

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058030.D
 Acq On : 11 Mar 2024 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:03:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40937	3.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.908	69	37427	3.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	19638	3.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.608	46	90385	46.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.180%
24) Chloroform-d	5.055	84	95513	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	41995	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.721	84	181142	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	56958	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.891	98	161574	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	19608	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.624	63	77975	49.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37078	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50195	4.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	50779	5.066	ug/L	99
3) Chloromethane	1.515	50	58669	5.006	ug/L	99
5) Vinyl chloride	1.599	62	64251	5.097	ug/L	99
6) Bromomethane	1.850	94	32463	4.889	ug/L	97
8) Chloroethane	1.927	64	41885	5.276	ug/L	96
9) Trichlorofluoromethane	2.133	101	93955	5.232	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60320	5.372	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52488	5.259	ug/L	86
13) Acetone	2.612	43	78452	53.756	ug/L	97
14) Carbon disulfide	2.785	76	154555	5.008	ug/L	99
15) Methyl Acetate	2.940	43	17831	5.506	ug/L	93
16) Methylene chloride	3.036	84	59203	4.880	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	124558	5.277	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	56174	5.167	ug/L	97
19) 1,1-Dichloroethane	3.859	63	118732	5.475	ug/L	99
21) 2-Butanone	4.689	43	120360	52.339	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	61832	5.170	ug/L	99
23) Bromochloromethane	4.968	128	24725	5.567	ug/L	96
25) Chloroform	5.078	83	116023	5.240	ug/L	100

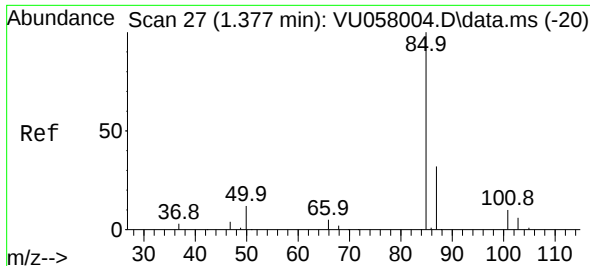
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058030.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:03:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65562	5.349	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	98241	5.327	ug/L	99
30) Cyclohexane	5.380	56	94218	5.060	ug/L	100
31) Carbon tetrachloride	5.515	117	85764	5.352	ug/L	99
33) Benzene	5.766	78	251067	5.281	ug/L	100
34) Trichloroethene	6.534	95	64803	5.180	ug/L	97
35) Methylcyclohexane	6.756	83	96829	5.050	ug/L	98
37) 1,2-Dichloropropane	6.782	63	66903	5.457	ug/L	98
38) Bromodichloromethane	7.100	83	81285	5.465	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	90893	5.381	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	308618	54.723	ug/L	100
42) Toluene	7.962	91	263693	5.326	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	72327	5.373	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	39113	5.381	ug/L	99
47) Tetrachloroethene	8.547	164	45135	5.201	ug/L	98
48) 2-Hexanone	8.676	43	219986	53.190	ug/L	99
49) Dibromochloromethane	8.804	129	47747	5.549	ug/L	100
50) 1,2-Dibromoethane	8.917	107	35239	5.462	ug/L	94
51) Chlorobenzene	9.441	112	160621	5.173	ug/L	98
52) Ethylbenzene	9.563	91	293068	5.289	ug/L	100
53) m,p-Xylene	9.689	106	104017	5.255	ug/L	98
54) o-Xylene	10.094	106	102344	5.187	ug/L	99
55) Styrene	10.110	104	167379	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	47418	5.537	ug/L	97
59) Bromoform	10.287	173	23615	5.666	ug/L	100
60) Isopropylbenzene	10.480	105	270539	5.436	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	34050	5.563	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	226453	5.395	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	226546	5.469	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	121091	5.353	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	116971	5.283	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	105360	5.335	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	6631	5.460	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	85977	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	62198	5.087	ug/L	97
71) Naphthalene	14.084	128	74174	4.442	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	48009	4.971	ug/L	96

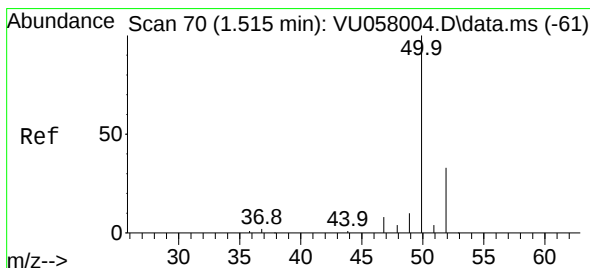
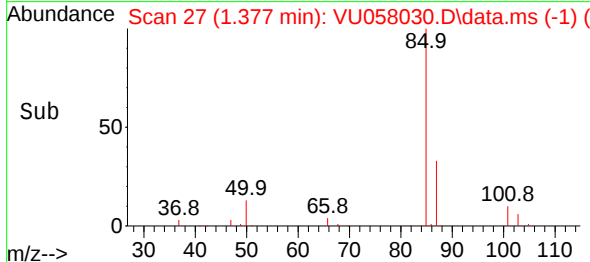
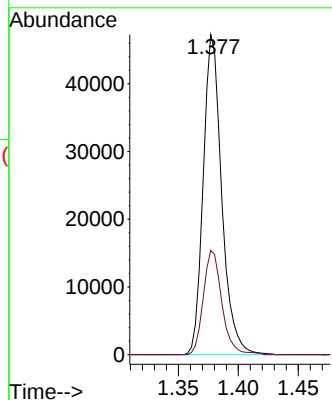
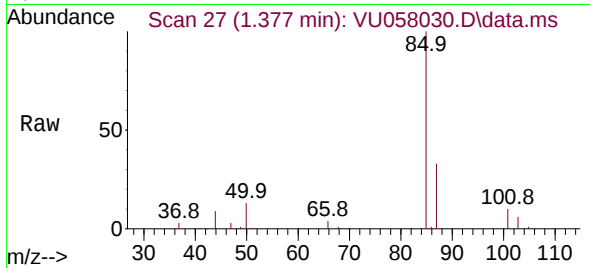
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#2
Dichlorodifluoromethane
Concen: 5.066 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

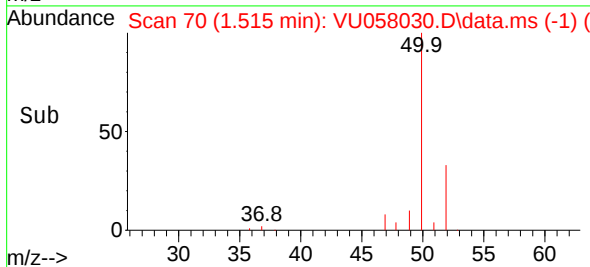
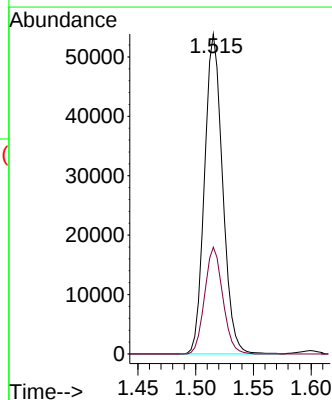
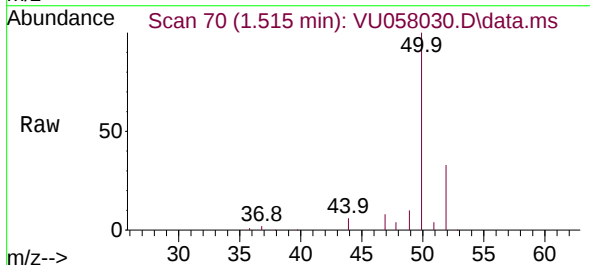
Instrument :
MSVOA_U
ClientSampleId :

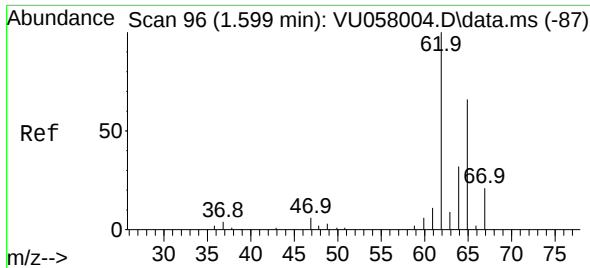
Tgt Ion: 85 Resp: 50779
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 5.006 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

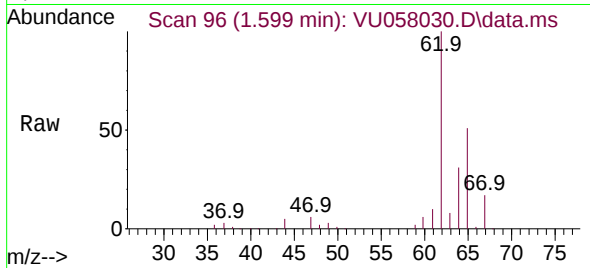
Tgt Ion: 50 Resp: 58669
Ion Ratio Lower Upper
50 100
52 33.3 23.1 42.9



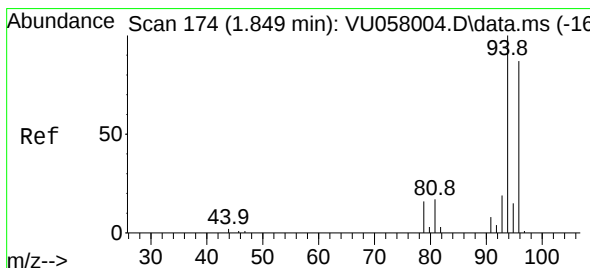
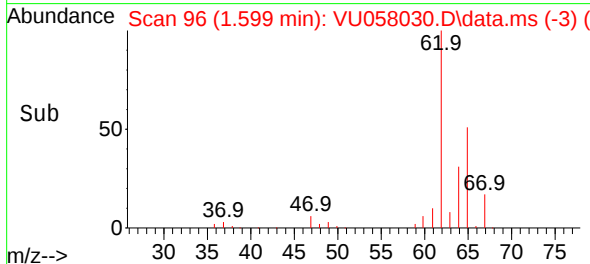
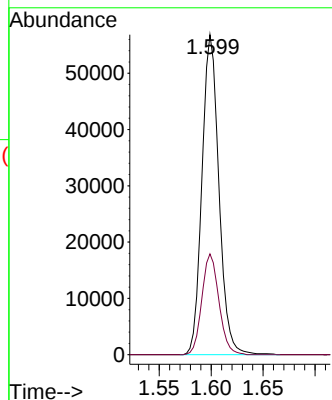


#5
 Vinyl chloride
 Concen: 5.097 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Instrument :
 MSVOA_U
 ClientSampleId :

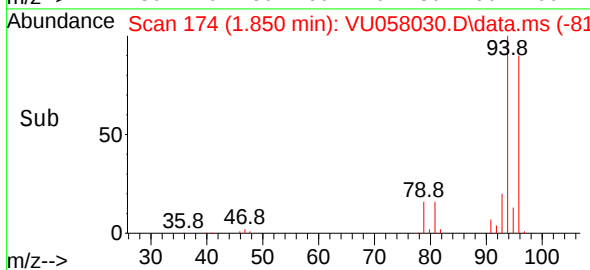
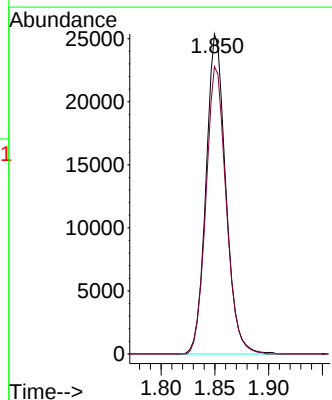
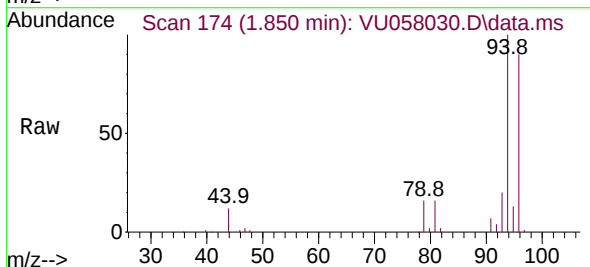


