

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058502.D
 Acq On : 09 Apr 2024 04:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:56:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15578	3.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	15579	3.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	7257	3.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.627	46	60333	57.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.720%
24) Chloroform-d	5.052	84	48030	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	22423	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.717	84	79342	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	27497	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	68948	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	8319	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	43451	56.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21338	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	25803	4.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	31470	5.052	ug/L	99
3) Chloromethane	1.515	50	38867	5.098	ug/L	99
5) Vinyl chloride	1.599	62	40929	5.376	ug/L	99
6) Bromomethane	1.853	94	15778	4.381	ug/L	98
8) Chloroethane	1.927	64	25611	5.325	ug/L	96
9) Trichlorofluoromethane	2.132	101	53409	5.312	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31090	5.204	ug/L	97
12) 1,1-Dichloroethene	2.573	96	28221	5.328	ug/L	88
13) Acetone	2.640	43	42870	48.171	ug/L	99
14) Carbon disulfide	2.785	76	88692	5.272	ug/L	99
15) Methyl Acetate	2.952	43	11881	5.658	ug/L	96
16) Methylene chloride	3.036	84	37369	5.316	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	67209	5.372	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	30885	5.564	ug/L	97
19) 1,1-Dichloroethane	3.856	63	67725	5.590	ug/L	95
21) 2-Butanone	4.705	43	68832	51.746	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	37216	5.970	ug/L	93
23) Bromochloromethane	4.965	128	13356	5.438	ug/L	99
25) Chloroform	5.078	83	65385	5.576	ug/L	99

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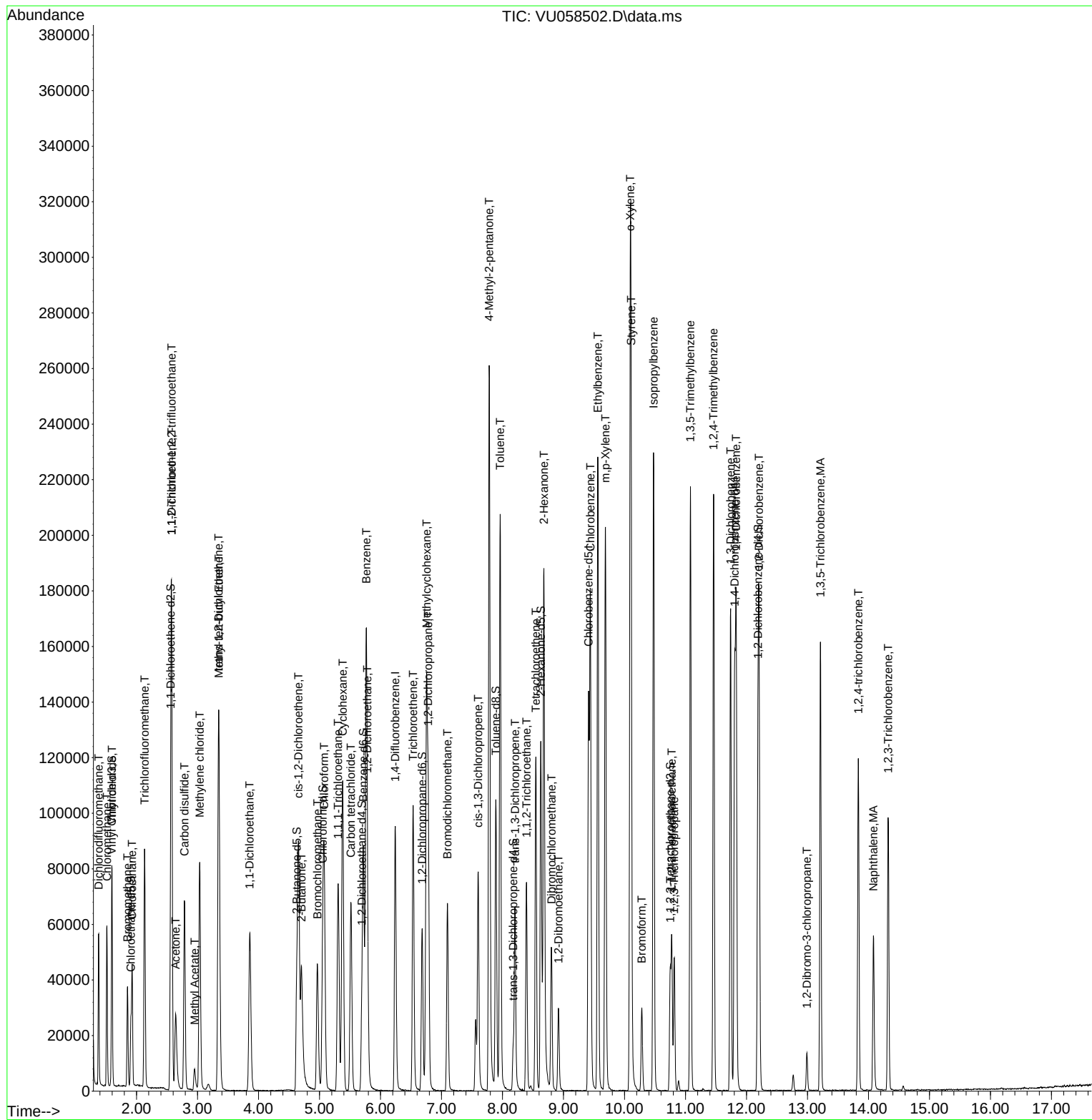
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	39320	5.506	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	53909	5.603	ug/L	99
30) Cyclohexane	5.380	56	53607	5.276	ug/L	99
31) Carbon tetrachloride	5.515	117	45104	5.536	ug/L	99
33) Benzene	5.766	78	142074	5.462	ug/L	100
34) Trichloroethene	6.534	95	35043	5.345	ug/L	94
35) Methylcyclohexane	6.756	83	50557	5.118	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39397	5.757	ug/L	99
38) Bromodichloromethane	7.097	83	43480	5.566	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	45440	5.222	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	179910	55.850	ug/L	99
42) Toluene	7.962	91	148305	5.436	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	36794	5.361	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	22297	5.578	ug/L	97
47) Tetrachloroethene	8.547	164	24424	5.081	ug/L	95
48) 2-Hexanone	8.679	43	127440	55.728	ug/L	98
49) Dibromochloromethane	8.804	129	25423	5.502	ug/L	99
50) 1,2-Dibromoethane	8.917	107	19956	5.459	ug/L	98
51) Chlorobenzene	9.441	112	89580	5.426	ug/L	99
52) Ethylbenzene	9.563	91	155853	5.392	ug/L	99
53) m,p-Xylene	9.688	106	57211	5.527	ug/L	99
54) o-Xylene	10.093	106	54666	5.387	ug/L	100
55) Styrene	10.110	104	90642	5.552	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	26863	5.449	ug/L	100
59) Bromoform	10.283	173	12911	5.429	ug/L	99
60) Isopropylbenzene	10.476	105	141346	5.425	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	19414	5.346	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	113160	5.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	116273	5.359	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	66384	5.245	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	64286	5.213	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	59139	5.137	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3822	6.206	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	45756	4.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35048	4.856	ug/L	98
71) Naphthalene	14.080	128	45191	4.569	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	29077	4.879	ug/L	98

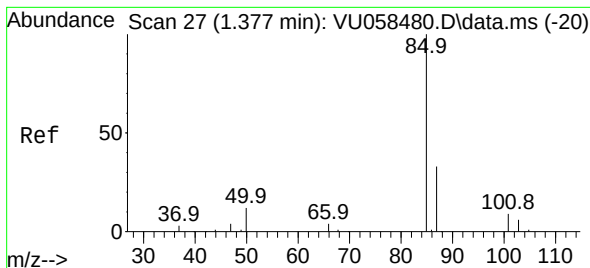
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.052 ug/L

RT: 1.380 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

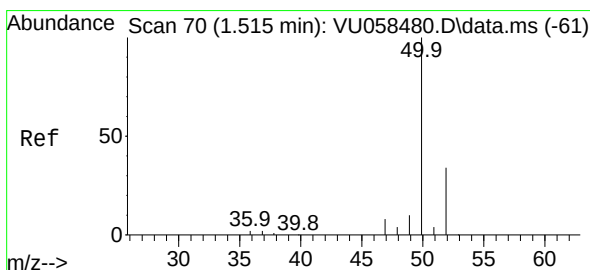
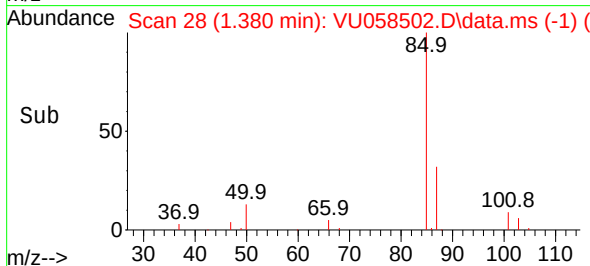
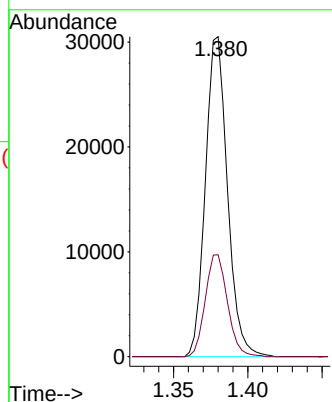
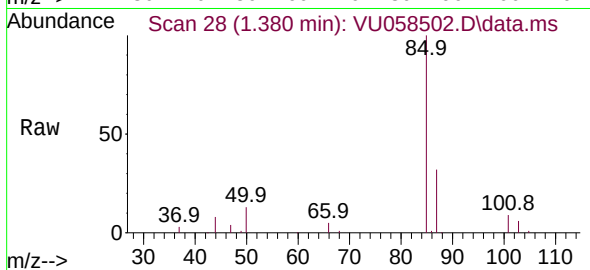
ClientSampleId :

Tgt Ion: 85 Resp: 31470

Ion Ratio Lower Upper

85 100

87 32.0 25.9 38.9



#3

Chloromethane

Concen: 5.098 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058502.D

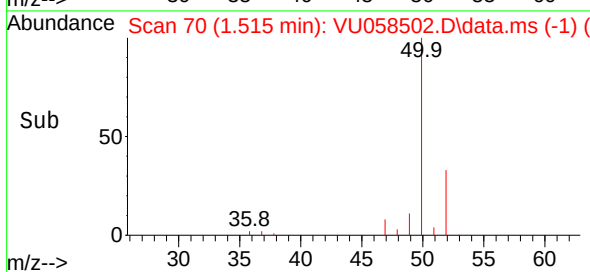
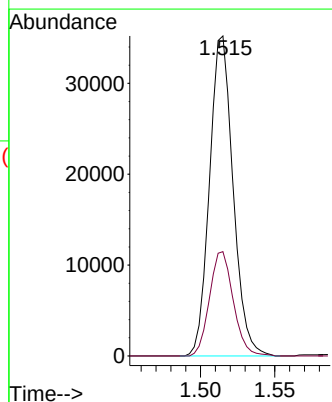
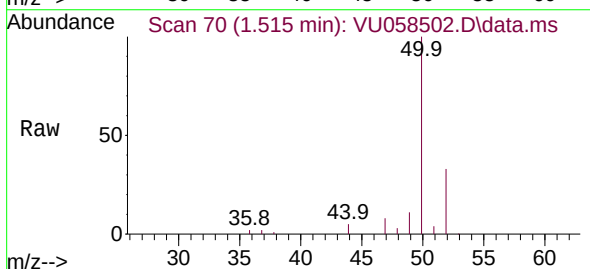
Acq: 09 Apr 2024 04:47

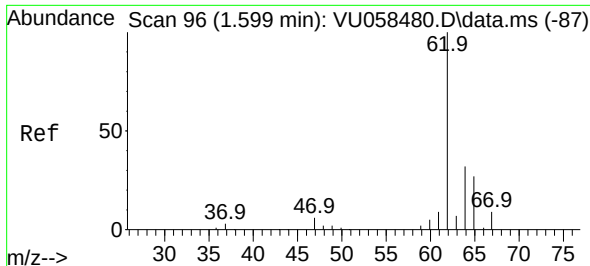
Tgt Ion: 50 Resp: 38867

Ion Ratio Lower Upper

50 100

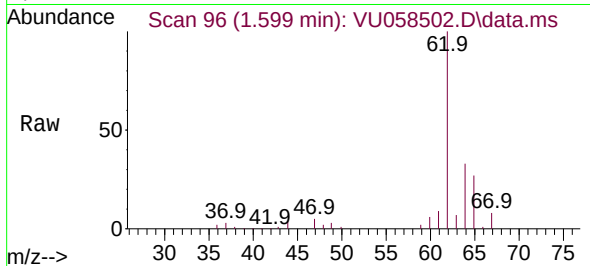
52 32.6 22.6 42.0



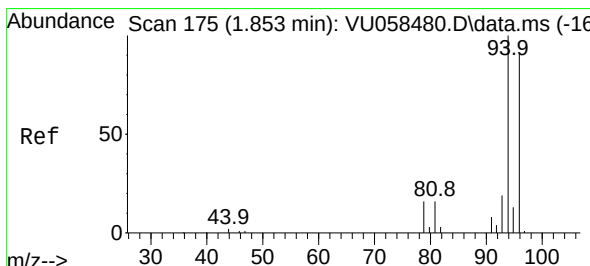
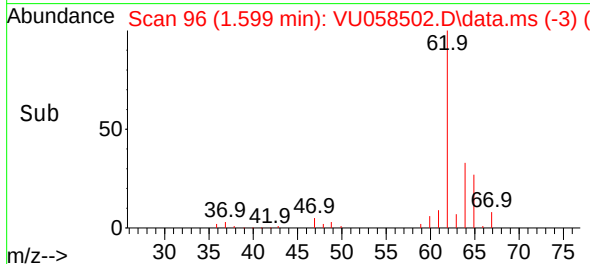
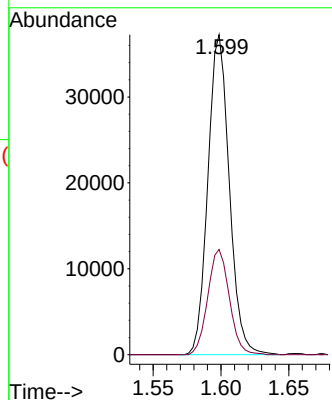


#5
 Vinyl chloride
 Concen: 5.376 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058502.D
 Acq: 09 Apr 2024 04:47

Instrument :
 MSVOA_U
 ClientSampleId :

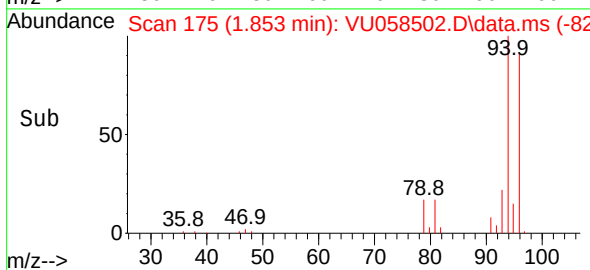
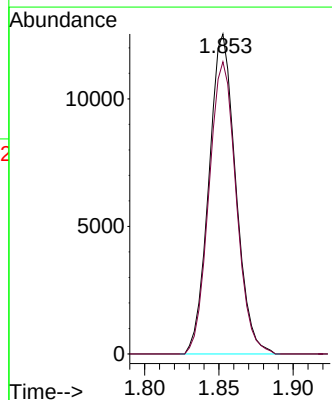
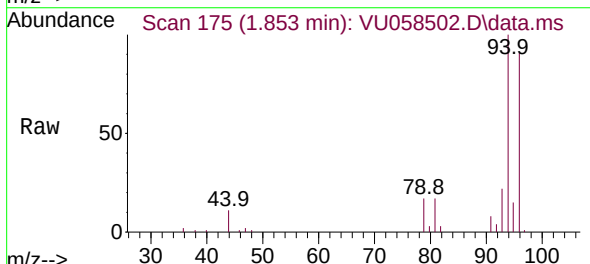


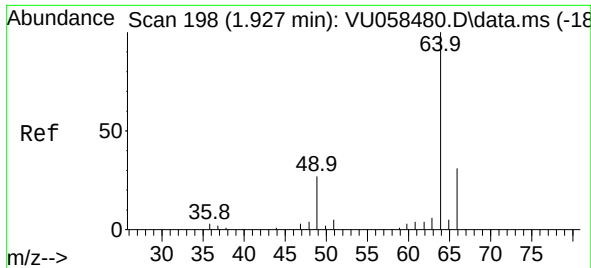
Tgt Ion: 62 Resp: 40929
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.6 42.0



