

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058456.D
 Acq On : 08 Apr 2024 09:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	83824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80226	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18616	3.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	19006	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	8948	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.624	46	60056	51.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.700%
24) Chloroform-d	5.052	84	51465	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	23115	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	89975	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	30144	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	79973	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	9650	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	44377	51.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21932	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27500	4.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	35000	5.009	ug/L	99
3) Chloromethane	1.515	50	43845	5.128	ug/L	100
5) Vinyl chloride	1.599	62	43406	5.083	ug/L	100
6) Bromomethane	1.853	94	18693	4.627	ug/L	99
8) Chloroethane	1.927	64	29137	5.401	ug/L	100
9) Trichlorofluoromethane	2.129	101	60676	5.380	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35252	5.261	ug/L	97
12) 1,1-Dichloroethene	2.573	96	31976	5.383	ug/L	89
13) Acetone	2.637	43	48595	48.682	ug/L	99
14) Carbon disulfide	2.785	76	95106	5.040	ug/L	99
15) Methyl Acetate	2.946	43	12475	5.297	ug/L	99
16) Methylene chloride	3.036	84	35421	4.493	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	72000	5.131	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	33302	5.349	ug/L	97
19) 1,1-Dichloroethane	3.856	63	71354	5.251	ug/L	98
21) 2-Butanone	4.705	43	74768	50.113	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	36483	5.218	ug/L	96
23) Bromochloromethane	4.965	128	14319	5.198	ug/L	96
25) Chloroform	5.078	83	69210	5.262	ug/L	98

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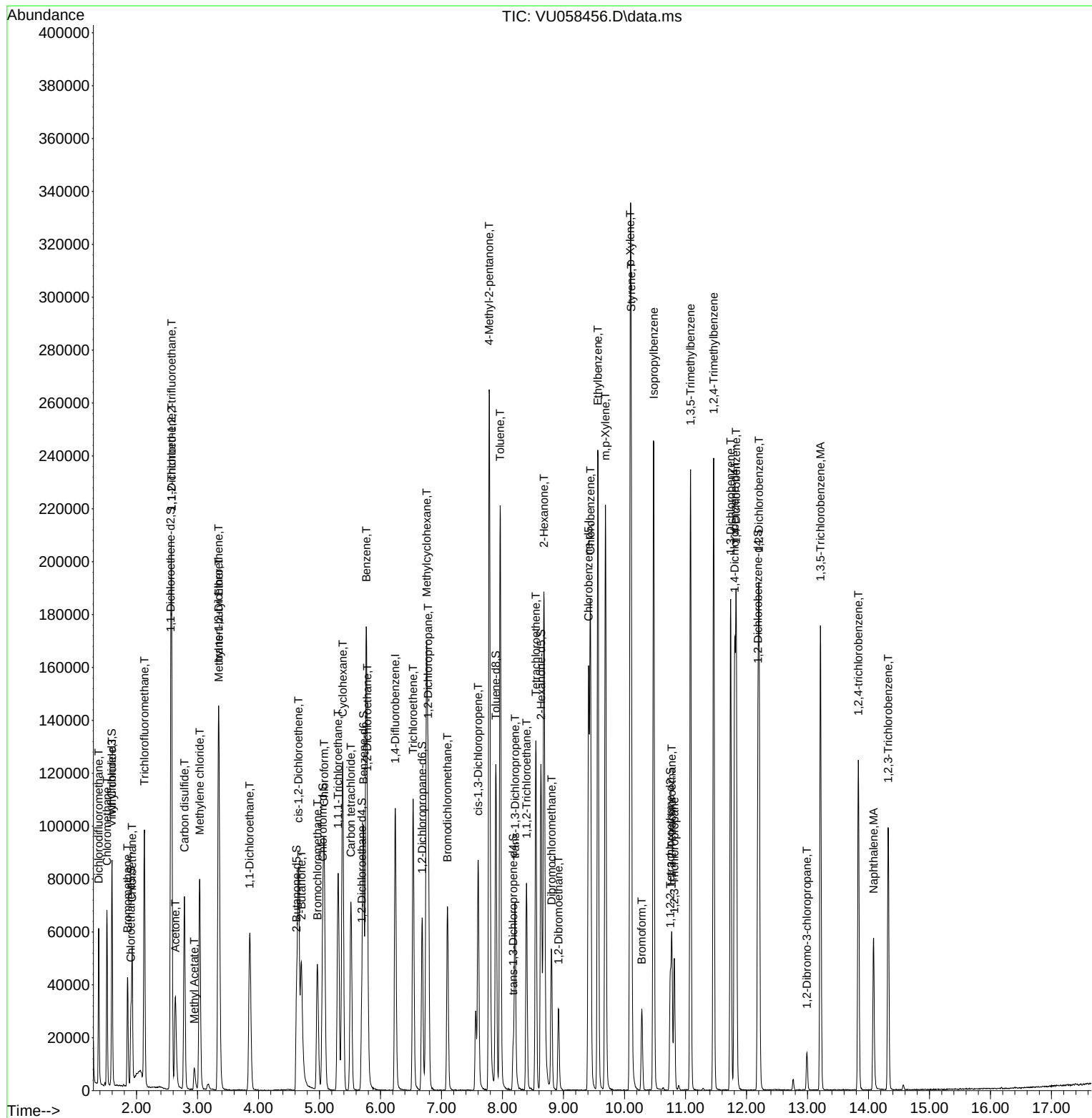
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	41182	5.142	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	58378	5.427	ug/L	98
30) Cyclohexane	5.380	56	60621	5.336	ug/L	99
31) Carbon tetrachloride	5.515	117	48057	5.276	ug/L	98
33) Benzene	5.766	78	149756	5.149	ug/L	100
34) Trichloroethene	6.534	95	37481	5.113	ug/L	97
35) Methylcyclohexane	6.756	83	58478	5.295	ug/L	97
37) 1,2-Dichloropropane	6.782	63	40718	5.322	ug/L	99
38) Bromodichloromethane	7.097	83	46112	5.280	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	49894	5.128	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	187321	52.013	ug/L	99
42) Toluene	7.962	91	157195	5.153	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	40769	5.313	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	22931	5.131	ug/L	97
47) Tetrachloroethene	8.547	164	27121	5.047	ug/L	97
48) 2-Hexanone	8.679	43	136151	53.253	ug/L	98
49) Dibromochloromethane	8.804	129	26851	5.197	ug/L	98
50) 1,2-Dibromoethane	8.917	107	21283	5.208	ug/L	89
51) Chlorobenzene	9.441	112	93610	5.072	ug/L	98
52) Ethylbenzene	9.563	91	166952	5.166	ug/L	99
53) m,p-Xylene	9.688	106	59472	5.139	ug/L	99
54) o-Xylene	10.093	106	59614	5.255	ug/L	99
55) Styrene	10.109	104	95834	5.250	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	29004	5.262	ug/L	97
59) Bromoform	10.283	173	13286	5.104	ug/L	99
60) Isopropylbenzene	10.479	105	153782	5.391	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	20739	5.217	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	125760	5.406	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	126902	5.343	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	69839	5.040	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	67268	4.983	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	62190	4.934	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3703	5.492	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	50957	4.973	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	36287	4.593	ug/L	99
71) Naphthalene	14.084	128	47841	4.419	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	29590	4.535	ug/L	97

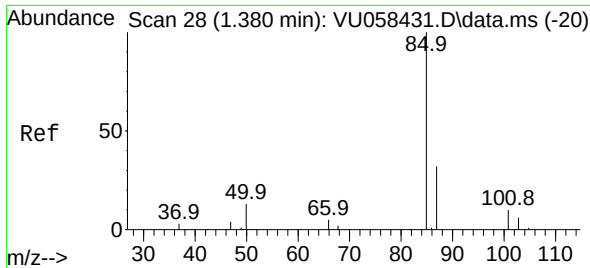
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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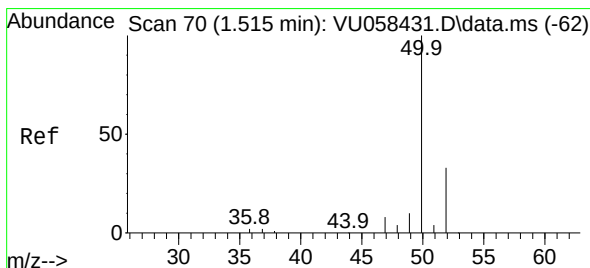
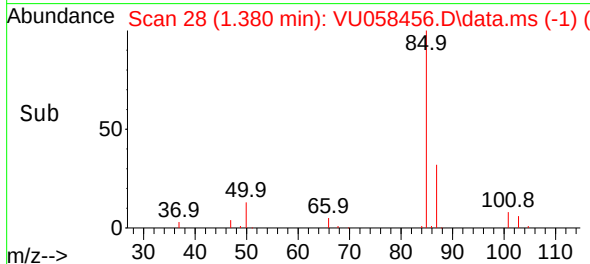
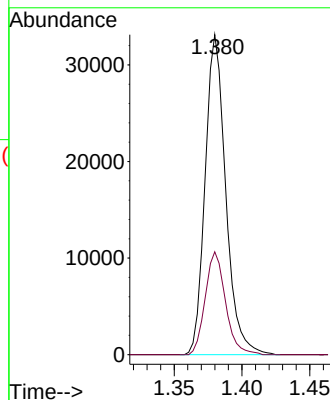
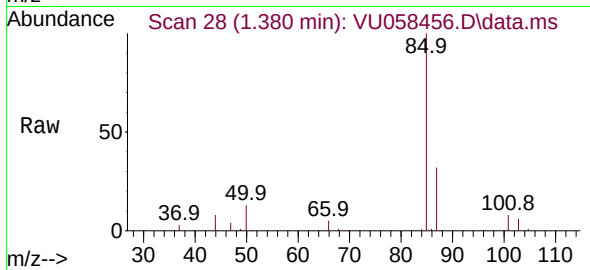




#2
 Dichlorodifluoromethane
 Concen: 5.009 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

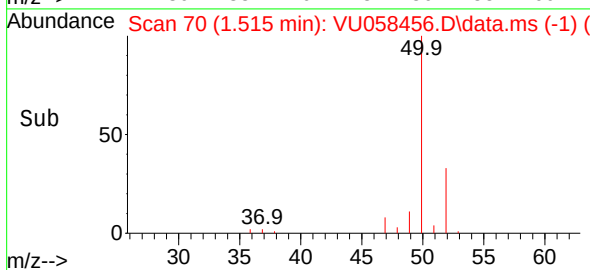
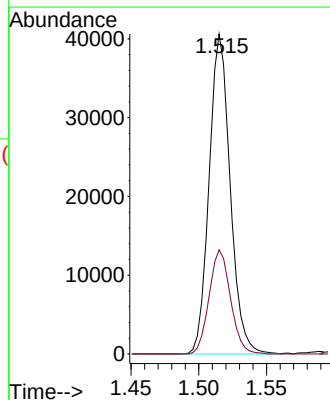
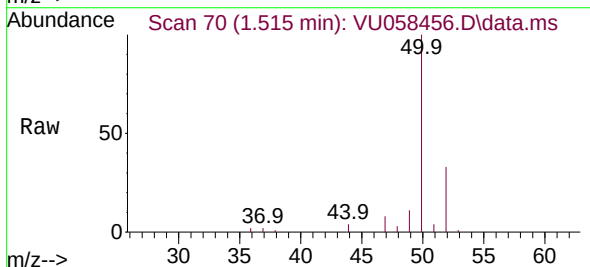
Instrument :
 MSVOA_U
 ClientSampleId :

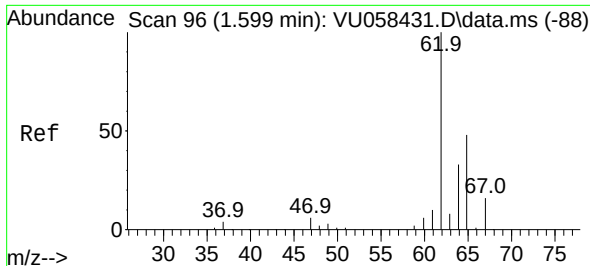
Tgt Ion: 85 Resp: 35000
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 5.128 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

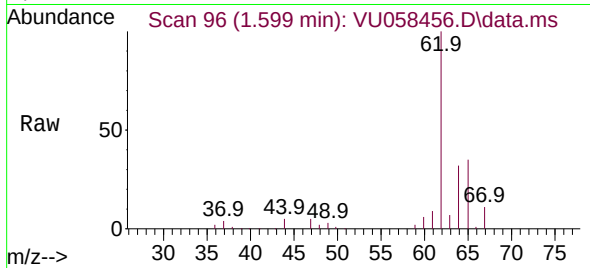
Tgt Ion: 50 Resp: 43845
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.6 42.0



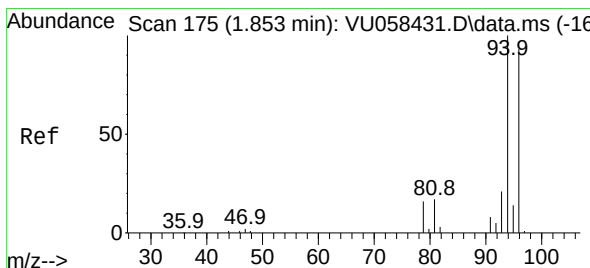
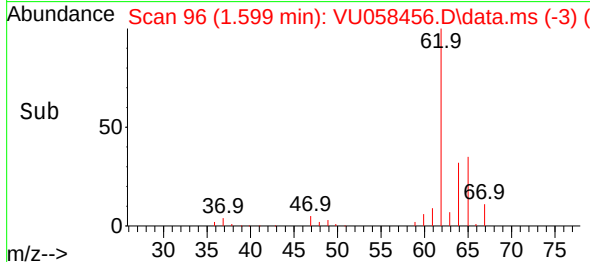
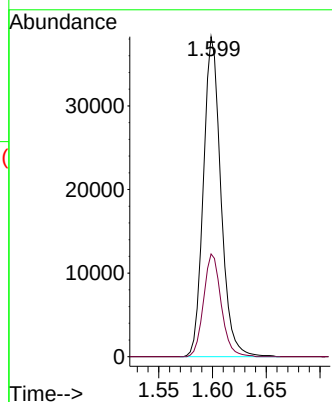


#5
 Vinyl chloride
 Concen: 5.083 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

Instrument :
 MSVOA_U
 ClientSampleId :

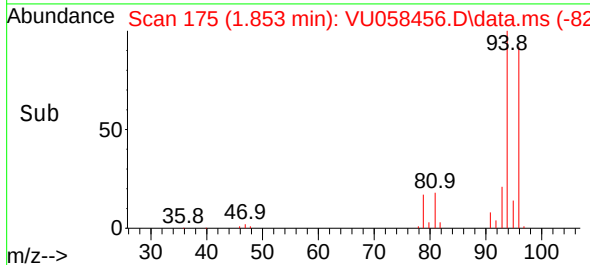
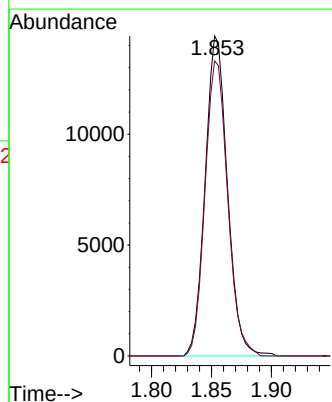
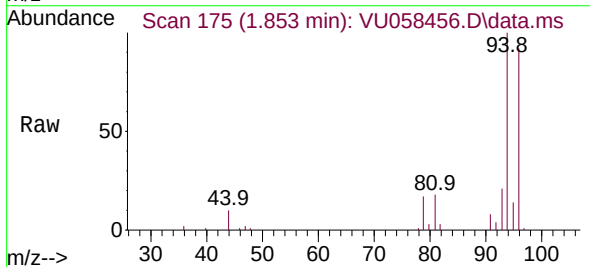


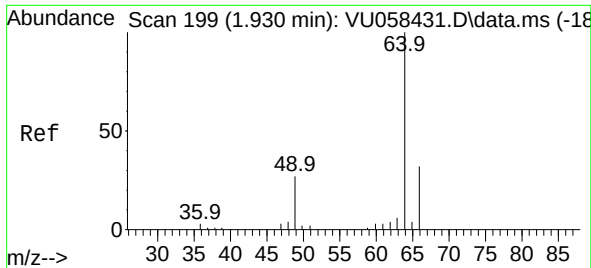
Tgt Ion: 62 Resp: 43406
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0



