

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058968.D
 Acq On : 24 May 2024 14:05
 Operator : MD/SY
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	181994	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176377	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72865	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89338	46.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.820%
7) Chloroethane-d5	1.907	69	89169	55.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.480%
11) 1,1-Dichloroethene-d2	2.557	63	117907	40.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
21) 2-Butanone-d5	4.621	46	145129	109.765	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.770%
24) Chloroform-d	5.052	84	159138	48.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	104516	51.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.520%
32) Benzene-d6	5.718	84	327154	54.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.820%
36) 1,2-Dichloropropane-d6	6.682	67	110181	55.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.960%
41) Toluene-d8	7.891	98	271144	50.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.620%
43) trans-1,3-Dichloroprop...	8.174	79	43058	48.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
47) 2-Hexanone-d5	8.634	63	86621	105.453	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.450%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	160180	53.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.220%
66) 1,2-Dichlorobenzene-d4	12.190	152	87004	57.868	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.740%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	3129	2.570 ug/L	93
3) Chloromethane	1.518	50	4244	3.253 ug/L	90
5) Vinyl chloride	1.602	62	4228	2.775 ug/L #	72
6) Bromomethane	1.853	94	2340	2.591 ug/L	77
8) Chloroethane	1.927	64	3911	3.743 ug/L	98
9) Trichlorofluoromethane	2.123	101	5778	2.788 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	4411	3.131 ug/L	89
12) 1,1-Dichloroethene	2.563	96	3687	3.270 ug/L #	1
13) Acetone	2.647	43	6265	5.374 ug/L	96
14) Carbon disulfide	2.785	76	5858	2.762 ug/L #	93
15) Methyl Acetate	2.949	43	2675	1.424 ug/L #	58
16) Methylene chloride	3.036	84	5527	3.073 ug/L	97
17) trans-1,2-Dichloroethene	3.348	96	2501	2.208 ug/L	97
18) Methyl tert-butyl Ether	3.358	73	11677	2.605 ug/L	97
19) 1,1-Dichloroethane	3.859	63	8274	2.868 ug/L	93
20) cis-1,2-Dichloroethene	4.657	96	3845	2.565 ug/L	91
23) Bromochloromethane	4.968	128	1047	1.340 ug/L	88
27) 1,2-Dichloroethane	5.792	62	5554	2.389 ug/L	97
29) Cyclohexane	5.380	56	4038	2.690 ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058968.D
 Acq On : 24 May 2024 14:05
 Operator : MD/SY
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

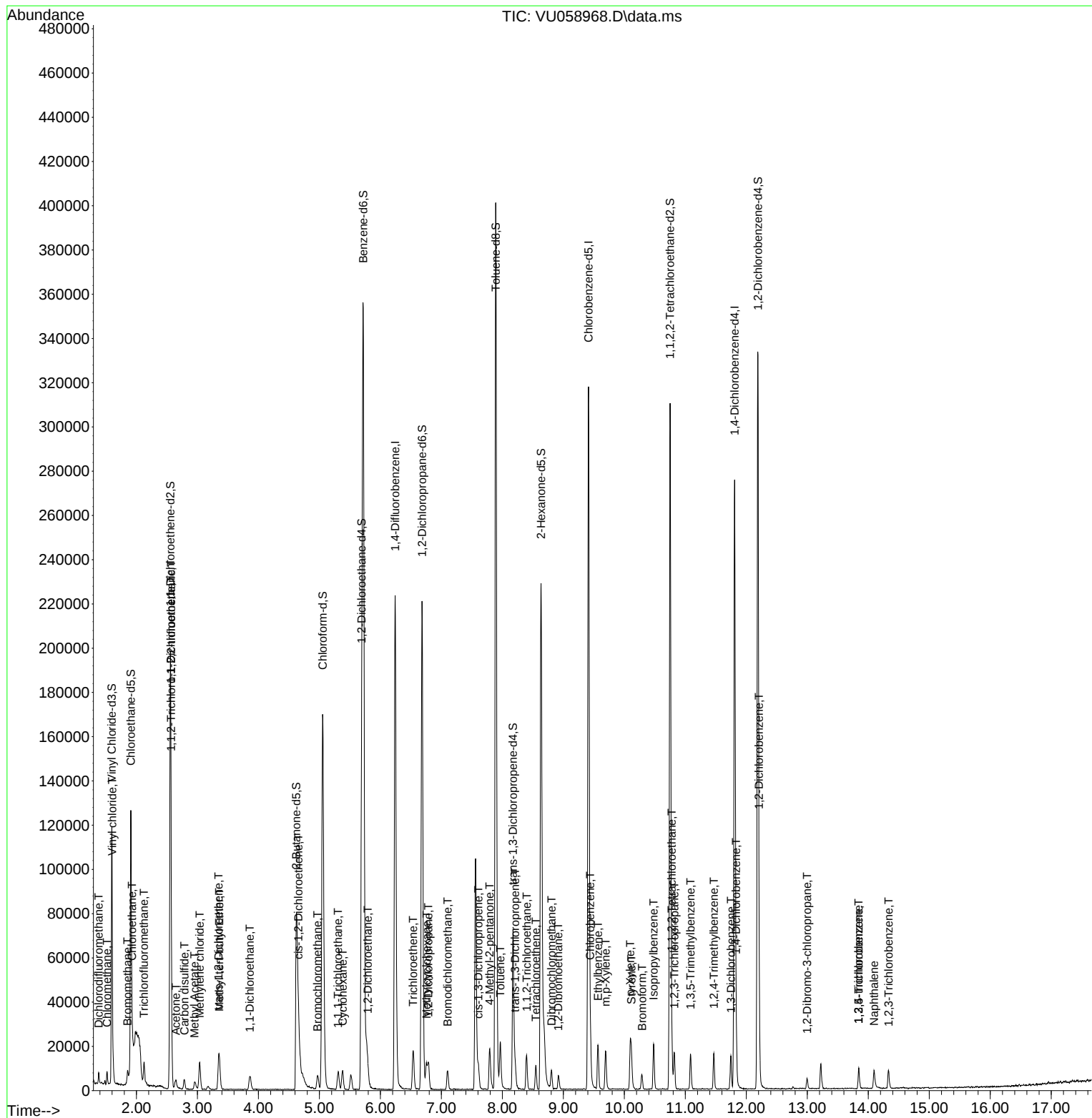
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.306	97	5995	2.832	ug/L	97
34) Trichloroethene	6.538	95	6035	4.288	ug/L	92
35) Methylcyclohexane	6.756	83	4240	2.570	ug/L	94
37) 1,2-Dichloropropane	6.785	63	5090	2.954	ug/L #	95
38) Bromodichloromethane	7.103	83	6371	2.975	ug/L	91
39) cis-1,3-Dichloropropene	7.605	75	6649	2.801	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	13916	5.665	ug/L	96
42) Toluene	7.965	91	14486	2.549	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	6228	2.772	ug/L	86
45) 1,1,2-Trichloroethane	8.399	97	5097	2.996	ug/L	96
46) Tetrachloroethene	8.550	164	2311	2.463	ug/L	95
49) Dibromochloromethane	8.804	129	4118	2.533	ug/L	99
50) 1,2-Dibromoethane	8.917	107	4632	2.849	ug/L #	94
51) Chlorobenzene	9.441	112	9728	2.589	ug/L #	84
52) Ethylbenzene	9.566	91	14631	2.379	ug/L	99
53) m,p-Xylene	9.692	106	5153	2.332	ug/L	94
54) o-Xylene	10.097	106	5520	2.496	ug/L	68
55) Styrene	10.116	104	8380	2.121	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	10050	3.278	ug/L	98
59) Bromoform	10.290	173	3170	3.282	ug/L #	88
60) 1,2,3-Trichloropropane	10.820	75	6958	3.752	ug/L	95
61) Isopropylbenzene	10.479	105	13463	2.893	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	9232	2.518	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	9006	2.436	ug/L	98
64) 1,3-Dichlorobenzene	11.750	146	6347	2.627	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	6481	2.656	ug/L	89
67) 1,2-Dichlorobenzene	12.206	146	7762	3.159	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	1499	2.988	ug/L	88
69) 1,3,5-Trichlorobenzene	13.843	180	3462	2.035	ug/L	91
70) 1,2,4-trichlorobenzene	13.843	180	3462	2.362	ug/L	87
71) Naphthalene	14.093	128	8559	2.002	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.331	180	3145	2.095	ug/L	98

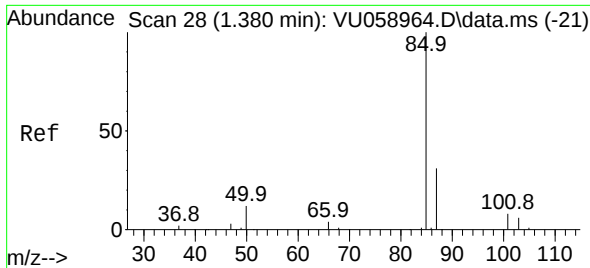
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
Data File : VU058968.D
Acq On : 24 May 2024 14:05
Operator : MD/SY
Sample : P2409-05
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

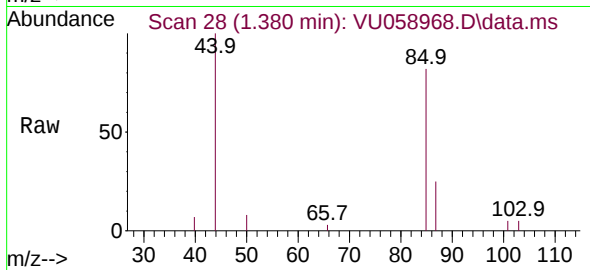
Quant Time: May 24 22:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 22:25:41 2024
Response via : Initial Calibration



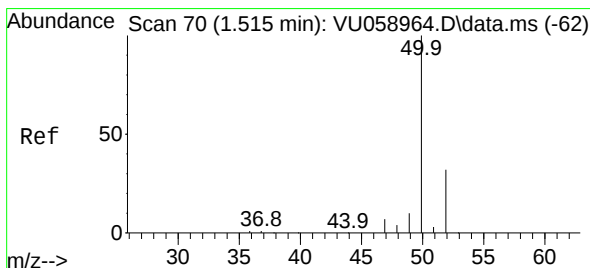
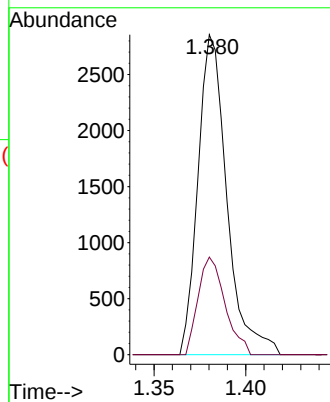
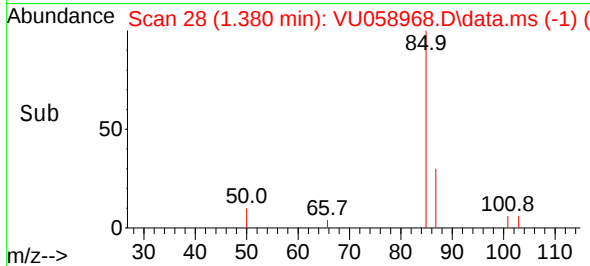


#2
 Dichlorodifluoromethane
 Concen: 2.570 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

Instrument :
 MSVOA_U
 ClientSampleId :

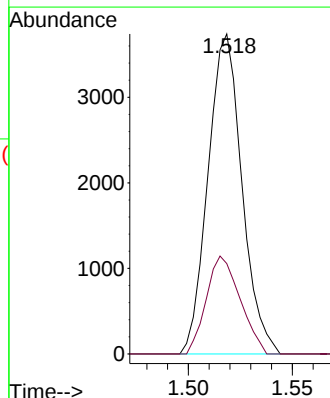
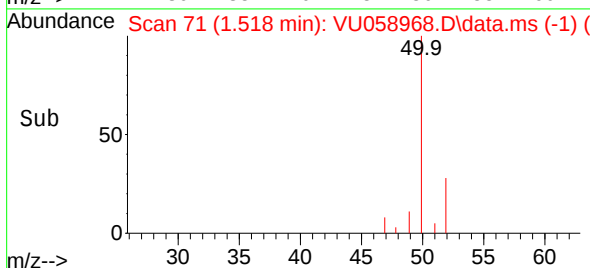
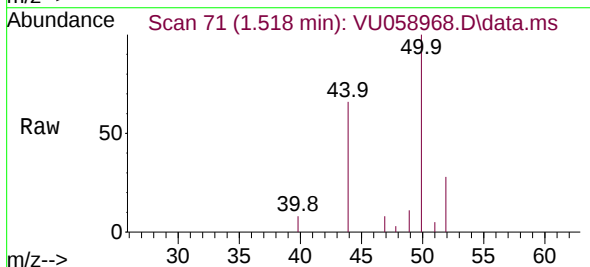


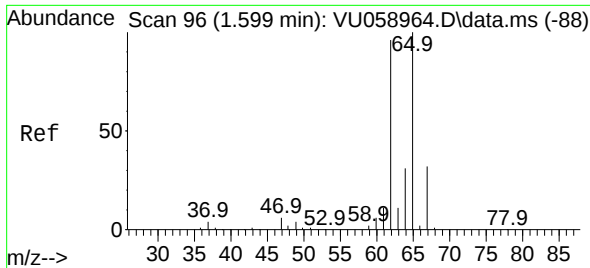
Tgt Ion: 85 Resp: 3129
 Ion Ratio Lower Upper
 85 100
 87 28.4 25.7 38.5



#3
 Chloromethane
 Concen: 3.253 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

Tgt Ion: 50 Resp: 4244
 Ion Ratio Lower Upper
 50 100
 52 28.2 23.9 44.3

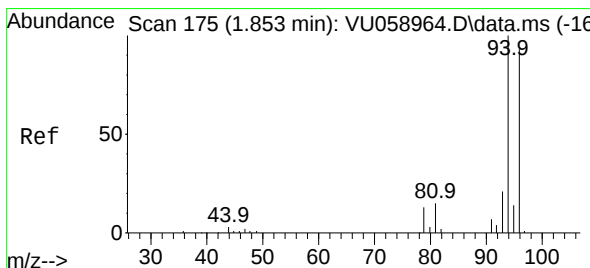
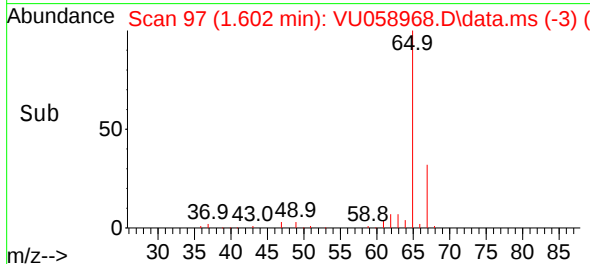
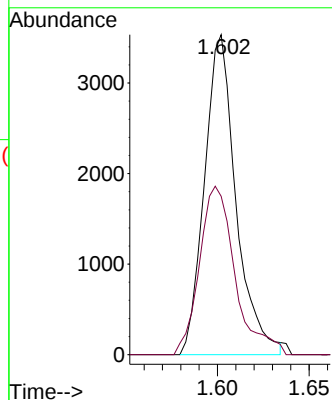
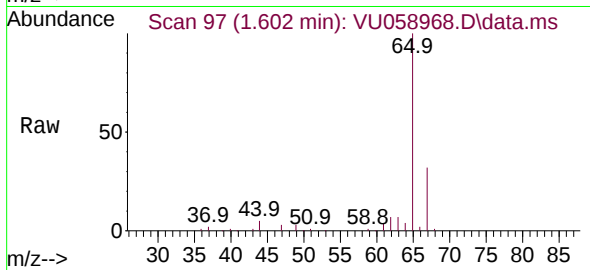