#6
 Bromomethane
 Concen: 4.381 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU058502.D
 Acq: 09 Apr 2024 04:47

Tgt Ion: 94 Resp: 15778
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.4 121.4

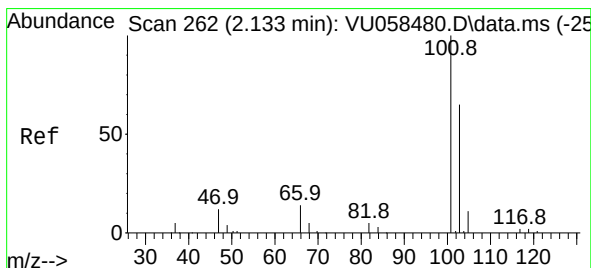
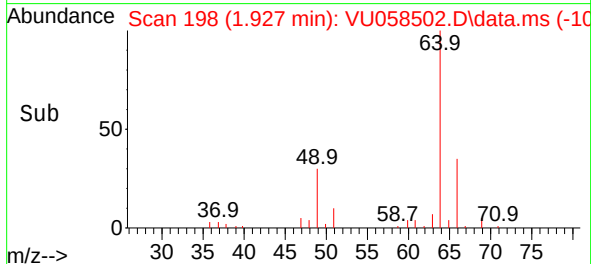
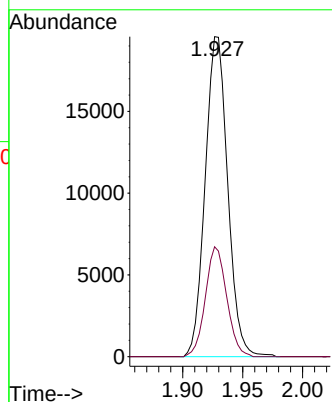
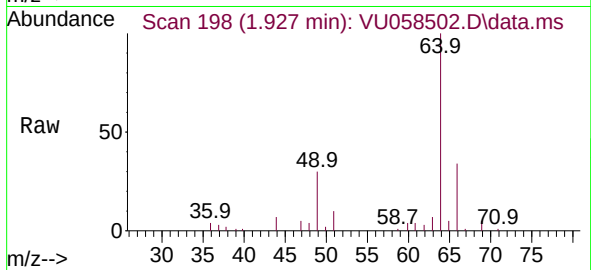




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

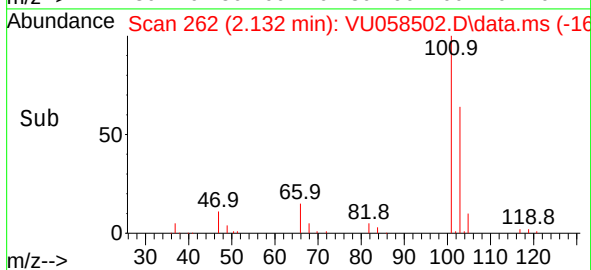
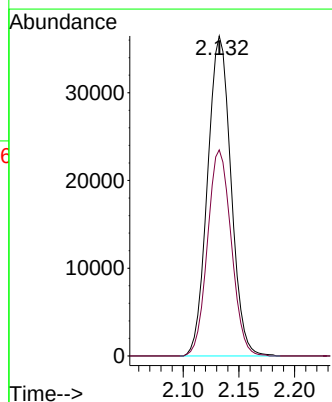
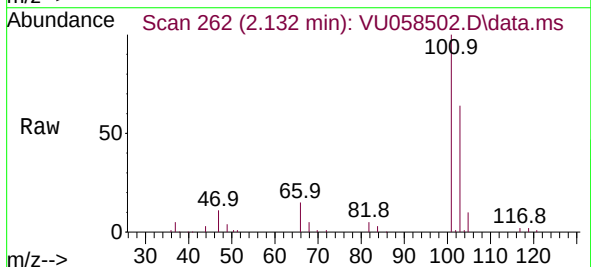
Instrument :
MSVOA_U
ClientSampleId :

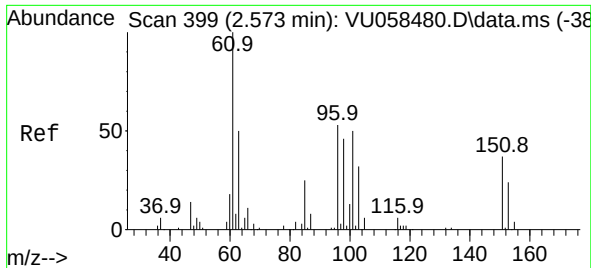
Tgt Ion: 64 Resp: 25611
Ion Ratio Lower Upper
64 100
66 34.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.312 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:101 Resp: 53409
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

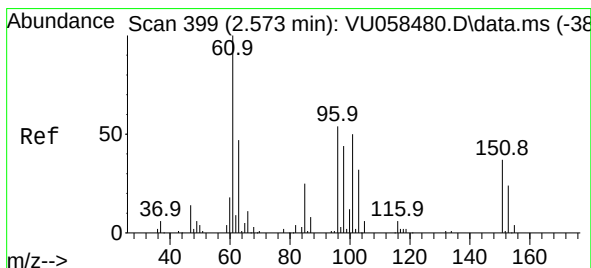
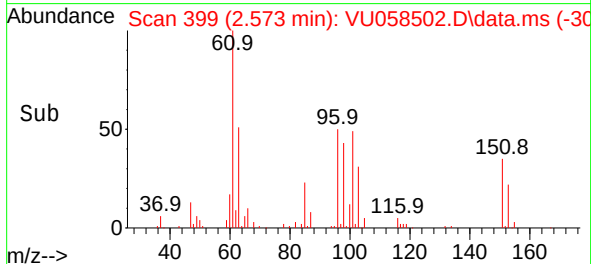
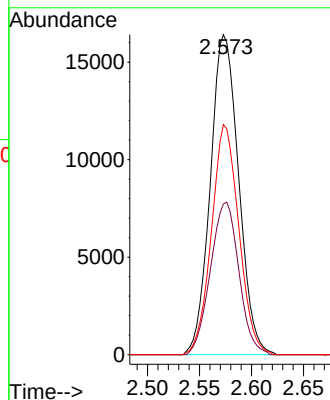
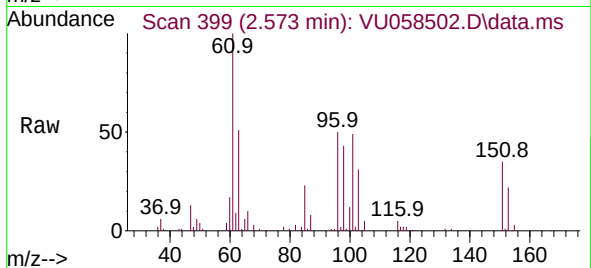




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.204 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

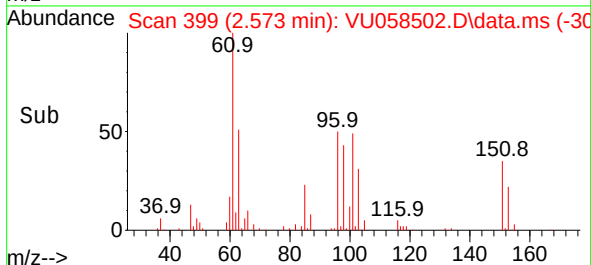
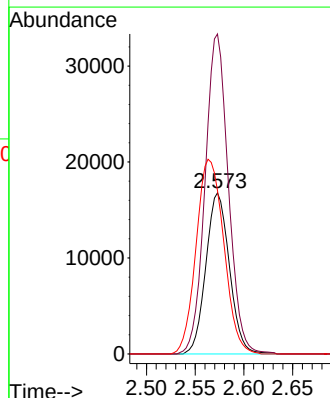
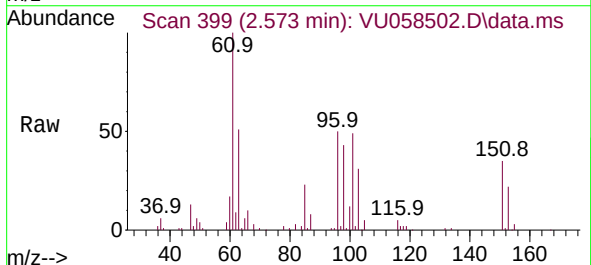
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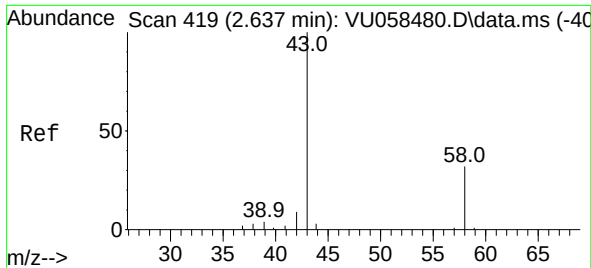
Tgt Ion:101 Resp: 31090
Ion Ratio Lower Upper
101 100
85 47.8 36.8 55.2
151 69.5 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.328 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion: 96 Resp: 28221
Ion Ratio Lower Upper
96 100
61 198.6 132.5 246.1
63 101.5 87.7 162.9





#13

Acetone

Concen: 48.171 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

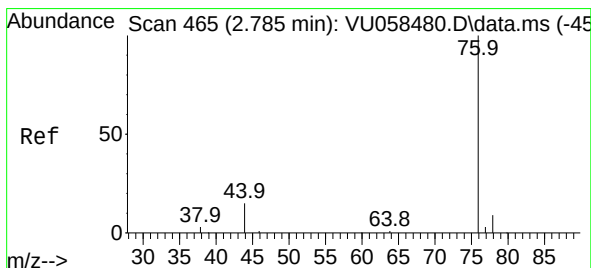
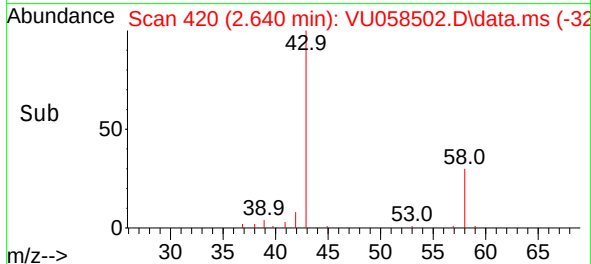
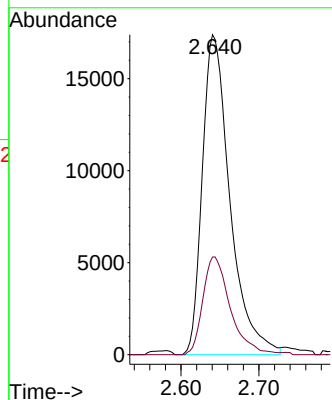
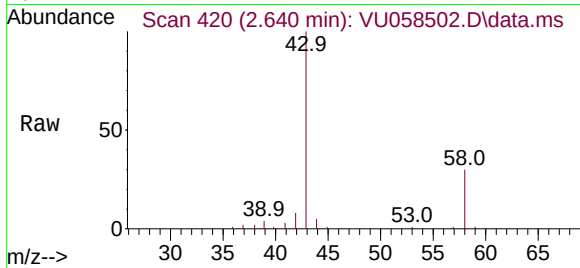
ClientSampleId :

Tgt Ion: 43 Resp: 42870

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.4



#14

Carbon disulfide

Concen: 5.272 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058502.D

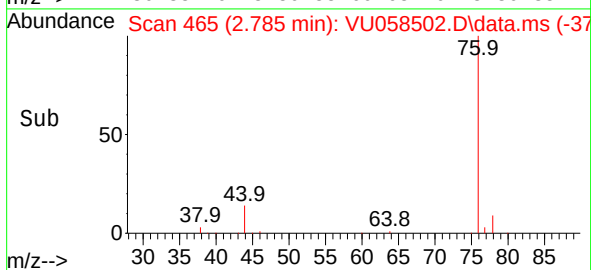
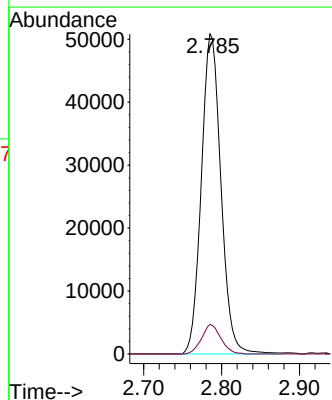
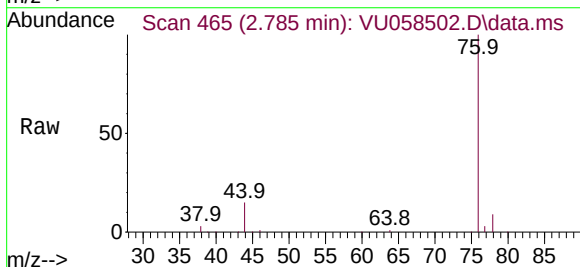
Acq: 09 Apr 2024 04:47

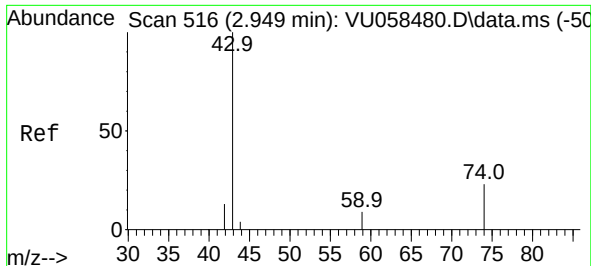
Tgt Ion: 76 Resp: 88692

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 5.658 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.003 min

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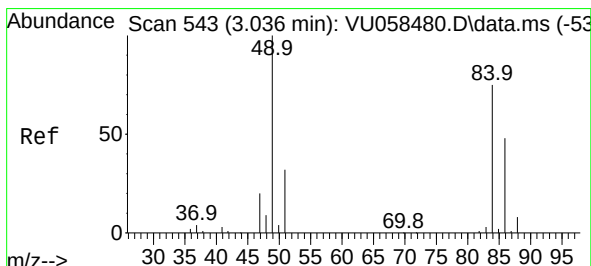
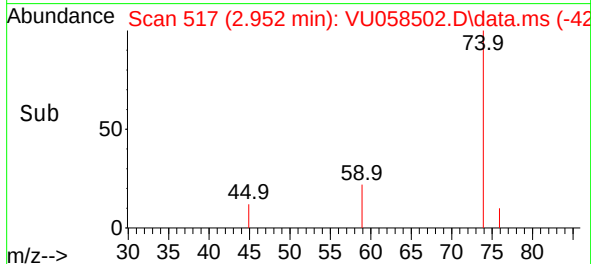
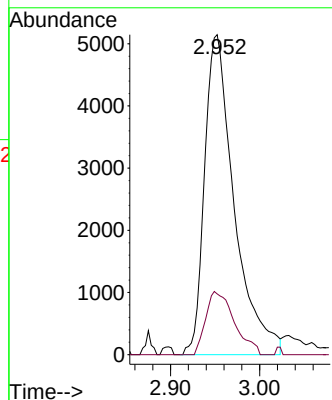
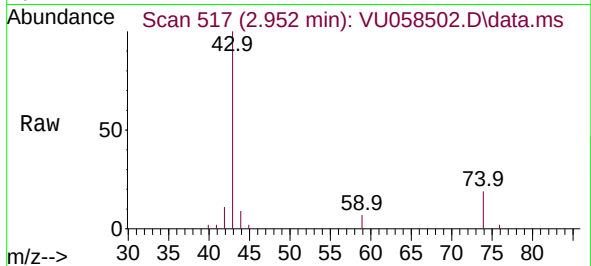
ClientSampleId :

