

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031324\
 Data File : VU058071.D
 Acq On : 13 Mar 2024 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 04:32:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148087	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35532	3.335	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	35774	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17065	3.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.618	46	102064	58.139	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.280%
24) Chloroform-d	5.052	84	94838	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	44321	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	174679	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.685	67	56792	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	154608	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.174	79	18487	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	82460	57.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39911	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	50013	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	42330	4.718	ug/L	98
3) Chloromethane	1.515	50	47320	4.510	ug/L	99
5) Vinyl chloride	1.599	62	52517	4.654	ug/L	100
6) Bromomethane	1.853	94	27129	4.564	ug/L	97
8) Chloroethane	1.927	64	34488	4.853	ug/L	93
9) Trichlorofluoromethane	2.132	101	78119	4.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51237	5.098	ug/L	96
12) 1,1-Dichloroethene	2.573	96	42968	4.809	ug/L	91
13) Acetone	2.624	43	68214	52.213	ug/L	95
14) Carbon disulfide	2.785	76	120992	4.379	ug/L	99
15) Methyl Acetate	2.949	43	15718	5.421	ug/L	93
16) Methylene chloride	3.036	84	49586	4.566	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	103986	4.921	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	45789	4.705	ug/L	98
19) 1,1-Dichloroethane	3.859	63	97939	5.045	ug/L	97
21) 2-Butanone	4.698	43	101868	49.484	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	52092	4.866	ug/L	93
23) Bromochloromethane	4.965	128	20613	5.185	ug/L	97
25) Chloroform	5.078	83	100091	5.050	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 04:32:56 2024
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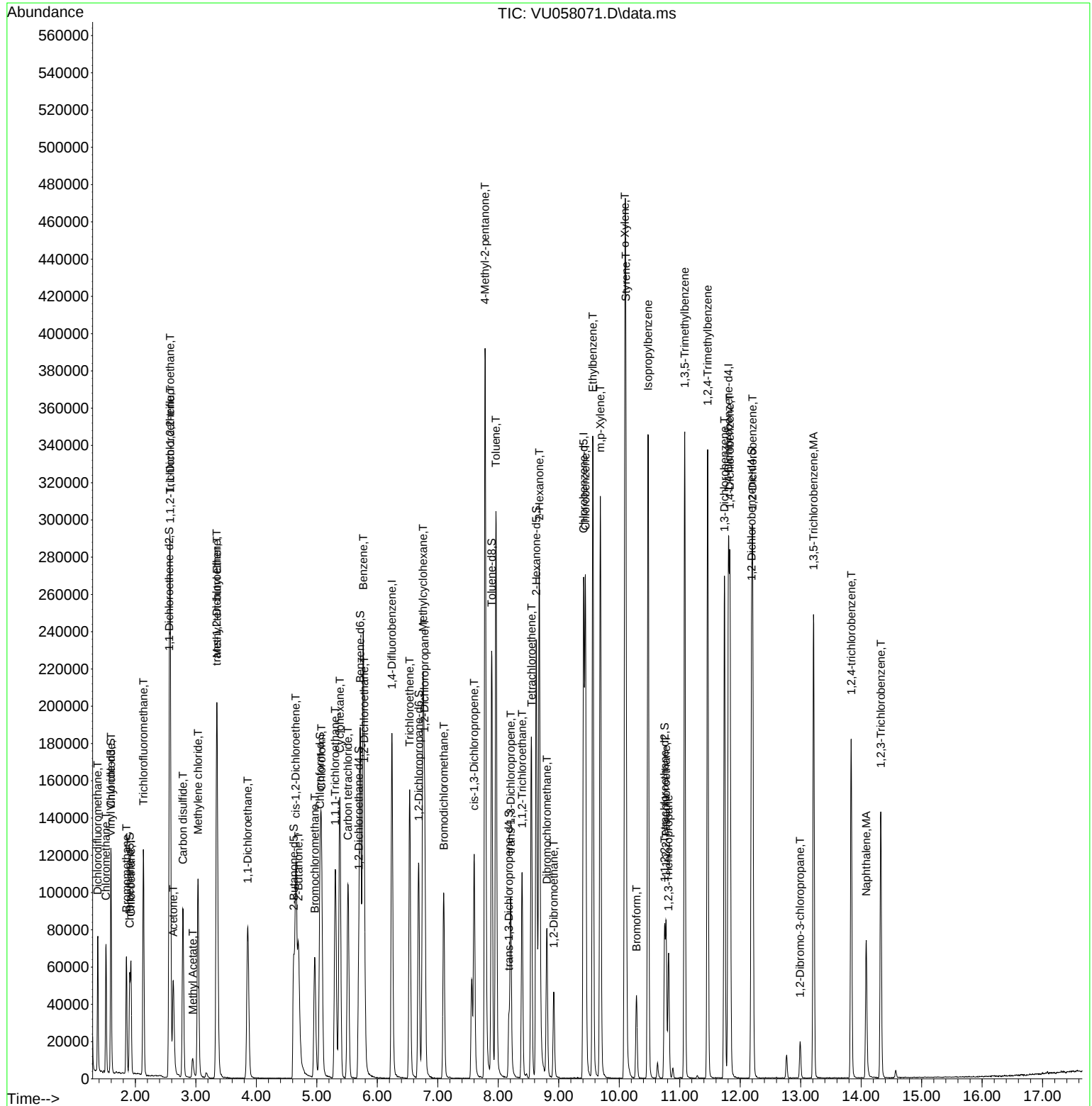
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54986	5.011	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	81602	4.915	ug/L	99
30) Cyclohexane	5.380	56	76236	4.547	ug/L	98
31) Carbon tetrachloride	5.515	117	71336	4.945	ug/L	99
33) Benzene	5.766	78	209193	4.887	ug/L	100
34) Trichloroethene	6.534	95	55652	4.941	ug/L	97
35) Methylcyclohexane	6.756	83	81076	4.696	ug/L	98
37) 1,2-Dichloropropane	6.782	63	54894	4.974	ug/L	99
38) Bromodichloromethane	7.100	83	66826	4.990	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	73858	4.857	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	262008	51.602	ug/L	99
42) Toluene	7.962	91	217169	4.872	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	59113	4.878	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	33954	5.188	ug/L	96
47) Tetrachloroethene	8.550	164	38370	4.911	ug/L	97
48) 2-Hexanone	8.679	43	188561	50.640	ug/L	99
49) Dibromochloromethane	8.804	129	40003	5.164	ug/L	99
50) 1,2-Dibromoethane	8.917	107	30800	5.303	ug/L	98
51) Chlorobenzene	9.441	112	136061	4.867	ug/L	97
52) Ethylbenzene	9.563	91	243487	4.881	ug/L	99
53) m,p-Xylene	9.688	106	88842	4.985	ug/L	98
54) o-Xylene	10.094	106	85624	4.820	ug/L	98
55) Styrene	10.110	104	139918	5.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39727	5.153	ug/L	99
59) Bromoform	10.286	173	19119	5.043	ug/L	98
60) Isopropylbenzene	10.476	105	222427	4.913	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29208	5.246	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	187785	4.918	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	185775	4.930	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	102956	5.004	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	99872	4.959	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	90068	5.014	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6267	5.673	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.212	180	71430	4.826	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	52344	4.707	ug/L	99
71) Naphthalene	14.084	128	62441	4.111	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41574	4.733	ug/L	97

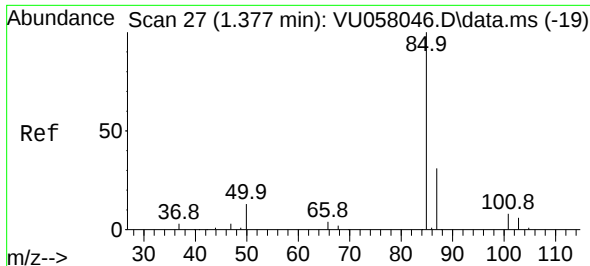
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ClientSampleId :

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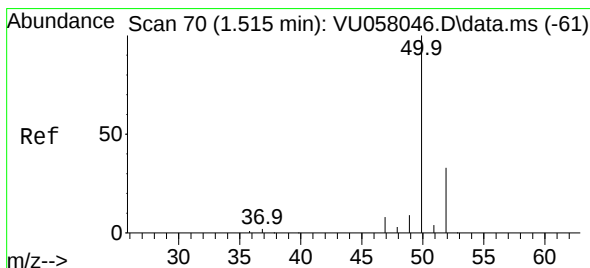
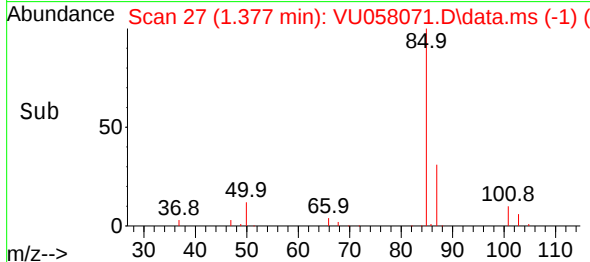
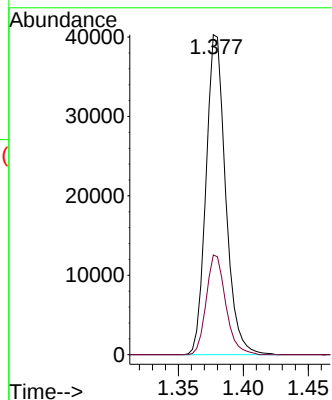
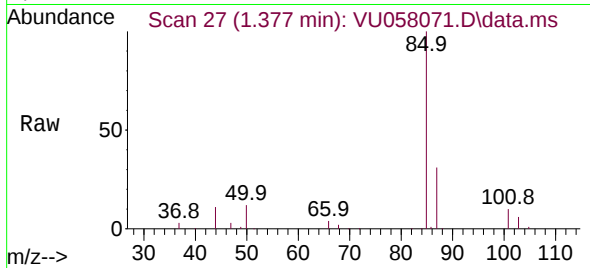




#2
 Dichlorodifluoromethane
 Concen: 4.718 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058071.D
 Acq: 13 Mar 2024 09:08

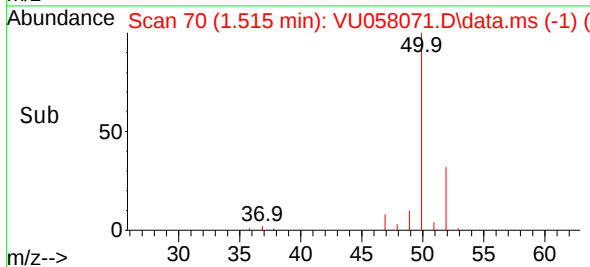
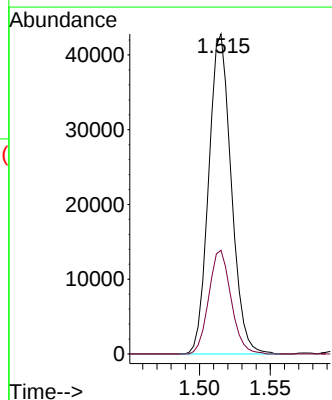
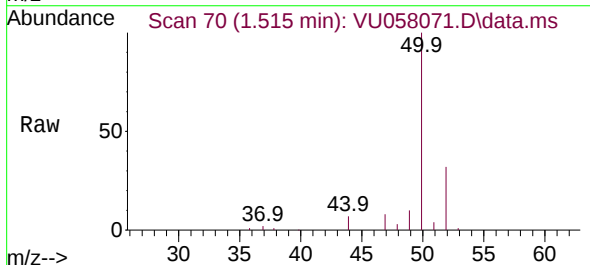
Instrument :
 MSVOA_U
 ClientSampleId :

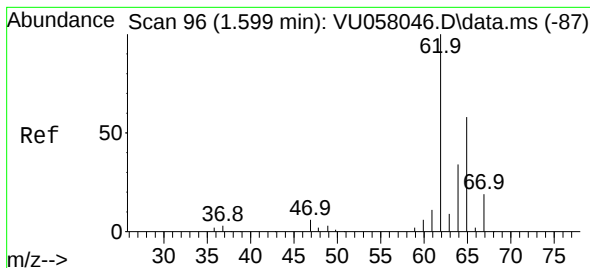
Tgt Ion: 85 Resp: 42330
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.510 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058071.D
 Acq: 13 Mar 2024 09:08

Tgt Ion: 50 Resp: 47320
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9





#5

Vinyl chloride

Concen: 4.654 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

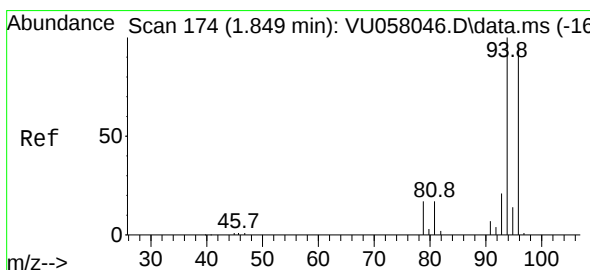
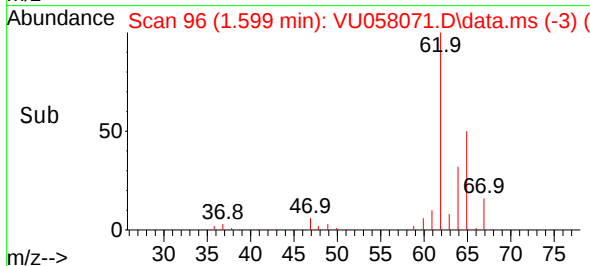
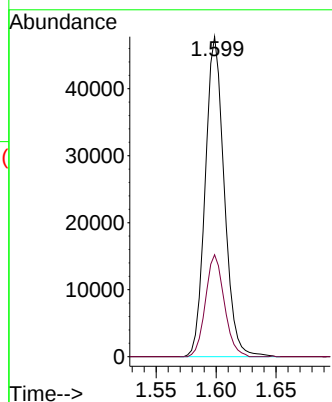
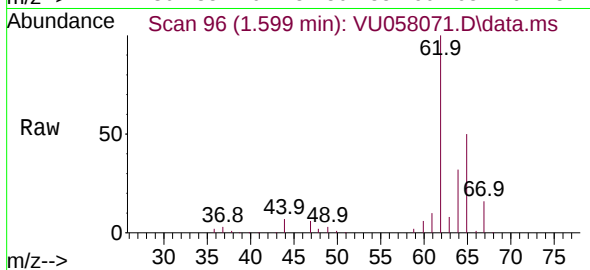
ClientSampleId :

Tgt Ion: 62 Resp: 52517

Ion Ratio Lower Upper

62 100

64 31.8 22.5 41.7



#6

Bromomethane

Concen: 4.564 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU058071.D

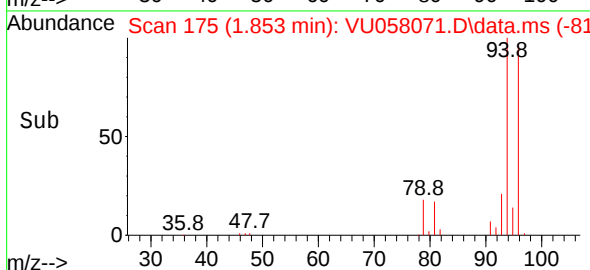
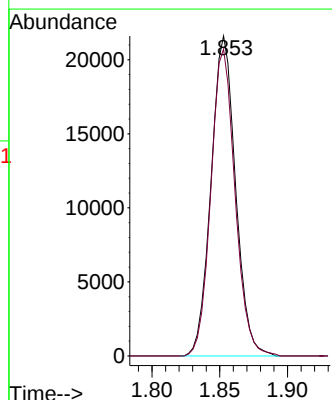
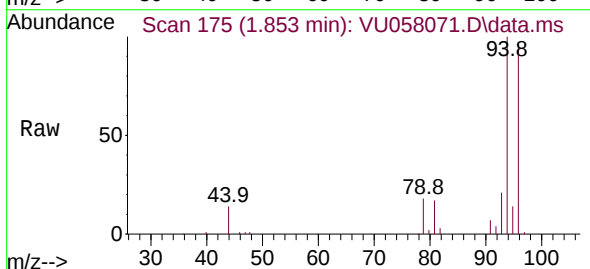
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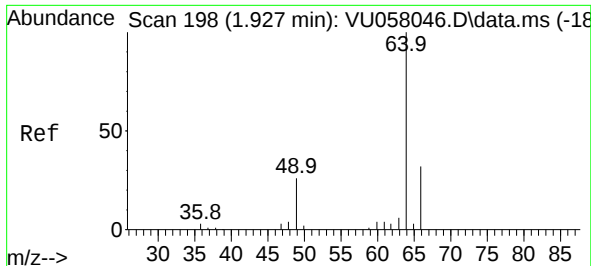
Tgt Ion: 94 Resp: 27129