#6
 Bromomethane
 Concen: 4.627 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

Tgt Ion: 94 Resp: 18693
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.4 121.4

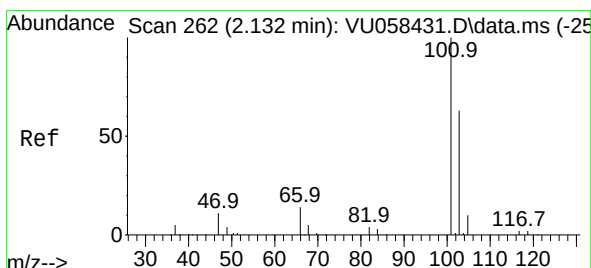
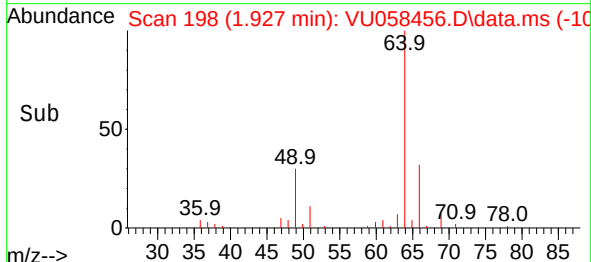
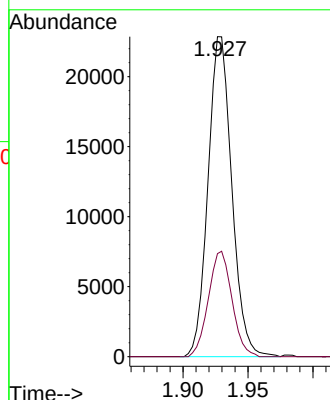
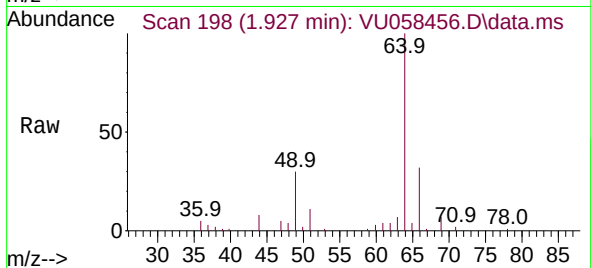




#8
Chloroethane
Concen: 5.401 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

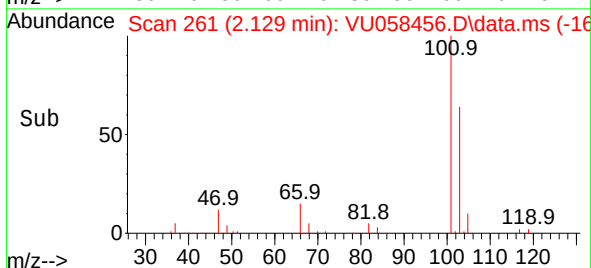
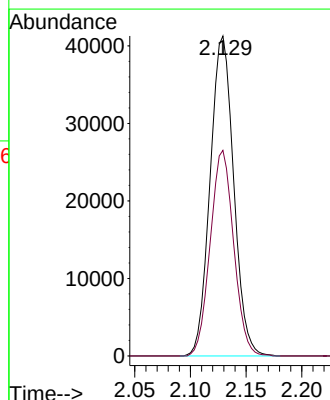
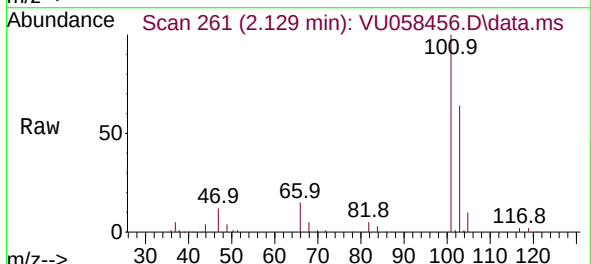
Instrument :
MSVOA_U
ClientSampleId :

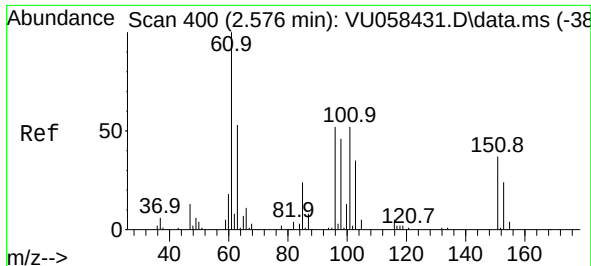
Tgt Ion: 64 Resp: 29137
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.380 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion:101 Resp: 60676
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8





#10

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

Concen: 5.261 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058456.D

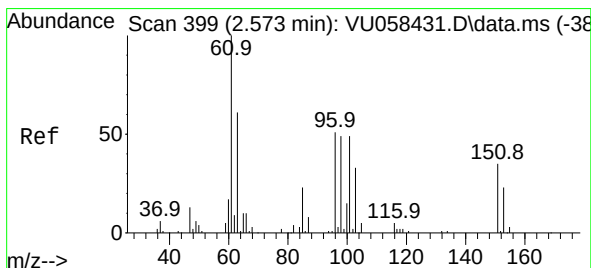
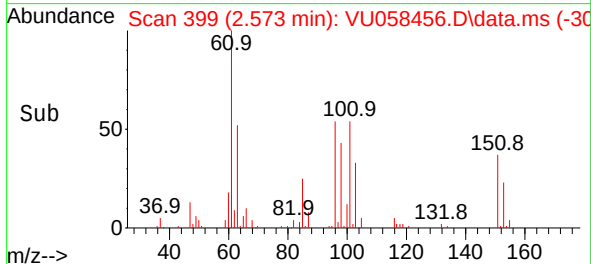
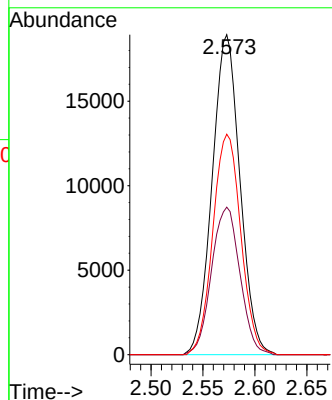
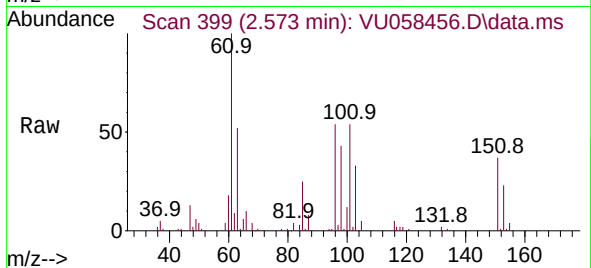
Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	35252
Ion Ratio	Lower	Upper	
101	100		
85	47.1	36.8	55.2
151	69.4	58.2	87.4



#12

1,1-Dichloroethene

Concen: 5.383 ug/L

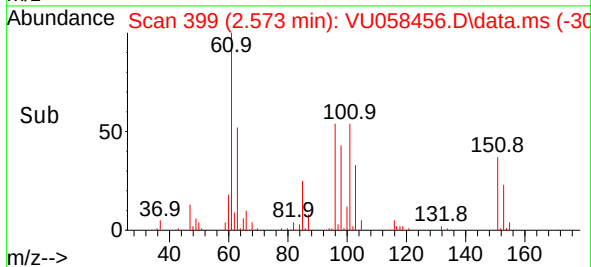
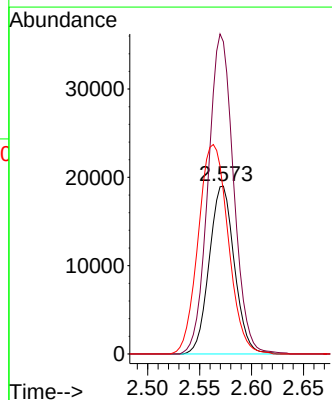
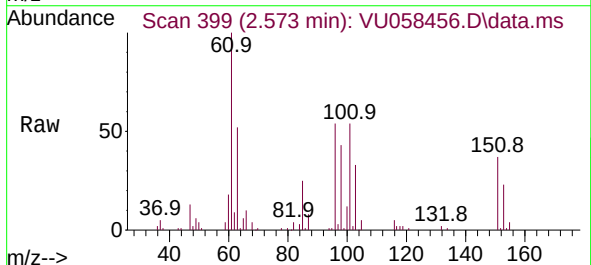
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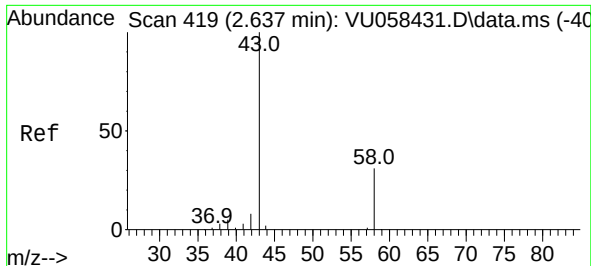
Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Tgt Ion:	96	Resp:	31976
Ion Ratio	Lower	Upper	
96	100		
61	186.0	132.5	246.1
63	96.6	87.7	162.9





#13

Acetone

Concen: 48.682 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

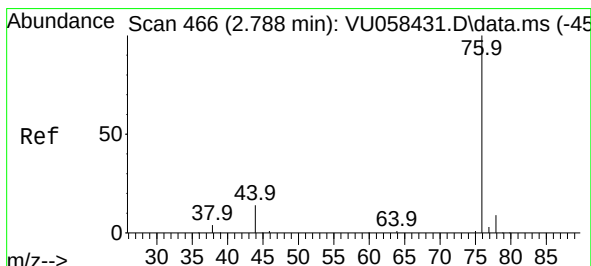
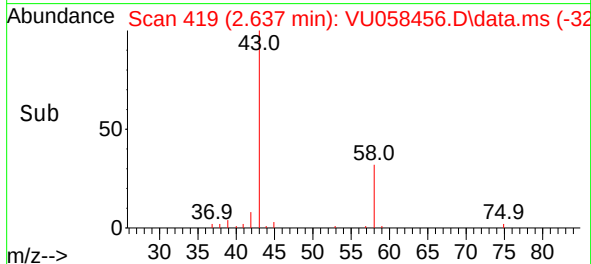
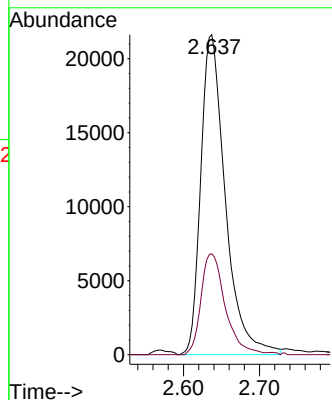
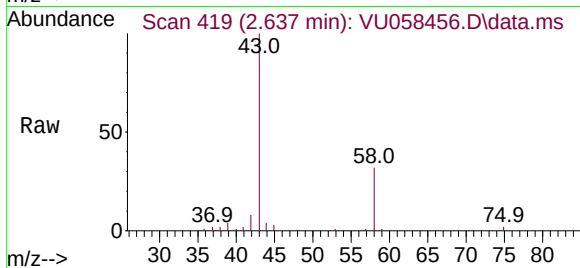
ClientSampleId :

Tgt Ion: 43 Resp: 48595

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.4



#14

Carbon disulfide

Concen: 5.040 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU058456.D

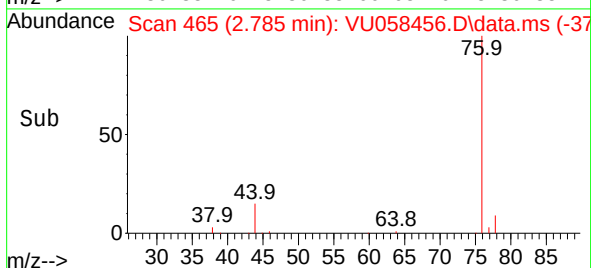
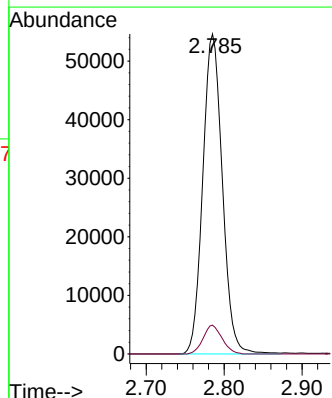
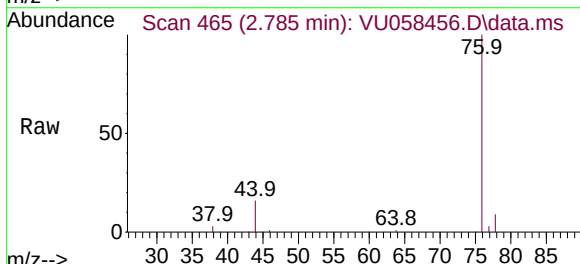
Acq: 08 Apr 2024 09:31

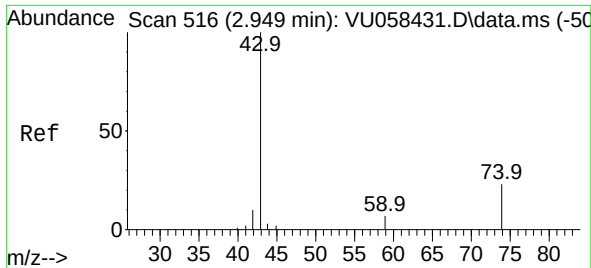
Tgt Ion: 76 Resp: 95106

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.297 ug/L

RT: 2.946 min Scan# 516

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

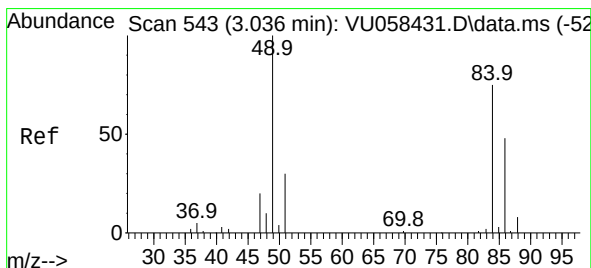
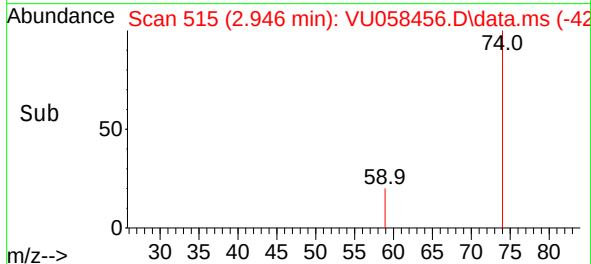
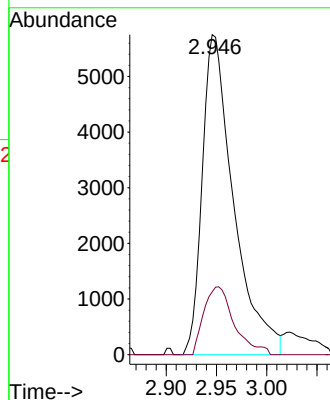
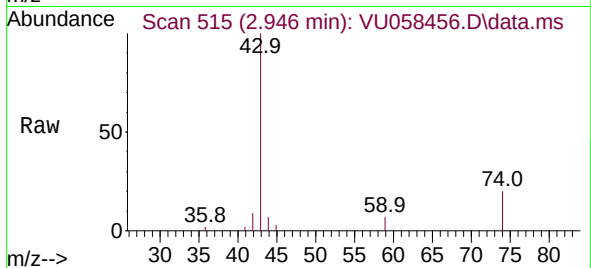
ClientSampleId :

