

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058302.D
 Acq On : 01 Apr 2024 09:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:21:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32362	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.907	69	29140	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.563	65	13366	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.624	46	60954	51.552	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.100%
24) Chloroform-d	5.055	84	58611	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	27938	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.721	84	118888	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	35862	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	105313	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.174	79	10938	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	45148	47.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23238	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31927	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	13396	4.129	ug/L	99
3) Chloromethane	1.515	50	16107	3.895	ug/L	93
5) Vinyl chloride	1.599	62	18690	4.139	ug/L	100
6) Bromomethane	1.853	94	9447	3.901	ug/L	91
8) Chloroethane	1.930	64	14059	4.722	ug/L	100
9) Trichlorofluoromethane	2.132	101	31389	4.278	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21181	4.498	ug/L	98
12) 1,1-Dichloroethene	2.576	96	16470	4.171	ug/L	96
13) Acetone	2.634	43	36225	47.339	ug/L	98
14) Carbon disulfide	2.788	76	30269	3.431	ug/L	99
15) Methyl Acetate	2.952	43	7481	4.710	ug/L	99
16) Methylene chloride	3.036	84	21137	3.778	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	46334	4.373	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	16922	4.101	ug/L	99
19) 1,1-Dichloroethane	3.859	63	41304	4.455	ug/L	98
21) 2-Butanone	4.701	43	51747	44.511	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	21638	4.244	ug/L	94
23) Bromochloromethane	4.965	128	8751	4.599	ug/L	95
25) Chloroform	5.078	83	43325	4.456	ug/L	93

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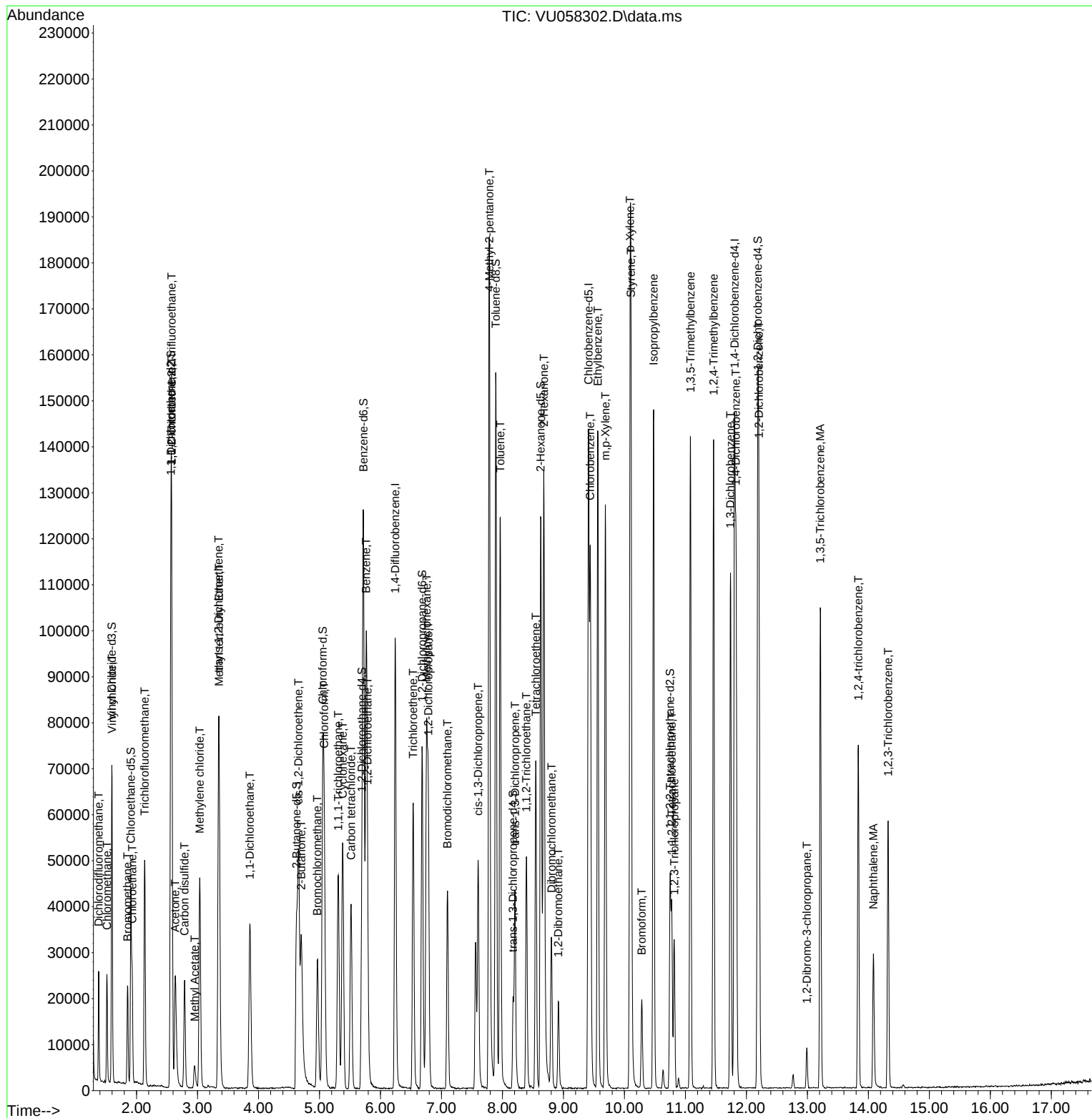
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25164	4.559	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	33069	4.175	ug/L	96
30) Cyclohexane	5.380	56	26154	3.780	ug/L	96
31) Carbon tetrachloride	5.518	117	27586	4.091	ug/L	99
33) Benzene	5.766	78	87698	4.358	ug/L	100
34) Trichloroethene	6.537	95	21743	4.148	ug/L	99
35) Methylcyclohexane	6.756	83	27917	3.818	ug/L	99
37) 1,2-Dichloropropane	6.785	63	24616	4.379	ug/L	100
38) Bromodichloromethane	7.097	83	28752	4.462	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30971	4.344	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	126201	44.401	ug/L	98
42) Toluene	7.965	91	90773	4.269	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	24593	4.384	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15605	4.407	ug/L	99
47) Tetrachloroethene	8.547	164	15211	4.332	ug/L	93
48) 2-Hexanone	8.679	43	92310	44.596	ug/L	91
49) Dibromochloromethane	8.804	129	16981	4.383	ug/L	97
50) 1,2-Dibromoethane	8.917	107	12829	4.209	ug/L	97
51) Chlorobenzene	9.441	112	58825	4.294	ug/L	99
52) Ethylbenzene	9.563	91	99784	4.203	ug/L	99
53) m,p-Xylene	9.688	106	35988	4.255	ug/L	95
54) o-Xylene	10.093	106	35516	4.159	ug/L	94
55) Styrene	10.110	104	58725	4.356	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18836	4.513	ug/L	99
59) Bromoform	10.283	173	8271	4.545	ug/L	97
60) Isopropylbenzene	10.479	105	93336	4.484	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13950	4.808	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	77200	4.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	76388	4.403	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	44451	4.585	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42777	4.566	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	40641	4.533	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	2391	5.465	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	30762	4.538	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	21384	4.230	ug/L	96
71) Naphthalene	14.084	128	25511	3.705	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	17871	4.317	ug/L	98

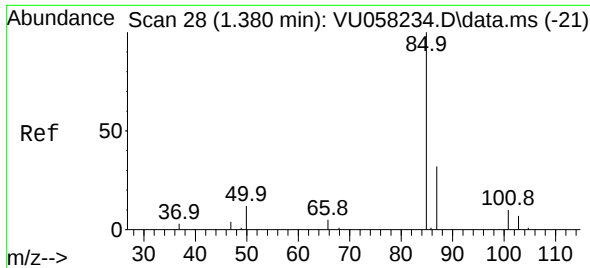
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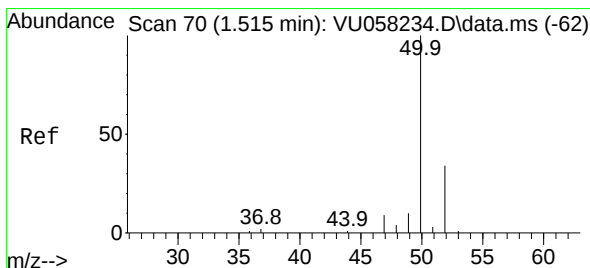
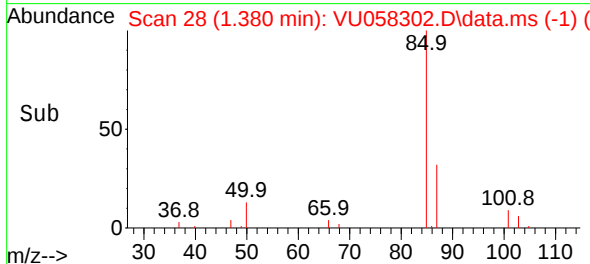
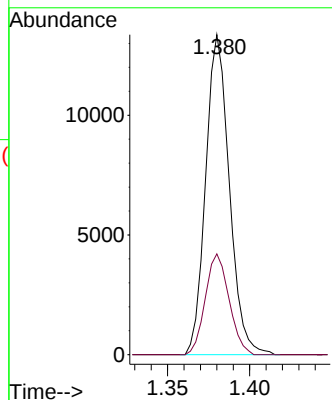
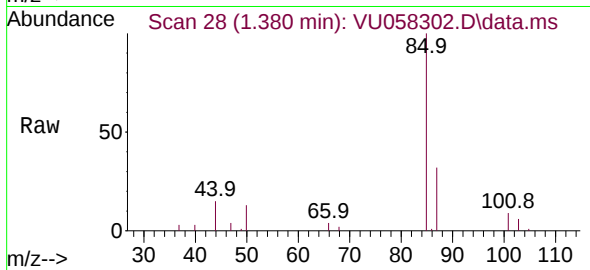




#2
 Dichlorodifluoromethane
 Concen: 4.129 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

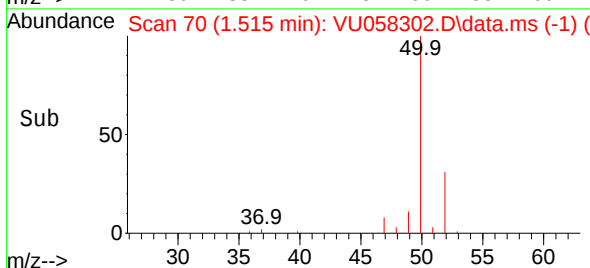
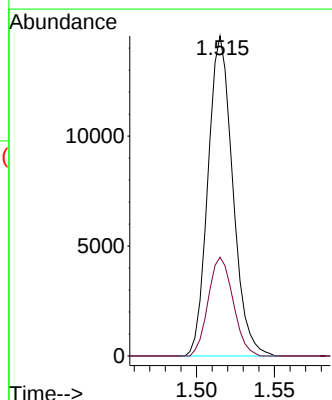
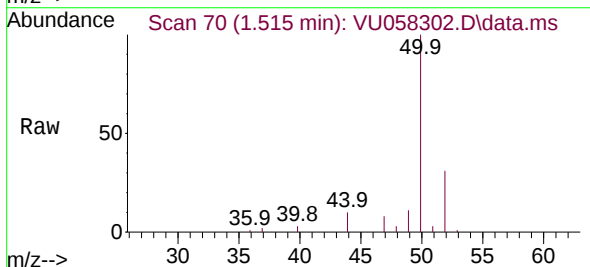
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 ClientSampleId :

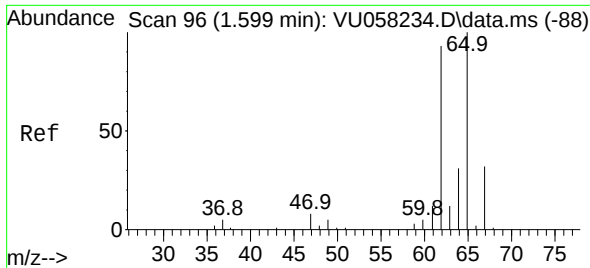
Tgt Ion: 85 Resp: 13396
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.8



#3
 Chloromethane
 Concen: 3.895 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

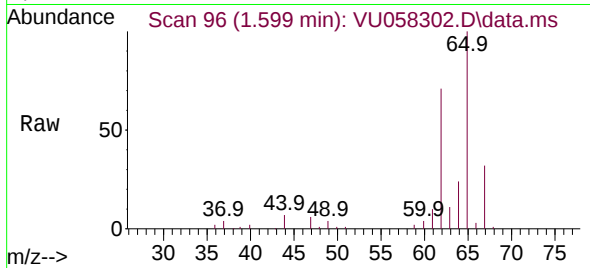
Tgt Ion: 50 Resp: 16107
 Ion Ratio Lower Upper
 50 100
 52 30.8 24.2 45.0



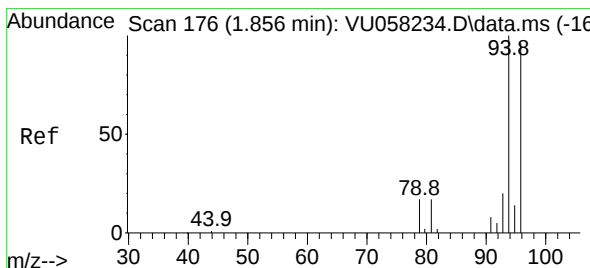
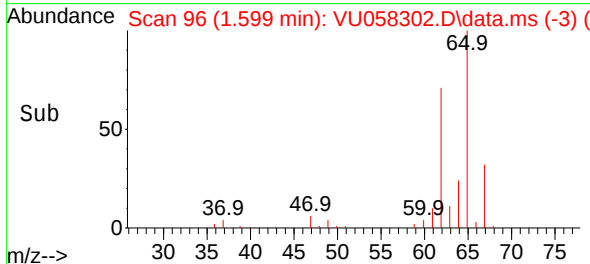
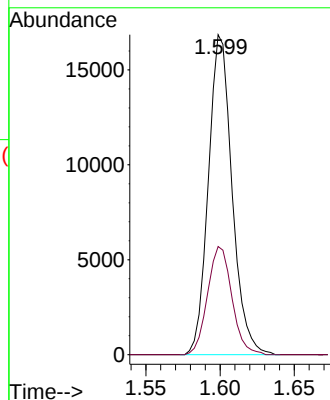


#5
 Vinyl chloride
 Concen: 4.139 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

Instrument :
 MSVOA_U
 ClientSampleId :

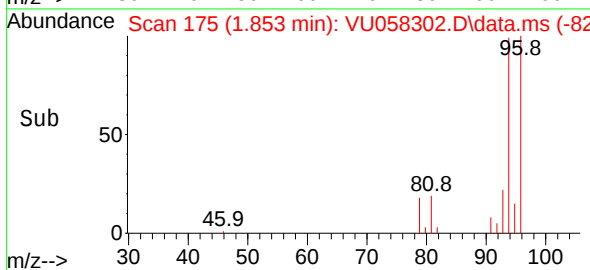
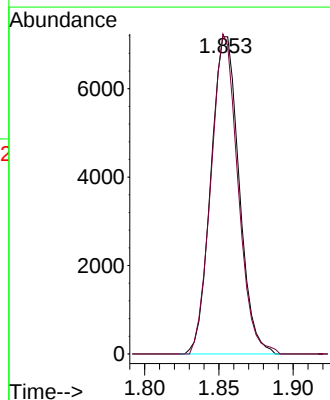
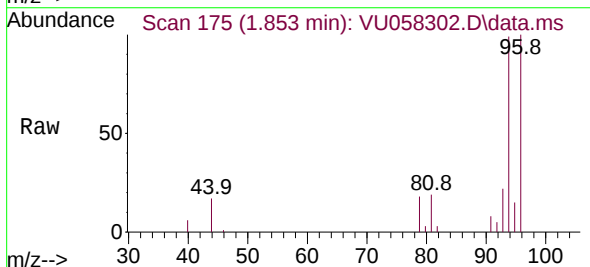


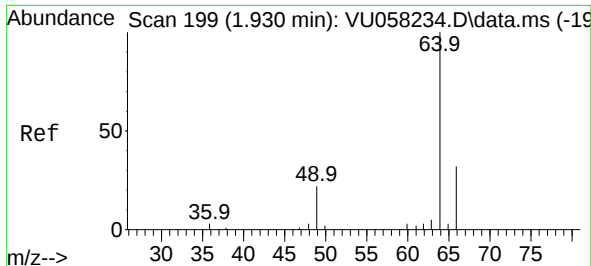
Tgt Ion: 62 Resp: 18690
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.6