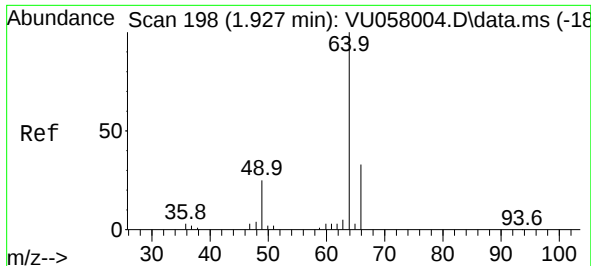
Tgt Ion: 62 Resp: 64251
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.5 41.7



#6
 Bromomethane
 Concen: 4.889 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Tgt Ion: 94 Resp: 32463
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.2 121.2

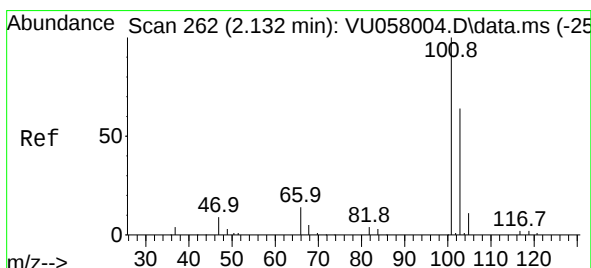
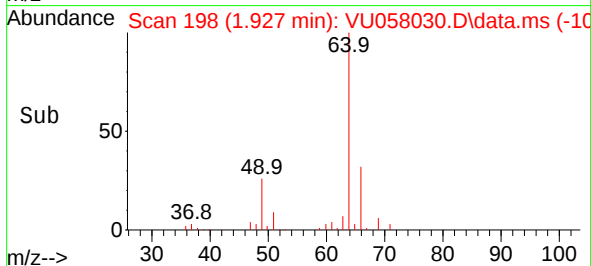
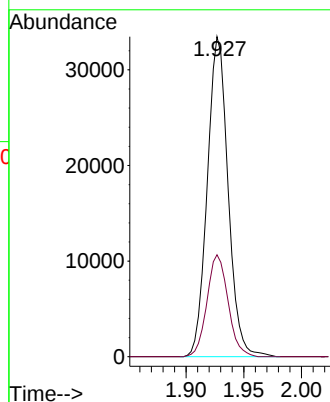
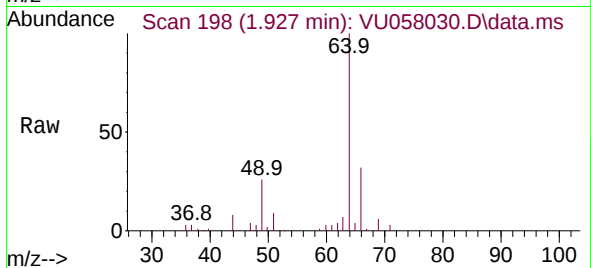




#8
Chloroethane
Concen: 5.276 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

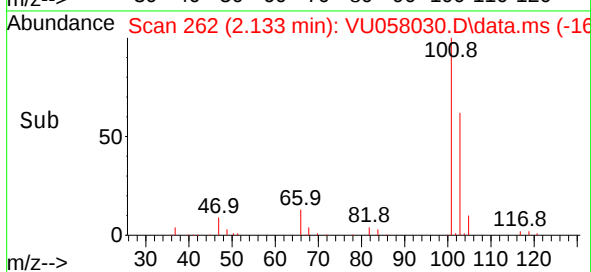
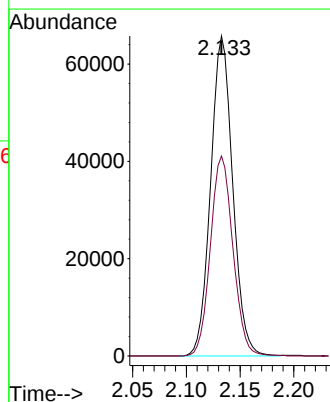
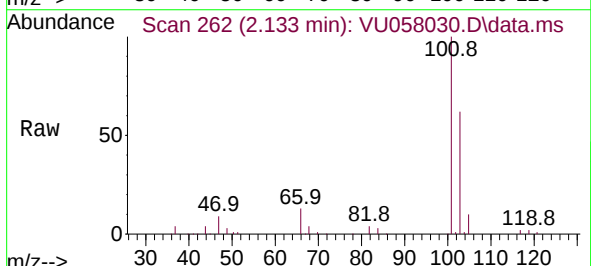
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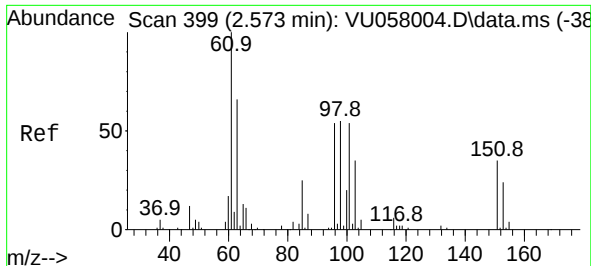
Tgt Ion: 64 Resp: 41885
Ion Ratio Lower Upper
64 100
66 31.8 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.232 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion:101 Resp: 93955
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

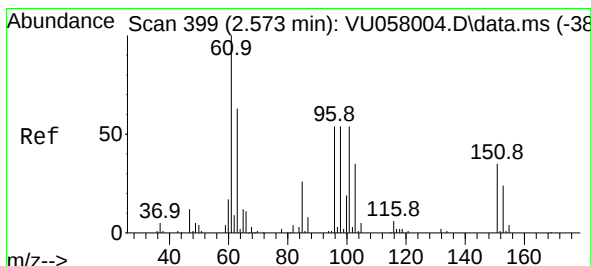
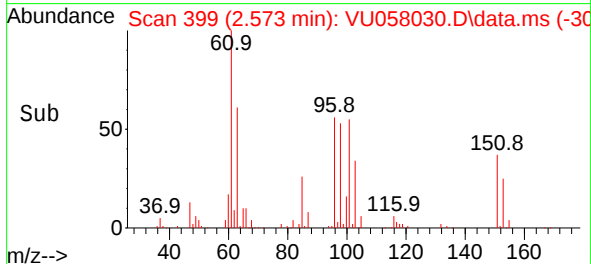
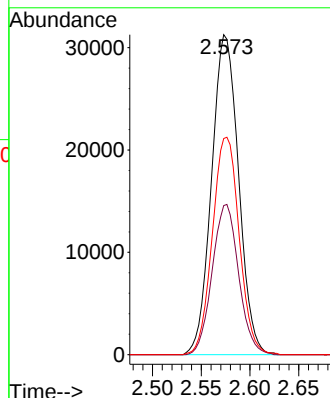
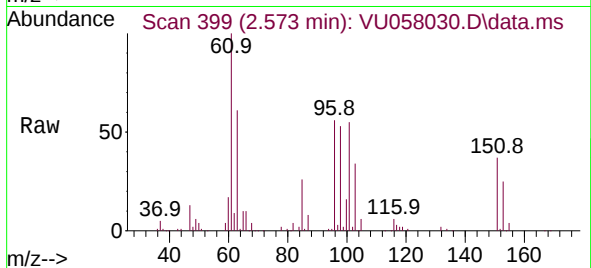




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.372 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

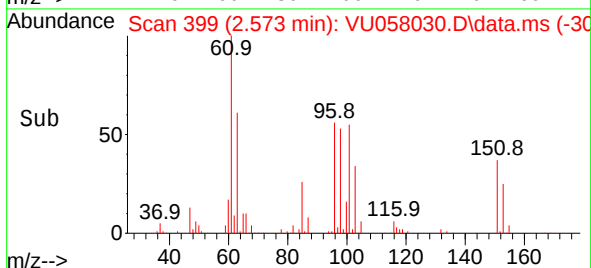
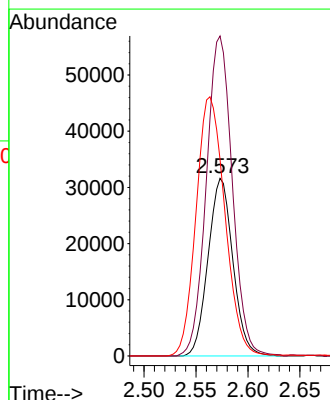
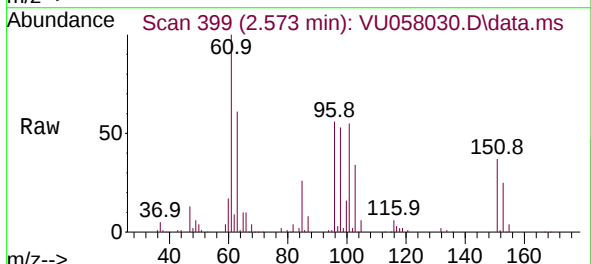
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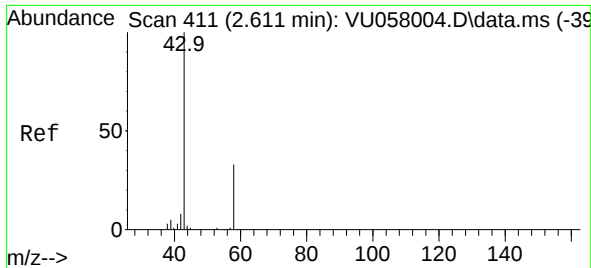
Tgt Ion:101 Resp: 60320
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.3 55.9
 151 67.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.259 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Tgt Ion: 96 Resp: 52488
 Ion Ratio Lower Upper
 96 100
 61 180.1 131.8 244.8
 63 110.7 98.1 182.1





#13

Acetone

Concen: 53.756 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

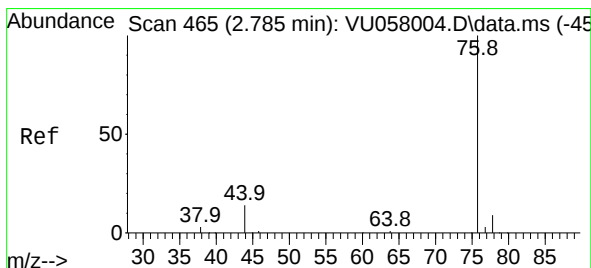
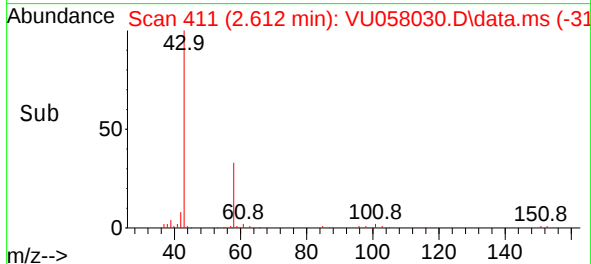
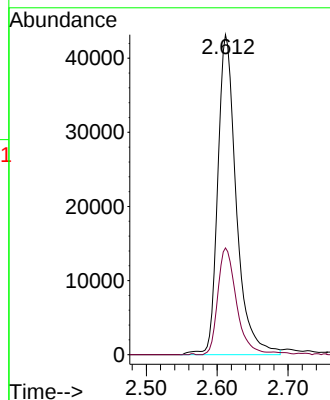
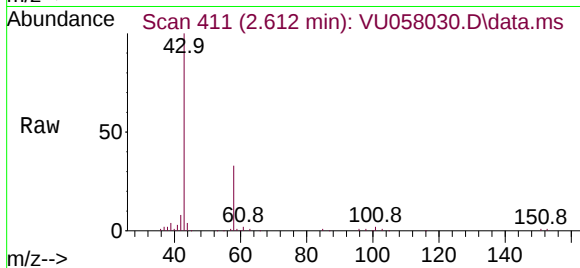
ClientSampleId :