#5
 Vinyl chloride
 Concen: 2.775 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

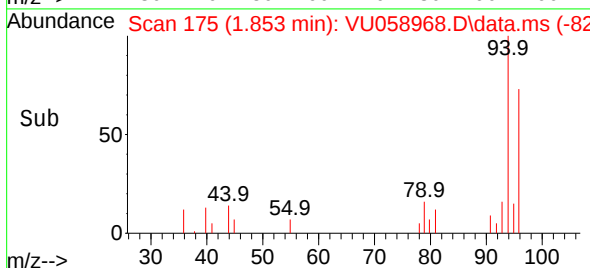
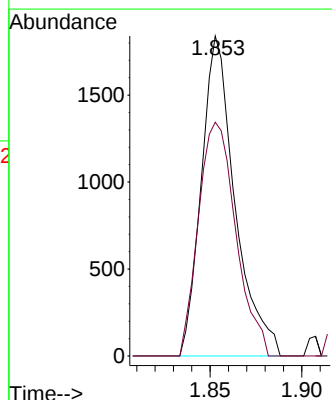
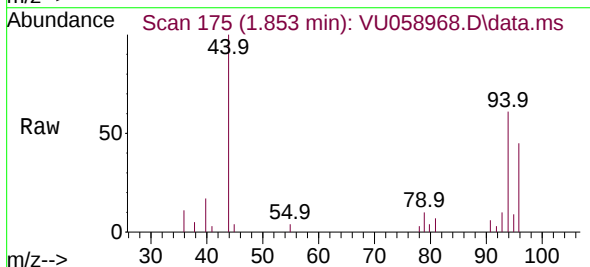
Instrument :
 MSVOA_U
 ClientSampleId :

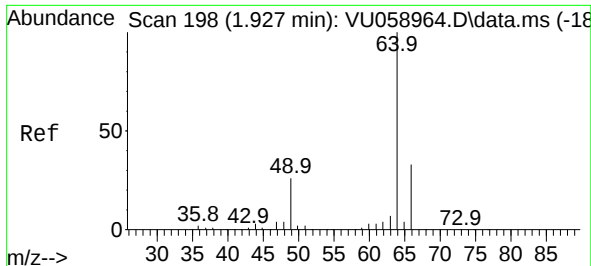
Tgt Ion: 62 Resp: 4228
 Ion Ratio Lower Upper
 62 100
 64 49.5 23.7 43.9#



#6
 Bromomethane
 Concen: 2.591 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

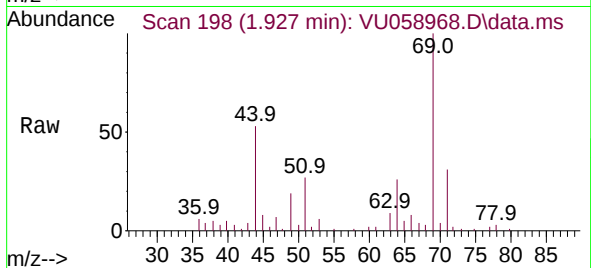
Tgt Ion: 94 Resp: 2340
 Ion Ratio Lower Upper
 94 100
 96 73.0 66.6 123.6



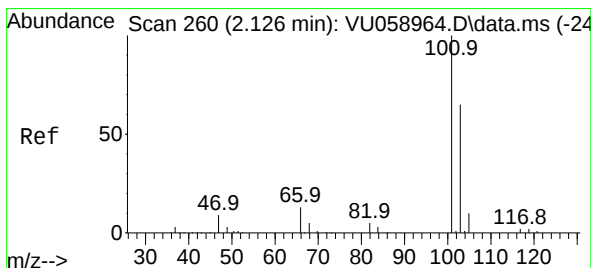
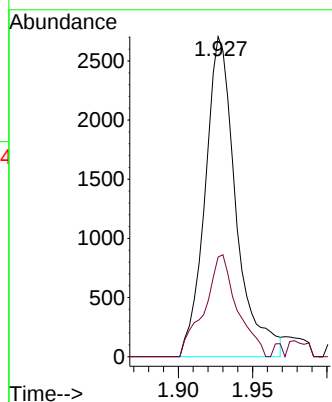
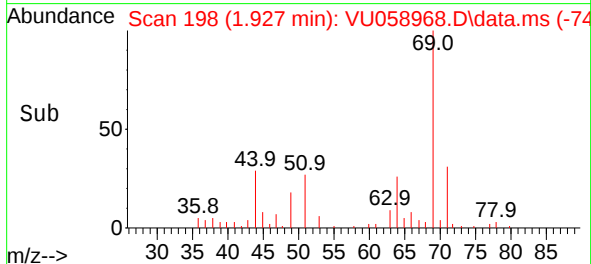


#8
Chloroethane
Concen: 3.743 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Instrument :
MSVOA_U
ClientSampleId :

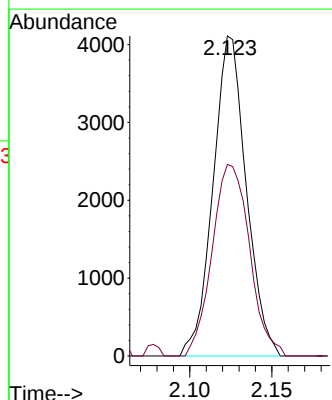
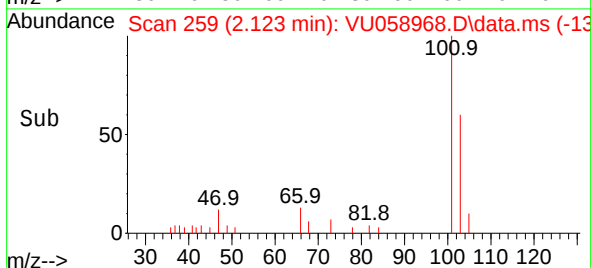
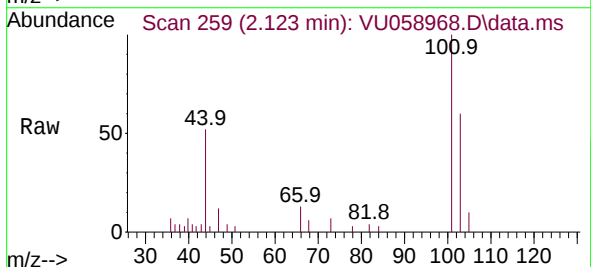


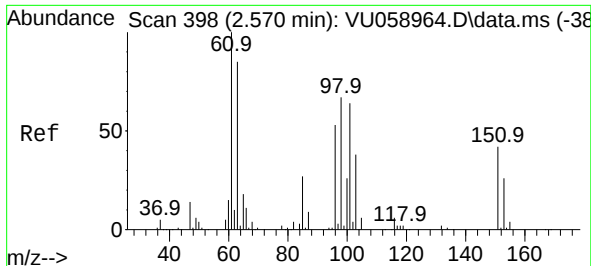
Tgt Ion: 64 Resp: 3911
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.788 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion:101 Resp: 5778
Ion Ratio Lower Upper
101 100
103 67.4 51.6 77.4

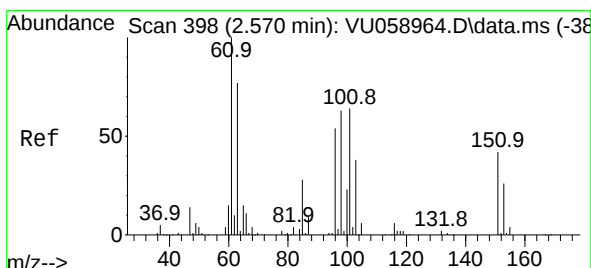
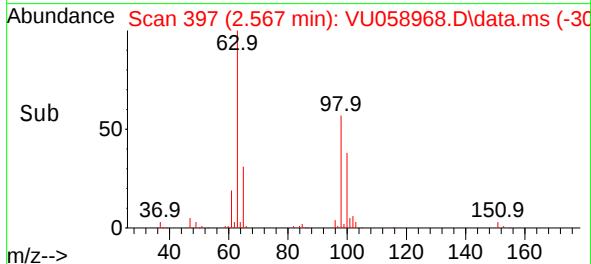
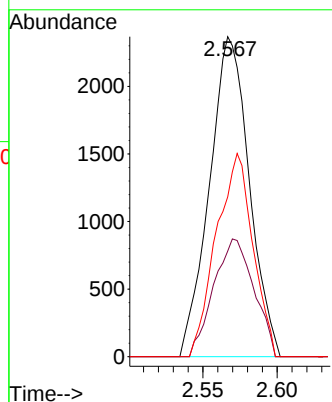
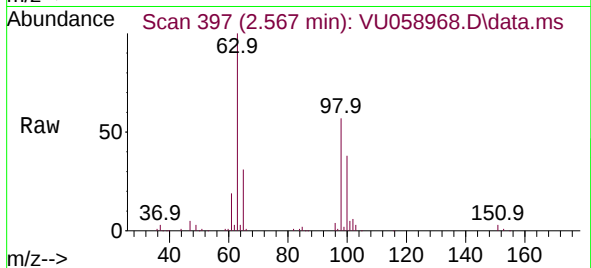




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.131 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

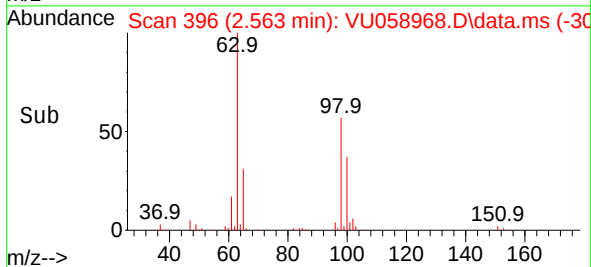
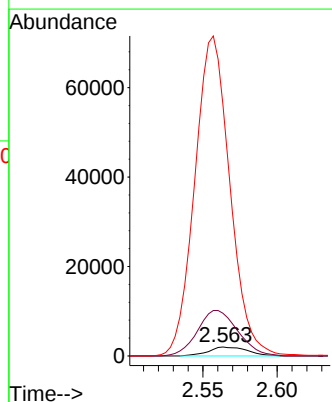
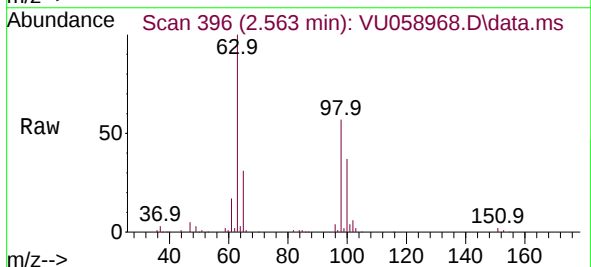
Instrument :
MSVOA_U
ClientSampleId :

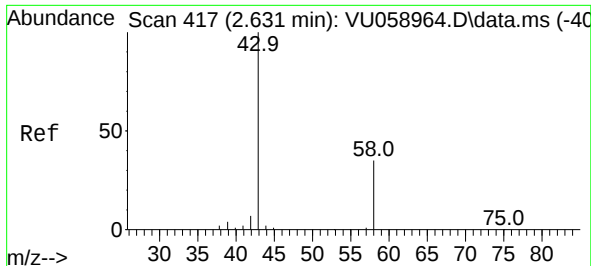
Tgt Ion:101 Resp: 4411
Ion Ratio Lower Upper
101 100
85 37.2 34.9 52.3
151 58.3 54.5 81.7



#12
1,1-Dichloroethene
Concen: 3.270 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion: 96 Resp: 3687
Ion Ratio Lower Upper
96 100
61 477.7 122.2 227.0#
63 2809.6 102.8 190.8#





#13

Acetone

Concen: 5.374 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

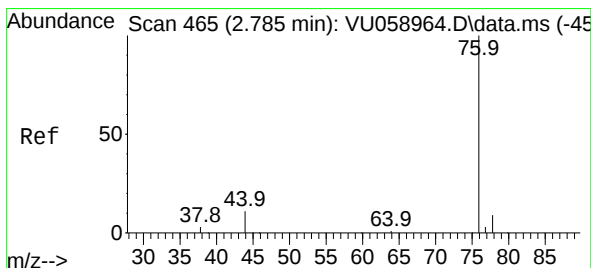
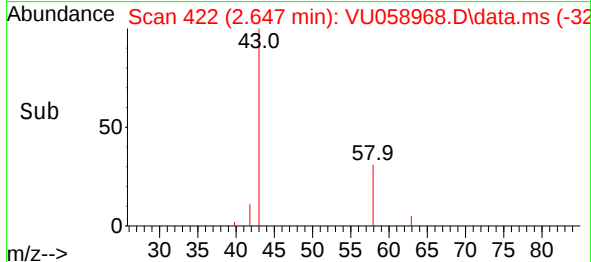
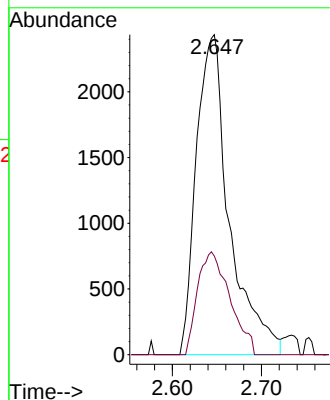
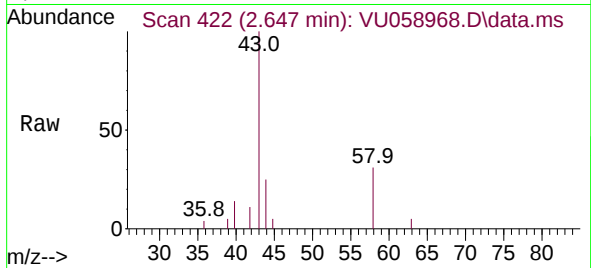
ClientSampleId :

Tgt Ion: 43 Resp: 6265

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.2



#14

Carbon disulfide

Concen: 2.762 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058968.D

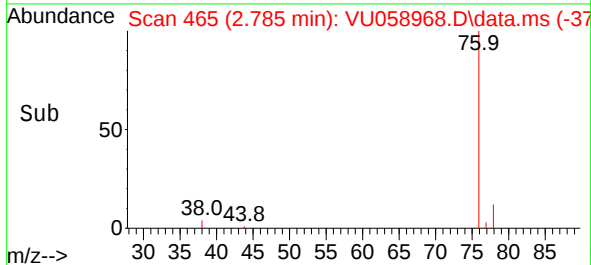
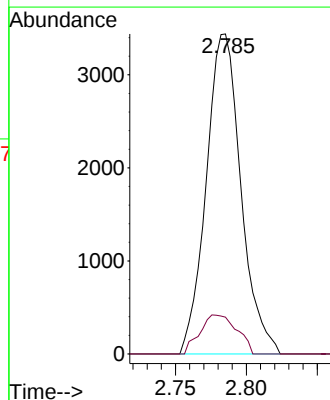
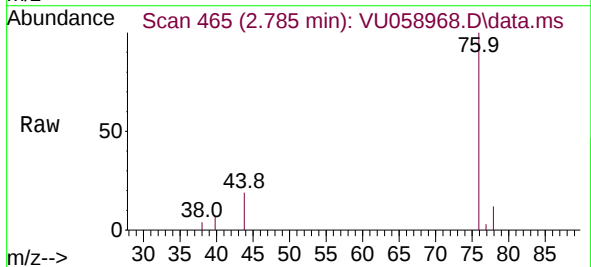
Acq: 24 May 2024 14:05