#6
 Bromomethane
 Concen: 3.901 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

Tgt Ion: 94 Resp: 9447
 Ion Ratio Lower Upper
 94 100
 96 100.8 64.8 120.4

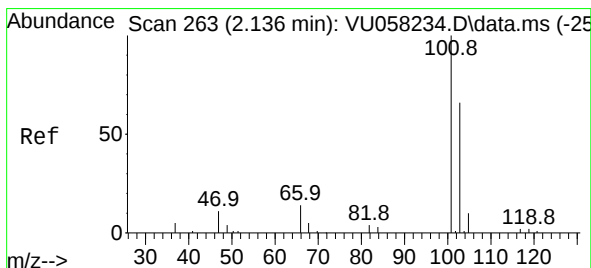
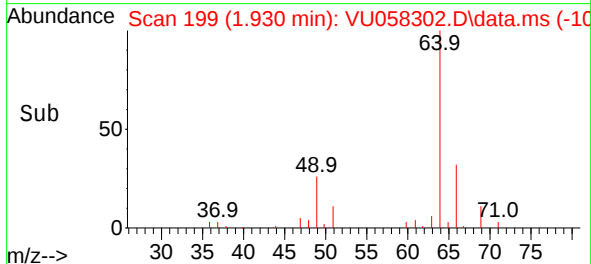
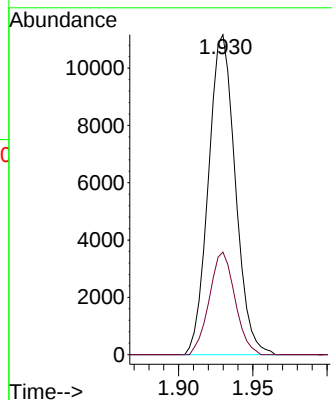
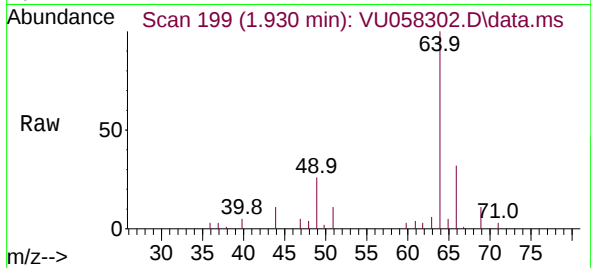




#8
Chloroethane
Concen: 4.722 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

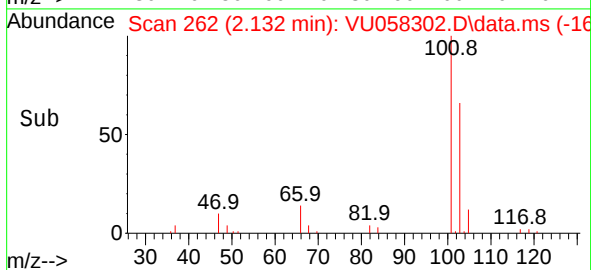
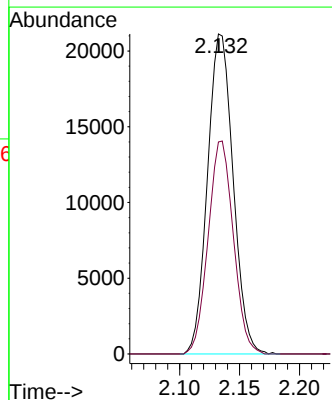
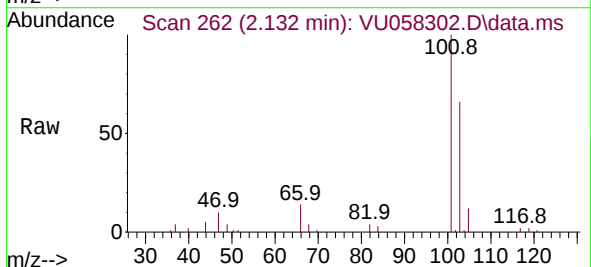
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MSVOA_U
ClientSampleId :

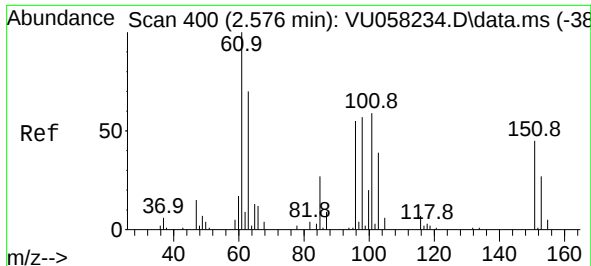
Tgt Ion: 64 Resp: 14059
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.278 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion:101 Resp: 31389
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

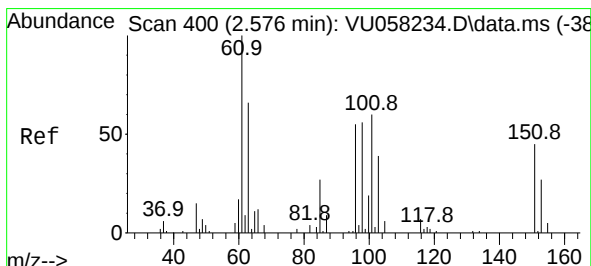
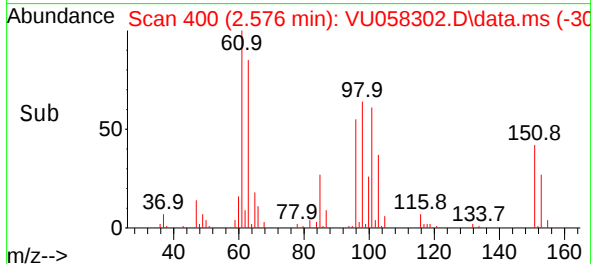
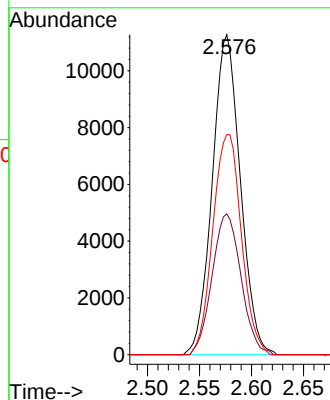
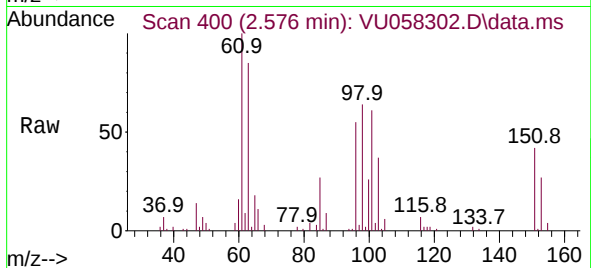




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.498 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

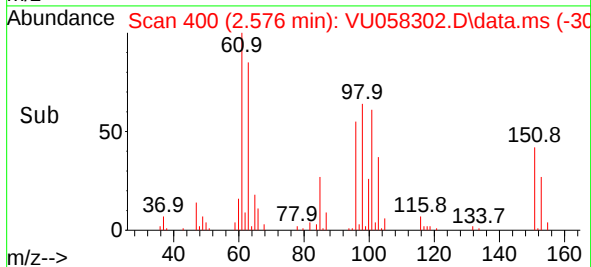
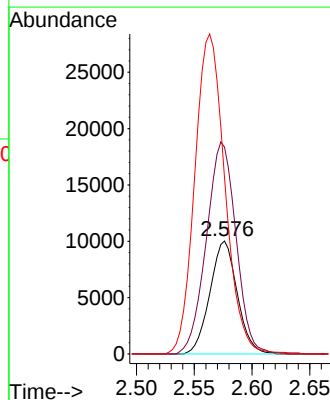
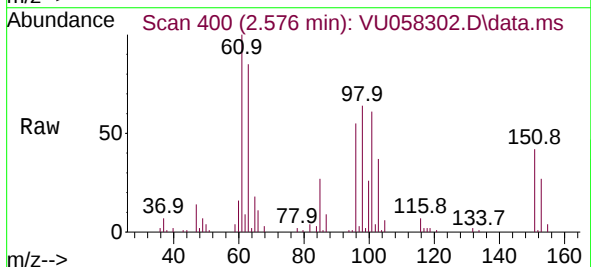
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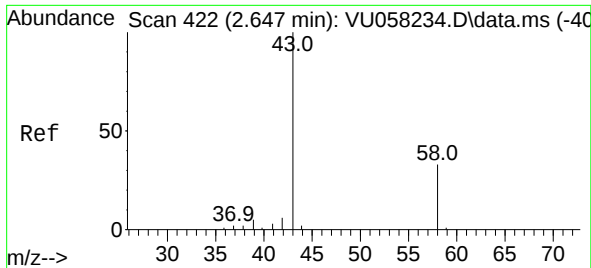
Tgt Ion:101 Resp: 21181
Ion Ratio Lower Upper
101 100
85 45.3 37.9 56.9
151 69.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.171 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 96 Resp: 16470
Ion Ratio Lower Upper
96 100
61 183.1 128.1 237.9
63 155.9 116.8 217.0





#13

Acetone

Concen: 47.339 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.010 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

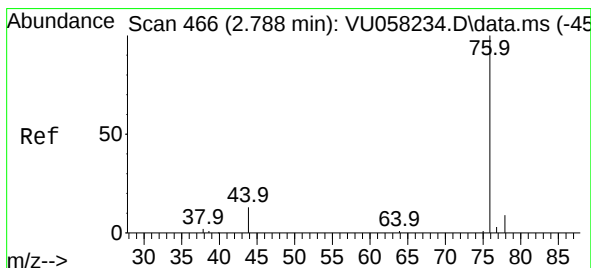
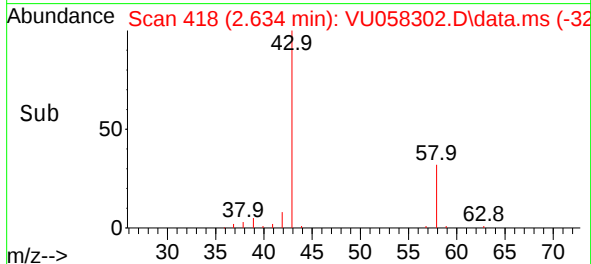
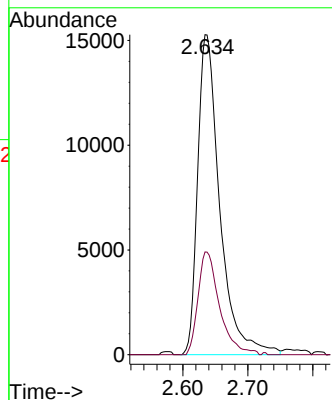
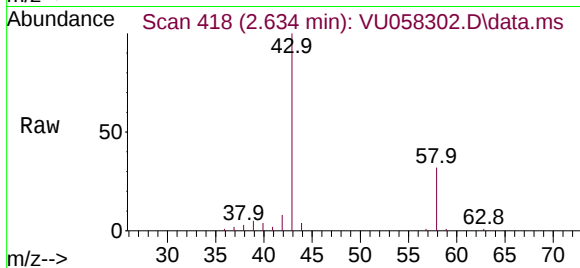
ClientSampleId :

Tgt Ion: 43 Resp: 36225

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.6



#14

Carbon disulfide

Concen: 3.431 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU058302.D

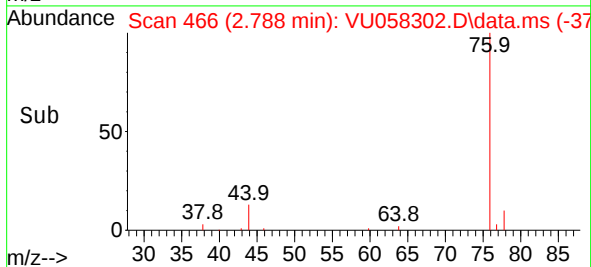
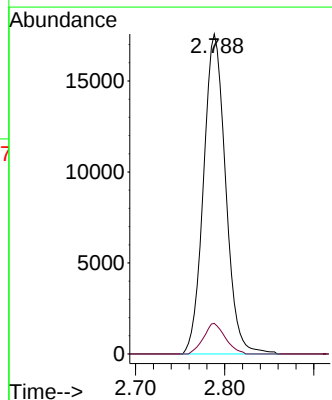
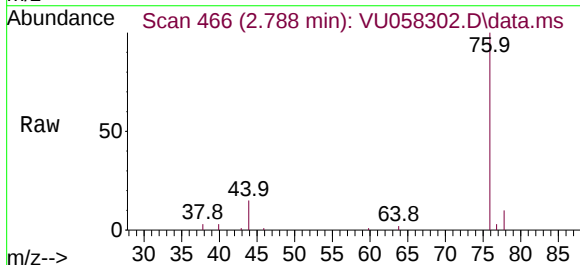
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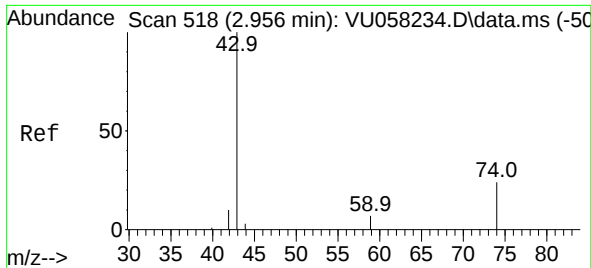
Tgt Ion: 76 Resp: 30269

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

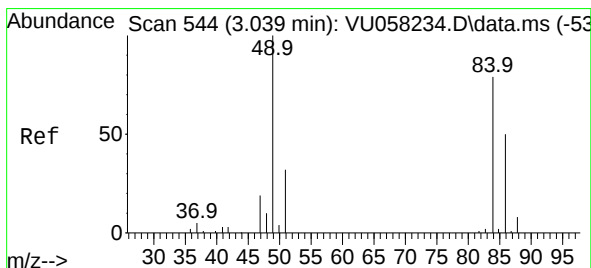
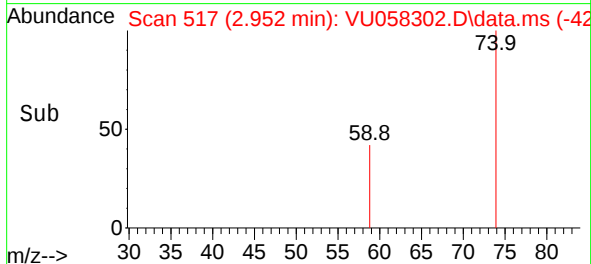
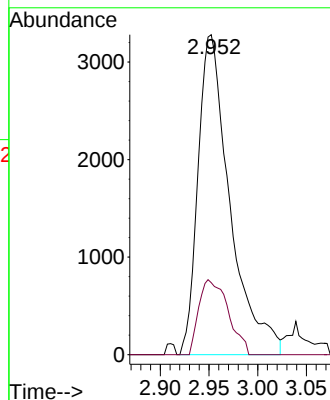
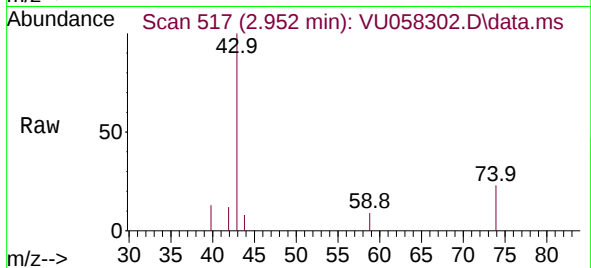




#15
Methyl Acetate
Concen: 4.710 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

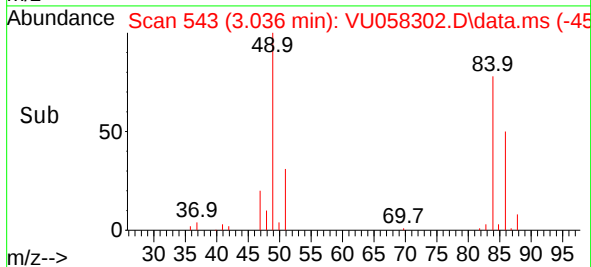
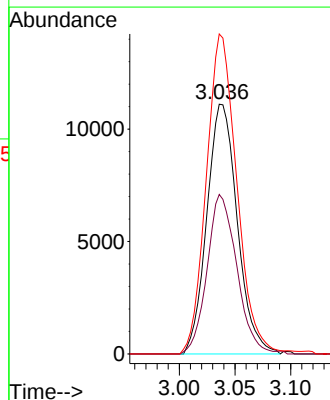
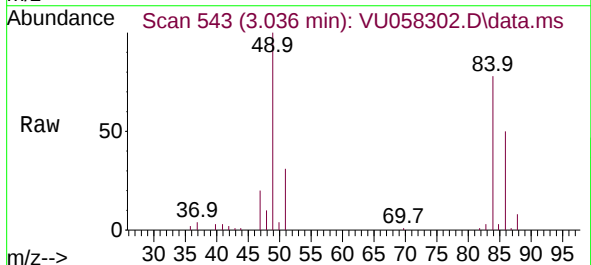
Instrument :
MSVOA_U
ClientSampleId :

