

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058369.D
 Acq On : 03 Apr 2024 17:16
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21160	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.907	69	21992	3.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	9543	3.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.624	46	67312	55.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.700%
24) Chloroform-d	5.055	84	54921	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	26935	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.717	84	105543	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	34323	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	89178	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	10555	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	50476	53.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24192	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31008	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10674	3.228	ug/L	99
3) Chloromethane	1.515	50	13575	3.221	ug/L	98
5) Vinyl chloride	1.599	62	16571	3.600	ug/L	97
6) Bromomethane	1.853	94	6200	2.512	ug/L	95
8) Chloroethane	1.930	64	12524	4.126	ug/L	98
9) Trichlorofluoromethane	2.132	101	29423	3.934	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20027	4.172	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15651	3.889	ug/L	97
13) Acetone	2.640	43	36284	46.516	ug/L	97
14) Carbon disulfide	2.788	76	27590	3.068	ug/L	98
15) Methyl Acetate	2.952	43	7844	4.844	ug/L	96
16) Methylene chloride	3.036	84	23213	4.070	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	49058	4.542	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16805	3.995	ug/L	99
19) 1,1-Dichloroethane	3.859	63	43128	4.564	ug/L	99
21) 2-Butanone	4.701	43	55995	47.251	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	23121	4.449	ug/L	96
23) Bromochloromethane	4.965	128	9111	4.698	ug/L	94
25) Chloroform	5.078	83	46323	4.674	ug/L	97

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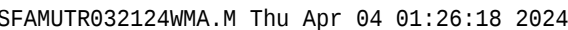
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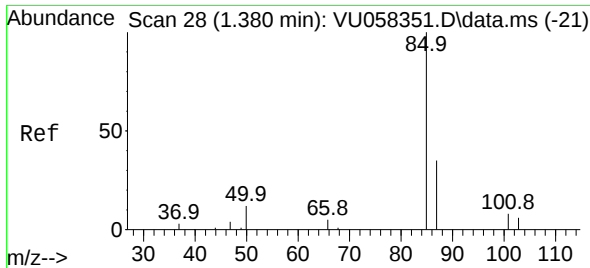
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	25351	4.505	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	34901	4.403	ug/L	98
30) Cyclohexane	5.380	56	25920	3.744	ug/L	95
31) Carbon tetrachloride	5.518	117	28453	4.217	ug/L	98
33) Benzene	5.766	78	87004	4.321	ug/L	100
34) Trichloroethene	6.534	95	39355	7.502	ug/L	97
35) Methylcyclohexane	6.756	83	26755	3.657	ug/L	99
37) 1,2-Dichloropropane	6.782	63	26098	4.640	ug/L	100
38) Bromodichloromethane	7.097	83	31146	4.831	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	33011	4.627	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	135008	47.467	ug/L	99
42) Toluene	7.962	91	90436	4.251	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	25938	4.620	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	16342	4.612	ug/L	98
47) Tetrachloroethene	8.547	164	14850	4.226	ug/L	98
48) 2-Hexanone	8.675	43	97371	47.009	ug/L	96
49) Dibromochloromethane	8.801	129	18463	4.762	ug/L	100
50) 1,2-Dibromoethane	8.917	107	14188	4.652	ug/L	93
51) Chlorobenzene	9.441	112	59736	4.358	ug/L	99
52) Ethylbenzene	9.563	91	101908	4.290	ug/L	98
53) m,p-Xylene	9.688	106	36810	4.349	ug/L	96
54) o-Xylene	10.093	106	37910	4.437	ug/L	97
55) Styrene	10.110	104	61517	4.560	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	21201	5.077	ug/L	99
59) Bromoform	10.283	173	9140	4.553	ug/L #	96
60) Isopropylbenzene	10.476	105	97821	4.260	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	14186	4.432	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	80593	4.182	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	80948	4.229	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	47994	4.488	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	44728	4.327	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	44585	4.508	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.990	75	2509	5.198	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	33583	4.491	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	24949	4.473	ug/L	97
71) Naphthalene	14.084	128	31095	4.094	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21251	4.653	ug/L	99

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

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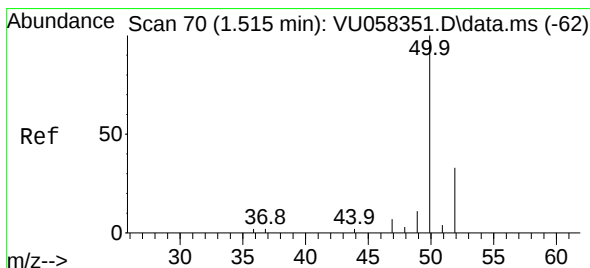
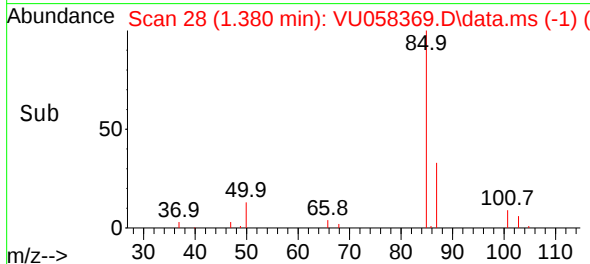
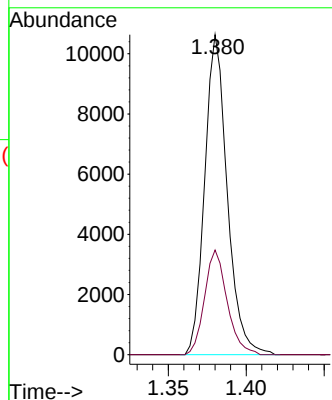
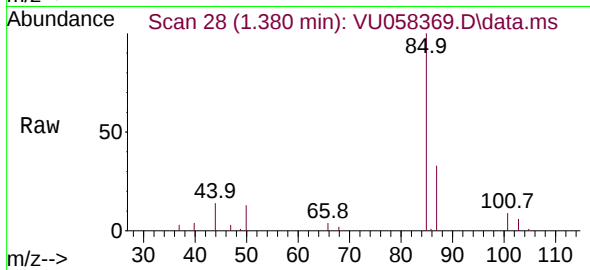




#2
 Dichlorodifluoromethane
 Concen: 3.228 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

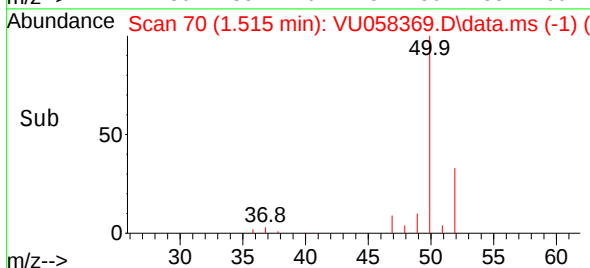
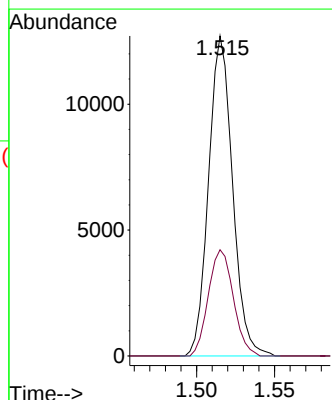
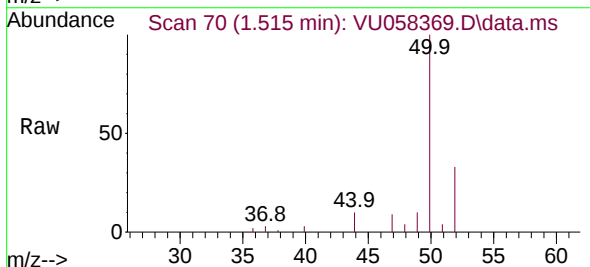
Instrument :
 MSVOA_U
 ClientSampleId :

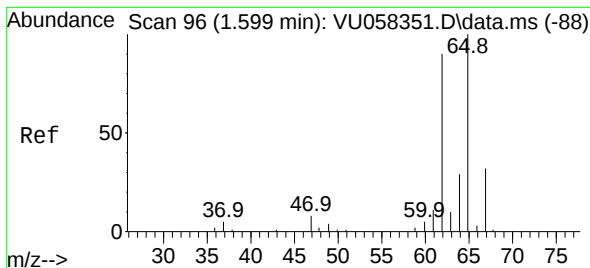
Tgt Ion: 85 Resp: 10674
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 3.221 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

Tgt Ion: 50 Resp: 13575
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.2 45.0





#5

Vinyl chloride

Concen: 3.600 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

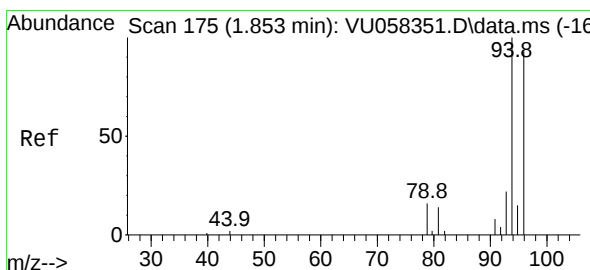
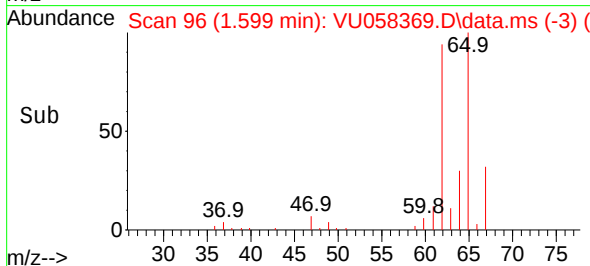
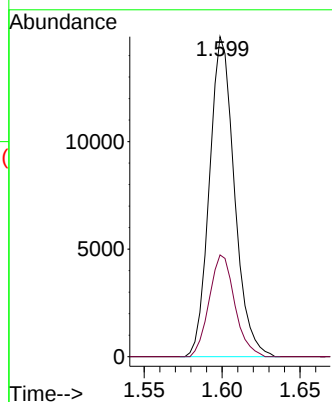
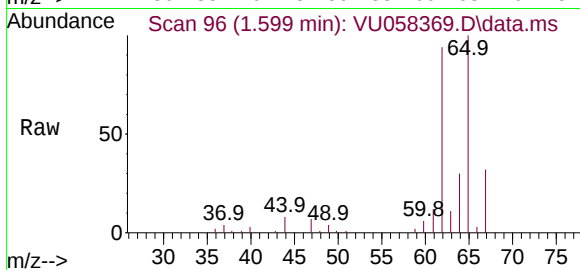
ClientSampleId :

Tgt Ion: 62 Resp: 16571

Ion Ratio Lower Upper

62 100

64 31.8 23.4 43.6



#6

Bromomethane

Concen: 2.512 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058369.D

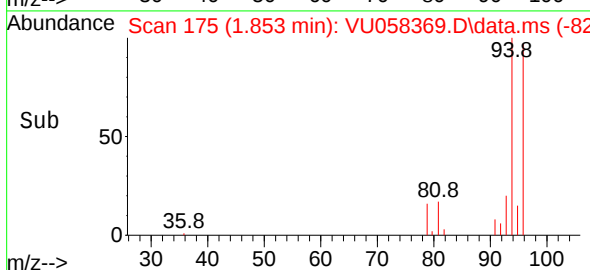
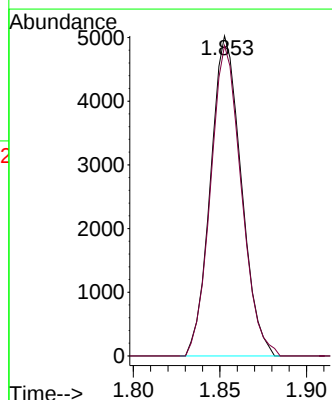
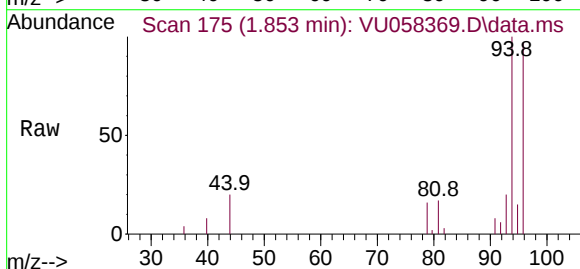
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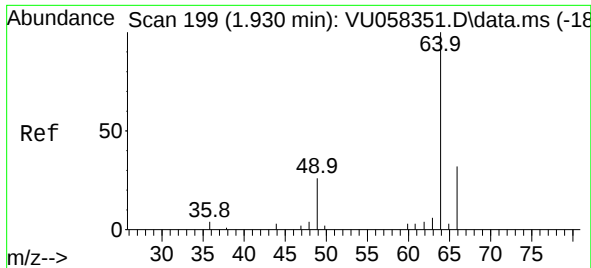
Tgt Ion: 94 Resp: 6200

Ion Ratio Lower Upper

94 100

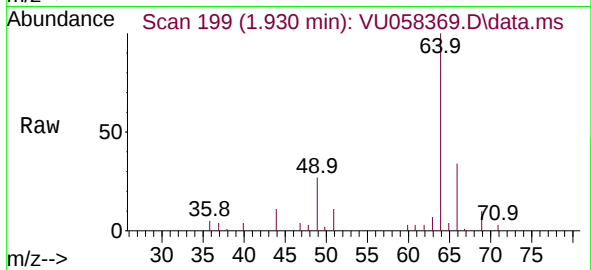
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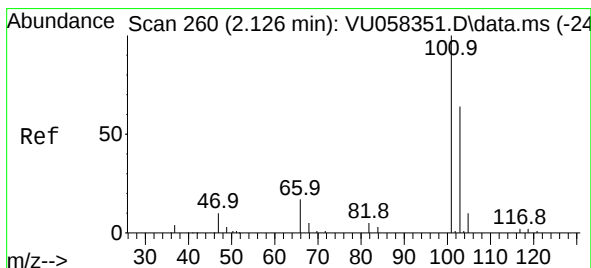
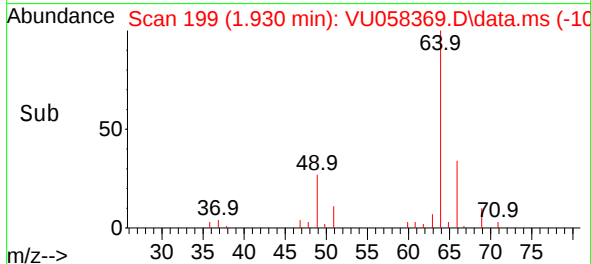
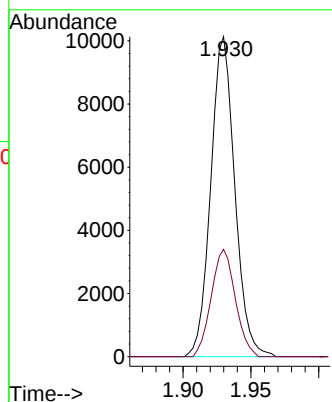


#8
Chloroethane
Concen: 4.126 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Instrument :
MSVOA_U
ClientSampleId :

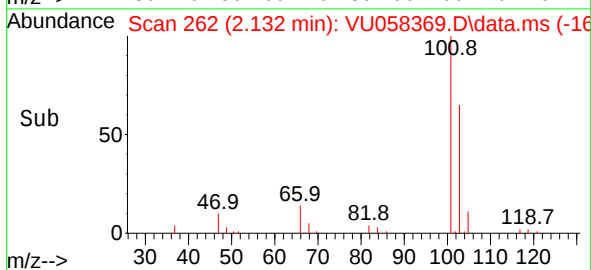
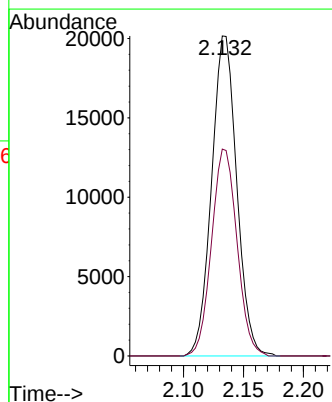
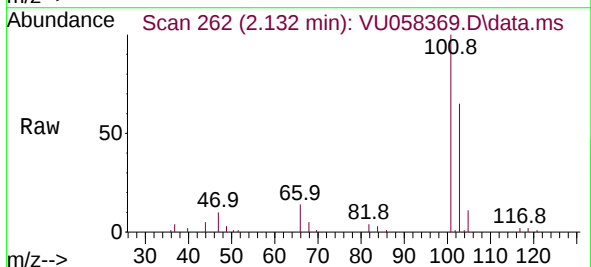