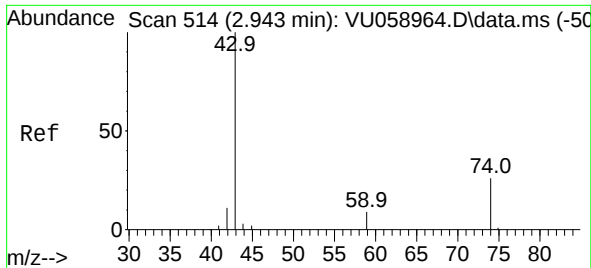
Tgt Ion: 76 Resp: 5858

Ion Ratio Lower Upper

76 100

78 11.5 7.1 10.7#





#15

Methyl Acetate

Concen: 1.424 ug/L

RT: 2.949 min Scan# 514

Delta R.T. 0.006 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

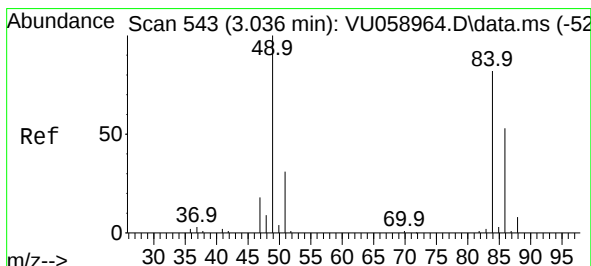
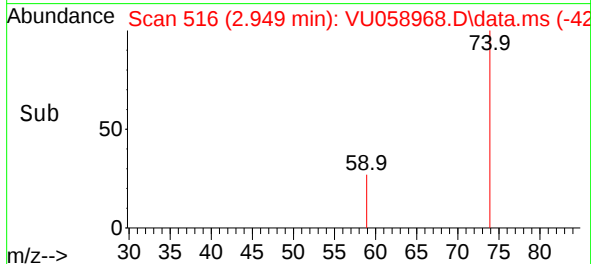
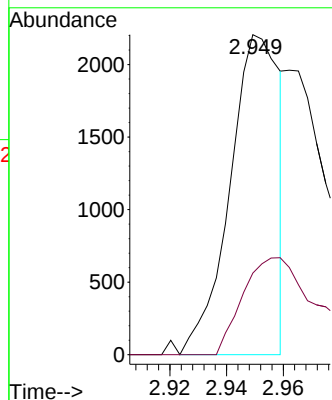
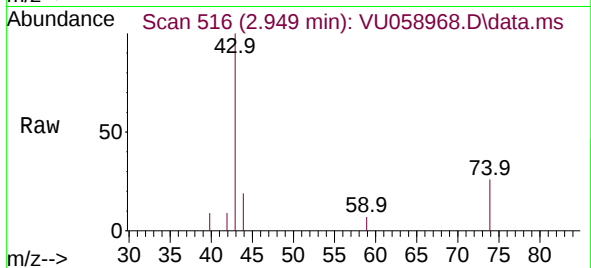
ClientSampleId :

Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

74 45.8 19.8 29.8#



#16

Methylene chloride

Concen: 3.073 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

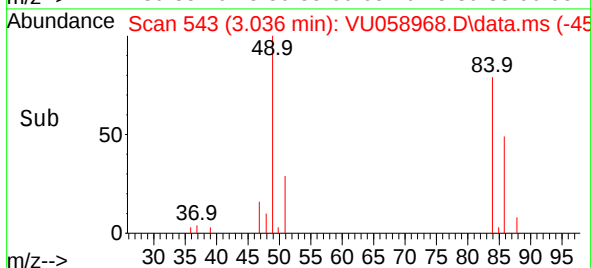
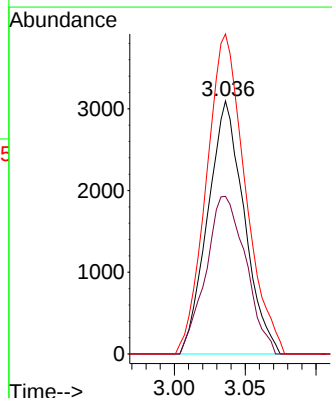
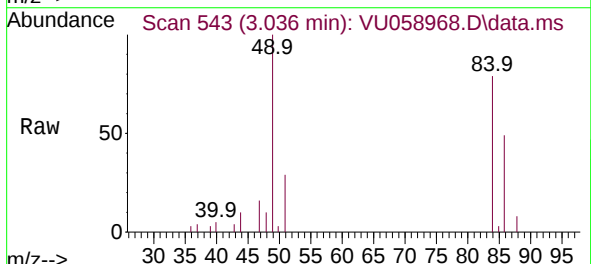
Tgt Ion: 84 Resp: 5527

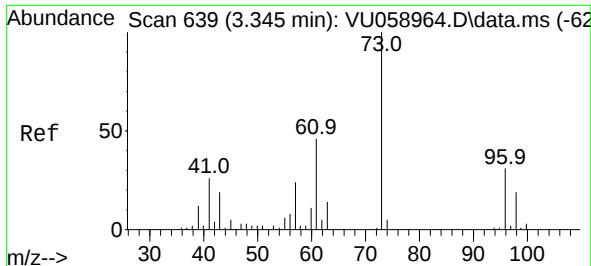
Ion Ratio Lower Upper

84 100

86 62.3 44.9 83.5

49 126.5 85.4 158.6

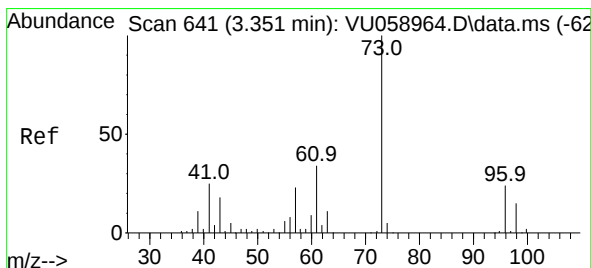
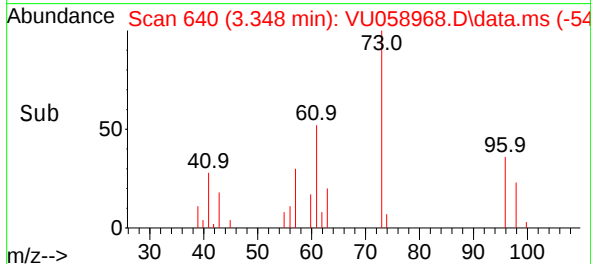
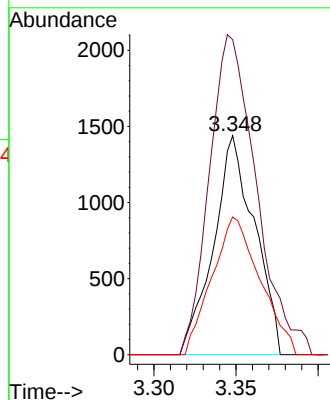
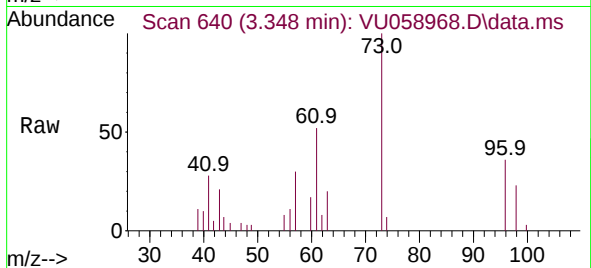




#17
trans-1,2-Dichloroethene
Concen: 2.208 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

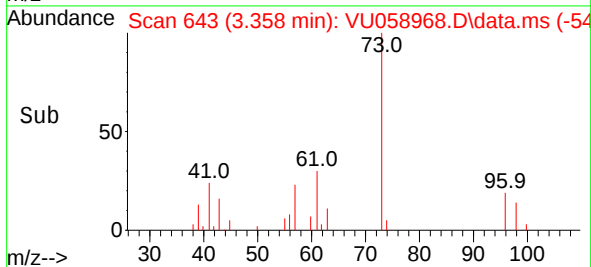
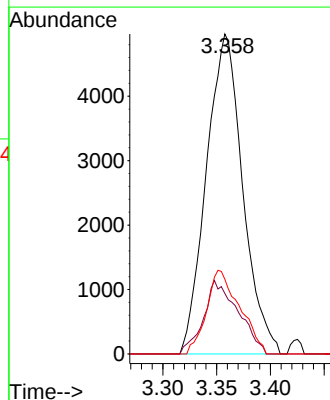
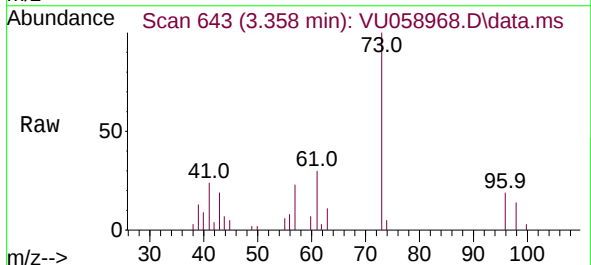
Instrument :
MSVOA_U
ClientSampleId :

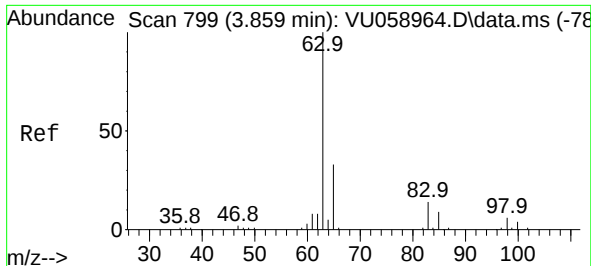
Tgt Ion: 96 Resp: 2501
Ion Ratio Lower Upper
96 100
61 143.8 103.5 192.1
98 62.8 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 2.605 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

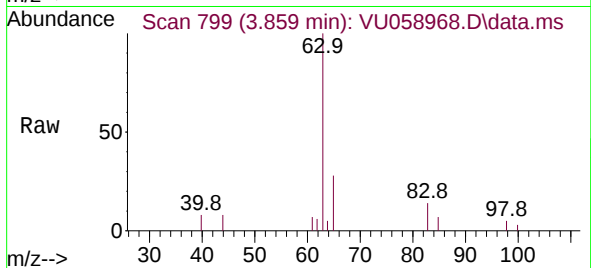
Tgt Ion: 73 Resp: 11677
Ion Ratio Lower Upper
73 100
43 21.9 15.4 23.2
57 23.7 18.6 27.8



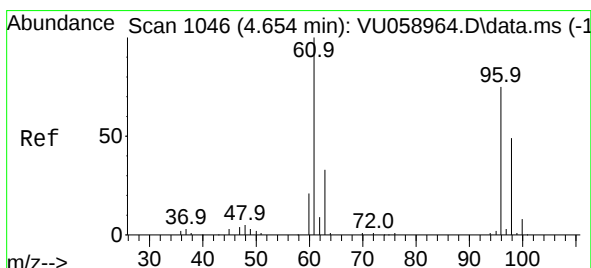
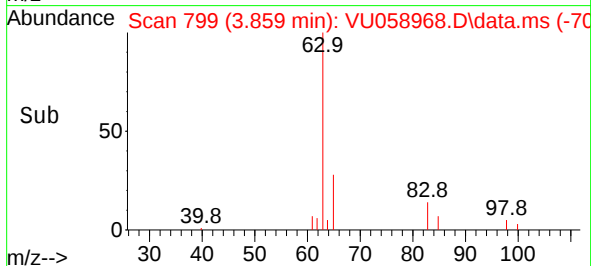
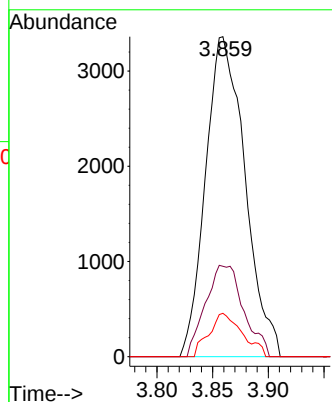


#19
1,1-Dichloroethane
Concen: 2.868 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Instrument :
MSVOA_U
ClientSampleId :

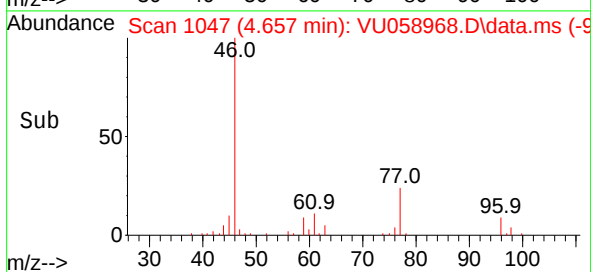
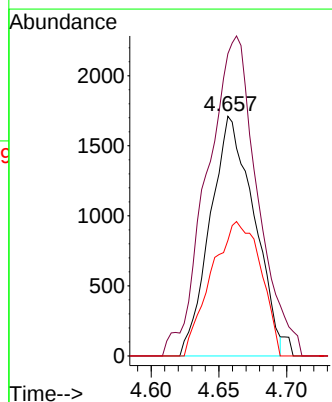
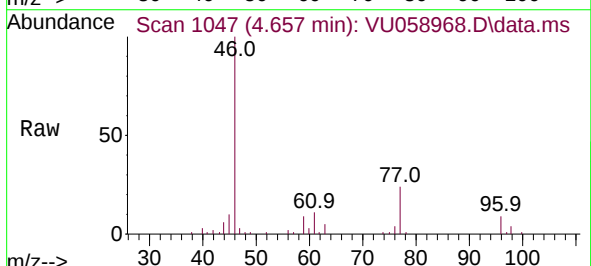


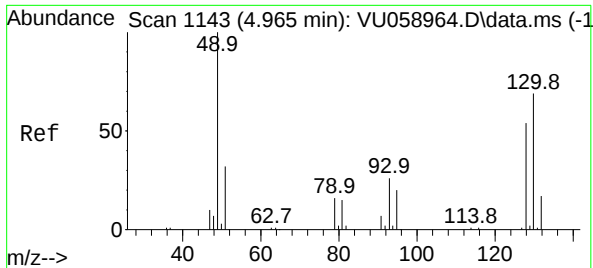
Tgt Ion: 63 Resp: 8274
Ion Ratio Lower Upper
63 100
65 27.0 22.3 41.3
83 12.9 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 2.565 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

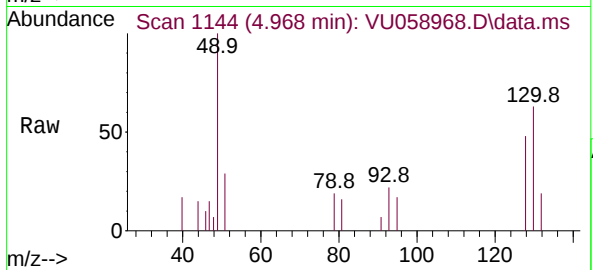
Tgt Ion: 96 Resp: 3845
Ion Ratio Lower Upper
96 100
61 126.1 91.1 169.3
98 48.2 44.4 82.4