Tgt Ion: 43 Resp: 78452

Ion Ratio Lower Upper

43 100

58 33.5 0.0 63.6



#14

Carbon disulfide

Concen: 5.008 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058030.D

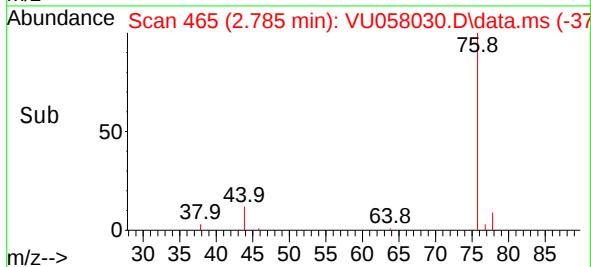
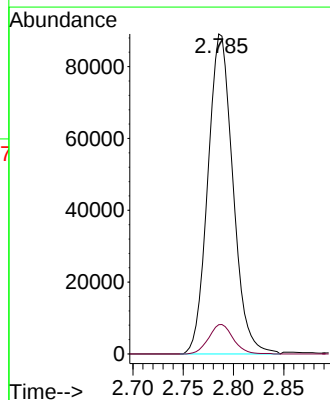
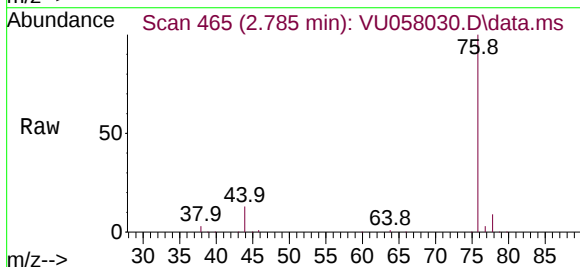
Acq: 11 Mar 2024 09:30

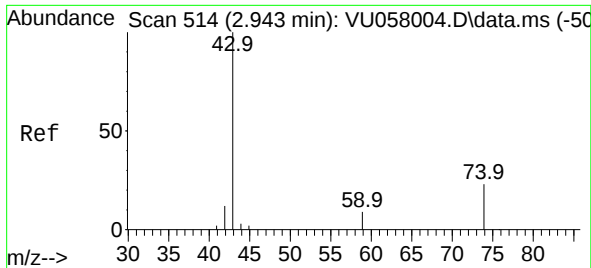
Tgt Ion: 76 Resp: 154555

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

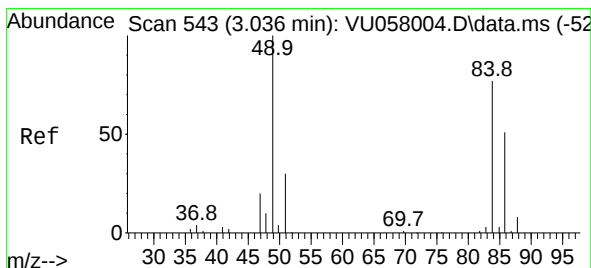
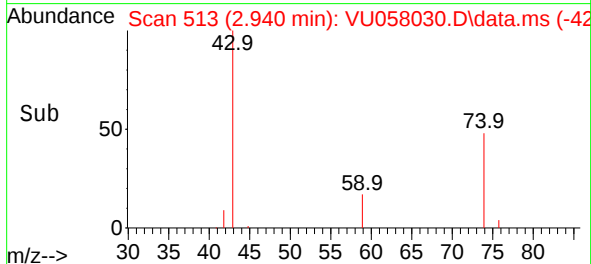
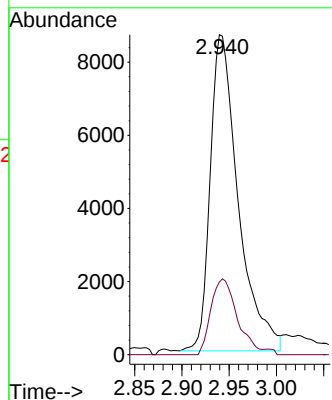
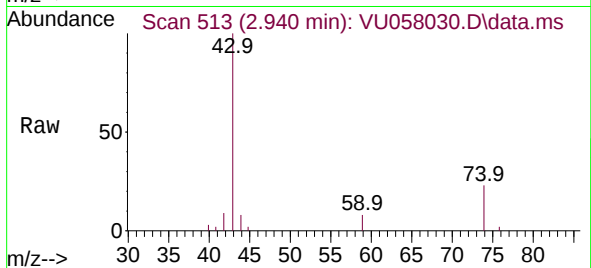




#15
Methyl Acetate
Concen: 5.506 ug/L
RT: 2.940 min Scan# 514
Delta R.T. -0.003 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

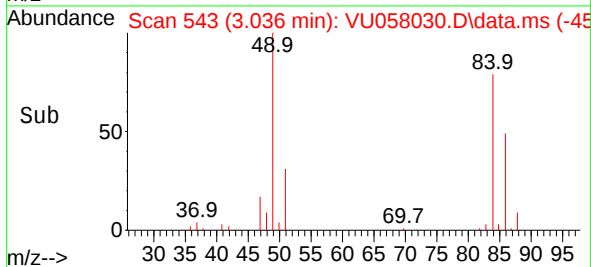
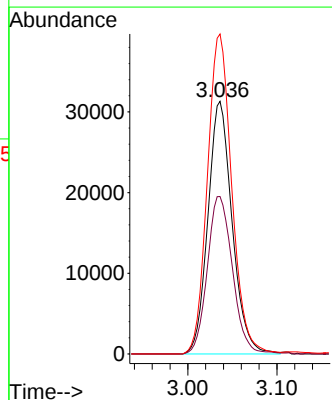
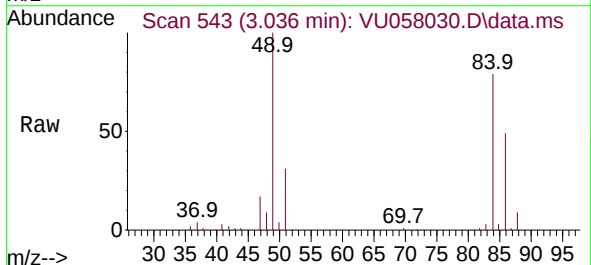
Instrument :
MSVOA_U
ClientSampleId :

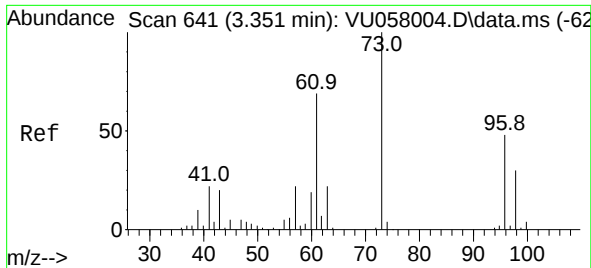
Tgt Ion: 43 Resp: 17831
Ion Ratio Lower Upper
43 100
74 22.4 20.6 31.0



#16
Methylene chloride
Concen: 4.880 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion: 84 Resp: 59203
Ion Ratio Lower Upper
84 100
86 62.3 44.4 82.4
49 126.7 88.8 165.0

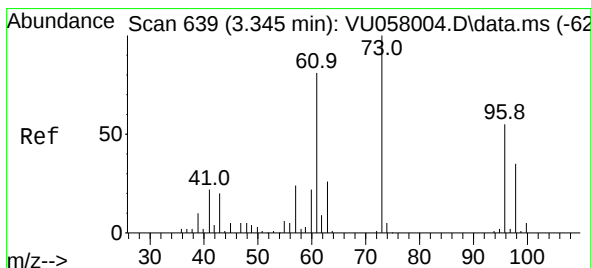
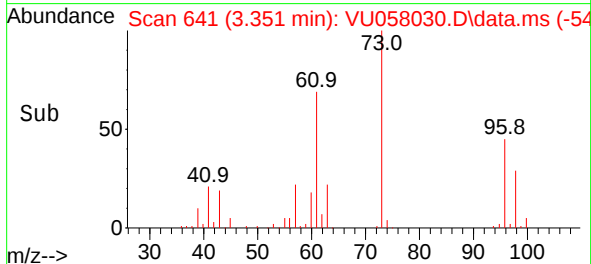
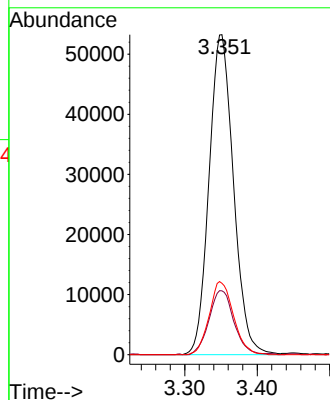
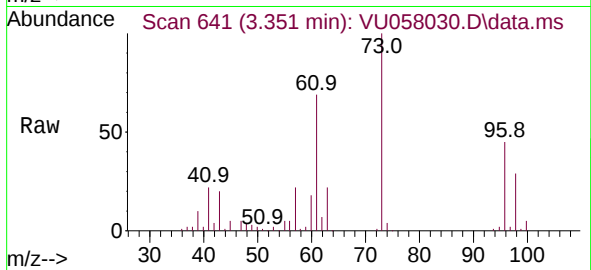




#17
Methyl tert-butyl Ether
Concen: 5.277 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

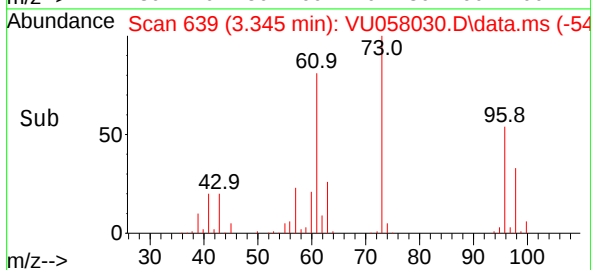
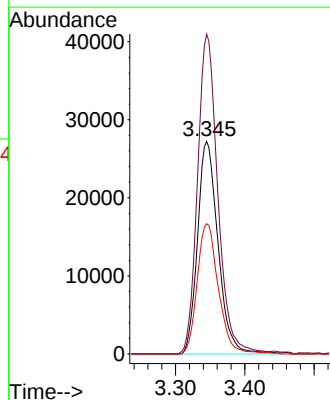
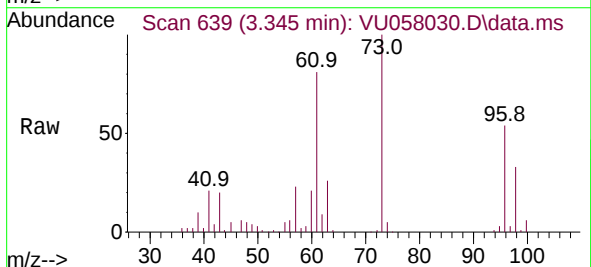
Instrument :
MSVOA_U
ClientSampleId :

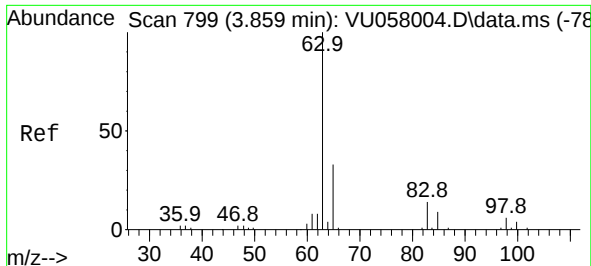
Tgt Ion: 73 Resp: 124558
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.167 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion: 96 Resp: 56174
Ion Ratio Lower Upper
96 100
61 150.4 107.7 199.9
98 61.2 45.8 85.0

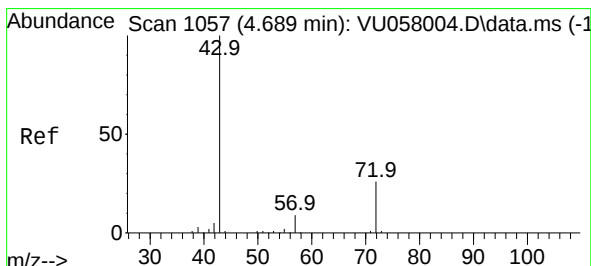
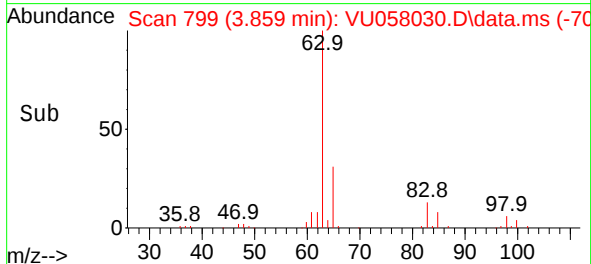
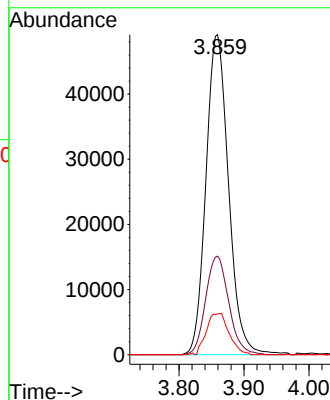
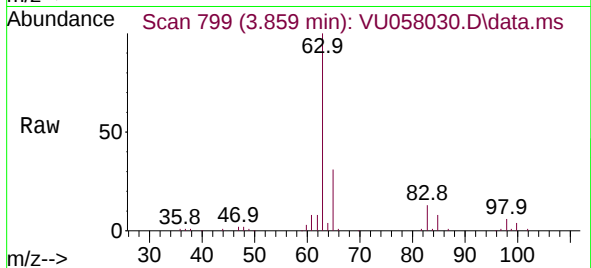