Ion Ratio Lower Upper

94 100

96 95.9 65.2 121.2

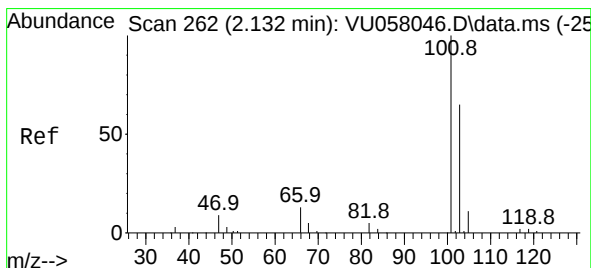
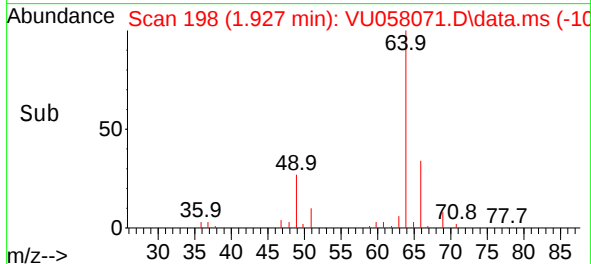
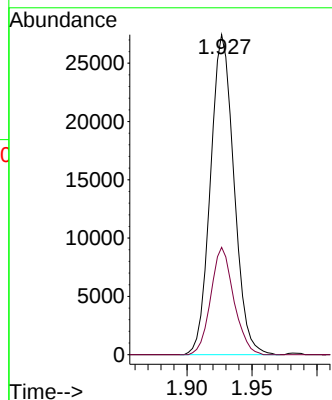
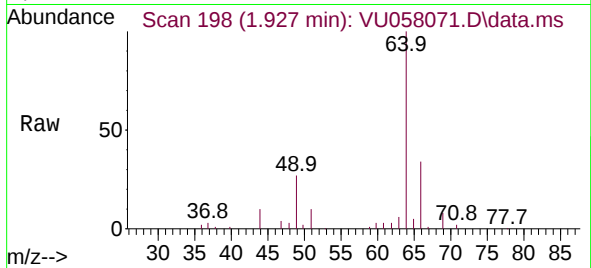




#8
Chloroethane
Concen: 4.853 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

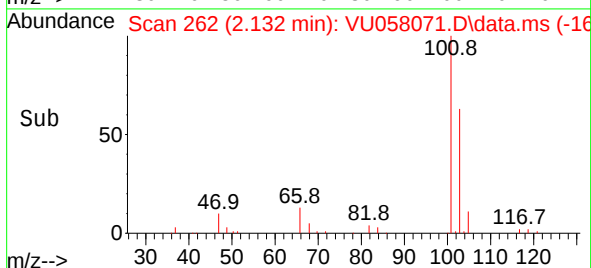
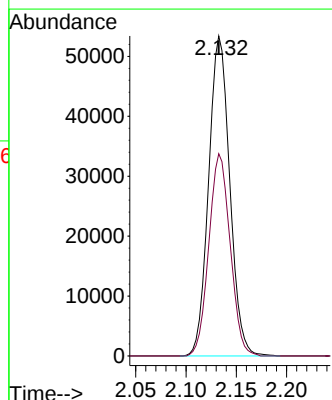
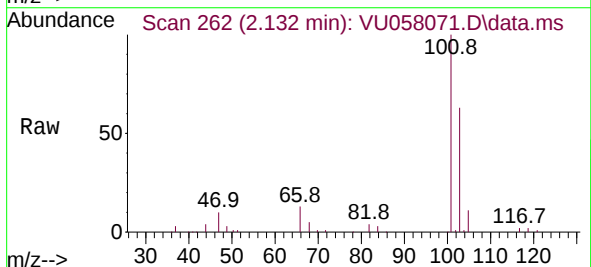
Instrument :
MSVOA_U
ClientSampleId :

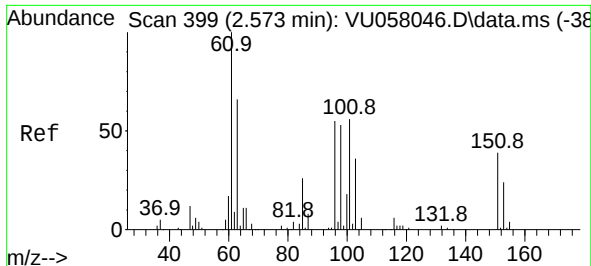
Tgt Ion: 64 Resp: 34488
Ion Ratio Lower Upper
64 100
66 33.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 4.859 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:101 Resp: 78119
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

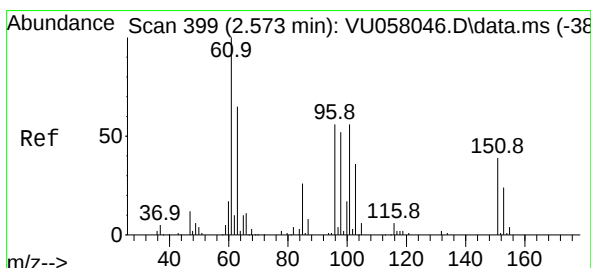
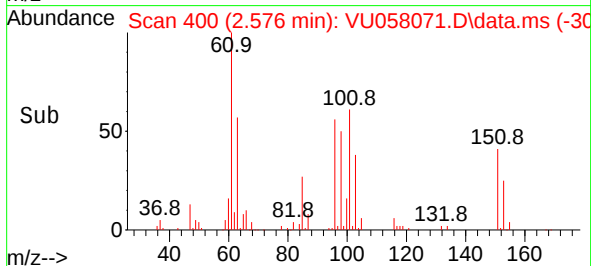
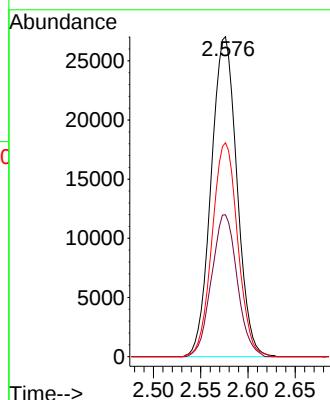
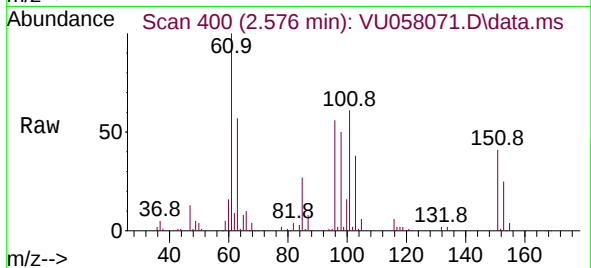




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.098 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

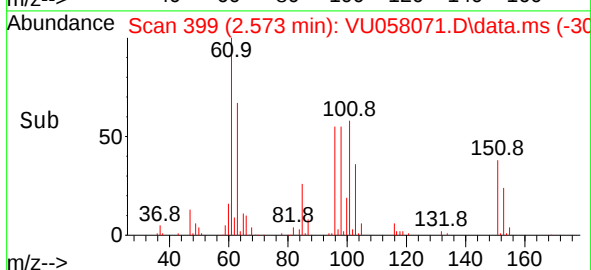
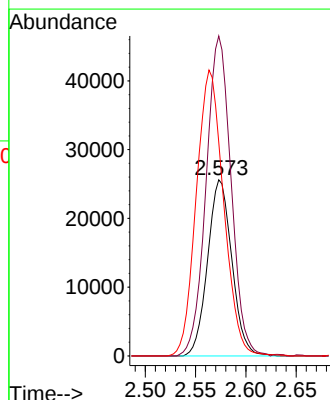
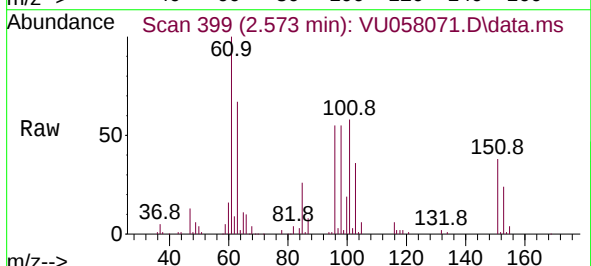
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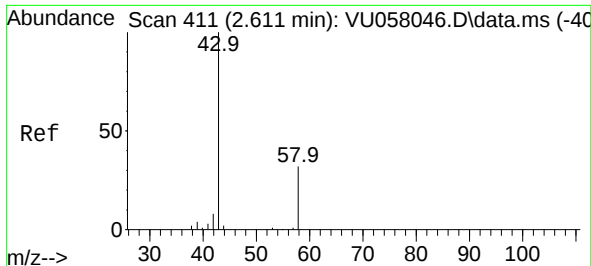
Tgt Ion:101 Resp: 51237
Ion Ratio Lower Upper
101 100
85 44.3 37.3 55.9
151 66.6 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.809 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion: 96 Resp: 42968
Ion Ratio Lower Upper
96 100
61 181.6 131.8 244.8
63 121.3 98.1 182.1





#13

Acetone

Concen: 52.213 ug/L

RT: 2.624 min Scan# 411

Delta R.T. 0.013 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

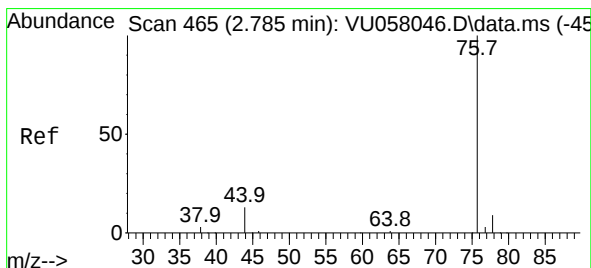
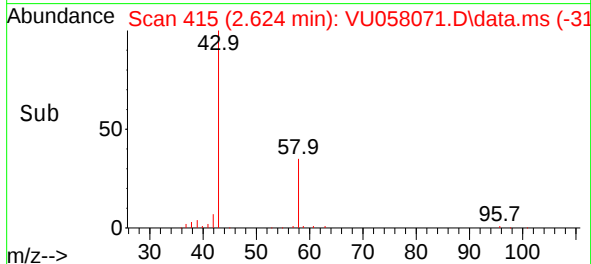
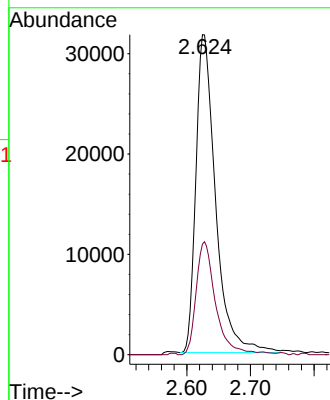
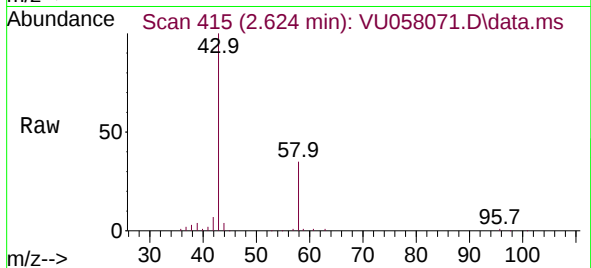
ClientSampleId :

Tgt Ion: 43 Resp: 68214

Ion Ratio Lower Upper

43 100

58 34.8 0.0 63.6



#14

Carbon disulfide

Concen: 4.379 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058071.D

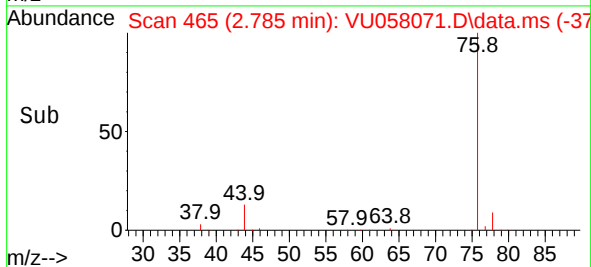
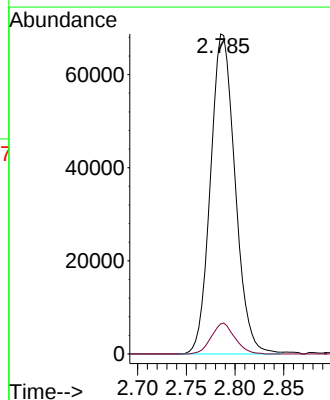
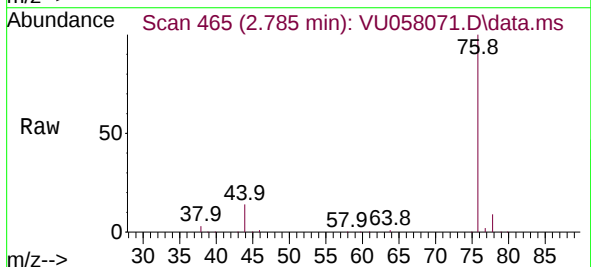
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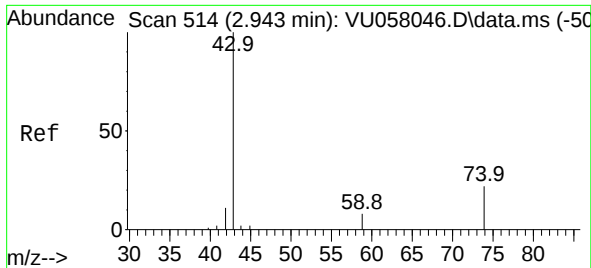
Tgt Ion: 76 Resp: 120992

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 5.421 ug/L

RT: 2.949 min Scan# 514

Delta R.T. 0.006 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

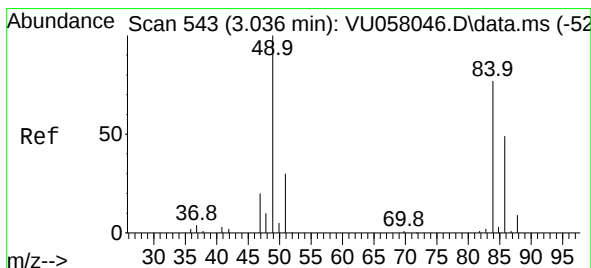
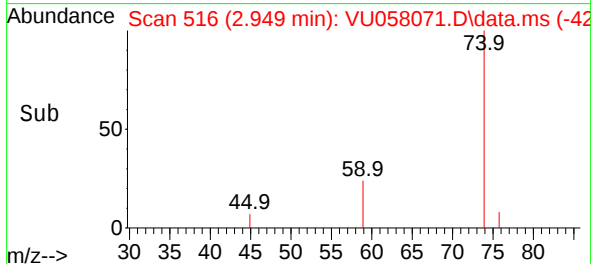
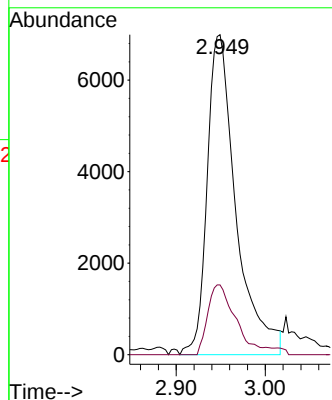
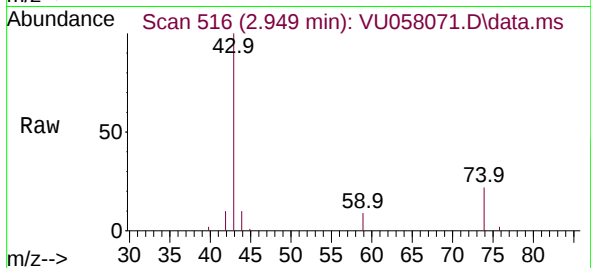
ClientSampleId :