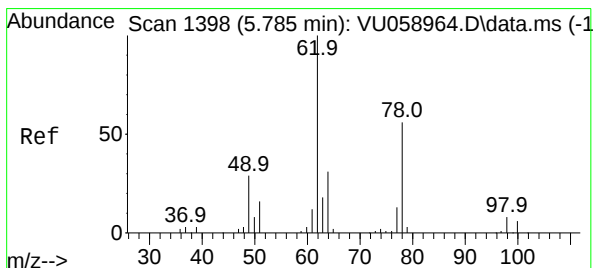
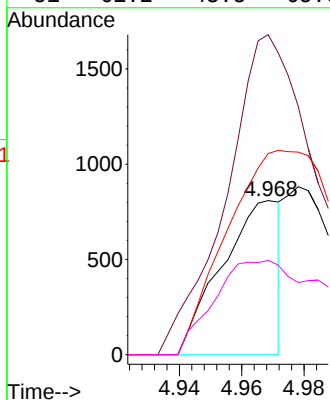
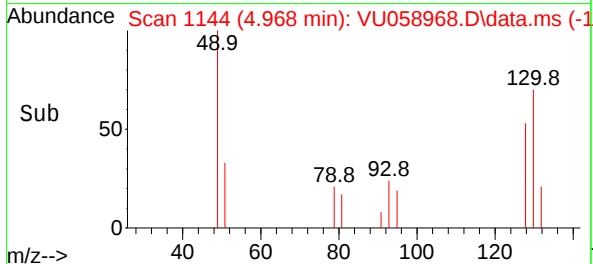


#23
Bromochloromethane
Concen: 1.340 ug/L
RT: 4.968 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Instrument :
MSVOA_U
ClientSampleId :

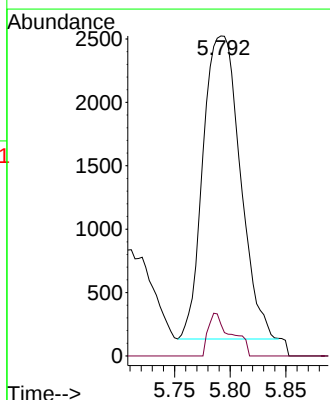
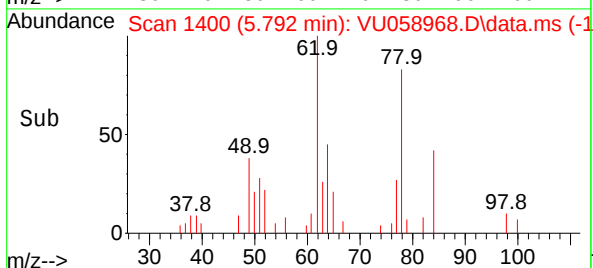
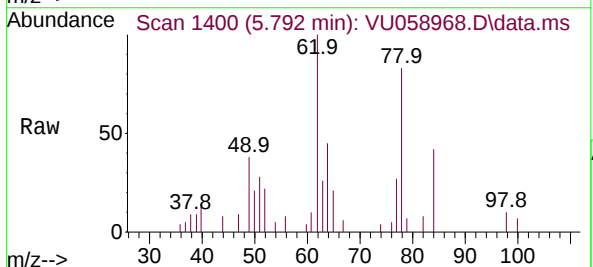


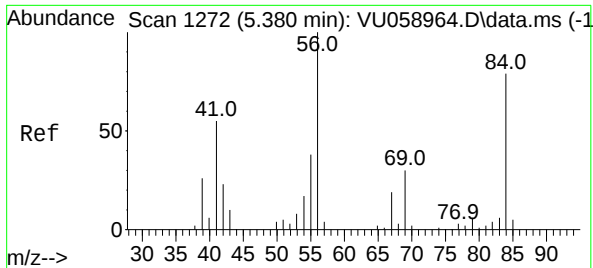
Tgt Ion:128 Resp: 1047
Ion Ratio Lower Upper
128 100
49 207.7 123.8 229.8
130 130.5 90.6 168.2
51 61.2 43.8 65.6



#27
1,2-Dichloroethane
Concen: 2.389 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion: 62 Resp: 5554
Ion Ratio Lower Upper
62 100
98 9.9 7.0 10.4

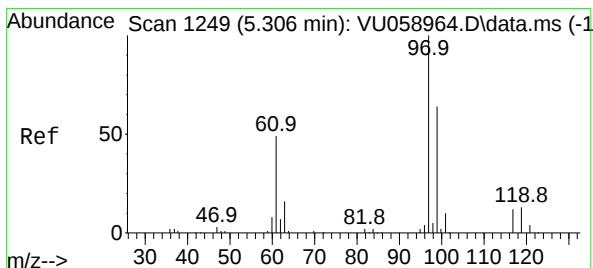
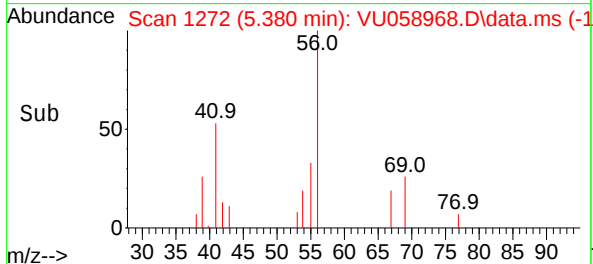
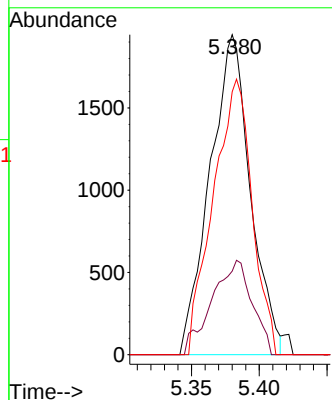
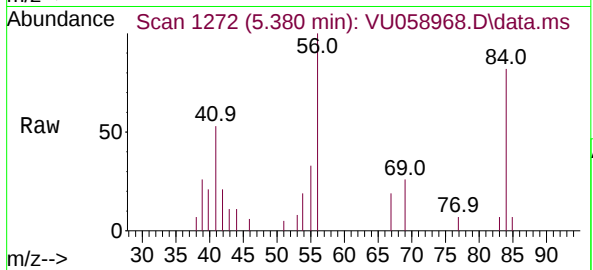




#29
Cyclohexane
Concen: 2.690 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

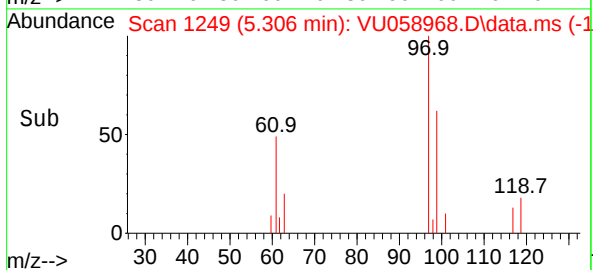
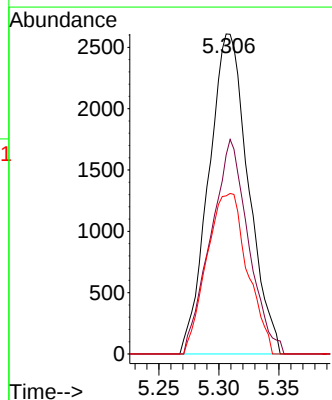
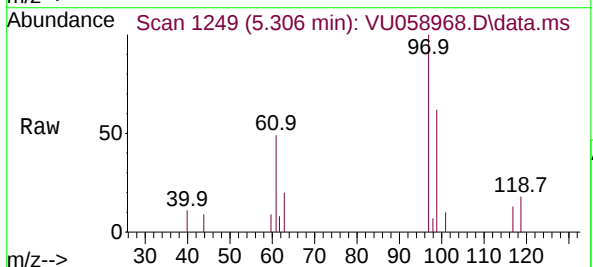
Instrument :
MSVOA_U
ClientSampleId :

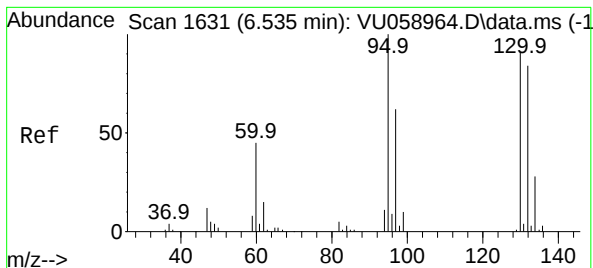
Tgt Ion: 56 Resp: 4038
Ion Ratio Lower Upper
56 100
69 27.3 24.3 36.5
84 82.5 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 2.832 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion: 97 Resp: 5995
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 51.5 38.9 58.3





#34

Trichloroethene

Concen: 4.288 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6035

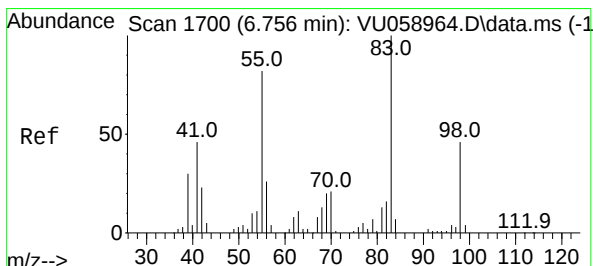
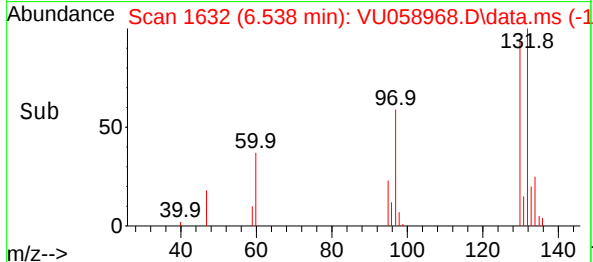
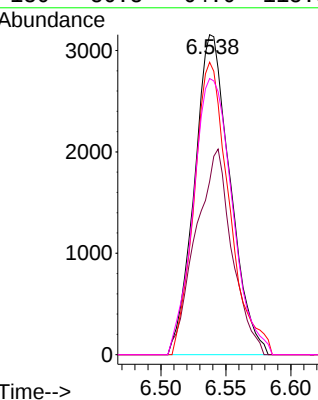
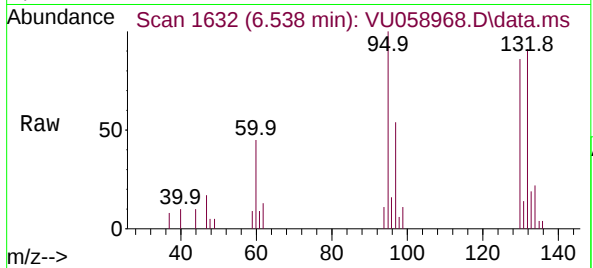
Ion Ratio Lower Upper

95 100

97 54.2 45.9 85.3

132 91.4 60.5 112.5

130 86.3 64.0 118.8



#35

Methylcyclohexane

Concen: 2.570 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

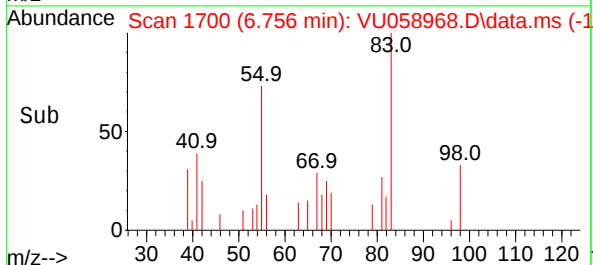
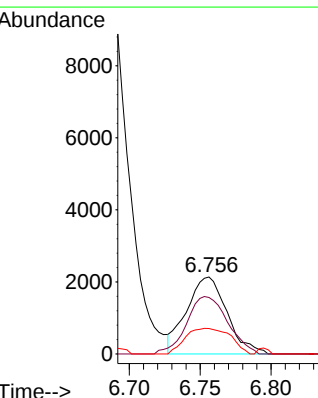
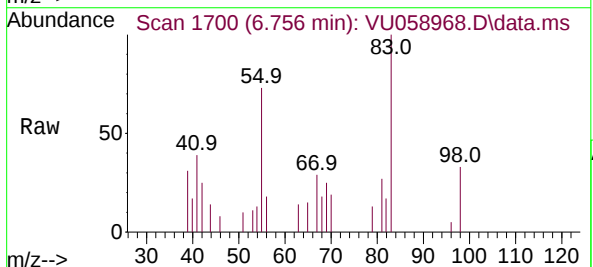
Tgt Ion: 83 Resp: 4240

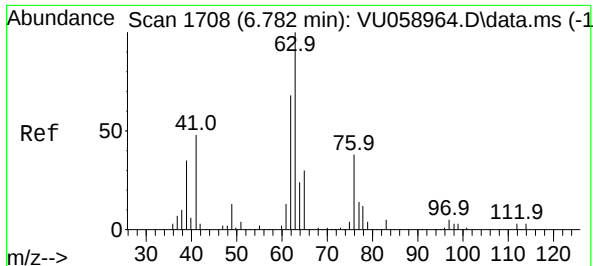
Ion Ratio Lower Upper

83 100

55 75.6 61.5 92.3

98 37.0 36.2 54.2





#37

1,2-Dichloropropane

Concen: 2.954 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

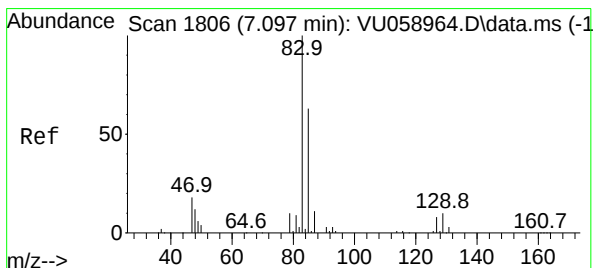
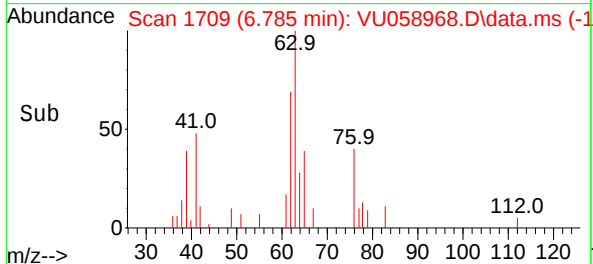
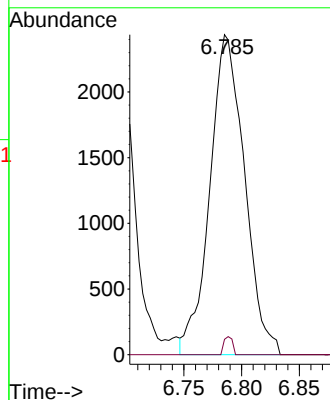
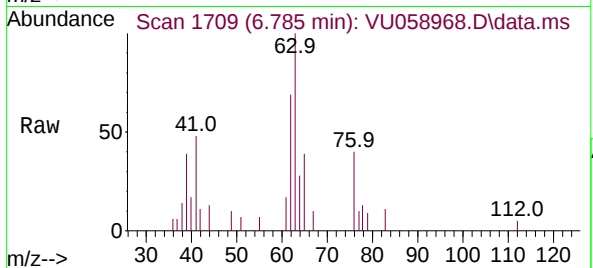
ClientSampleId :

