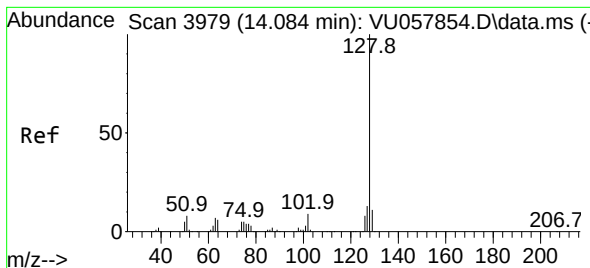
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 31.7 25.5 38.3





#71

Naphthalene

Concen: 51.898 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

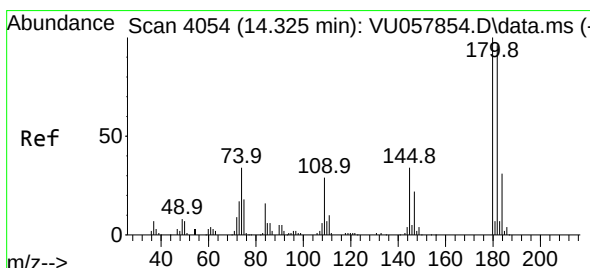
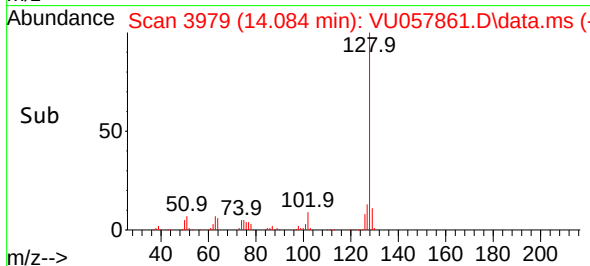
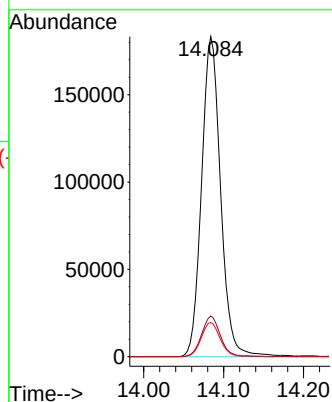
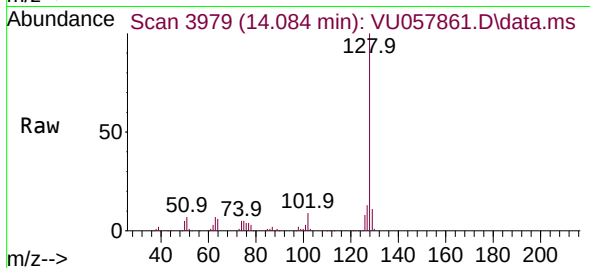
Tgt Ion:128 Resp: 303441

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.190 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057861.D

Acq: 08 Feb 2024 13:49

Tgt Ion:180 Resp: 100389

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 33.4 27.7 41.5