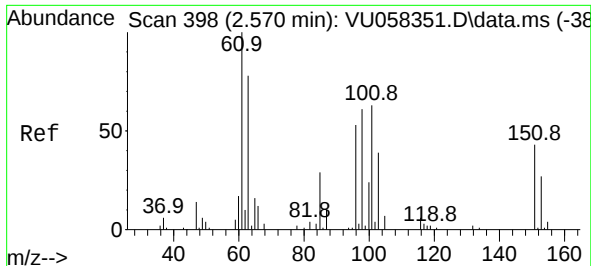
Tgt Ion: 64 Resp: 12524
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.934 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.006 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion:101 Resp: 29423
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.172 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU058369.D

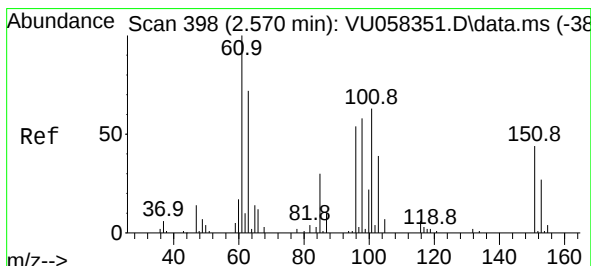
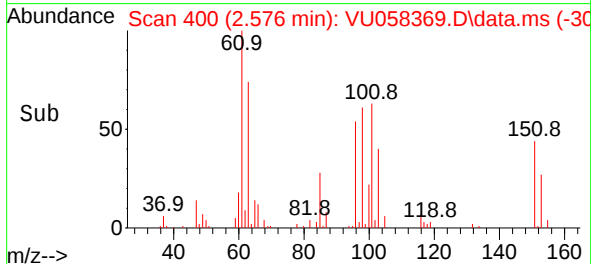
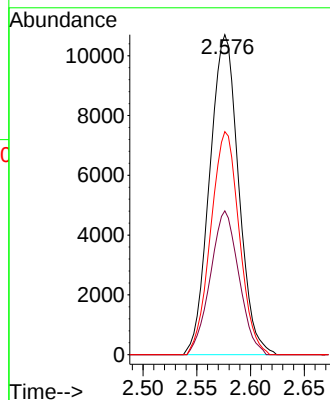
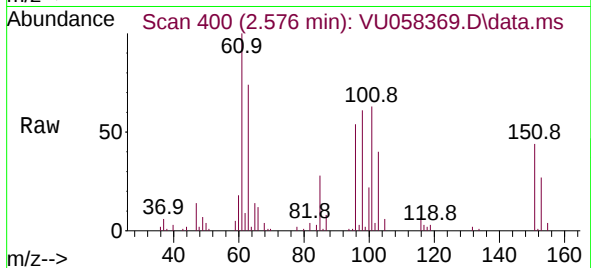
Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	20027
Ion Ratio	Lower	Upper	
101	100		
85	44.4	37.9	56.9
151	68.8	55.3	82.9



#12

1,1-Dichloroethene

Concen: 3.889 ug/L

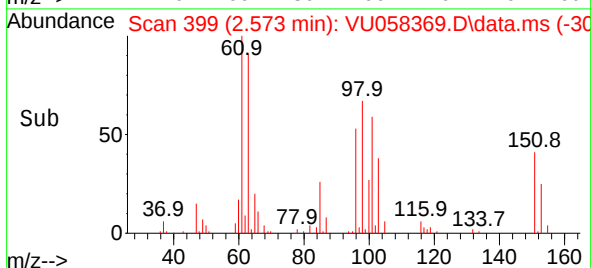
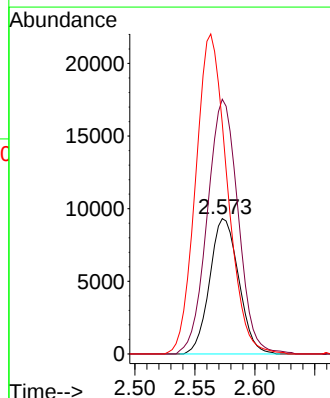
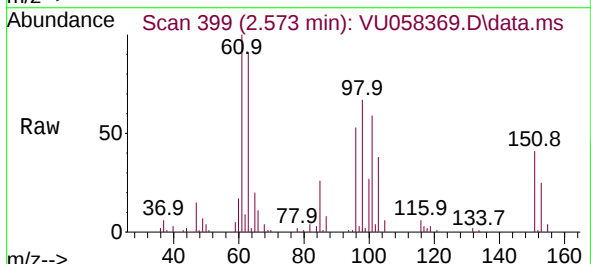
RT: 2.573 min Scan# 399

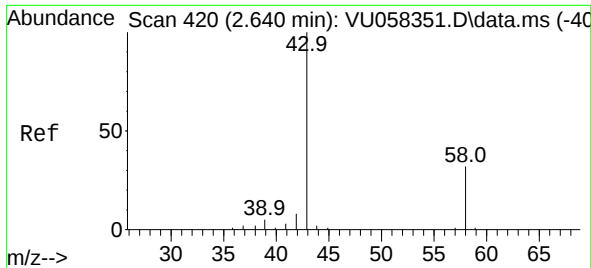
Delta R.T. 0.003 min

Lab File: VU058369.D

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Tgt Ion:	96	Resp:	15651
Ion Ratio	Lower	Upper	
96	100		
61	188.2	128.1	237.9
63	170.4	116.8	217.0





#13

Acetone

Concen: 46.516 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

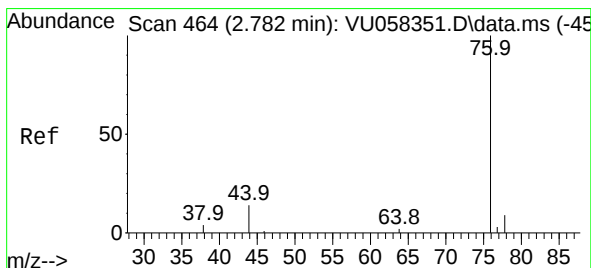
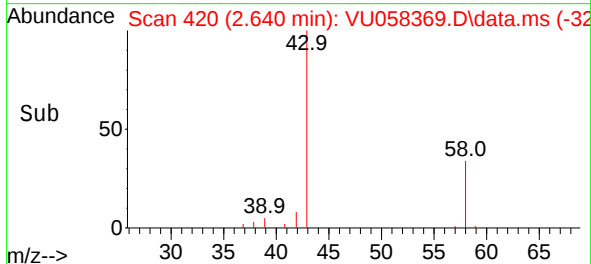
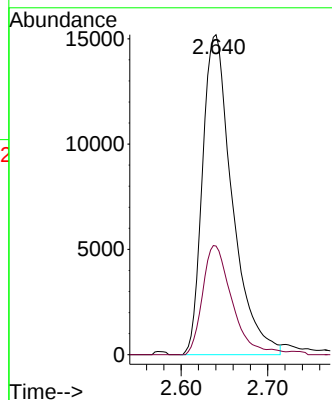
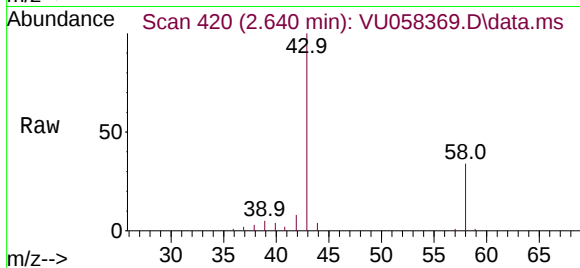
ClientSampleId :

Tgt Ion: 43 Resp: 36284

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.6



#14

Carbon disulfide

Concen: 3.068 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.006 min

Lab File: VU058369.D

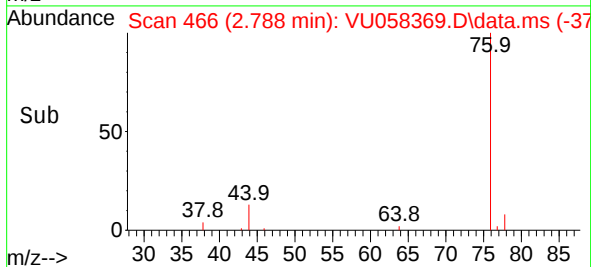
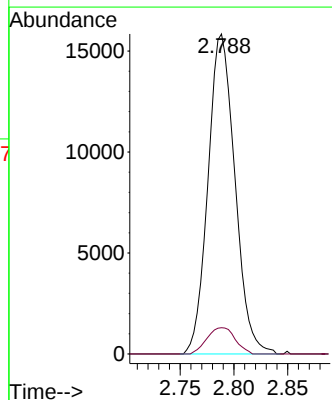
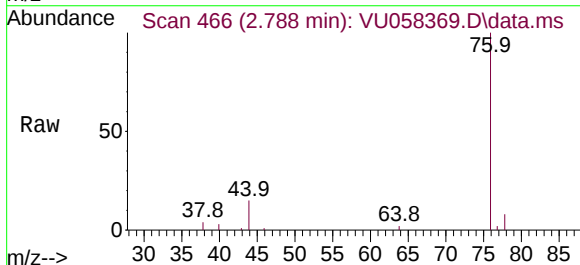
Acq: 03 Apr 2024 17:16

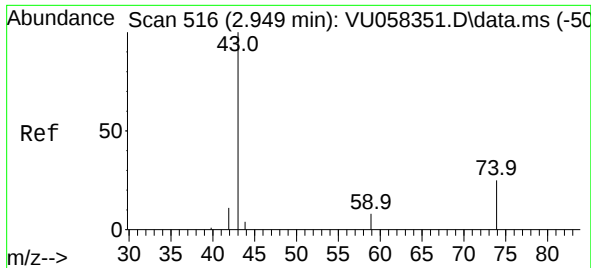
Tgt Ion: 76 Resp: 27590

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8





#15

Methyl Acetate

Concen: 4.844 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

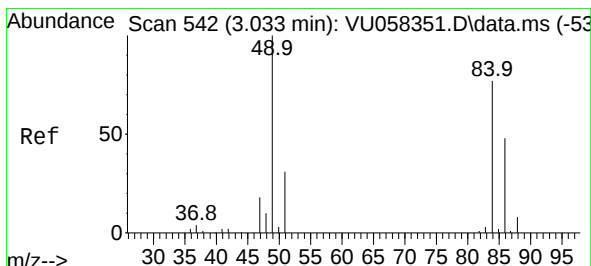
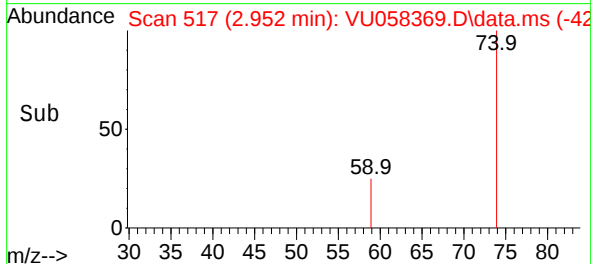
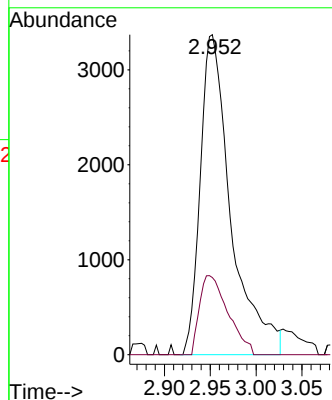
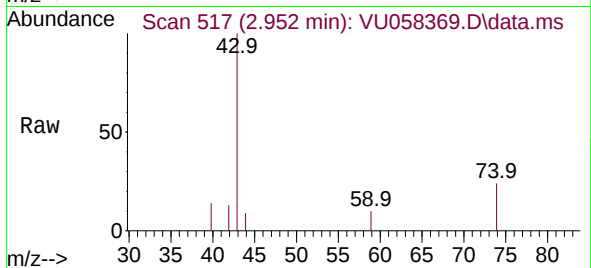
ClientSampleId :

Tgt Ion: 43 Resp: 7844

Ion Ratio Lower Upper

43 100

74 22.9 16.8 25.2



#16

Methylene chloride

Concen: 4.070 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

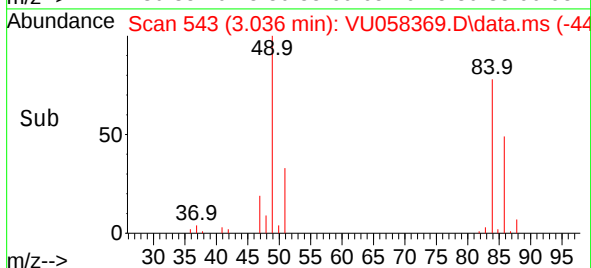
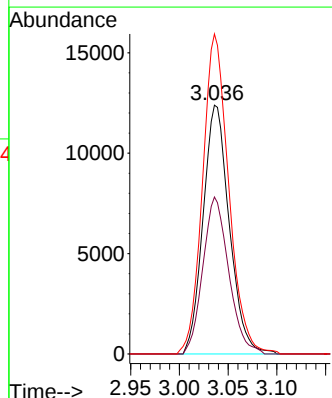
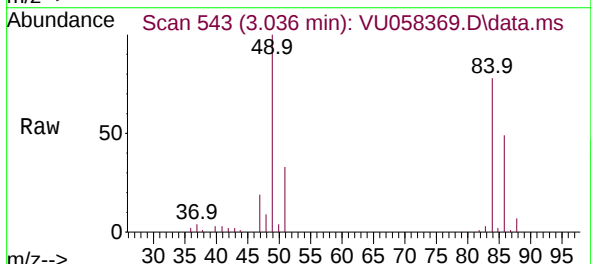
Tgt Ion: 84 Resp: 23213

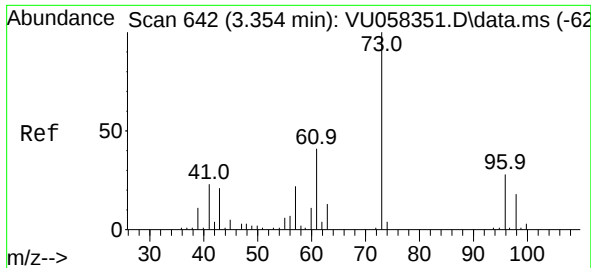
Ion Ratio Lower Upper

84 100

86 63.1 45.6 84.6

49 128.6 88.3 163.9

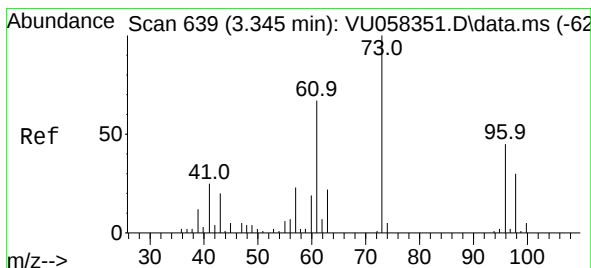
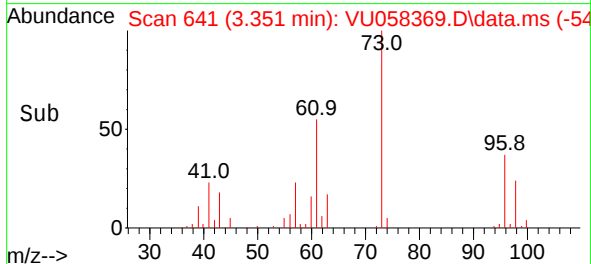
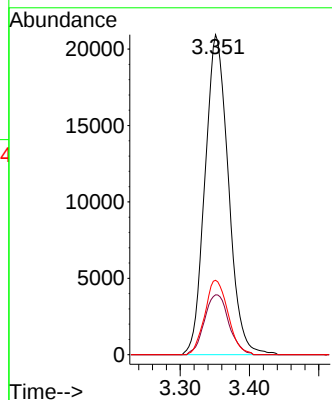
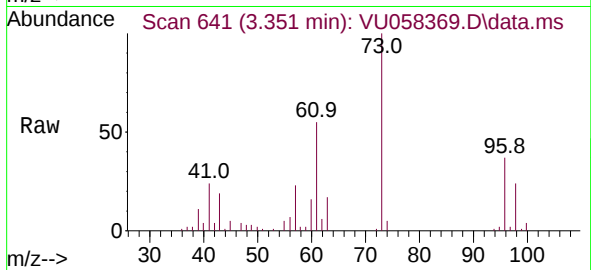