Tgt Ion: 63 Resp: 5090

Ion Ratio Lower Upper

63 100

112 1.4 2.5 3.7#



#38

Bromodichloromethane

Concen: 2.975 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

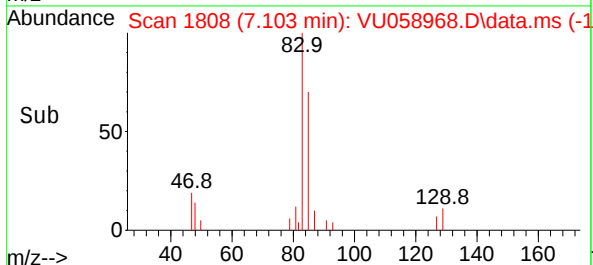
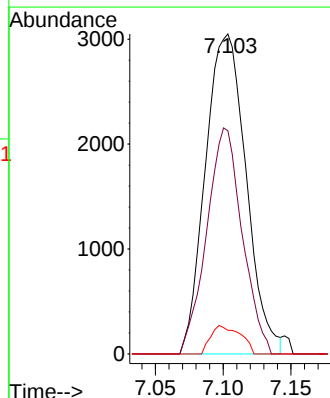
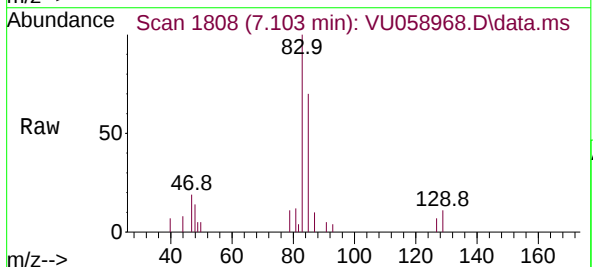
Tgt Ion: 83 Resp: 6371

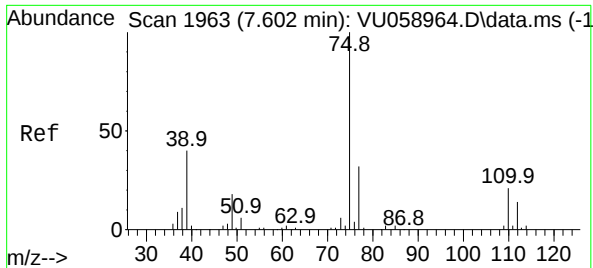
Ion Ratio Lower Upper

83 100

85 69.7 43.5 80.9

127 7.4 5.8 8.6

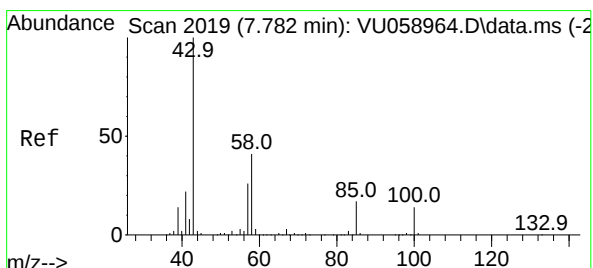
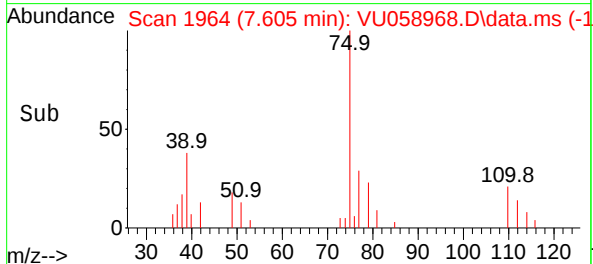
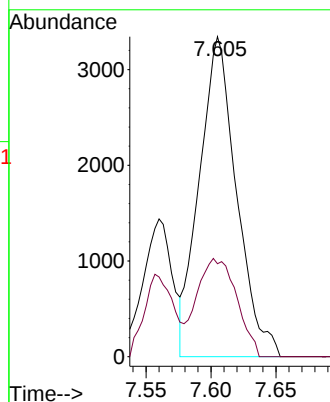
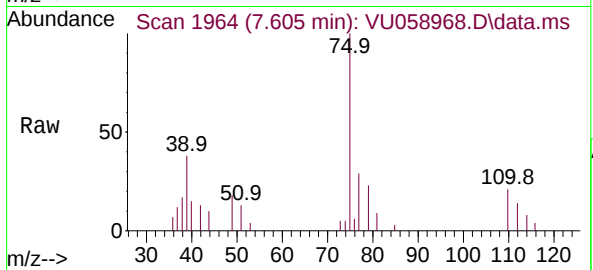




#39
 cis-1,3-Dichloropropene
 Concen: 2.801 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

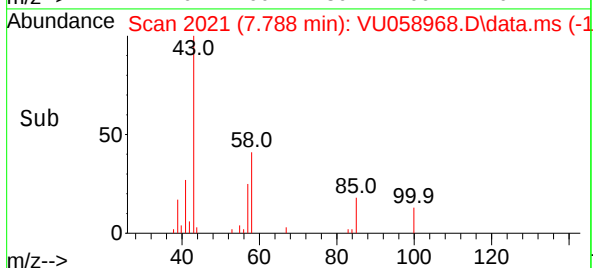
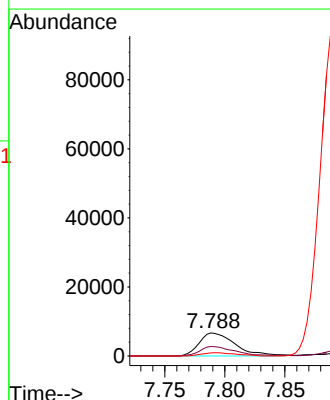
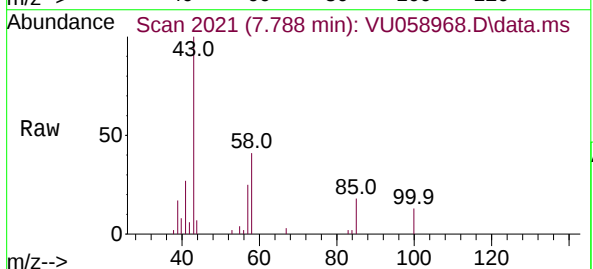
Instrument :
 MSVOA_U
 ClientSampleId :

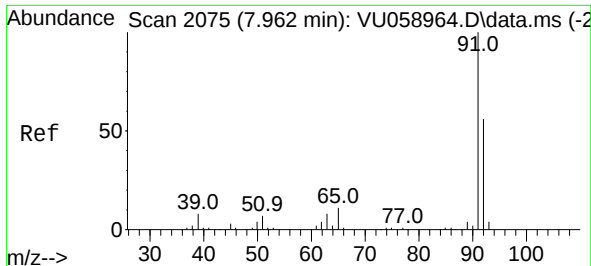
Tgt Ion: 75 Resp: 6649
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 5.665 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

Tgt Ion: 43 Resp: 13916
 Ion Ratio Lower Upper
 43 100
 58 39.6 33.5 50.3
 100 13.4 11.8 17.8





#42

Toluene

Concen: 2.549 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

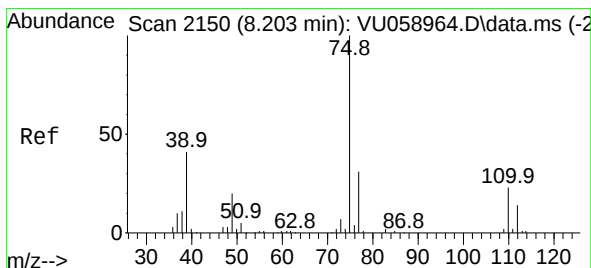
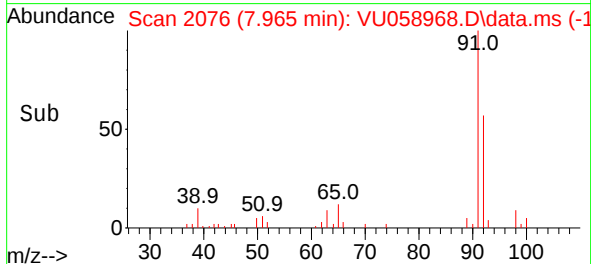
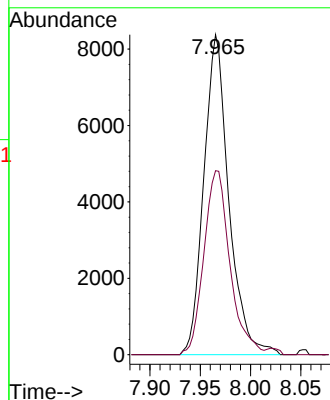
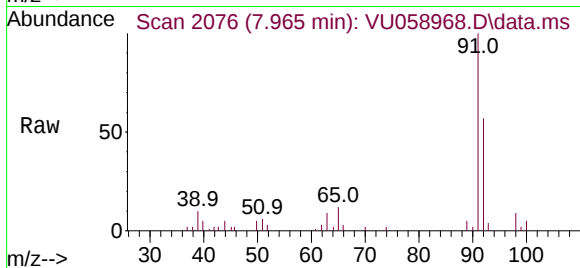
ClientSampleId :

Tgt Ion: 91 Resp: 14486

Ion Ratio Lower Upper

91 100

92 57.5 38.7 71.9



#44

trans-1,3-Dichloropropene

Concen: 2.772 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058968.D

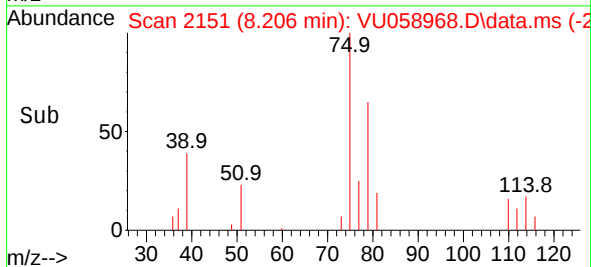
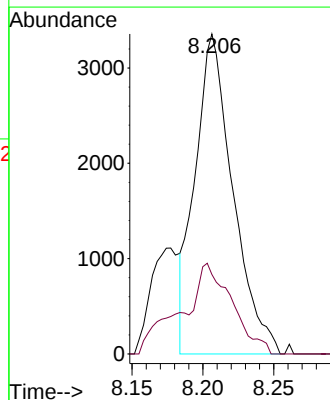
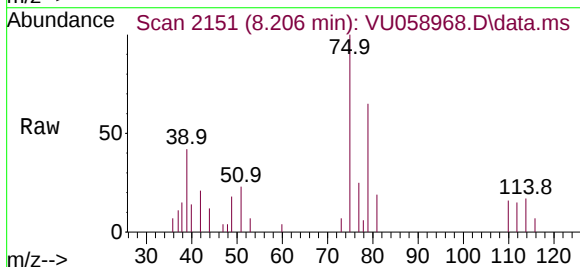
Acq: 24 May 2024 14:05

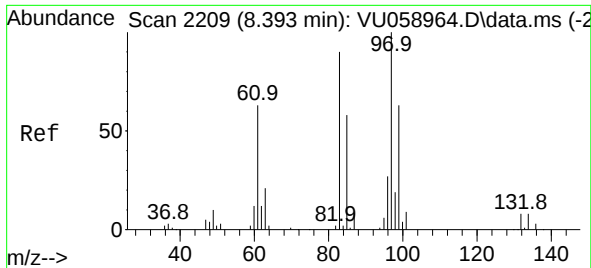
Tgt Ion: 75 Resp: 6228

Ion Ratio Lower Upper

75 100

77 24.8 23.0 42.8

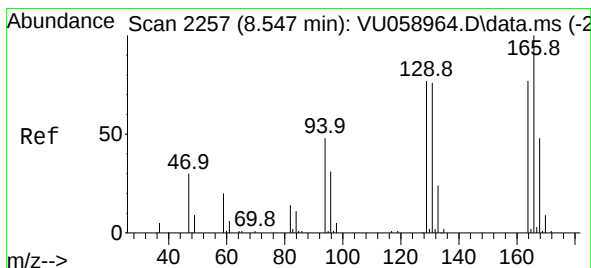
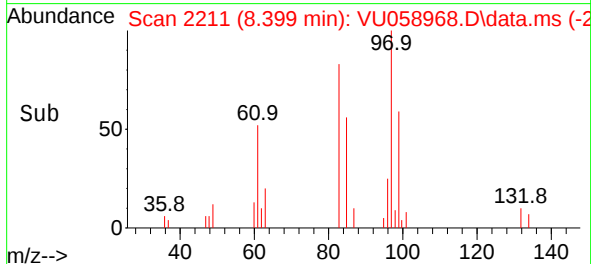
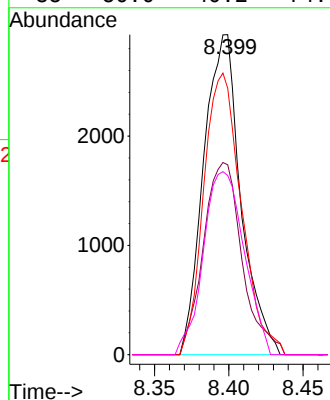
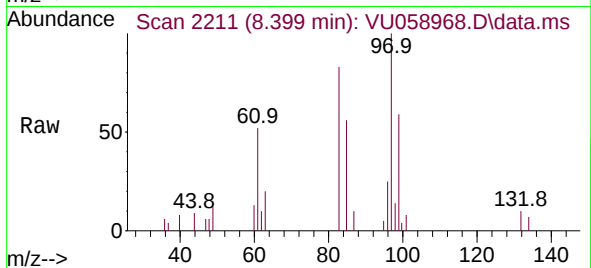




#45
1,1,2-Trichloroethane
Concen: 2.996 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

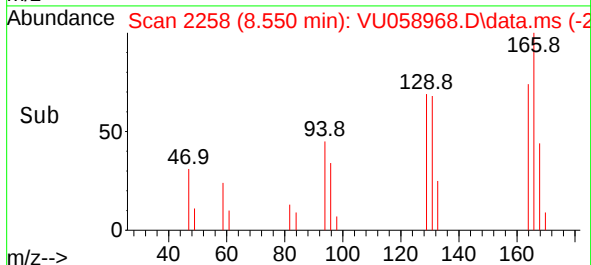
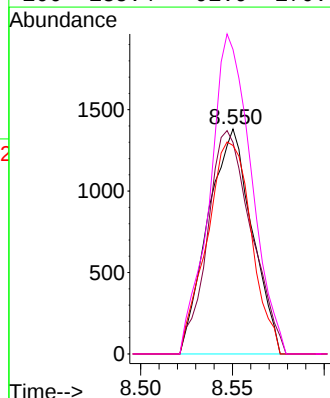
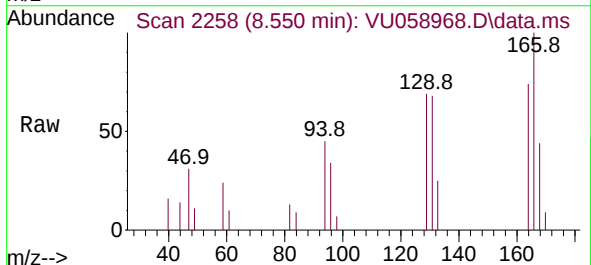
Instrument :
MSVOA_U
ClientSampleId :

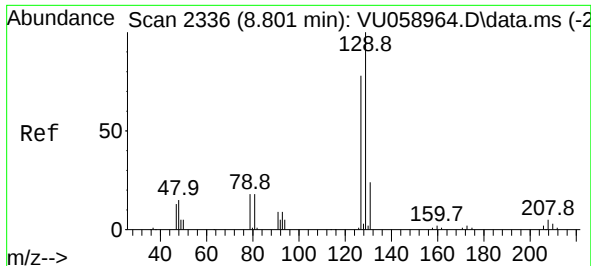
Tgt Ion:	97	Resp:	5097
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.6	79.2
83	83.2	62.2	115.6
85	56.0	40.2	74.6



#46
Tetrachloroethene
Concen: 2.463 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion:	164	Resp:	2311
Ion	Ratio	Lower	Upper
164	100		
129	94.1	70.6	131.0
131	92.7	69.2	128.6
166	135.4	91.9	170.7