Tgt Ion: 43 Resp: 11881

Ion Ratio Lower Upper

43 100

74 19.1 16.6 25.0



#16

Methylene chloride

Concen: 5.316 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

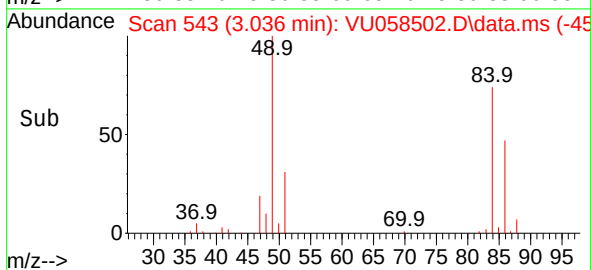
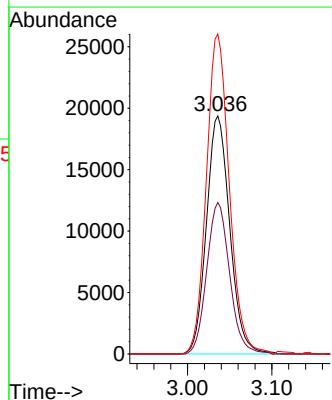
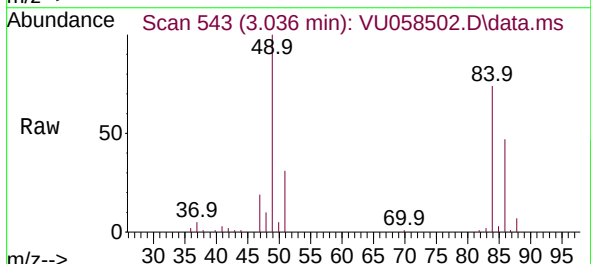
Tgt Ion: 84 Resp: 37369

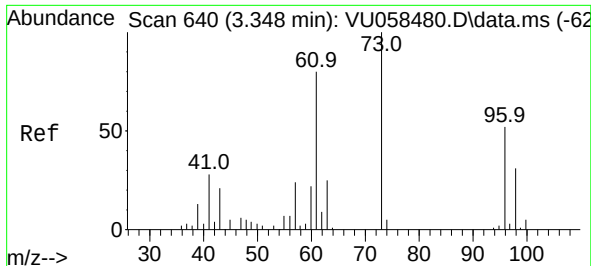
Ion Ratio Lower Upper

84 100

86 63.6 44.3 82.3

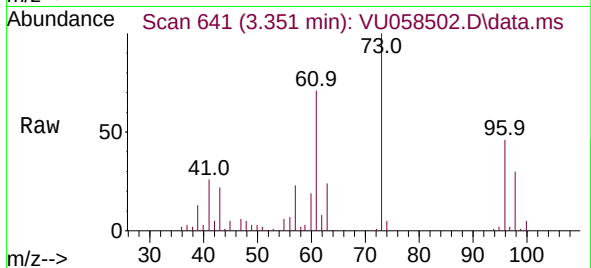
49 134.4 96.0 178.2



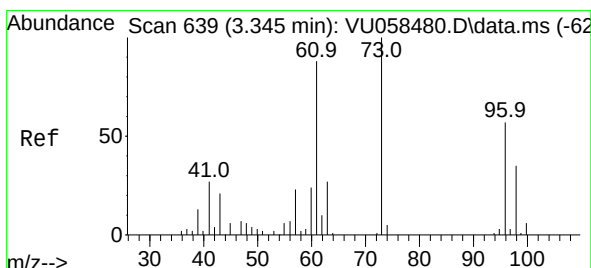
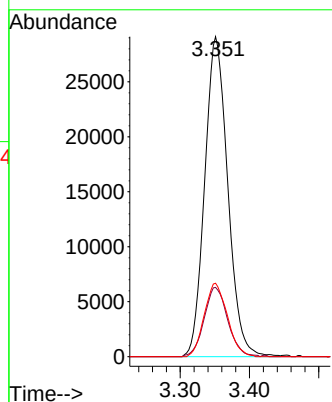
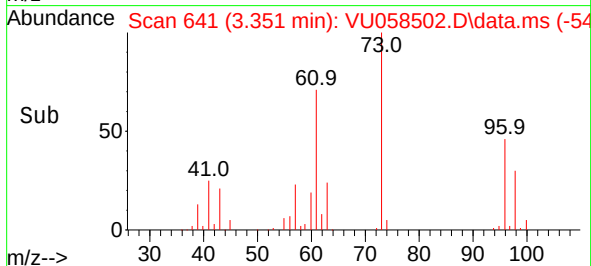


#17
Methyl tert-butyl Ether
Concen: 5.372 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Instrument :
MSVOA_U
ClientSampleId :

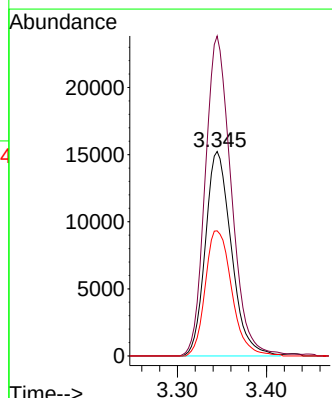
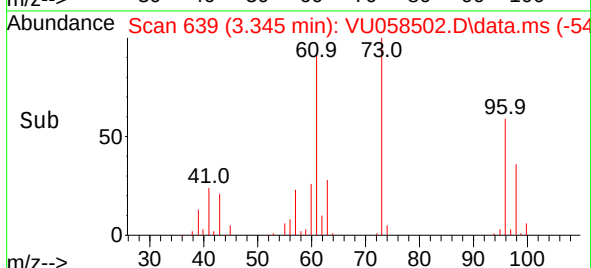
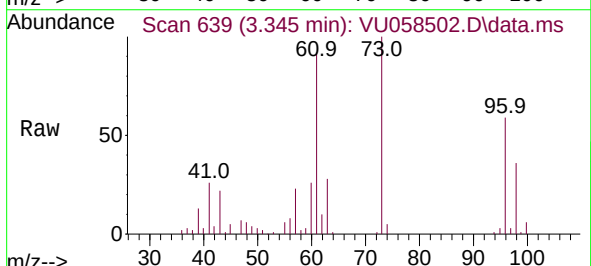


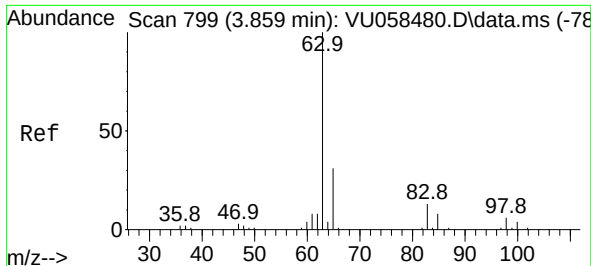
Tgt Ion: 73 Resp: 67209
Ion Ratio Lower Upper
73 100
43 22.2 17.4 26.2
57 23.0 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.564 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion: 96 Resp: 30885
Ion Ratio Lower Upper
96 100
61 156.5 107.6 199.8
98 61.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.590 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

ClientSampleId :

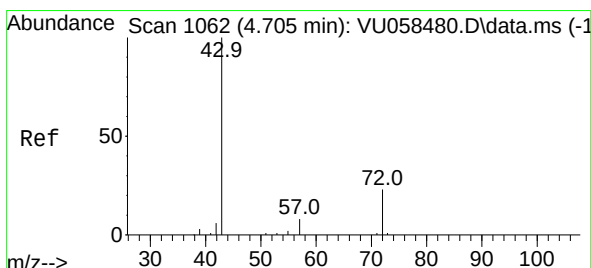
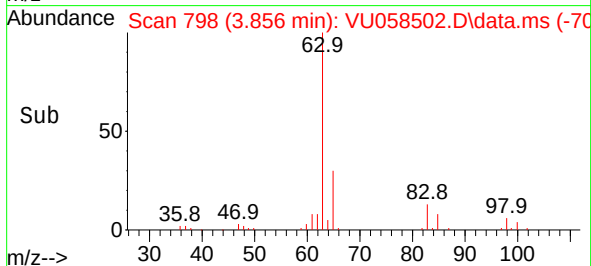
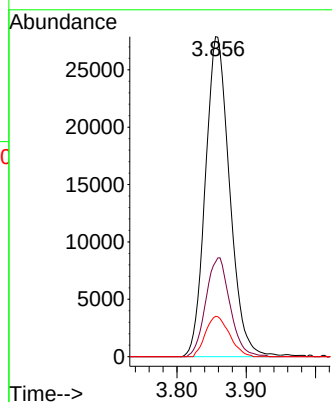
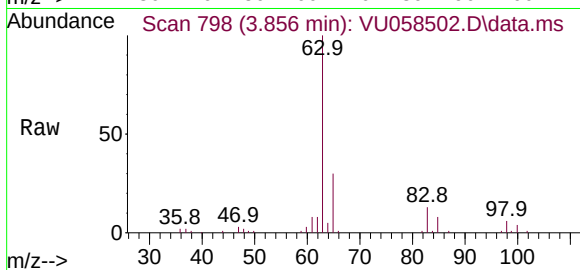
Tgt Ion: 63 Resp: 67725

Ion Ratio Lower Upper

63 100

65 29.6 22.9 42.5

83 12.6 9.6 17.8



#21

2-Butanone

Concen: 51.746 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VU058502.D

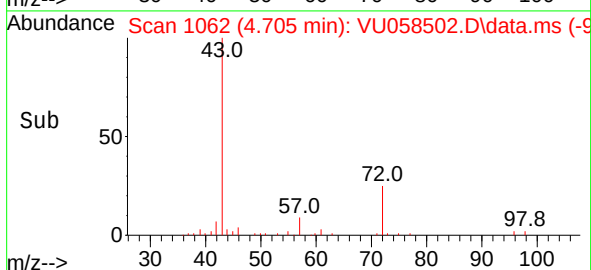
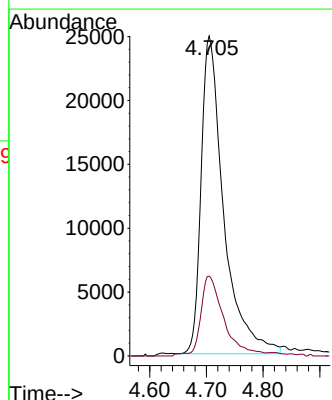
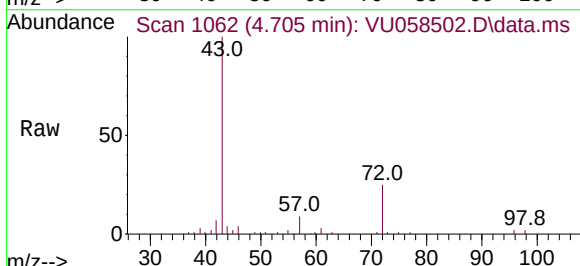
Acq: 09 Apr 2024 04:47

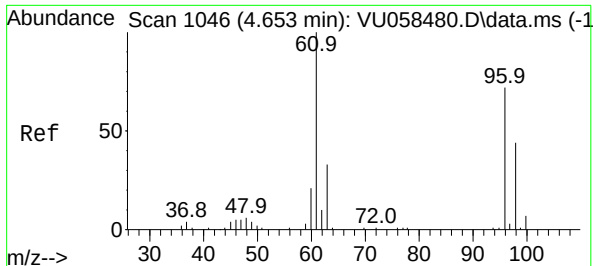
Tgt Ion: 43 Resp: 68832

Ion Ratio Lower Upper

43 100

72 25.7 11.7 35.0





#22

cis-1,2-Dichloroethene

Concen: 5.970 ug/L

RT: 4.656 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

ClientSampleId :

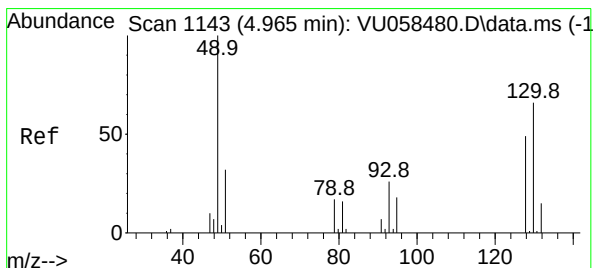
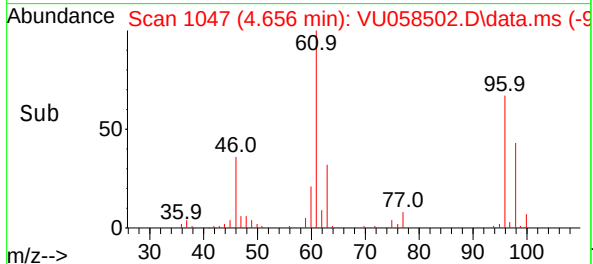
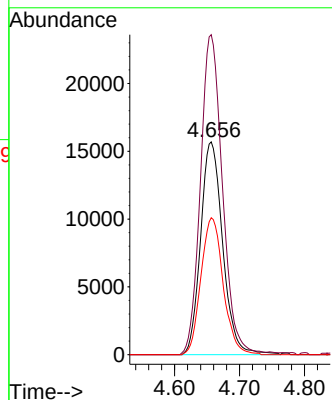
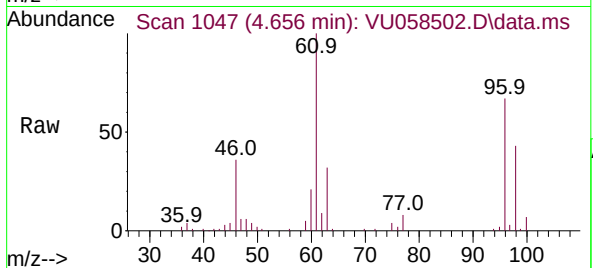
Tgt Ion: 96 Resp: 37216

Ion Ratio Lower Upper

96 100

61 150.4 98.1 182.3

98 64.3 43.6 81.0



#23

Bromochloromethane

Concen: 5.438 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Tgt Ion: 128 Resp: 13356

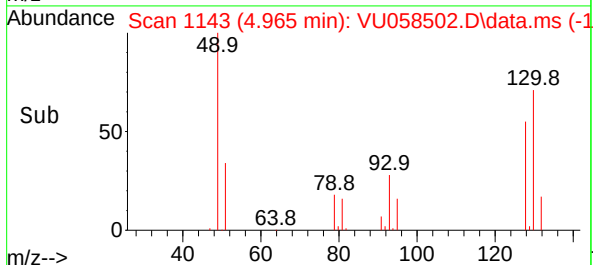
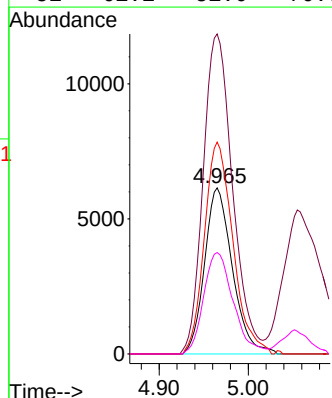
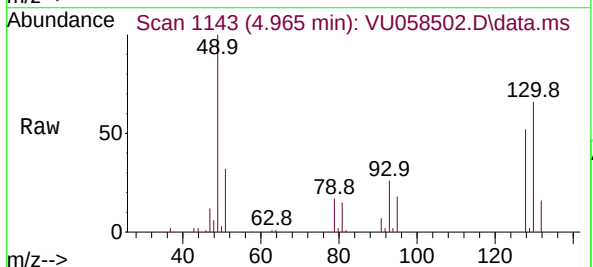
Ion Ratio Lower Upper

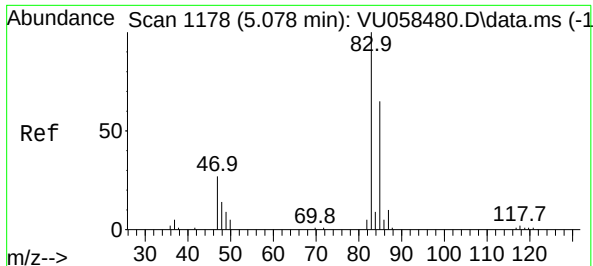
128 100

49 192.8 134.4 249.6

130 127.6 90.0 167.2

51 61.1 51.0 76.6

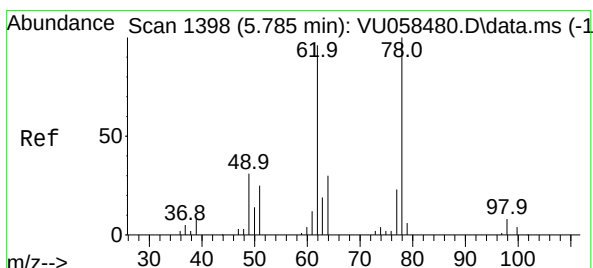
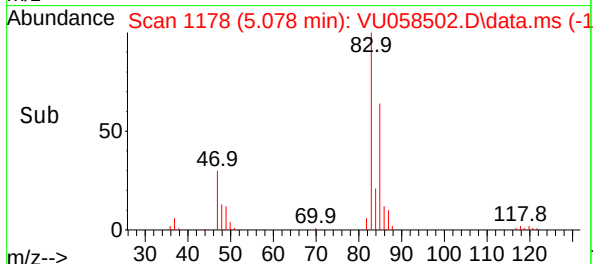
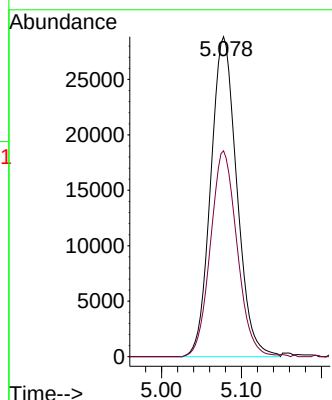
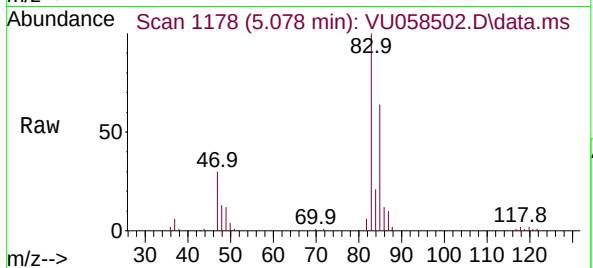