#17
Methyl tert-butyl Ether
Concen: 4.542 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

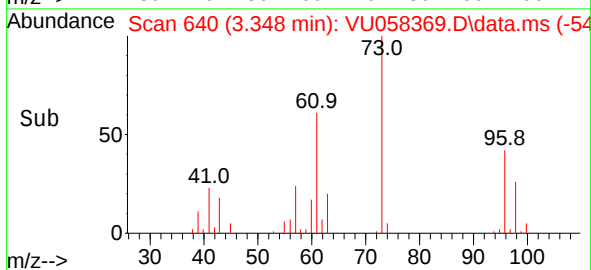
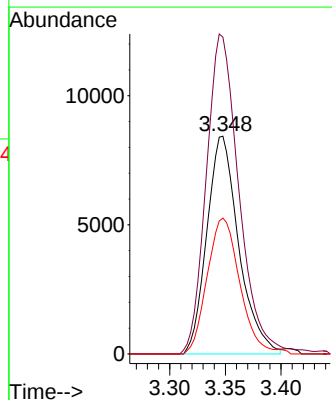
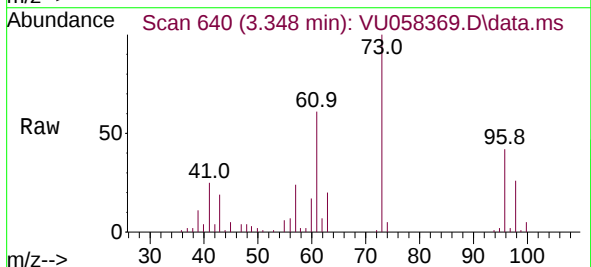
Instrument :
MSVOA_U
ClientSampleId :

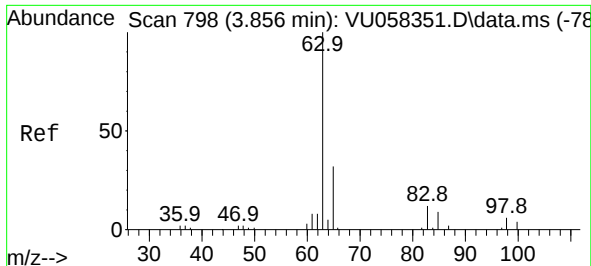
Tgt Ion: 73 Resp: 49058
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 23.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 3.995 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

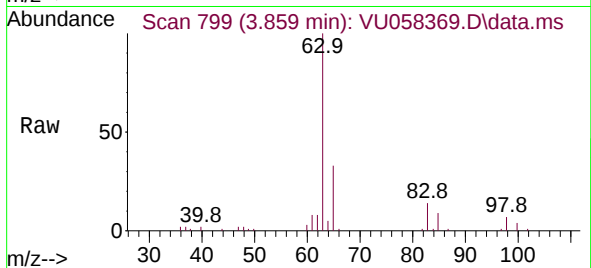
Tgt Ion: 96 Resp: 16805
Ion Ratio Lower Upper
96 100
61 145.5 102.5 190.3
98 62.4 44.0 81.8



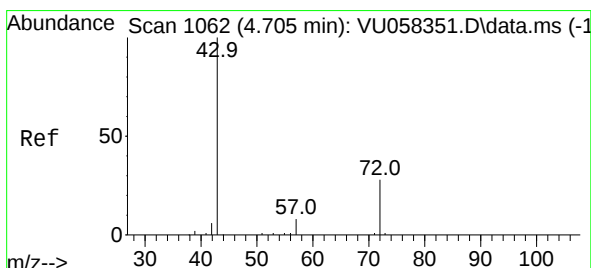
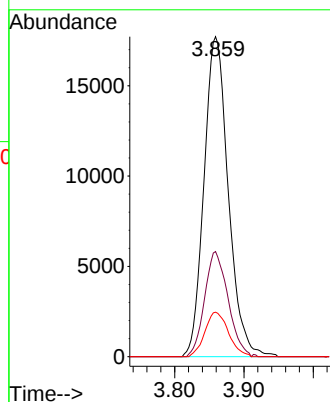
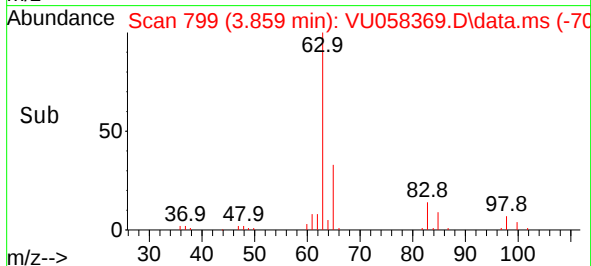


#19
1,1-Dichloroethane
Concen: 4.564 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Instrument :
MSVOA_U
ClientSampleId :

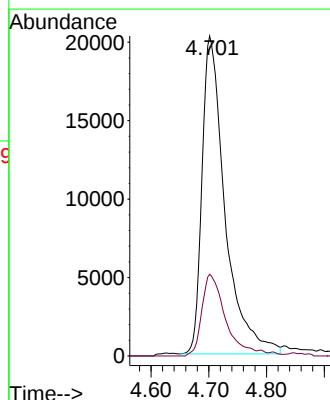
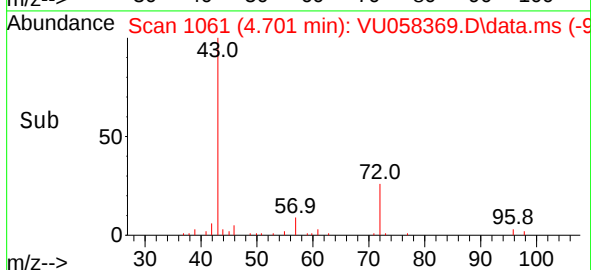
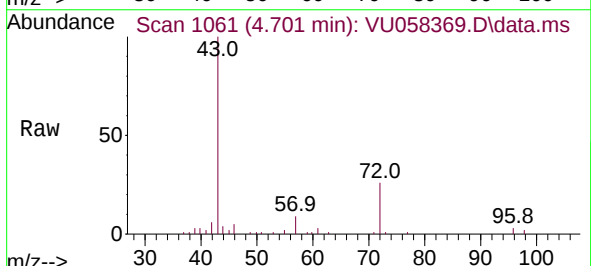


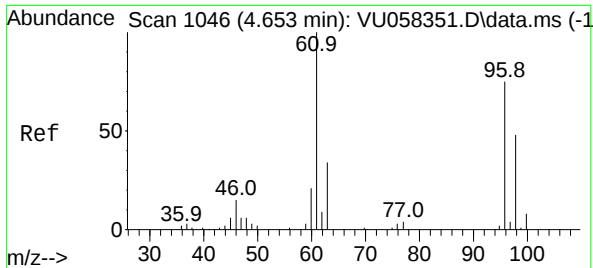
Tgt Ion: 63 Resp: 43128
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.5
83 13.9 10.0 18.6



#21
2-Butanone
Concen: 47.251 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 43 Resp: 55995
Ion Ratio Lower Upper
43 100
72 25.9 14.0 41.9

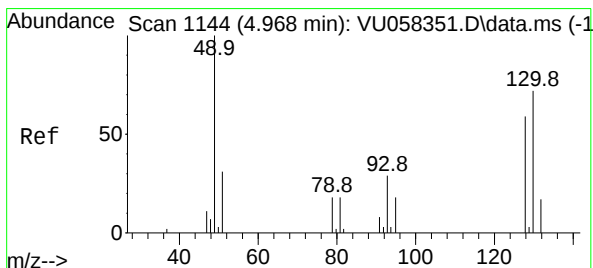
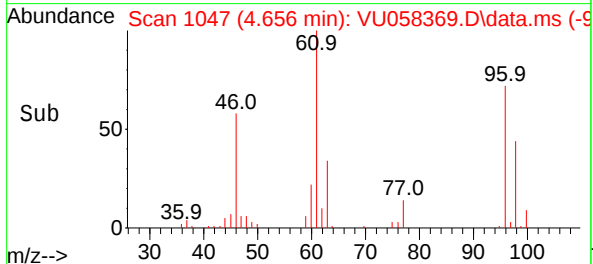
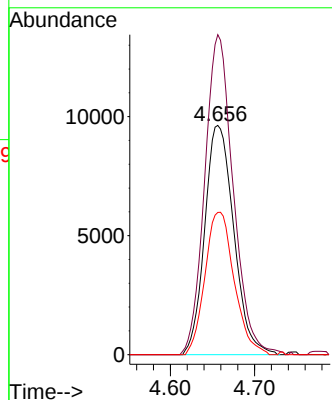
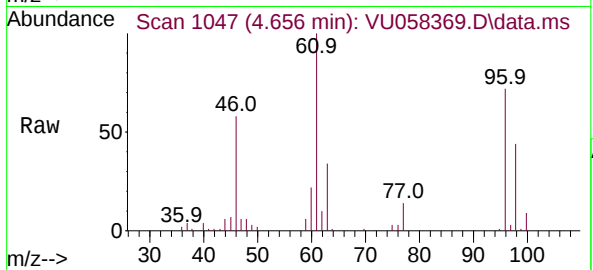




#22
cis-1,2-Dichloroethene
Concen: 4.449 ug/L
RT: 4.656 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

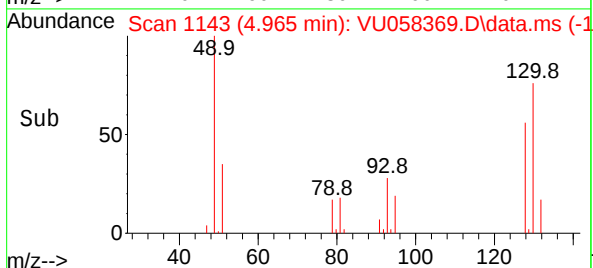
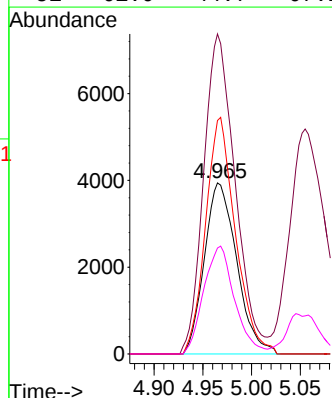
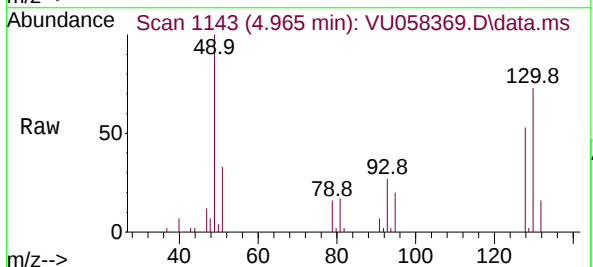
Instrument :
MSVOA_U
ClientSampleId :

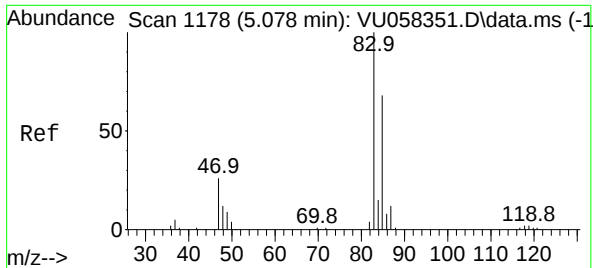
Tgt Ion: 96 Resp: 23121
Ion Ratio Lower Upper
96 100
61 139.6 92.8 172.4
98 62.0 43.2 80.2



#23
Bromochloromethane
Concen: 4.698 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion:128 Resp: 9111
Ion Ratio Lower Upper
128 100
49 187.0 125.0 232.2
130 136.5 92.3 171.5
51 61.9 44.7 67.1

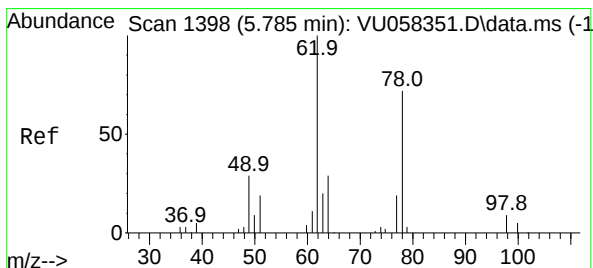
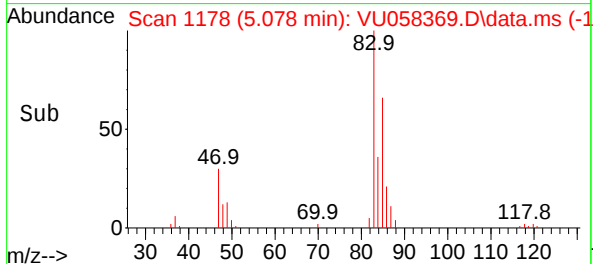
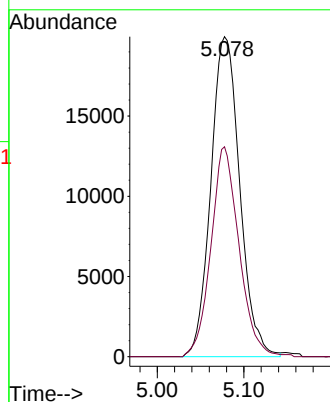
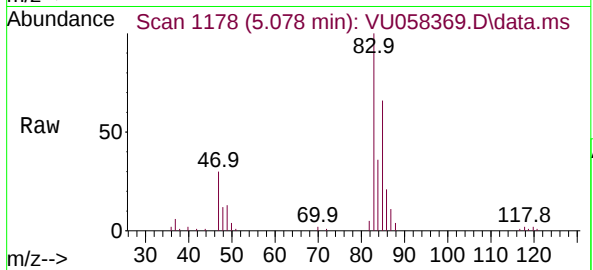




#25
Chloroform
Concen: 4.674 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

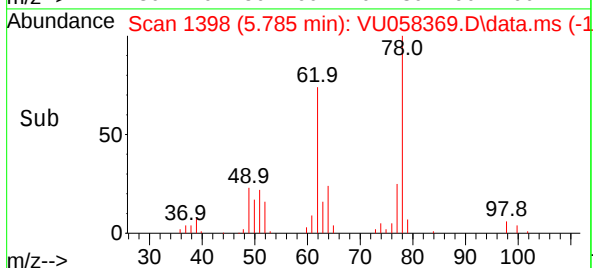
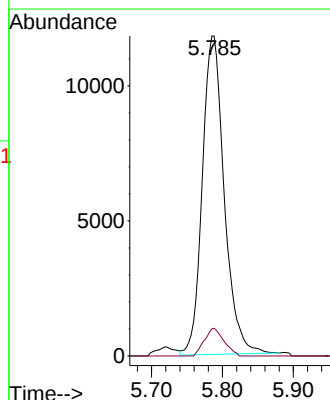
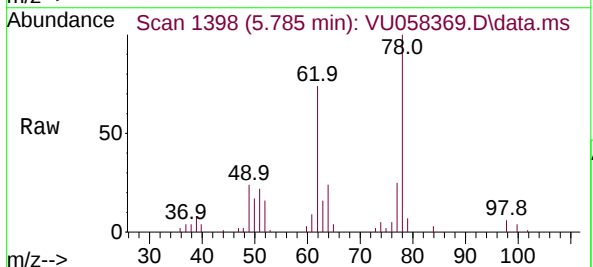
Instrument :
MSVOA_U
ClientSampleId :