#49

Dibromochloromethane

Concen: 2.533 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

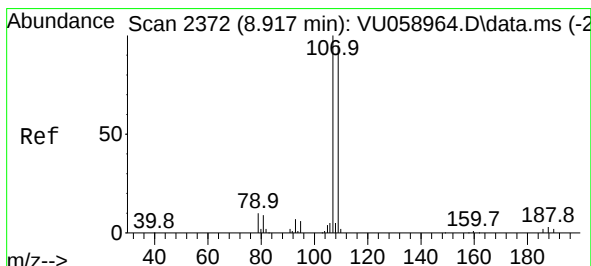
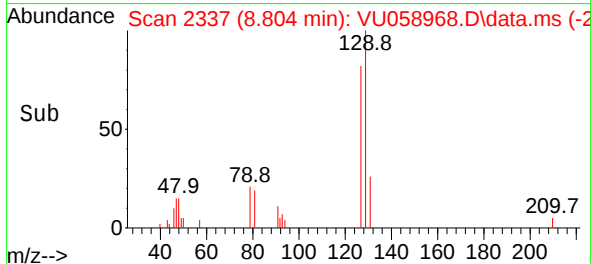
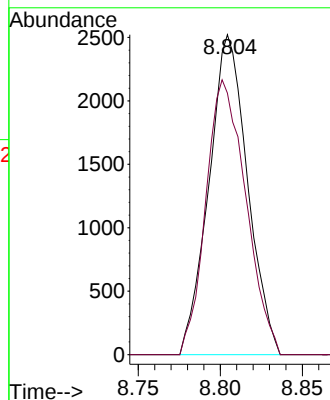
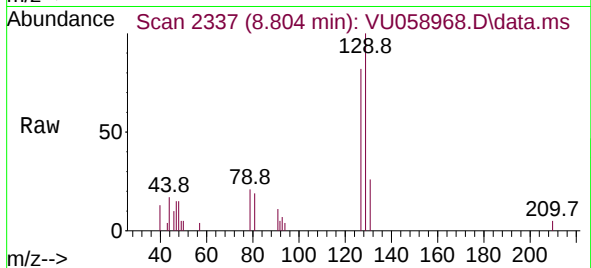
ClientSampleId :

Tgt Ion:129 Resp: 4118

Ion Ratio Lower Upper

129 100

127 81.8 56.8 105.4



#50

1,2-Dibromoethane

Concen: 2.849 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

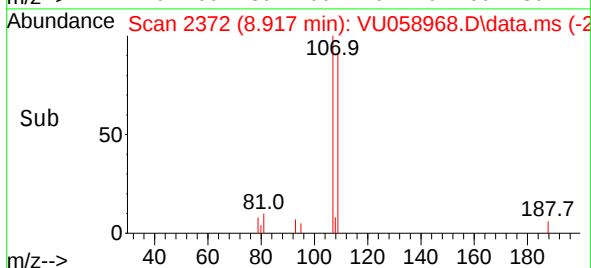
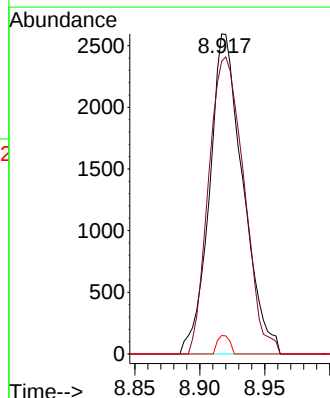
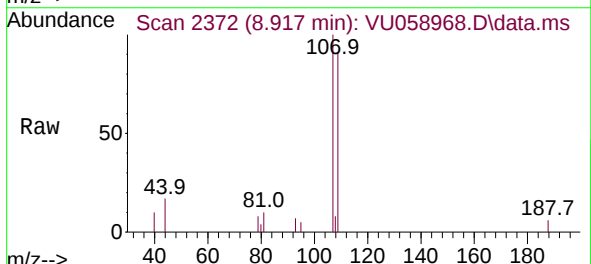
Tgt Ion:107 Resp: 4632

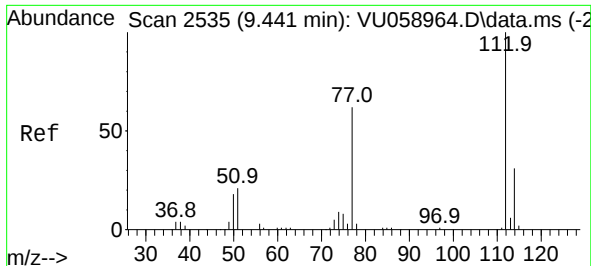
Ion Ratio Lower Upper

107 100

109 91.4 68.0 126.2

188 5.7 2.6 3.8#





#51

Chlorobenzene

Concen: 2.589 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :

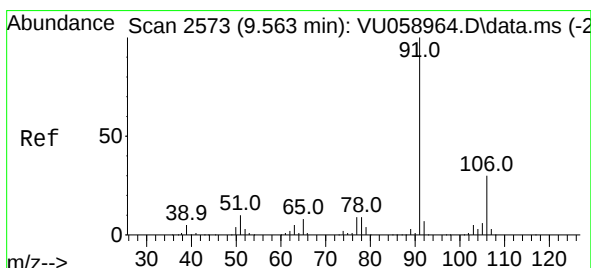
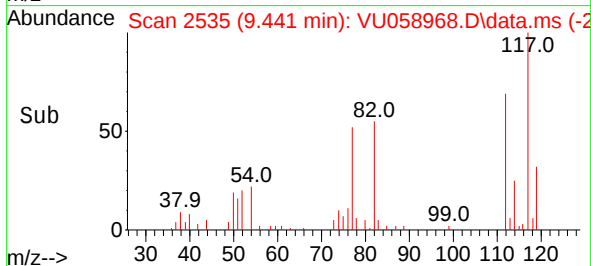
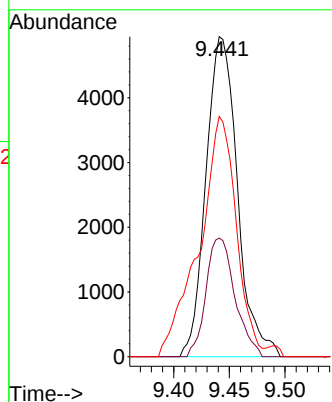
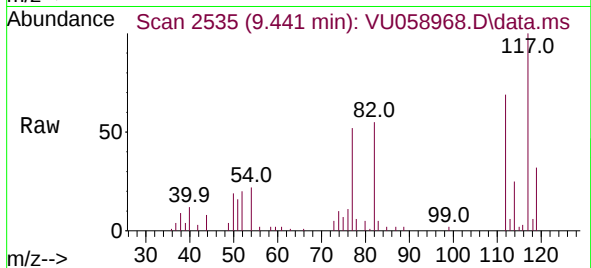
Tgt Ion:112 Resp: 9728

Ion Ratio Lower Upper

112 100

114 37.0 21.8 40.6

77 75.1 48.8 73.2#



#52

Ethylbenzene

Concen: 2.379 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU058968.D

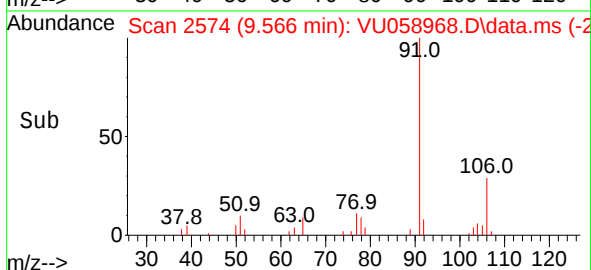
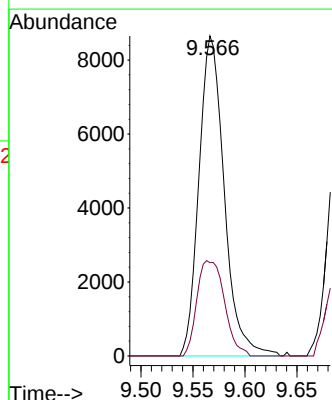
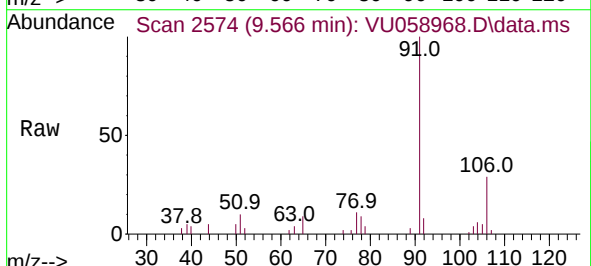
Acq: 24 May 2024 14:05

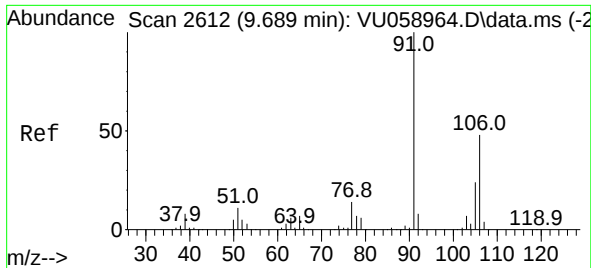
Tgt Ion: 91 Resp: 14631

Ion Ratio Lower Upper

91 100

106 29.2 20.8 38.6

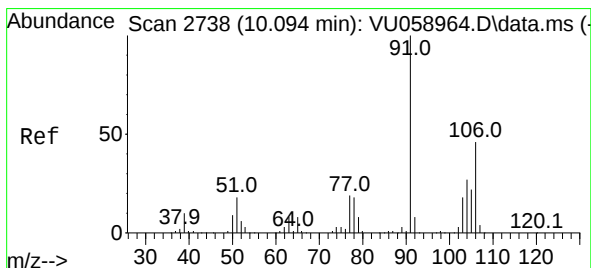
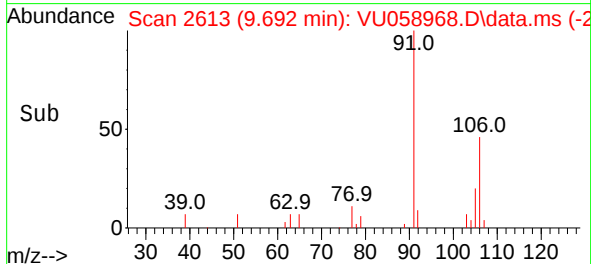
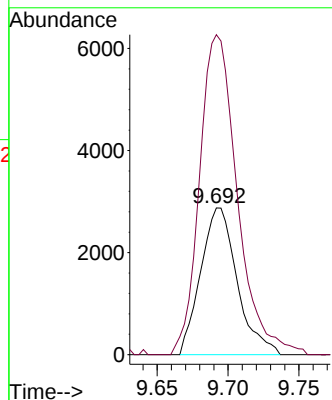
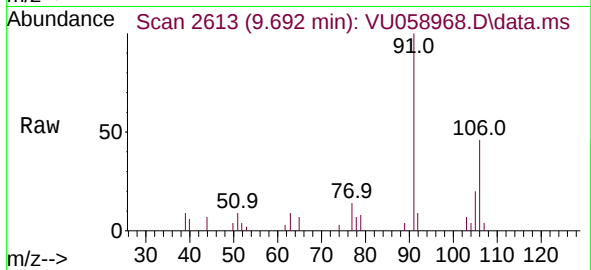




#53
m,p-Xylene
Concen: 2.332 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

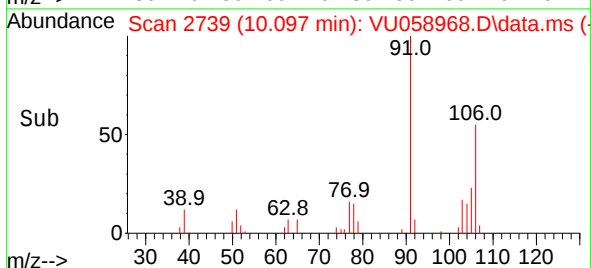
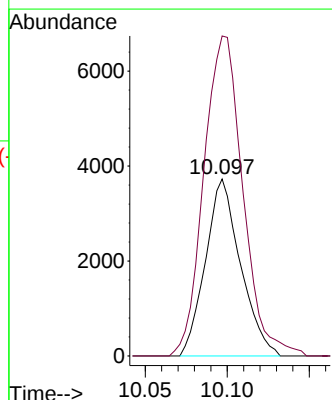
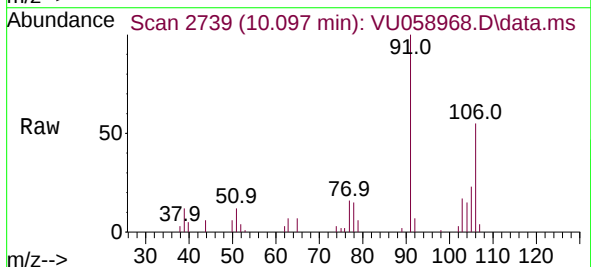
Instrument :
MSVOA_U
ClientSampleId :

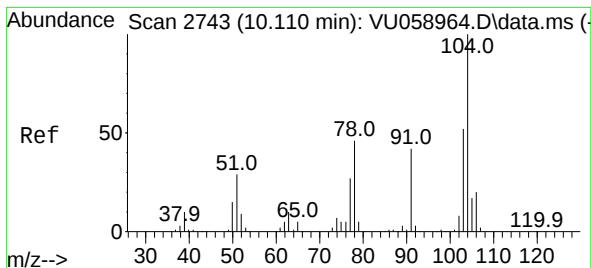
Tgt Ion:106 Resp: 5153
Ion Ratio Lower Upper
106 100
91 218.1 145.7 270.7



#54
o-Xylene
Concen: 2.496 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion:106 Resp: 5520
Ion Ratio Lower Upper
106 100
91 168.5 154.0 286.0





#55

Styrene

Concen: 2.121 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

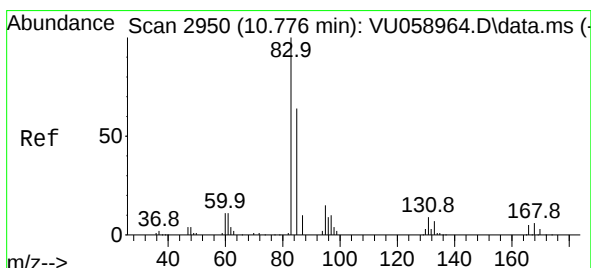
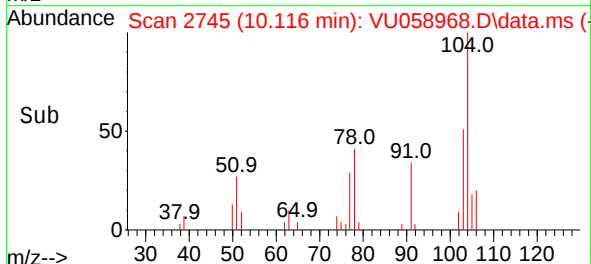
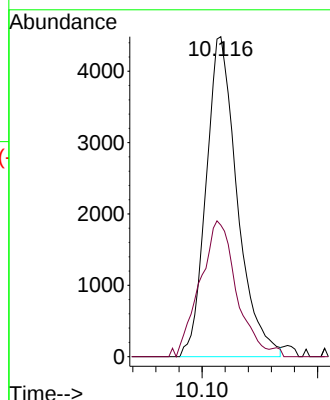
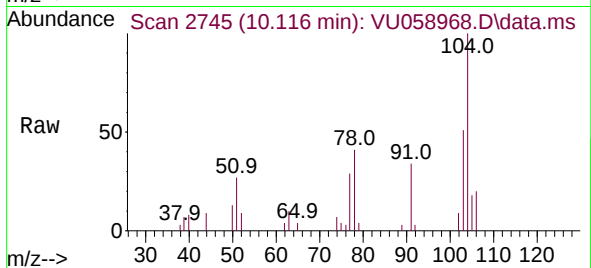
ClientSampleId :