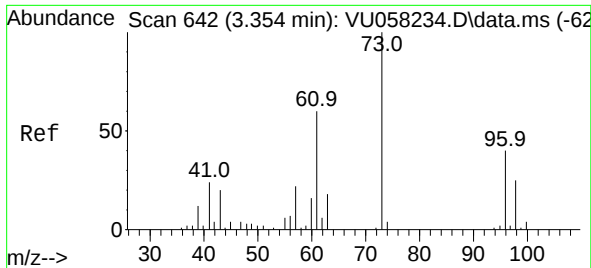
Tgt Ion: 43 Resp: 7481
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2



#16
Methylene chloride
Concen: 3.778 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 84 Resp: 21137
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.6
49 128.1 88.3 163.9

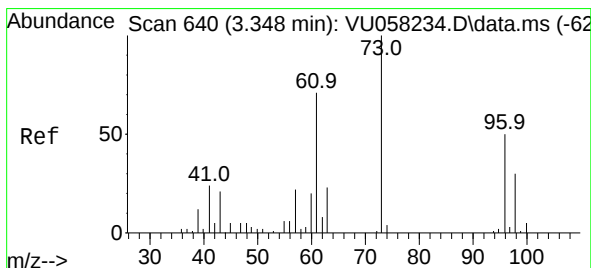
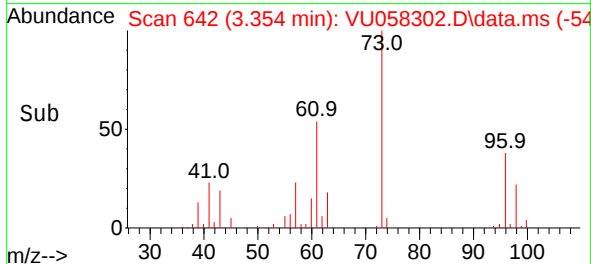
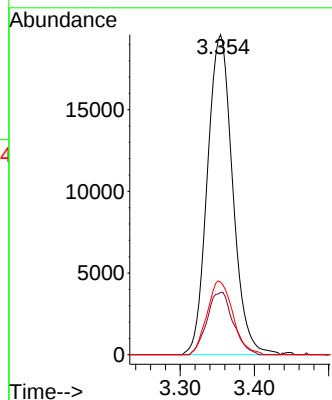
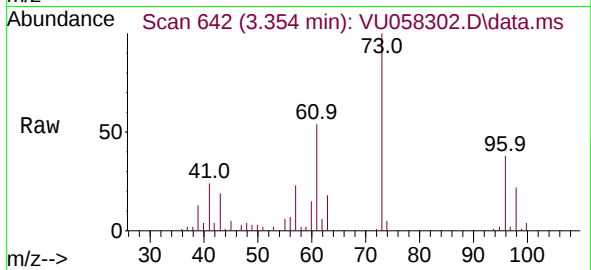




#17
Methyl tert-butyl Ether
Concen: 4.373 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

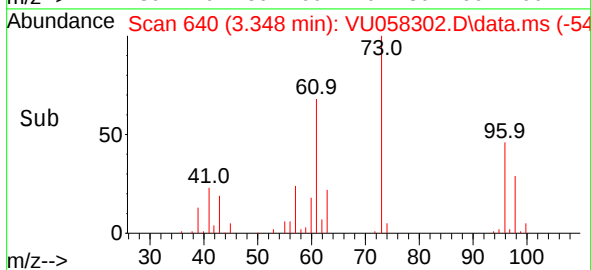
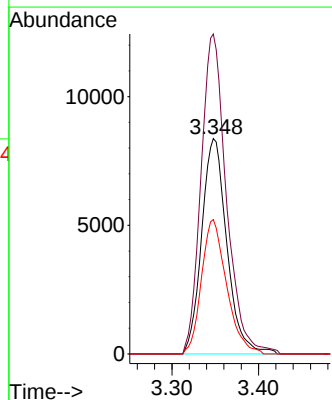
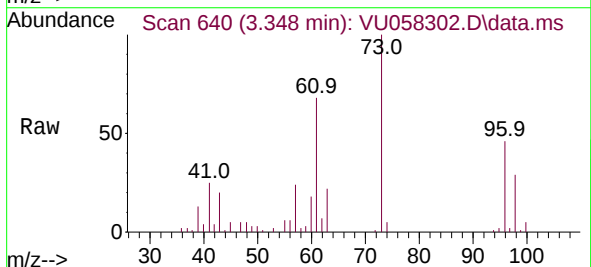
Instrument :
MSVOA_U
ClientSampleId :

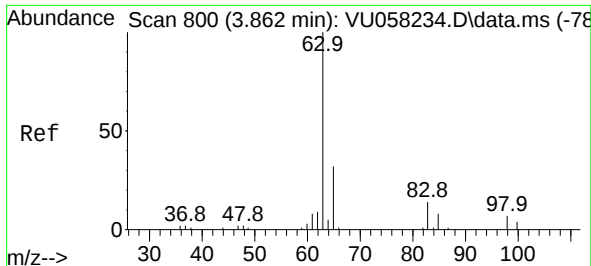
Tgt Ion: 73	Resp: 46334
Ion Ratio	Lower Upper
73 100	
43 20.2	15.5 23.3
57 23.5	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.101 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 96	Resp: 16922
Ion Ratio	Lower Upper
96 100	
61 148.5	102.5 190.3
98 62.4	44.0 81.8

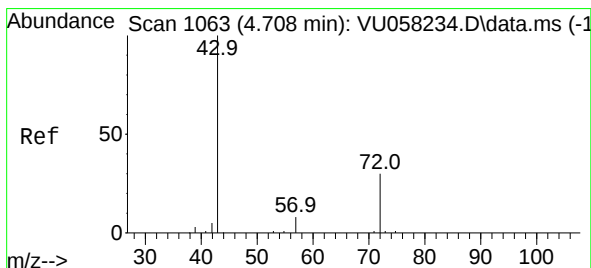
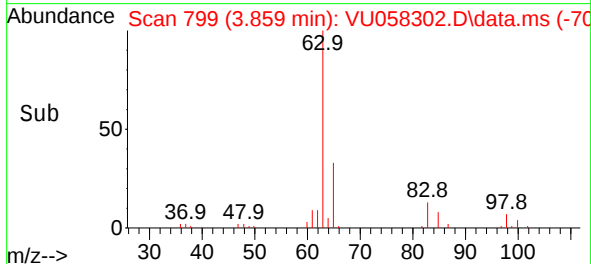
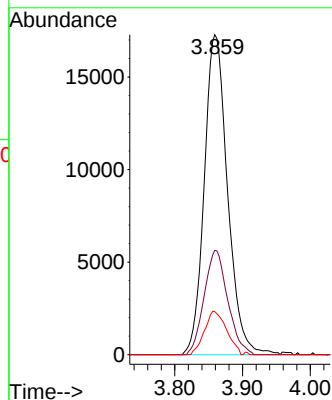
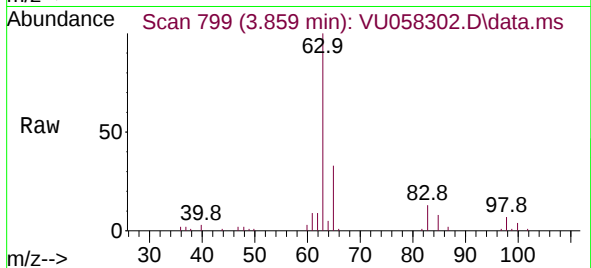




#19
1,1-Dichloroethane
Concen: 4.455 ug/L
RT: 3.859 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

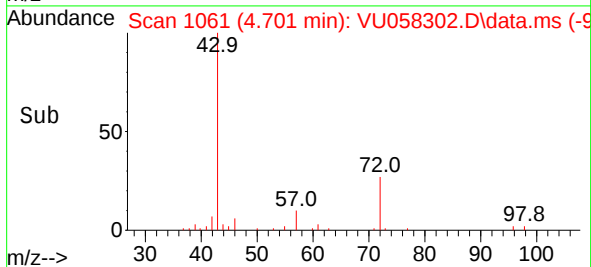
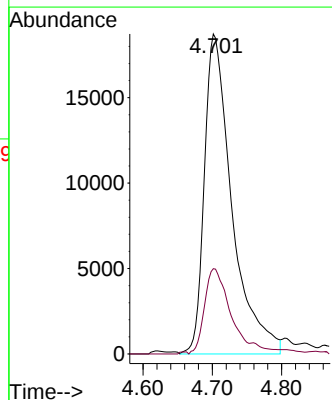
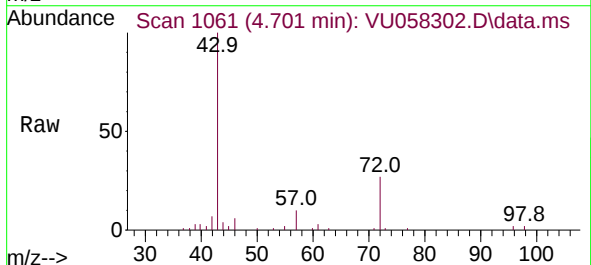
Instrument :
MSVOA_U
ClientSampleId :

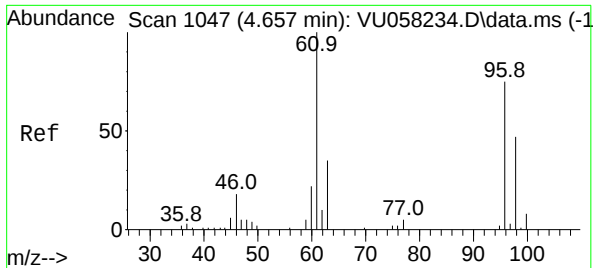
Tgt Ion: 63 Resp: 41304
Ion Ratio Lower Upper
63 100
65 32.6 22.3 41.5
83 13.5 10.0 18.6



#21
2-Butanone
Concen: 44.511 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.007 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 43 Resp: 51747
Ion Ratio Lower Upper
43 100
72 26.0 14.0 41.9

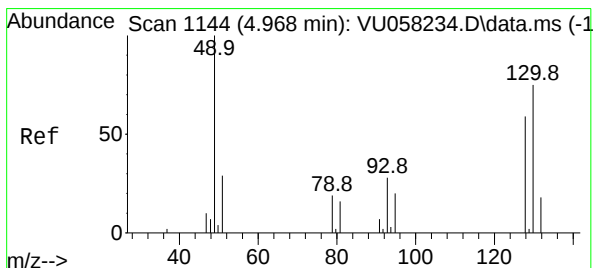
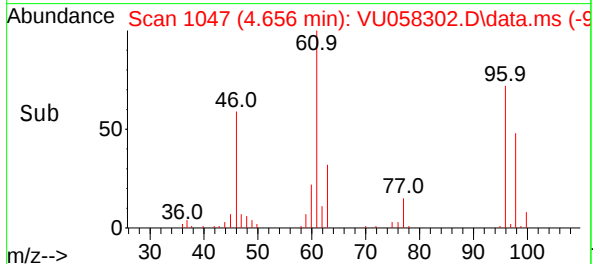
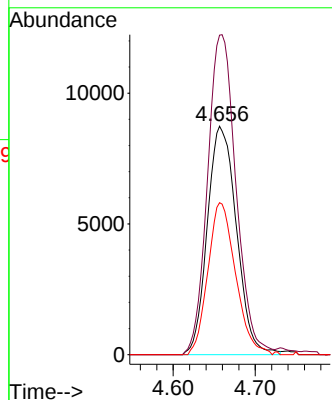
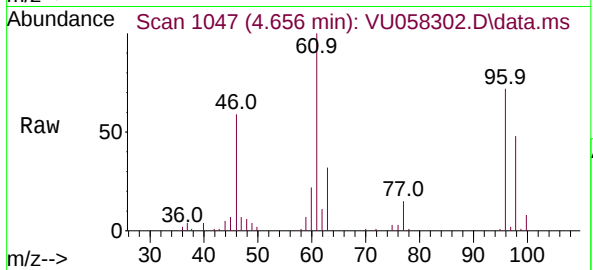




#22
 cis-1,2-Dichloroethene
 Concen: 4.244 ug/L
 RT: 4.656 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

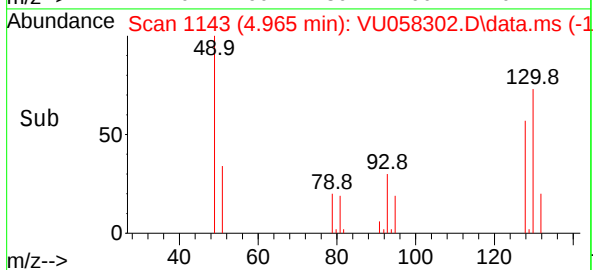
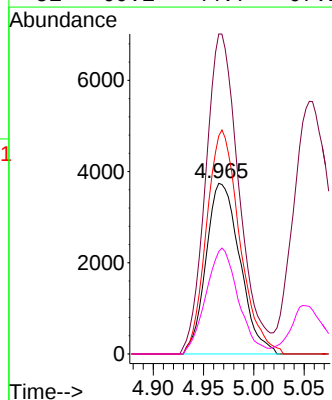
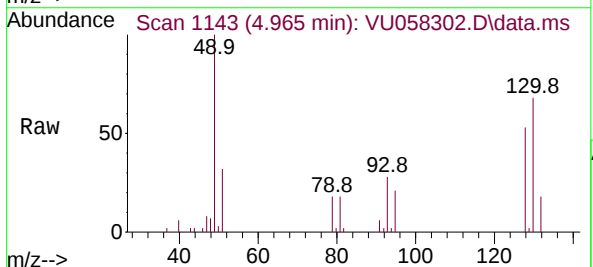
Instrument :
 MSVOA_U
 ClientSampleId :

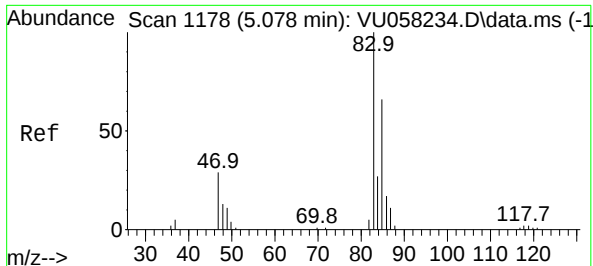
Tgt Ion: 96 Resp: 21638
 Ion Ratio Lower Upper
 96 100
 61 139.8 92.8 172.4
 98 66.5 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.599 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

Tgt Ion: 128 Resp: 8751
 Ion Ratio Lower Upper
 128 100
 49 187.6 125.0 232.2
 130 127.9 92.3 171.5
 51 60.1 44.7 67.1





#25

Chloroform

Concen: 4.456 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

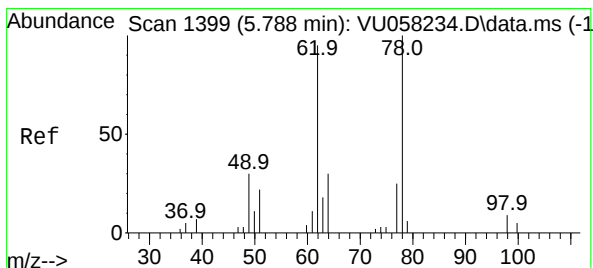
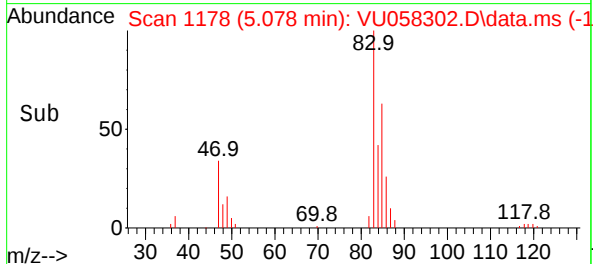
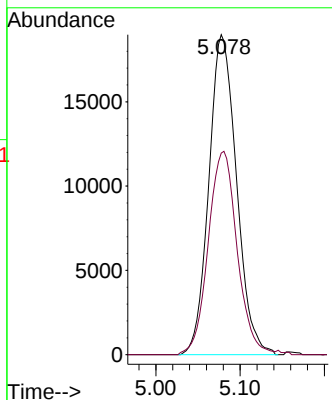
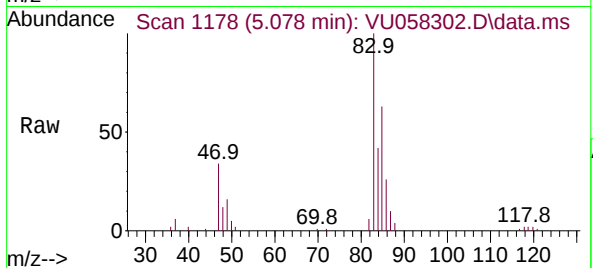
ClientSampleId :