Tgt Ion: 43 Resp: 12475

Ion Ratio Lower Upper

43 100

74 20.5 16.6 25.0



#16

Methylene chloride

Concen: 4.493 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

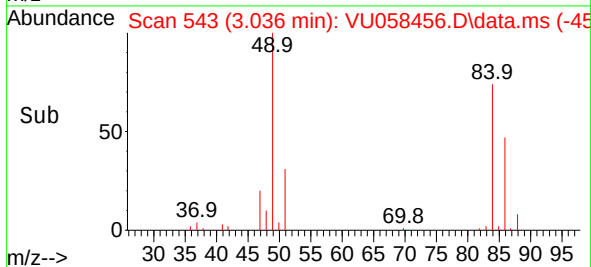
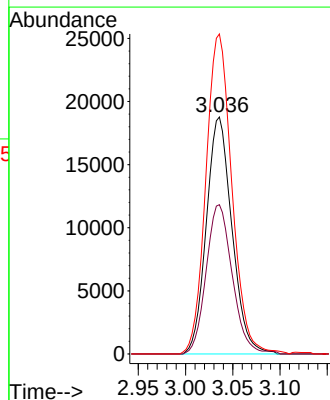
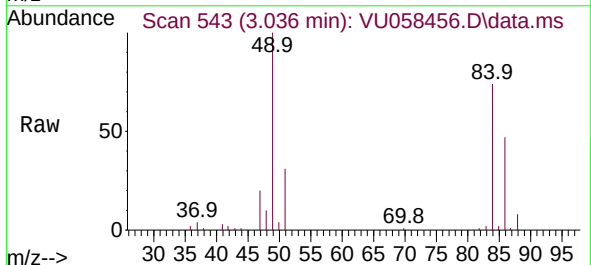
Tgt Ion: 84 Resp: 35421

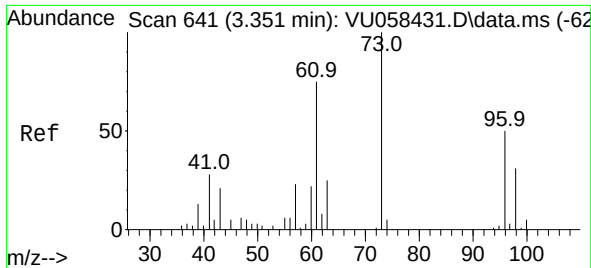
Ion Ratio Lower Upper

84 100

86 63.0 44.3 82.3

49 135.0 96.0 178.2

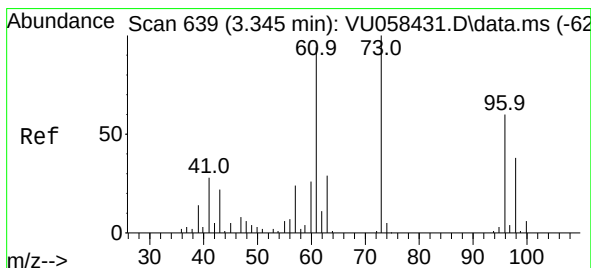
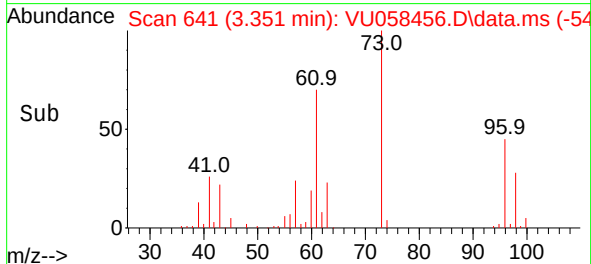
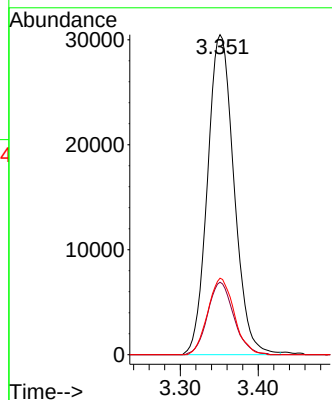
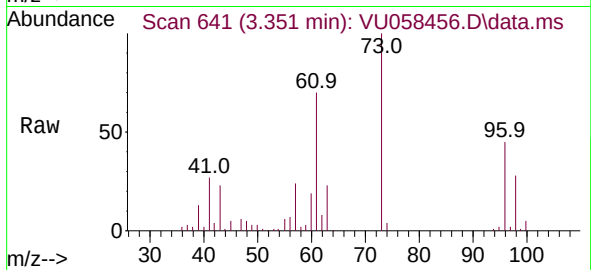




#17
Methyl tert-butyl Ether
Concen: 5.131 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

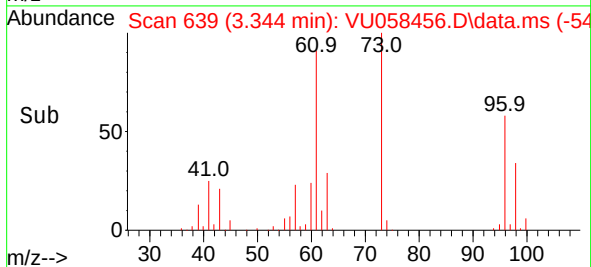
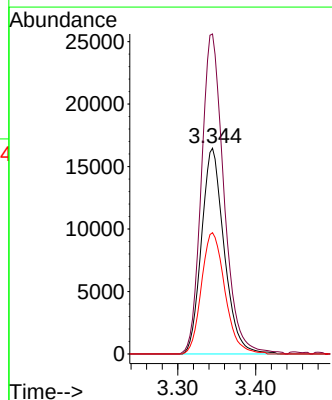
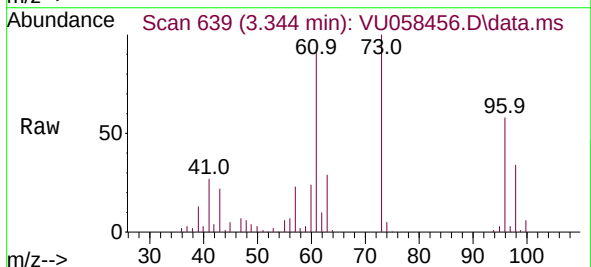
Instrument :
MSVOA_U
ClientSampleId :

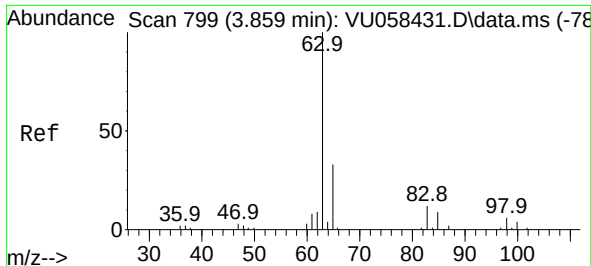
Tgt Ion: 73 Resp: 72000
Ion Ratio Lower Upper
73 100
43 22.4 17.4 26.2
57 23.7 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.349 ug/L
RT: 3.344 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

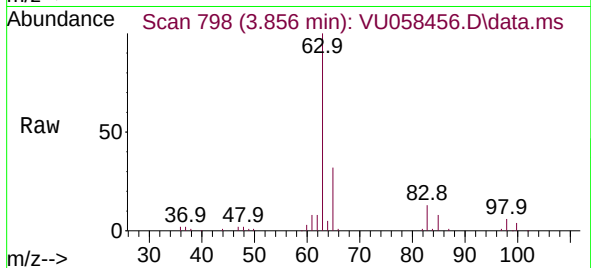
Tgt Ion: 96 Resp: 33302
Ion Ratio Lower Upper
96 100
61 155.5 107.6 199.8
98 59.0 45.1 83.7



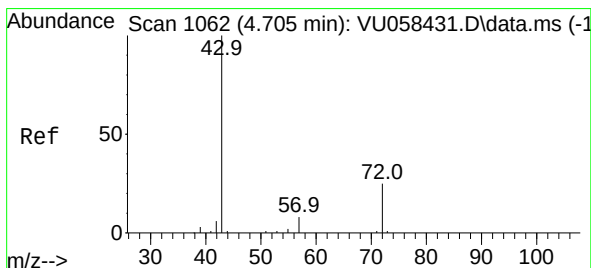
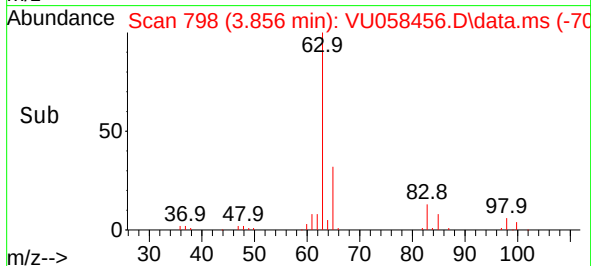
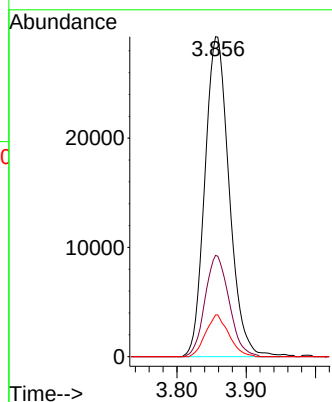


#19
1,1-Dichloroethane
Concen: 5.251 ug/L
RT: 3.856 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

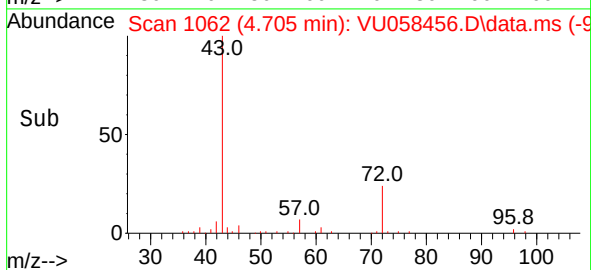
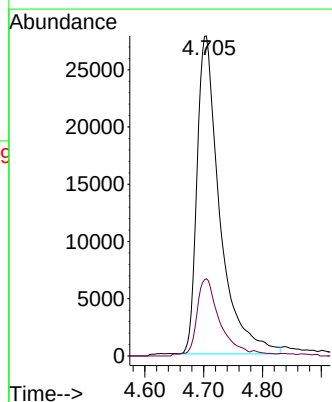
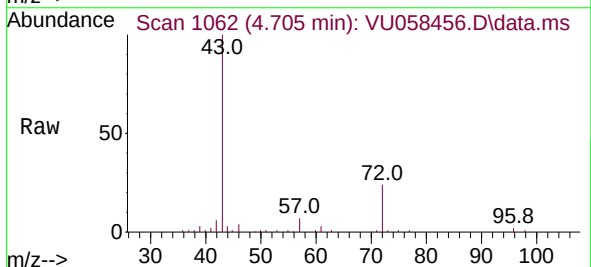


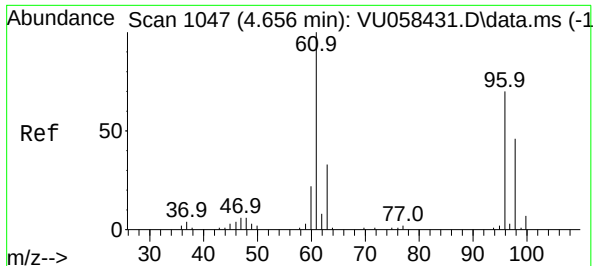
Tgt Ion: 63 Resp: 71354
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 13.1 9.6 17.8



#21
2-Butanone
Concen: 50.113 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 43 Resp: 74768
Ion Ratio Lower Upper
43 100
72 24.3 11.7 35.0



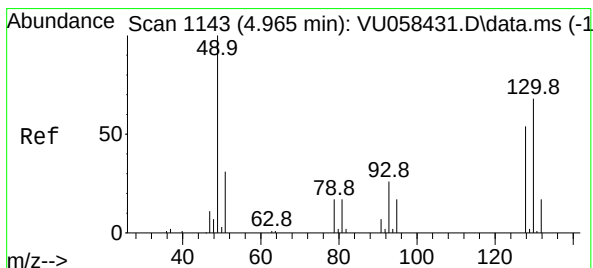
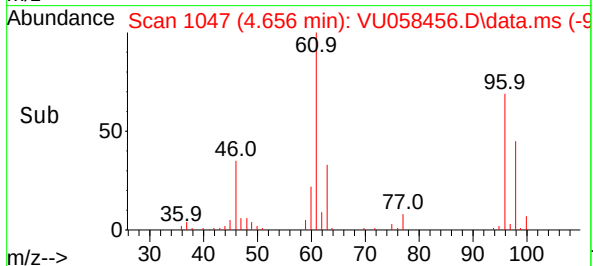
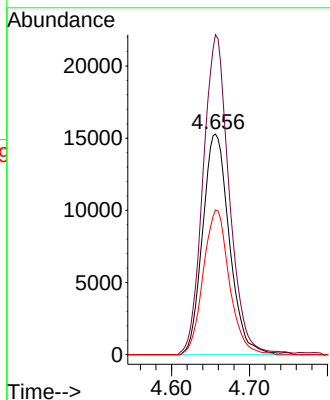
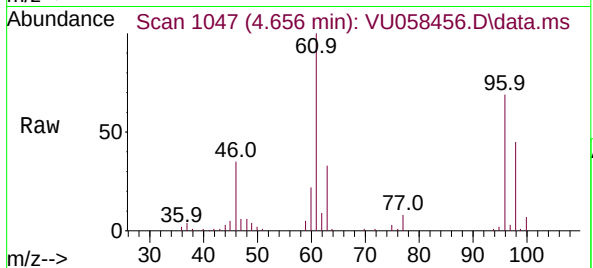


#22
 cis-1,2-Dichloroethene
 Concen: 5.218 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 36483

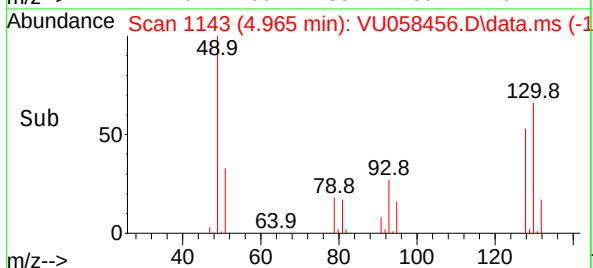
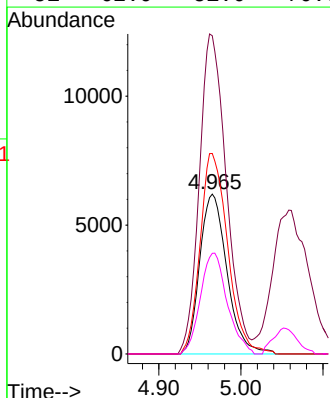
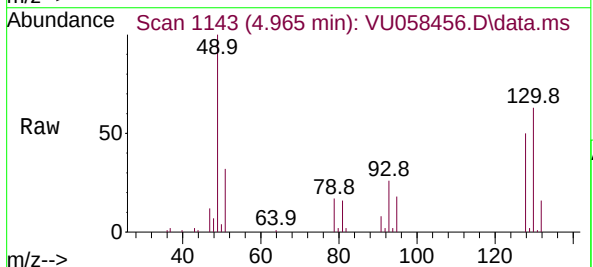
Ion	Ratio	Lower	Upper
96	100		
61	145.0	98.1	182.3
98	65.6	43.6	81.0

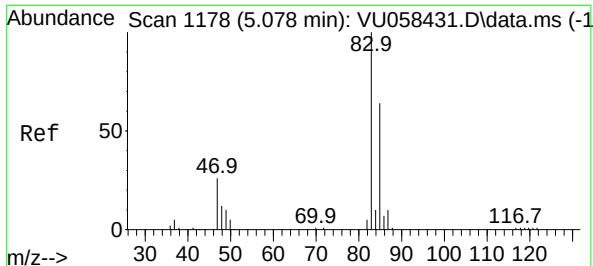


#23
 Bromochloromethane
 Concen: 5.198 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

Tgt Ion: 128 Resp: 14319

Ion	Ratio	Lower	Upper
128	100		
49	199.1	134.4	249.6
130	125.4	90.0	167.2
51	62.9	51.0	76.6