Tgt Ion:104 Resp: 8380

Ion Ratio Lower Upper

104 100

78 41.1 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 3.278 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

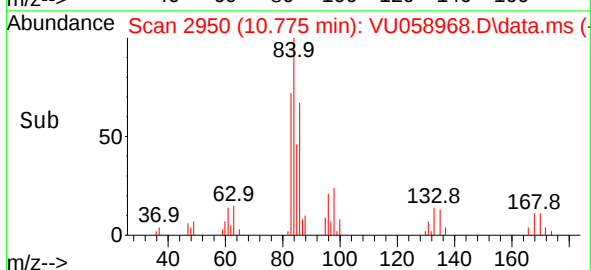
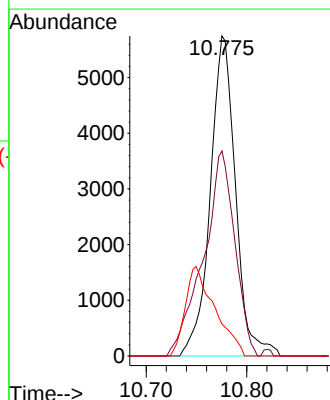
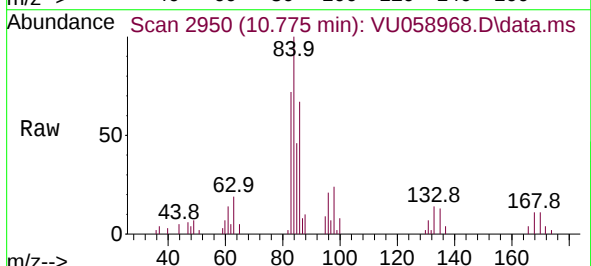
Tgt Ion: 83 Resp: 10050

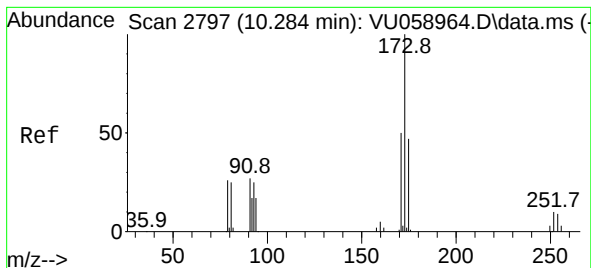
Ion Ratio Lower Upper

83 100

85 64.1 43.5 80.9

131 10.0 7.1 10.7





#59

Bromoform

Concen: 3.282 ug/L

RT: 10.290 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU058968.D

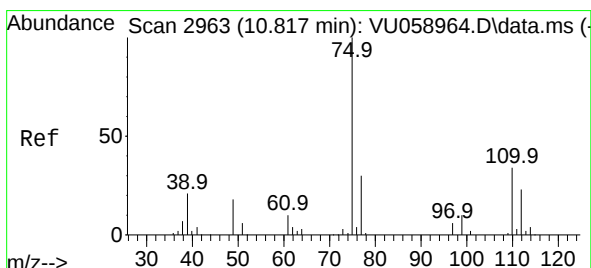
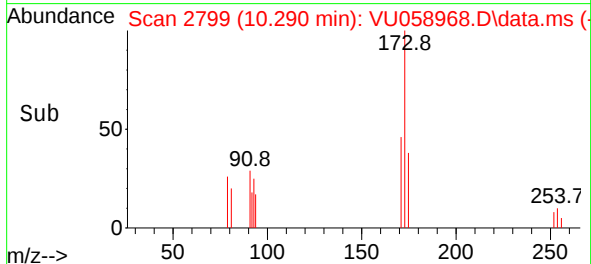
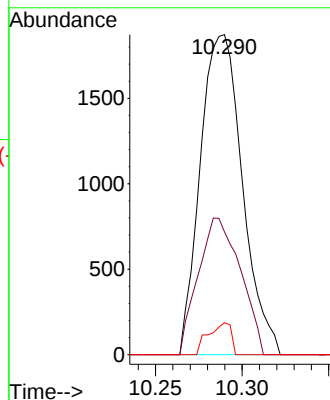
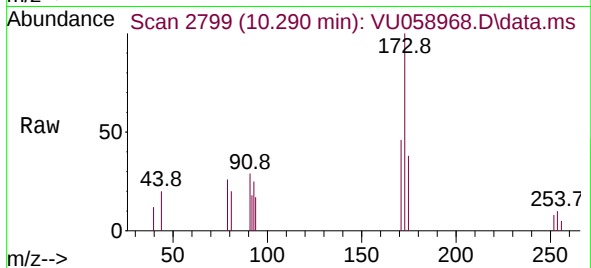
Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	3170
Ion Ratio	Lower	Upper
173	100	
175	42.8	40.6 61.0
254	3.9	7.3 10.9#



#60

1,2,3-Trichloropropane

Concen: 3.752 ug/L

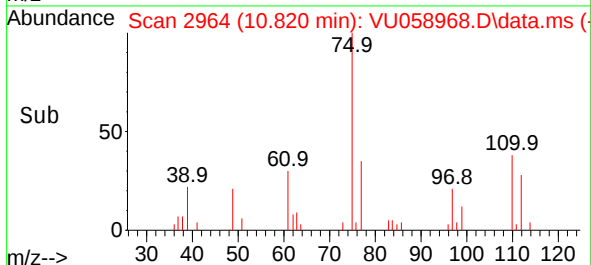
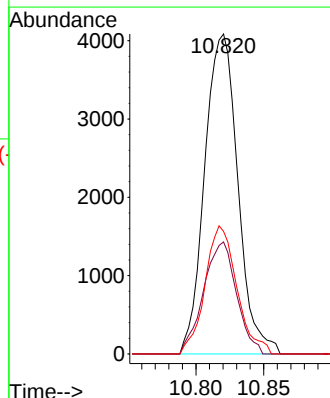
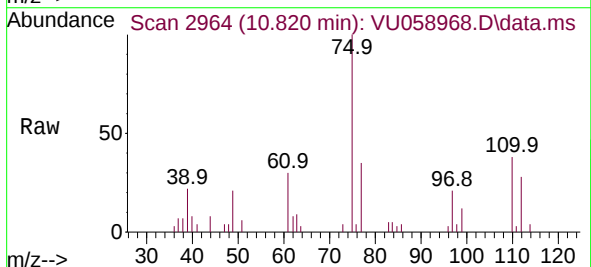
RT: 10.820 min Scan# 2964

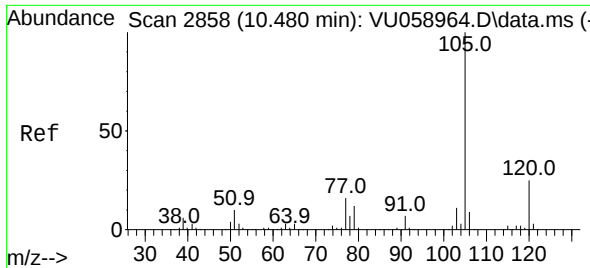
Delta R.T. 0.003 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

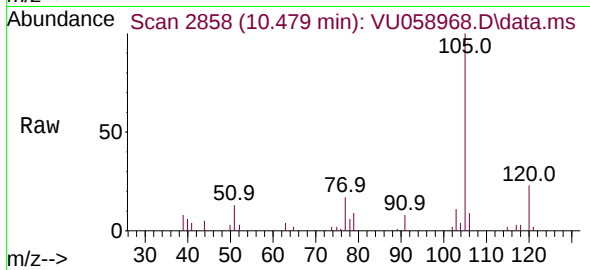
Tgt Ion: 75	Resp:	6958
Ion Ratio	Lower	Upper
75	100	
77	34.7	25.8 38.6
110	38.4	28.3 42.5



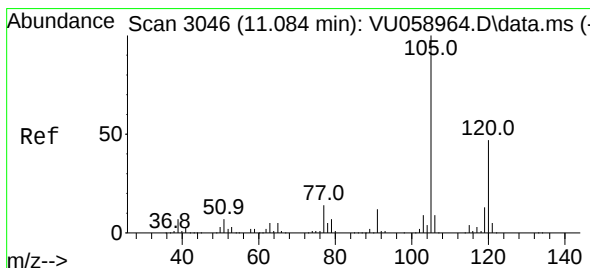
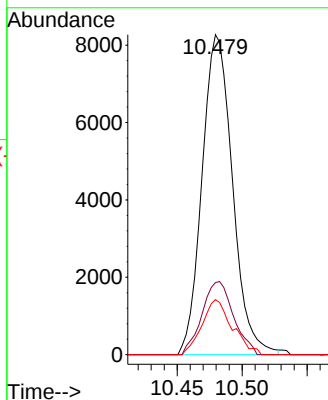
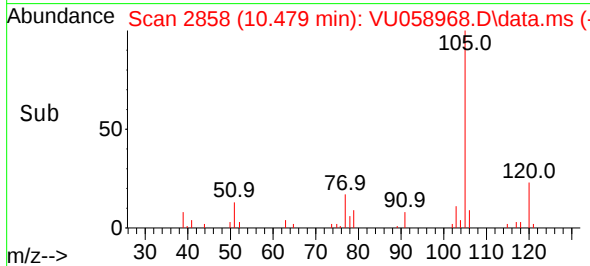


#61
Isopropylbenzene
Concen: 2.893 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Instrument :
MSVOA_U
ClientSampleId :

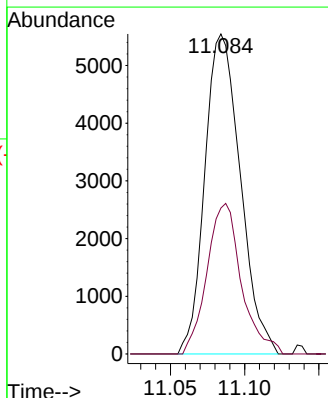
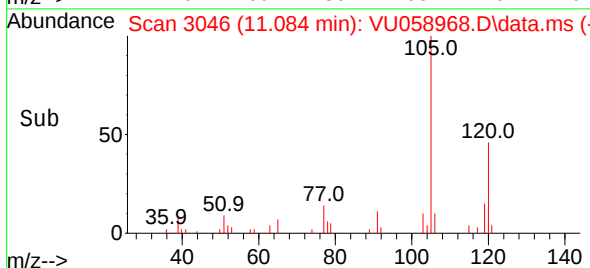
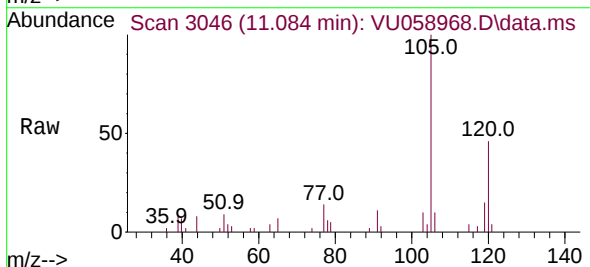


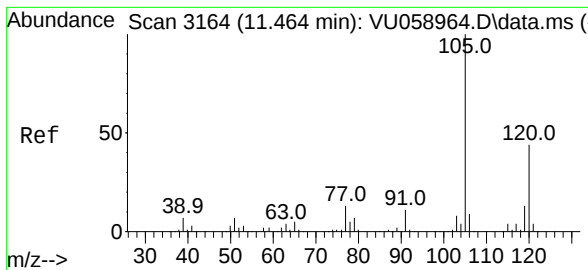
Tgt Ion:105 Resp: 13463
Ion Ratio Lower Upper
105 100
120 23.7 20.0 30.0
77 16.6 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 2.518 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion:105 Resp: 9232
Ion Ratio Lower Upper
105 100
120 45.5 36.9 55.3

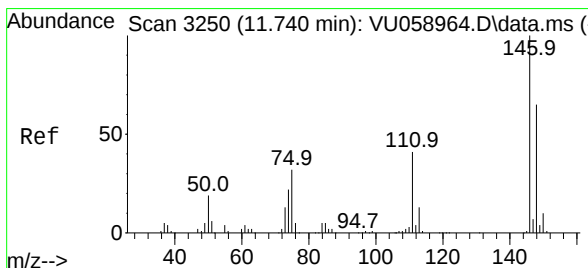
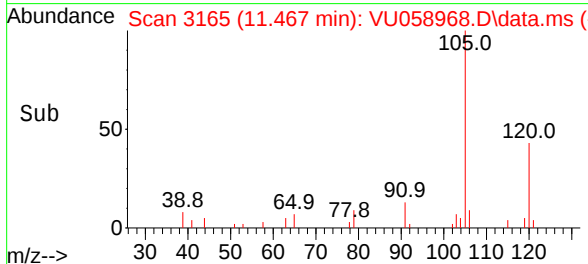
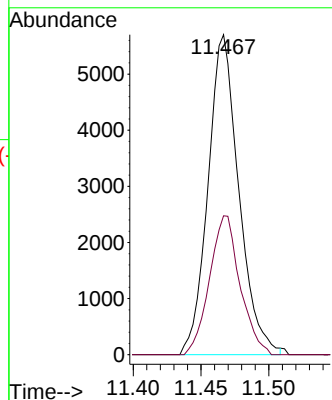
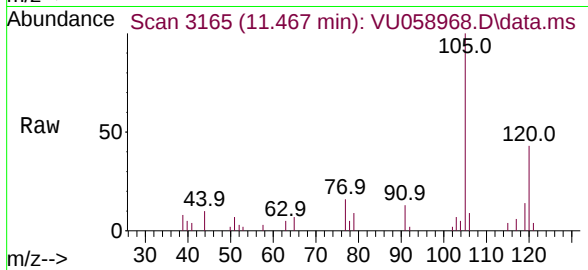




#63
 1,2,4-Trimethylbenzene
 Concen: 2.436 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

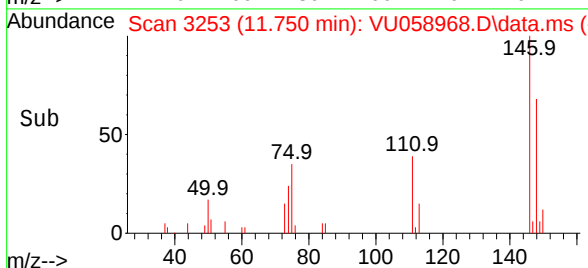
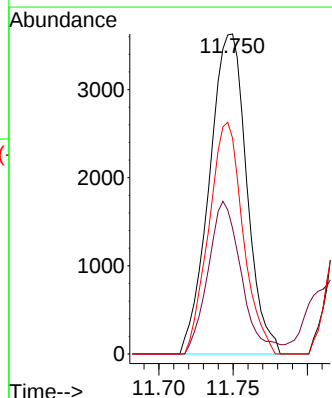
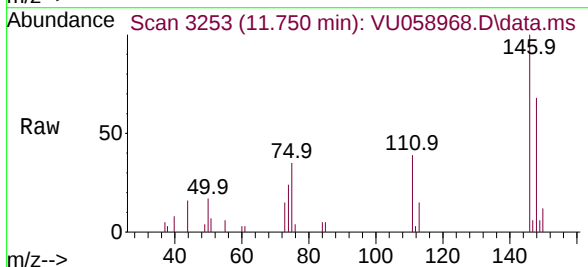
Instrument :
 MSVOA_U
 ClientSampleId :