Tgt Ion: 43 Resp: 15718

Ion Ratio Lower Upper

43 100

74 22.1 20.6 31.0



#16

Methylene chloride

Concen: 4.566 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

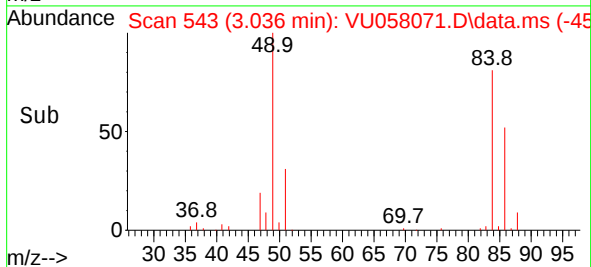
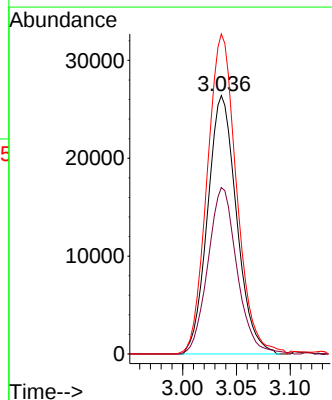
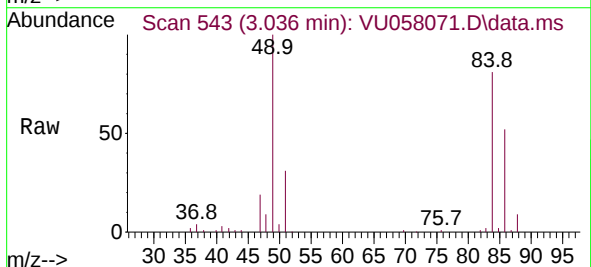
Tgt Ion: 84 Resp: 49586

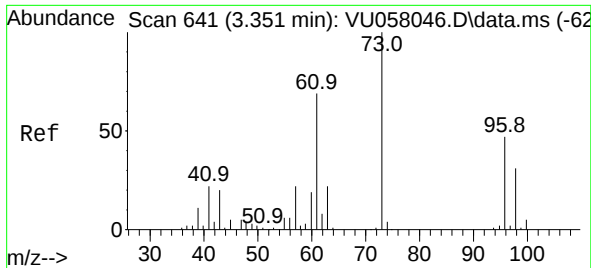
Ion Ratio Lower Upper

84 100

86 64.4 44.4 82.4

49 123.8 88.8 165.0

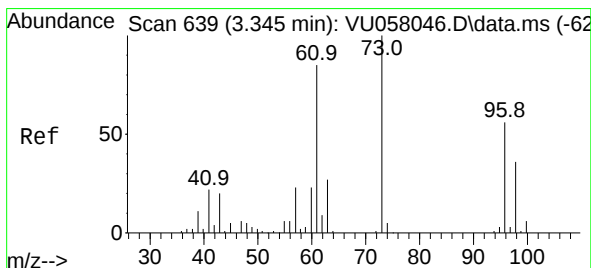
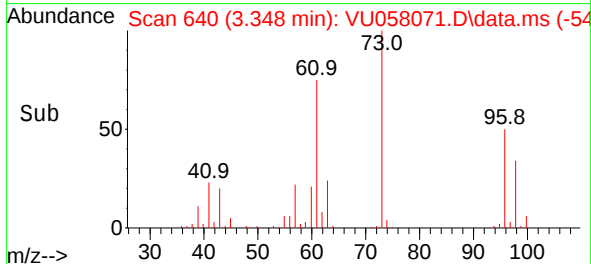
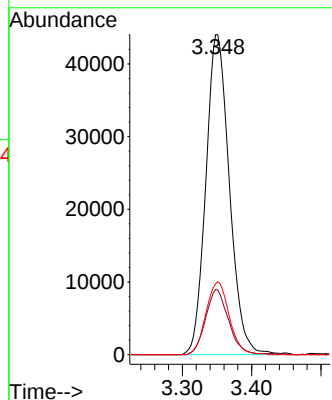
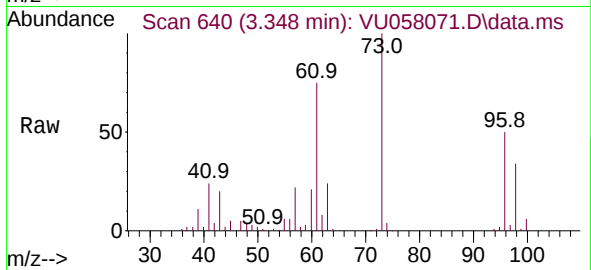




#17
Methyl tert-butyl Ether
Concen: 4.921 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

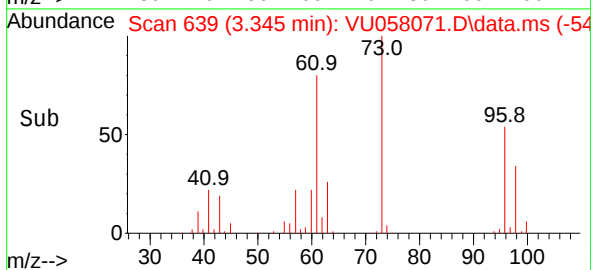
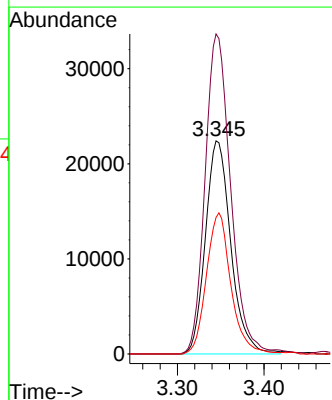
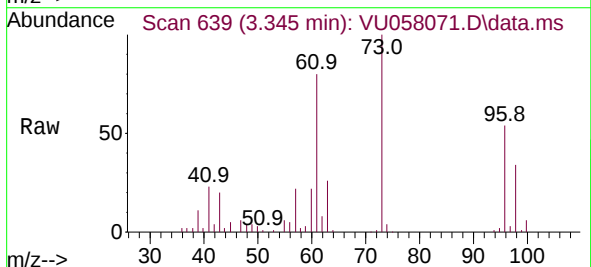
Instrument :
MSVOA_U
ClientSampleId :

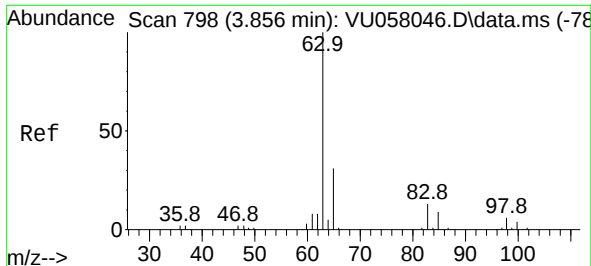
Tgt Ion: 73 Resp: 103986
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.4
57 22.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.705 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion: 96 Resp: 45789
Ion Ratio Lower Upper
96 100
61 150.2 107.7 199.9
98 64.1 45.8 85.0





#19

1,1-Dichloroethane

Concen: 5.045 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

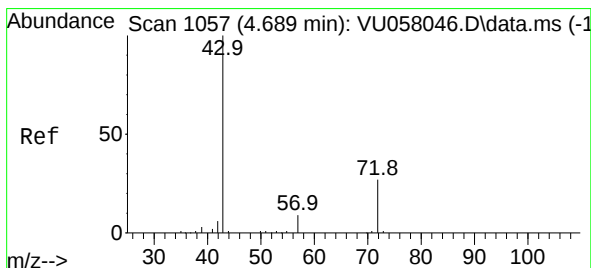
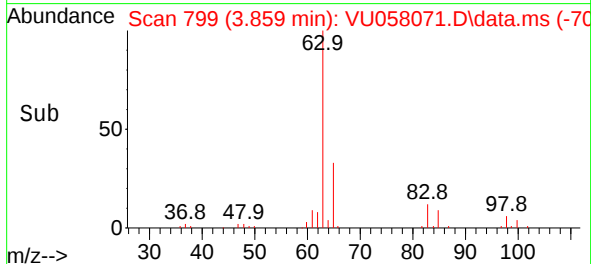
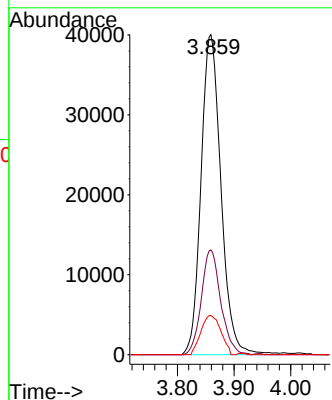
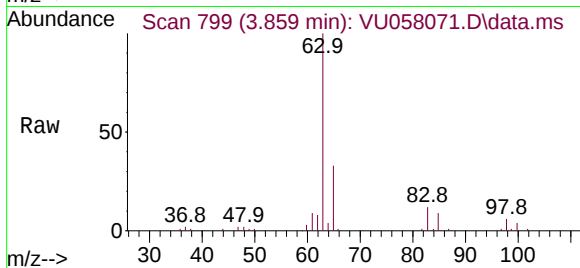
Tgt Ion: 63 Resp: 97939

Ion Ratio Lower Upper

63 100

65 33.5 22.1 41.1

83 12.2 9.0 16.6



#21

2-Butanone

Concen: 49.484 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.010 min

Lab File: VU058071.D

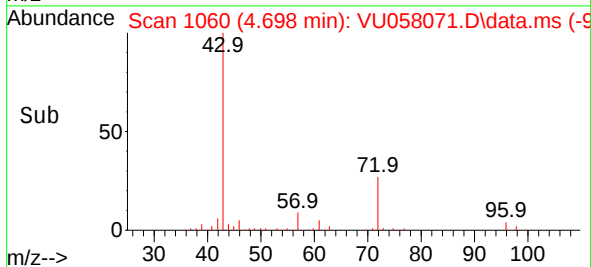
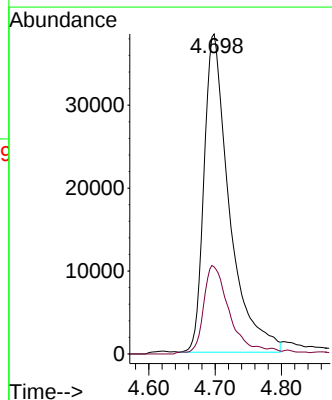
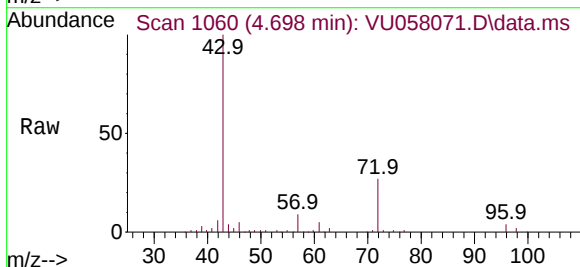
Acq: 13 Mar 2024 09:08

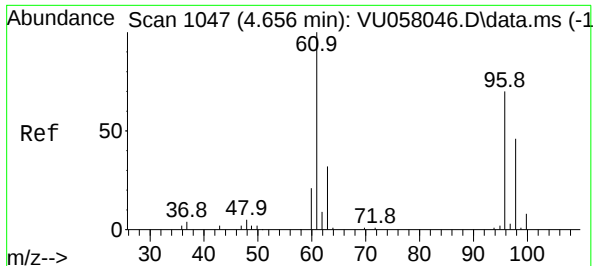
Tgt Ion: 43 Resp: 101868

Ion Ratio Lower Upper

43 100

72 28.3 13.0 39.0

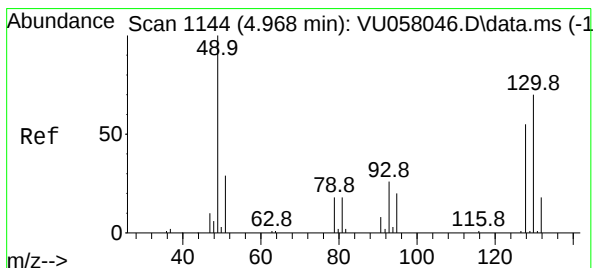
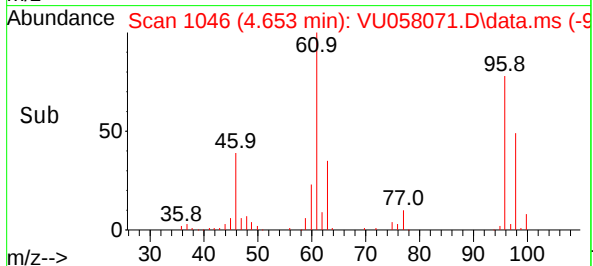
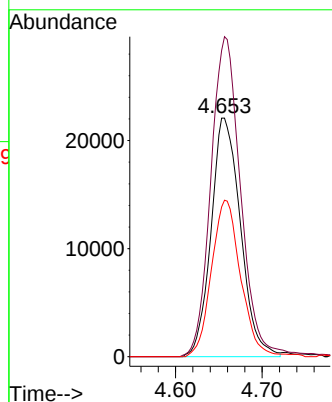
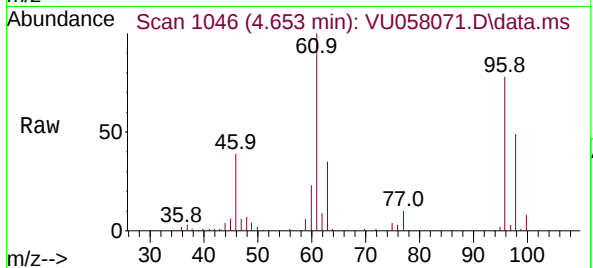




#22
cis-1,2-Dichloroethene
Concen: 4.866 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

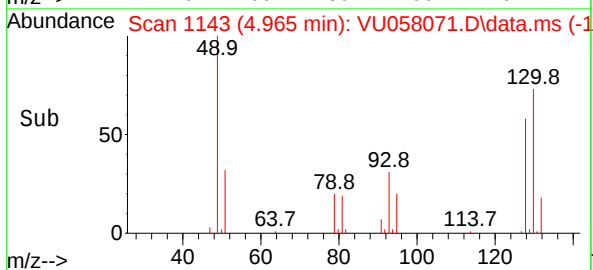
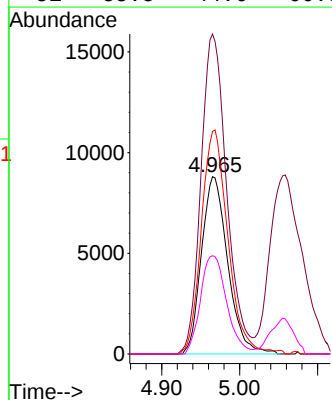
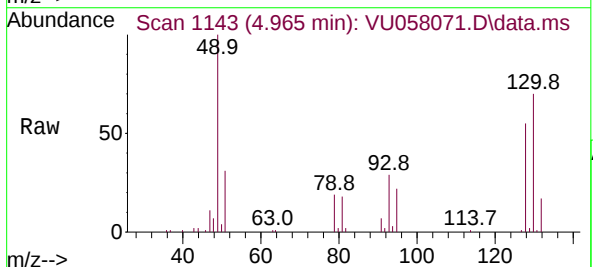
Instrument :
MSVOA_U
ClientSampleId :

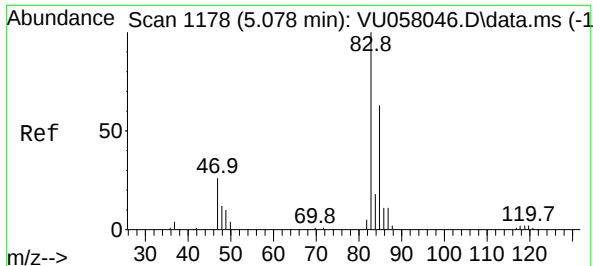
Tgt Ion: 96 Resp: 52092
Ion Ratio Lower Upper
96 100
61 128.4 97.2 180.4
98 62.8 45.5 84.5



#23
Bromochloromethane
Concen: 5.185 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:128 Resp: 20613
Ion Ratio Lower Upper
128 100
49 180.5 122.0 226.6
130 125.5 86.6 160.8
51 55.5 44.6 66.8