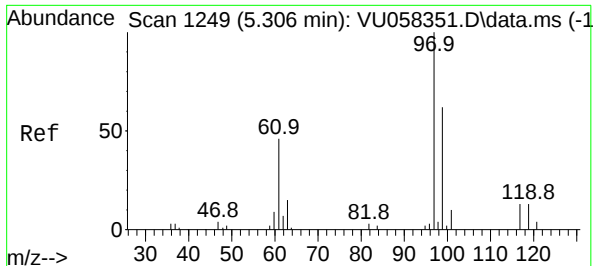
Tgt Ion: 83 Resp: 46323
Ion Ratio Lower Upper
83 100
85 65.6 47.9 88.9



#27
1,2-Dichloroethane
Concen: 4.505 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 62 Resp: 25351
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0

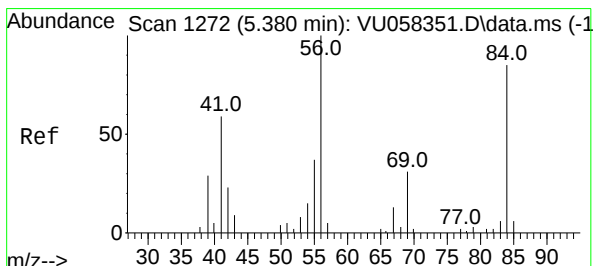
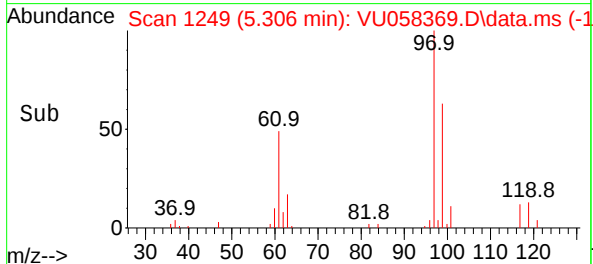
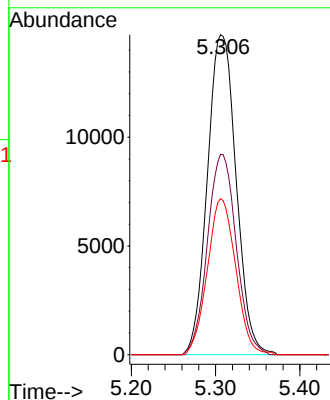
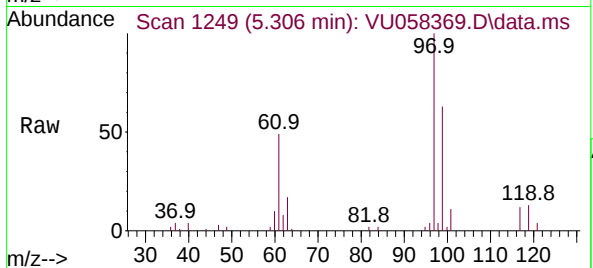




#29
1,1,1-Trichloroethane
Concen: 4.403 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

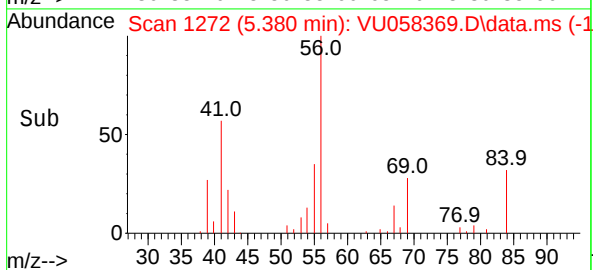
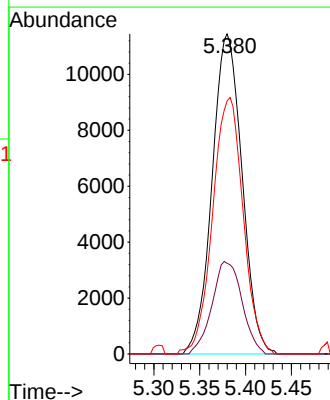
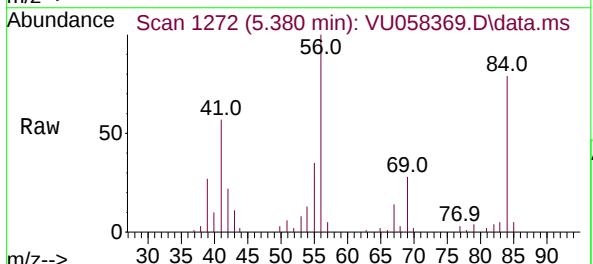
Instrument :
MSVOA_U
ClientSampleId :

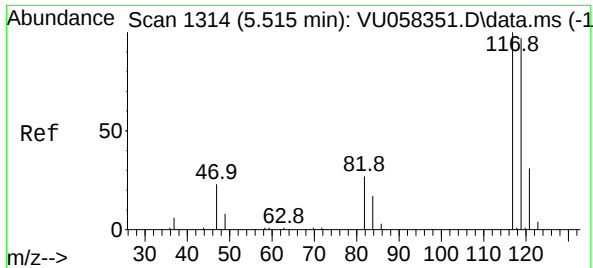
Tgt Ion: 97 Resp: 34901
Ion Ratio Lower Upper
97 100
99 62.7 50.5 75.7
61 48.0 36.3 54.5



#30
Cyclohexane
Concen: 3.744 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 56 Resp: 25920
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.2
84 81.8 69.7 104.5

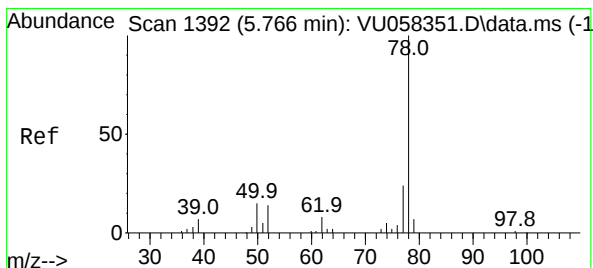
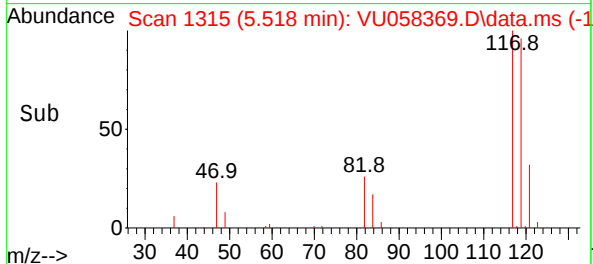
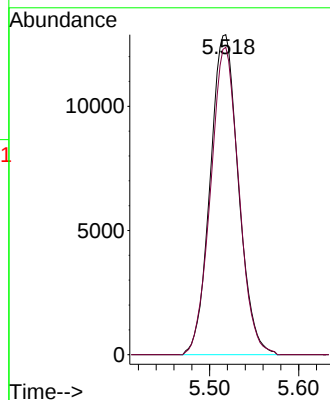
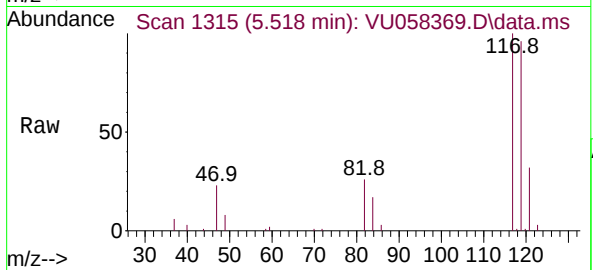




#31
Carbon tetrachloride
Concen: 4.217 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

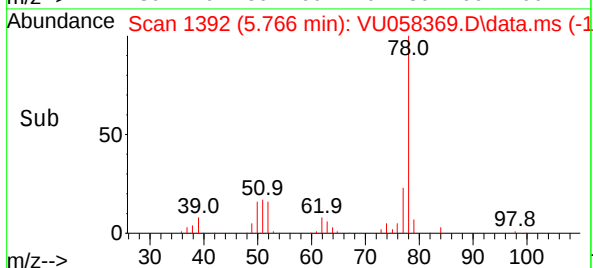
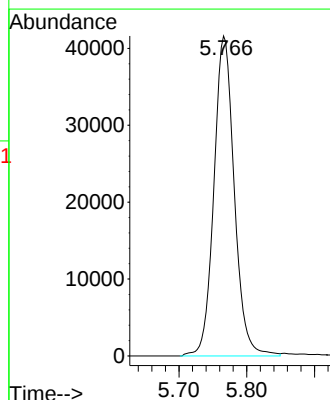
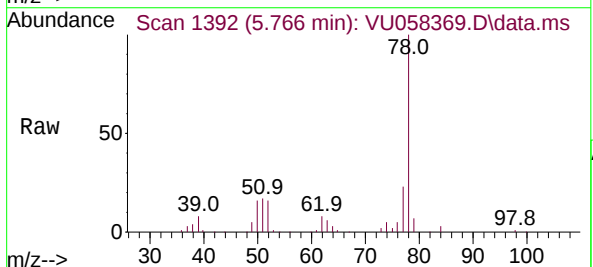
Instrument :
MSVOA_U
ClientSampleId :

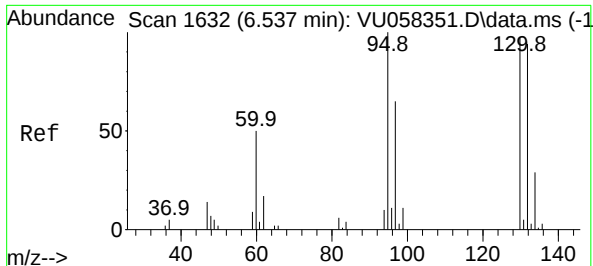
Tgt Ion:117 Resp: 28453
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1



#33
Benzene
Concen: 4.321 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

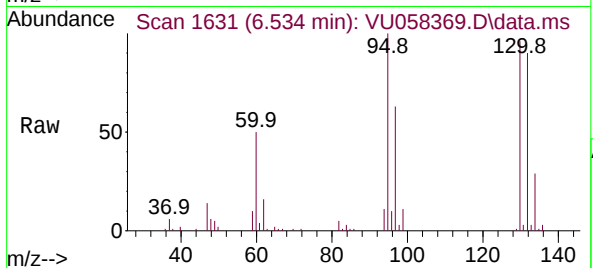
Tgt Ion: 78 Resp: 87004





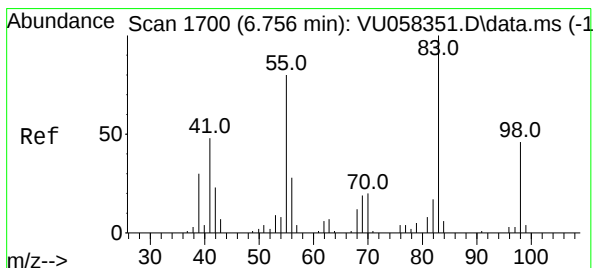
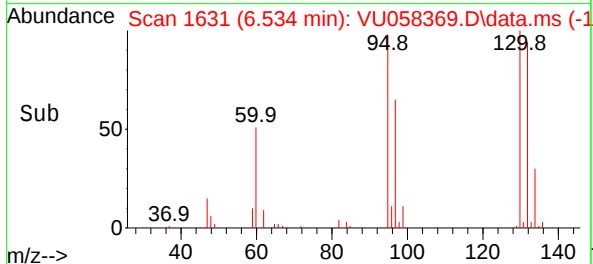
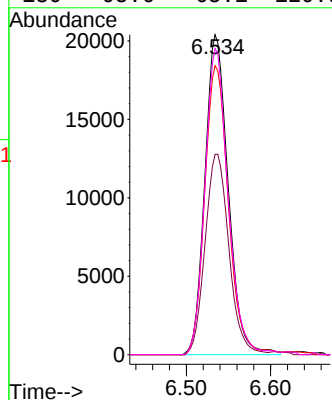
#34
Trichloroethene
Concen: 7.502 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 39355

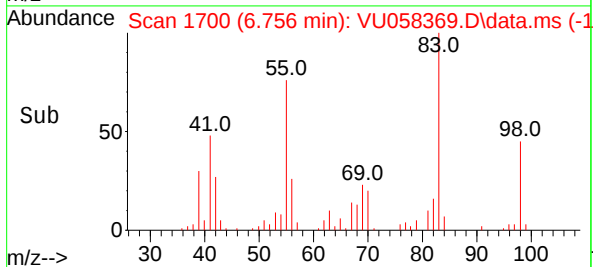
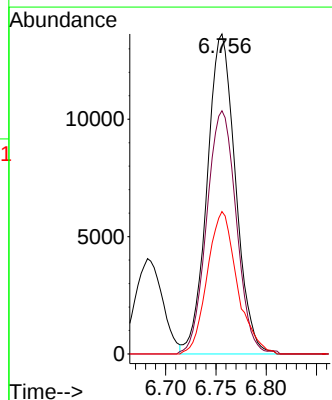
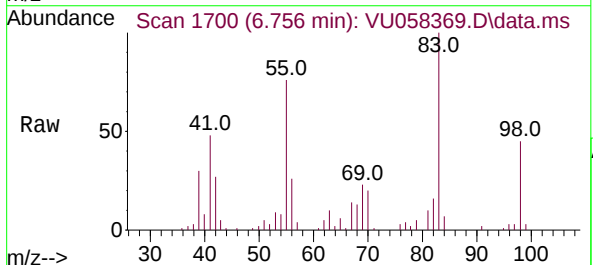
Ion	Ratio	Lower	Upper
95	100		
97	62.6	47.7	88.7
132	90.3	63.6	118.2
130	95.6	65.1	120.9

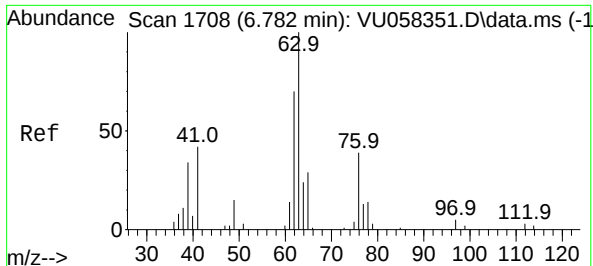


#35
Methylcyclohexane
Concen: 3.657 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 83 Resp: 26755

Ion	Ratio	Lower	Upper
83	100		
55	79.3	62.7	94.1
98	46.9	37.3	55.9

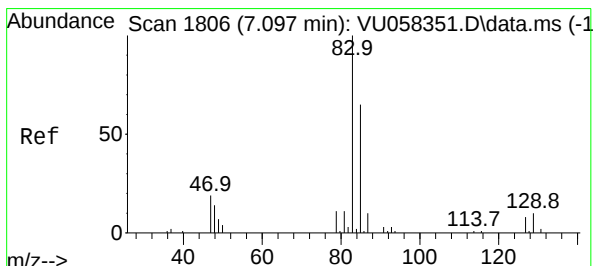
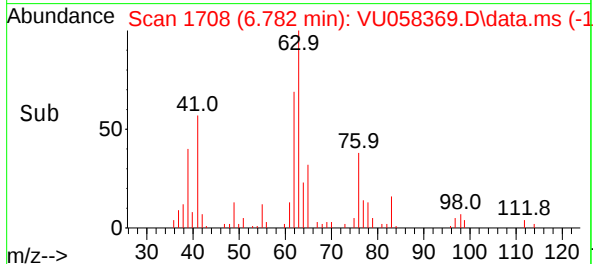
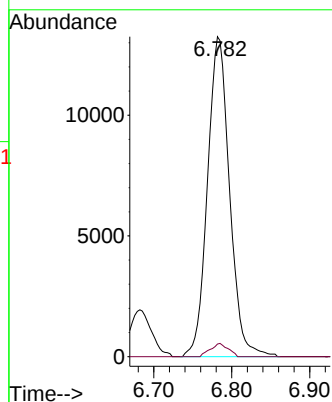
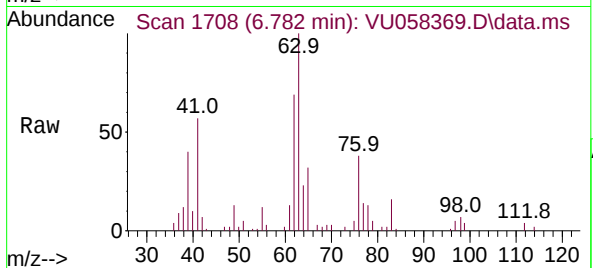