Tgt Ion: 83 Resp: 43325

Ion Ratio Lower Upper

83 100

85 63.0 47.9 88.9



#27

1,2-Dichloroethane

Concen: 4.559 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU058302.D

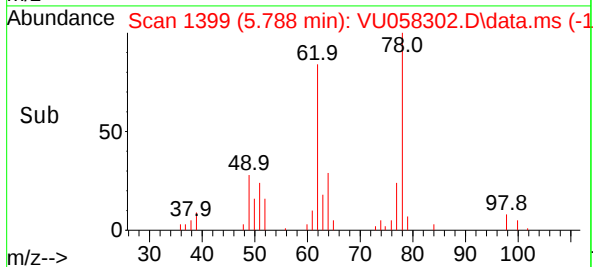
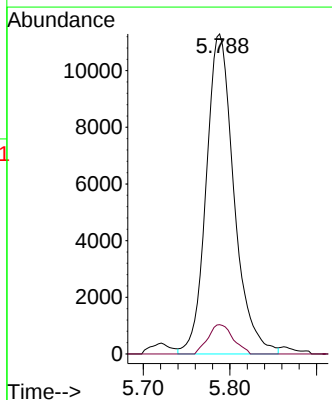
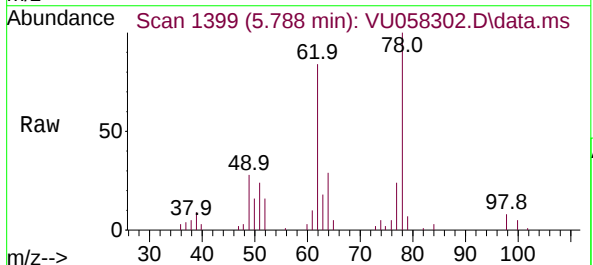
Acq: 01 Apr 2024 09:33

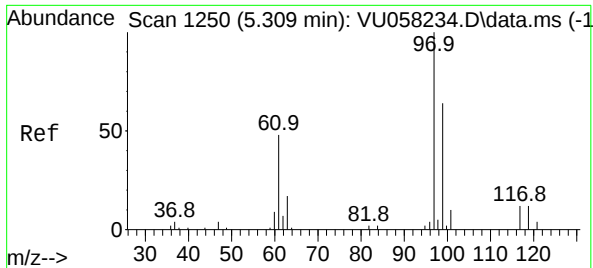
Tgt Ion: 62 Resp: 25164

Ion Ratio Lower Upper

62 100

98 9.2 6.6 10.0

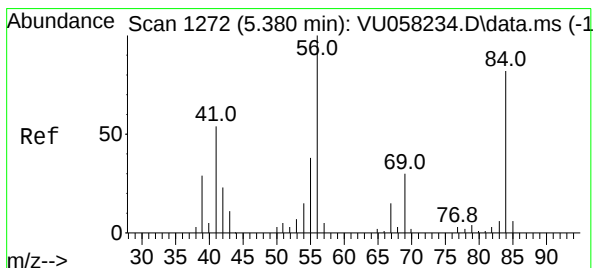
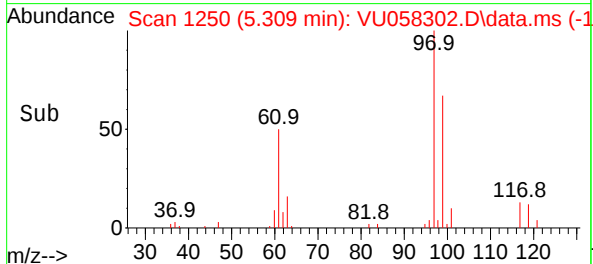
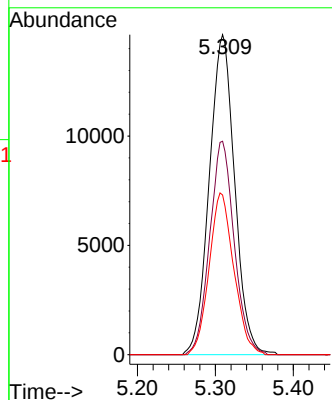
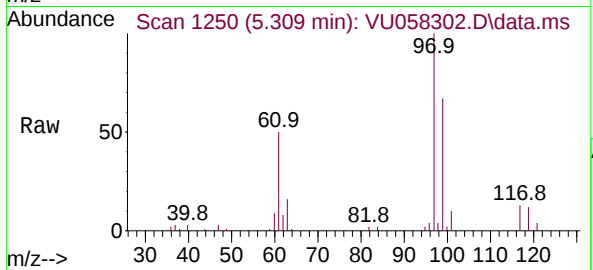




#29
1,1,1-Trichloroethane
Concen: 4.175 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

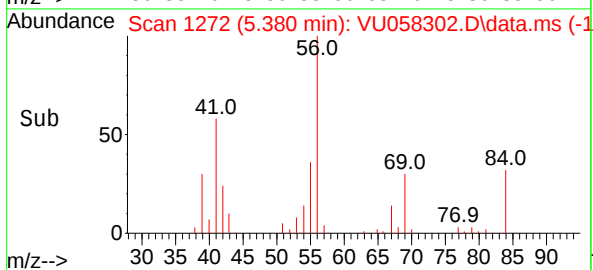
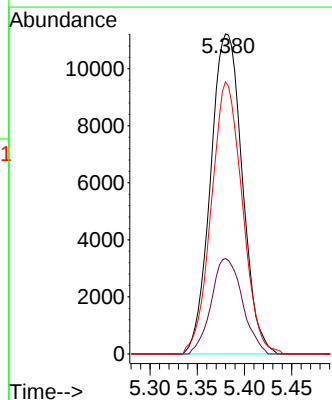
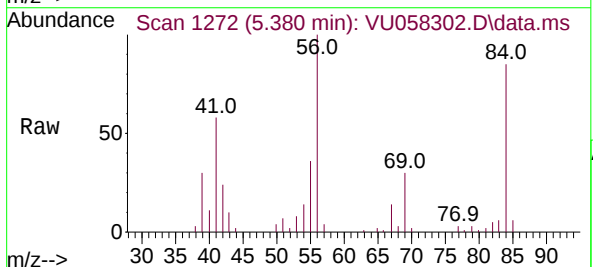
Instrument :
MSVOA_U
ClientSampleId :

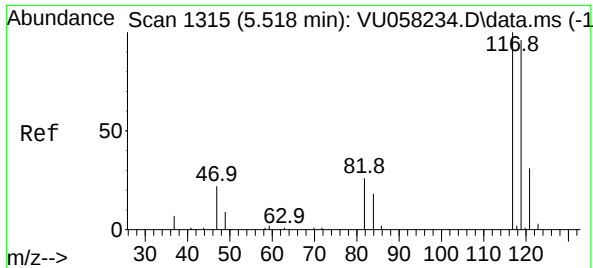
Tgt Ion: 97 Resp: 33069
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 49.2 36.3 54.5



#30
Cyclohexane
Concen: 3.780 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 56 Resp: 26154
Ion Ratio Lower Upper
56 100
69 29.3 24.2 36.2
84 83.1 69.7 104.5

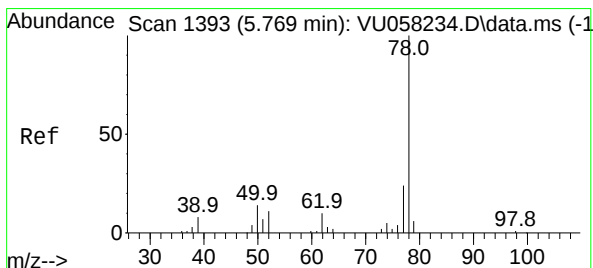
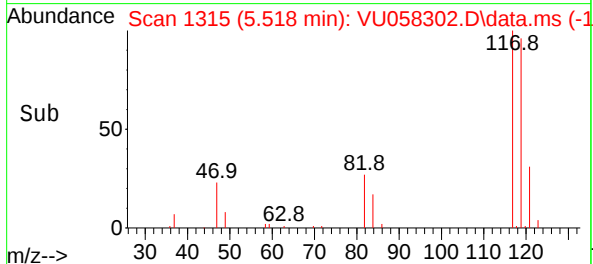
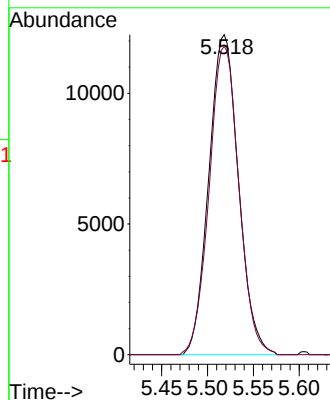
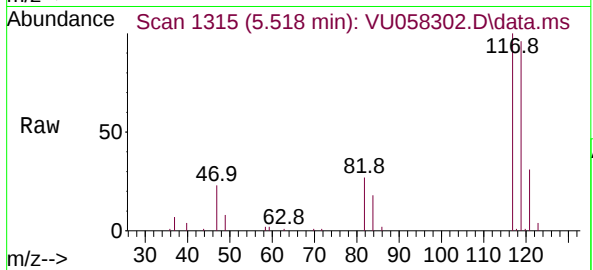




#31
Carbon tetrachloride
Concen: 4.091 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

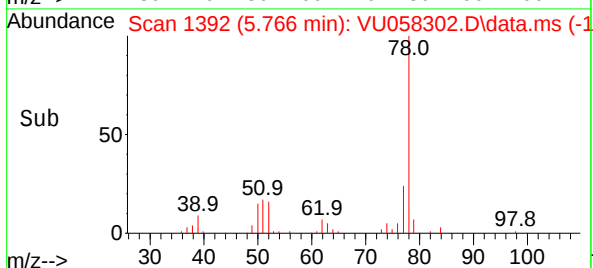
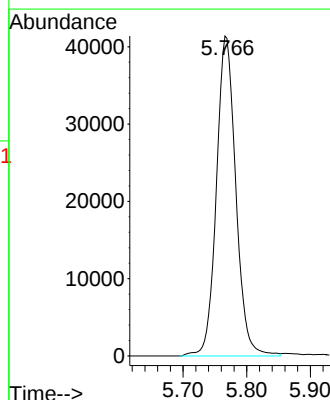
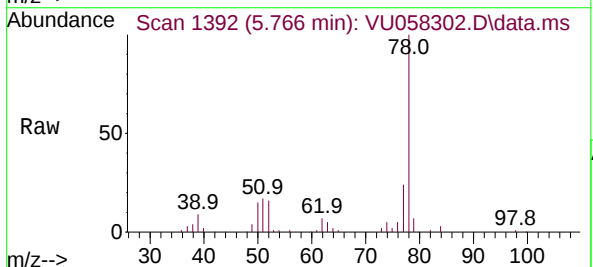
Instrument :
MSVOA_U
ClientSampleId :

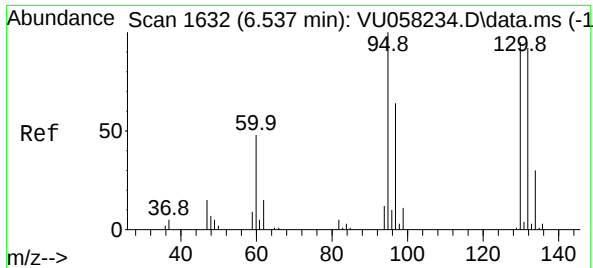
Tgt Ion:117 Resp: 27586
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1



#33
Benzene
Concen: 4.358 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

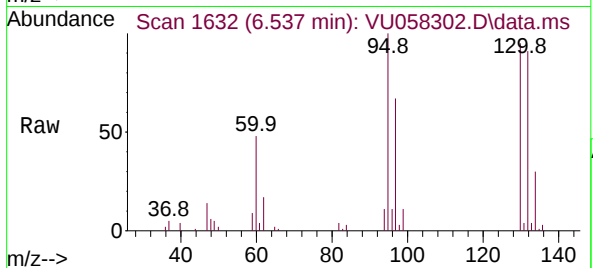
Tgt Ion: 78 Resp: 87698



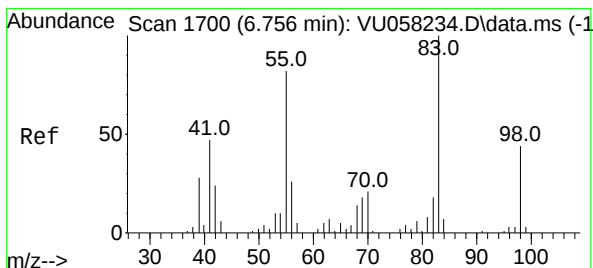
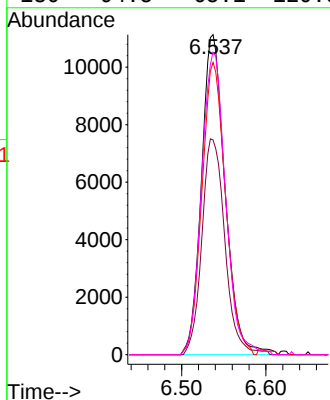
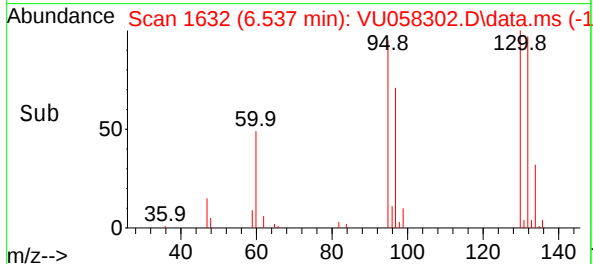


#34
Trichloroethene
Concen: 4.148 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

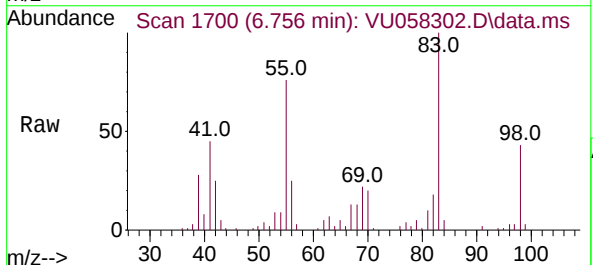
Instrument :
MSVOA_U
ClientSampleId :



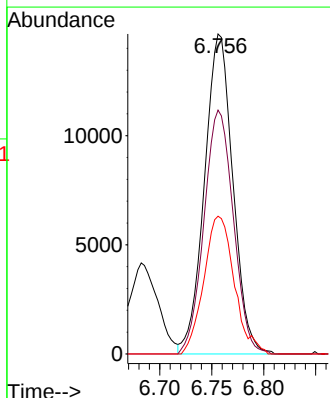
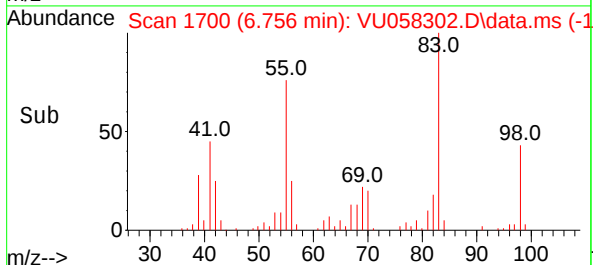
Tgt Ion: 95 Resp: 21743
Ion Ratio Lower Upper
95 100
97 67.1 47.7 88.7
132 91.3 63.6 118.2
130 94.5 65.1 120.9

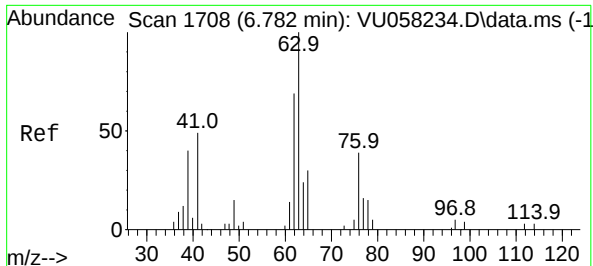


#35
Methylcyclohexane
Concen: 3.818 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33