#25
Chloroform
Concen: 5.576 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

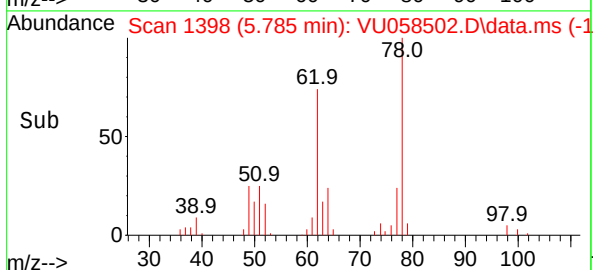
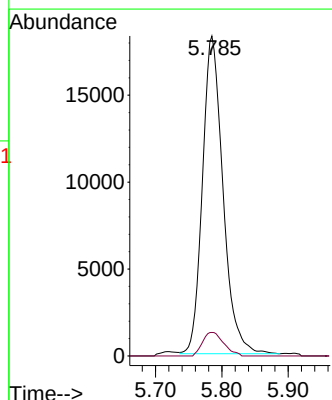
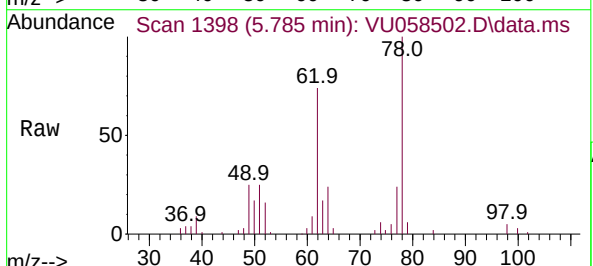
Instrument :
MSVOA_U
ClientSampleId :

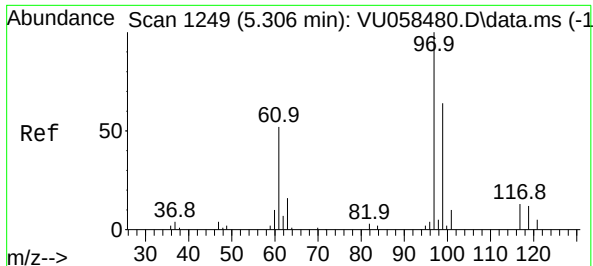
Tgt Ion: 83 Resp: 65385
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.506 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion: 62 Resp: 39320
Ion Ratio Lower Upper
62 100
98 7.4 7.0 10.4

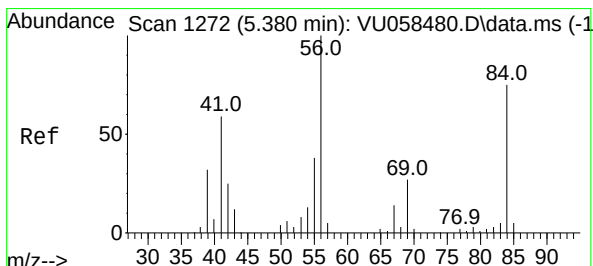
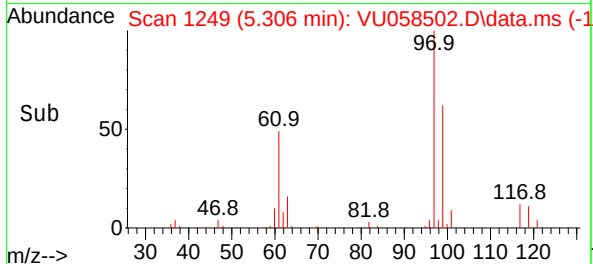
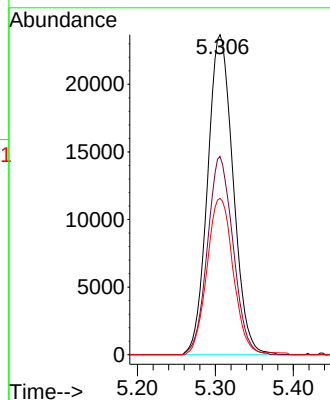
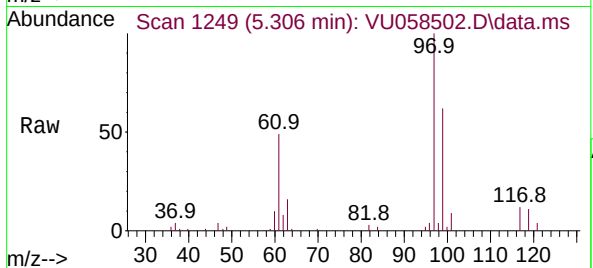




#29
1,1,1-Trichloroethane
Concen: 5.603 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

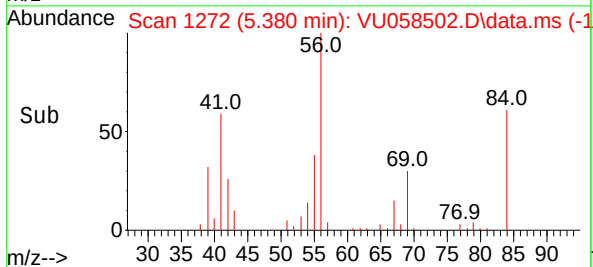
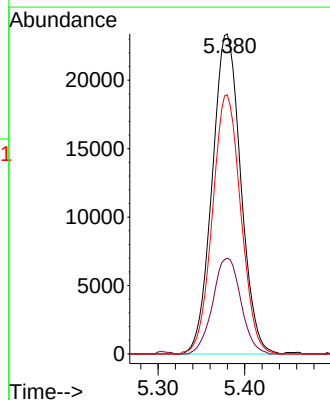
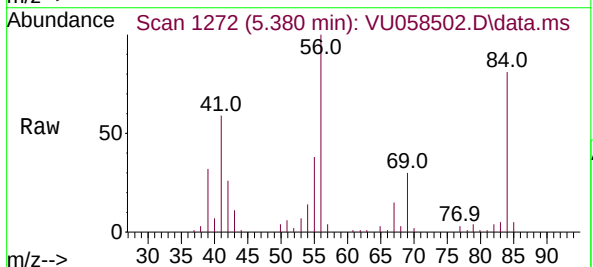
Instrument :
MSVOA_U
ClientSampleId :

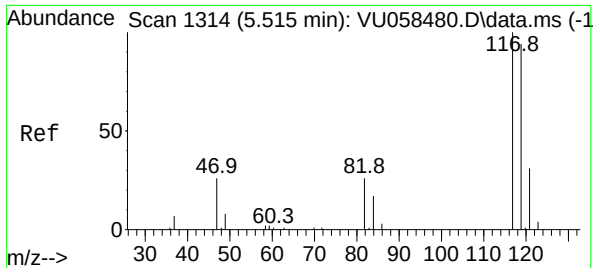
Tgt Ion:	97	Resp:	53909
Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.4	75.6
61	50.1	39.4	59.0



#30
Cyclohexane
Concen: 5.276 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:	56	Resp:	53607
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.2	34.8
84	80.3	63.3	94.9

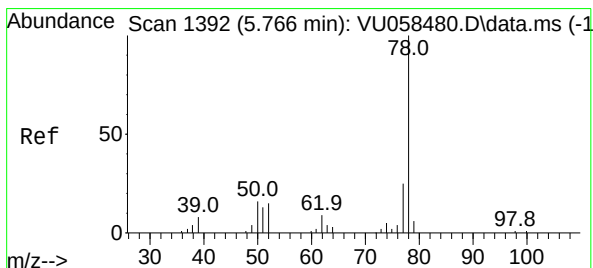
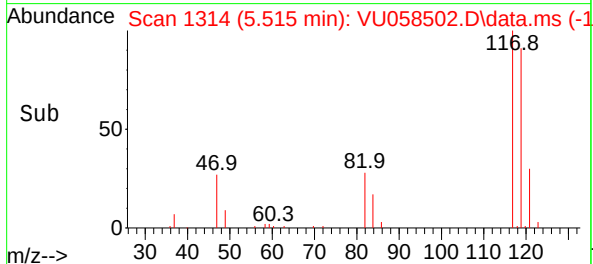
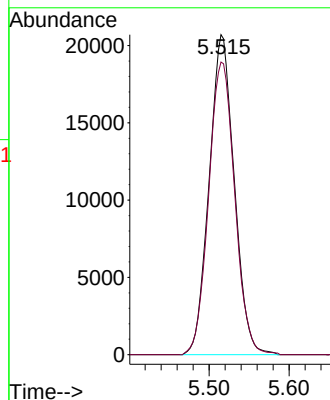
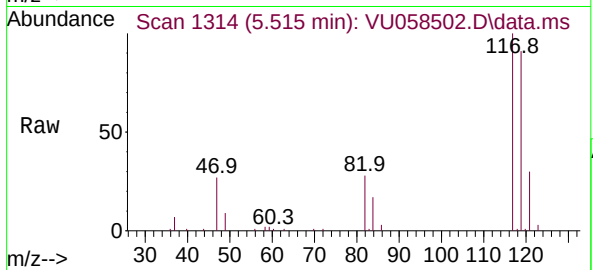




#31
Carbon tetrachloride
Concen: 5.536 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

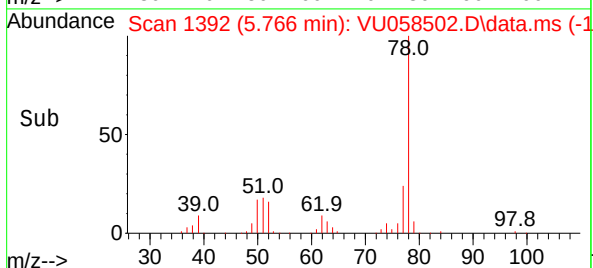
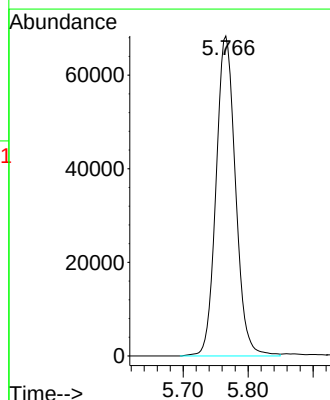
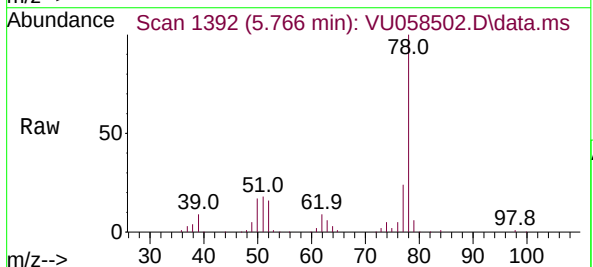
Instrument :
MSVOA_U
ClientSampleId :

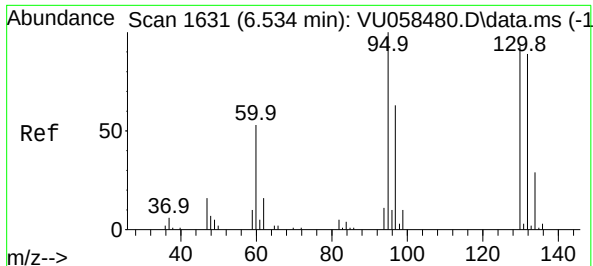
Tgt Ion:117 Resp: 45104
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1



#33
Benzene
Concen: 5.462 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

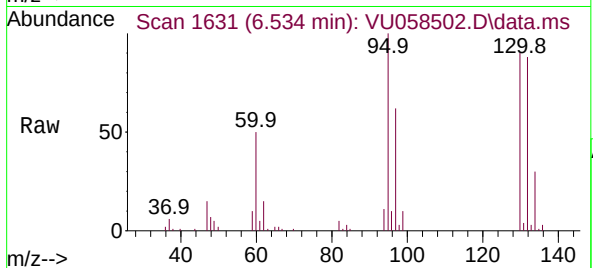
Tgt Ion: 78 Resp: 142074



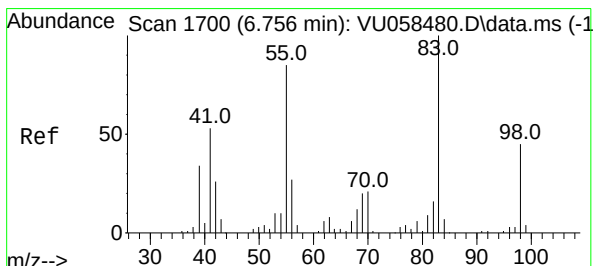
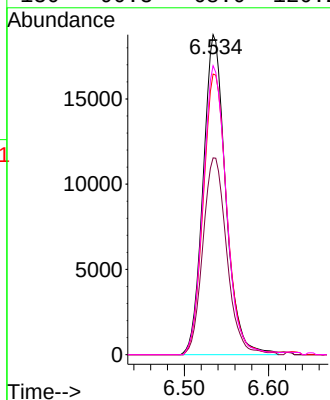
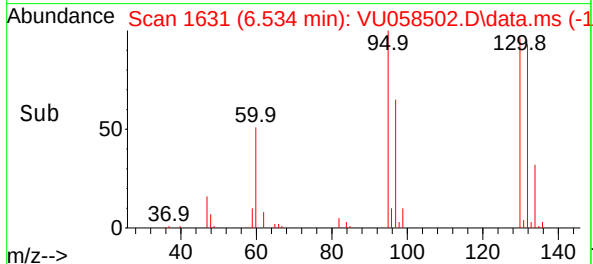


#34
Trichloroethene
Concen: 5.345 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

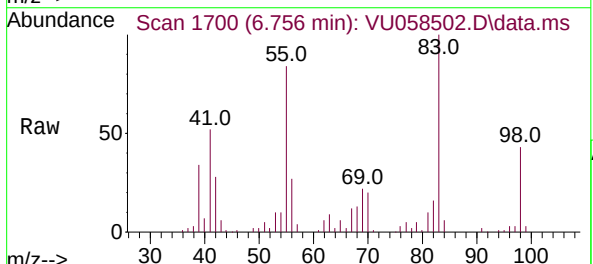
Instrument :
MSVOA_U
ClientSampleId :



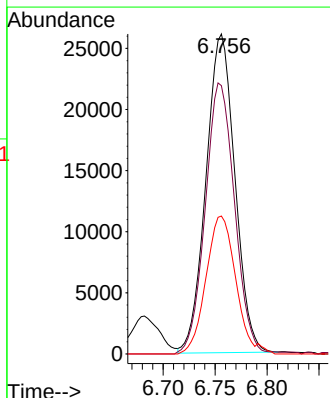
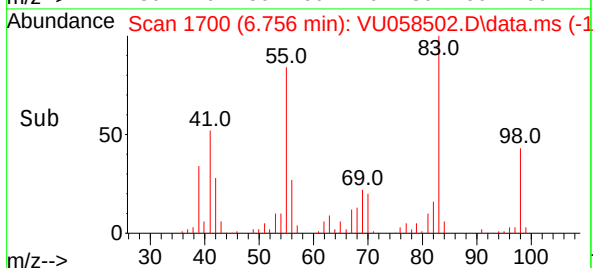
Tgt Ion: 95 Resp: 35043
Ion Ratio Lower Upper
95 100
97 61.5 45.6 84.6
132 87.7 64.8 120.3
130 90.3 68.0 126.2

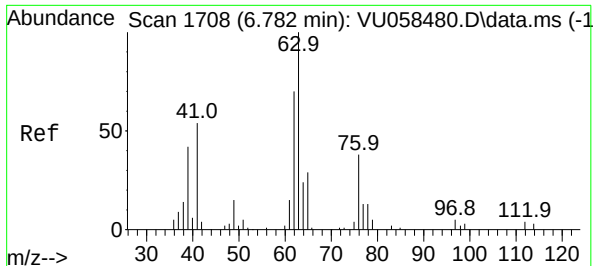


#35
Methylcyclohexane
Concen: 5.118 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47