#37
1,2-Dichloropropane
Concen: 4.640 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

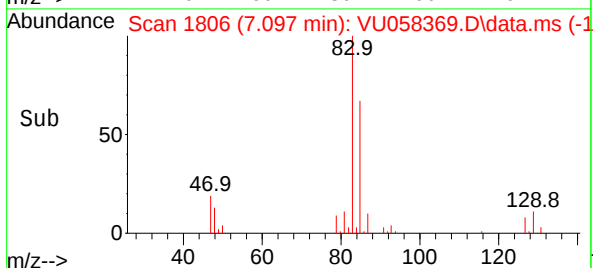
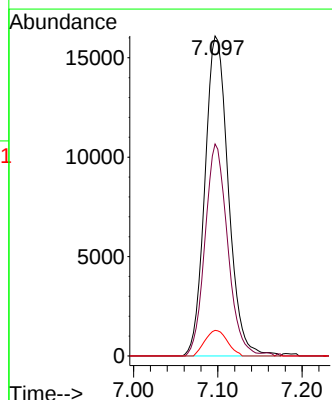
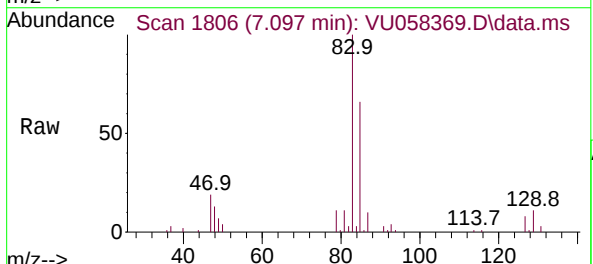
Instrument :
MSVOA_U
ClientSampleId :

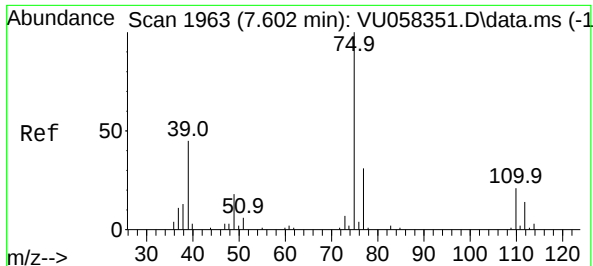
Tgt Ion: 63 Resp: 26098
Ion Ratio Lower Upper
63 100
112 3.3 2.7 4.1



#38
Bromodichloromethane
Concen: 4.831 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 83 Resp: 31146
Ion Ratio Lower Upper
83 100
85 66.3 45.6 84.8
127 8.0 7.1 10.7

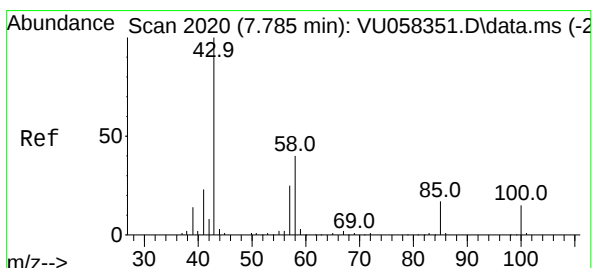
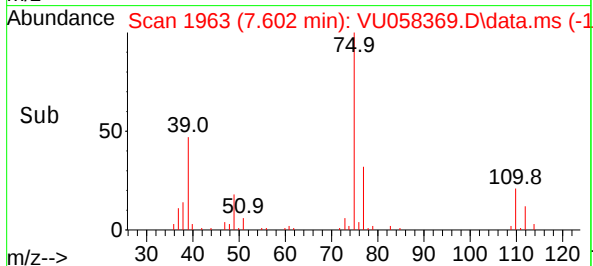
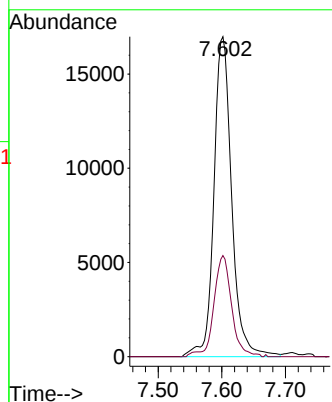
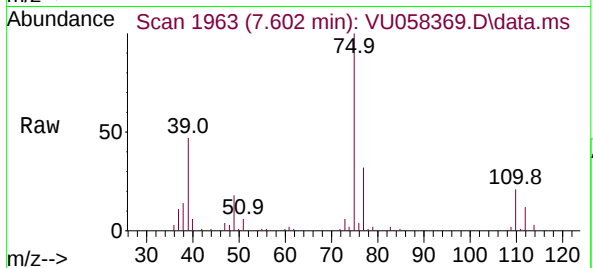




#39
 cis-1,3-Dichloropropene
 Concen: 4.627 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

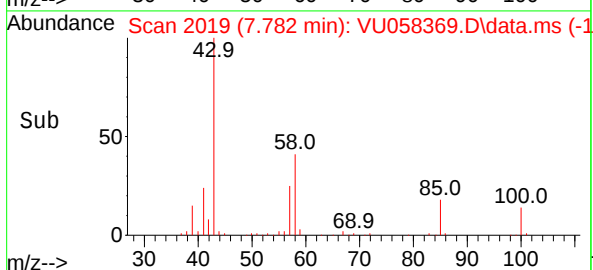
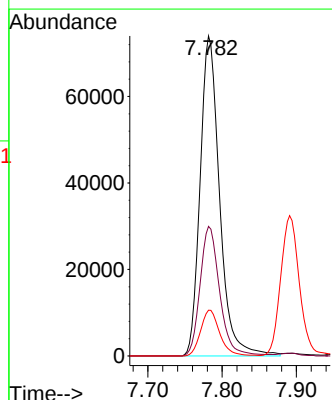
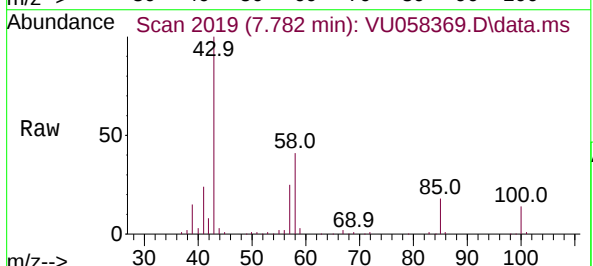
Instrument :
 MSVOA_U
 ClientSampleId :

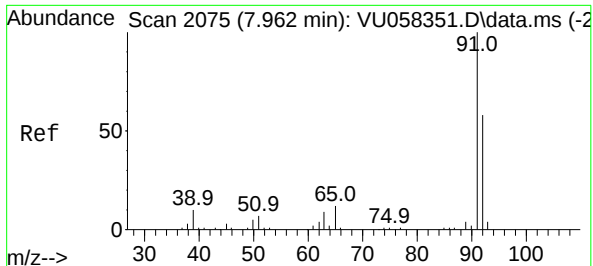
Tgt Ion: 75 Resp: 33011
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 47.467 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

Tgt Ion: 43 Resp: 135008
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.2 49.8
 100 14.1 11.5 17.3





#42

Toluene

Concen: 4.251 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

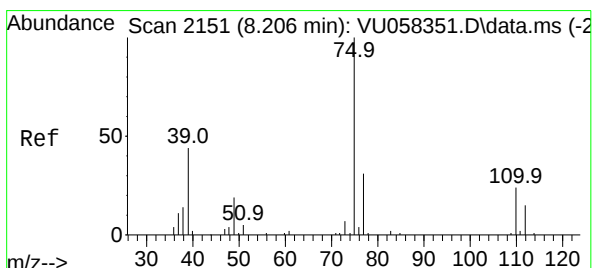
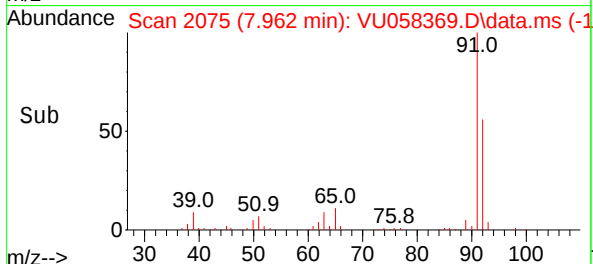
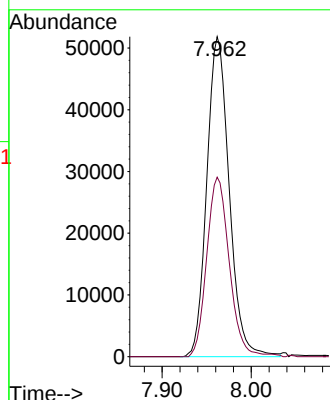
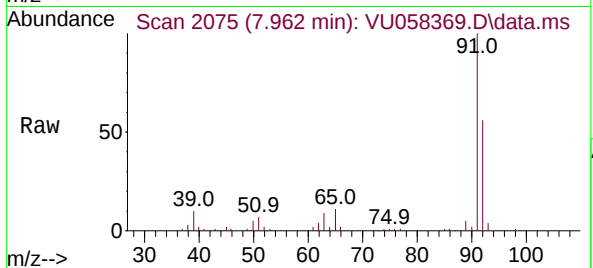
ClientSampleId :

Tgt Ion: 91 Resp: 90436

Ion Ratio Lower Upper

91 100

92 56.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.620 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058369.D

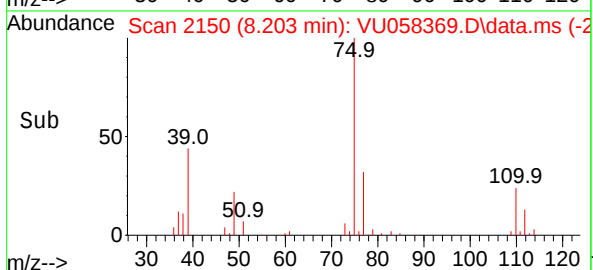
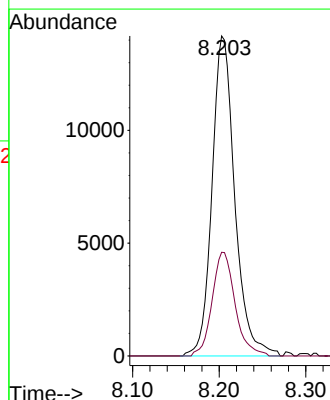
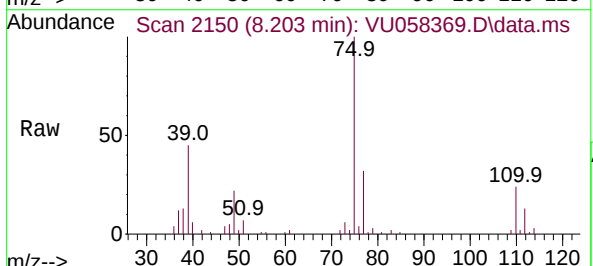
Acq: 03 Apr 2024 17:16

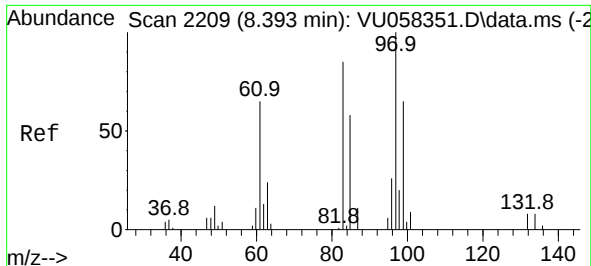
Tgt Ion: 75 Resp: 25938

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.612 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 16342

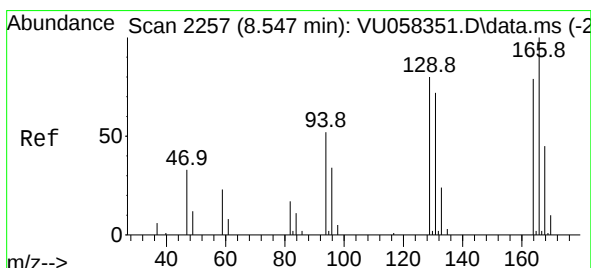
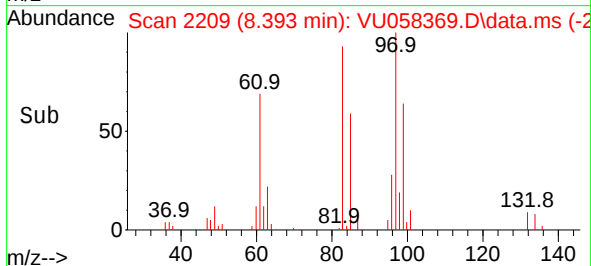
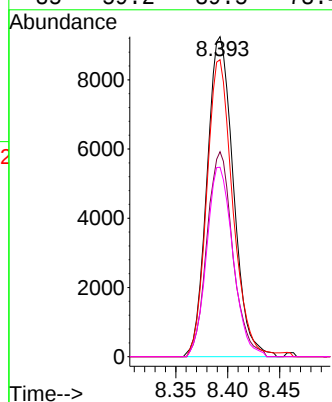
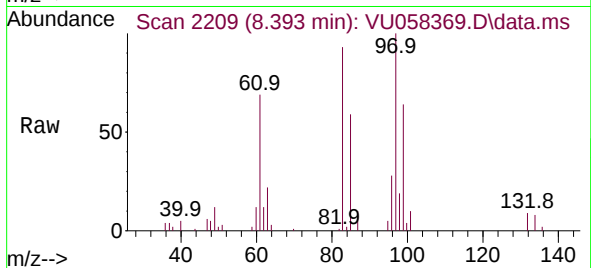
Ion Ratio Lower Upper

97 100

99 64.1 44.5 82.7

83 92.8 64.1 119.1

85 59.2 39.5 73.4



#47

Tetrachloroethene

Concen: 4.226 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Tgt Ion:164 Resp: 14850

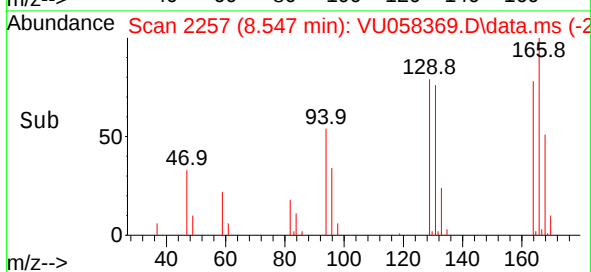
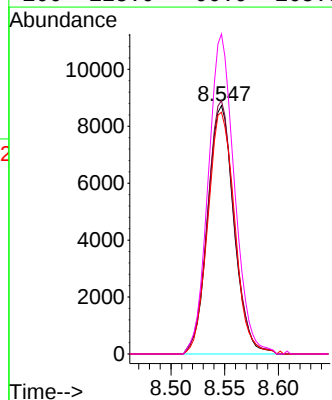
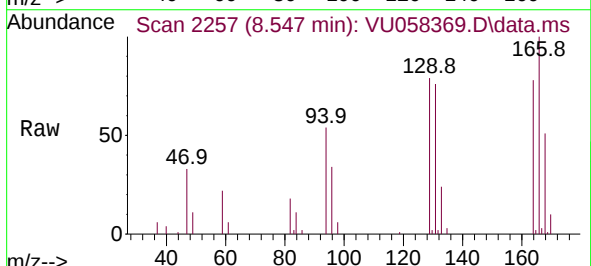
Ion Ratio Lower Upper