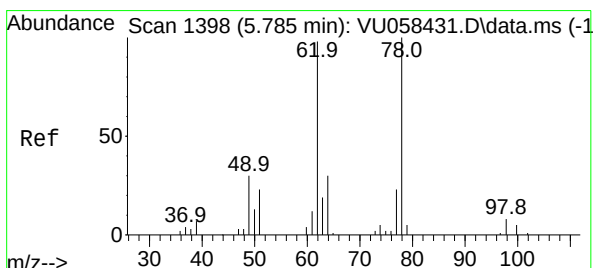
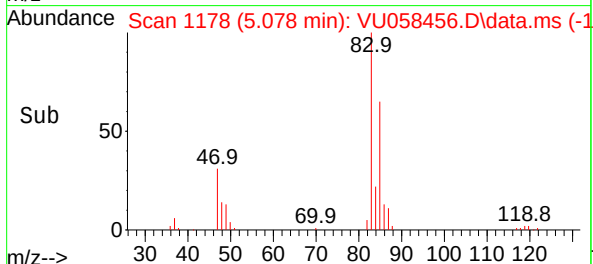
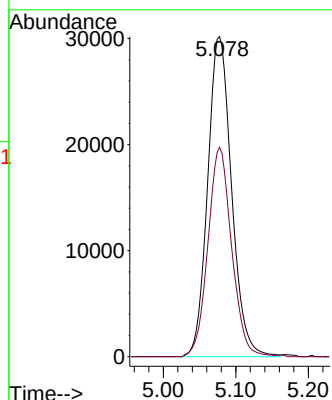
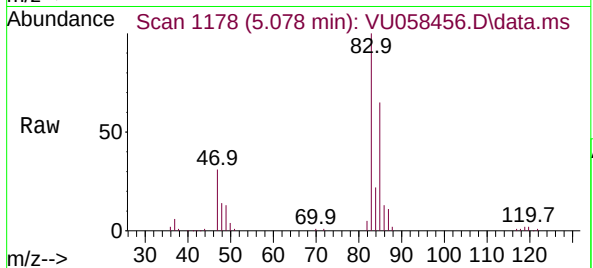




#25
Chloroform
Concen: 5.262 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

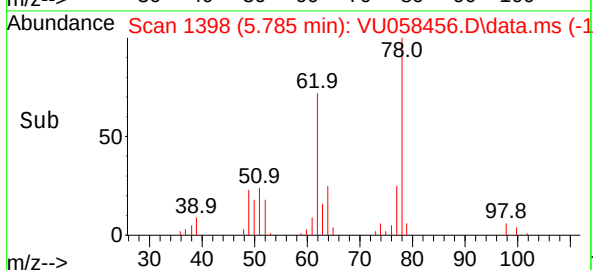
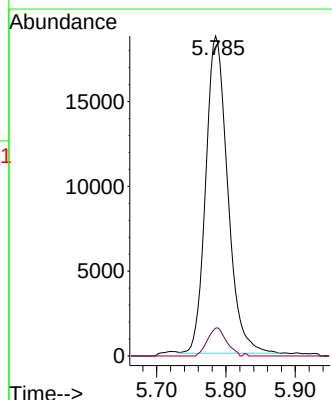
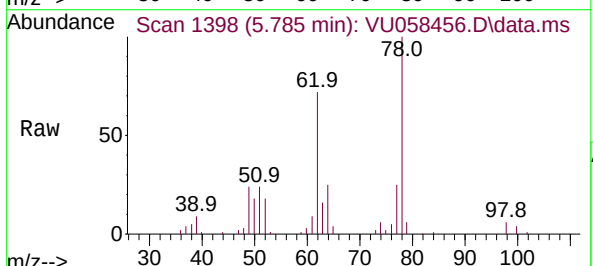
Instrument :
MSVOA_U
ClientSampleId :

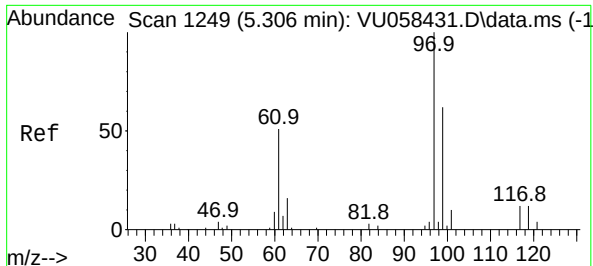
Tgt Ion: 83 Resp: 69210
Ion Ratio Lower Upper
83 100
85 65.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.142 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 62 Resp: 41182
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4

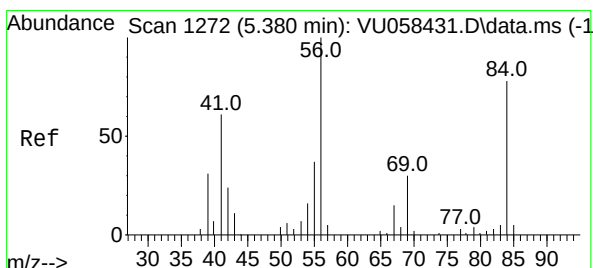
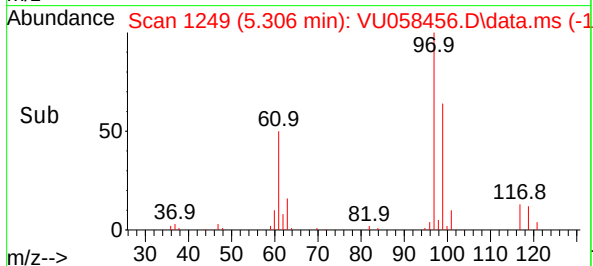
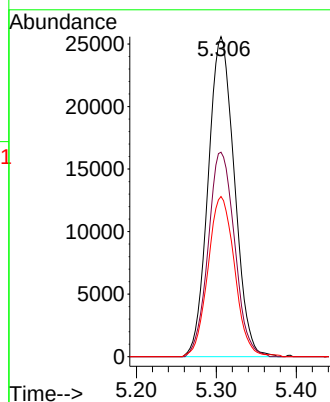
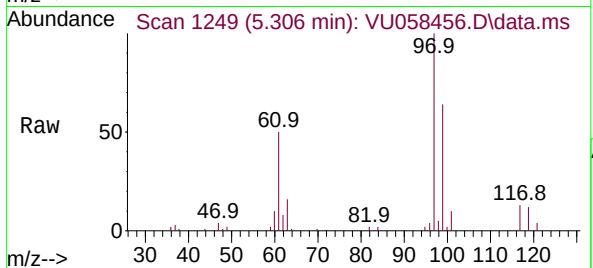




#29
1,1,1-Trichloroethane
Concen: 5.427 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

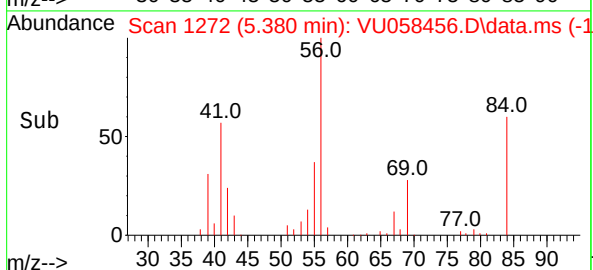
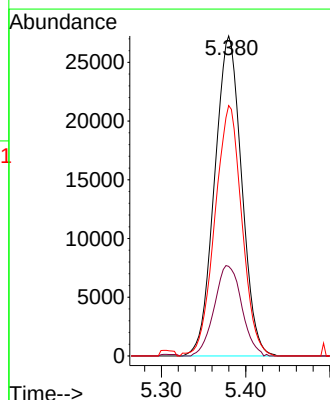
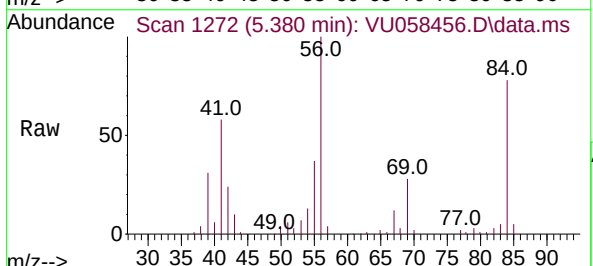
Instrument :
MSVOA_U
ClientSampleId :

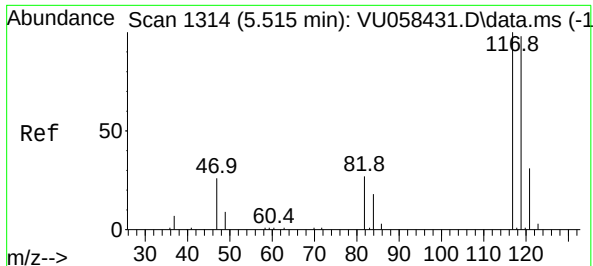
Tgt Ion:	97	Resp:	58378
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.4	75.6
61	50.8	39.4	59.0



#30
Cyclohexane
Concen: 5.336 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion:	56	Resp:	60621
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	78.2	63.3	94.9

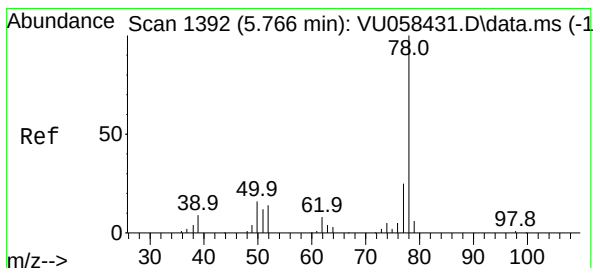
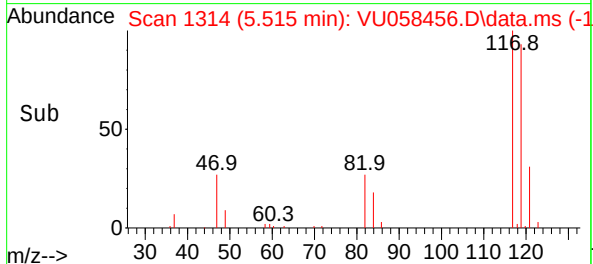
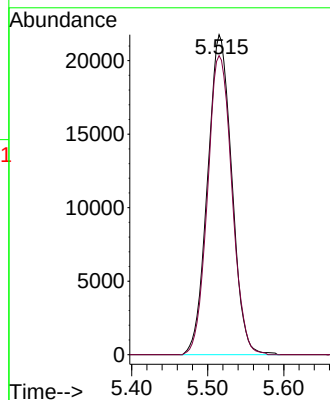
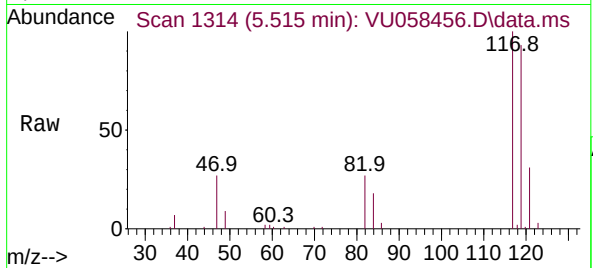




#31
Carbon tetrachloride
Concen: 5.276 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

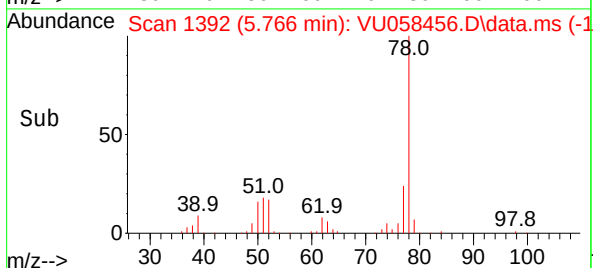
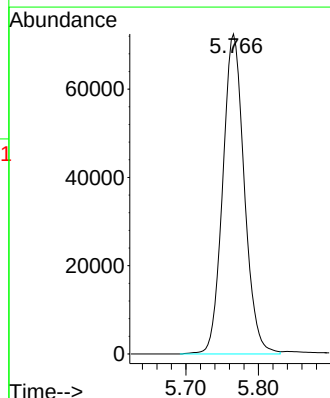
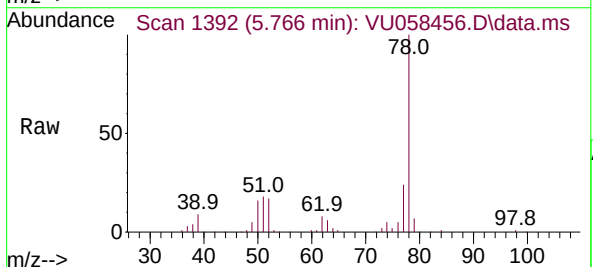
Instrument :
MSVOA_U
ClientSampleId :

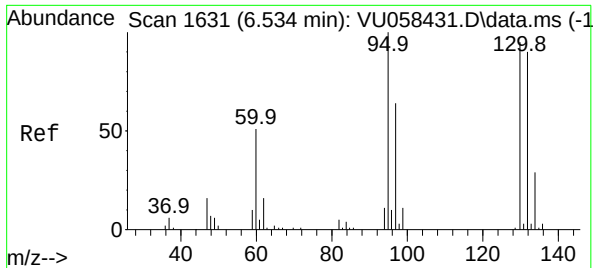
Tgt Ion:117 Resp: 48057
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1



#33
Benzene
Concen: 5.149 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

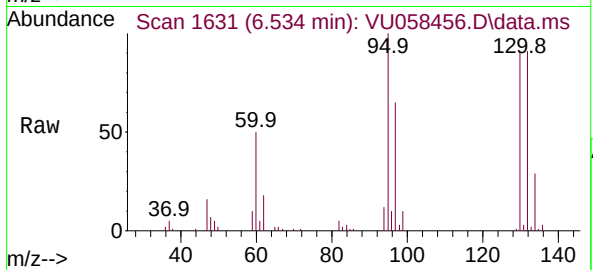
Tgt Ion: 78 Resp: 149756



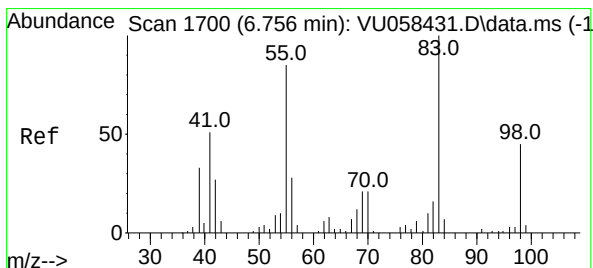
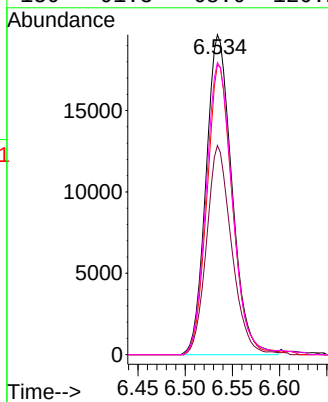
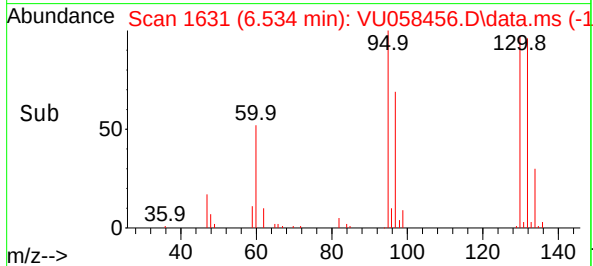


#34
Trichloroethene
Concen: 5.113 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

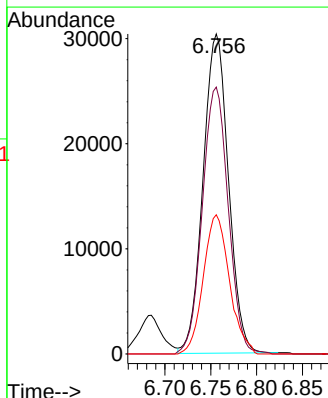
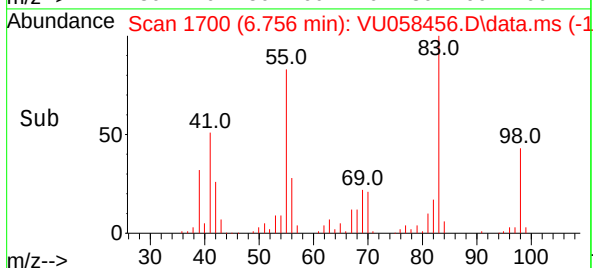
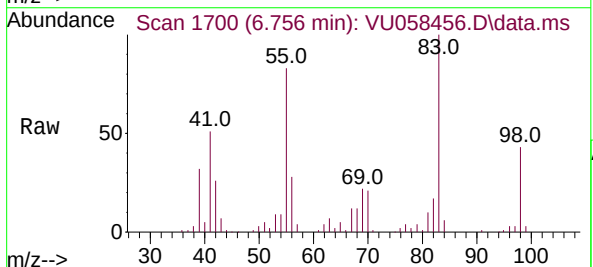


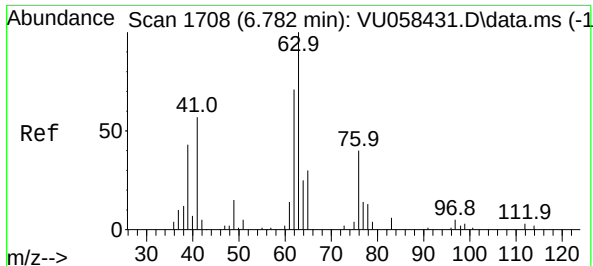
Tgt Ion: 95 Resp: 37481
Ion Ratio Lower Upper
95 100
97 65.3 45.6 84.6
132 90.6 64.8 120.3
130 91.3 68.0 126.2