Tgt Ion: 83 Resp: 50557
Ion Ratio Lower Upper
83 100
55 86.3 66.2 99.4
98 44.5 34.6 52.0

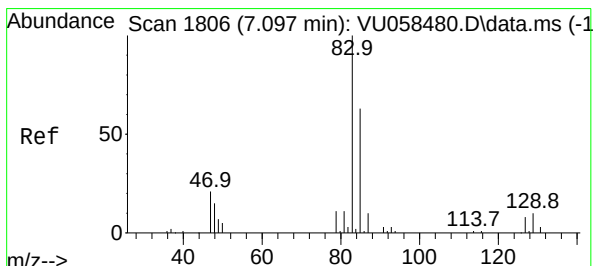
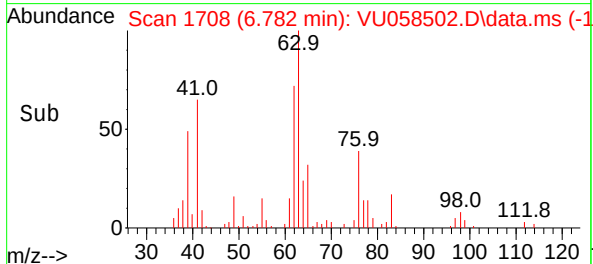
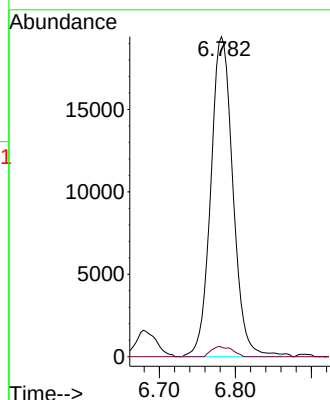
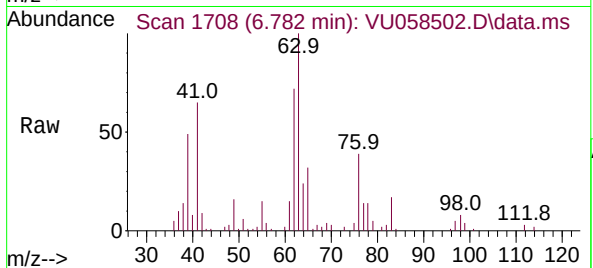




#37
1,2-Dichloropropane
Concen: 5.757 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

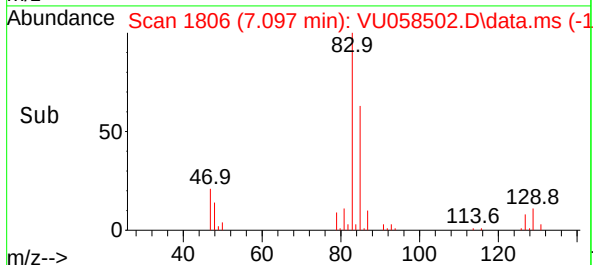
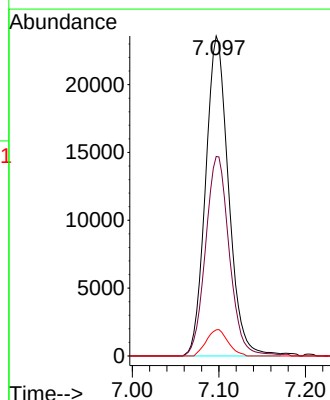
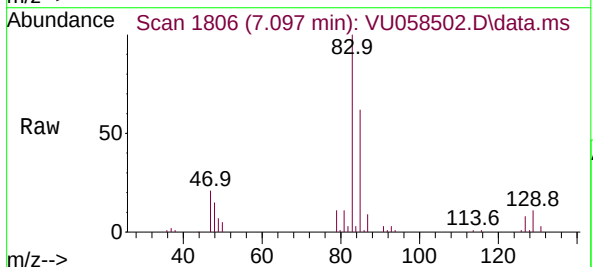
Instrument :
MSVOA_U
ClientSampleId :

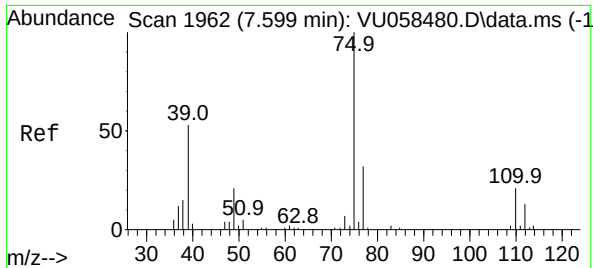
Tgt Ion: 63 Resp: 39397
Ion Ratio Lower Upper
63 100
112 3.0 2.6 4.0



#38
Bromodichloromethane
Concen: 5.566 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion: 83 Resp: 43480
Ion Ratio Lower Upper
83 100
85 62.4 44.2 82.2
127 8.2 6.5 9.7

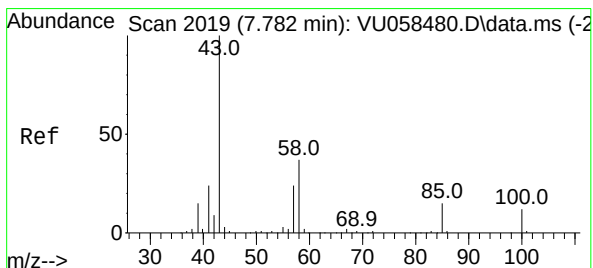
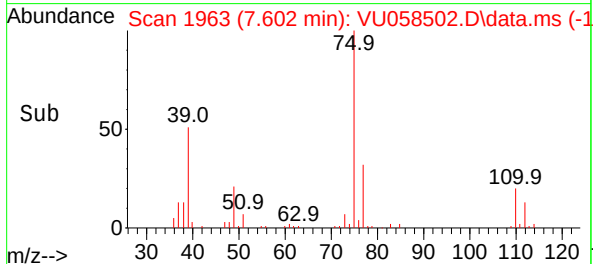
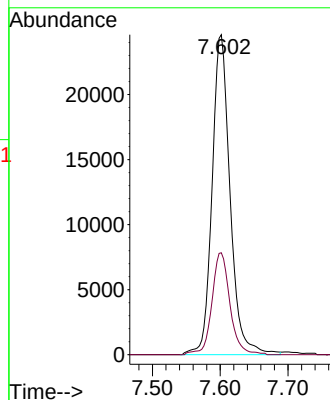
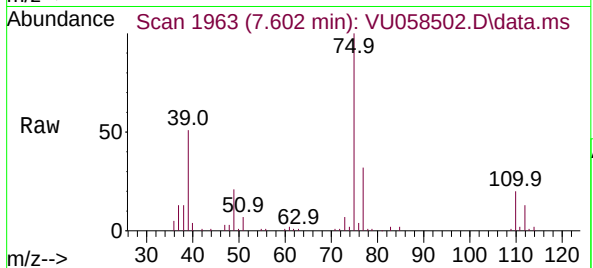




#39
 cis-1,3-Dichloropropene
 Concen: 5.222 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU058502.D
 Acq: 09 Apr 2024 04:47

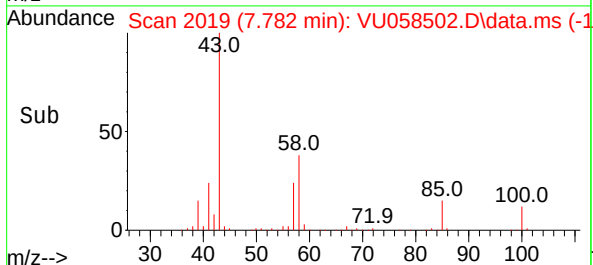
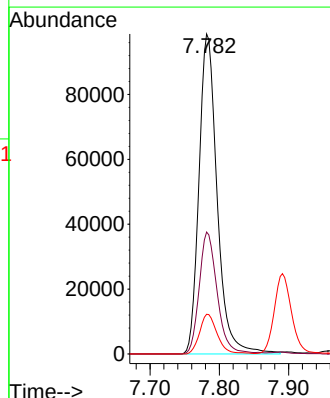
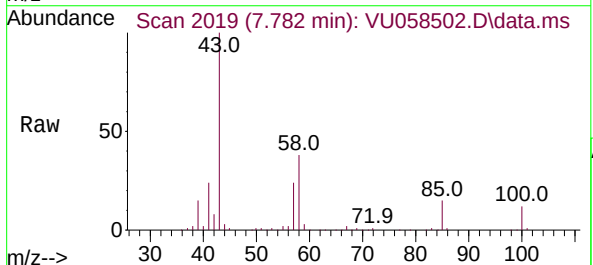
Instrument :
 MSVOA_U
 ClientSampleId :

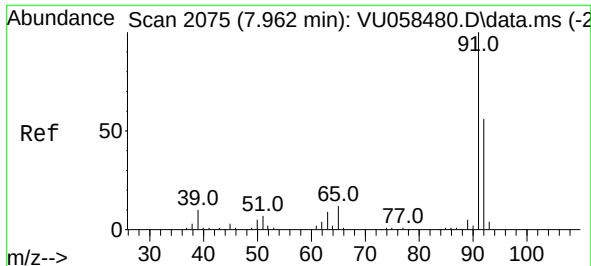
Tgt Ion: 75 Resp: 45440
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 55.850 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058502.D
 Acq: 09 Apr 2024 04:47

Tgt Ion: 43 Resp: 179910
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.4 45.6
 100 12.1 10.3 15.5





#42

Toluene

Concen: 5.436 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

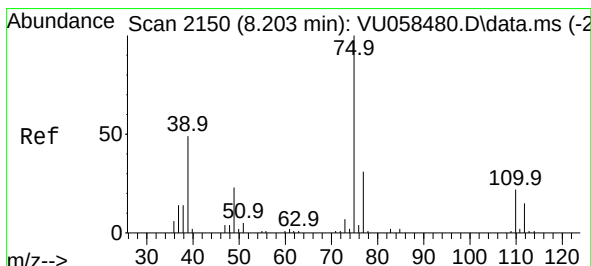
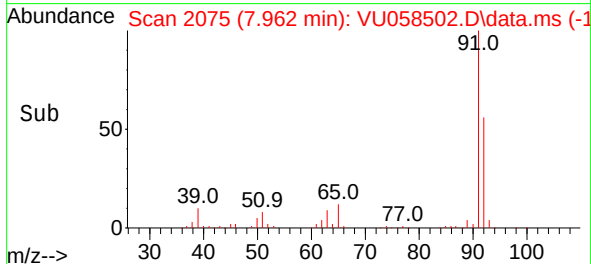
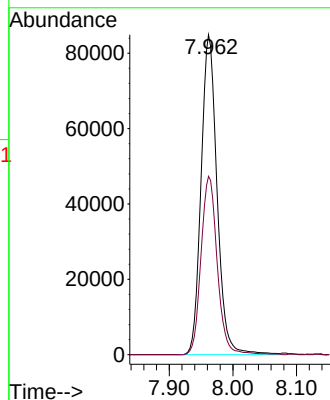
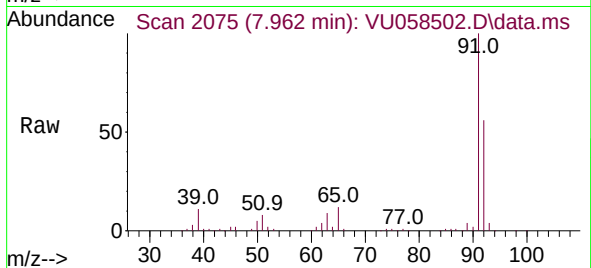
ClientSampleId :

Tgt Ion: 91 Resp: 148305

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.361 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058502.D

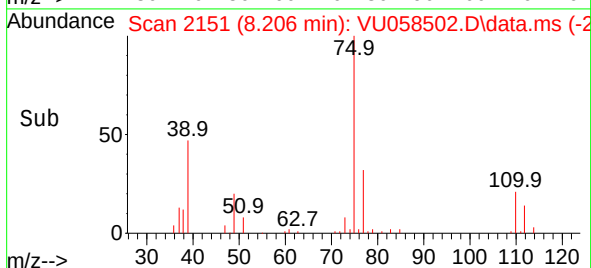
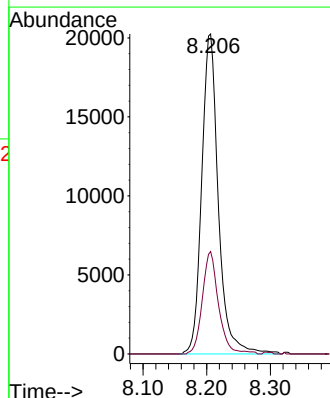
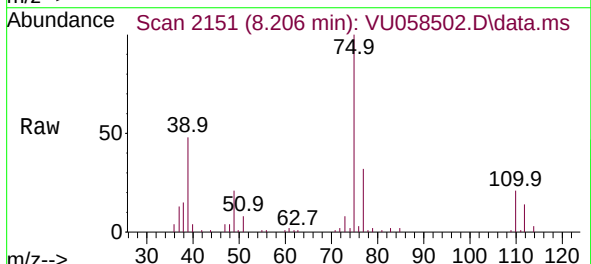
Acq: 09 Apr 2024 04:47

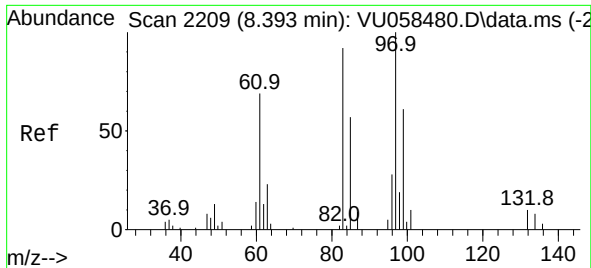
Tgt Ion: 75 Resp: 36794

Ion Ratio Lower Upper

75 100

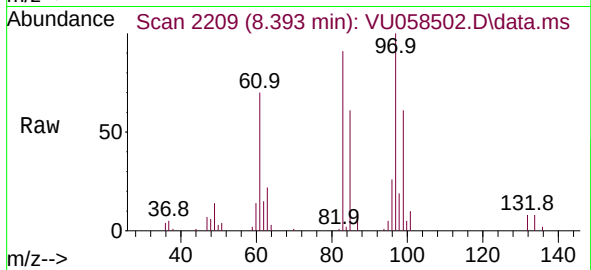
77 32.0 22.2 41.2



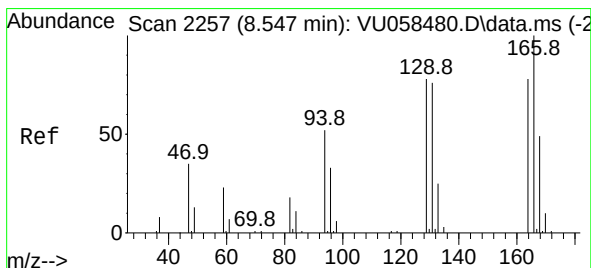
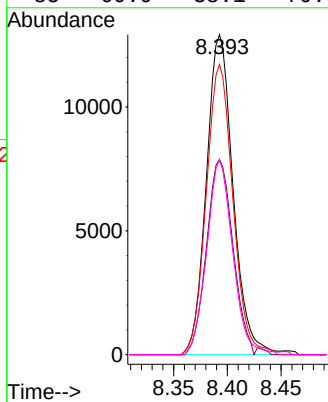
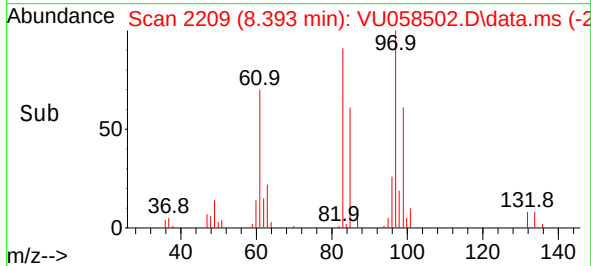


#45
1,1,2-Trichloroethane
Concen: 5.578 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

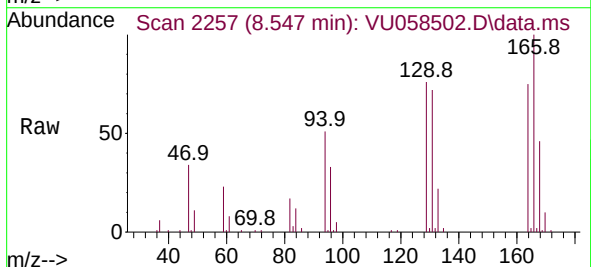
Instrument :
MSVOA_U
ClientSampleId :