Tgt Ion: 83 Resp: 27917
Ion Ratio Lower Upper
83 100
55 78.6 62.7 94.1
98 45.9 37.3 55.9

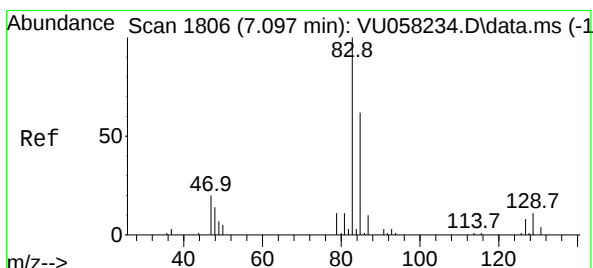
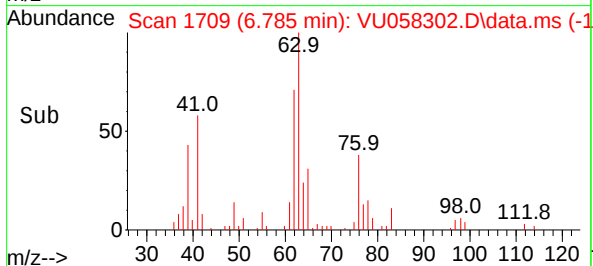
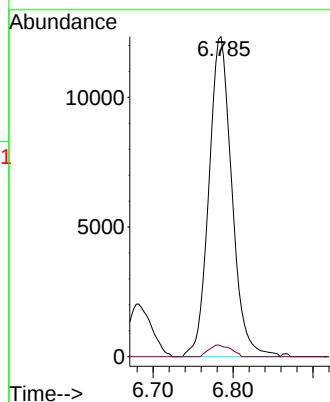
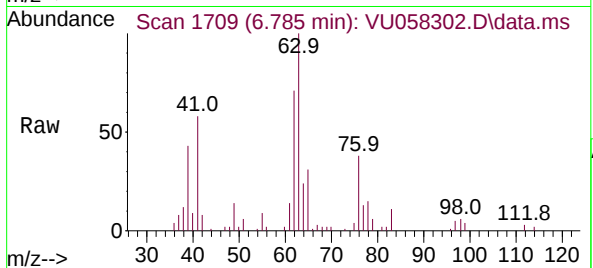




#37
1,2-Dichloropropane
Concen: 4.379 ug/L
RT: 6.785 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

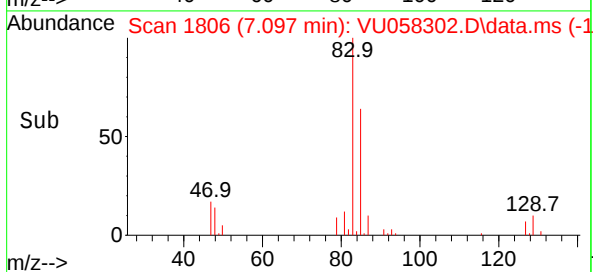
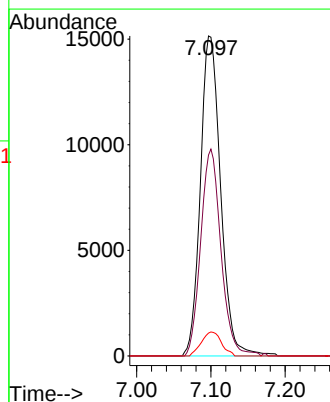
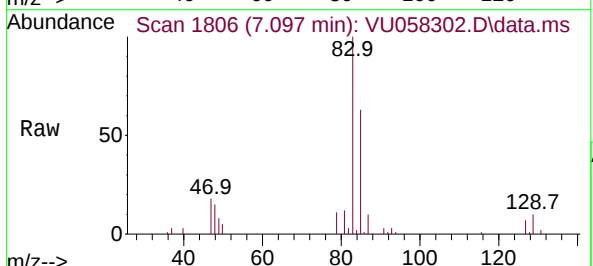
Instrument :
MSVOA_U
ClientSampleId :

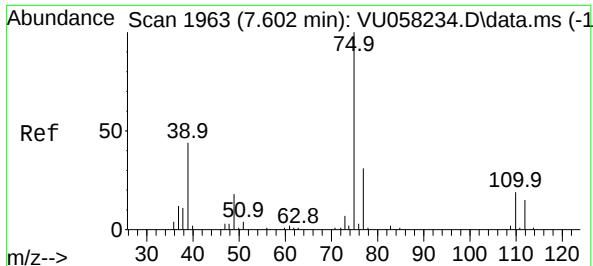
Tgt Ion: 63 Resp: 24616
Ion Ratio Lower Upper
63 100
112 3.5 2.7 4.1



#38
Bromodichloromethane
Concen: 4.462 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 83 Resp: 28752
Ion Ratio Lower Upper
83 100
85 62.8 45.6 84.8
127 7.2 7.1 10.7

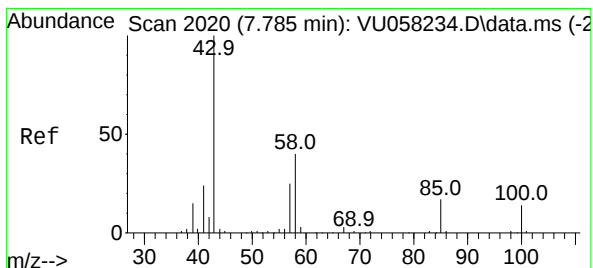
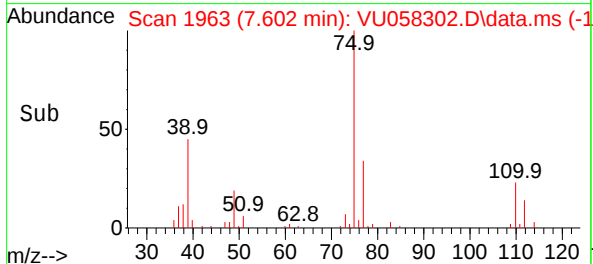
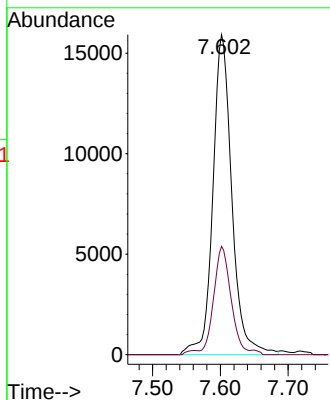
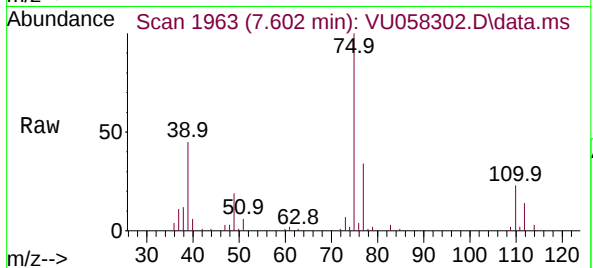




#39
 cis-1,3-Dichloropropene
 Concen: 4.344 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

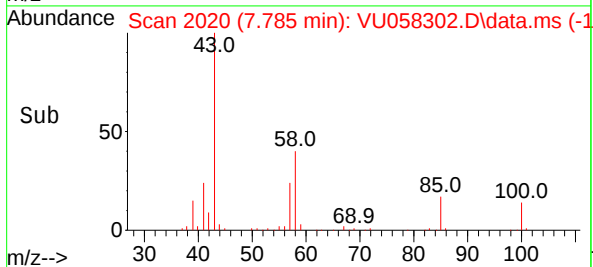
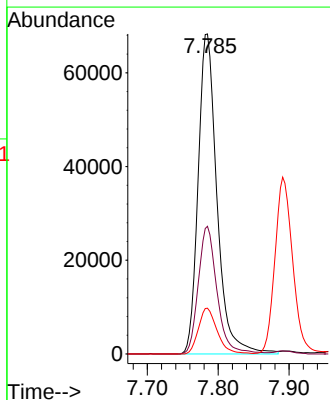
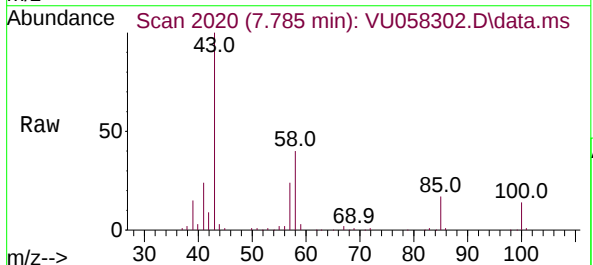
Instrument :
 MSVOA_U
 ClientSampleId :

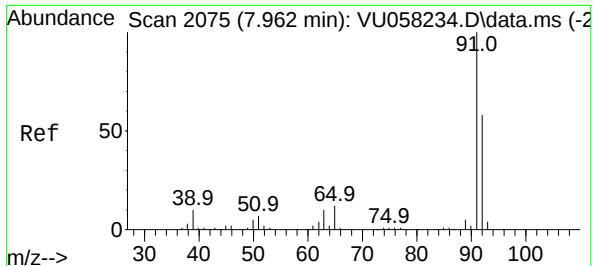
Tgt Ion: 75 Resp: 30971
 Ion Ratio Lower Upper
 75 100
 77 33.9 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 44.401 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058302.D
 Acq: 01 Apr 2024 09:33

Tgt Ion: 43 Resp: 126201
 Ion Ratio Lower Upper
 43 100
 58 39.7 33.2 49.8
 100 14.2 11.5 17.3





#42

Toluene

Concen: 4.269 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

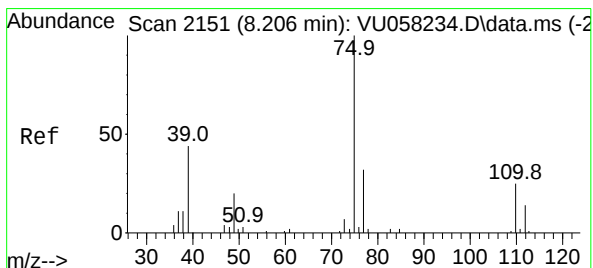
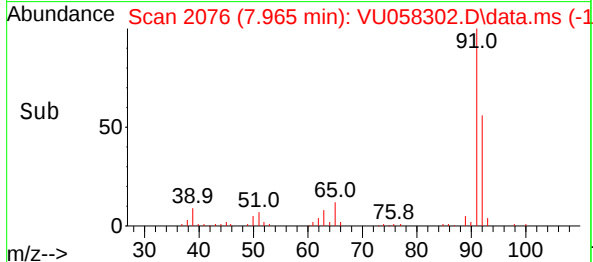
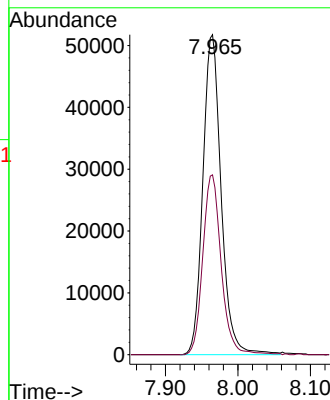
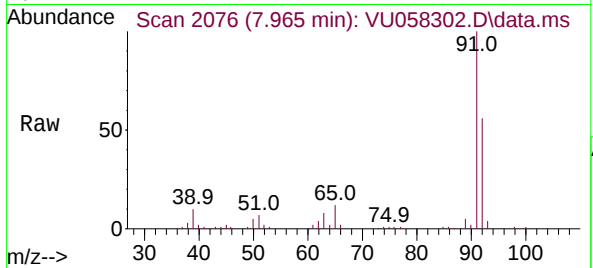
ClientSampleId :

Tgt Ion: 91 Resp: 90773

Ion Ratio Lower Upper

91 100

92 56.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.384 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058302.D

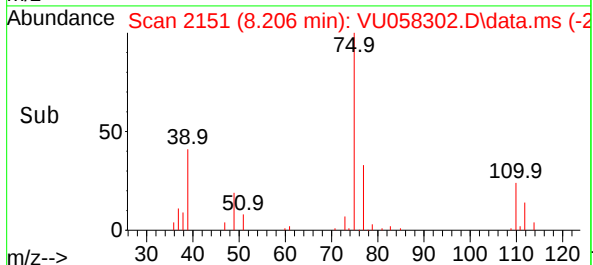
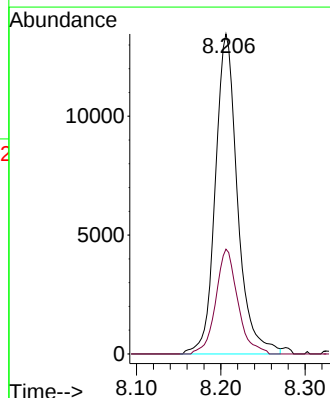
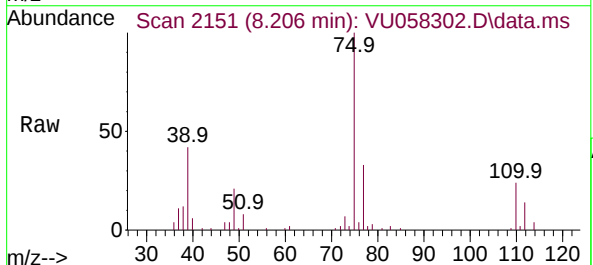
Acq: 01 Apr 2024 09:33

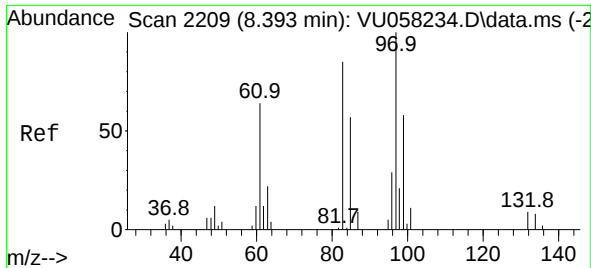
Tgt Ion: 75 Resp: 24593

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3

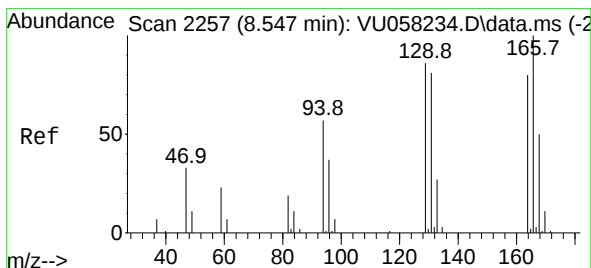
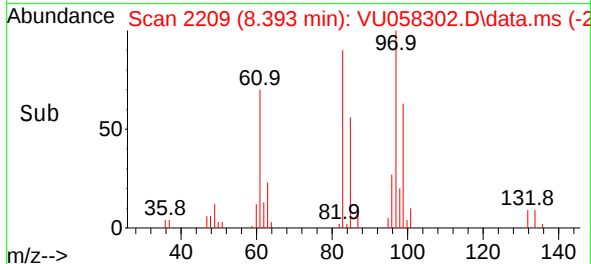
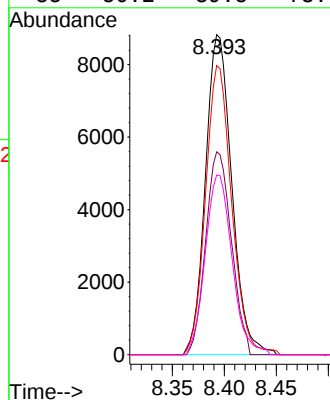
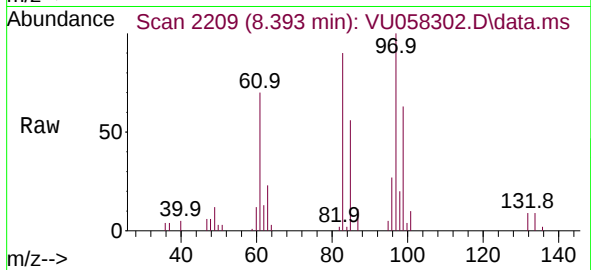




#45
1,1,2-Trichloroethane
Concen: 4.407 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