#35
Methylcyclohexane
Concen: 5.295 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 83 Resp: 58478
Ion Ratio Lower Upper
83 100
55 85.5 66.2 99.4
98 44.9 34.6 52.0

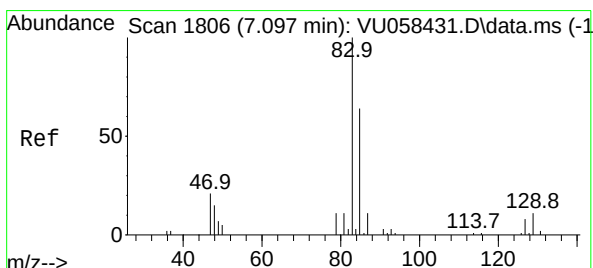
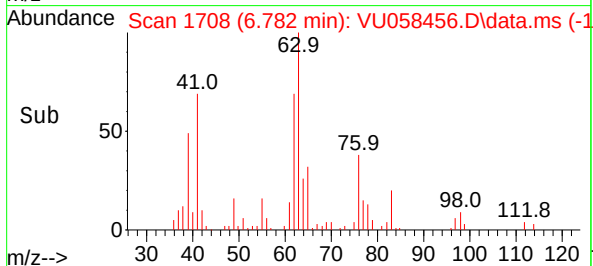
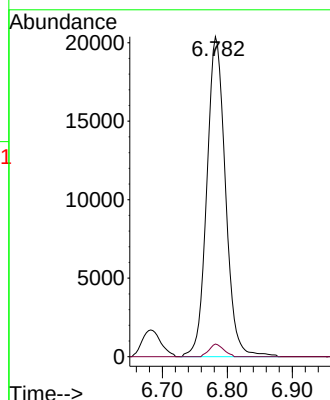
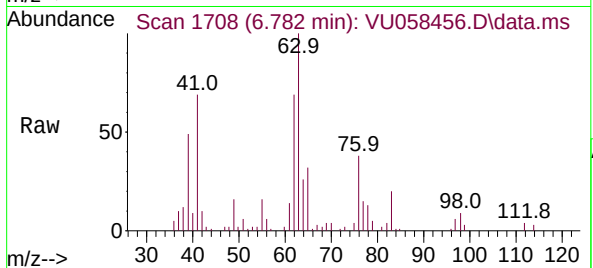




#37
1,2-Dichloropropane
Concen: 5.322 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

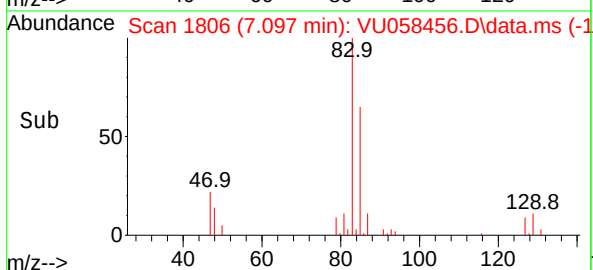
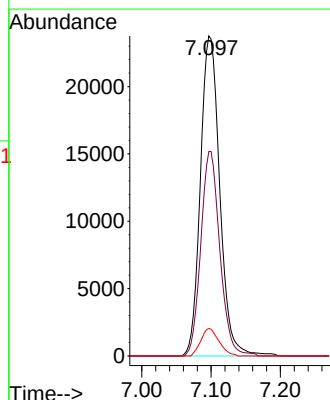
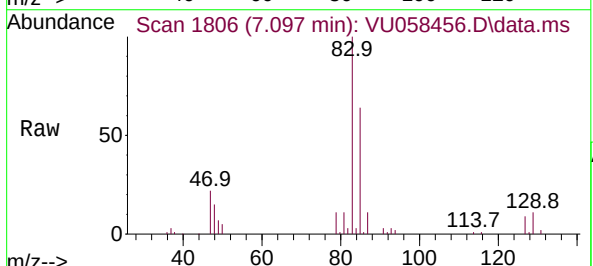
Instrument :
MSVOA_U
ClientSampleId :

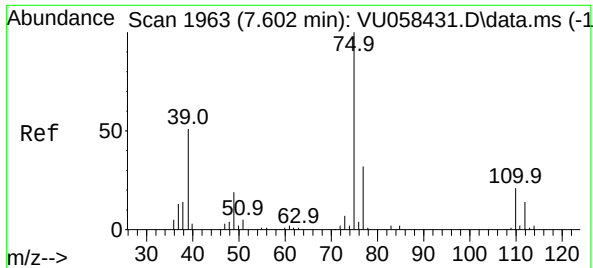
Tgt Ion: 63 Resp: 40718
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 5.280 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 83 Resp: 46112
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2
127 8.6 6.5 9.7

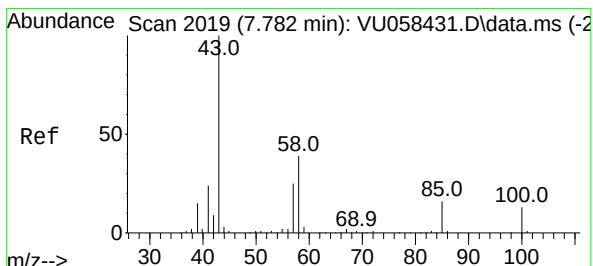
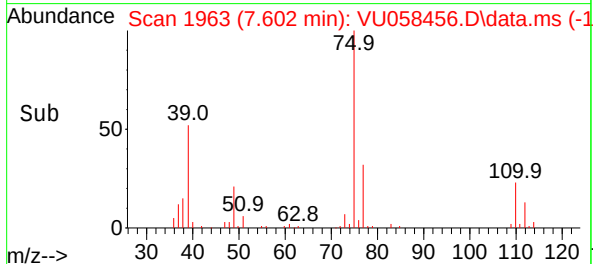
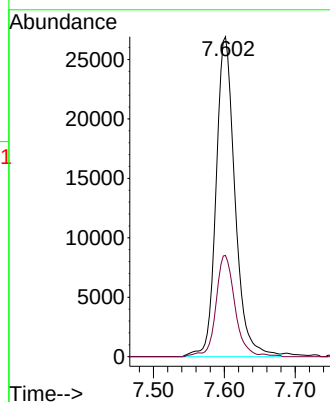
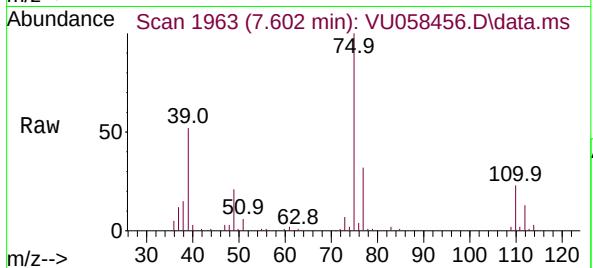




#39
 cis-1,3-Dichloropropene
 Concen: 5.128 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

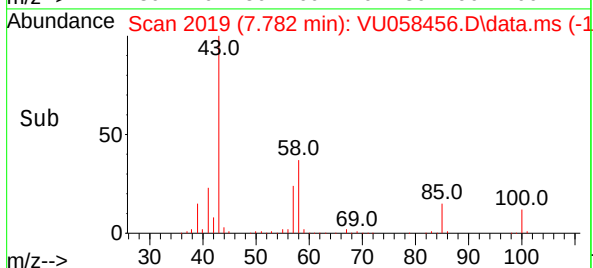
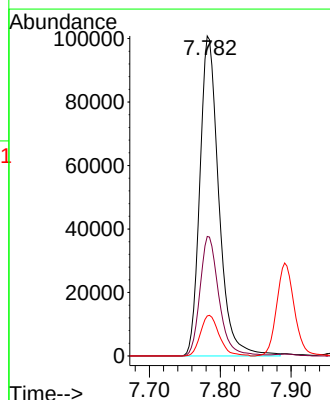
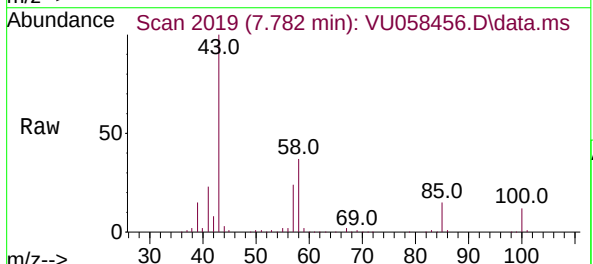
Instrument :
 MSVOA_U
 ClientSampleId :

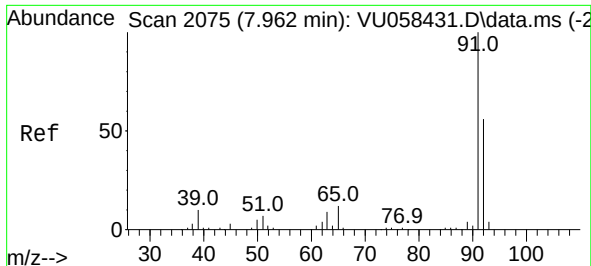
Tgt Ion: 75 Resp: 49894
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 52.013 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058456.D
 Acq: 08 Apr 2024 09:31

Tgt Ion: 43 Resp: 187321
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.4 45.6
 100 12.5 10.3 15.5





#42

Toluene

Concen: 5.153 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

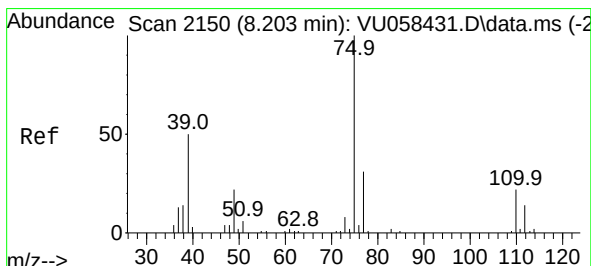
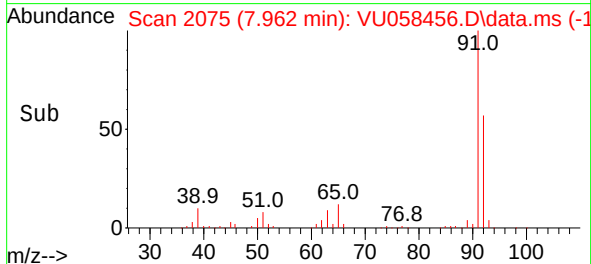
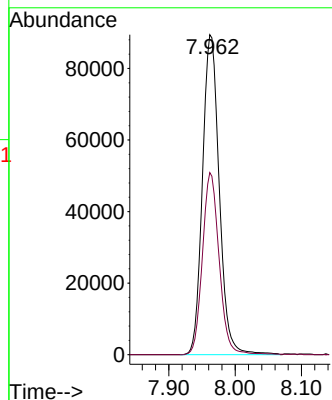
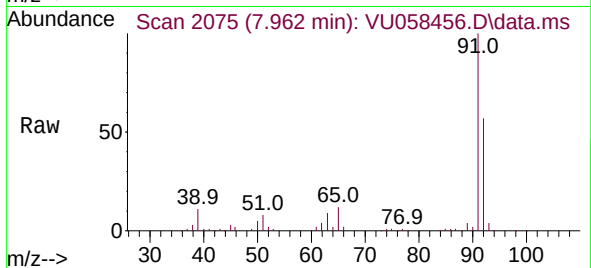
ClientSampleId :

Tgt Ion: 91 Resp: 157195

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.313 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058456.D

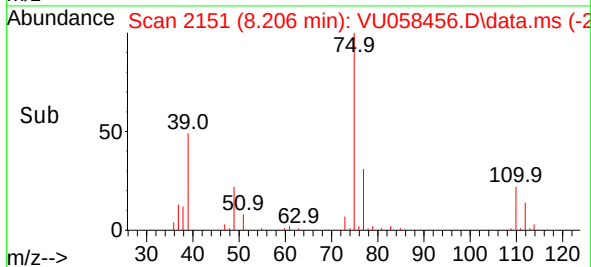
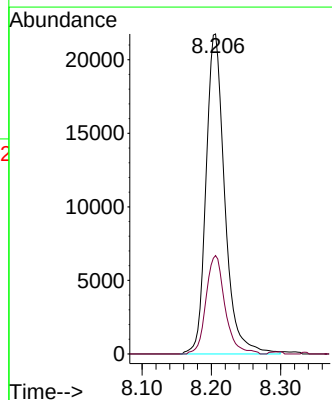
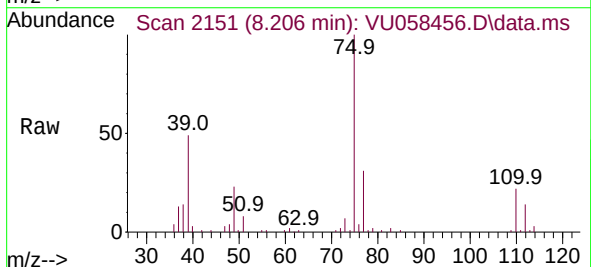
Acq: 08 Apr 2024 09:31

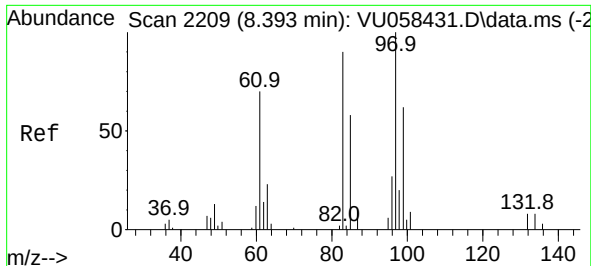
Tgt Ion: 75 Resp: 40769

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



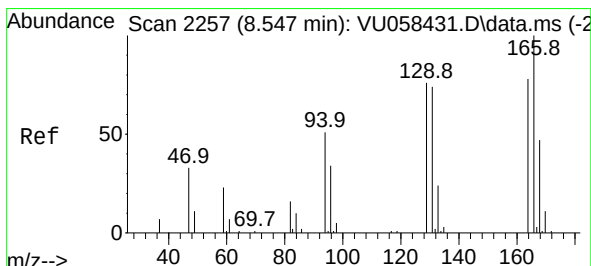
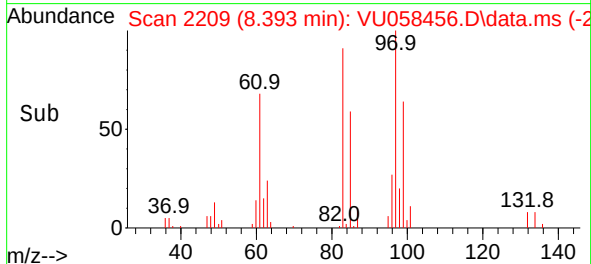
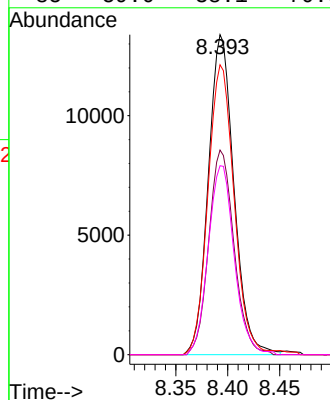
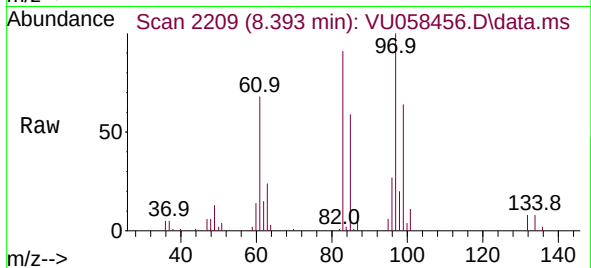


#45
1,1,2-Trichloroethane
Concen: 5.131 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 22931