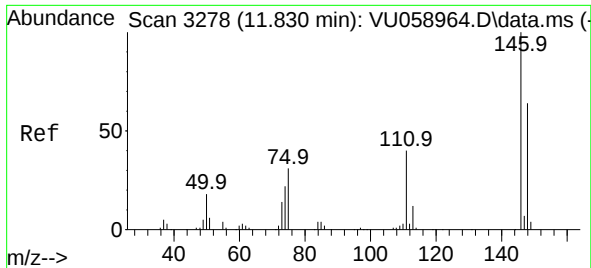
Tgt Ion:105 Resp: 9006
 Ion Ratio Lower Upper
 105 100
 120 43.0 35.3 52.9



#64
 1,3-Dichlorobenzene
 Concen: 2.627 ug/L
 RT: 11.750 min Scan# 3253
 Delta R.T. 0.009 min
 Lab File: VU058968.D
 Acq: 24 May 2024 14:05

Tgt Ion:146 Resp: 6347
 Ion Ratio Lower Upper
 146 100
 111 40.0 28.6 53.0
 148 63.4 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 2.656 ug/L

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

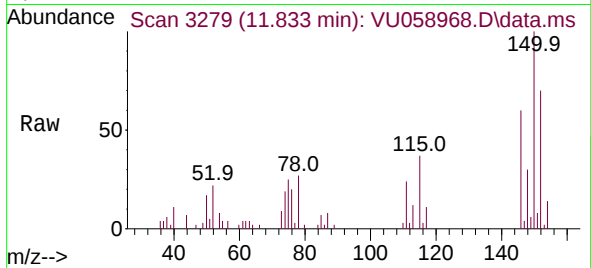
Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :



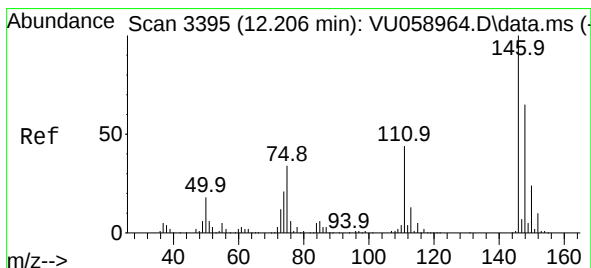
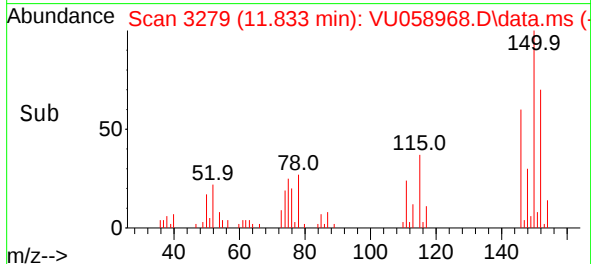
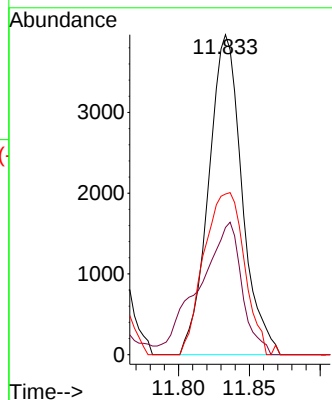
Tgt Ion:146 Resp: 6481

Ion Ratio Lower Upper

146 100

111 39.7 27.3 50.7

148 50.2 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 3.159 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

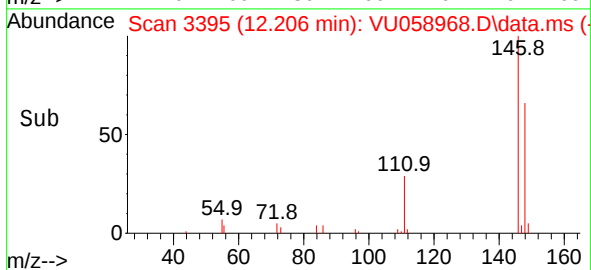
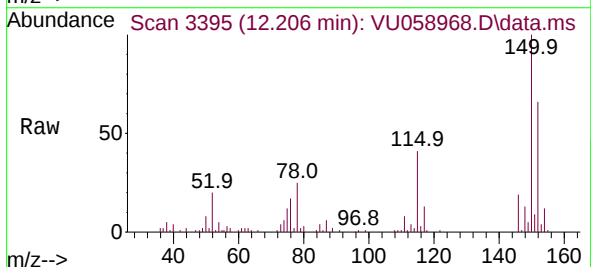
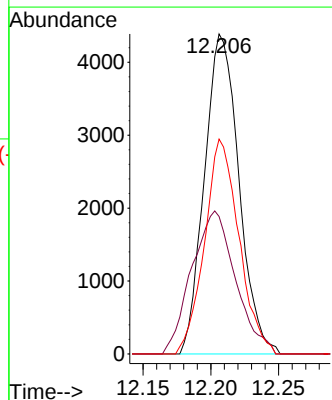
Tgt Ion:146 Resp: 7762

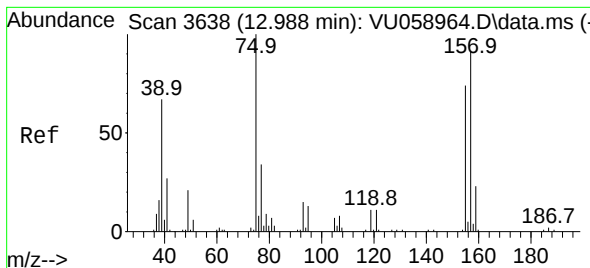
Ion Ratio Lower Upper

146 100

111 47.8 34.1 51.1

148 67.2 52.2 78.4

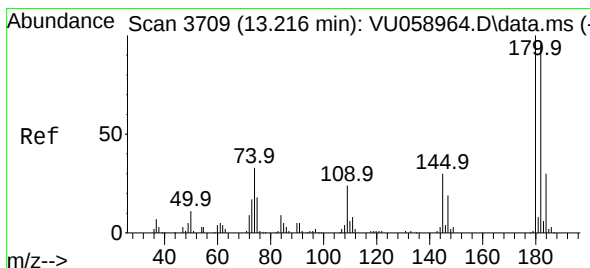
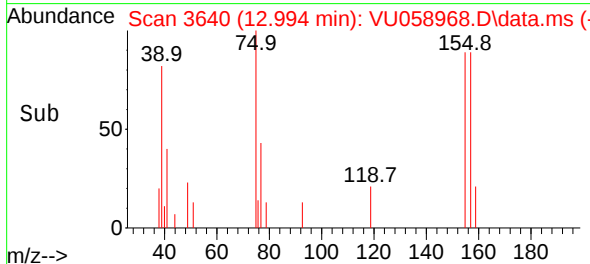
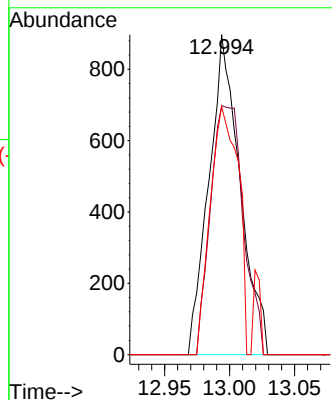
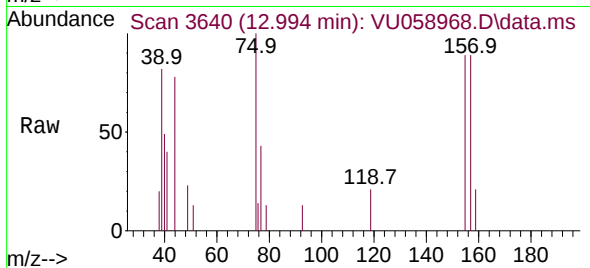




#68
1,2-Dibromo-3-chloropropane
Concen: 2.988 ug/L
RT: 12.994 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

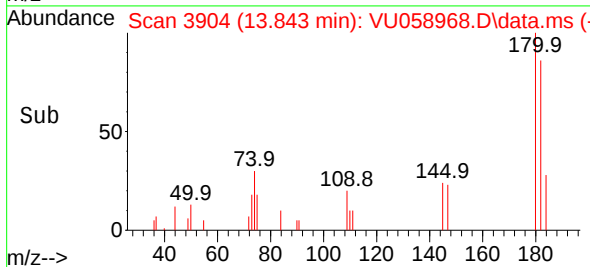
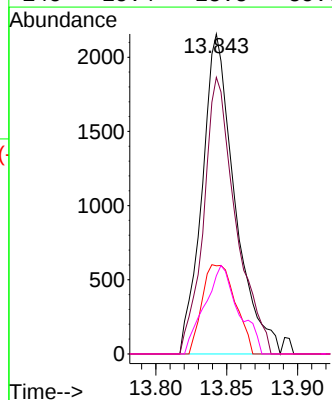
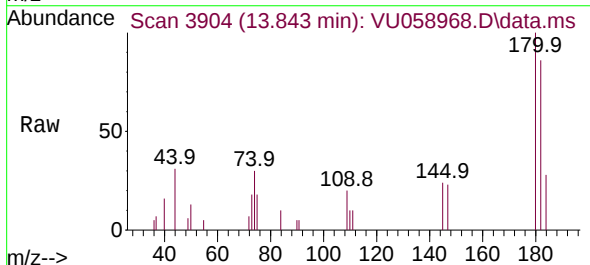
Instrument :
MSVOA_U
ClientSampleId :

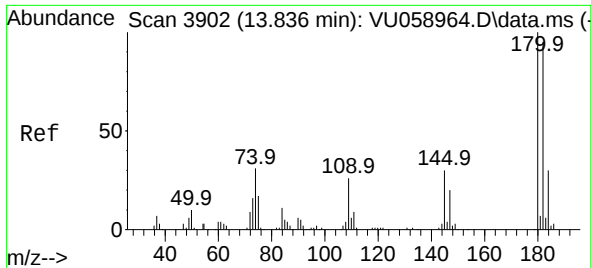
Tgt Ion: 75 Resp: 1499
Ion Ratio Lower Upper
75 100
155 77.8 60.2 90.4
157 77.5 77.2 115.8



#69
1,3,5-Trichlorobenzene
Concen: 2.035 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.627 min
Lab File: VU058968.D
Acq: 24 May 2024 14:05

Tgt Ion:180 Resp: 3462
Ion Ratio Lower Upper
180 100
182 84.5 75.7 113.5
184 28.1 24.3 36.5
145 25.4 23.8 35.6





#70

1,2,4-trichlorobenzene

Concen: 2.362 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

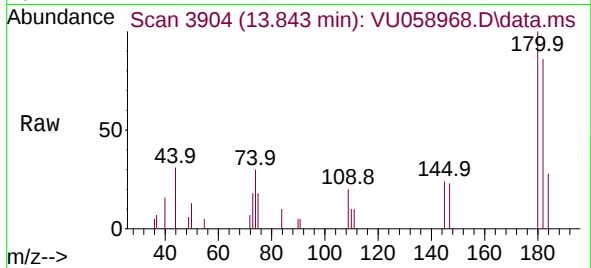
Lab File: VU058968.D

Acq: 24 May 2024 14:05

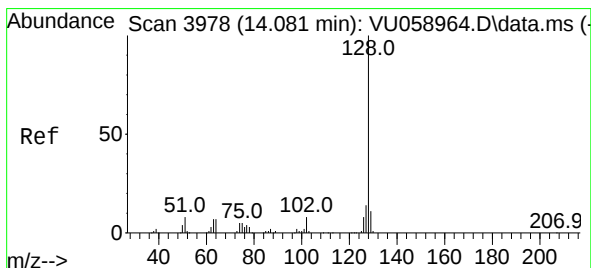
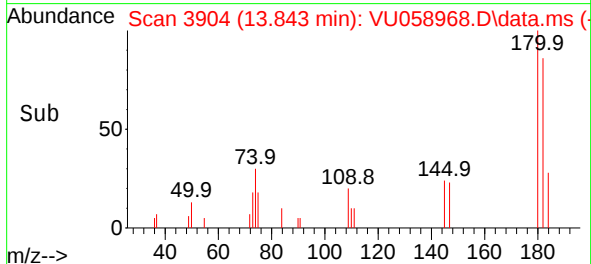
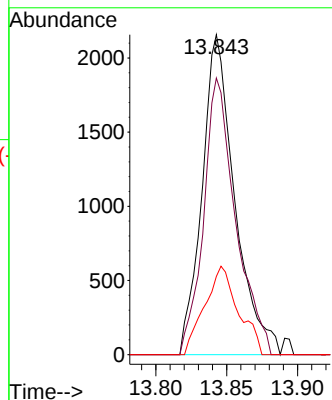
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	3462
Ion Ratio	Lower	Upper	
180	100		
182	84.5	78.6	117.8
145	25.4	24.6	37.0



#71

Naphthalene

Concen: 2.002 ug/L

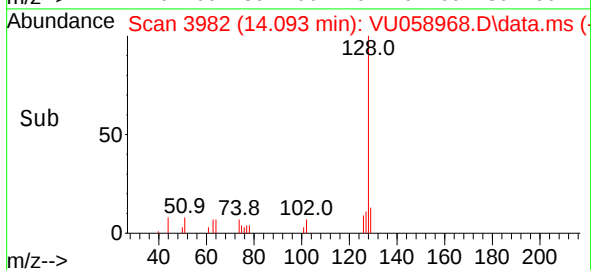
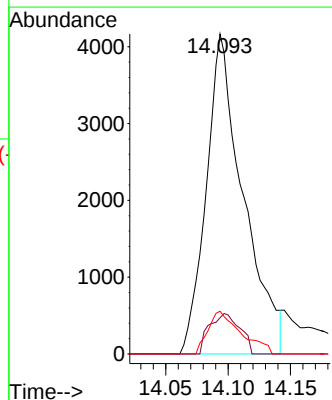
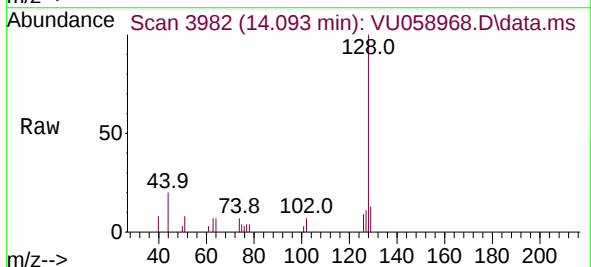
RT: 14.093 min Scan# 3982

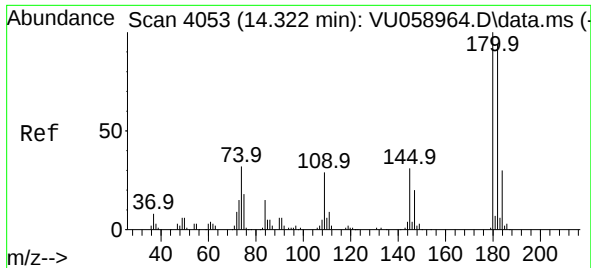
Delta R.T. 0.013 min

Lab File: VU058968.D

Acq: 24 May 2024 14:05

Tgt Ion:	128	Resp:	8559
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.8	16.2#
129	10.6	8.8	13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.095 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.009 min

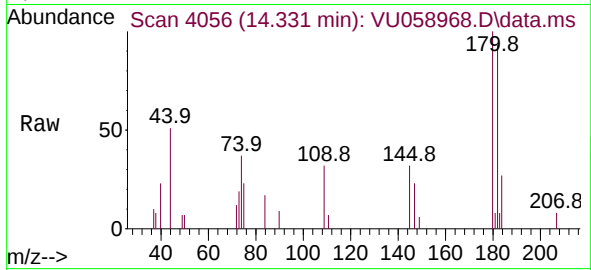
Lab File: VU058968.D

Acq: 24 May 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3145

Ion Ratio Lower Upper

180 100

182 92.5 76.1 114.1

145 33.7 26.2 39.2