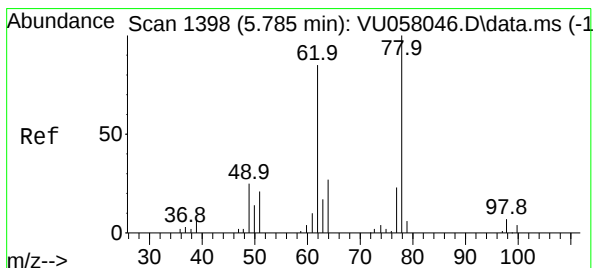
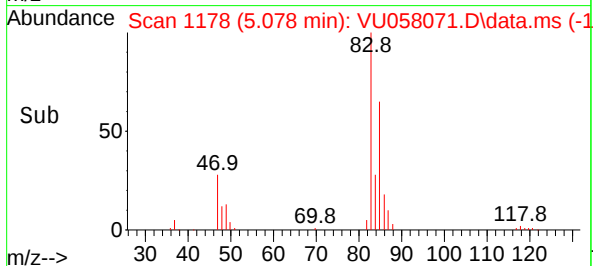
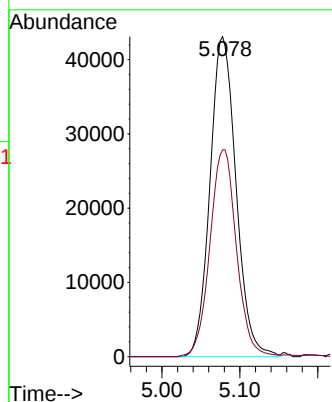
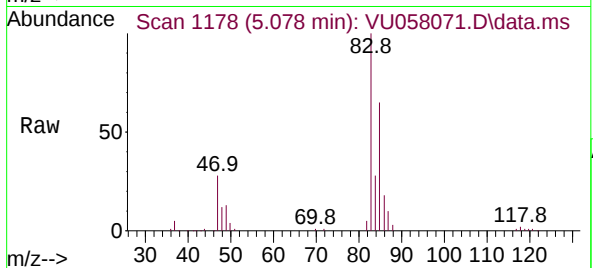




#25
Chloroform
Concen: 5.050 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

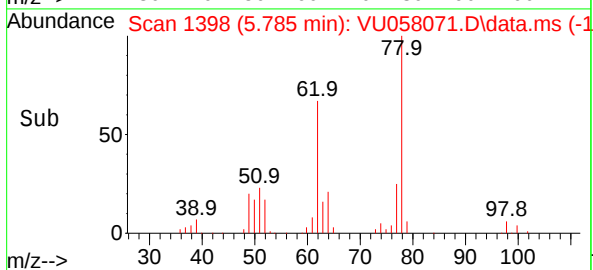
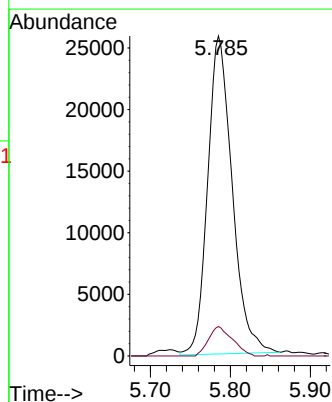
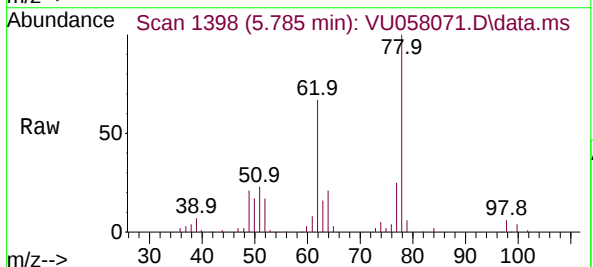
Instrument :
MSVOA_U
ClientSampleId :

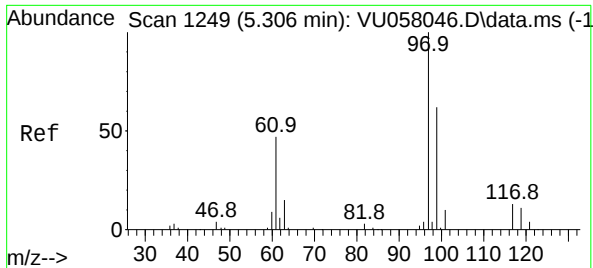
Tgt Ion: 83 Resp: 100091
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.011 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion: 62 Resp: 54986
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4

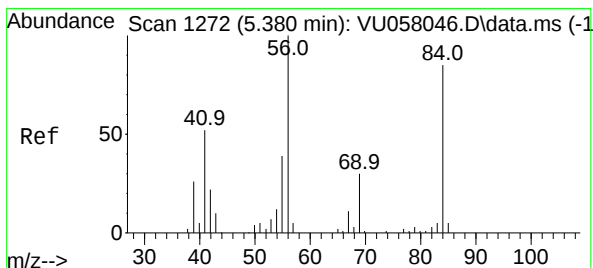
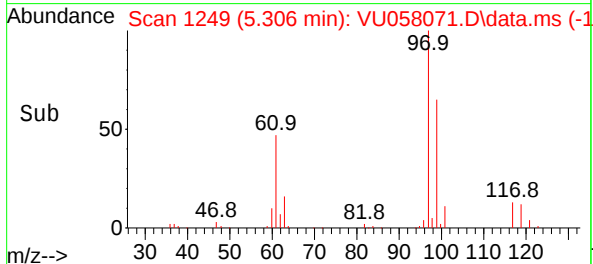
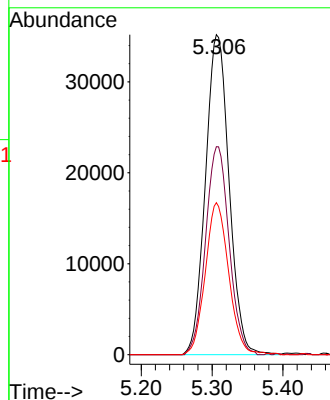
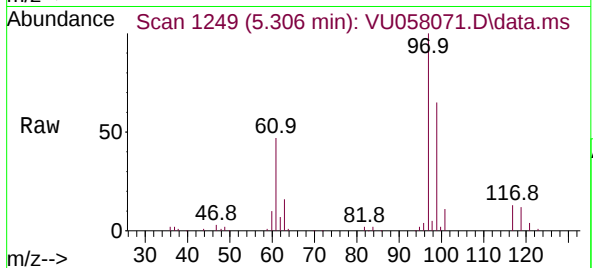




#29
1,1,1-Trichloroethane
Concen: 4.915 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

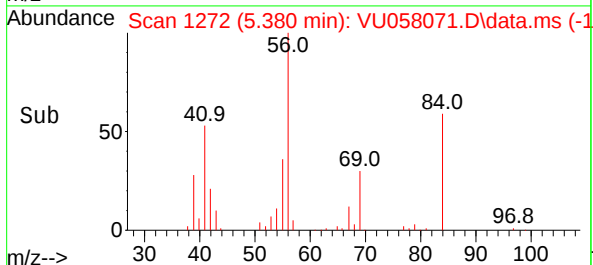
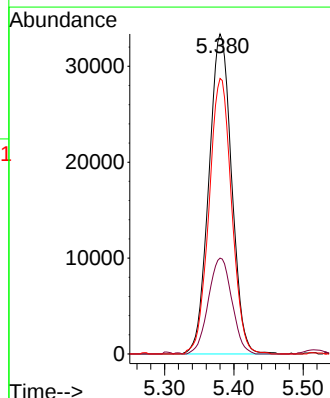
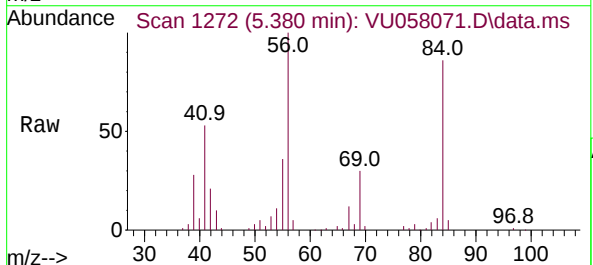
Instrument :
MSVOA_U
ClientSampleId :

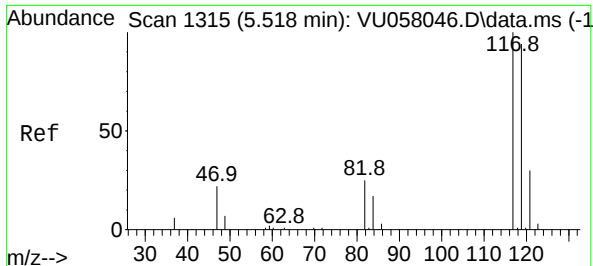
Tgt Ion:	97	Resp:	81602
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	47.0	37.4	56.2



#30
Cyclohexane
Concen: 4.547 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:	56	Resp:	76236
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.2
84	85.3	66.6	99.8

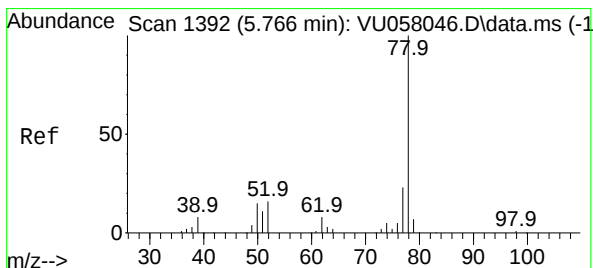
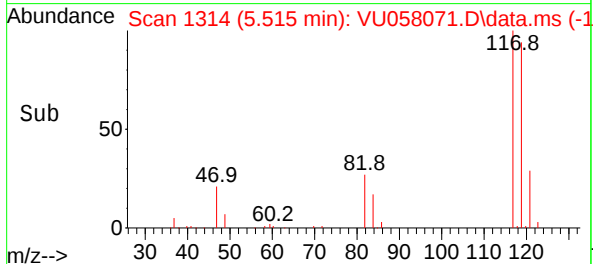
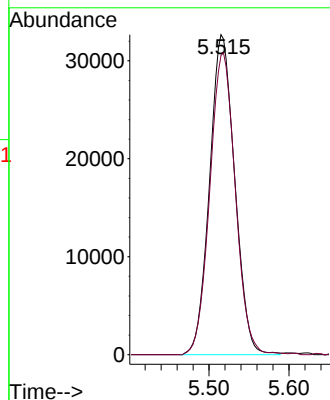
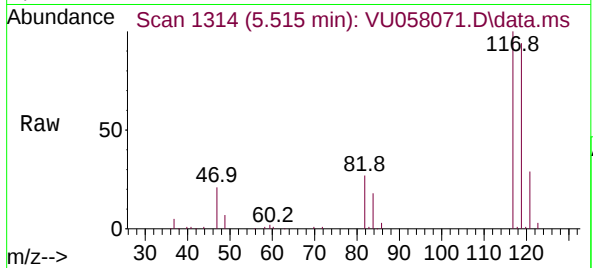




#31
Carbon tetrachloride
Concen: 4.945 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

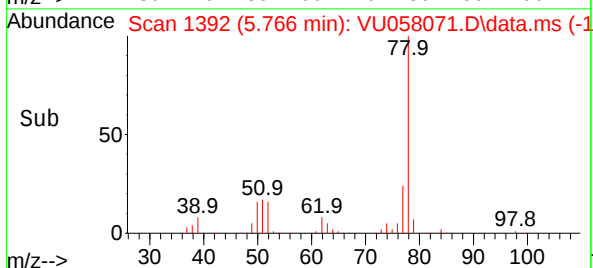
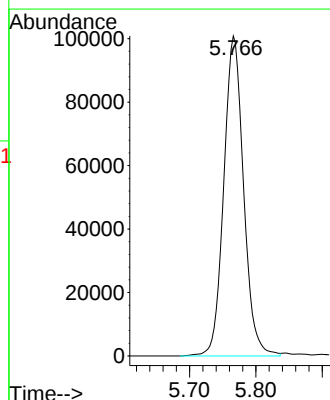
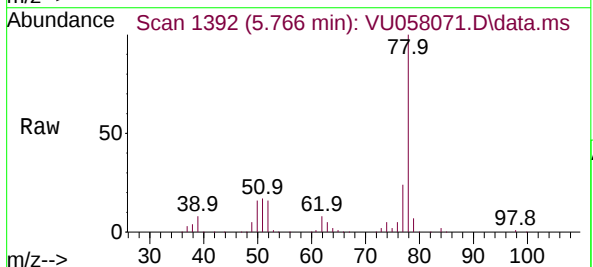
Instrument :
MSVOA_U
ClientSampleId :

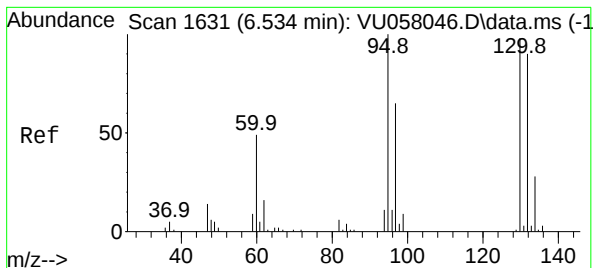
Tgt Ion:117 Resp: 71336
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8



#33
Benzene
Concen: 4.887 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion: 78 Resp: 209193





#34

Trichloroethene

Concen: 4.941 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 55652

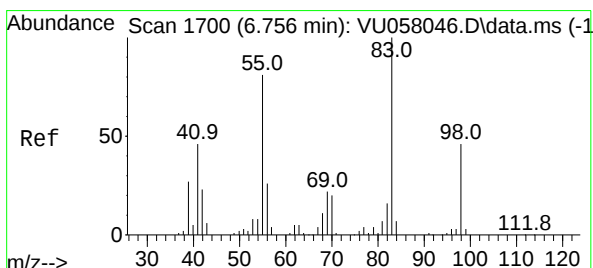
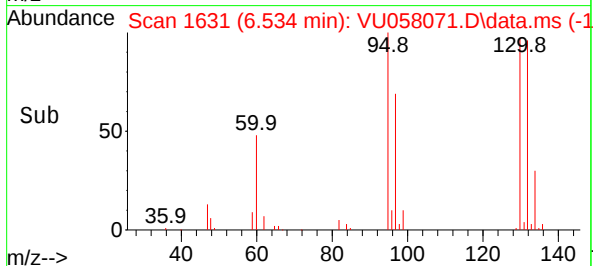
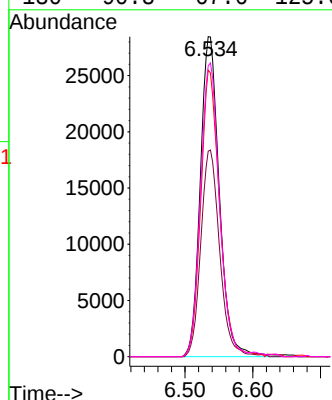
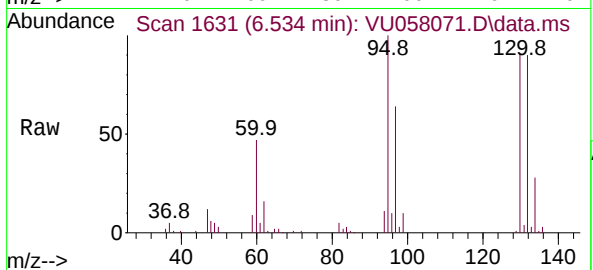
Ion Ratio Lower Upper

95 100

97 64.2 45.3 84.1

132 89.5 63.1 117.1

130 90.8 67.6 125.6



#35

Methylcyclohexane

Concen: 4.696 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

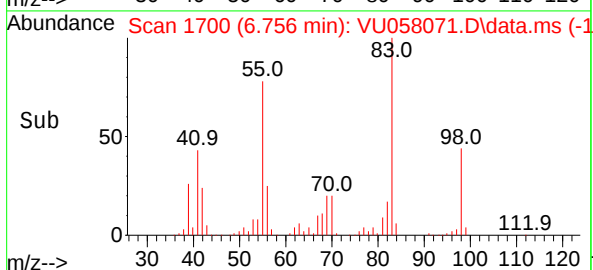
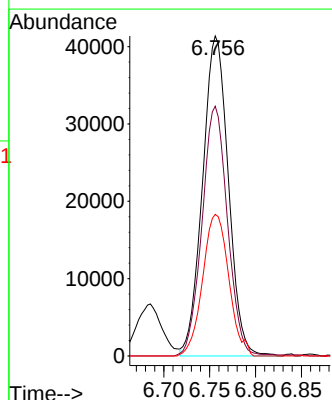
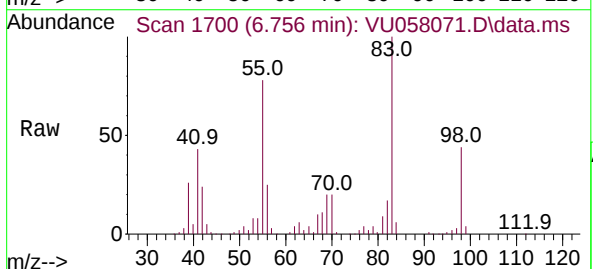
Tgt Ion: 83 Resp: 81076