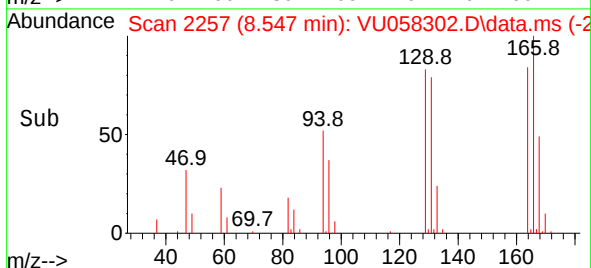
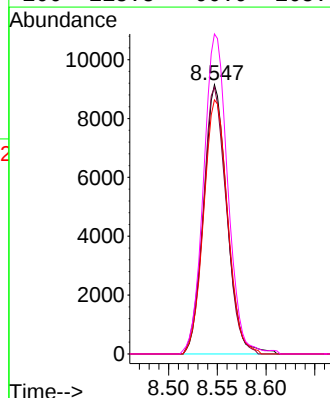
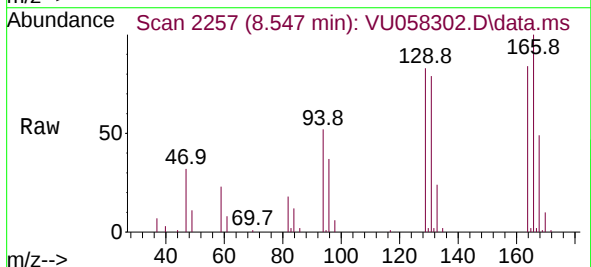
Instrument :
MSVOA_U
ClientSampleId :

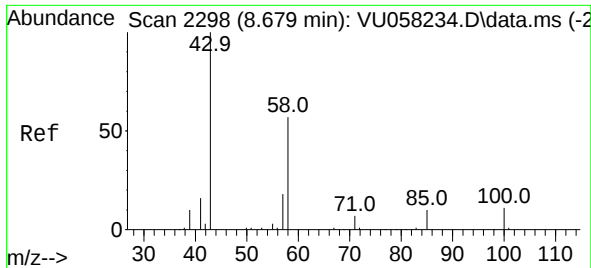
Tgt Ion:	97	Resp:	15605
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.5	82.7
83	90.3	64.1	119.1
85	56.2	39.5	73.4



#47
Tetrachloroethene
Concen: 4.332 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

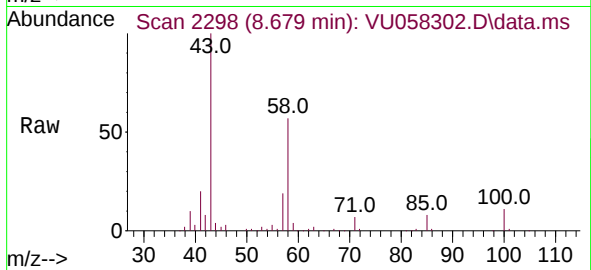
Tgt Ion:	164	Resp:	15211
Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.3	132.3
131	94.3	70.8	131.4
166	118.8	90.9	168.9



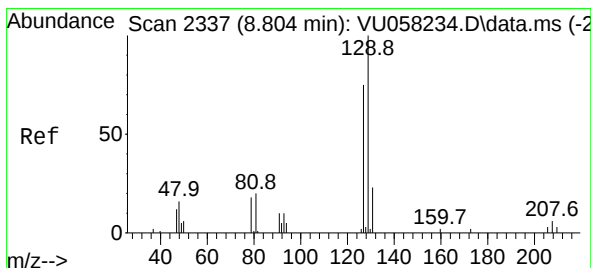
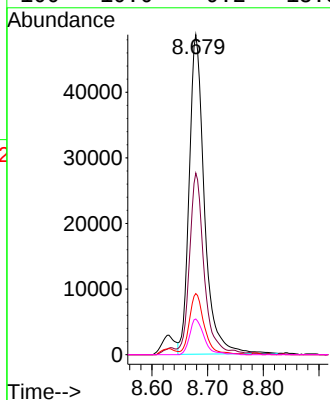
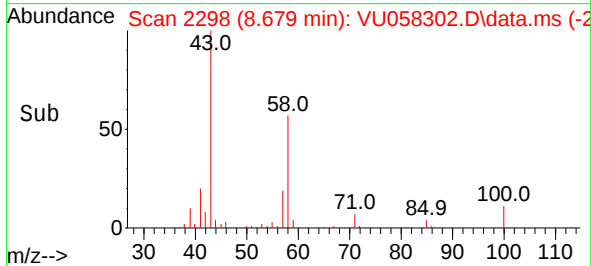


#48
2-Hexanone
Concen: 44.596 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Instrument :
MSVOA_U
ClientSampleId :

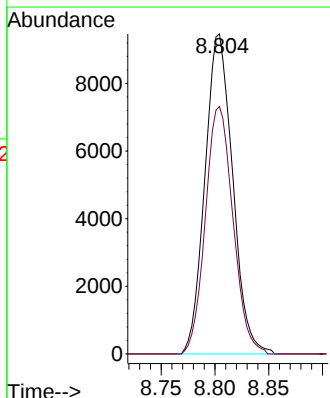
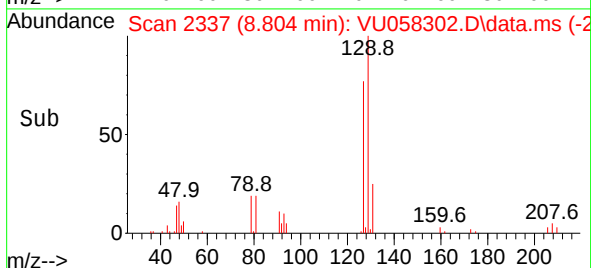
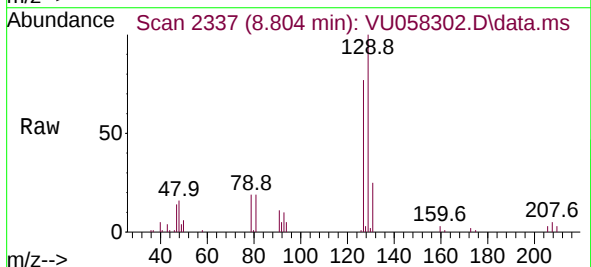


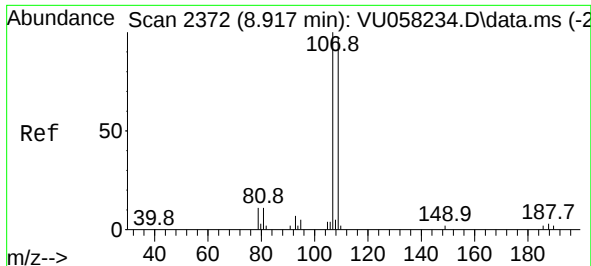
Tgt Ion:	43	Resp:	92310
Ion	Ratio	Lower	Upper
43	100		
58	51.4	48.3	72.5
57	18.9	16.3	24.5
100	10.6	9.2	13.8



#49
Dibromochloromethane
Concen: 4.383 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

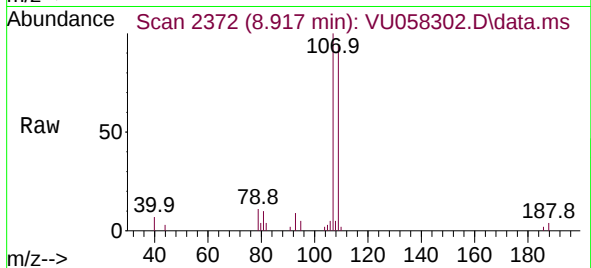
Tgt Ion:	129	Resp:	16981
Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.7	103.5



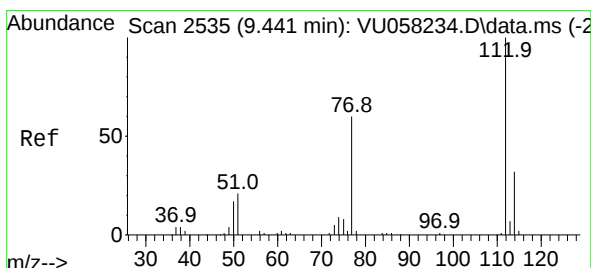
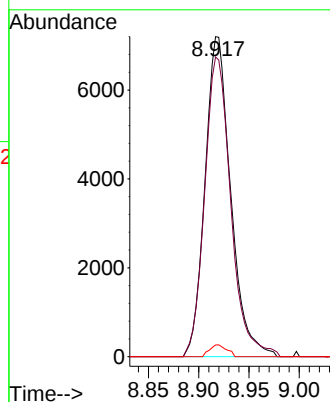
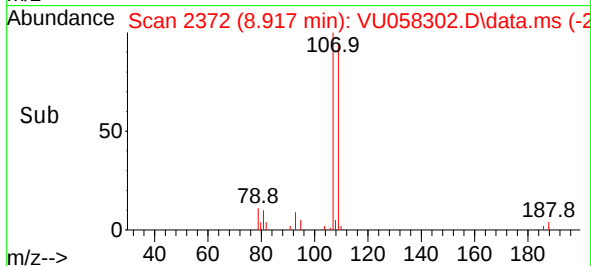


#50
1,2-Dibromoethane
Concen: 4.209 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Instrument :
MSVOA_U
ClientSampleId :

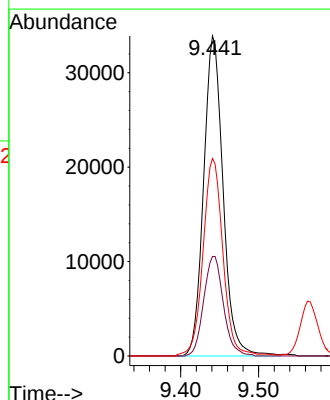
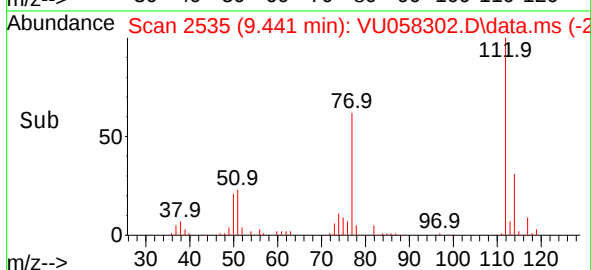
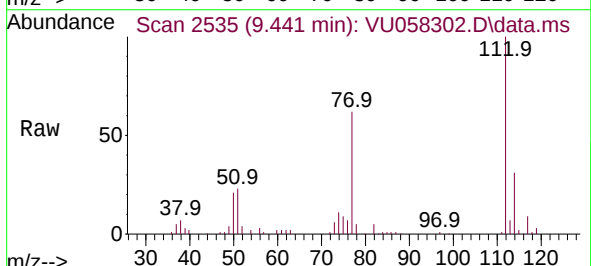


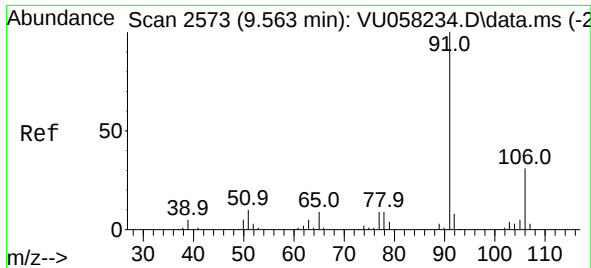
Tgt Ion:107 Resp: 12829
Ion Ratio Lower Upper
107 100
109 93.7 67.8 125.8
188 3.7 2.5 3.7



#51
Chlorobenzene
Concen: 4.294 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion:112 Resp: 58825
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.3
77 61.8 48.9 73.3

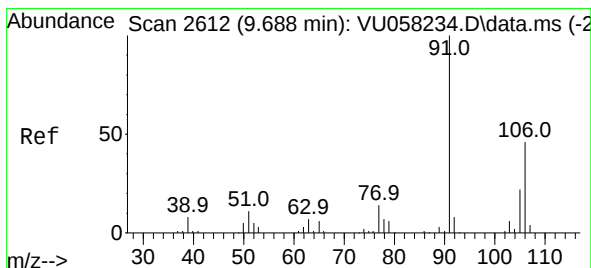
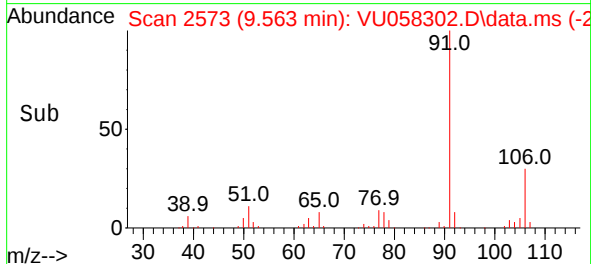
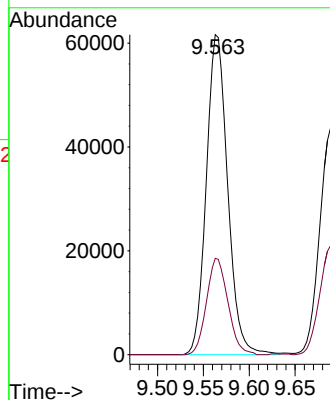
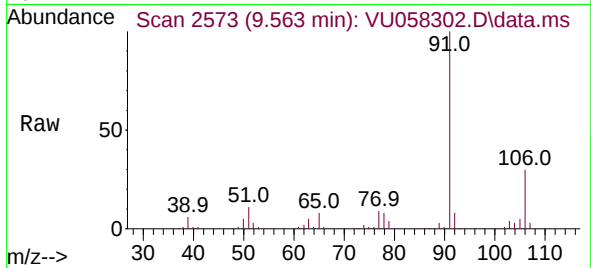




#52
Ethylbenzene
Concen: 4.203 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

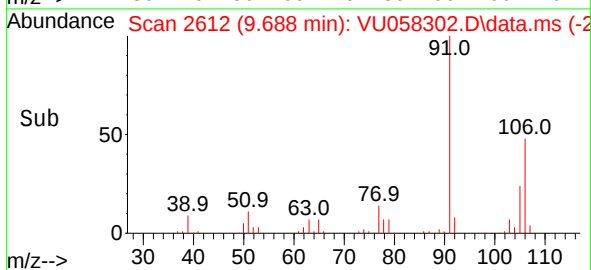
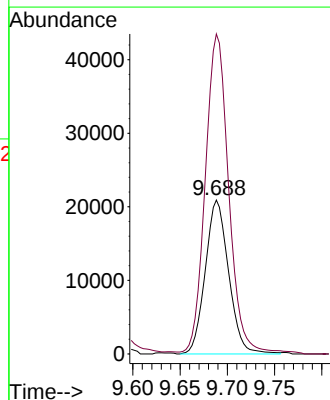
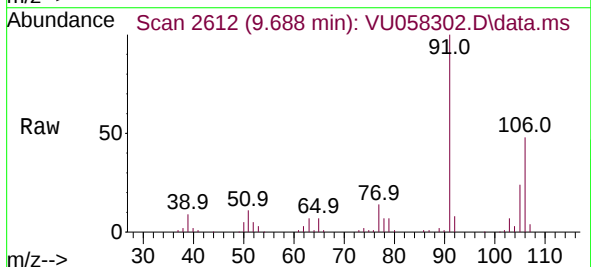
Instrument :
MSVOA_U
ClientSampleId :

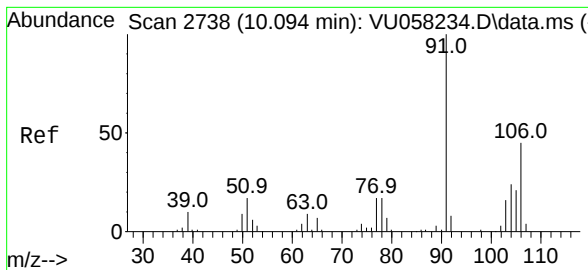
Tgt Ion: 91 Resp: 99784
Ion Ratio Lower Upper
91 100
106 30.1 20.6 38.2



#53
m,p-Xylene
Concen: 4.255 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion:106 Resp: 35988
Ion Ratio Lower Upper
106 100
91 207.8 151.0 280.4