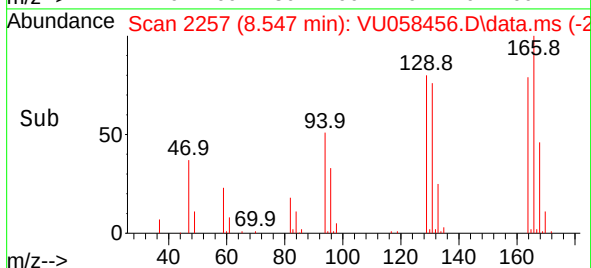
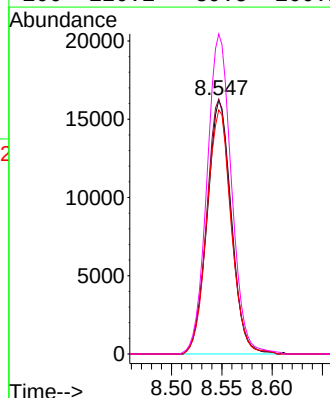
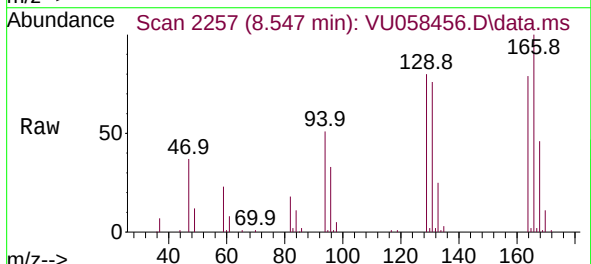
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.7	81.1
83	90.6	64.5	119.7
85	59.0	38.1	70.9

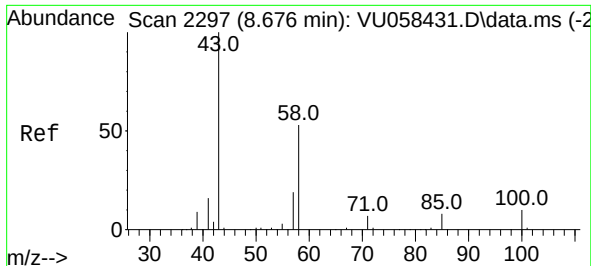


#47
Tetrachloroethene
Concen: 5.047 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 164 Resp: 27121

Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.3	125.1
131	96.1	65.5	121.6
166	126.1	89.5	166.1

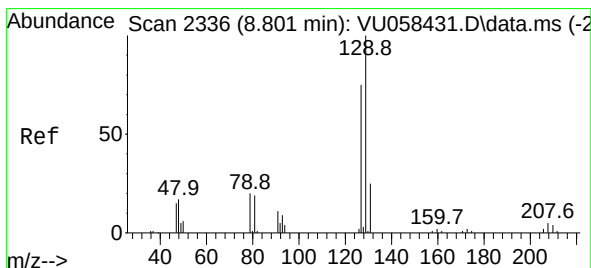
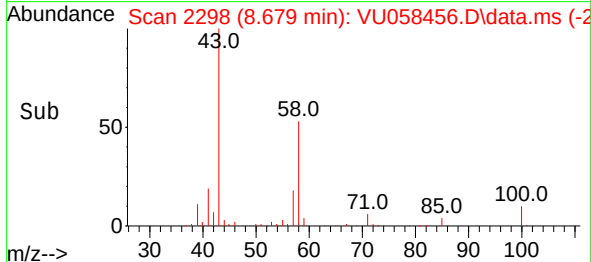
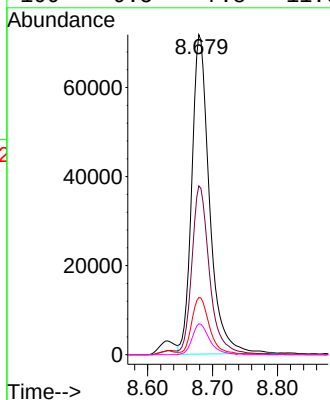
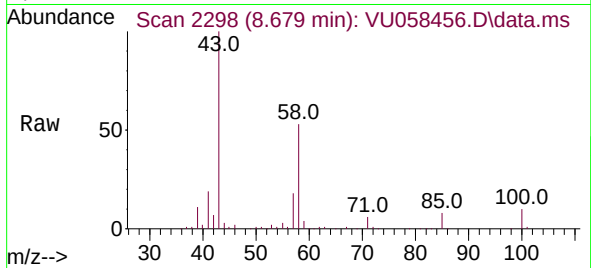




#48
2-Hexanone
Concen: 53.253 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

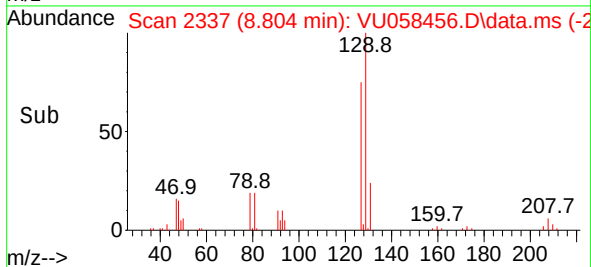
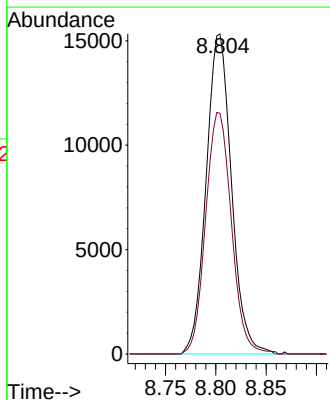
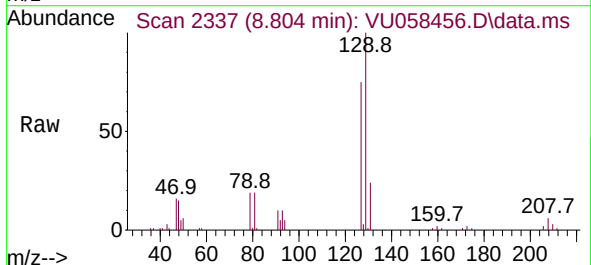
Instrument :
MSVOA_U
ClientSampleId :

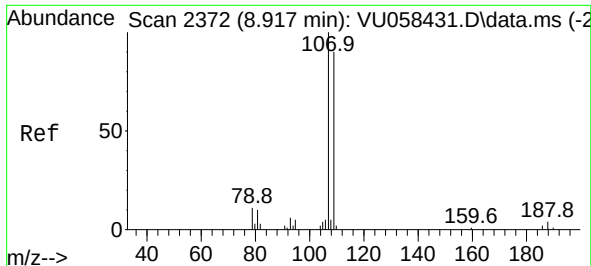
Tgt Ion: 43 Resp: 136151
Ion Ratio Lower Upper
43 100
58 52.6 43.2 64.8
57 18.0 15.4 23.0
100 9.5 7.8 11.6



#49
Dibromochloromethane
Concen: 5.197 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 129 Resp: 26851
Ion Ratio Lower Upper
129 100
127 75.2 53.5 99.5

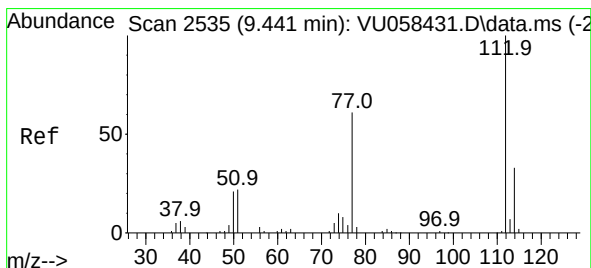
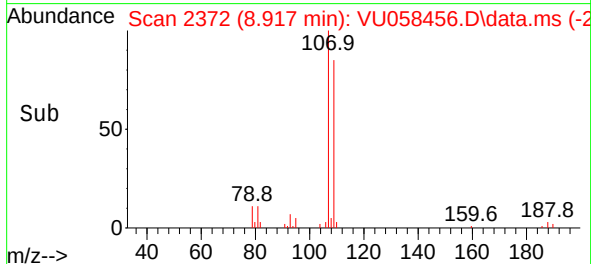
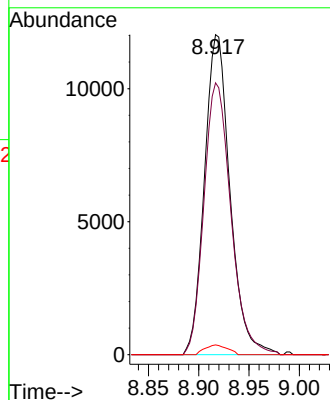
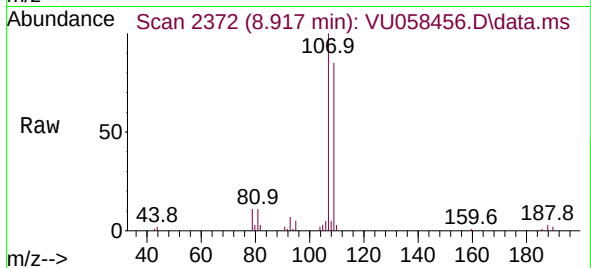




#50
1,2-Dibromoethane
Concen: 5.208 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

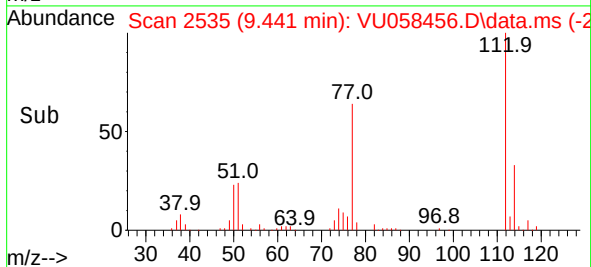
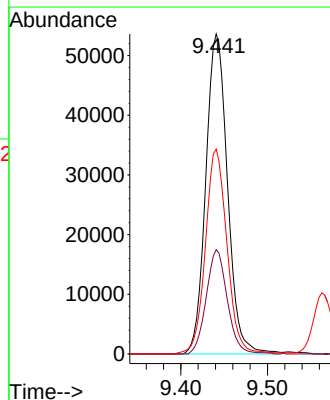
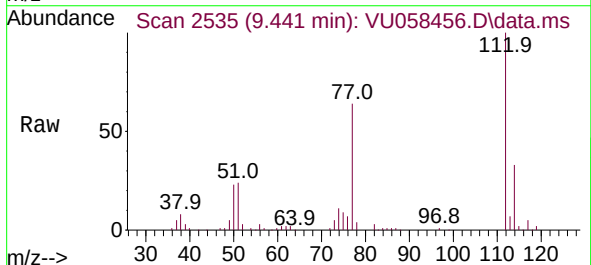
Instrument :
MSVOA_U
ClientSampleId :

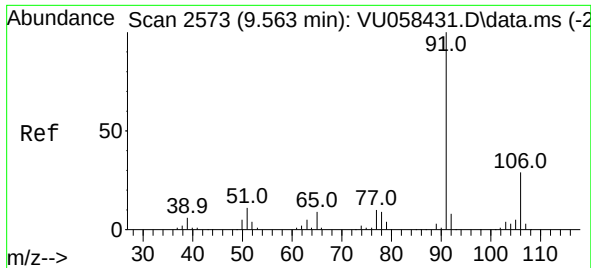
Tgt Ion:107 Resp: 21283
Ion Ratio Lower Upper
107 100
109 85.0 67.3 124.9
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 5.072 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion:112 Resp: 93610
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 64.0 50.1 75.1

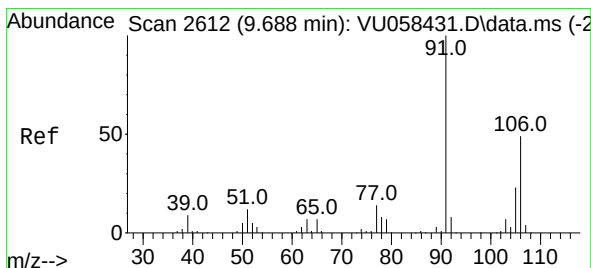
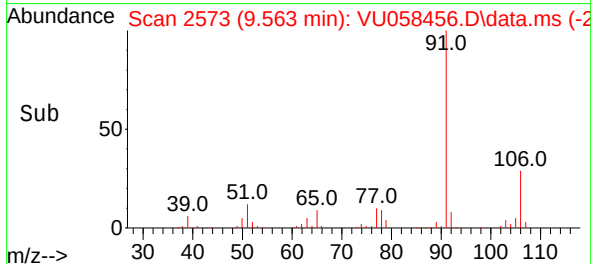
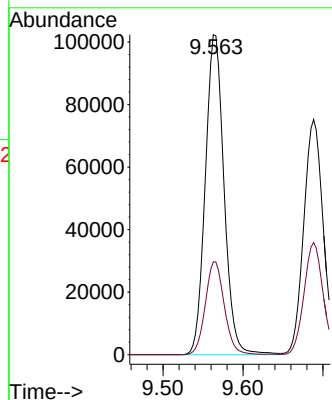
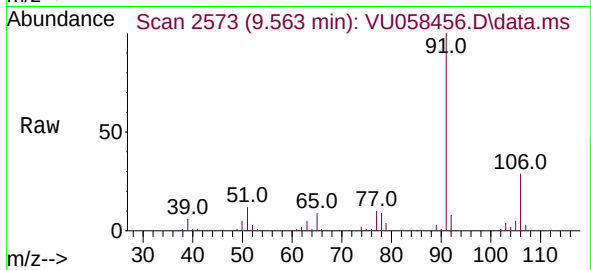




#52
Ethylbenzene
Concen: 5.166 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

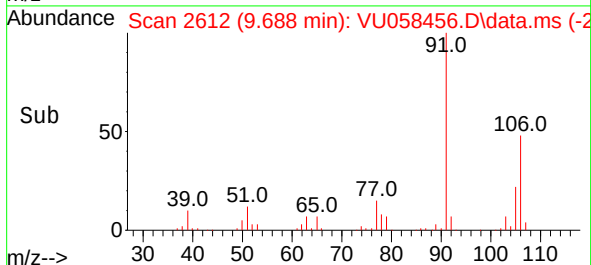
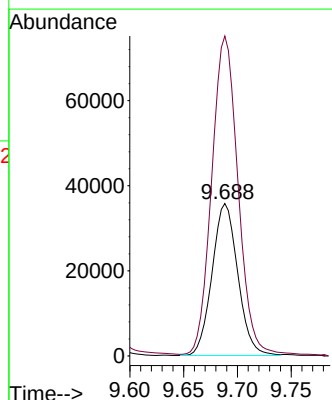
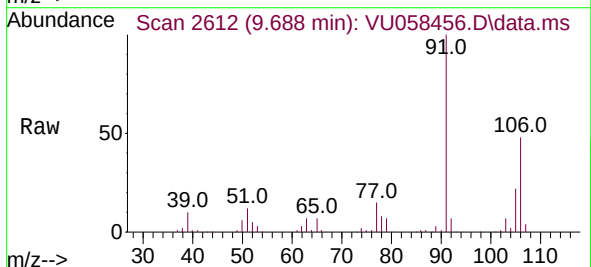
Instrument :
MSVOA_U
ClientSampleId :

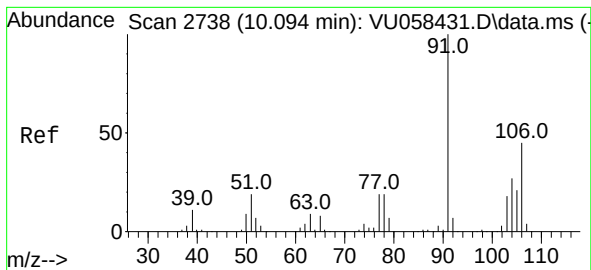
Tgt Ion: 91 Resp: 166952
Ion Ratio Lower Upper
91 100
106 29.0 20.6 38.4



#53
m,p-Xylene
Concen: 5.139 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 106 Resp: 59472
Ion Ratio Lower Upper
106 100
91 209.8 147.8 274.4