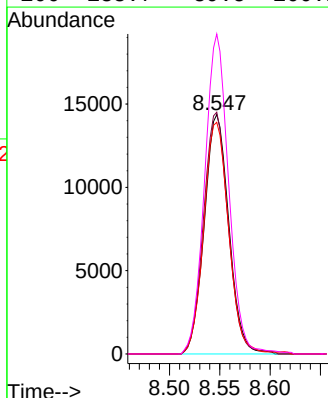
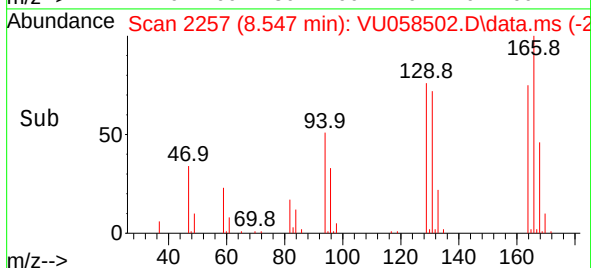
Tgt Ion:	97	Resp:	22297
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.7	81.1
83	90.7	64.5	119.7
85	60.9	38.1	70.9

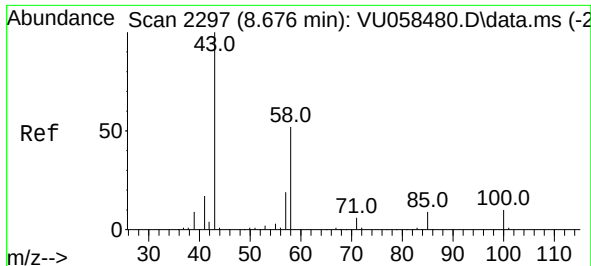


#47
Tetrachloroethene
Concen: 5.081 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47



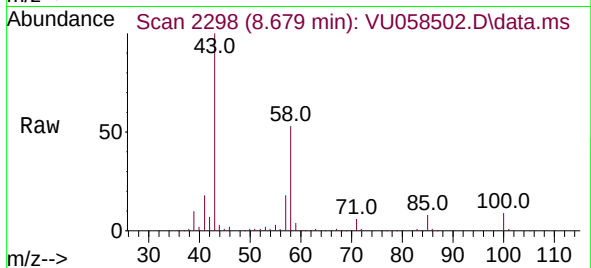
Tgt Ion:	164	Resp:	24424
Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.3	125.1
131	96.8	65.5	121.6
166	133.7	89.5	166.1



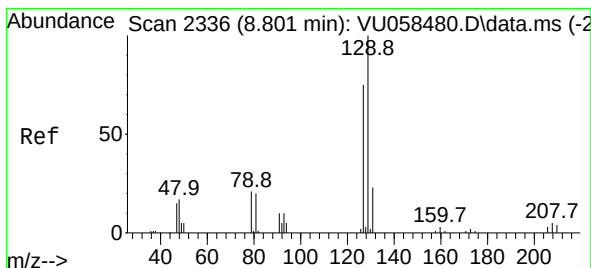
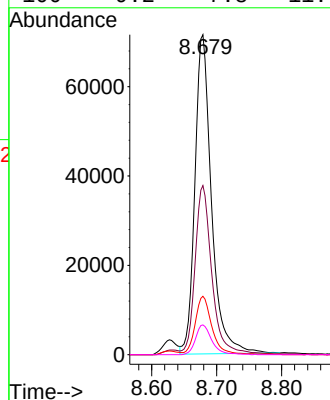
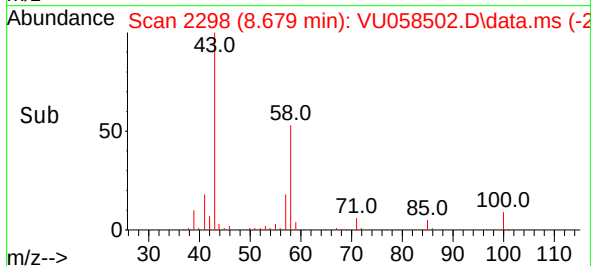


#48
2-Hexanone
Concen: 55.728 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Instrument :
MSVOA_U
ClientSampleId :

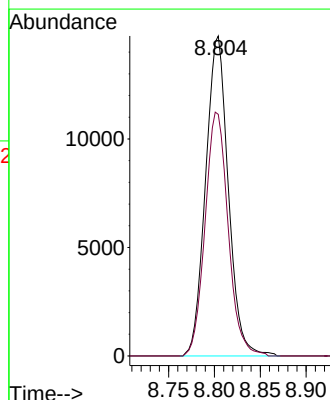
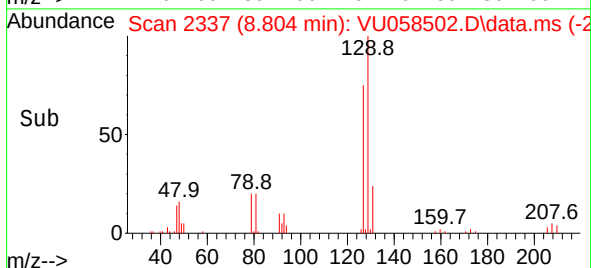
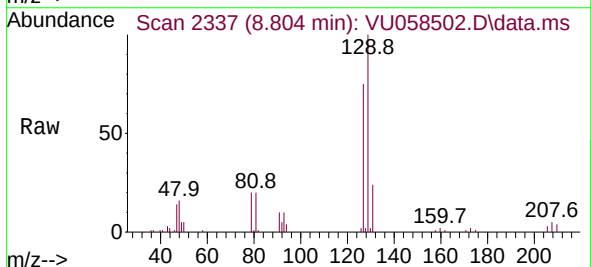


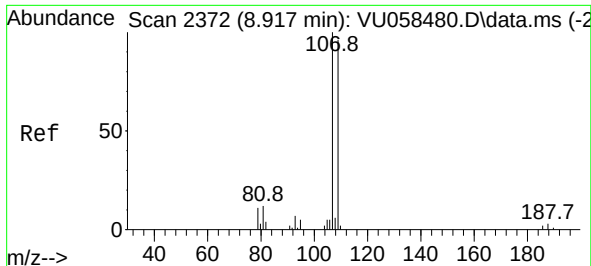
Tgt Ion: 43 Resp: 127440
Ion Ratio Lower Upper
43 100
58 53.1 43.2 64.8
57 18.1 15.4 23.0
100 9.2 7.8 11.6



#49
Dibromochloromethane
Concen: 5.502 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

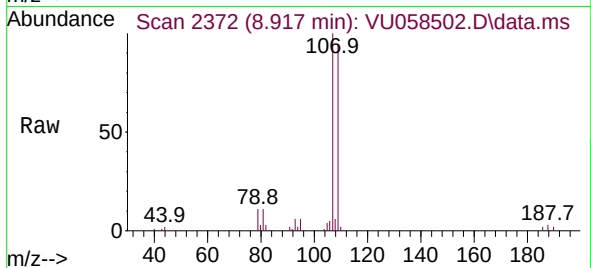
Tgt Ion:129 Resp: 25423
Ion Ratio Lower Upper
129 100
127 75.5 53.5 99.5



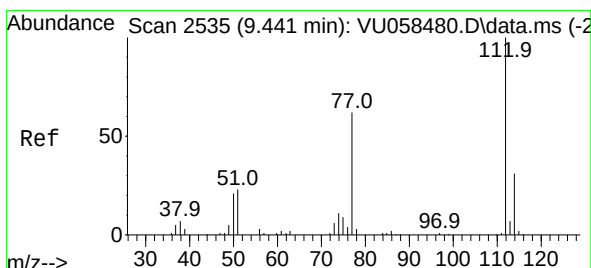
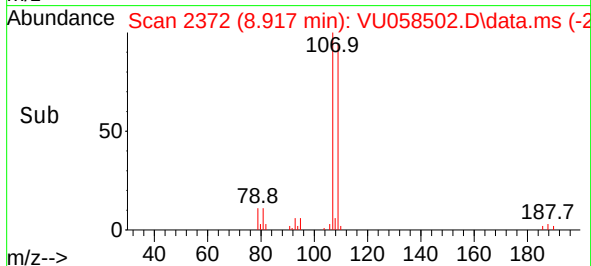
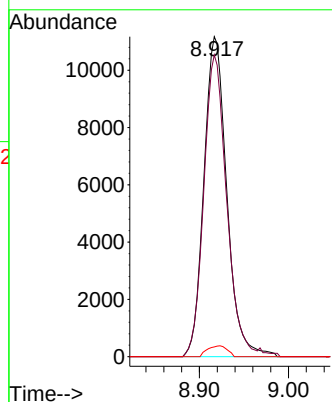


#50
1,2-Dibromoethane
Concen: 5.459 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Instrument :
MSVOA_U
ClientSampleId :

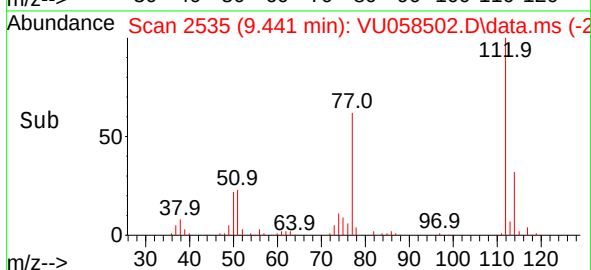
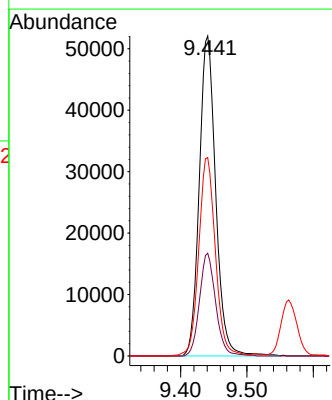
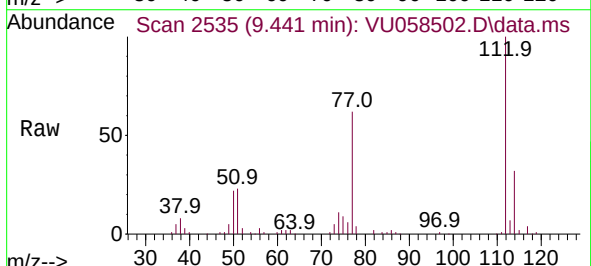


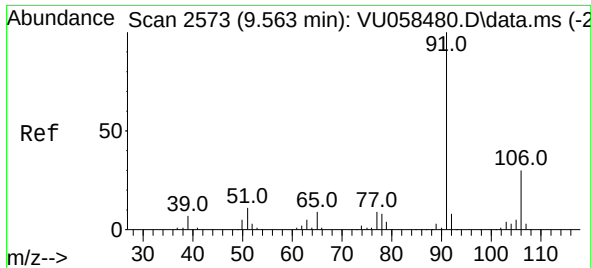
Tgt Ion:107 Resp: 19956
Ion Ratio Lower Upper
107 100
109 94.3 67.3 124.9
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 5.426 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:112 Resp: 89580
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 62.0 50.1 75.1

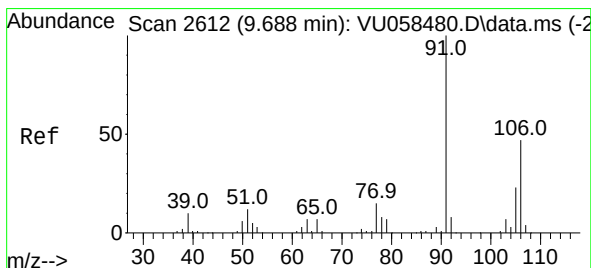
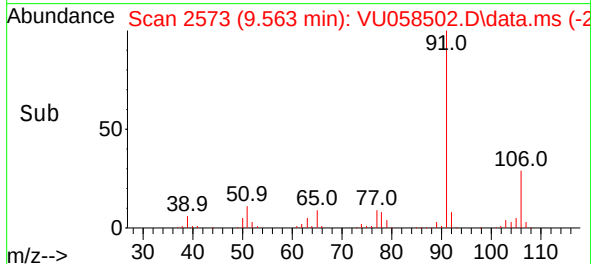
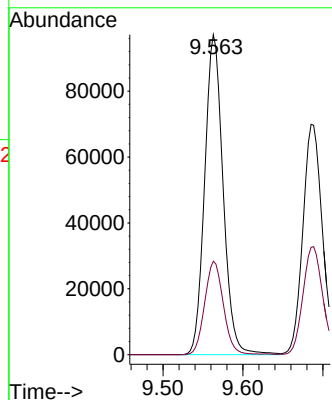
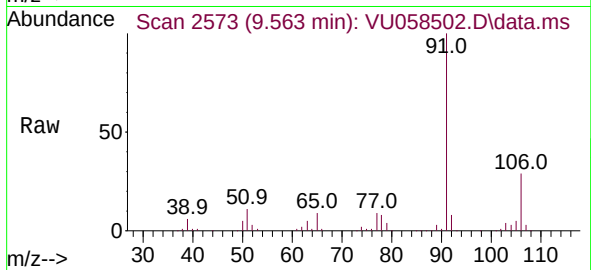




#52
Ethylbenzene
Concen: 5.392 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

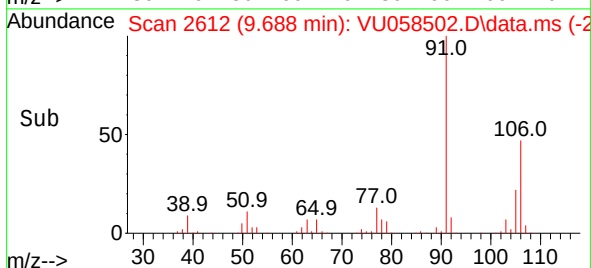
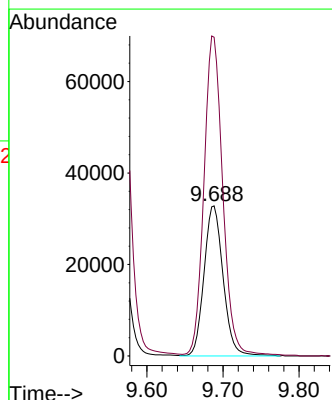
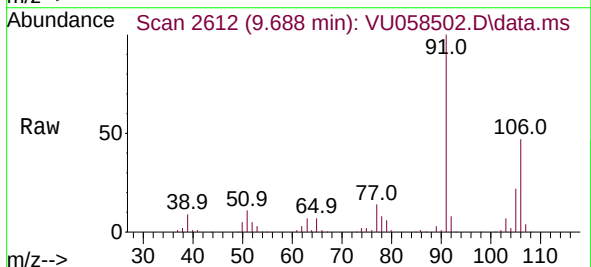
Instrument :
MSVOA_U
ClientSampleId :

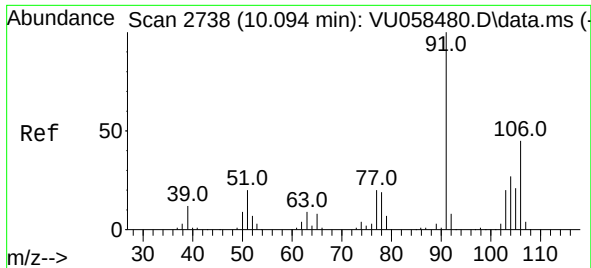
Tgt Ion: 91 Resp: 155853
Ion Ratio Lower Upper
91 100
106 29.2 20.6 38.4



#53
m,p-Xylene
Concen: 5.527 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:106 Resp: 57211
Ion Ratio Lower Upper
106 100
91 212.3 147.8 274.4