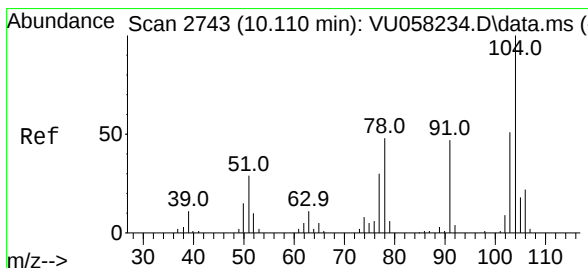
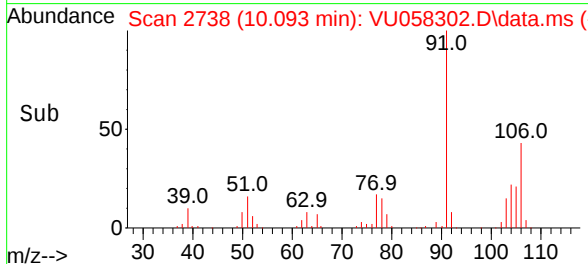
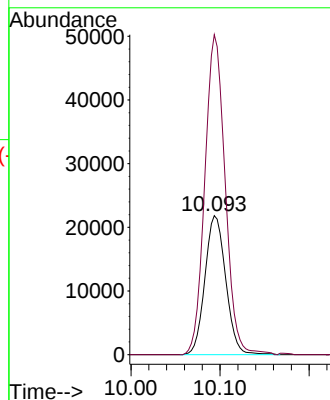
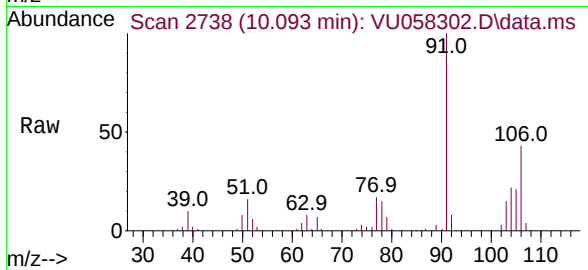




#54
o-Xylene
Concen: 4.159 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

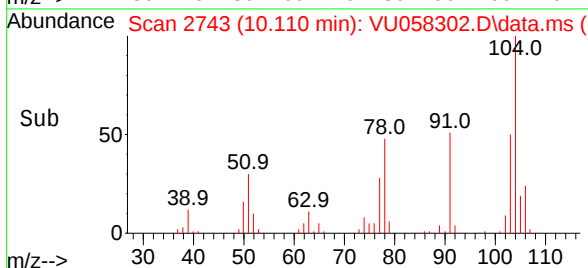
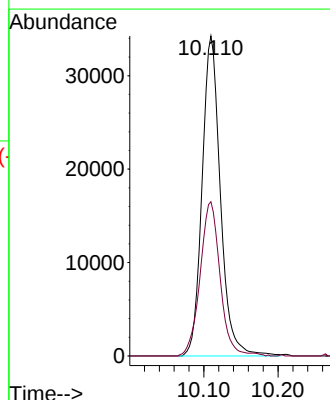
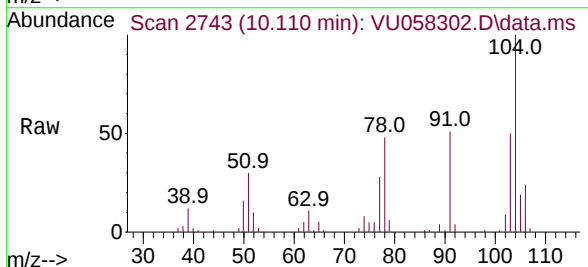
Instrument :
MSVOA_U
ClientSampleId :

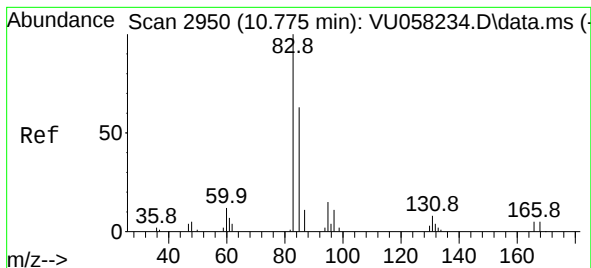
Tgt Ion:106 Resp: 35516
Ion Ratio Lower Upper
106 100
91 230.0 154.3 286.7



#55
Styrene
Concen: 4.356 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion:104 Resp: 58725
Ion Ratio Lower Upper
104 100
78 48.2 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.513 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

ClientSampleId :

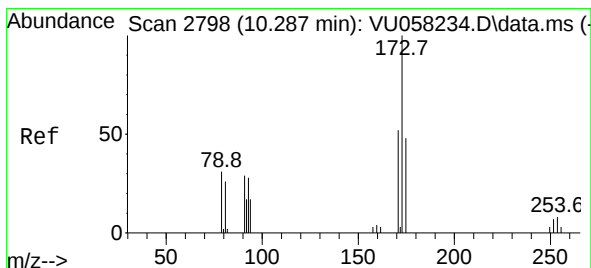
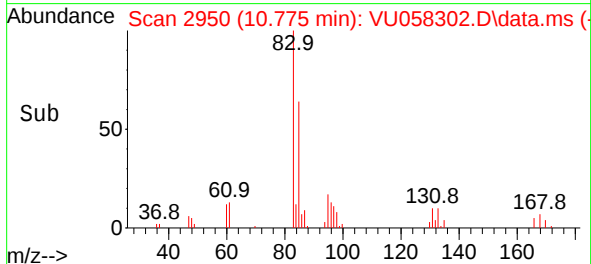
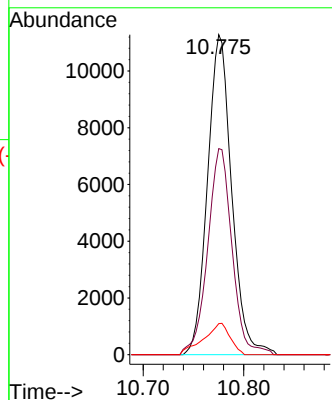
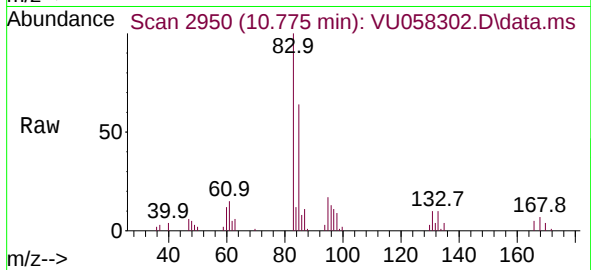
Tgt Ion: 83 Resp: 18836

Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9

131 9.7 7.0 10.6



#59

Bromoform

Concen: 4.545 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

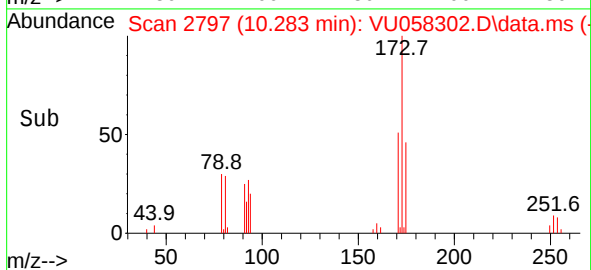
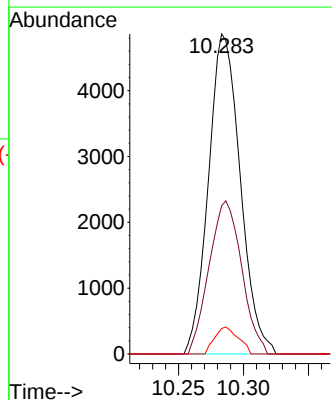
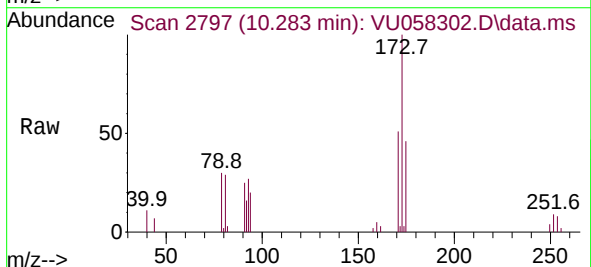
Tgt Ion:173 Resp: 8271

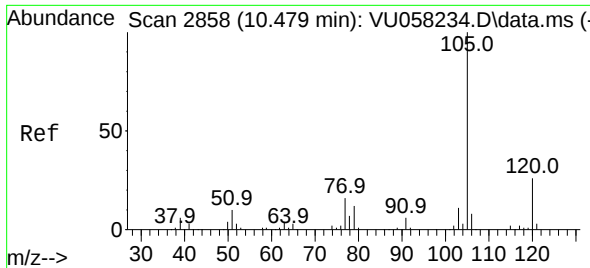
Ion Ratio Lower Upper

173 100

175 48.9 40.9 61.3

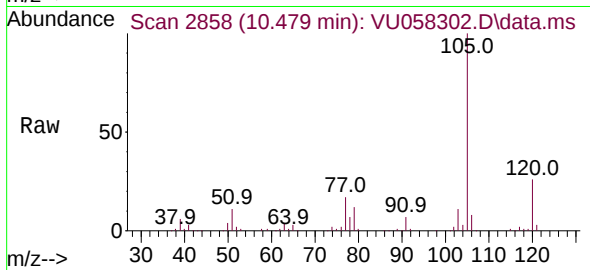
254 6.2 5.8 8.8



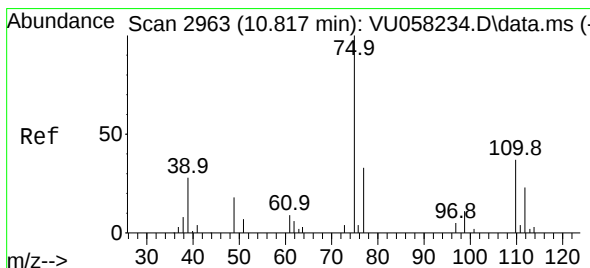
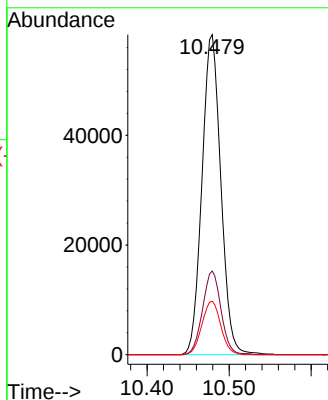
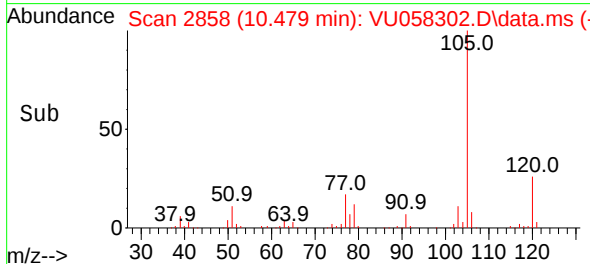


#60
Isopropylbenzene
Concen: 4.484 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Instrument :
MSVOA_U
ClientSampleId :

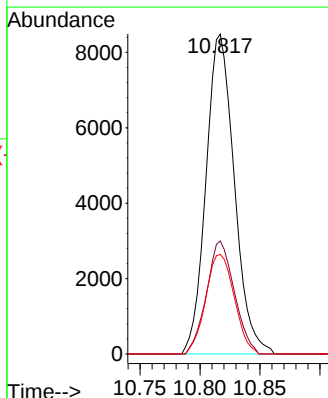
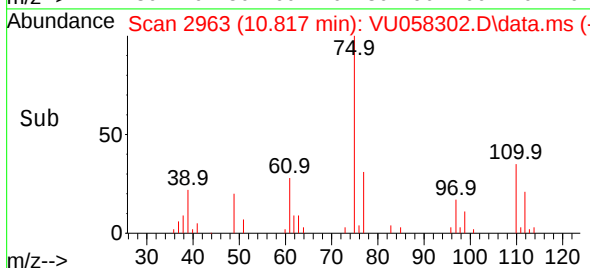
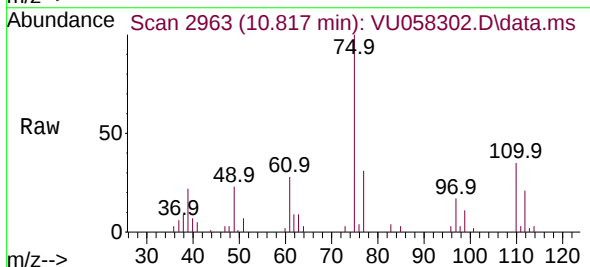


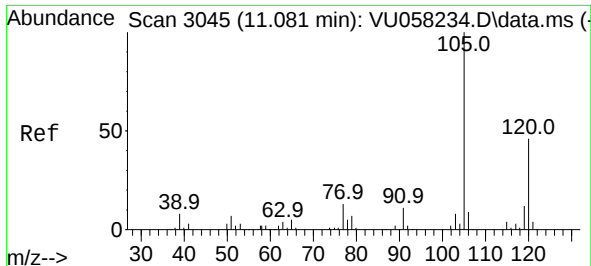
Tgt Ion:105 Resp: 93336
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.808 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion: 75 Resp: 13950
Ion Ratio Lower Upper
75 100
110 34.6 28.1 42.1
77 31.3 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.419 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

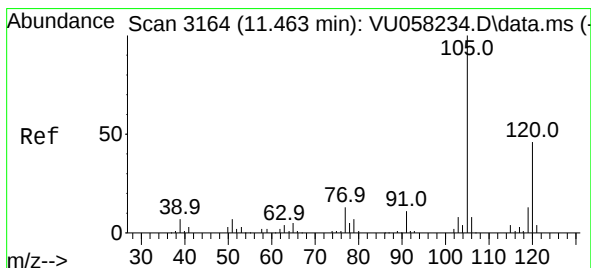
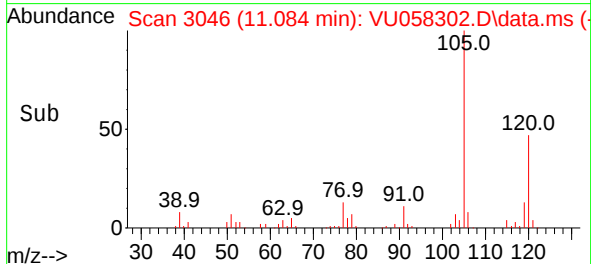
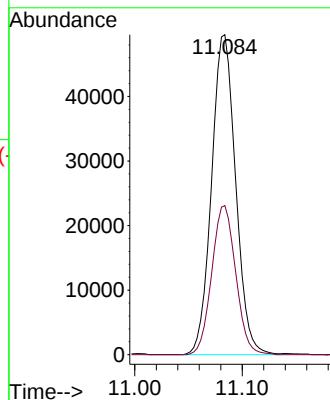
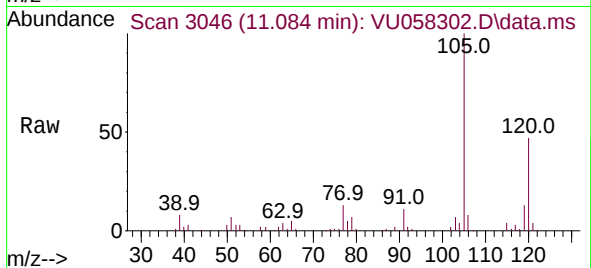
ClientSampleId :

Tgt Ion:105 Resp: 77200

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.403 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058302.D

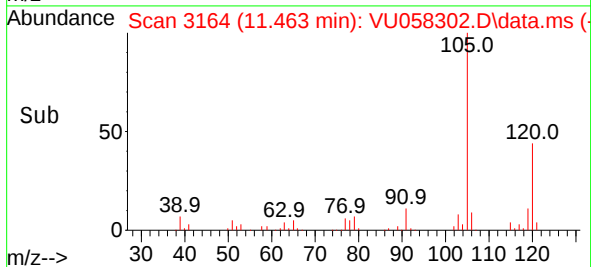
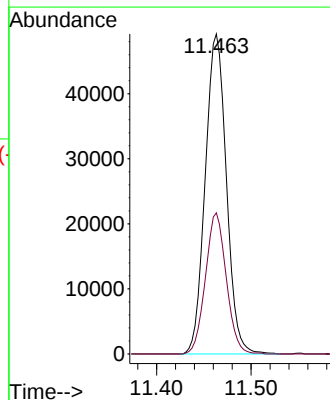
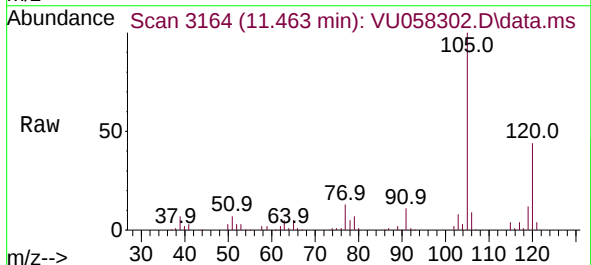
Acq: 01 Apr 2024 09:33