#54

o-Xylene

Concen: 5.255 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

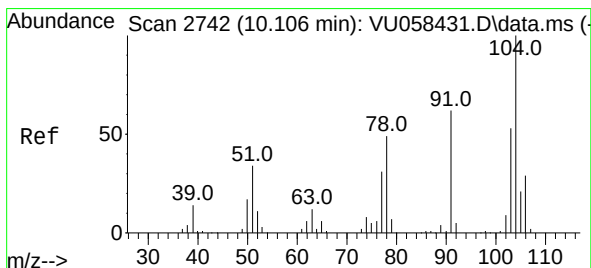
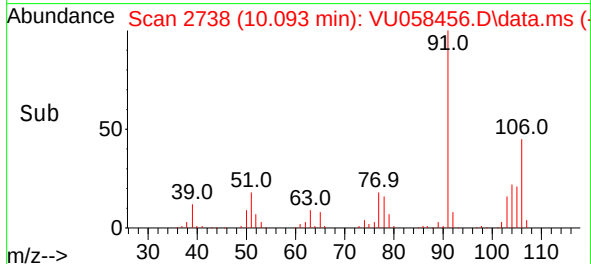
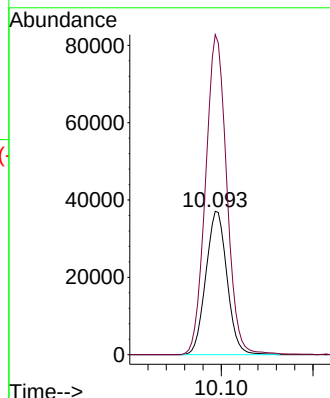
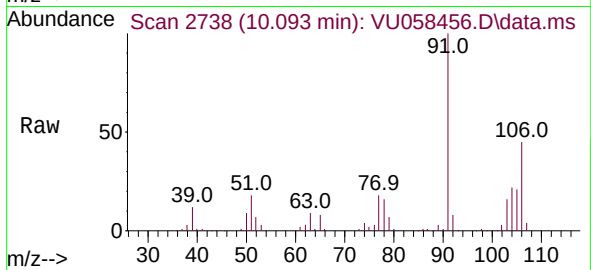
ClientSampleId :

Tgt Ion:106 Resp: 59614

Ion Ratio Lower Upper

106 100

91 223.2 156.9 291.5



#55

Styrene

Concen: 5.250 ug/L

RT: 10.109 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU058456.D

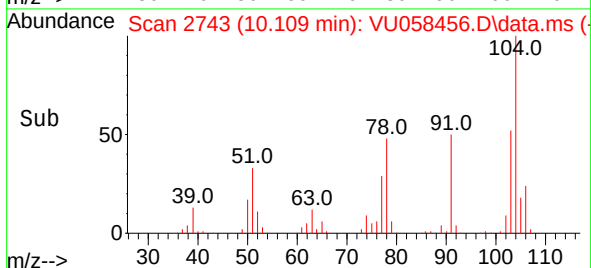
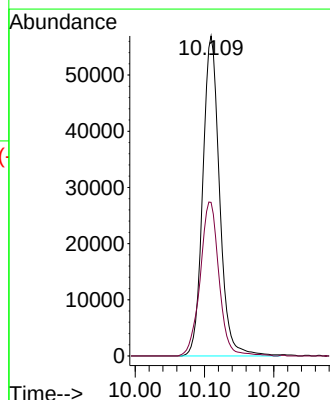
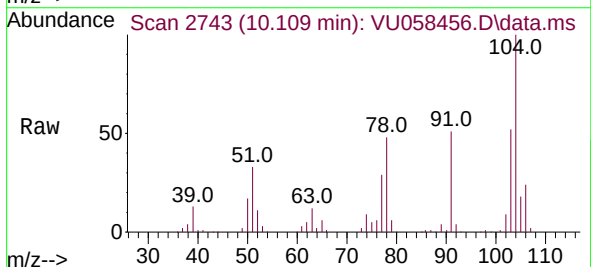
Acq: 08 Apr 2024 09:31

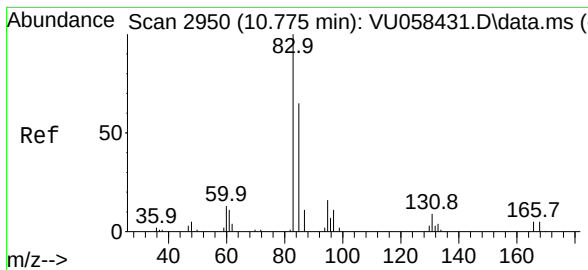
Tgt Ion:104 Resp: 95834

Ion Ratio Lower Upper

104 100

78 48.0 33.9 63.0

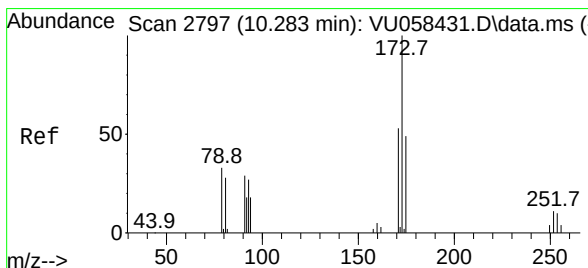
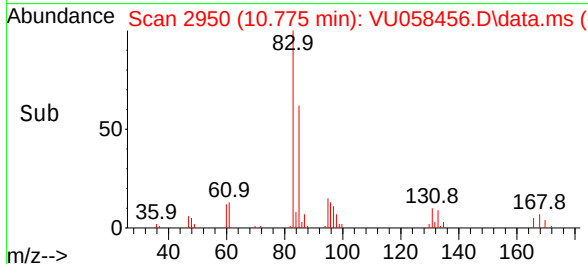
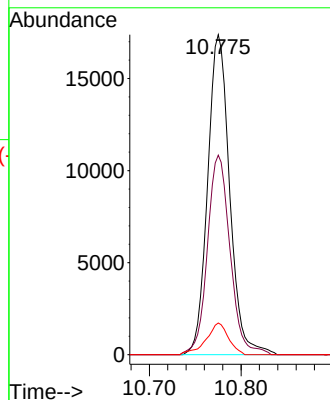
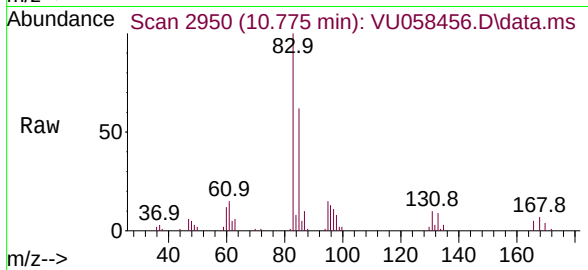




#57
1,1,2,2-Tetrachloroethane
Concen: 5.262 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

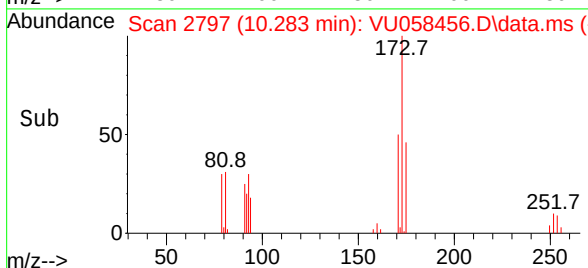
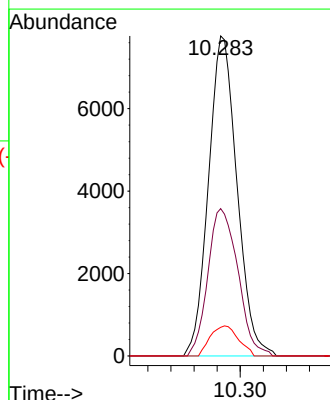
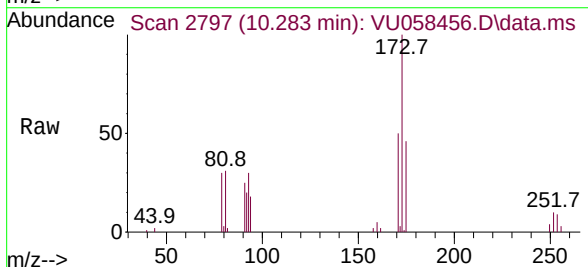
Instrument :
MSVOA_U
ClientSampleId :

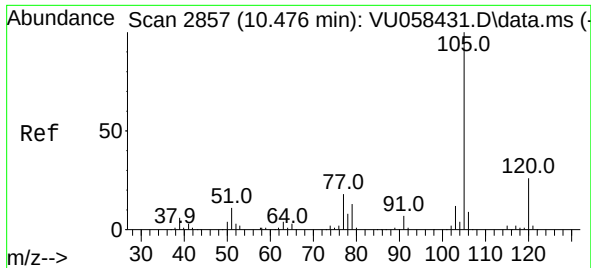
Tgt Ion:	83	Resp:	29004
Ion	Ratio	Lower	Upper
83	100		
85	62.3	45.1	83.7
131	9.9	6.9	10.3



#59
Bromoform
Concen: 5.104 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion:	173	Resp:	13286
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.0	57.0
254	9.3	7.5	11.3

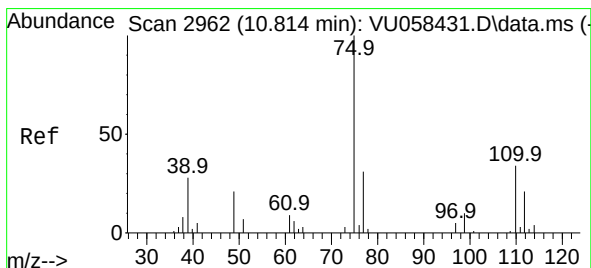
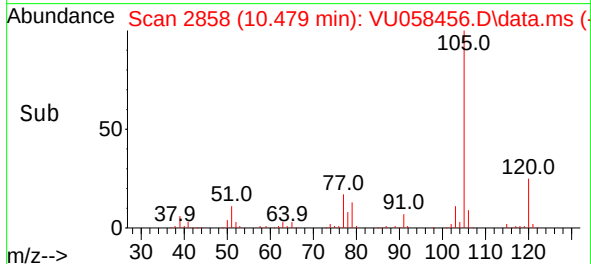
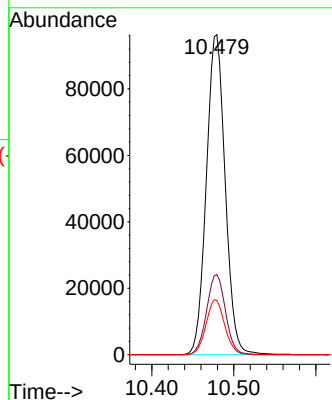
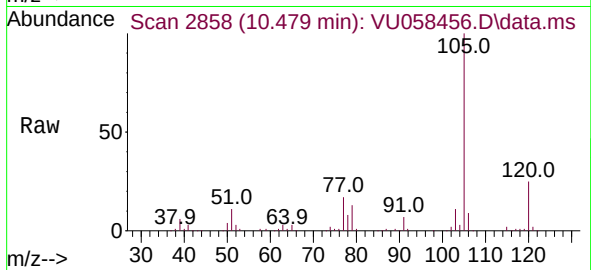




#60
Isopropylbenzene
Concen: 5.391 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

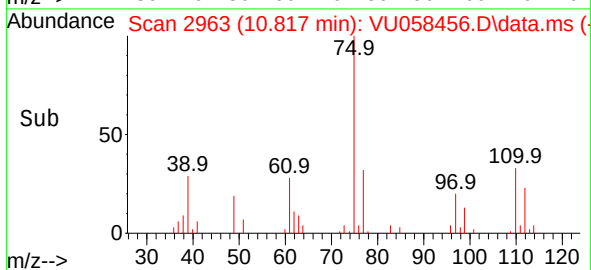
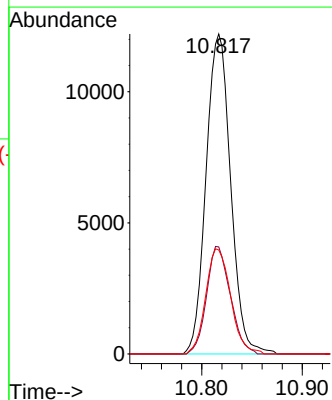
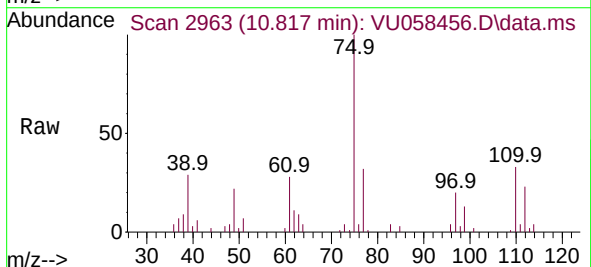
Instrument :
MSVOA_U
ClientSampleId :

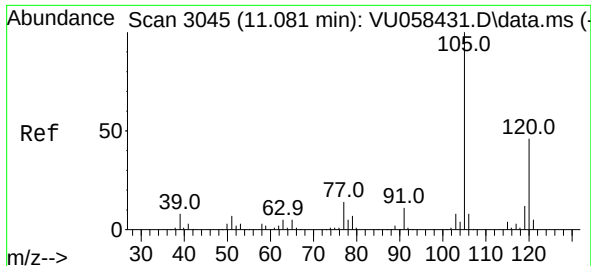
Tgt Ion:105 Resp: 153782
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.217 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 75 Resp: 20739
Ion Ratio Lower Upper
75 100
110 32.4 25.8 38.6
77 33.3 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.406 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

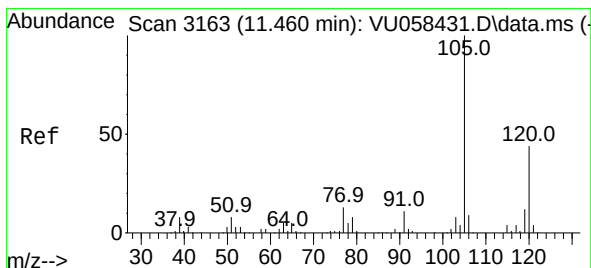
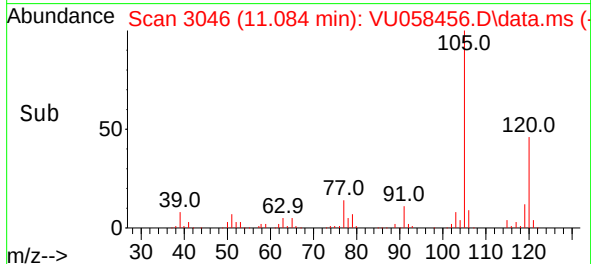
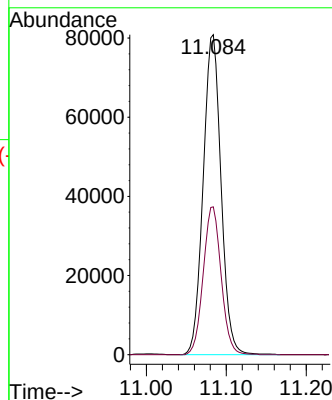
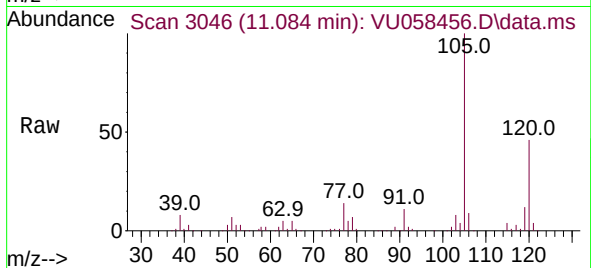
ClientSampleId :

Tgt Ion:105 Resp: 125760

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.343 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058456.D

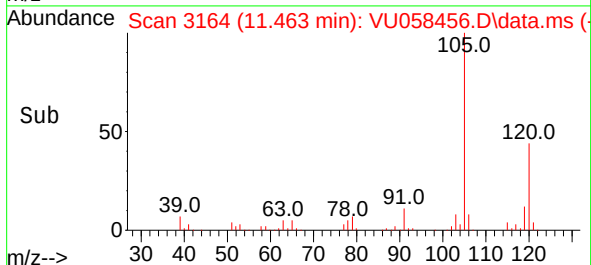
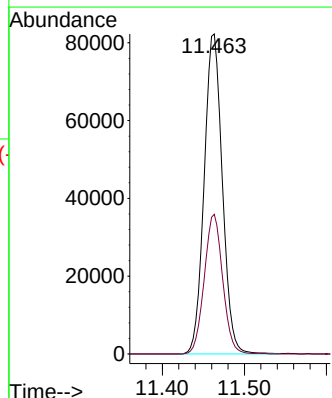
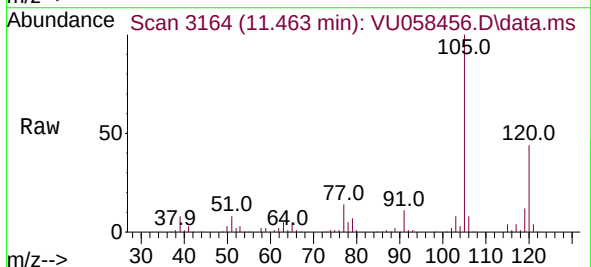
Acq: 08 Apr 2024 09:31