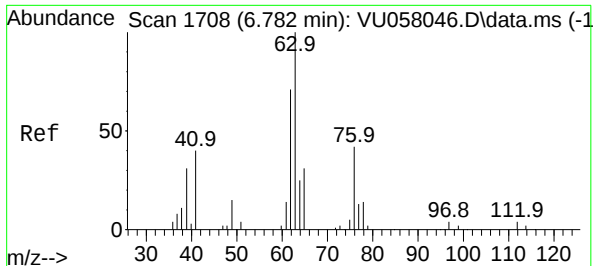
Ion Ratio Lower Upper

83 100

55 77.0 63.0 94.6

98 44.9 36.2 54.4

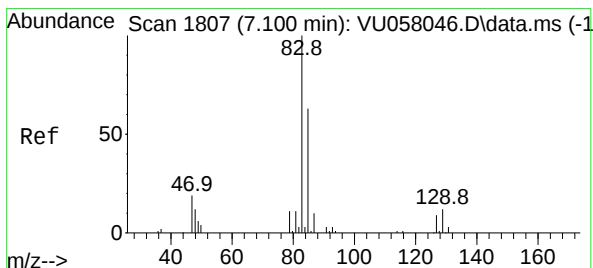
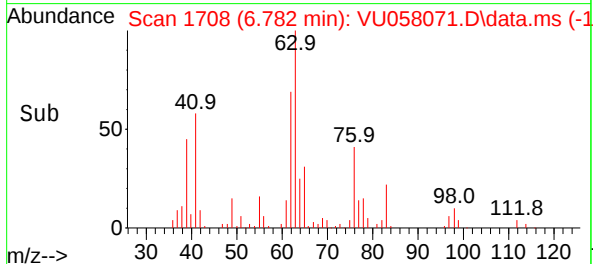
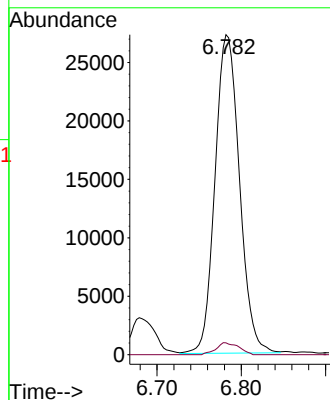
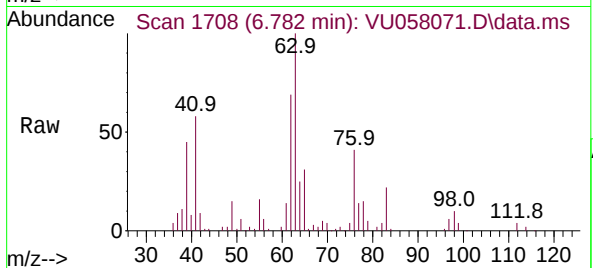




#37
1,2-Dichloropropane
Concen: 4.974 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

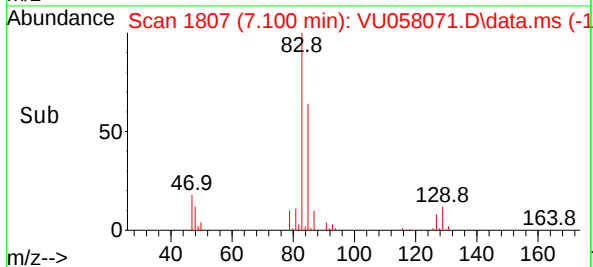
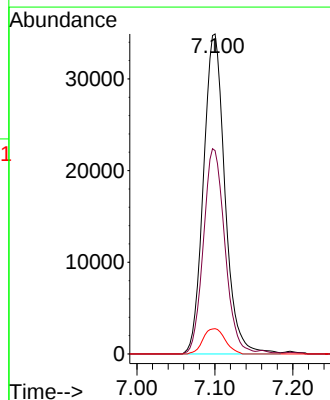
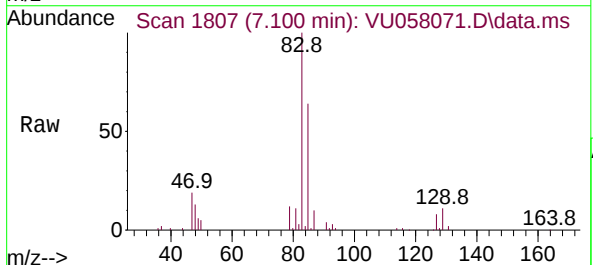
Instrument :
MSVOA_U
ClientSampleId :

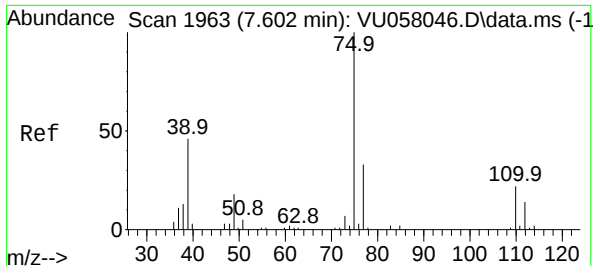
Tgt Ion: 63 Resp: 54894
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4



#38
Bromodichloromethane
Concen: 4.990 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion: 83 Resp: 66826
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
127 7.9 6.6 9.8

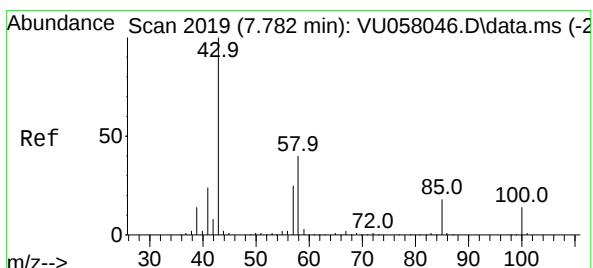
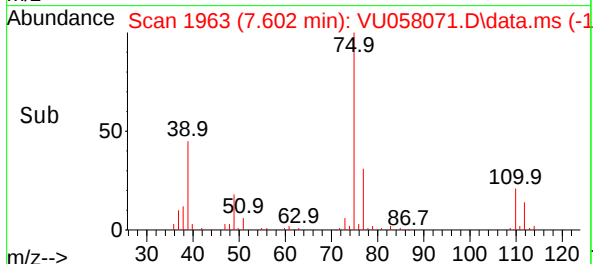
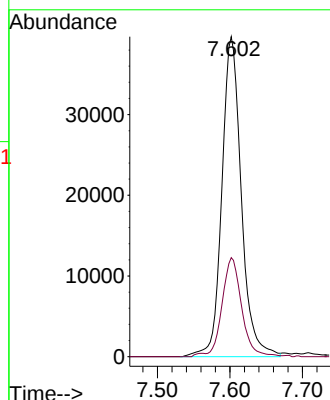
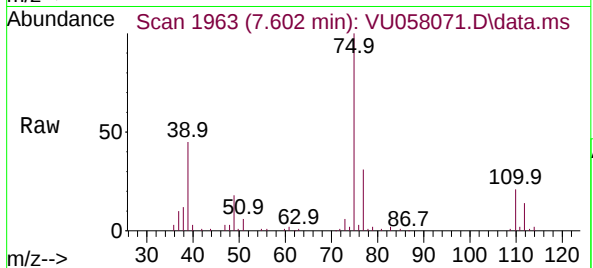




#39
 cis-1,3-Dichloropropene
 Concen: 4.857 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058071.D
 Acq: 13 Mar 2024 09:08

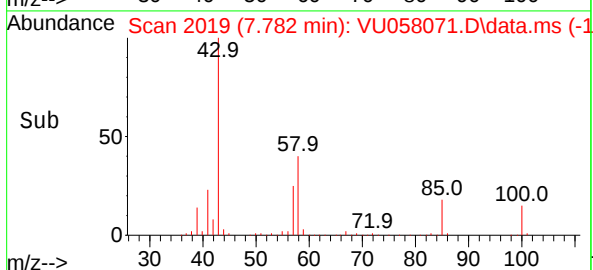
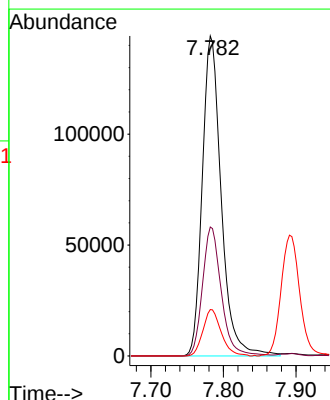
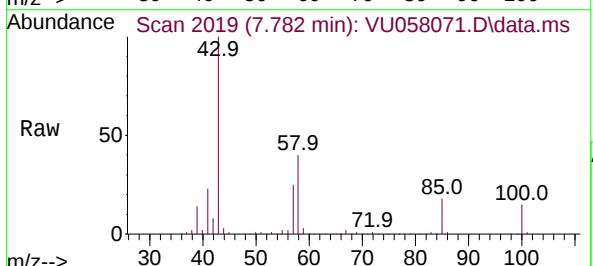
Instrument :
 MSVOA_U
 ClientSampleId :

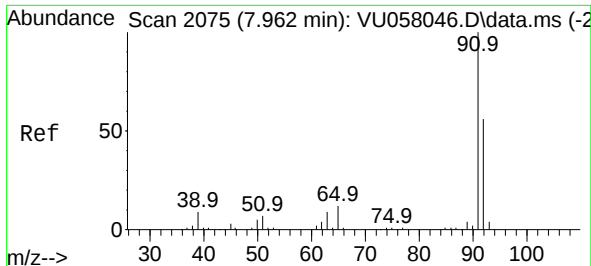
Tgt Ion: 75 Resp: 73858
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 51.602 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058071.D
 Acq: 13 Mar 2024 09:08

Tgt Ion: 43 Resp: 262008
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.7 47.5
 100 14.0 11.3 16.9





#42

Toluene

Concen: 4.872 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

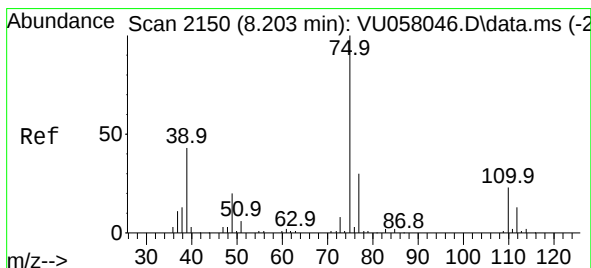
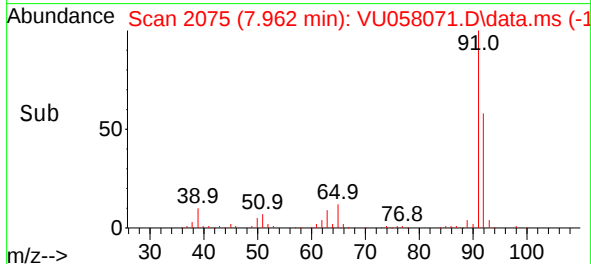
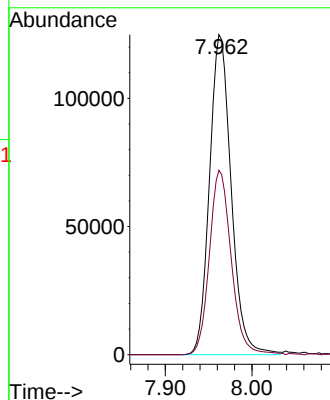
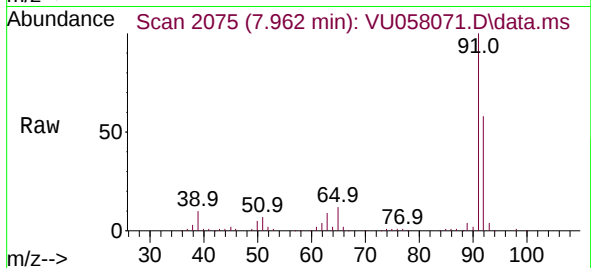
ClientSampleId :

Tgt Ion: 91 Resp: 217169

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.878 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058071.D

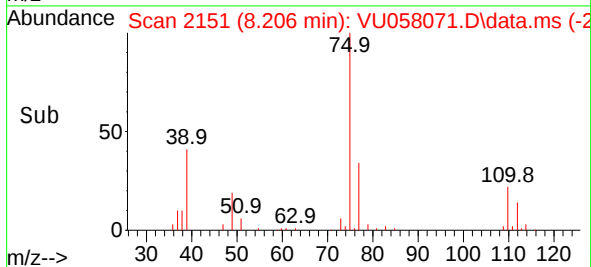
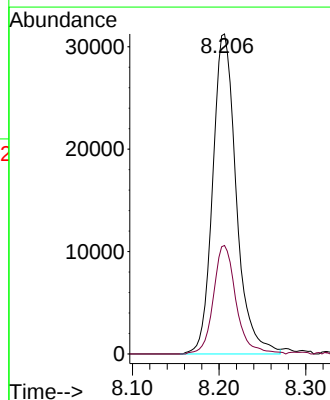
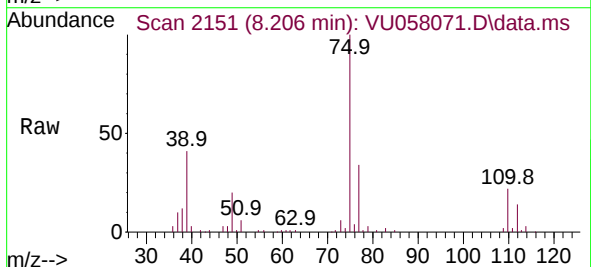
Acq: 13 Mar 2024 09:08

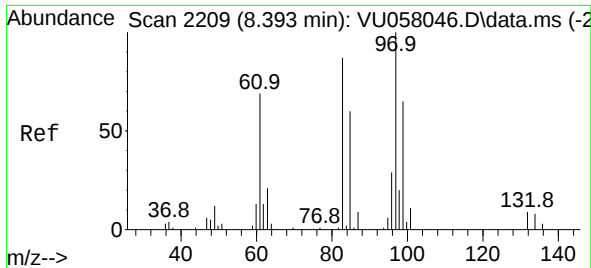
Tgt Ion: 75 Resp: 59113

Ion Ratio Lower Upper

75 100

77 33.9 23.1 42.9

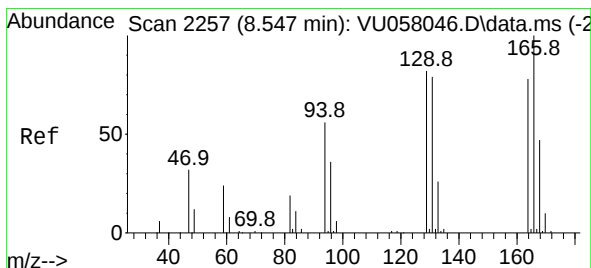
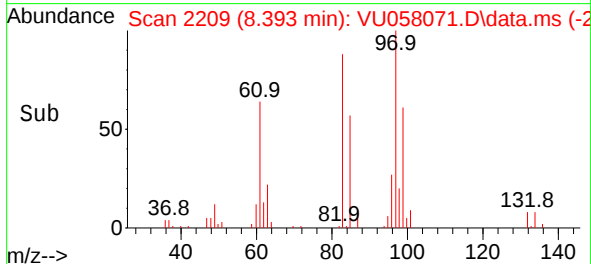
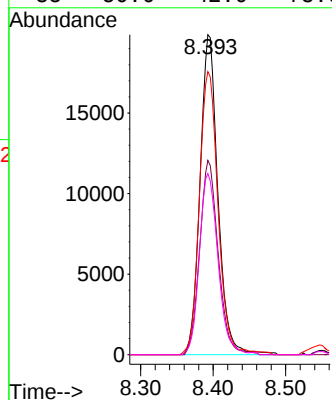
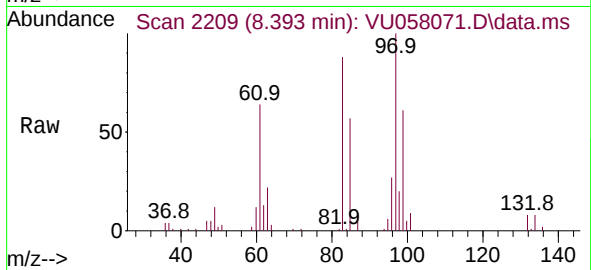




#45
1,1,2-Trichloroethane
Concen: 5.188 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