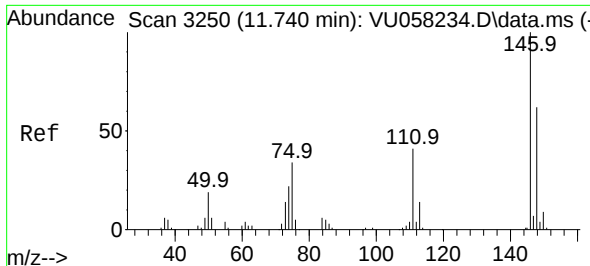
Tgt Ion:105 Resp: 76388

Ion Ratio Lower Upper

105 100

120 43.5 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 4.585 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

ClientSampleId :

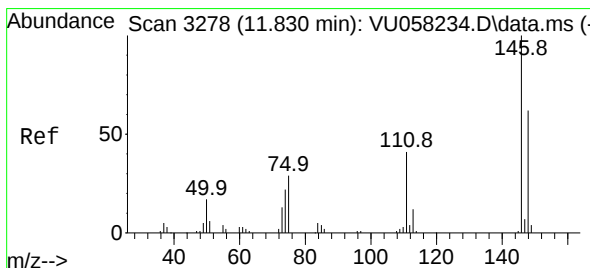
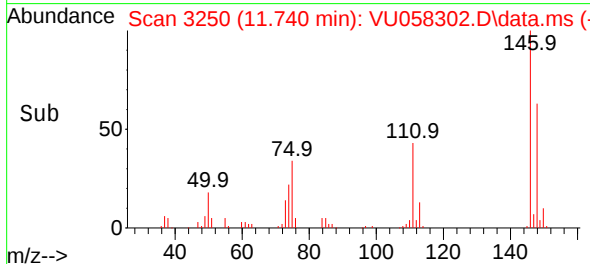
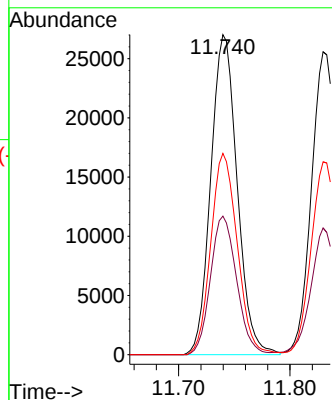
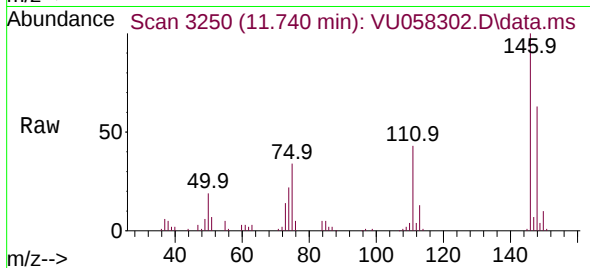
Tgt Ion:146 Resp: 44451

Ion Ratio Lower Upper

146 100

111 43.3 29.9 55.5

148 62.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.566 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

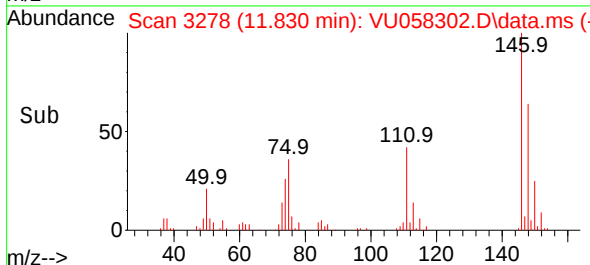
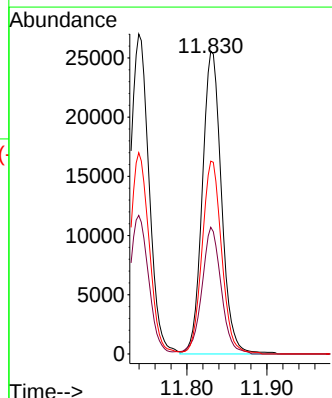
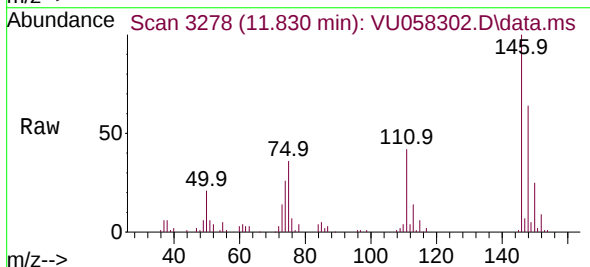
Tgt Ion:146 Resp: 42777

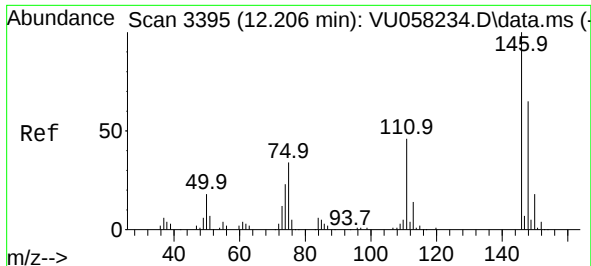
Ion Ratio Lower Upper

146 100

111 41.8 29.0 53.8

148 63.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.533 ug/L

RT: 12.206 min Scan# 34

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

ClientSampleId :

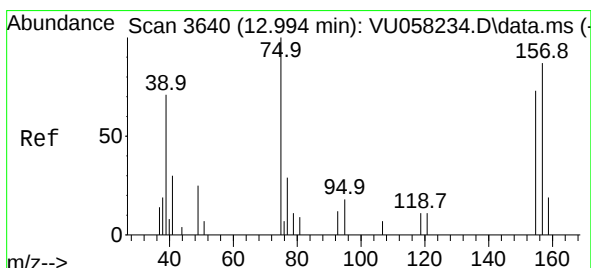
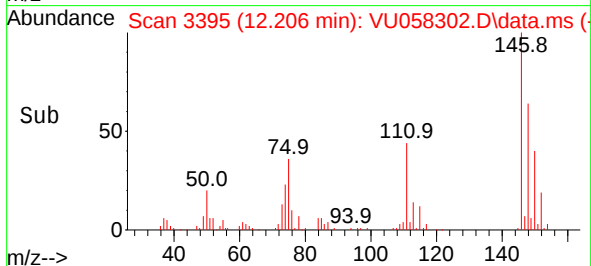
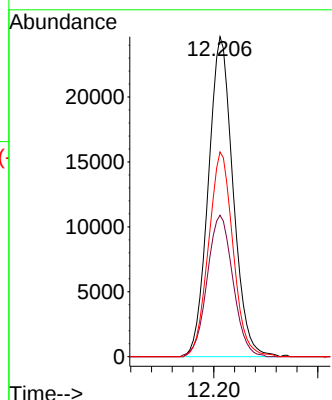
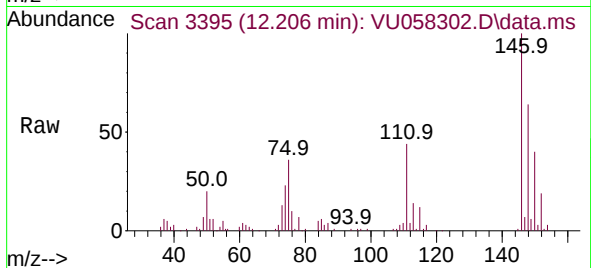
Tgt Ion:146 Resp: 40641

Ion Ratio Lower Upper

146 100

111 44.2 35.9 53.9

148 64.0 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.465 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

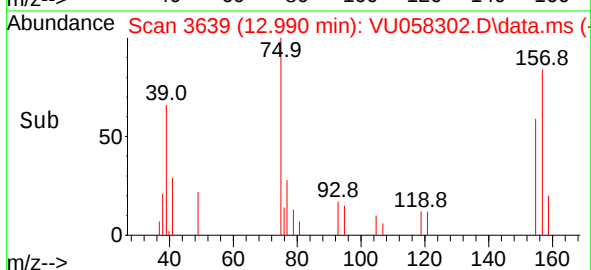
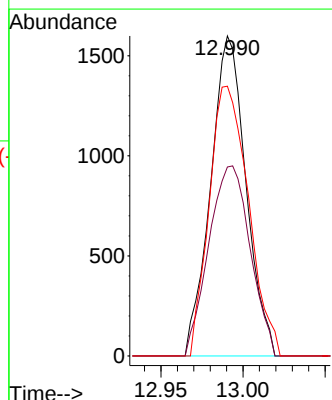
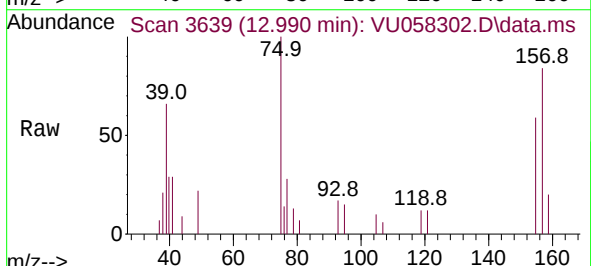
Tgt Ion: 75 Resp: 2391

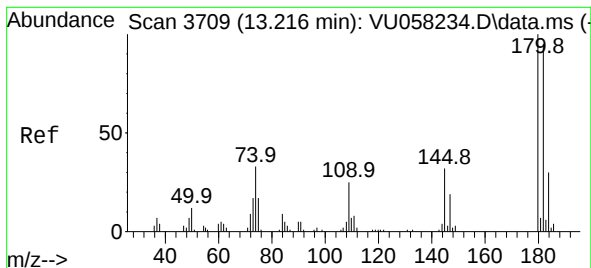
Ion Ratio Lower Upper

75 100

155 59.0 60.2 90.2#

157 84.3 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 4.538 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.000 min

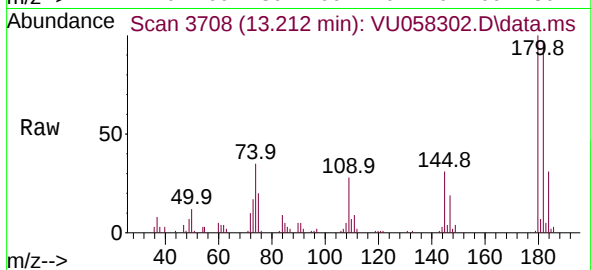
Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 30762

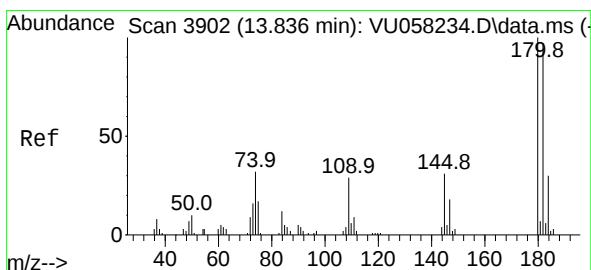
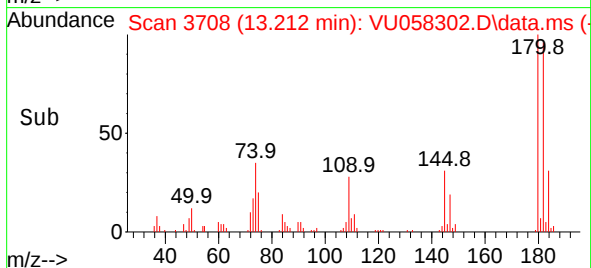
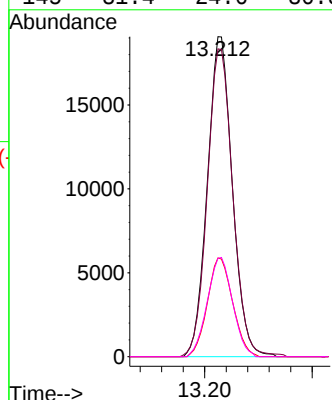
Ion Ratio Lower Upper

180 100

182 98.1 75.4 113.0

184 31.2 24.8 37.2

145 31.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.230 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058302.D

Acq: 01 Apr 2024 09:33

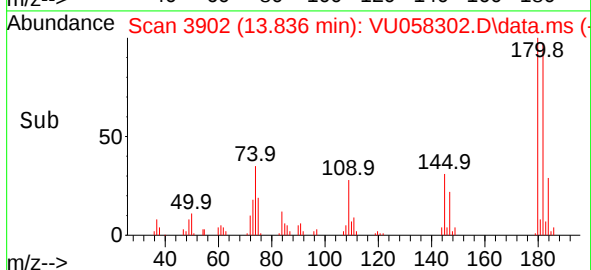
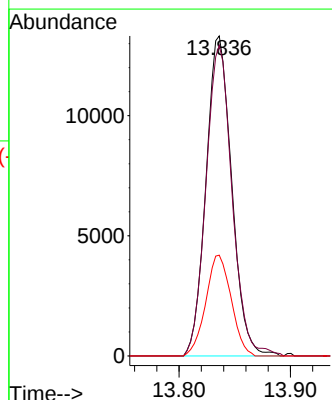
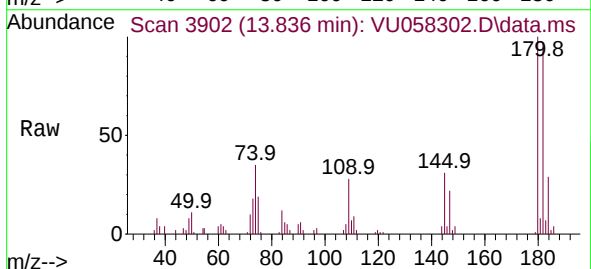
Tgt Ion:180 Resp: 21384

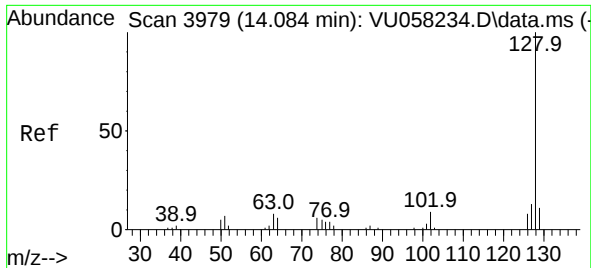
Ion Ratio Lower Upper

180 100

182 98.3 74.5 111.7

145 31.0 24.5 36.7

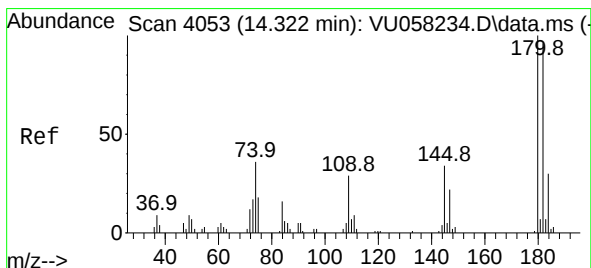
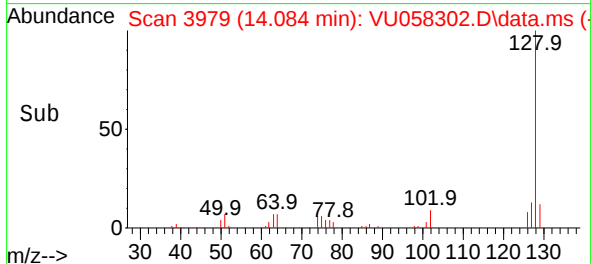
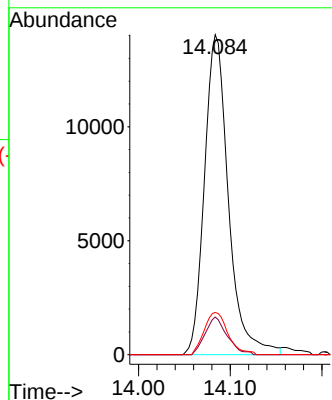
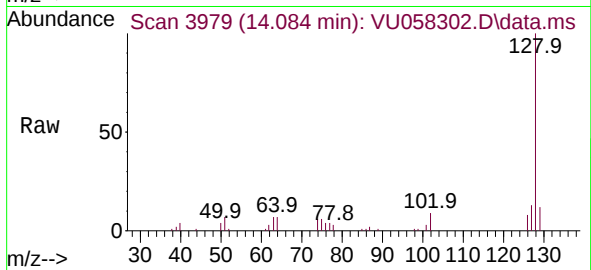




#71
Naphthalene
Concen: 3.705 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 25511
Ion Ratio Lower Upper
128 100
129 10.8 8.1 12.1
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.317 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058302.D
Acq: 01 Apr 2024 09:33

Tgt Ion:180 Resp: 17871
Ion Ratio Lower Upper
180 100
182 94.7 74.4 111.6
145 33.8 26.3 39.5