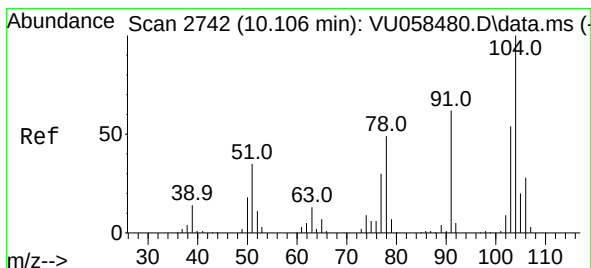
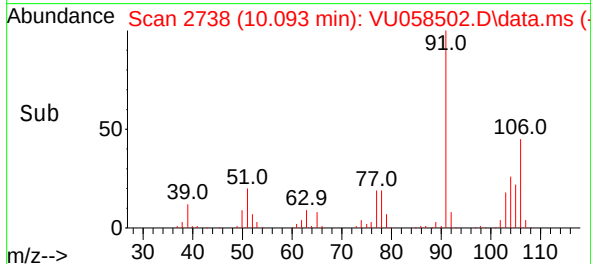
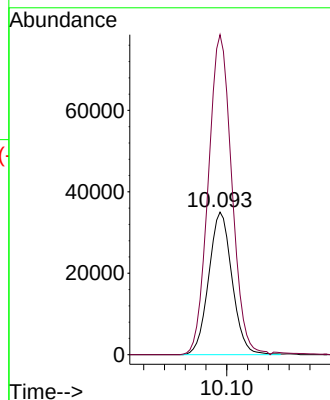
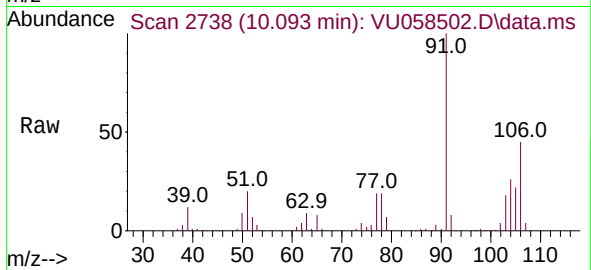




#54
o-Xylene
Concen: 5.387 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

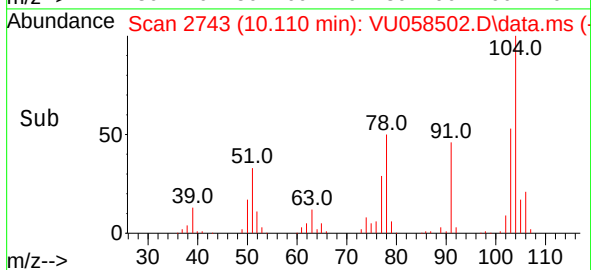
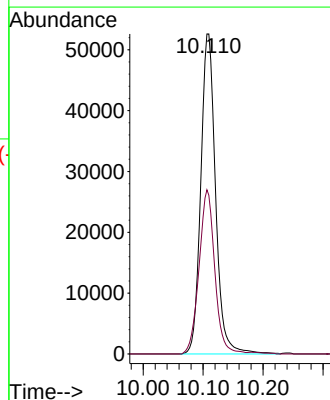
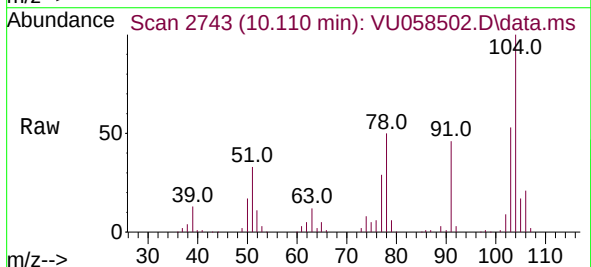
Instrument :
MSVOA_U
ClientSampleId :

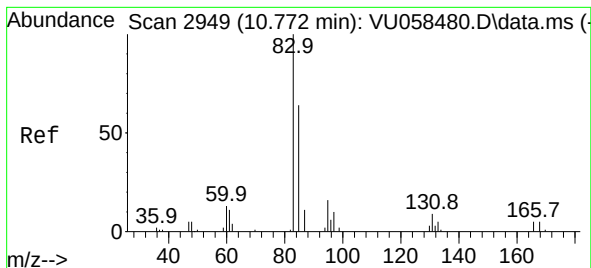
Tgt Ion:106 Resp: 54666
Ion Ratio Lower Upper
106 100
91 224.5 156.9 291.5



#55
Styrene
Concen: 5.552 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:104 Resp: 90642
Ion Ratio Lower Upper
104 100
78 49.6 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.449 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

ClientSampleId :

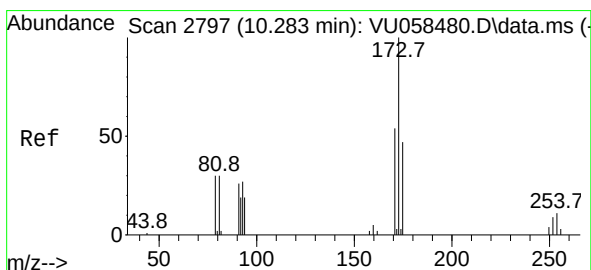
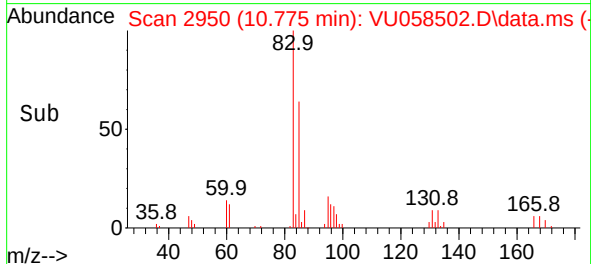
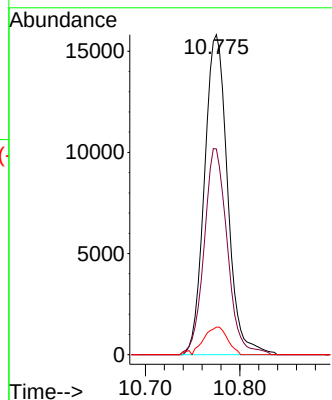
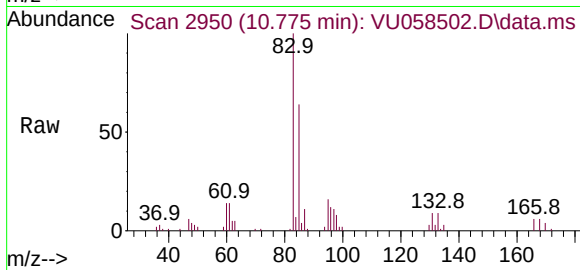
Tgt Ion: 83 Resp: 26863

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.429 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

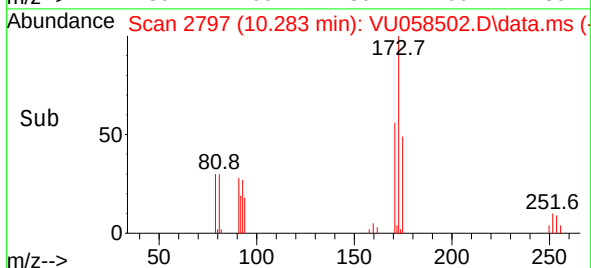
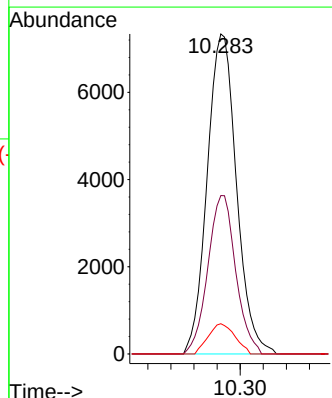
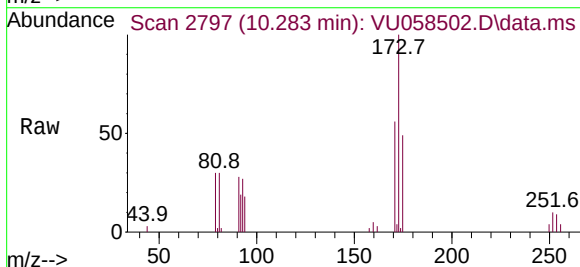
Tgt Ion:173 Resp: 12911

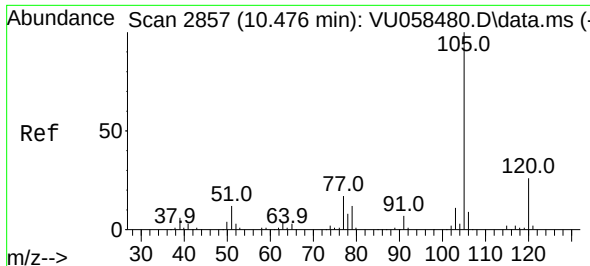
Ion Ratio Lower Upper

173 100

175 47.1 38.0 57.0

254 8.6 7.5 11.3

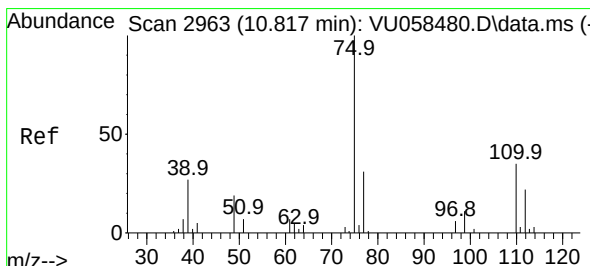
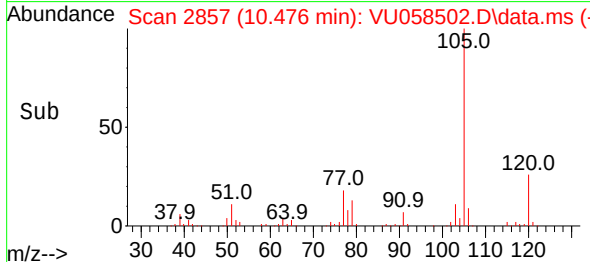
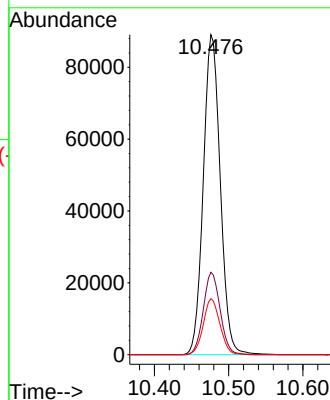
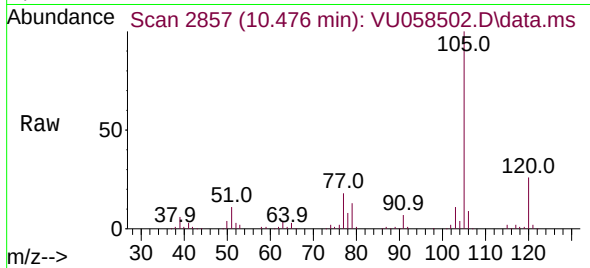




#60
Isopropylbenzene
Concen: 5.425 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

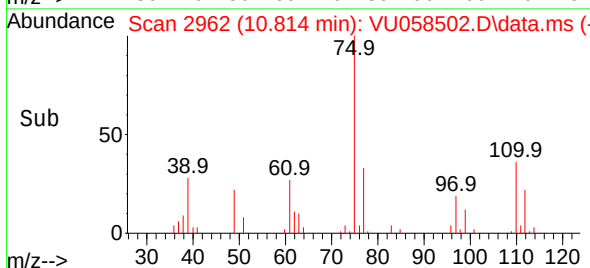
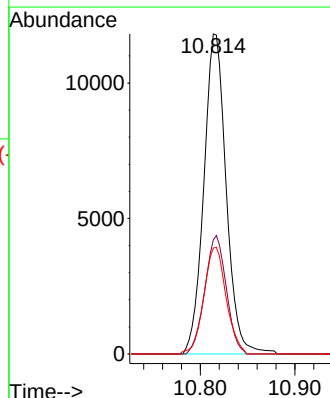
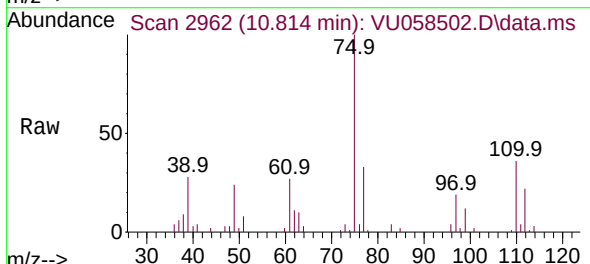
Instrument :
MSVOA_U
ClientSampleId :

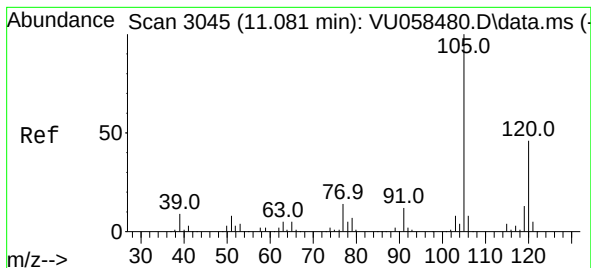
Tgt Ion:105 Resp: 141346
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.346 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion: 75 Resp: 19414
Ion Ratio Lower Upper
75 100
110 35.4 25.8 38.6
77 33.3 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.326 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

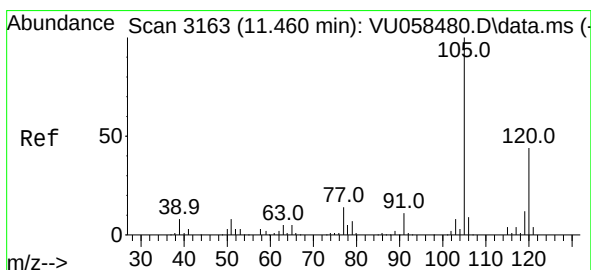
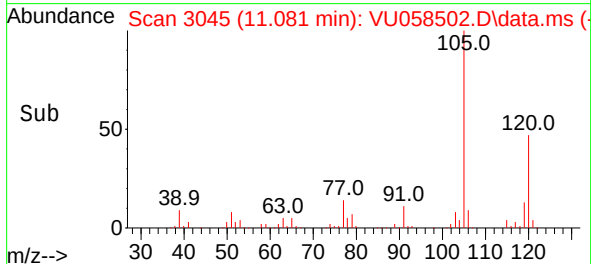
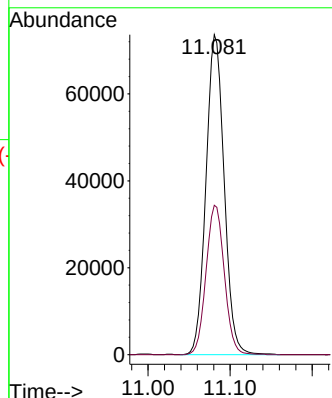
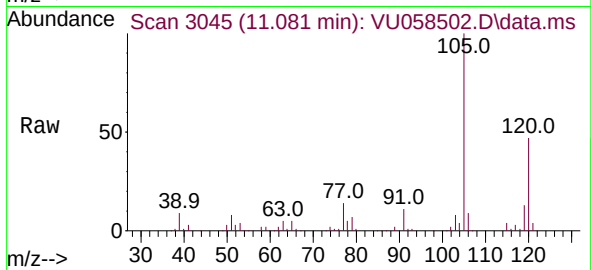
ClientSampleId :

Tgt Ion:105 Resp: 113160

Ion Ratio Lower Upper

105 100

120 47.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.359 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058502.D

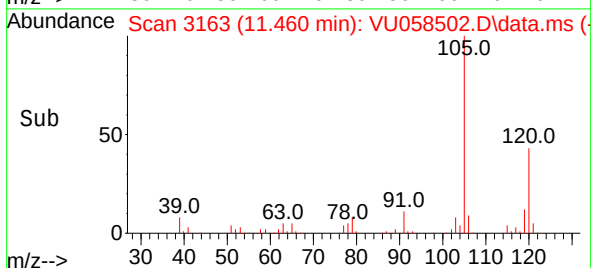
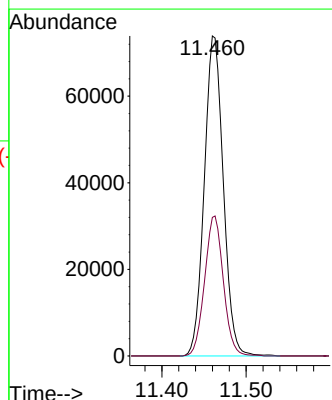
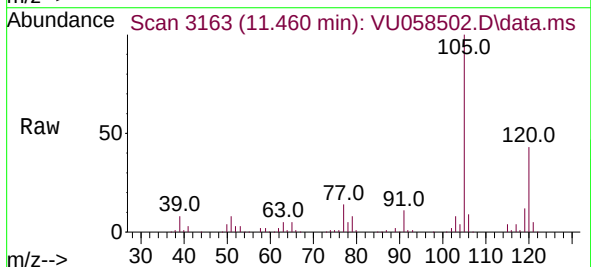
Acq: 09 Apr 2024 04:47