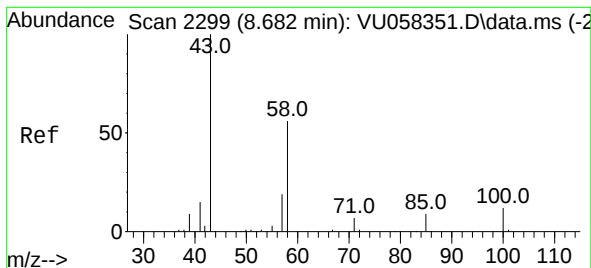
164 100

129 102.0 71.3 132.3

131 97.4 70.8 131.4

166 128.9 90.9 168.9





#48

2-Hexanone

Concen: 47.009 ug/L

RT: 8.675 min Scan# 21

Delta R.T. -0.006 min

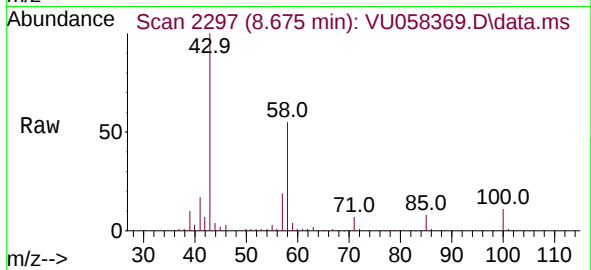
Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 97371

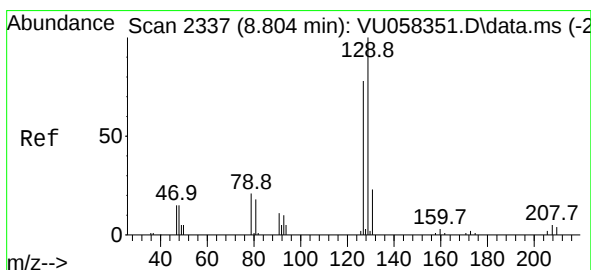
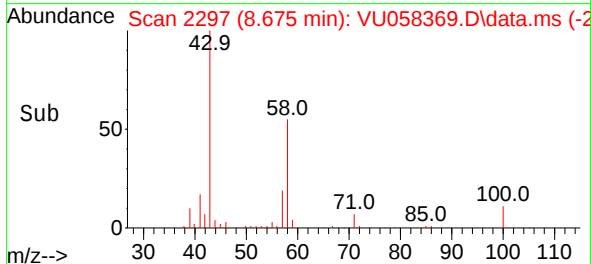
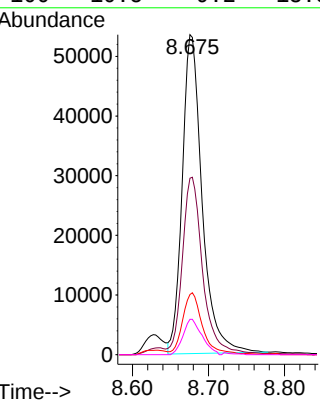
Ion Ratio Lower Upper

43 100

58 56.4 48.3 72.5

57 19.1 16.3 24.5

100 10.5 9.2 13.8



#49

Dibromochloromethane

Concen: 4.762 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058369.D

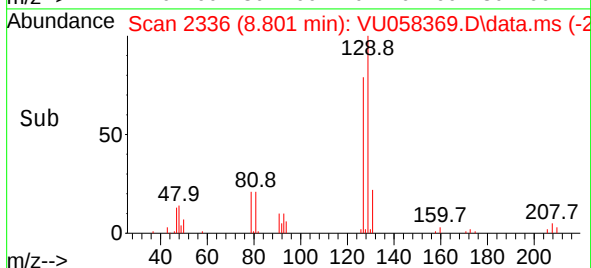
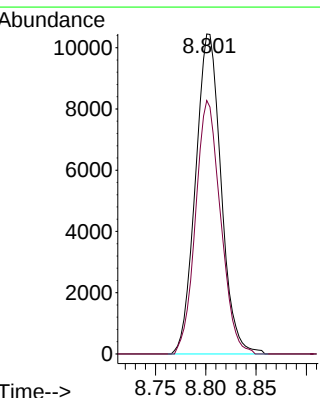
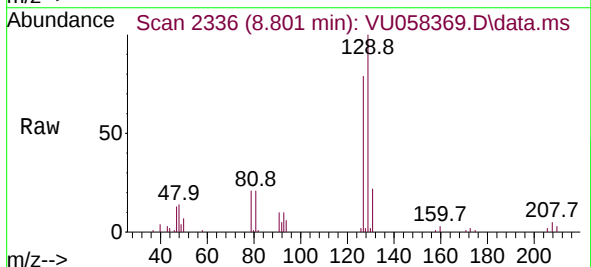
Acq: 03 Apr 2024 17:16

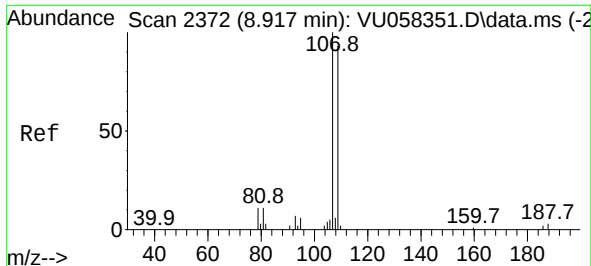
Tgt Ion: 129 Resp: 18463

Ion Ratio Lower Upper

129 100

127 79.2 55.7 103.5

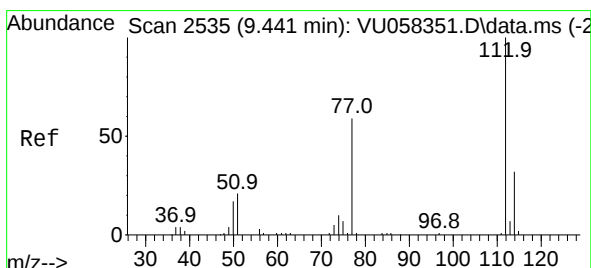
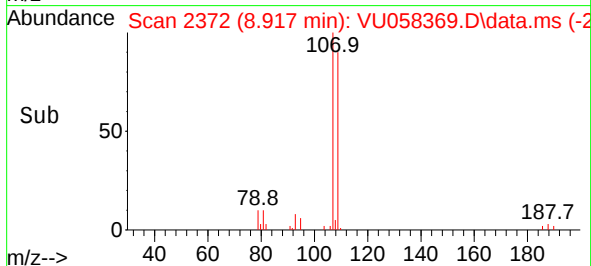
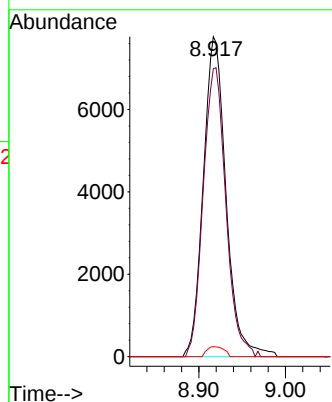
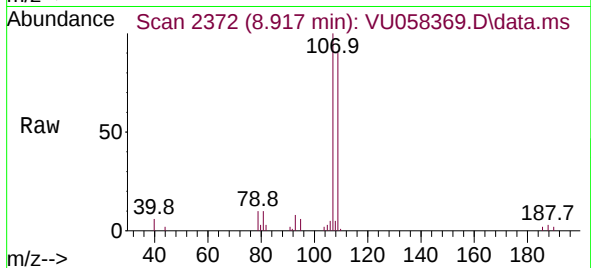




#50
1,2-Dibromoethane
Concen: 4.652 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

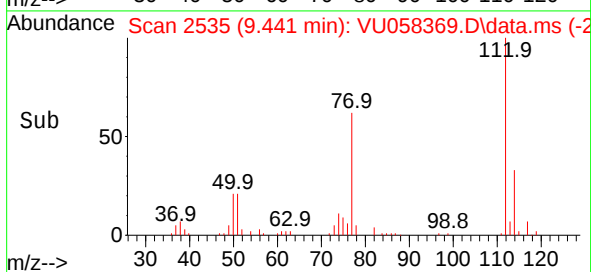
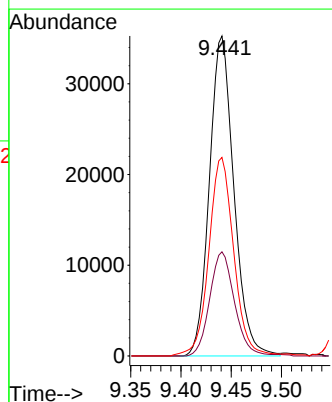
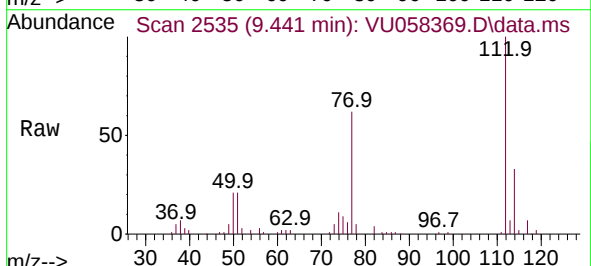
Instrument :
MSVOA_U
ClientSampleId :

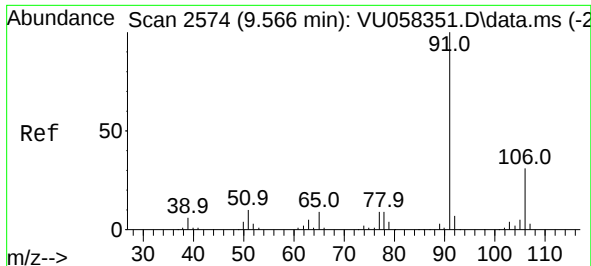
Tgt Ion:107 Resp: 14188
Ion Ratio Lower Upper
107 100
109 90.0 67.8 125.8
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 4.358 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion:112 Resp: 59736
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 62.0 48.9 73.3





#52

Ethylbenzene

Concen: 4.290 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

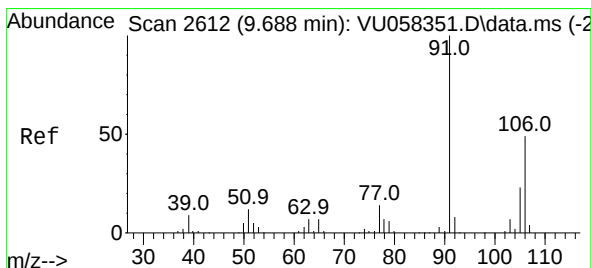
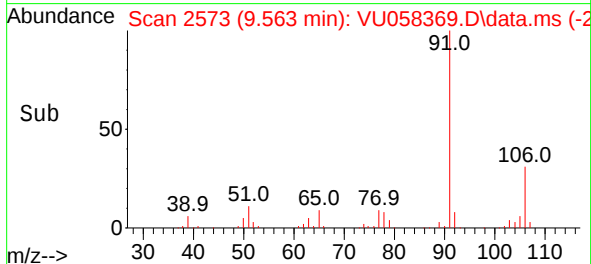
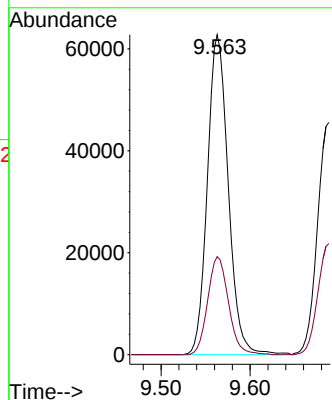
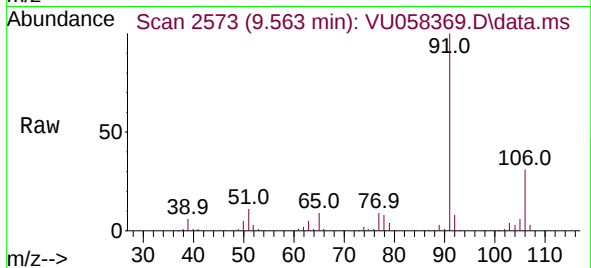
ClientSampleId :

Tgt Ion: 91 Resp: 101908

Ion Ratio Lower Upper

91 100

106 30.6 20.6 38.2



#53

m,p-Xylene

Concen: 4.349 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058369.D

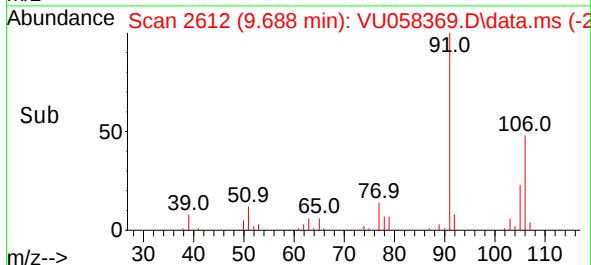
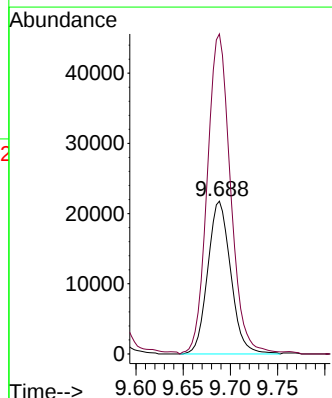
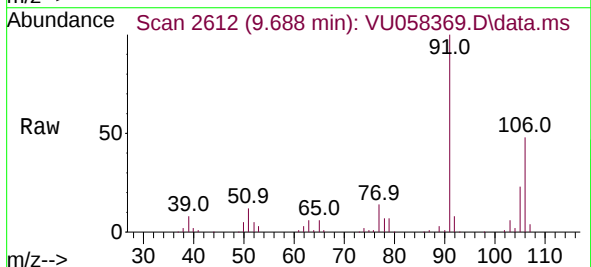
Acq: 03 Apr 2024 17:16

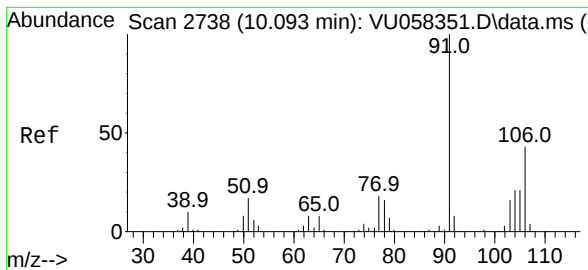
Tgt Ion:106 Resp: 36810

Ion Ratio Lower Upper

106 100

91 209.4 151.0 280.4

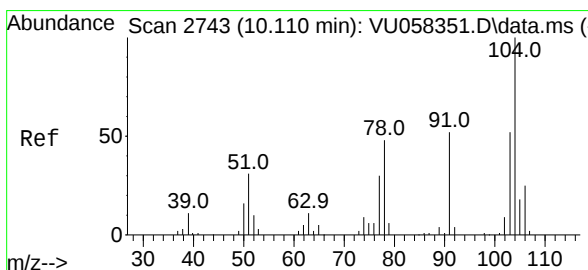
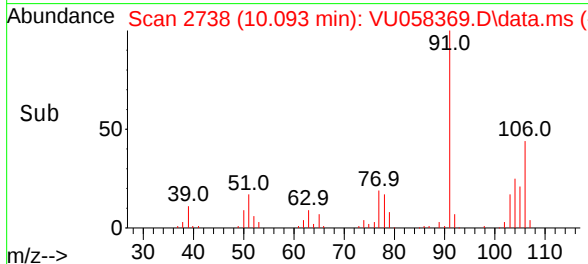
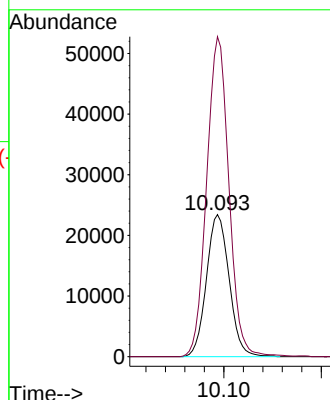
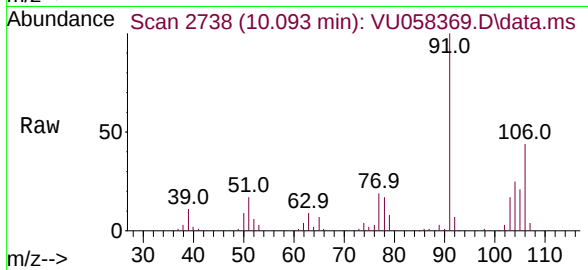