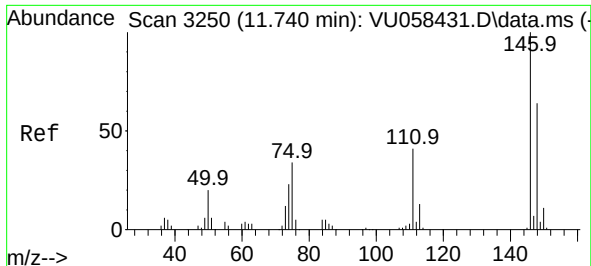
Tgt Ion:105 Resp: 126902

Ion Ratio Lower Upper

105 100

120 44.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.040 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

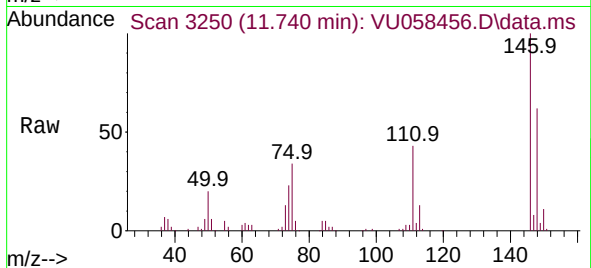
Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :



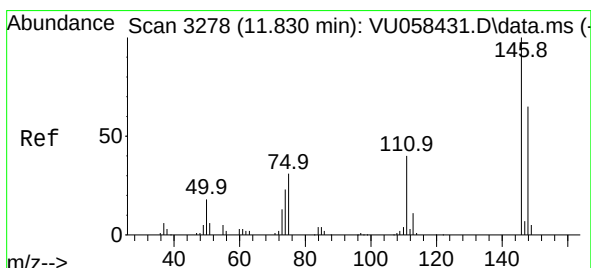
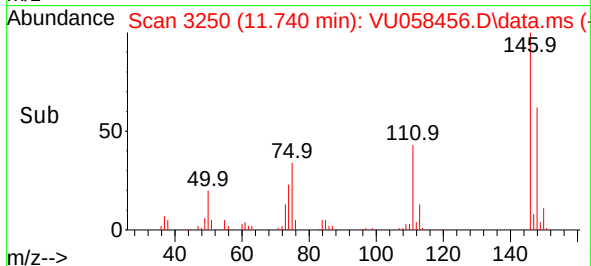
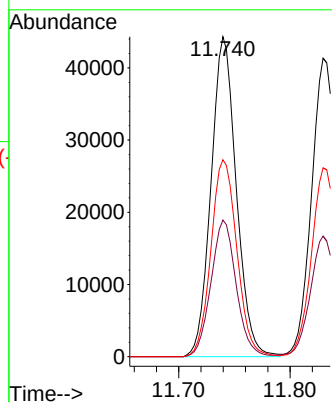
Tgt Ion:146 Resp: 69839

Ion Ratio Lower Upper

146 100

111 42.7 28.8 53.4

148 61.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.983 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

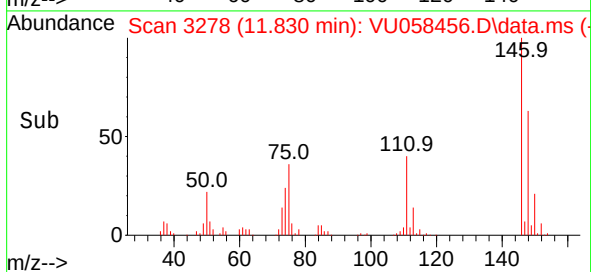
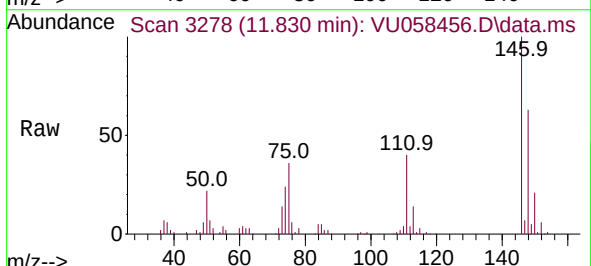
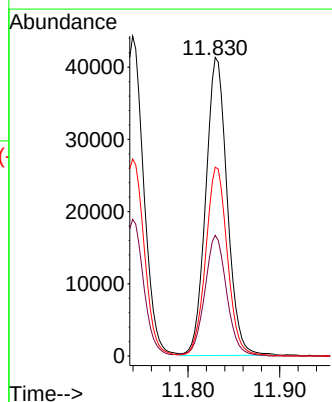
Tgt Ion:146 Resp: 67268

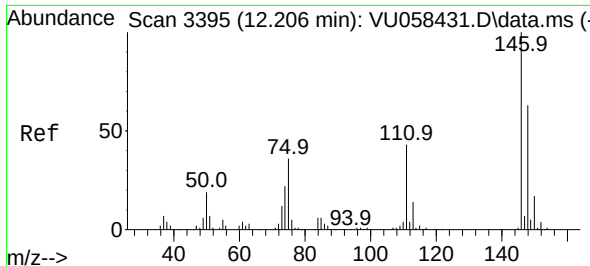
Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.6

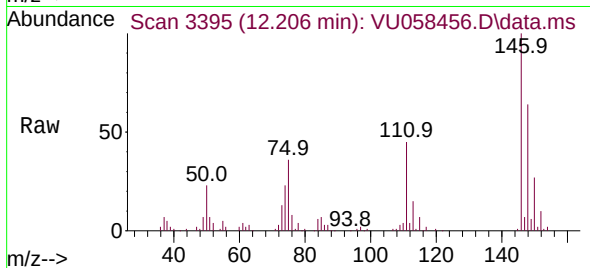
148 63.2 45.3 84.1



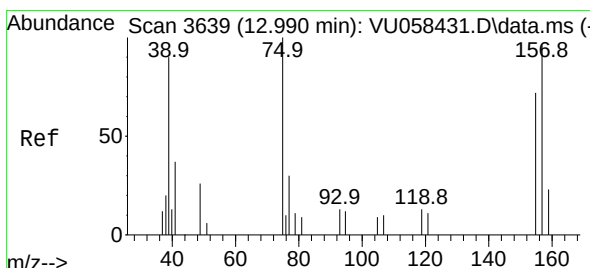
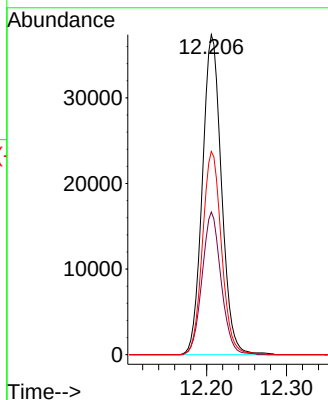
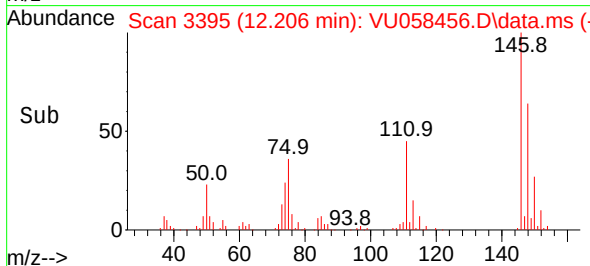


#67
1,2-Dichlorobenzene
Concen: 4.934 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Instrument :
MSVOA_U
ClientSampleId :

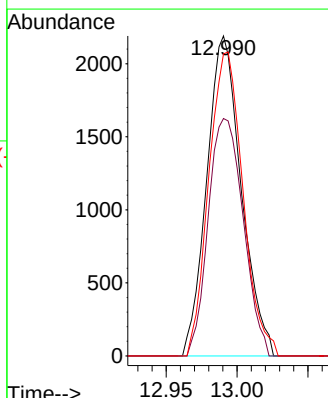
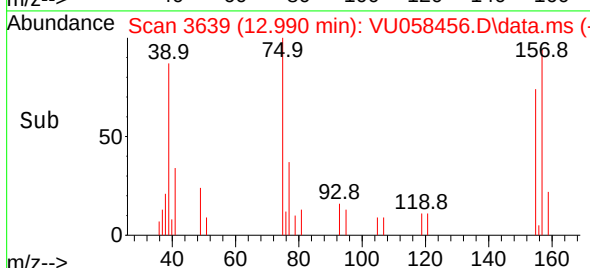
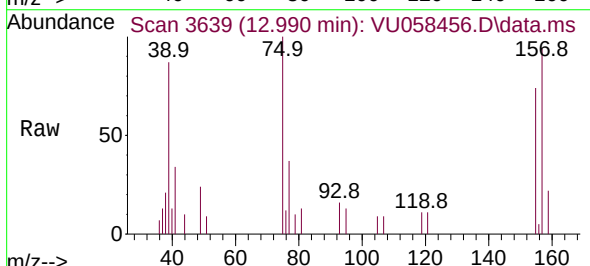


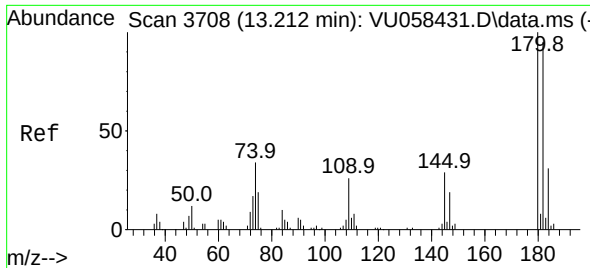
Tgt Ion:146 Resp: 62190
Ion Ratio Lower Upper
146 100
111 44.6 35.0 52.4
148 63.5 52.5 78.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.492 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU058456.D
Acq: 08 Apr 2024 09:31

Tgt Ion: 75 Resp: 3703
Ion Ratio Lower Upper
75 100
155 74.2 61.4 92.0
157 94.4 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.973 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

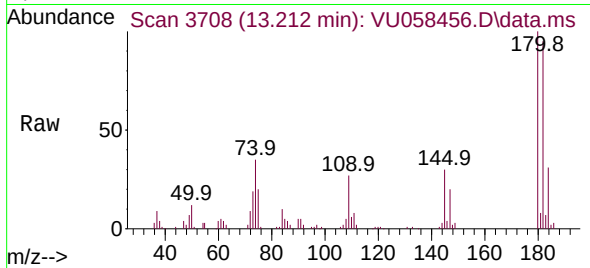
Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50957

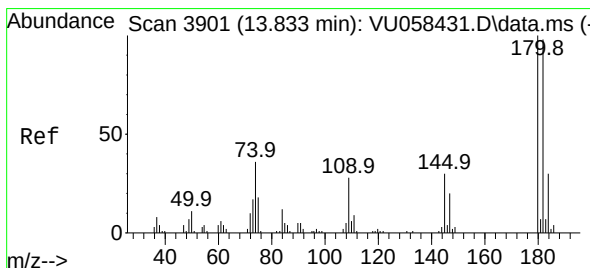
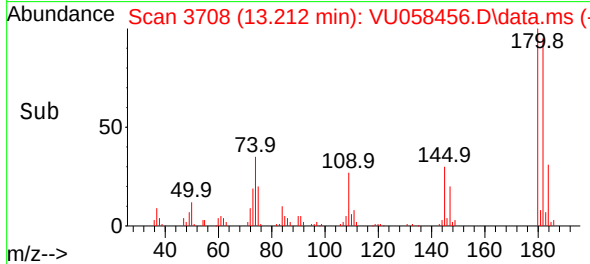
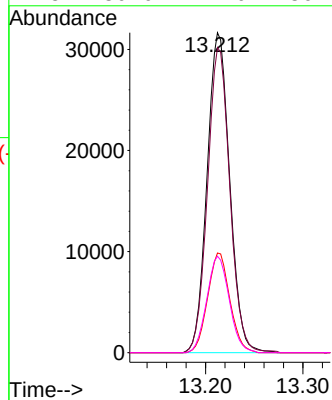
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

184 30.6 24.3 36.5

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.593 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

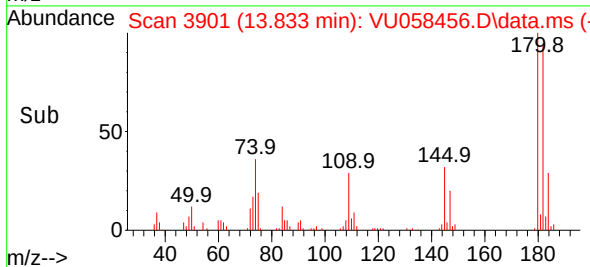
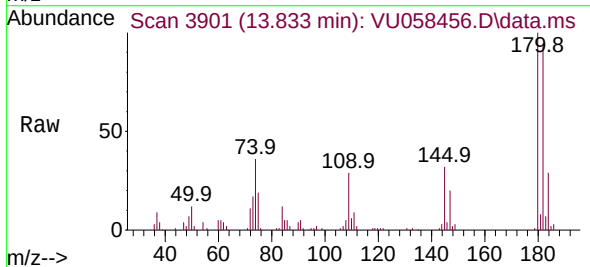
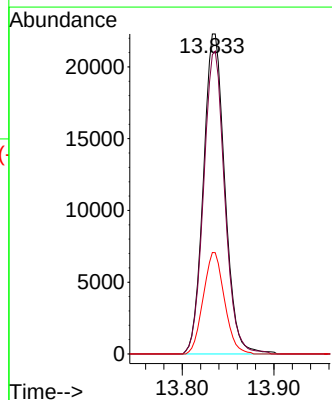
Tgt Ion:180 Resp: 36287

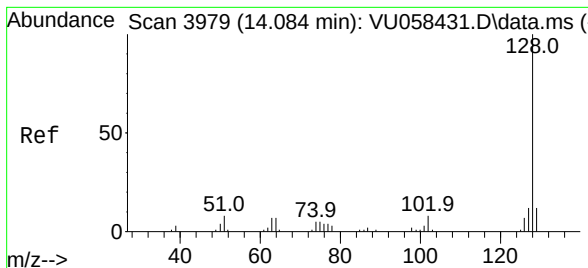
Ion Ratio Lower Upper

180 100

182 93.4 74.4 111.6

145 31.3 24.1 36.1





#71

Naphthalene

Concen: 4.419 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Instrument :

MSVOA_U

ClientSampleId :

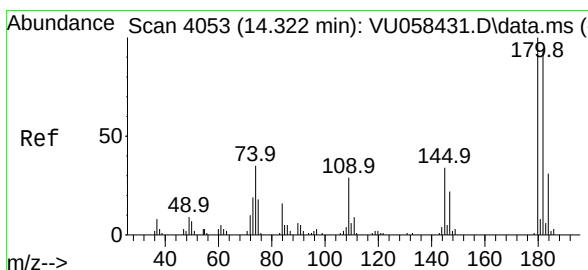
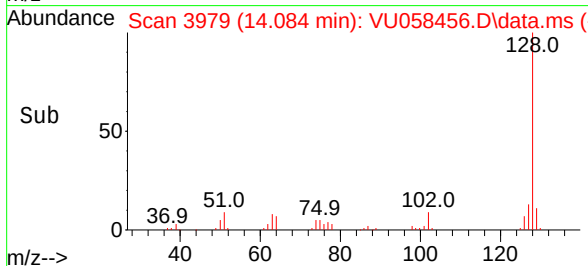
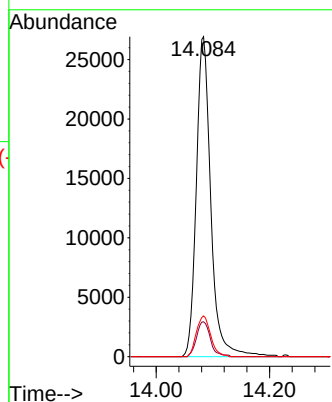
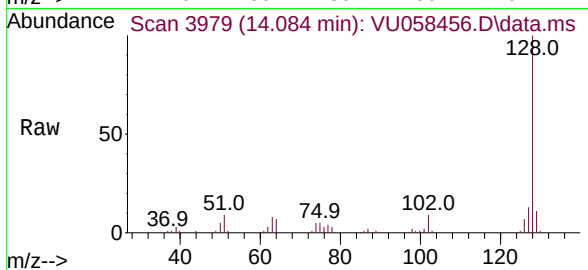
Tgt Ion:128 Resp: 47841

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 12.5 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.535 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU058456.D

Acq: 08 Apr 2024 09:31

Tgt Ion:180 Resp: 29590

Ion Ratio Lower Upper

180 100

182 97.1 75.9 113.9

145 33.3 25.2 37.8