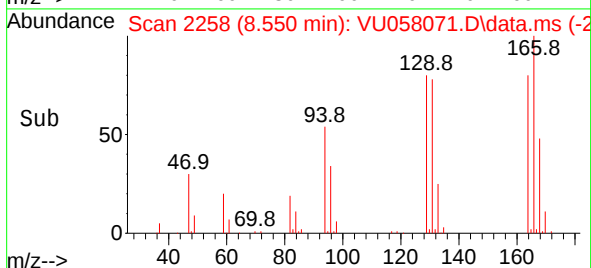
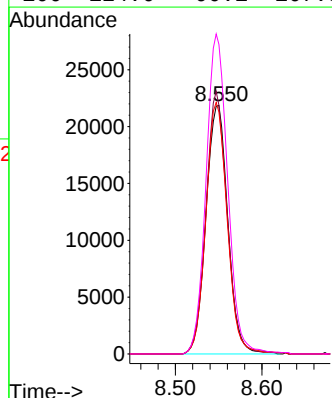
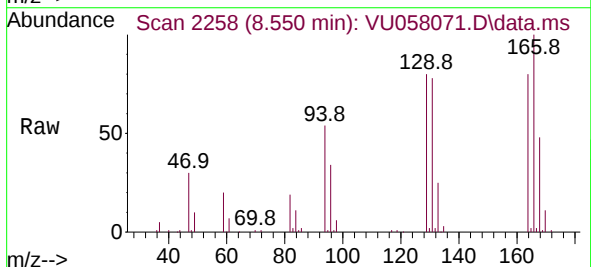
Instrument :
MSVOA_U
ClientSampleId :

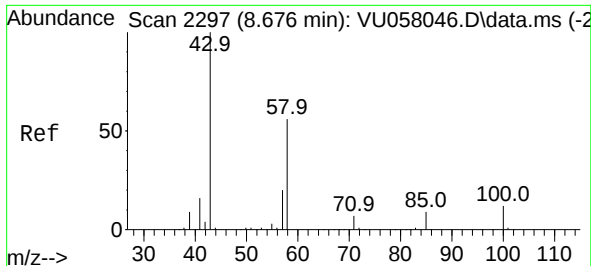
Tgt Ion:	97	Resp:	33954
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.2	82.2
83	88.4	64.2	119.2
85	56.6	42.0	78.0



#47
Tetrachloroethene
Concen: 4.911 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:	164	Resp:	38370
Ion	Ratio	Lower	Upper
164	100		
129	100.1	69.3	128.7
131	97.3	69.9	129.9
166	124.6	90.1	167.3





#48

2-Hexanone

Concen: 50.640 ug/L

RT: 8.679 min Scan# 2297

Delta R.T. 0.003 min

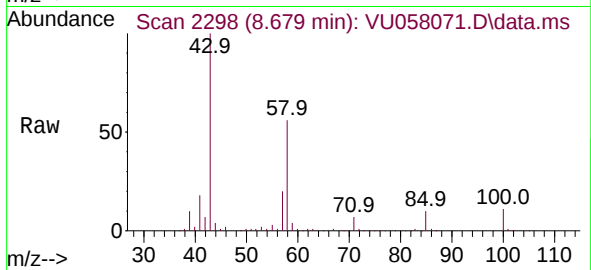
Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 188561

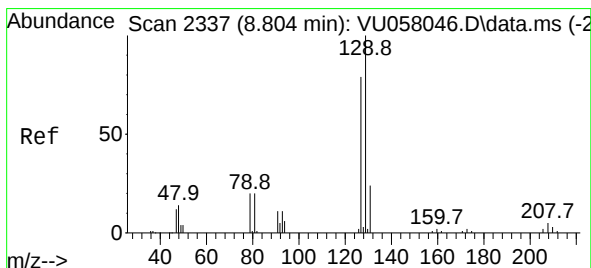
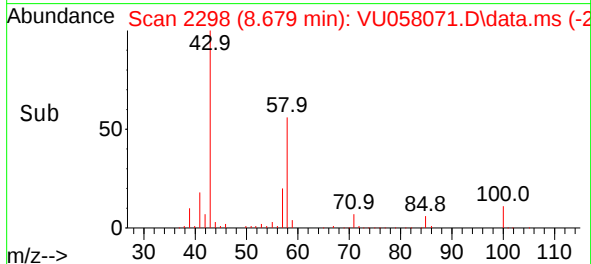
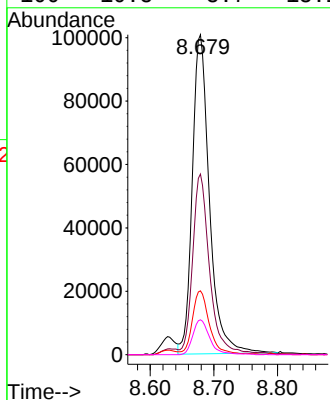
Ion Ratio Lower Upper

43 100

58 55.6 43.3 64.9

57 19.1 15.2 22.8

100 10.8 8.7 13.1



#49

Dibromochloromethane

Concen: 5.164 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058071.D

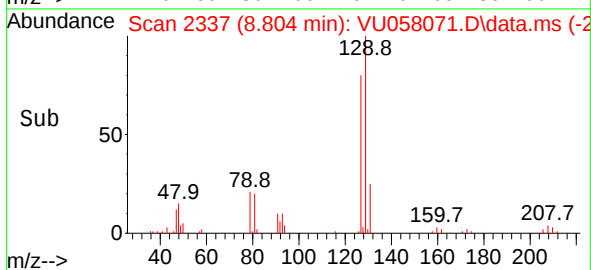
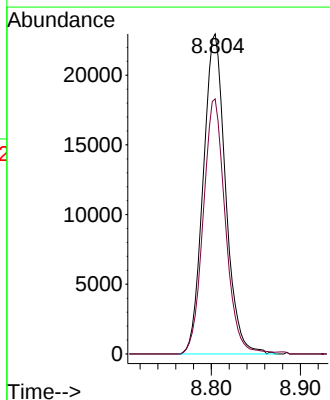
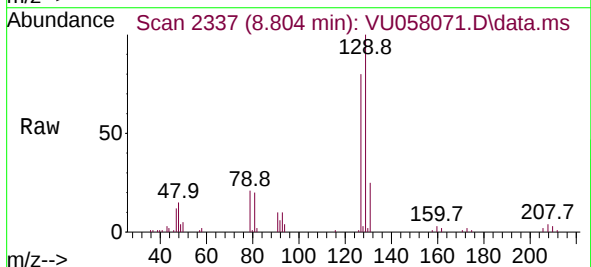
Acq: 13 Mar 2024 09:08

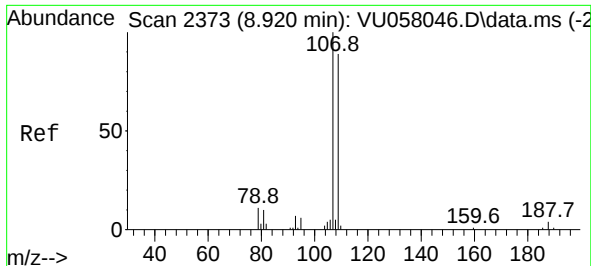
Tgt Ion: 129 Resp: 40003

Ion Ratio Lower Upper

129 100

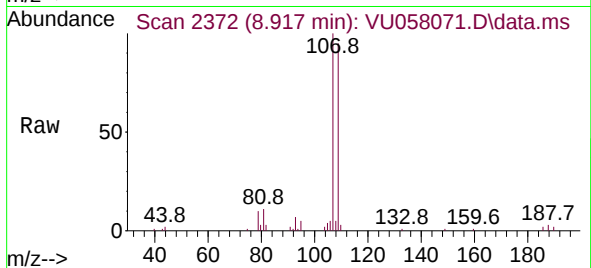
127 79.7 55.2 102.6



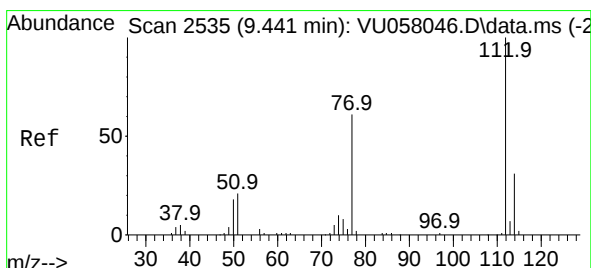
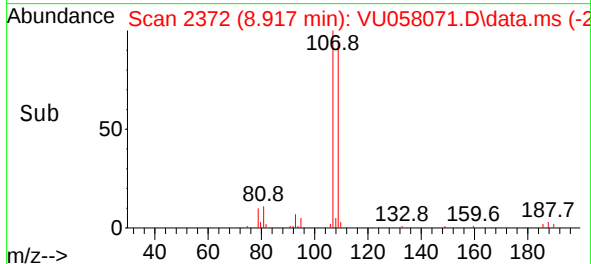
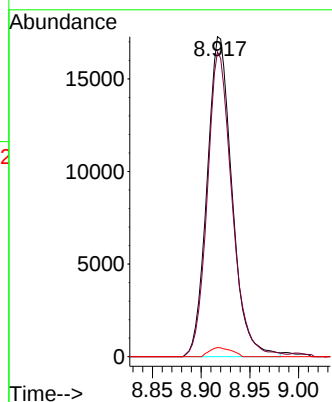


#50
1,2-Dibromoethane
Concen: 5.303 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Instrument :
MSVOA_U
ClientSampleId :

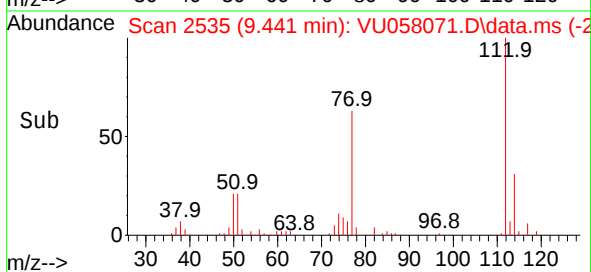
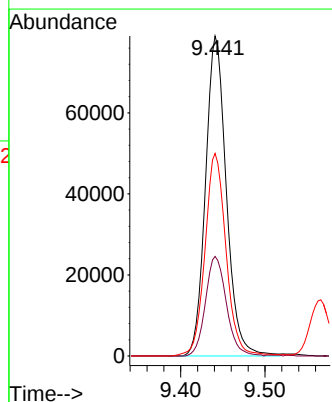
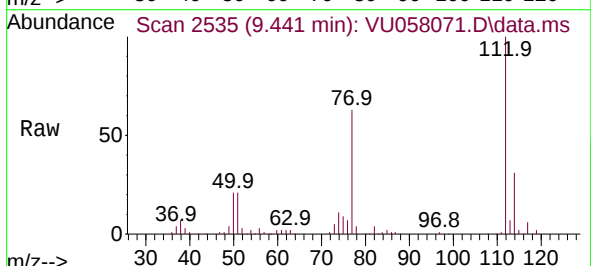


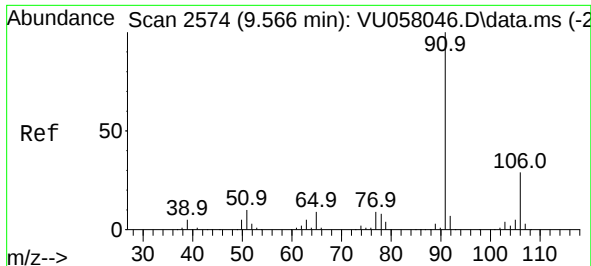
Tgt Ion:107 Resp: 30800
Ion Ratio Lower Upper
107 100
109 95.2 67.8 125.8
188 2.8 2.4 3.6



#51
Chlorobenzene
Concen: 4.867 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:112 Resp: 136061
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.1
77 63.3 52.3 78.5





#52

Ethylbenzene

Concen: 4.881 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

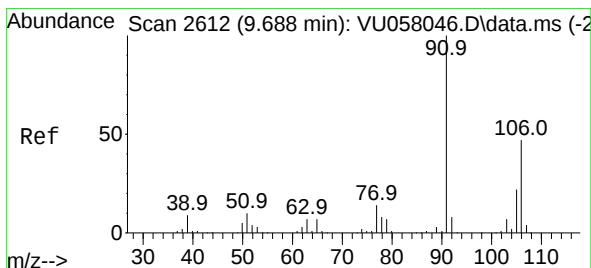
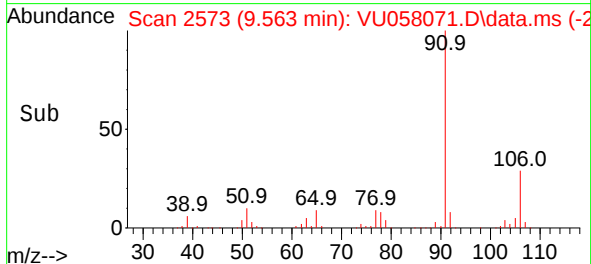
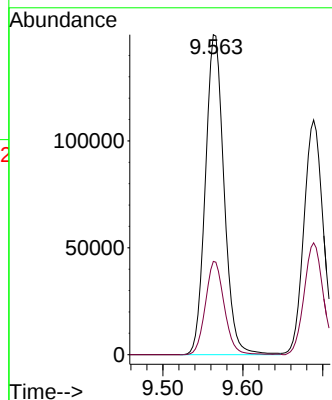
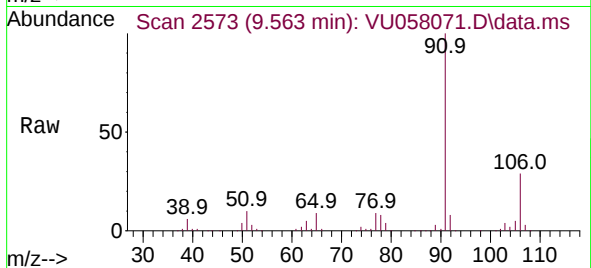
ClientSampleId :

Tgt Ion: 91 Resp: 243487

Ion Ratio Lower Upper

91 100

106 29.1 20.9 38.7



#53

m,p-Xylene

Concen: 4.985 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058071.D

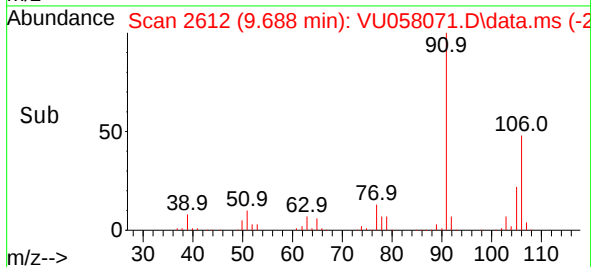
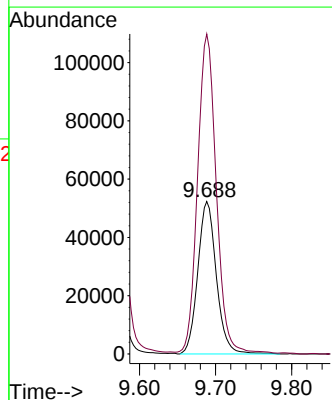
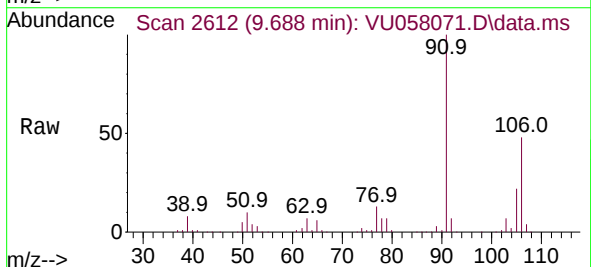
Acq: 13 Mar 2024 09:08