#54
o-Xylene
Concen: 4.437 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

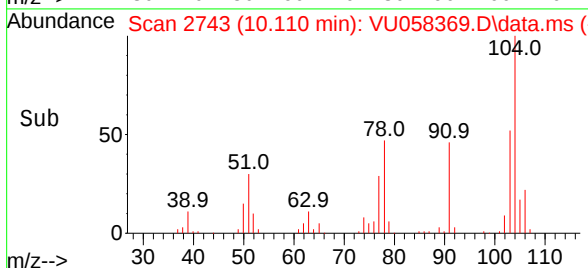
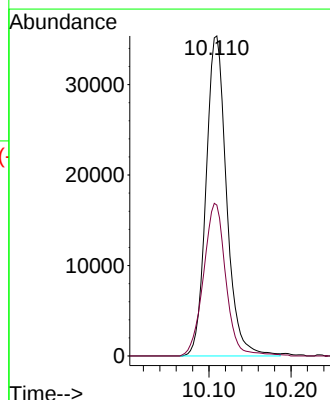
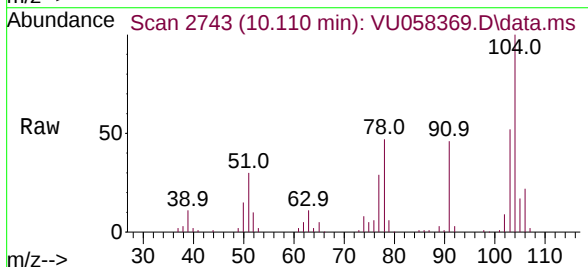
Instrument :
MSVOA_U
ClientSampleId :

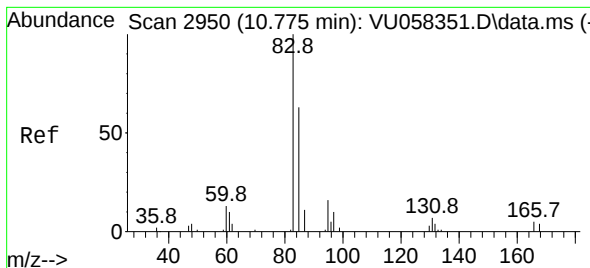
Tgt Ion:106 Resp: 37910
Ion Ratio Lower Upper
106 100
91 225.3 154.3 286.7



#55
Styrene
Concen: 4.560 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion:104 Resp: 61517
Ion Ratio Lower Upper
104 100
78 47.2 34.5 64.1

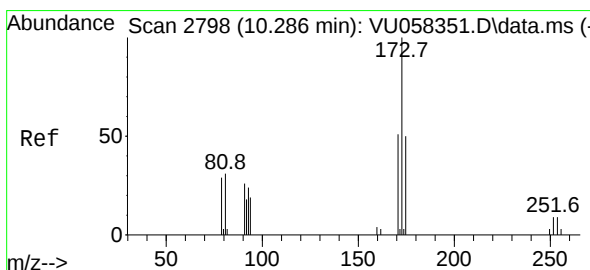
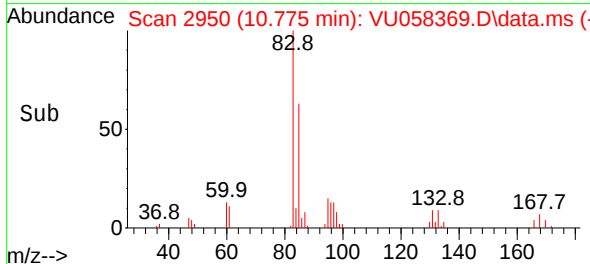
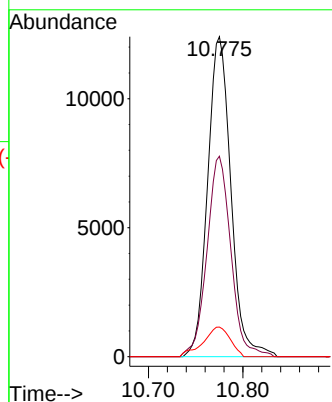
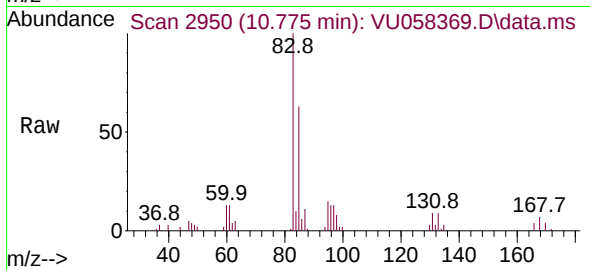




#57
1,1,2,2-Tetrachloroethane
Concen: 5.077 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

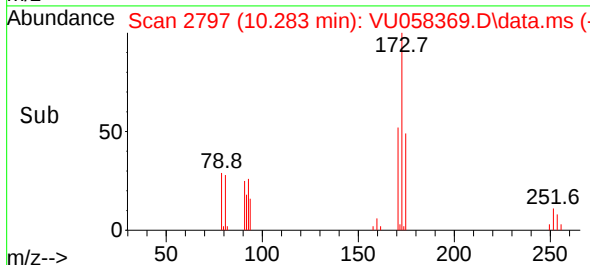
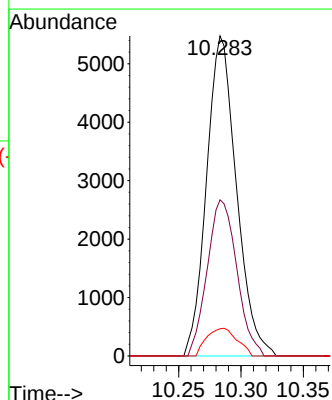
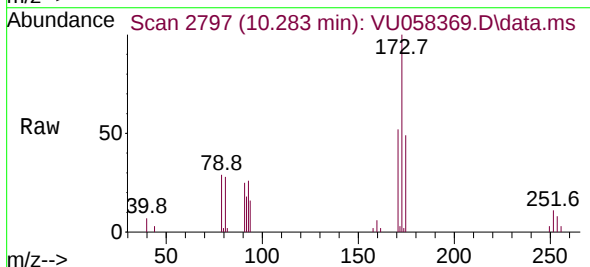
Instrument :
MSVOA_U
ClientSampleId :

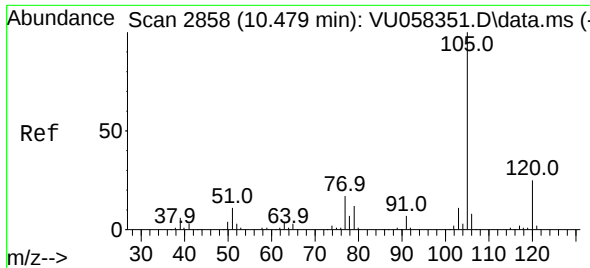
Tgt Ion: 83 Resp: 21201
Ion Ratio Lower Upper
83 100
85 62.6 44.7 82.9
131 9.3 7.0 10.6



#59
Bromoform
Concen: 4.553 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion:173 Resp: 9140
Ion Ratio Lower Upper
173 100
175 48.3 40.9 61.3
254 8.8 5.8 8.8#

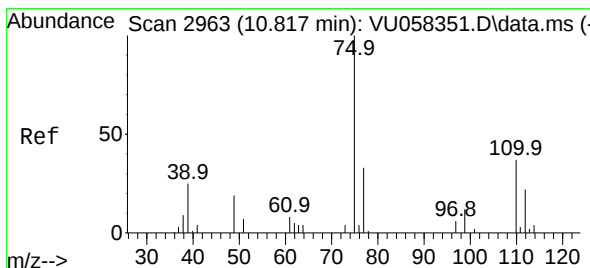
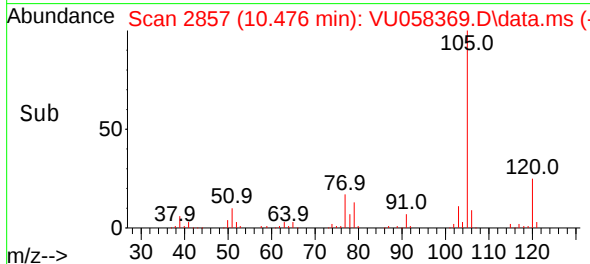
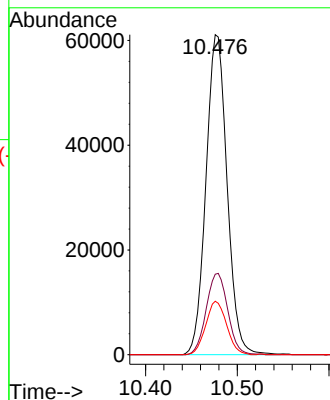
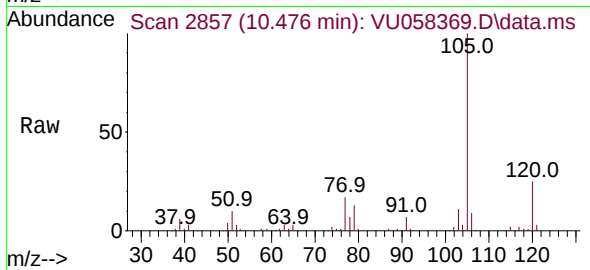




#60
Isopropylbenzene
Concen: 4.260 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

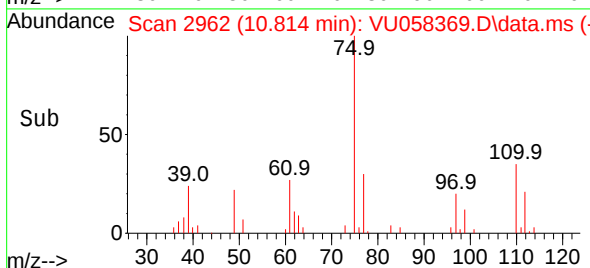
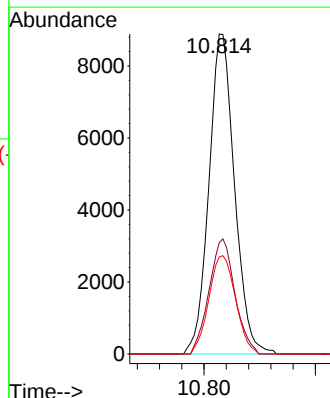
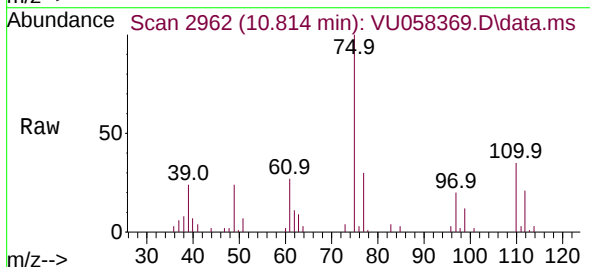
Instrument :
MSVOA_U
ClientSampleId :

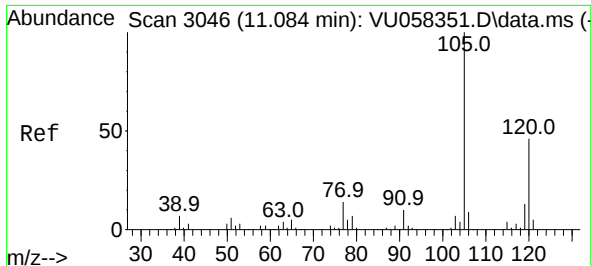
Tgt Ion:105 Resp: 97821
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.432 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

Tgt Ion: 75 Resp: 14186
Ion Ratio Lower Upper
75 100
110 36.3 28.1 42.1
77 32.0 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.182 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

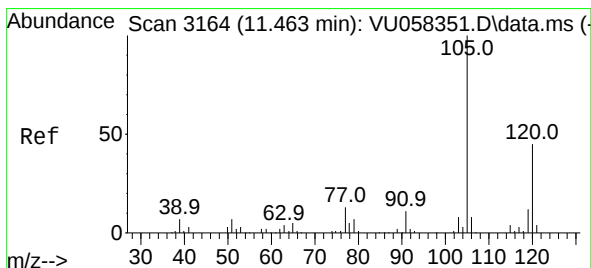
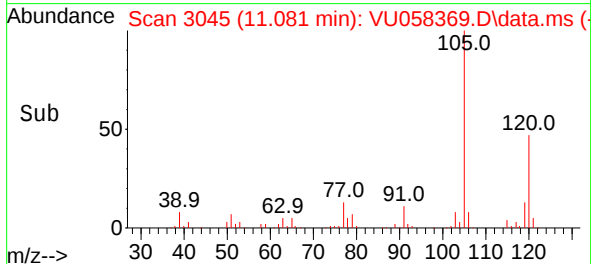
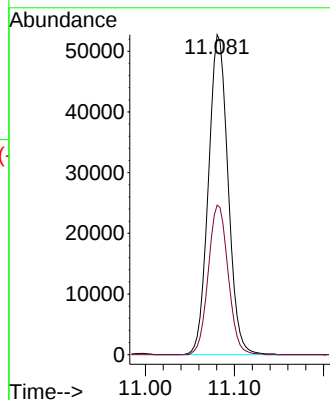
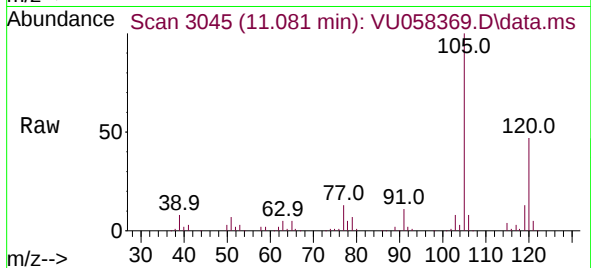
ClientSampleId :

Tgt Ion:105 Resp: 80593

Ion Ratio Lower Upper

105 100

120 47.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.229 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058369.D

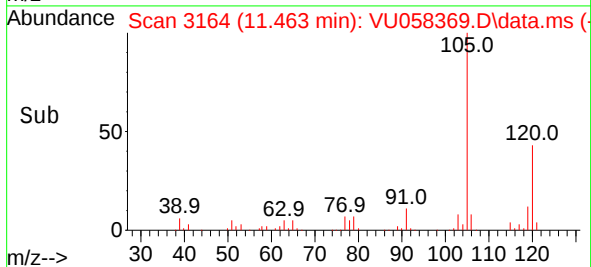
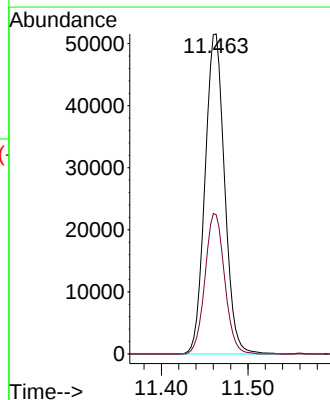
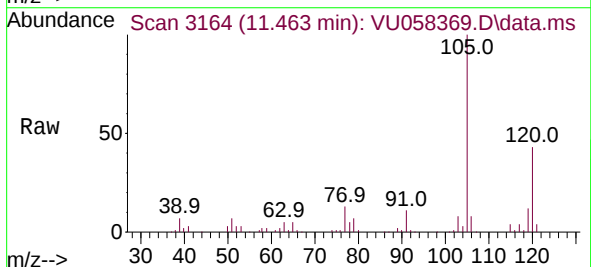
Acq: 03 Apr 2024 17:16