#19
1,1-Dichloroethane
Concen: 5.475 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

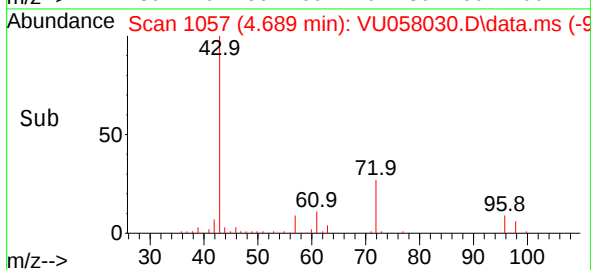
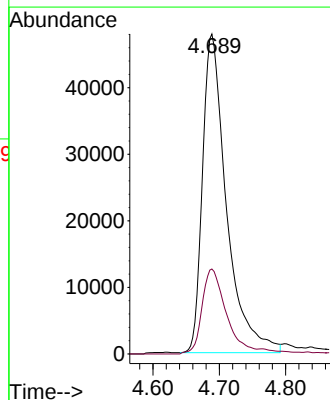
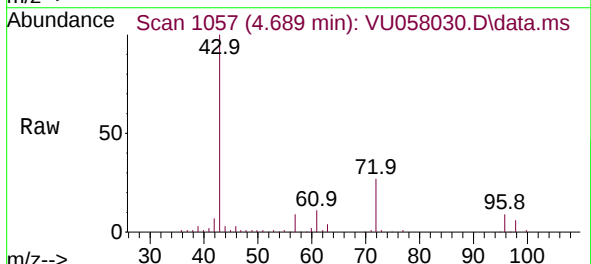
Instrument :
MSVOA_U
ClientSampleId :

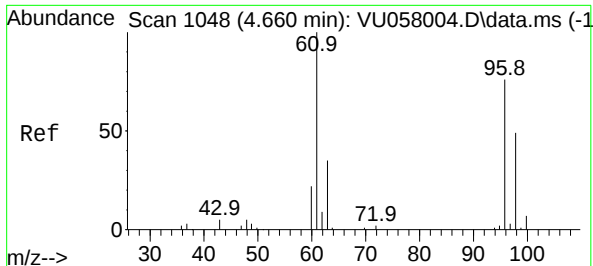
Tgt Ion: 63 Resp: 118732
Ion Ratio Lower Upper
63 100
65 30.8 22.1 41.1
83 12.7 9.0 16.6



#21
2-Butanone
Concen: 52.339 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

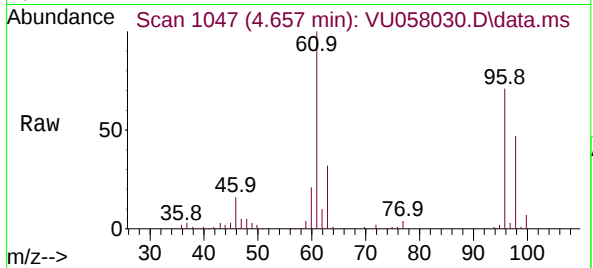
Tgt Ion: 43 Resp: 120360
Ion Ratio Lower Upper
43 100
72 26.6 13.0 39.0





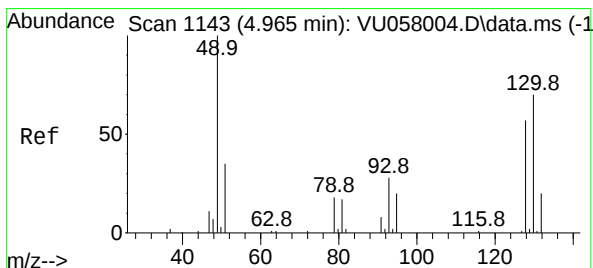
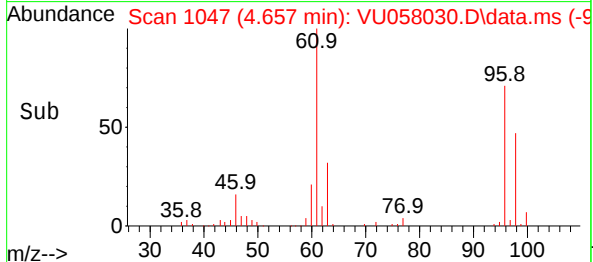
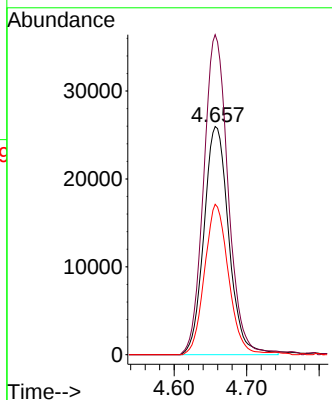
#22
 cis-1,2-Dichloroethene
 Concen: 5.170 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 61832

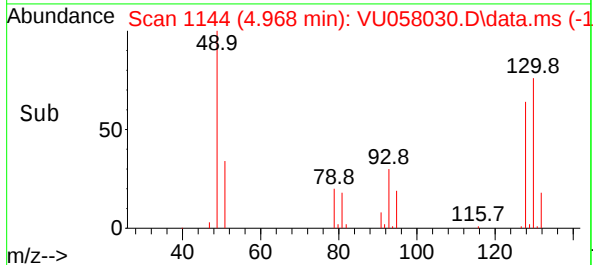
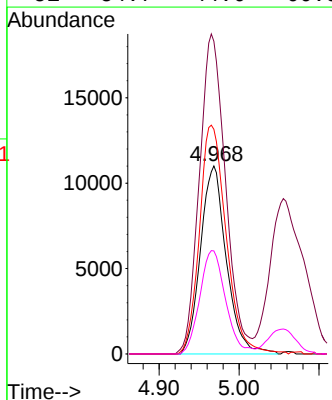
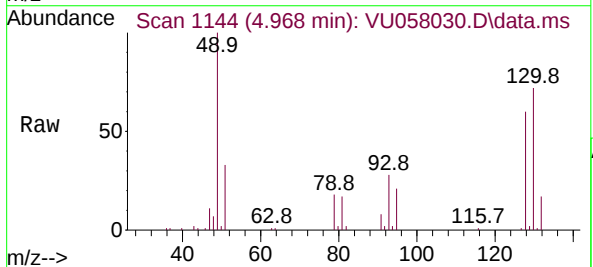
Ion	Ratio	Lower	Upper
96	100		
61	140.3	97.2	180.4
98	65.9	45.5	84.5

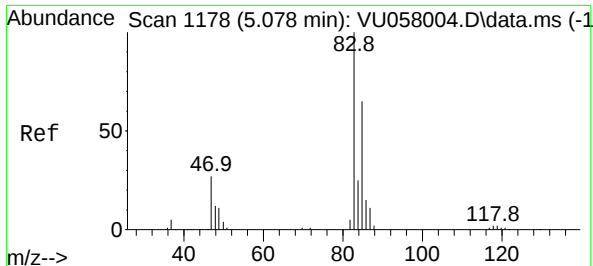


#23
 Bromochloromethane
 Concen: 5.567 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Tgt Ion:128 Resp: 24725

Ion	Ratio	Lower	Upper
128	100		
49	166.2	122.0	226.6
130	119.4	86.6	160.8
51	54.7	44.6	66.8





#25

Chloroform

Concen: 5.240 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

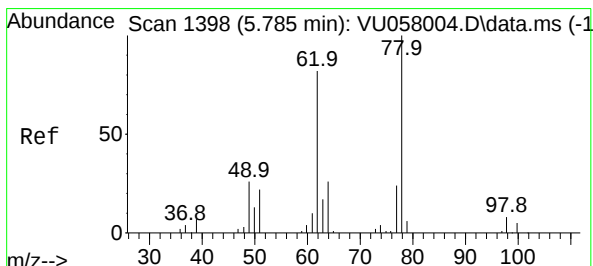
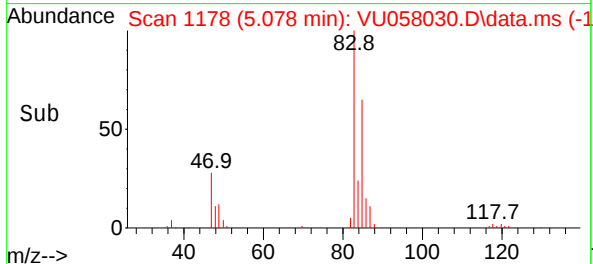
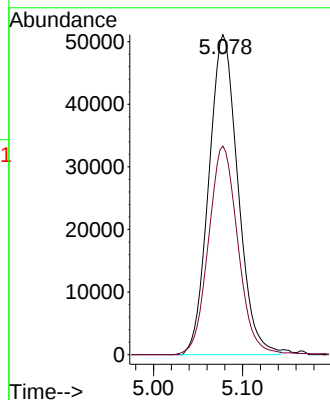
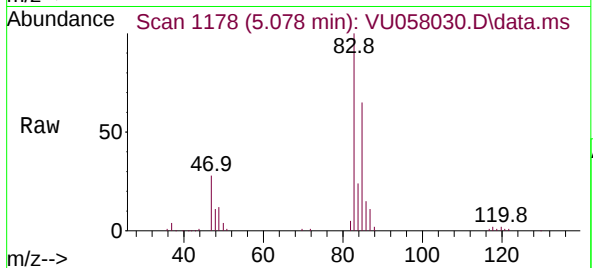
ClientSampleId :

Tgt Ion: 83 Resp: 116023

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.349 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058030.D

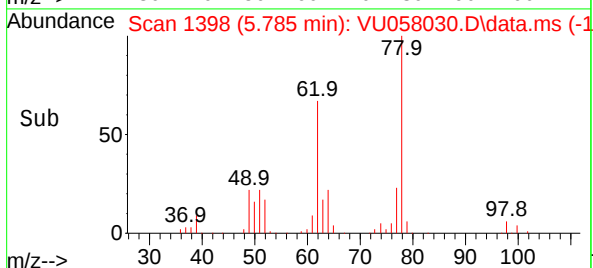
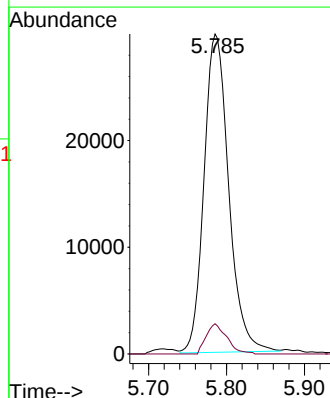
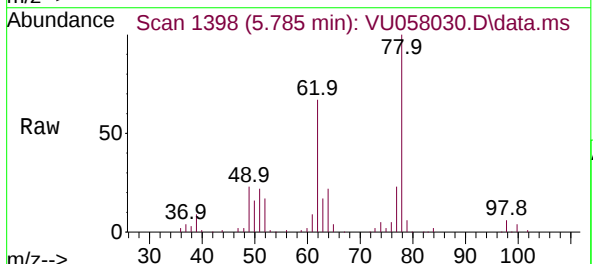
Acq: 11 Mar 2024 09:30