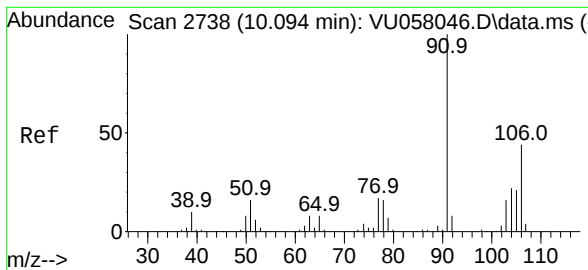
Tgt Ion:106 Resp: 88842

Ion Ratio Lower Upper

106 100

91 209.8 148.8 276.4

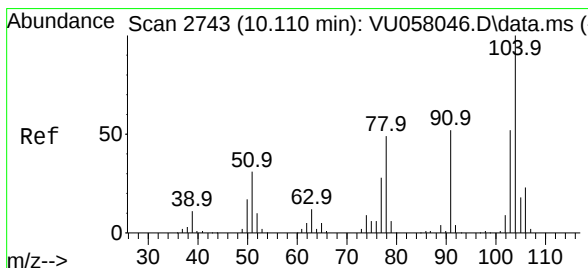
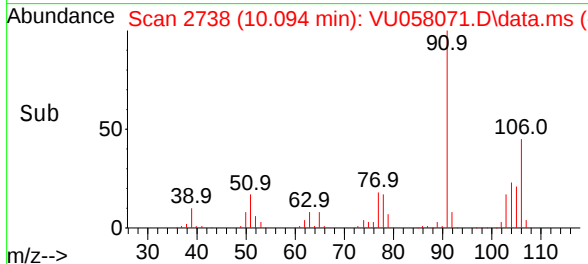
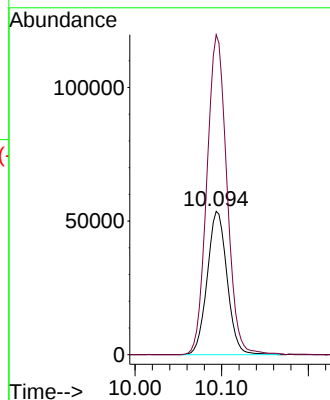
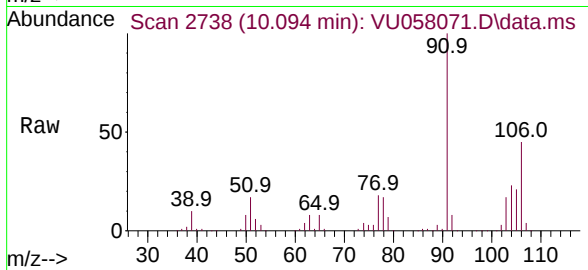




#54
o-Xylene
Concen: 4.820 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

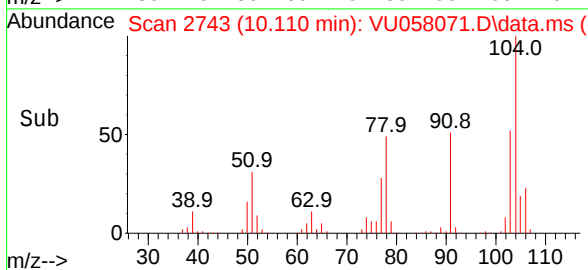
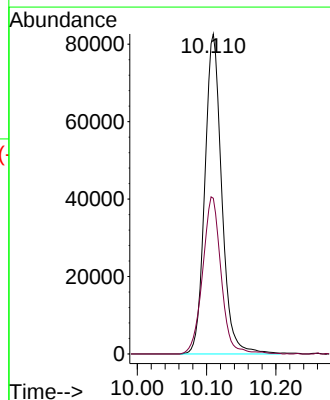
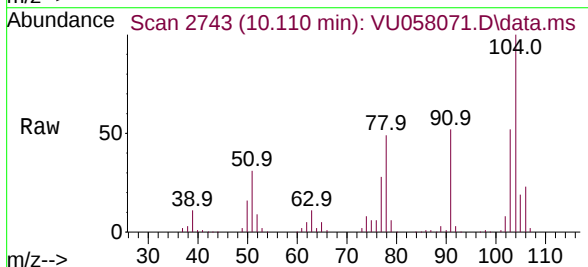
Instrument :
MSVOA_U
ClientSampleId :

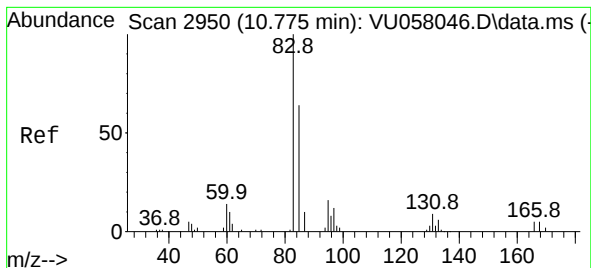
Tgt Ion:106 Resp: 85624
Ion Ratio Lower Upper
106 100
91 223.1 158.3 294.1



#55
Styrene
Concen: 5.019 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:104 Resp: 139918
Ion Ratio Lower Upper
104 100
78 48.7 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.153 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

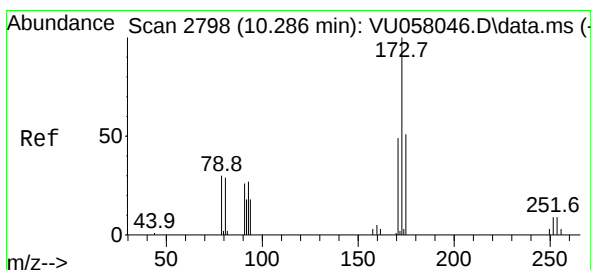
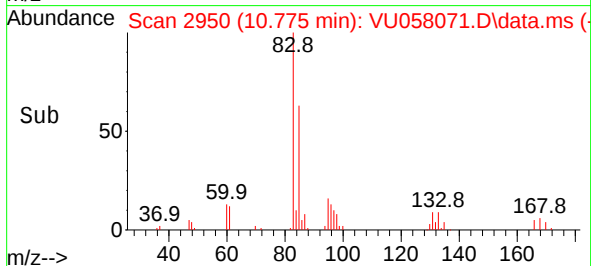
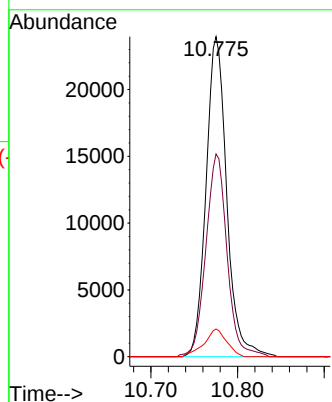
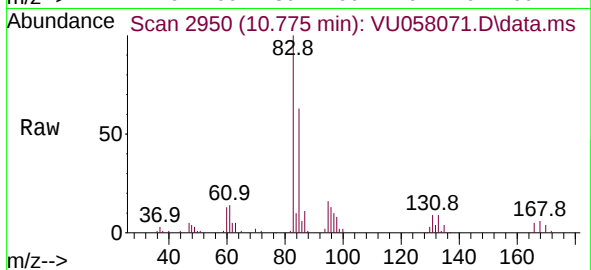
Tgt Ion: 83 Resp: 39727

Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.043 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

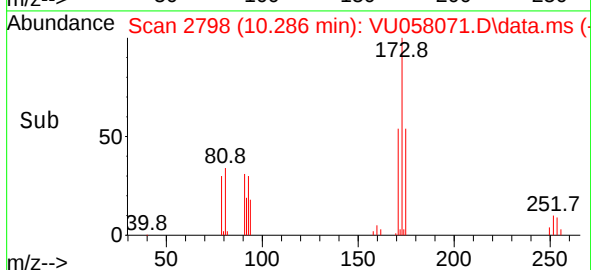
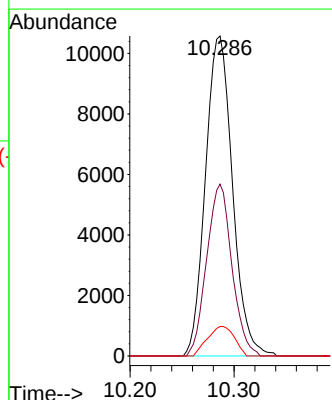
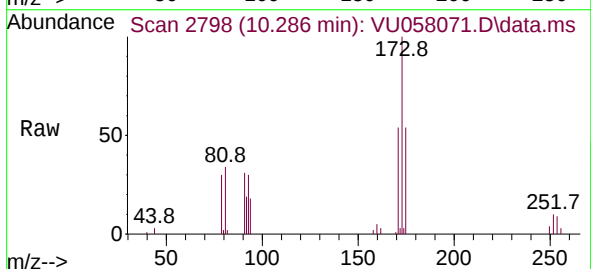
Tgt Ion:173 Resp: 19119

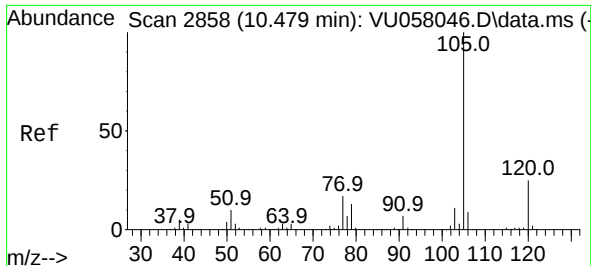
Ion Ratio Lower Upper

173 100

175 50.0 38.6 57.8

254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 4.913 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

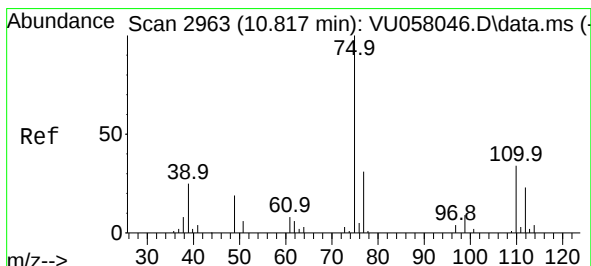
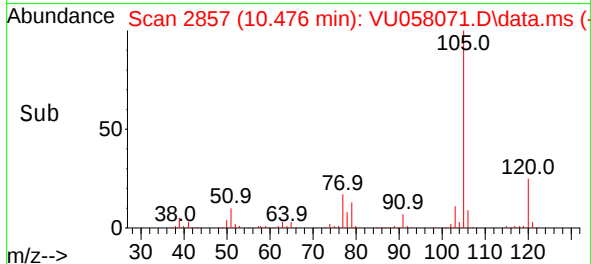
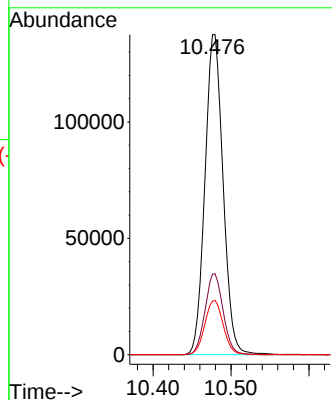
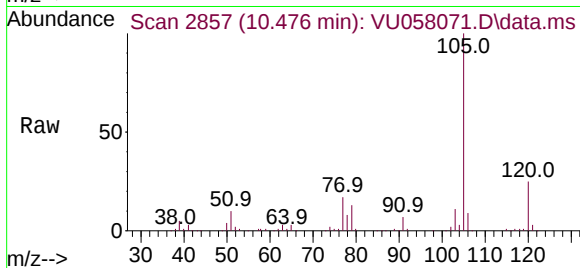
Tgt Ion:105 Resp: 222427

Ion Ratio Lower Upper

105 100

120 25.2 20.4 30.6

77 17.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.246 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

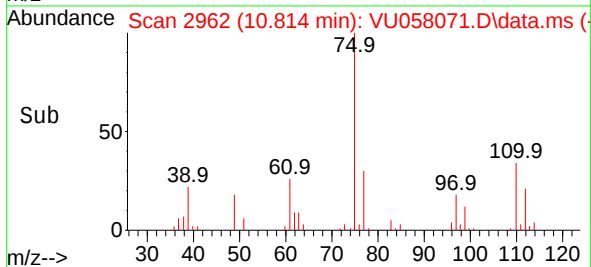
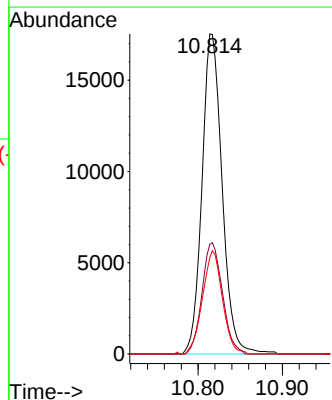
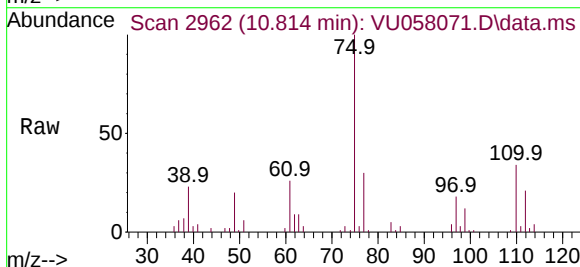
Tgt Ion: 75 Resp: 29208

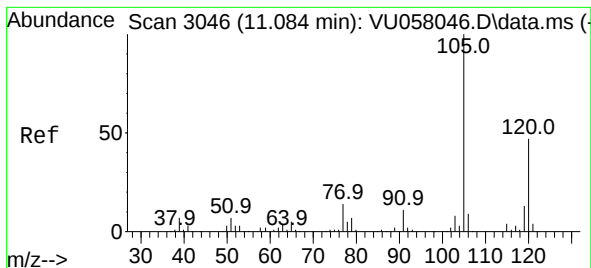
Ion Ratio Lower Upper

75 100

110 35.2 28.0 42.0

77 31.8 24.7 37.1

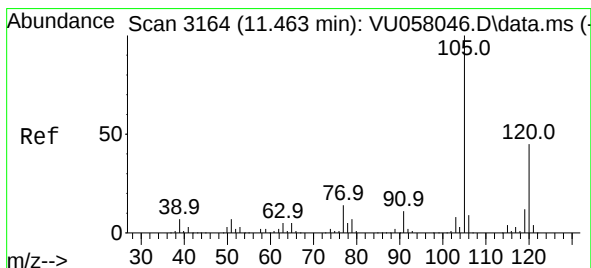
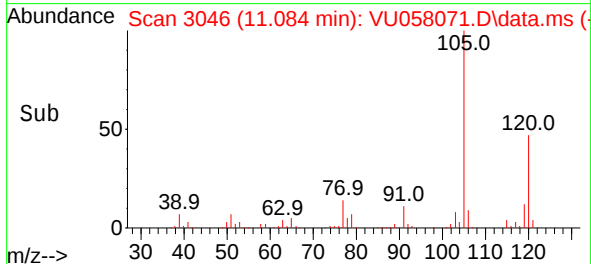
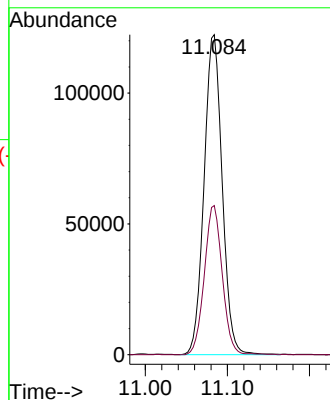
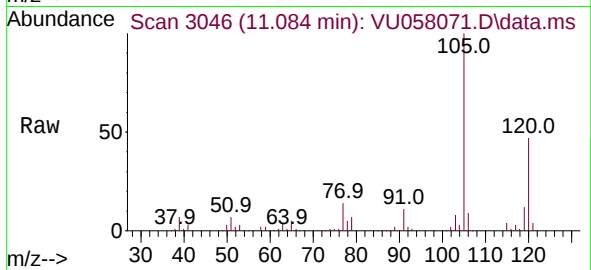




#62
1,3,5-Trimethylbenzene
Concen: 4.918 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

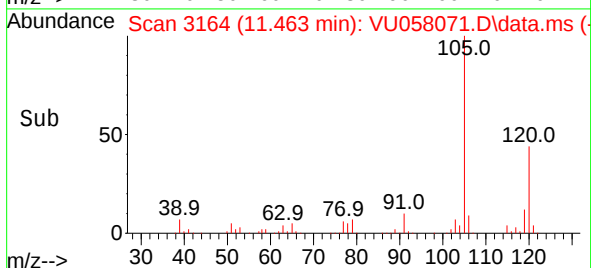
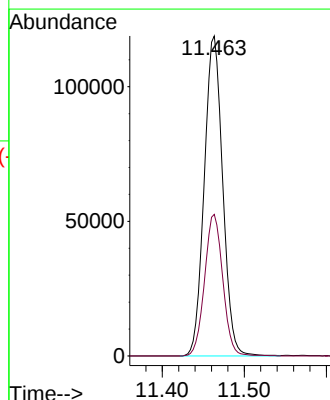
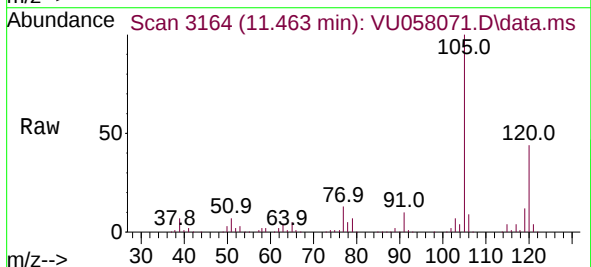
Instrument :
MSVOA_U
ClientSampleId :