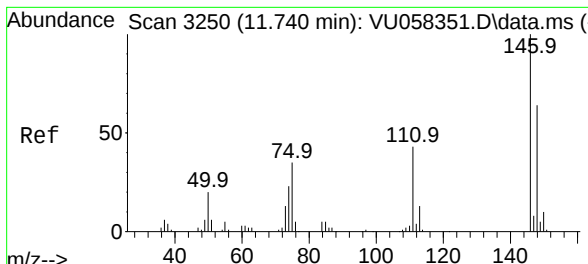
Tgt Ion:105 Resp: 80948

Ion Ratio Lower Upper

105 100

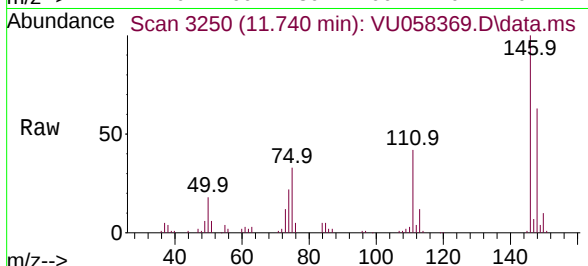
120 43.9 35.9 53.9



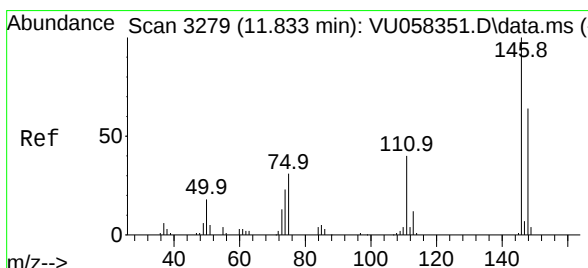
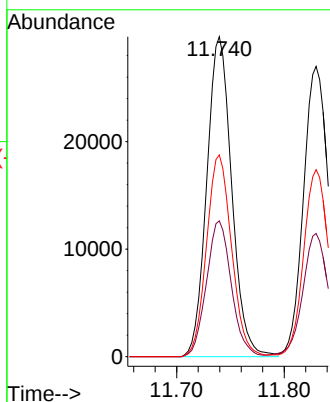
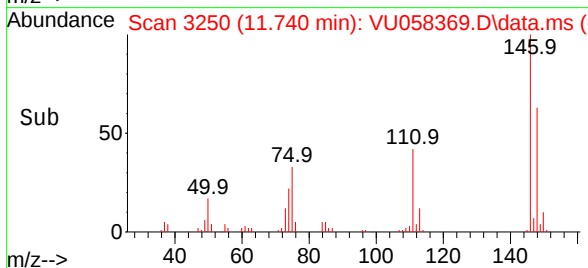


#64
1,3-Dichlorobenzene
Concen: 4.488 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

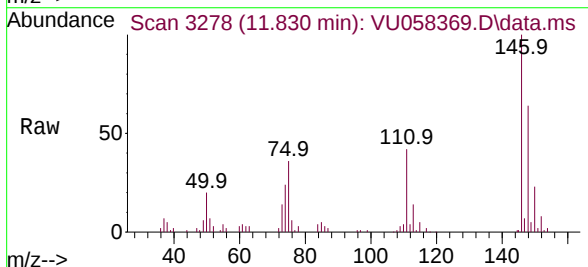
Instrument :
MSVOA_U
ClientSampleId :



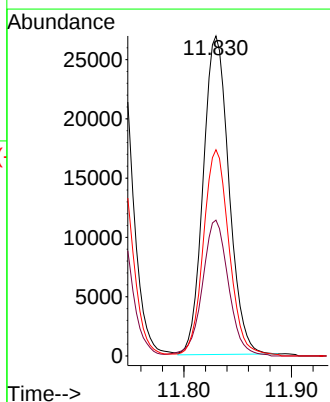
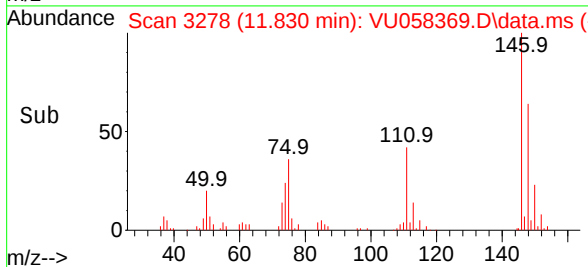
Tgt Ion:146 Resp: 47994
Ion Ratio Lower Upper
146 100
111 42.5 29.9 55.5
148 63.0 44.4 82.4

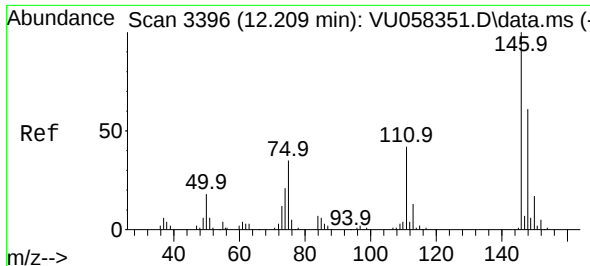


#65
1,4-Dichlorobenzene
Concen: 4.327 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16



Tgt Ion:146 Resp: 44728
Ion Ratio Lower Upper
146 100
111 42.5 29.0 53.8
148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.508 ug/L

RT: 12.206 min Scan# 34

Delta R.T. -0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

Instrument :

MSVOA_U

ClientSampleId :

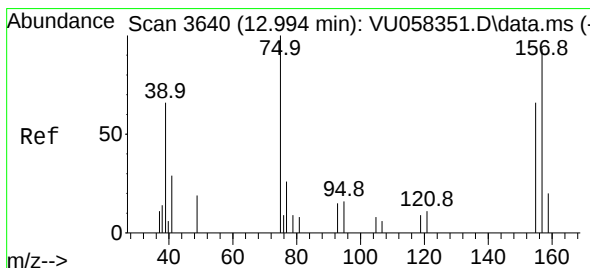
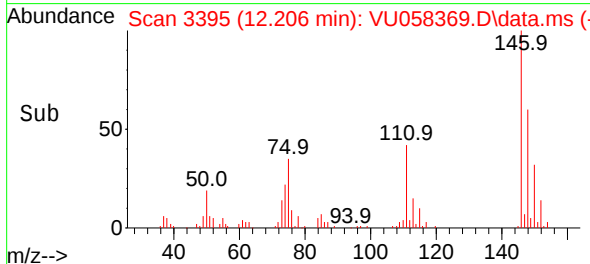
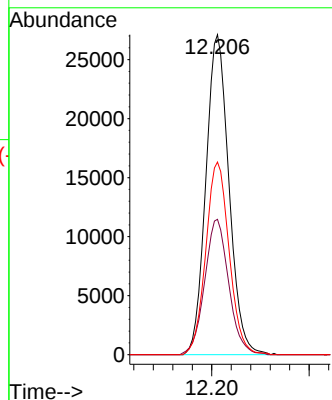
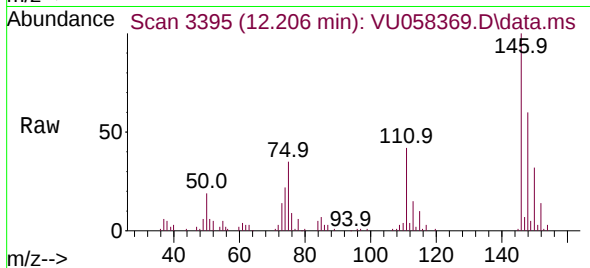
Tgt Ion:146 Resp: 44585

Ion Ratio Lower Upper

146 100

111 42.3 35.9 53.9

148 60.2 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.198 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058369.D

Acq: 03 Apr 2024 17:16

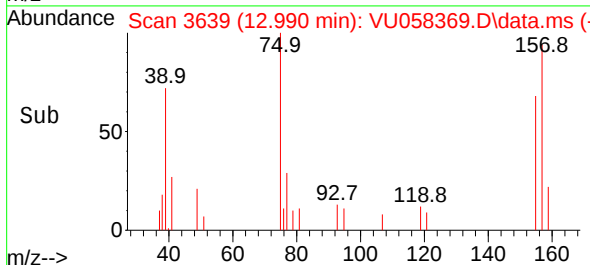
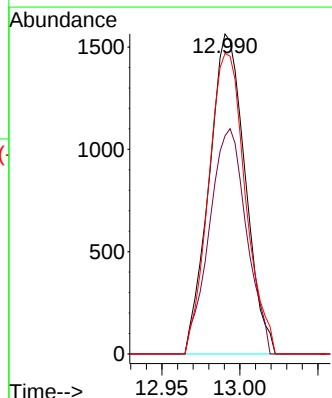
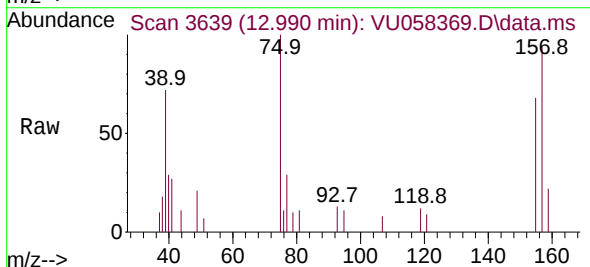
Tgt Ion: 75 Resp: 2509

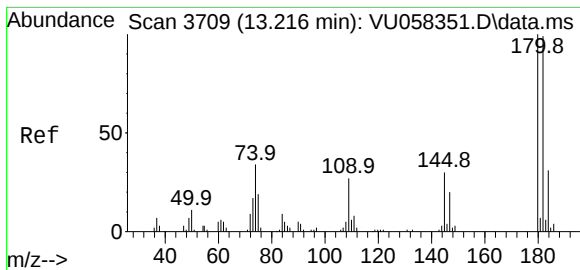
Ion Ratio Lower Upper

75 100

155 68.2 60.2 90.2

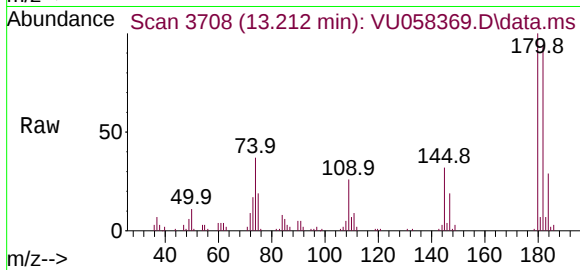
157 93.9 82.6 123.8



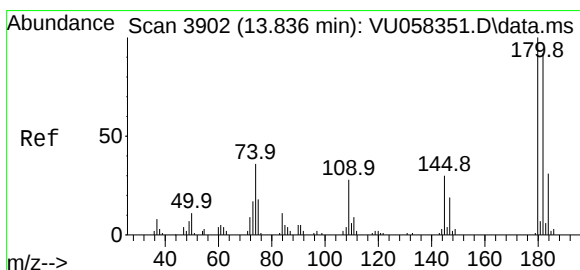
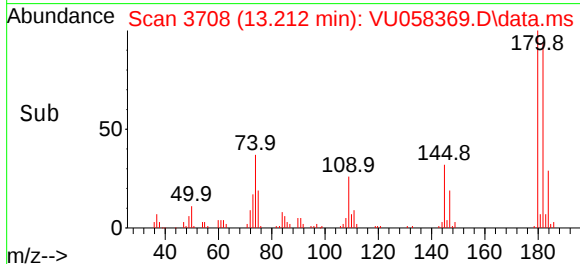
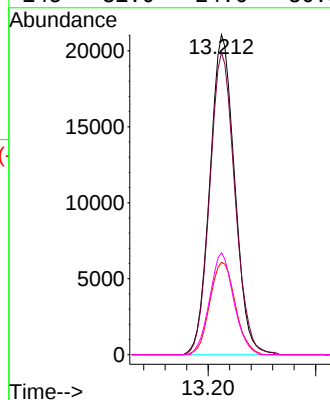


#69
 1,3,5-Trichlorobenzene
 Concen: 4.491 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

Instrument :
 MSVOA_U
 ClientSampleId :

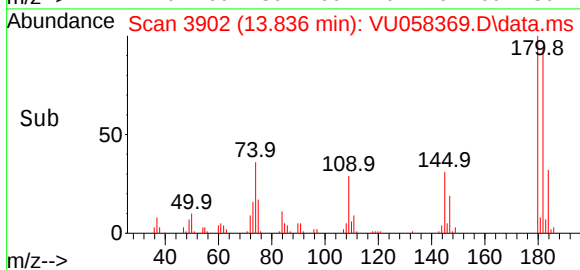
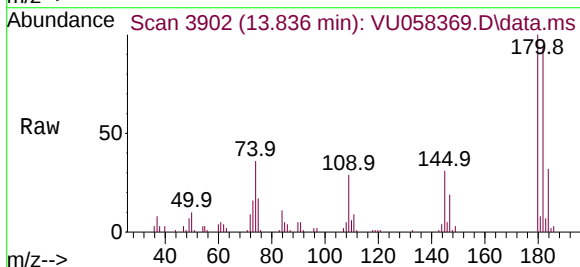
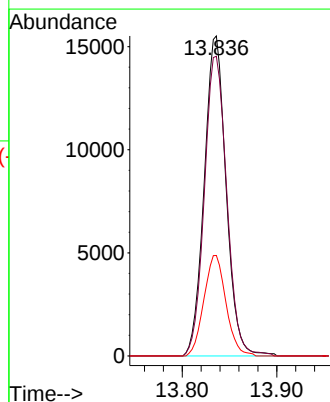


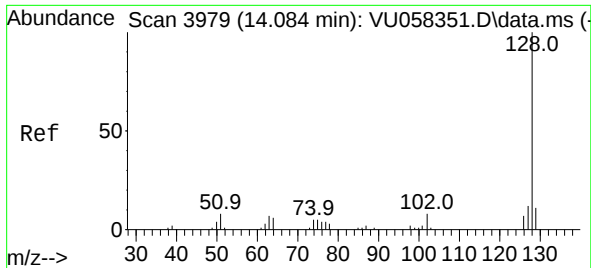
Tgt Ion:180 Resp: 33583
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.0
 184 29.8 24.8 37.2
 145 31.0 24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.473 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU058369.D
 Acq: 03 Apr 2024 17:16

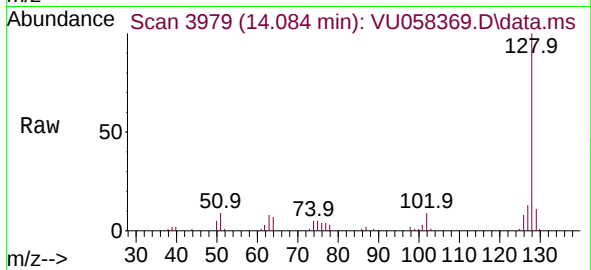
Tgt Ion:180 Resp: 24949
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.5 111.7
 145 31.7 24.5 36.7



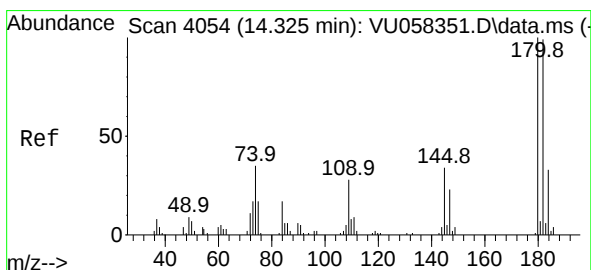
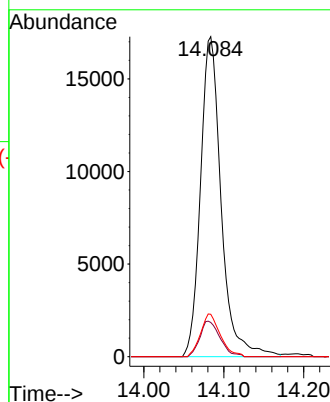
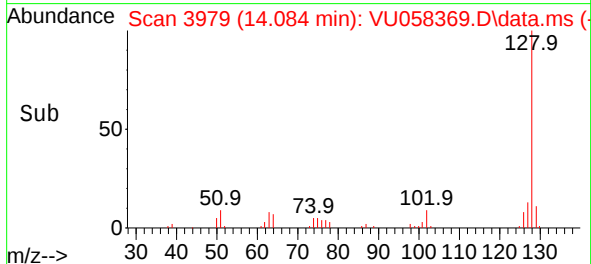


#71
Naphthalene
Concen: 4.094 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16

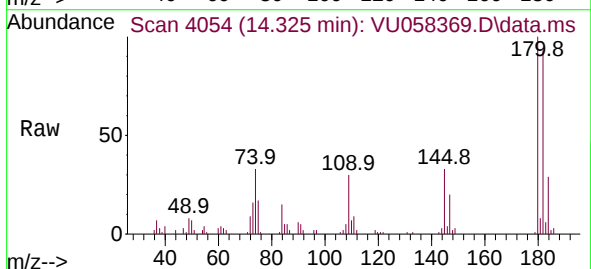
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 31095
Ion Ratio Lower Upper
128 100
129 10.9 8.1 12.1
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.653 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058369.D
Acq: 03 Apr 2024 17:16



Tgt Ion:180 Resp: 21251
Ion Ratio Lower Upper
180 100
182 93.8 74.4 111.6
145 34.1 26.3 39.5