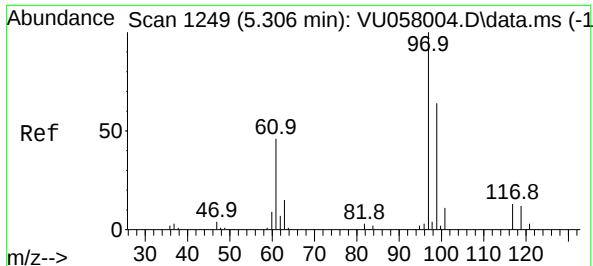
Tgt Ion: 62 Resp: 65562

Ion Ratio Lower Upper

62 100

98 9.4 7.0 10.4

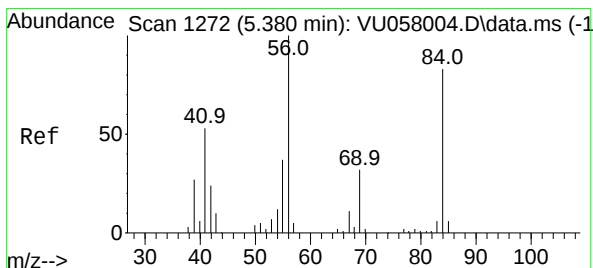
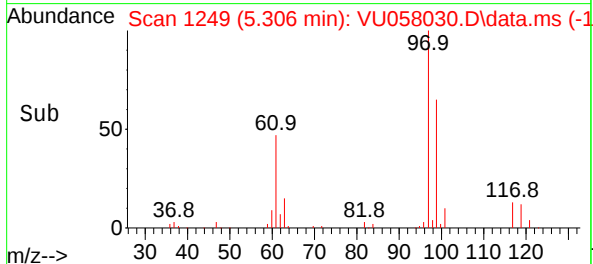
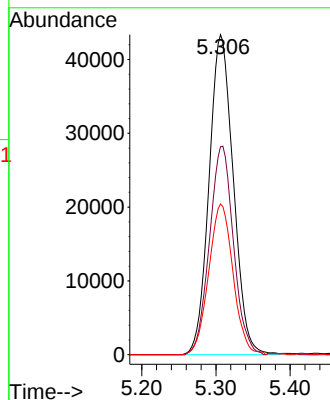
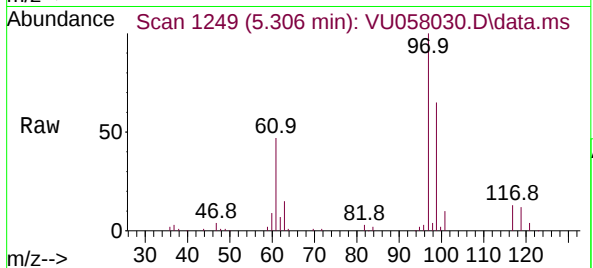




#29
1,1,1-Trichloroethane
Concen: 5.327 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

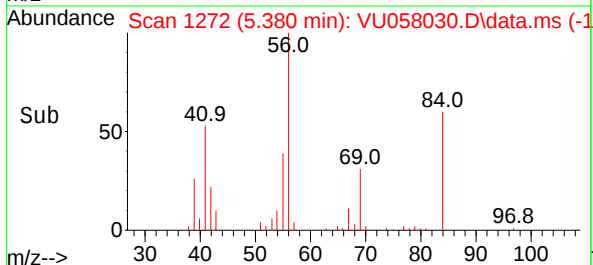
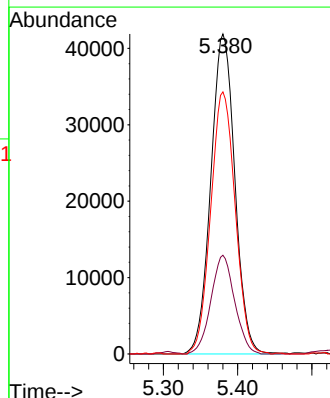
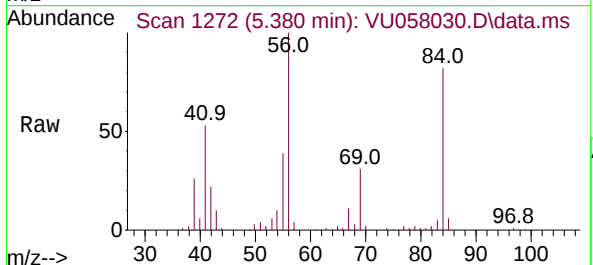
Instrument :
MSVOA_U
ClientSampleId :

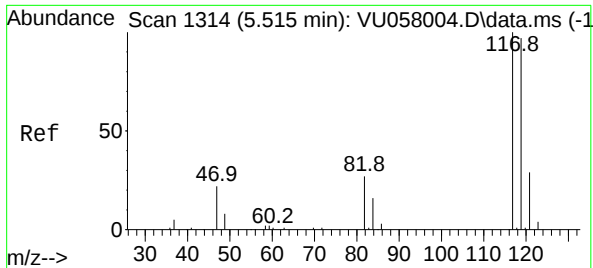
Tgt Ion:	97	Resp:	98241
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	47.3	37.4	56.2



#30
Cyclohexane
Concen: 5.060 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion:	56	Resp:	94218
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.2	36.2
84	83.4	66.6	99.8

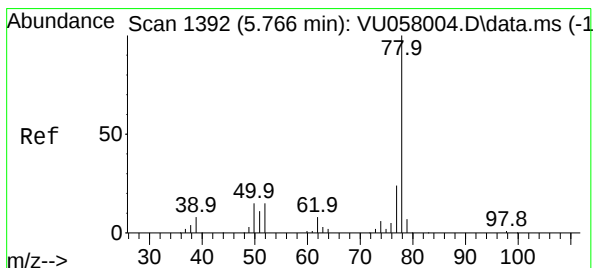
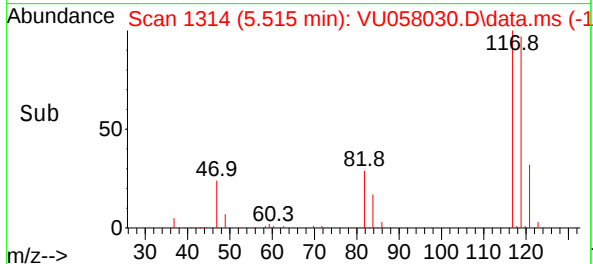
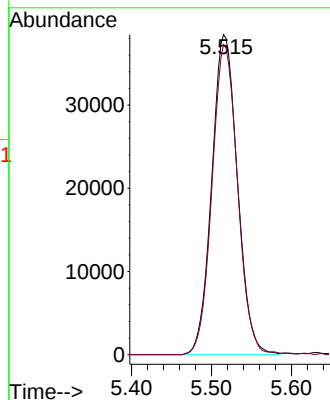
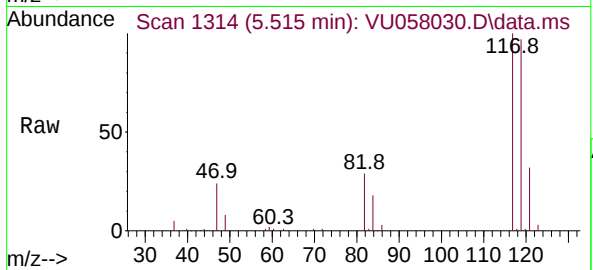




#31
Carbon tetrachloride
Concen: 5.352 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

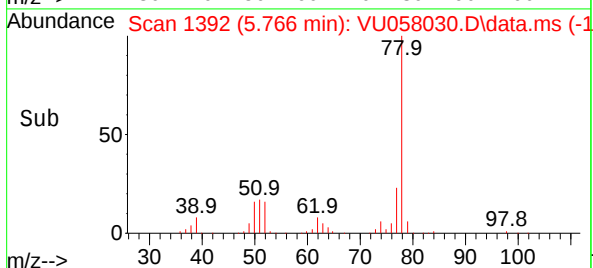
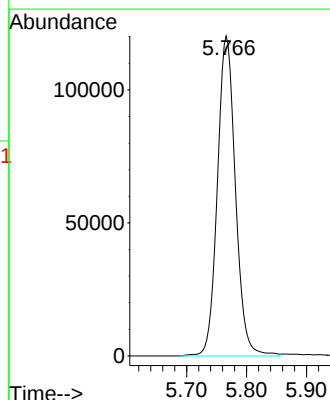
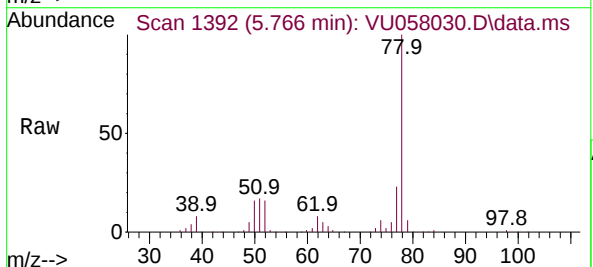
Instrument :
MSVOA_U
ClientSampleId :

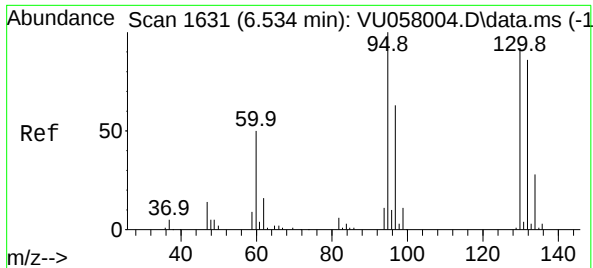
Tgt Ion:117 Resp: 85764
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#33
Benzene
Concen: 5.281 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion: 78 Resp: 251067

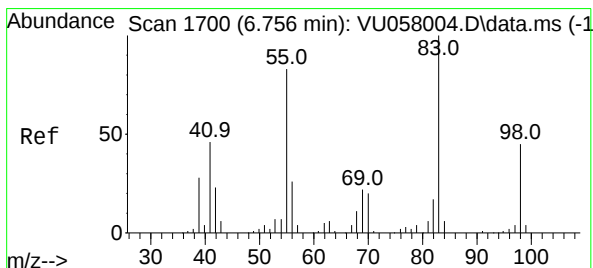
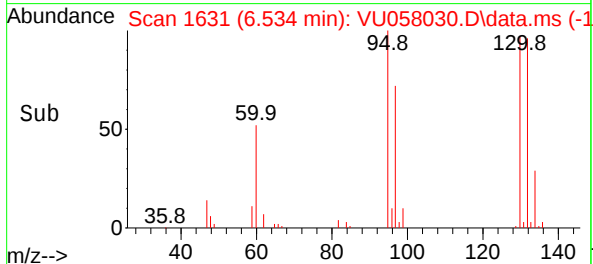
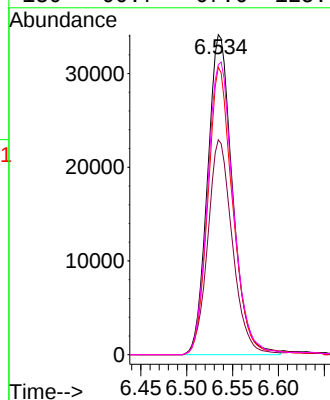
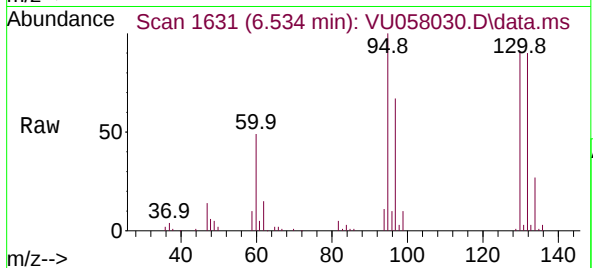




#34
Trichloroethene
Concen: 5.180 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

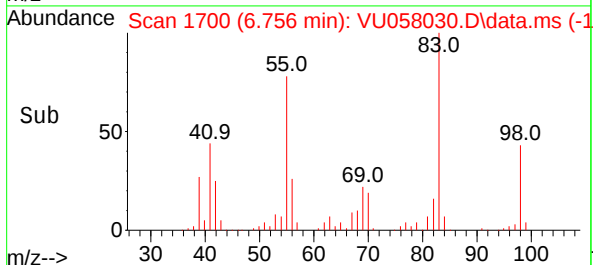
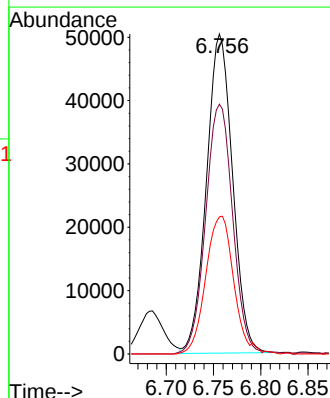
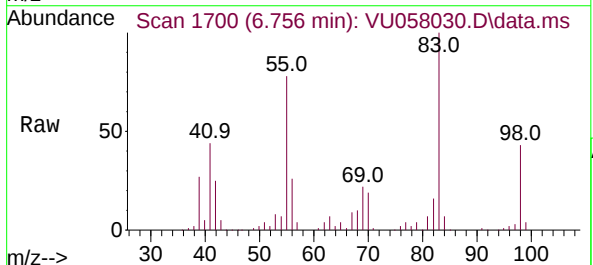
Instrument :
MSVOA_U
ClientSampleId :