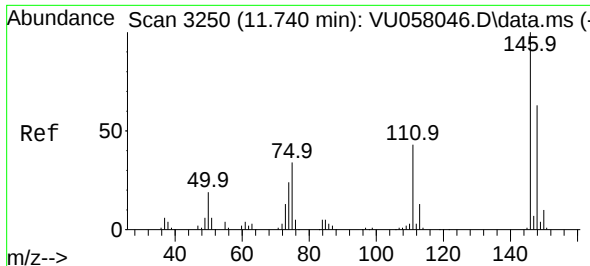
Tgt Ion:105 Resp: 187785
Ion Ratio Lower Upper
105 100
120 46.2 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 4.930 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU058071.D
Acq: 13 Mar 2024 09:08

Tgt Ion:105 Resp: 185775
Ion Ratio Lower Upper
105 100
120 43.6 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.004 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

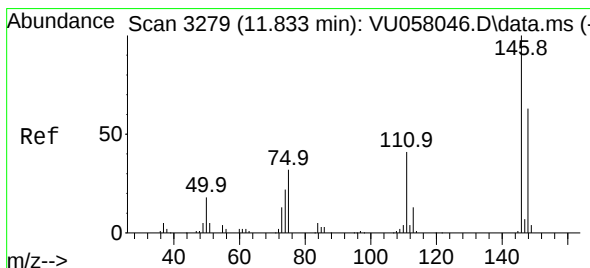
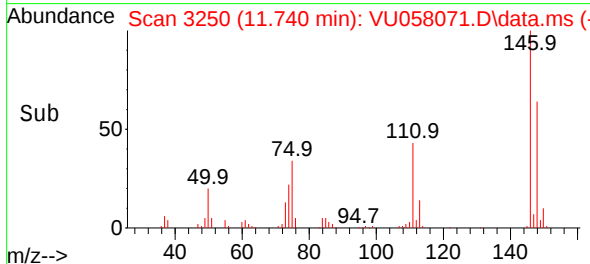
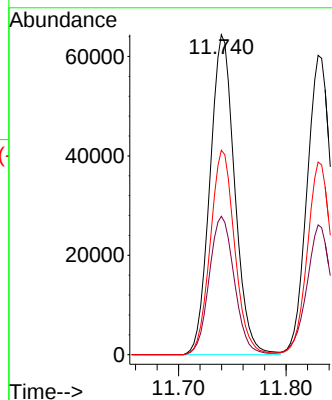
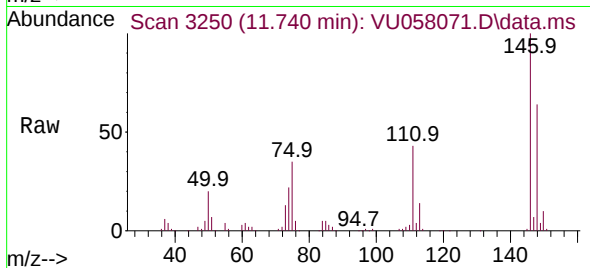
Tgt Ion:146 Resp: 102956

Ion Ratio Lower Upper

146 100

111 43.2 30.9 57.5

148 63.9 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 4.959 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

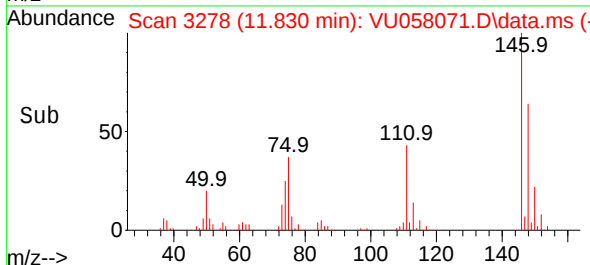
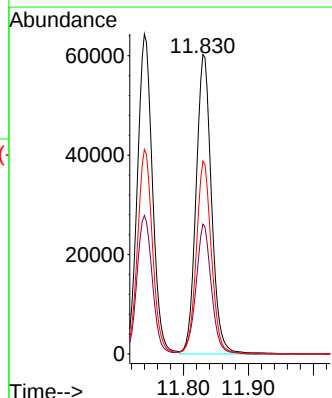
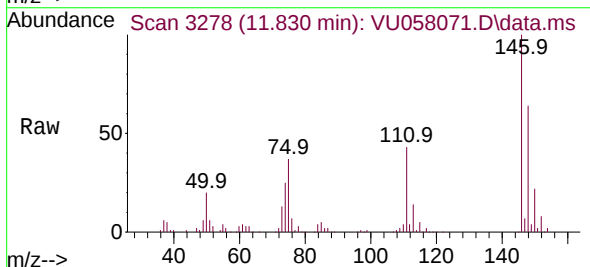
Tgt Ion:146 Resp: 99872

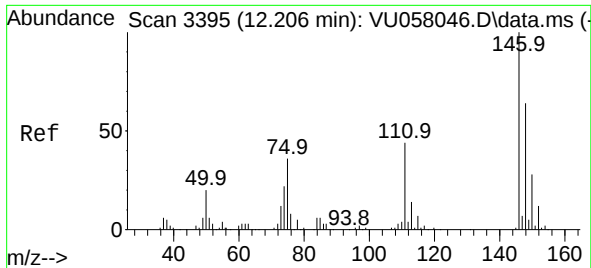
Ion Ratio Lower Upper

146 100

111 43.4 30.1 55.9

148 64.4 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.014 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

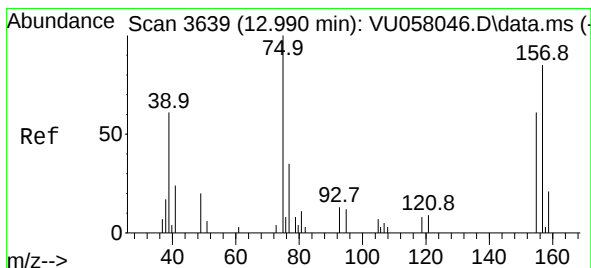
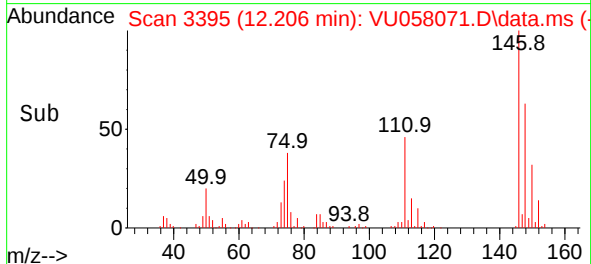
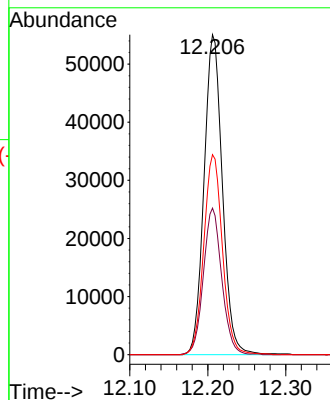
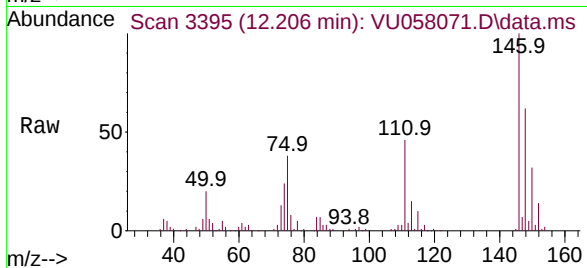
Tgt Ion:146 Resp: 90068

Ion Ratio Lower Upper

146 100

111 45.8 37.4 56.0

148 62.5 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.673 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

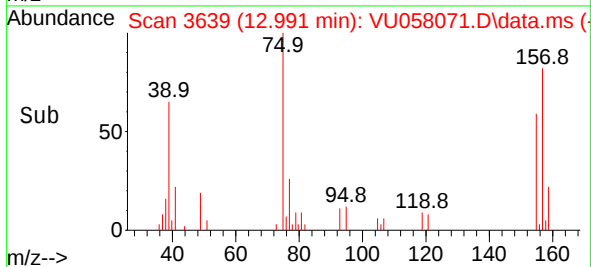
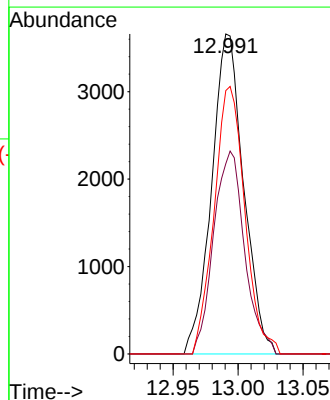
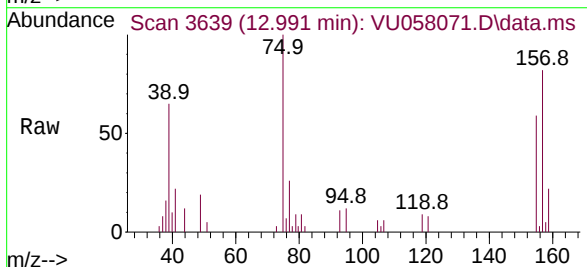
Tgt Ion: 75 Resp: 6267

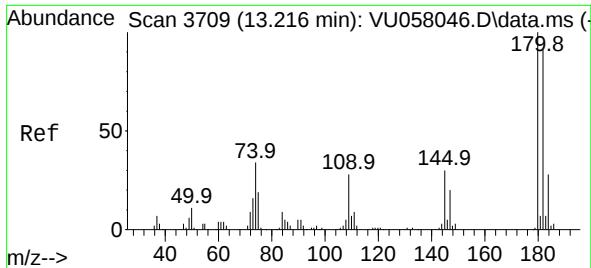
Ion Ratio Lower Upper

75 100

155 59.5 61.0 91.6#

157 82.3 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 4.826 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

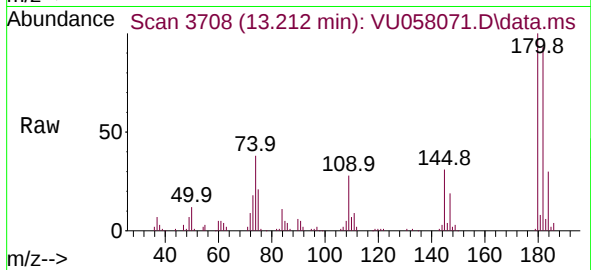
Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 71430

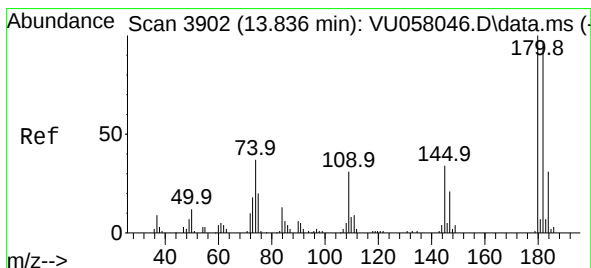
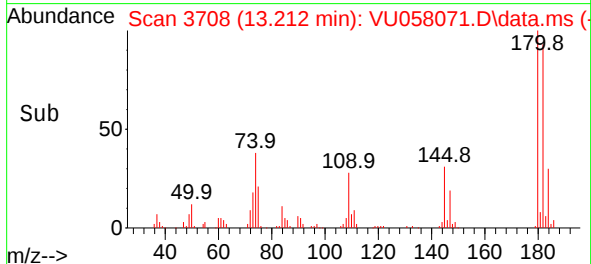
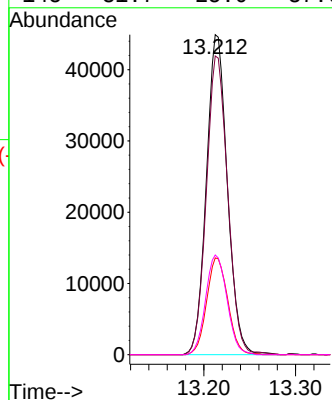
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

184 30.6 24.6 36.8

145 31.7 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 4.707 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

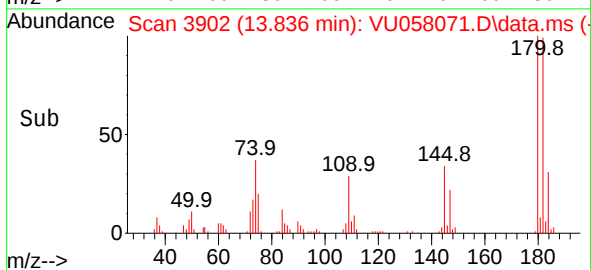
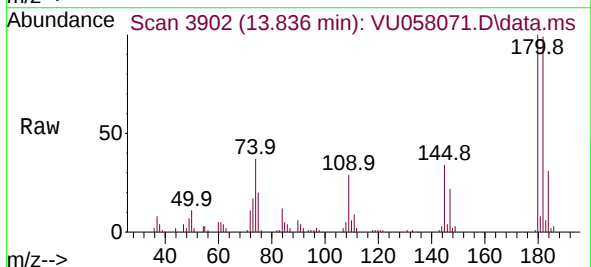
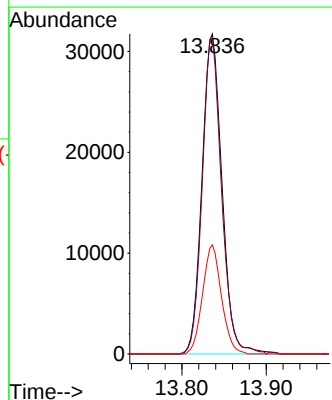
Tgt Ion:180 Resp: 52344

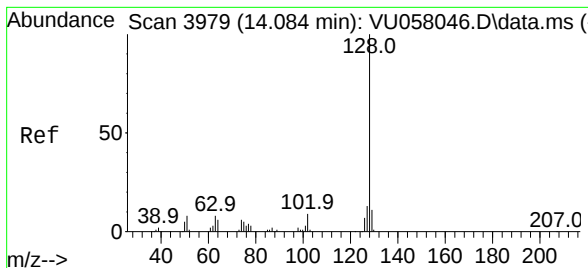
Ion Ratio Lower Upper

180 100

182 95.7 77.9 116.9

145 32.3 25.8 38.8





#71

Naphthalene

Concen: 4.111 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Instrument :

MSVOA_U

ClientSampleId :

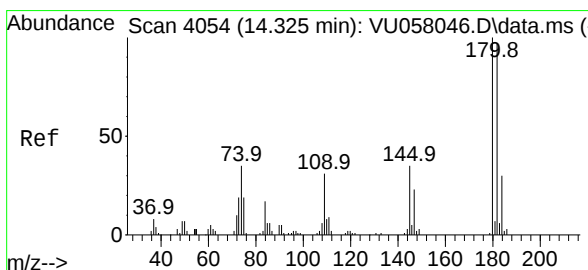
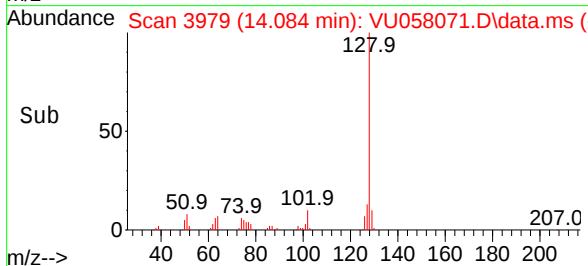
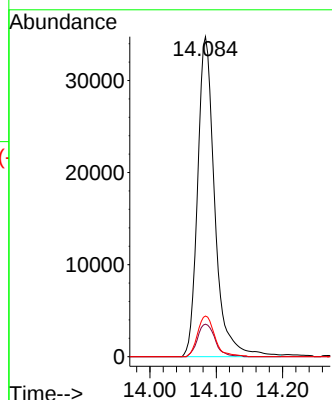
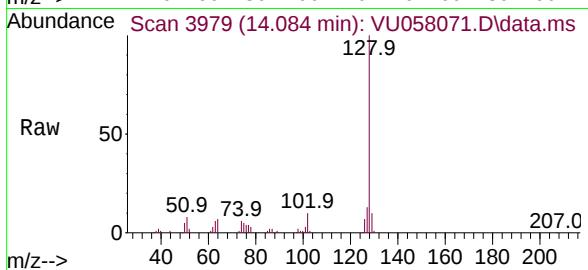
Tgt Ion:128 Resp: 62441

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

127 12.8 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.733 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU058071.D

Acq: 13 Mar 2024 09:08

Tgt Ion:180 Resp: 41574

Ion Ratio Lower Upper

180 100

182 93.8 77.6 116.4

145 34.8 28.7 43.1