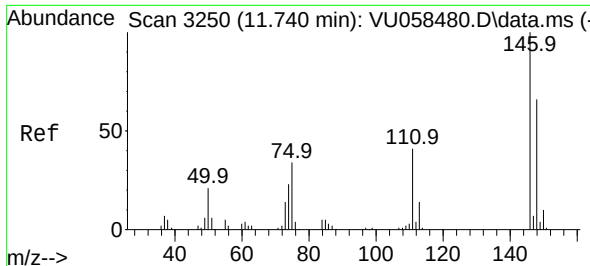
Tgt Ion:105 Resp: 116273

Ion Ratio Lower Upper

105 100

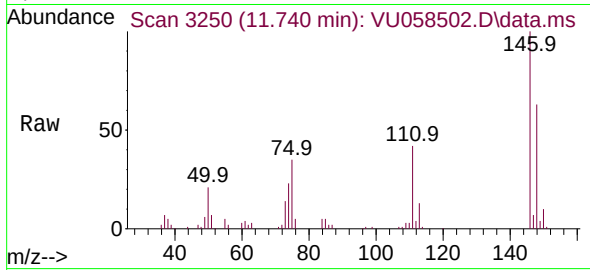
120 43.0 34.7 52.1



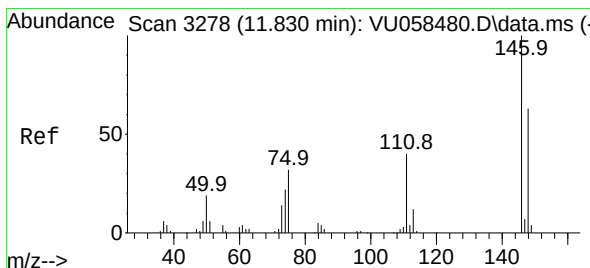
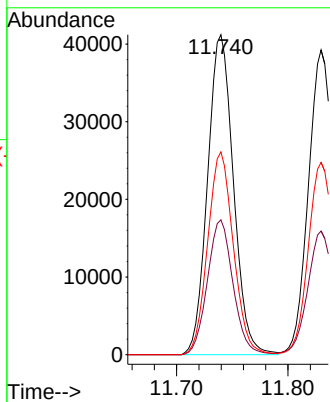
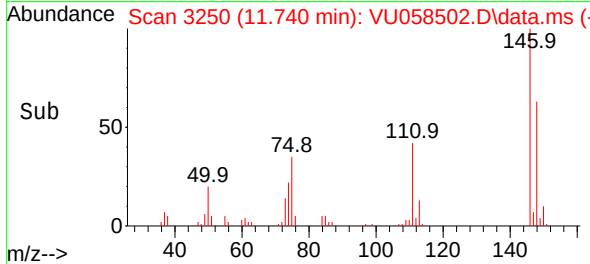


#64
1,3-Dichlorobenzene
Concen: 5.245 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

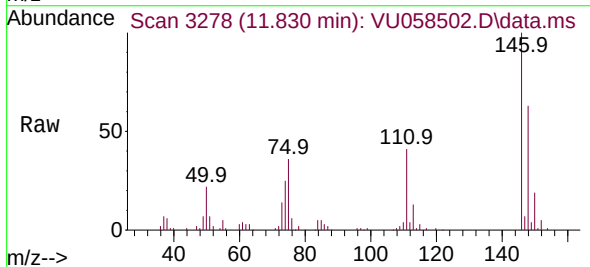
Instrument :
MSVOA_U
ClientSampleId :



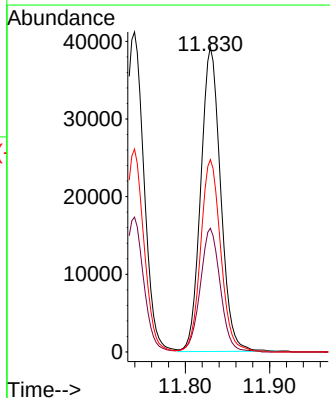
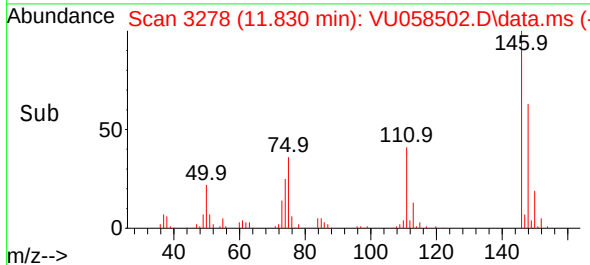
Tgt Ion:146 Resp: 66384
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.4
148 63.4 44.9 83.3

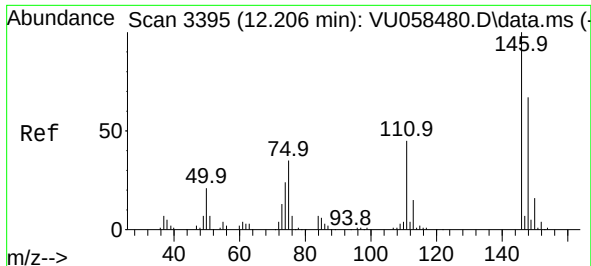


#65
1,4-Dichlorobenzene
Concen: 5.213 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47



Tgt Ion:146 Resp: 64286
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.6
148 63.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.137 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

Instrument :

MSVOA_U

ClientSampleId :

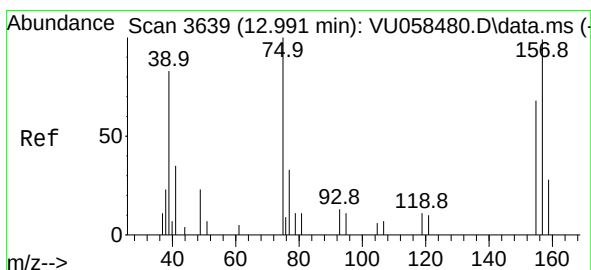
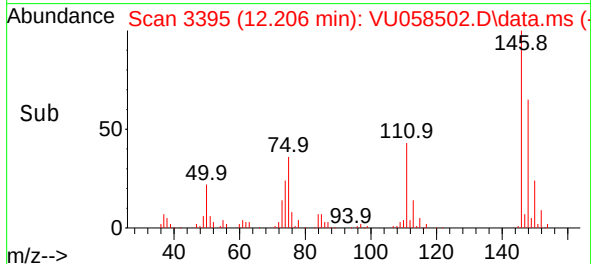
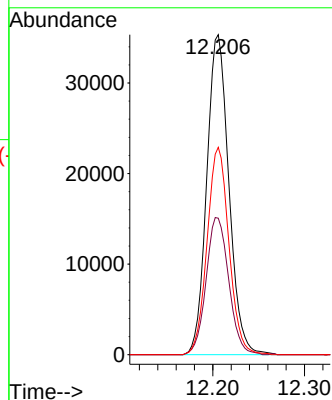
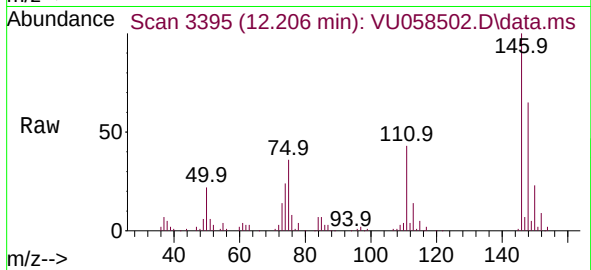
Tgt Ion:146 Resp: 59139

Ion Ratio Lower Upper

146 100

111 42.6 35.0 52.4

148 64.8 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.206 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058502.D

Acq: 09 Apr 2024 04:47

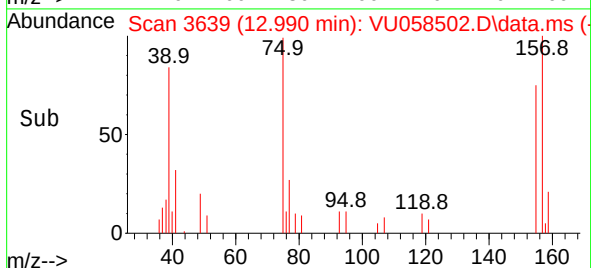
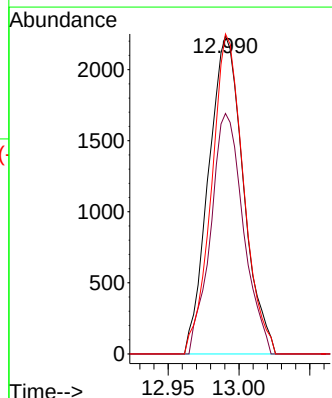
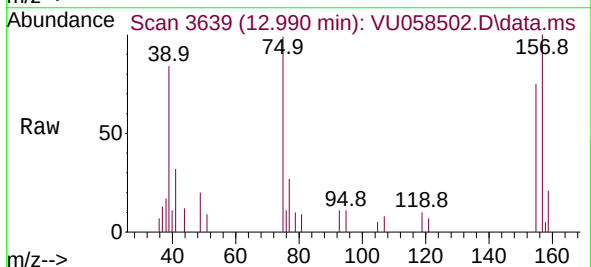
Tgt Ion: 75 Resp: 3822

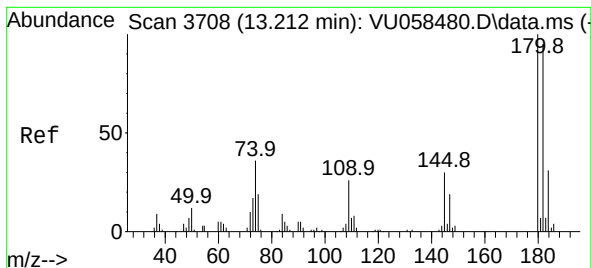
Ion Ratio Lower Upper

75 100

155 75.5 61.4 92.0

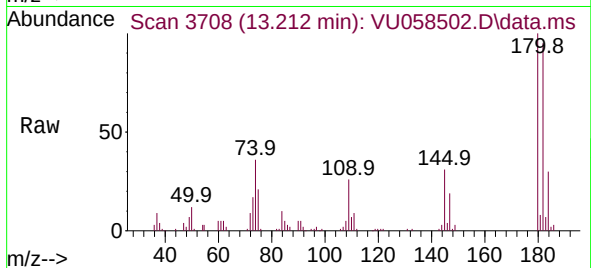
157 100.5 81.7 122.5



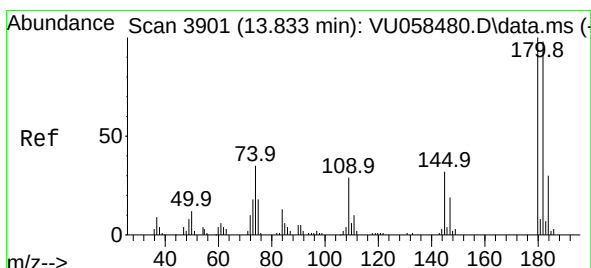
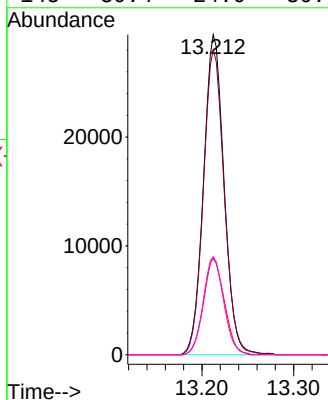
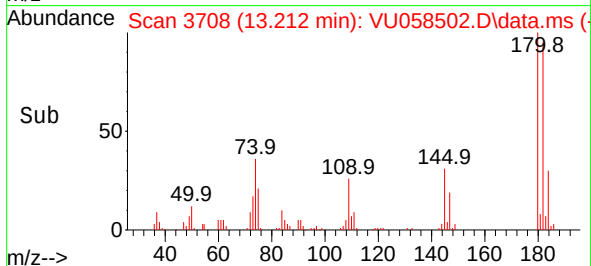


#69
1,3,5-Trichlorobenzene
Concen: 4.889 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Instrument :
MSVOA_U
ClientSampleId :

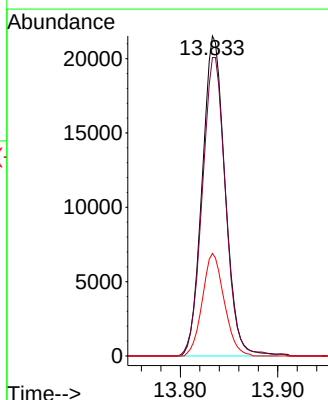
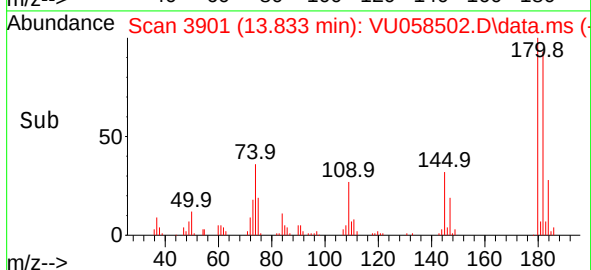
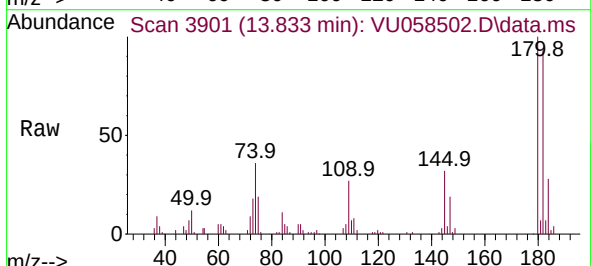


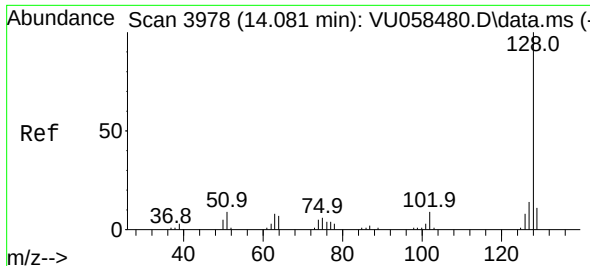
Tgt Ion:180 Resp: 45756
Ion Ratio Lower Upper
180 100
182 96.3 75.7 113.5
184 30.5 24.3 36.5
145 30.4 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 4.856 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

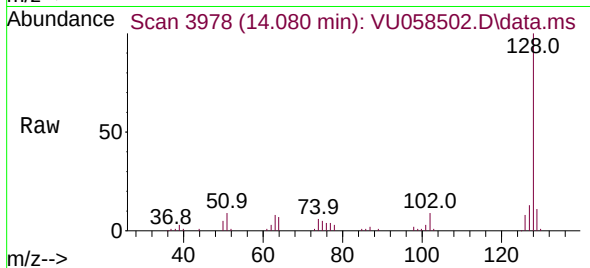
Tgt Ion:180 Resp: 35048
Ion Ratio Lower Upper
180 100
182 95.0 74.4 111.6
145 30.7 24.1 36.1



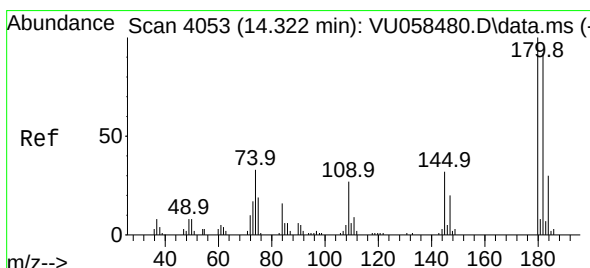
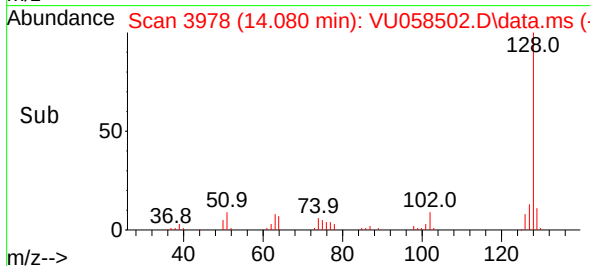
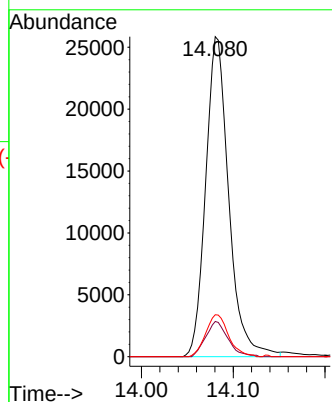


#71
Naphthalene
Concen: 4.569 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 45191
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.879 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058502.D
Acq: 09 Apr 2024 04:47

Tgt Ion:180 Resp: 29077
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 32.5 25.2 37.8