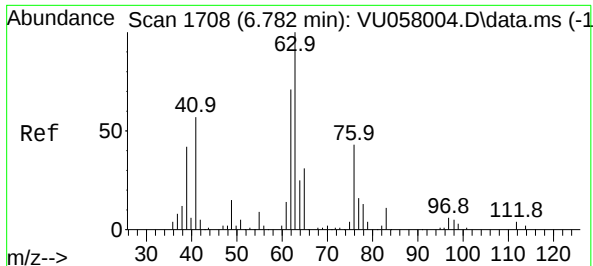
Tgt Ion: 95 Resp: 64803
Ion Ratio Lower Upper
95 100
97 67.1 45.3 84.1
132 89.9 63.1 117.1
130 90.7 67.6 125.6



#35
Methylcyclohexane
Concen: 5.050 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion: 83 Resp: 96829
Ion Ratio Lower Upper
83 100
55 81.4 63.0 94.6
98 46.3 36.2 54.4

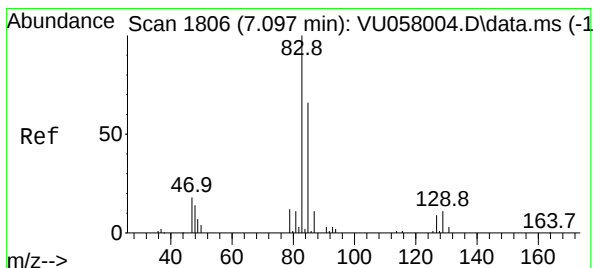
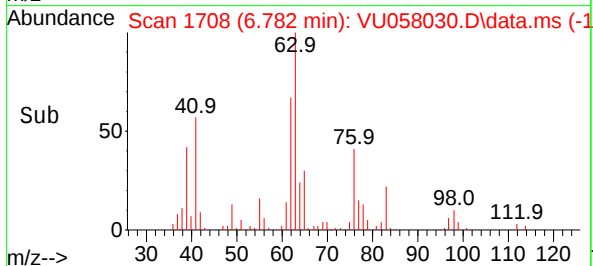
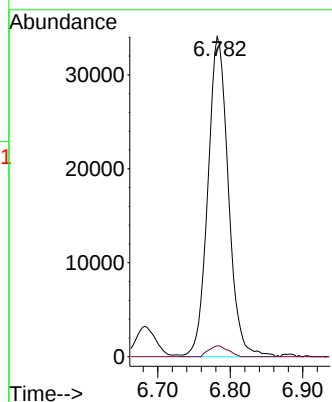
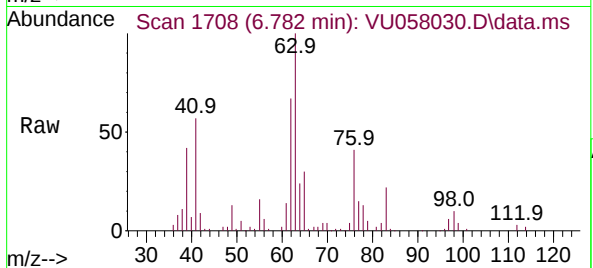




#37
1,2-Dichloropropane
Concen: 5.457 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

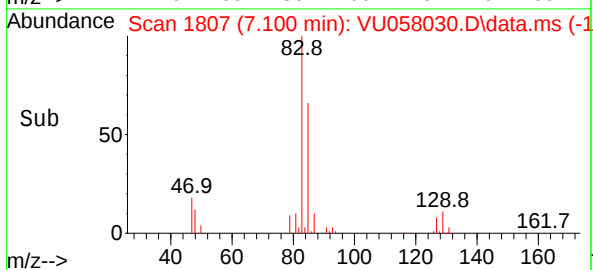
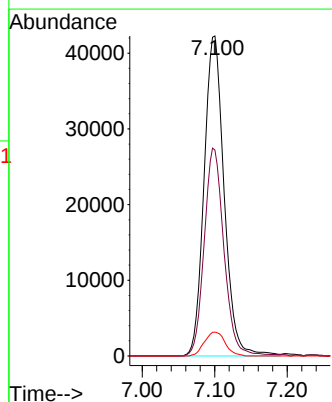
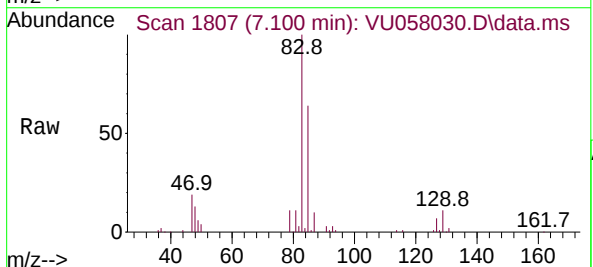
Instrument :
MSVOA_U
ClientSampleId :

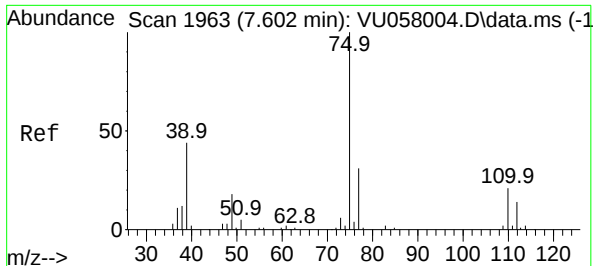
Tgt Ion: 63 Resp: 66903
Ion Ratio Lower Upper
63 100
112 3.2 3.0 4.4



#38
Bromodichloromethane
Concen: 5.465 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion: 83 Resp: 81285
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 7.5 6.6 9.8

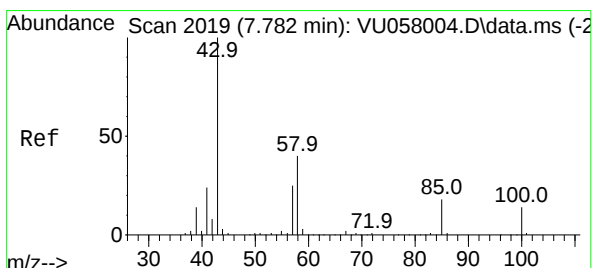
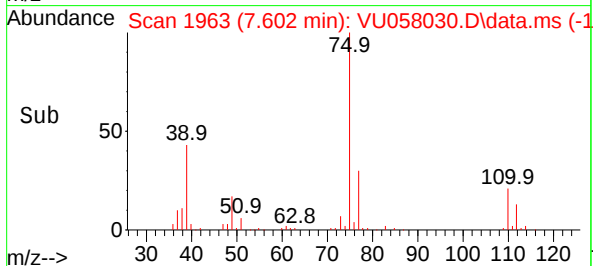
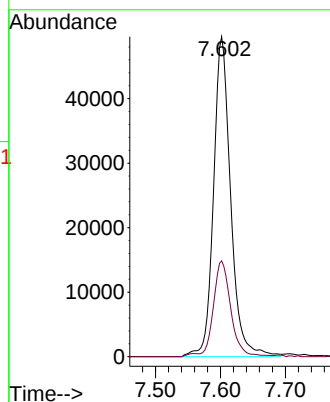
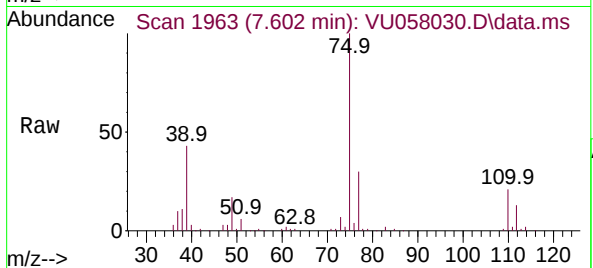




#39
 cis-1,3-Dichloropropene
 Concen: 5.381 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

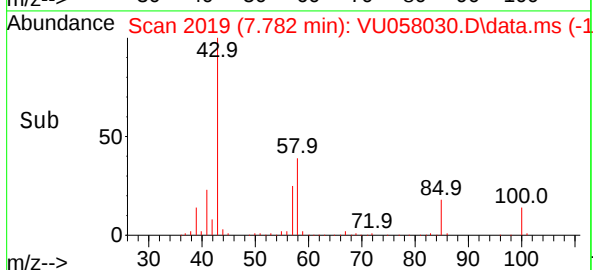
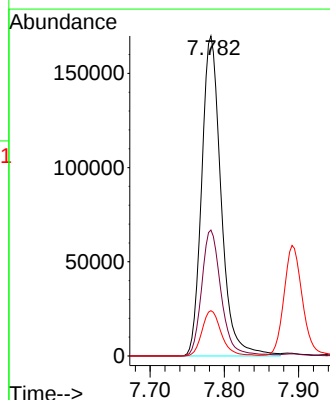
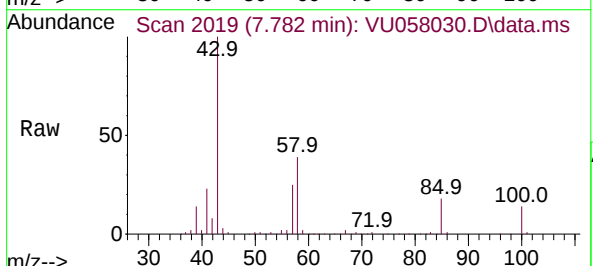
Instrument :
 MSVOA_U
 ClientSampleId :

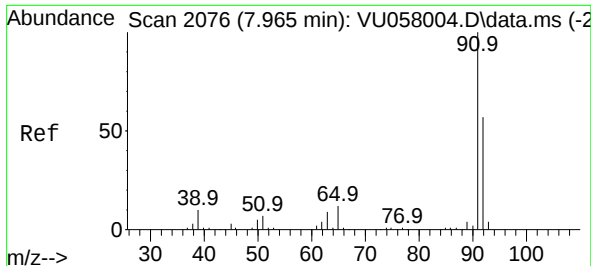
Tgt Ion: 75 Resp: 90893
 Ion Ratio Lower Upper
 75 100
 77 30.0 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 54.723 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Tgt Ion: 43 Resp: 308618
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.7 47.5
 100 14.1 11.3 16.9





#42

Toluene

Concen: 5.326 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

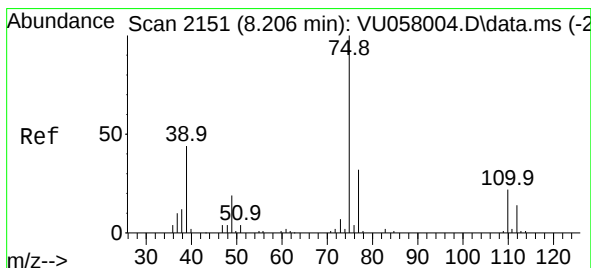
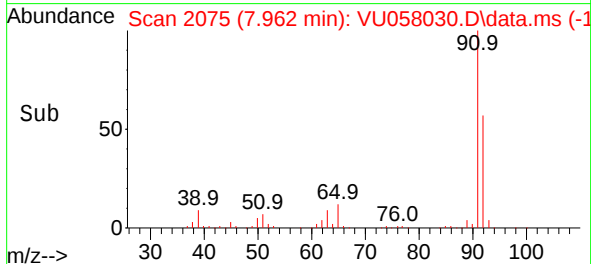
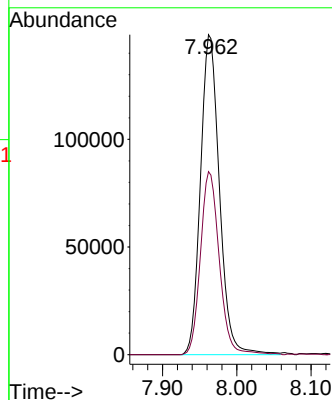
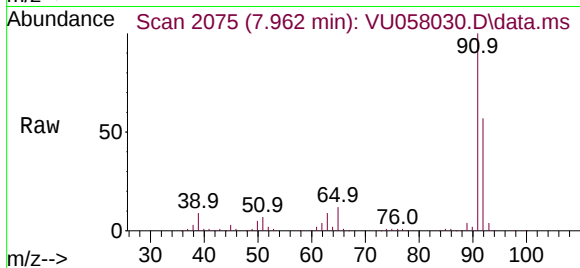
ClientSampleId :

Tgt Ion: 91 Resp: 263693

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.373 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058030.D

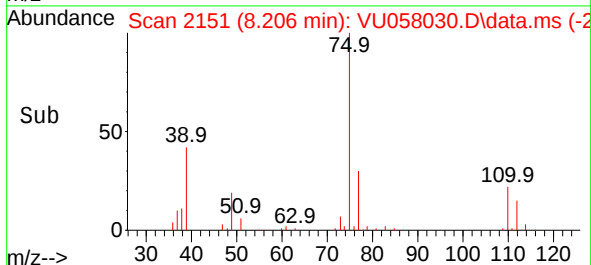
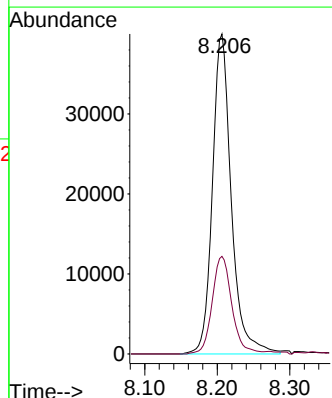
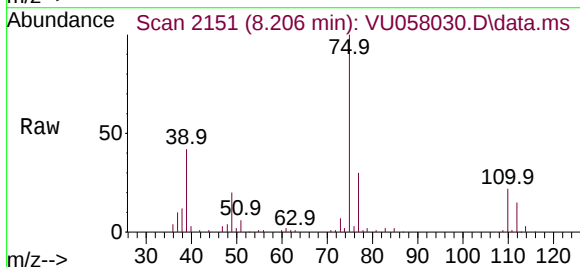
Acq: 11 Mar 2024 09:30

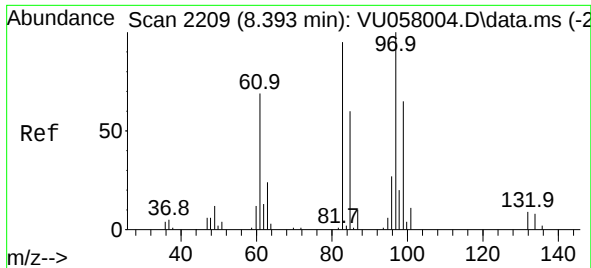
Tgt Ion: 75 Resp: 72327

Ion Ratio Lower Upper

75 100

77 30.5 23.1 42.9

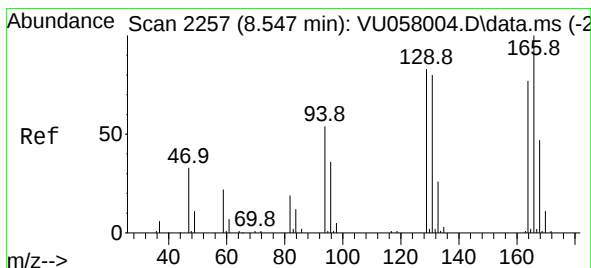
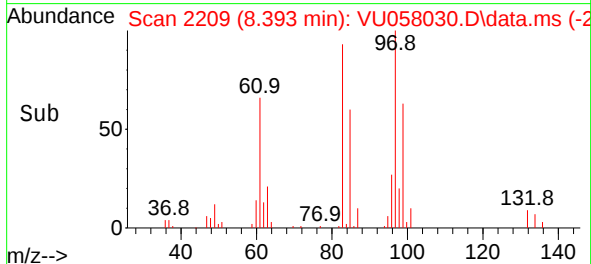
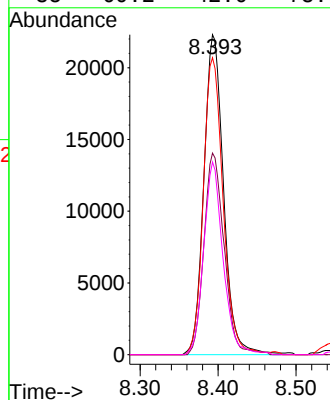
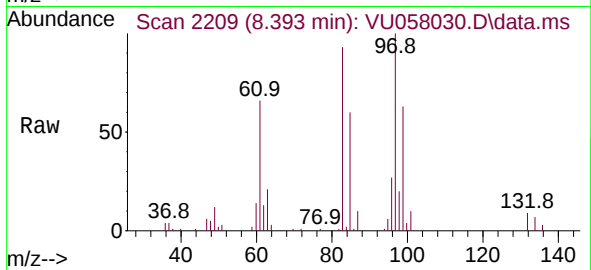




#45
1,1,2-Trichloroethane
Concen: 5.381 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

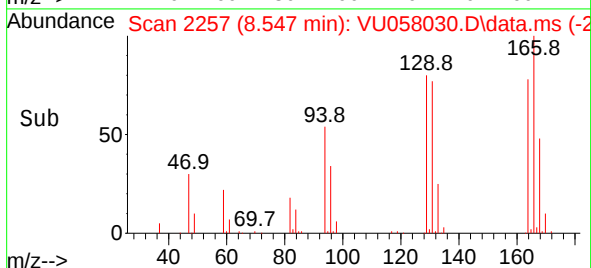
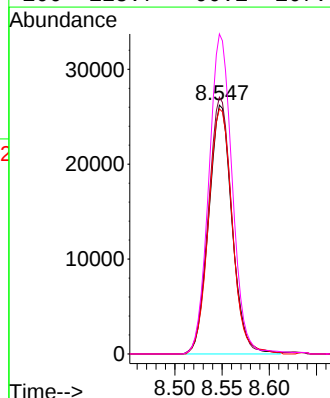
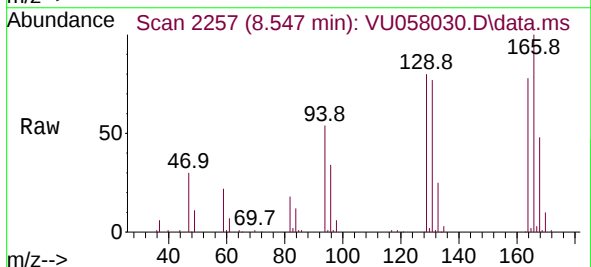
Instrument :
MSVOA_U
ClientSampleId :

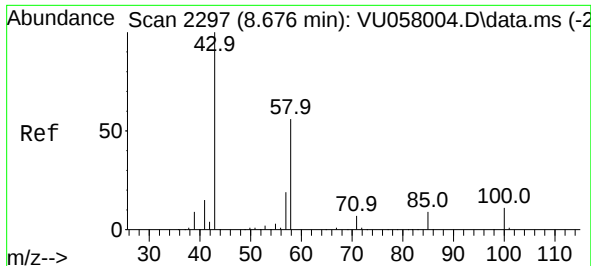
Tgt Ion: 97	Resp: 39113
Ion Ratio	Lower Upper
97 100	
99 63.0	44.2 82.2
83 92.8	64.2 119.2
85 60.2	42.0 78.0



#47
Tetrachloroethene
Concen: 5.201 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt	Ion:164	Resp:	45135
Ion	Ratio	Lower	Upper
164	100		
129	103.2	69.3	128.7
131	98.6	69.9	129.9
166	128.7	90.1	167.3





#48

2-Hexanone

Concen: 53.190 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 219986

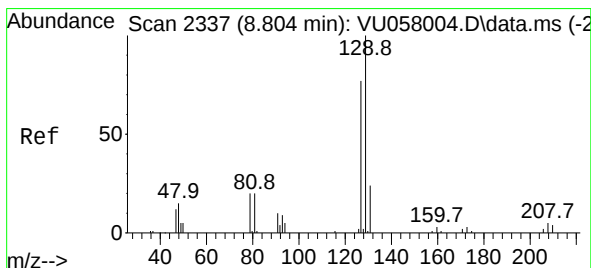
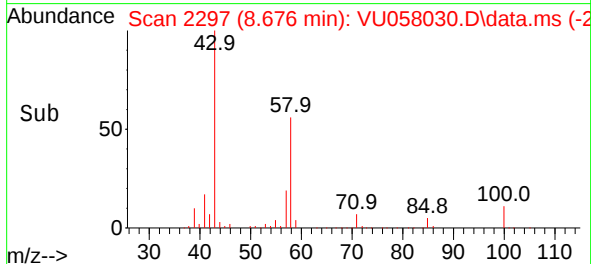
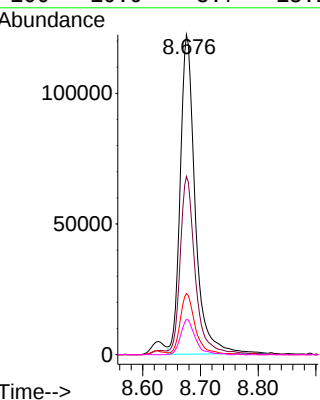
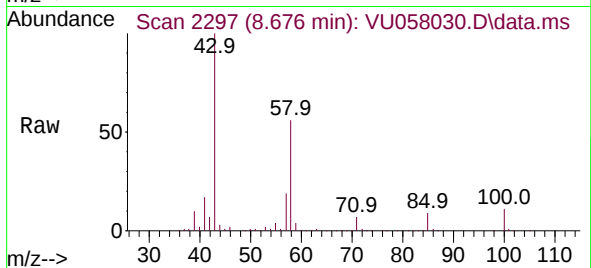
Ion Ratio Lower Upper

43 100

58 53.5 43.3 64.9

57 19.7 15.2 22.8

100 10.9 8.7 13.1



#49

Dibromochloromethane

Concen: 5.549 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058030.D

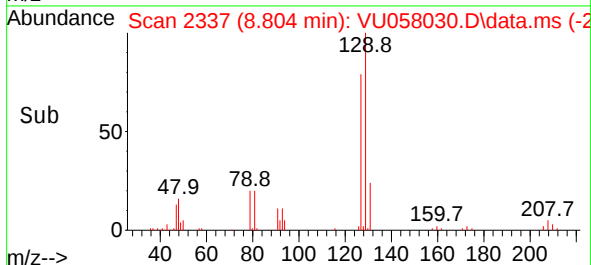
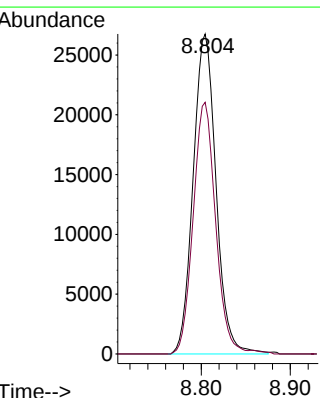
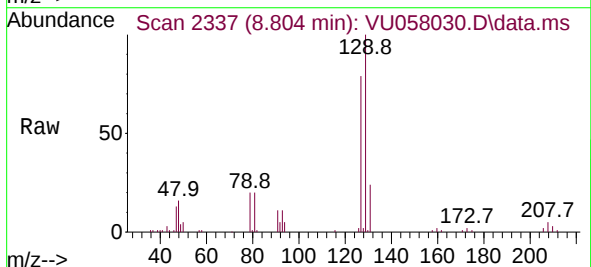
Acq: 11 Mar 2024 09:30

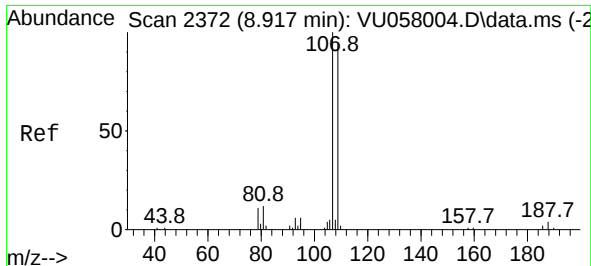
Tgt Ion: 129 Resp: 47747

Ion Ratio Lower Upper

129 100

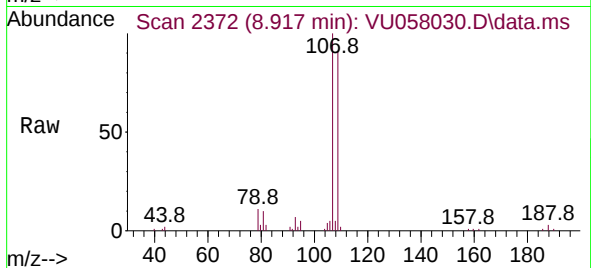
127 78.7 55.2 102.6



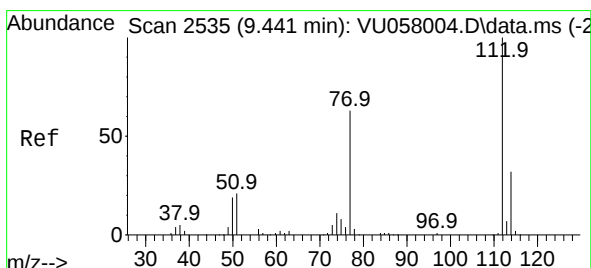
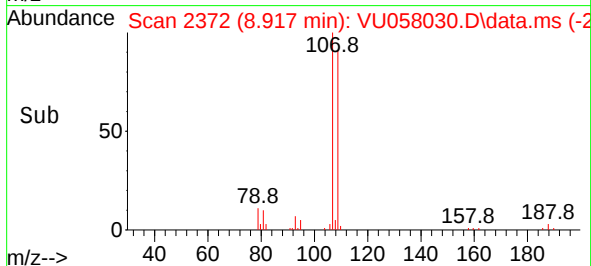
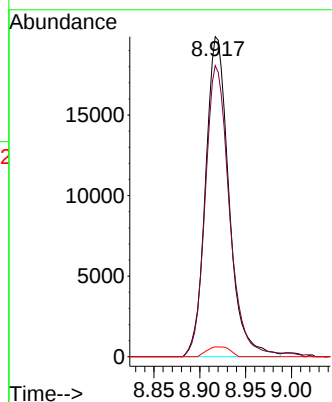


#50
1,2-Dibromoethane
Concen: 5.462 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Instrument :
MSVOA_U
ClientSampleId :

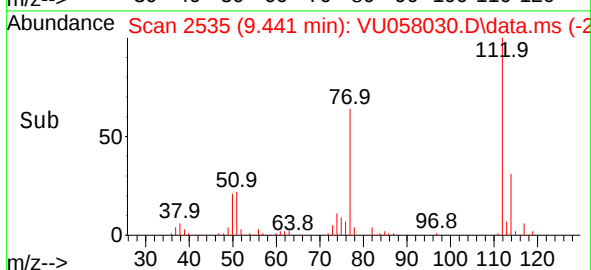
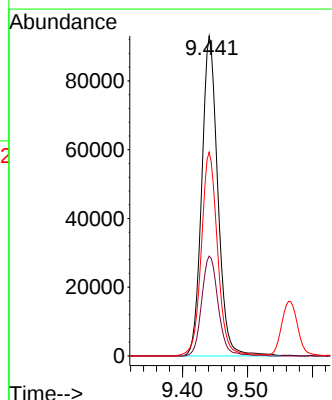
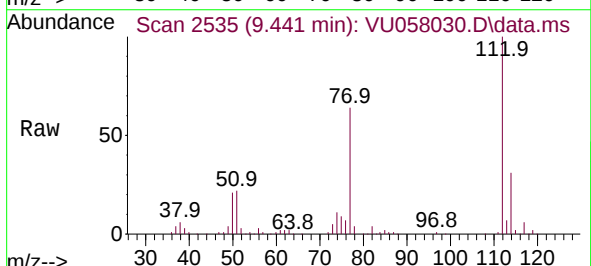


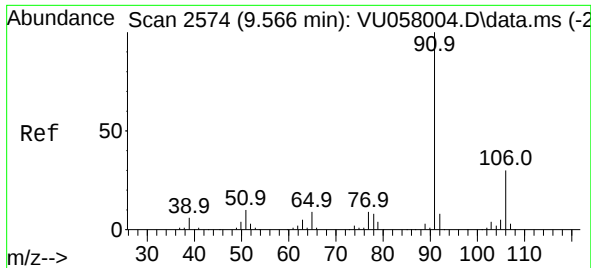
Tgt Ion:107 Resp: 35239
Ion Ratio Lower Upper
107 100
109 90.9 67.8 125.8
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 5.173 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion:112 Resp: 160621
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.1
77 63.7 52.3 78.5

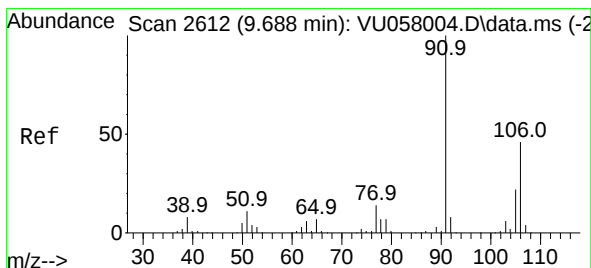
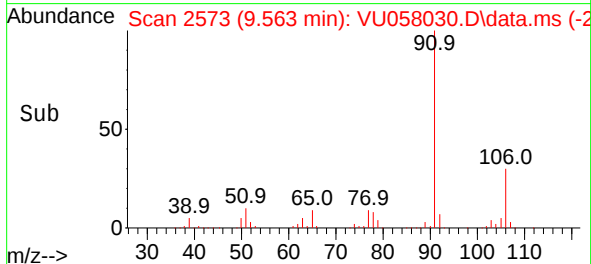
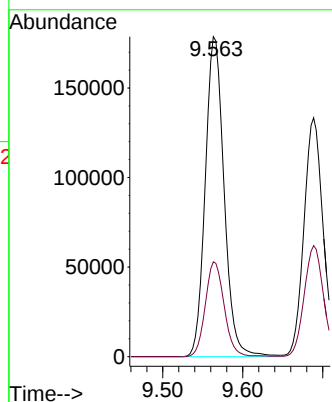
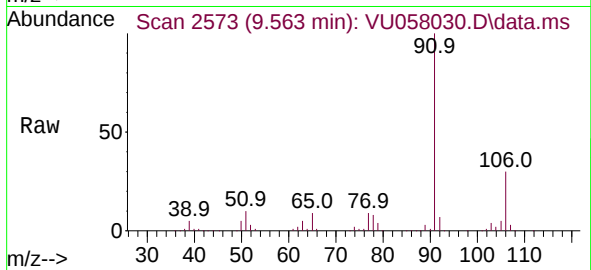




#52
Ethylbenzene
Concen: 5.289 ug/L
RT: 9.563 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

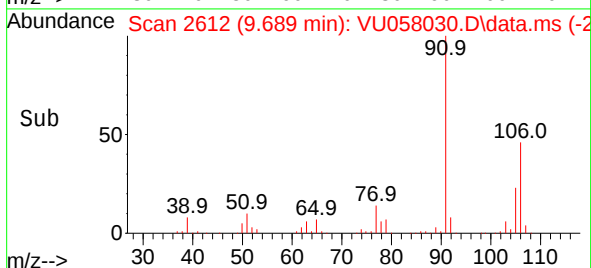
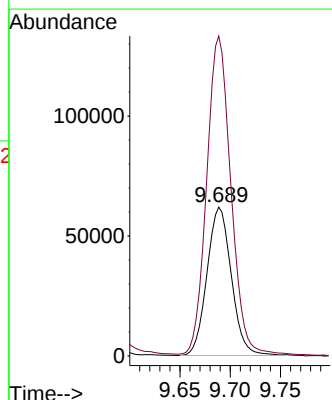
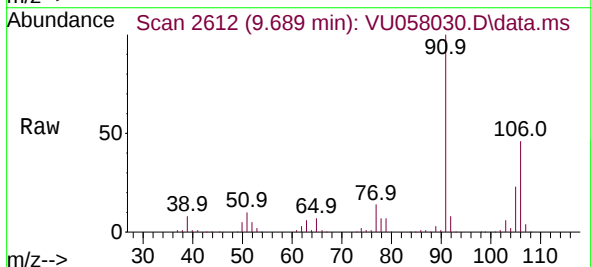
Instrument :
MSVOA_U
ClientSampleId :

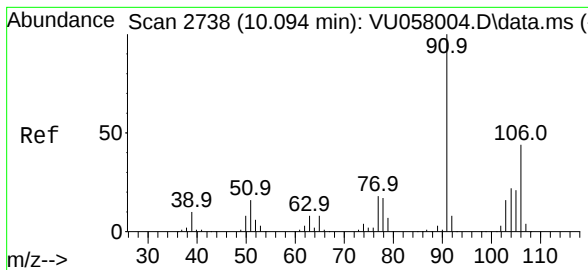
Tgt Ion: 91 Resp: 293068
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.255 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion:106 Resp: 104017
Ion Ratio Lower Upper
106 100
91 215.1 148.8 276.4

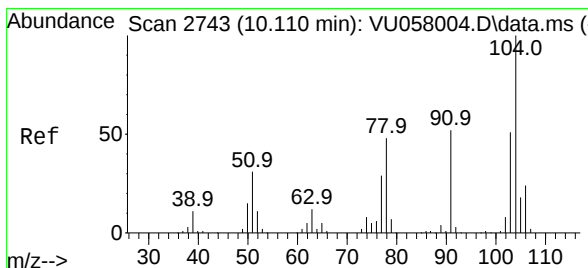
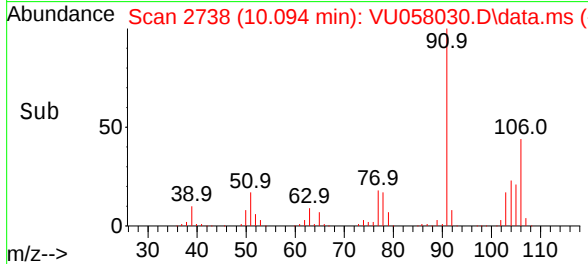
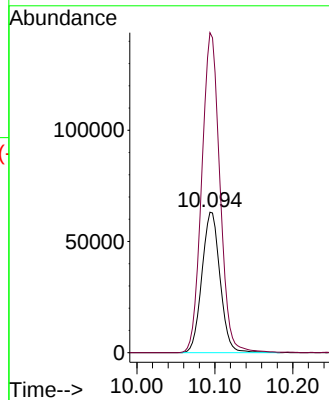
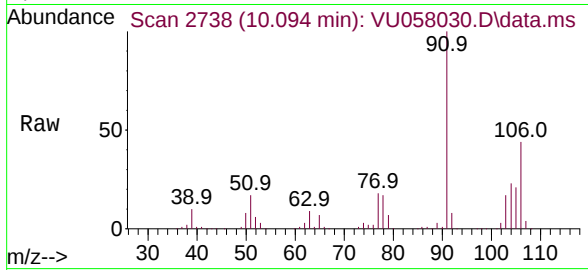




#54
o-Xylene
Concen: 5.187 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

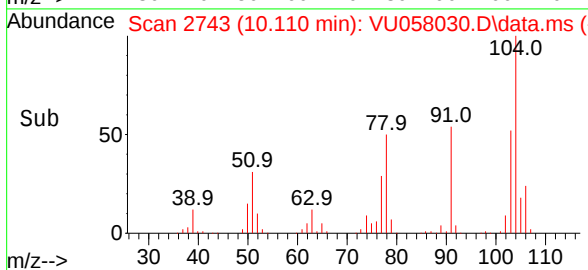
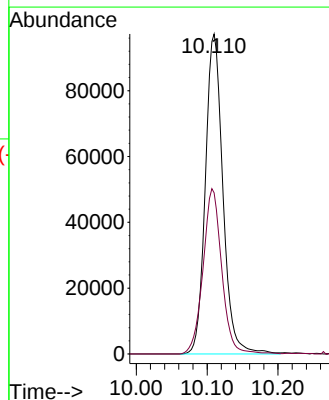
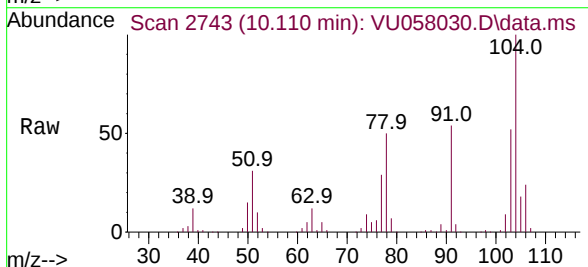
Instrument :
MSVOA_U
ClientSampleId :

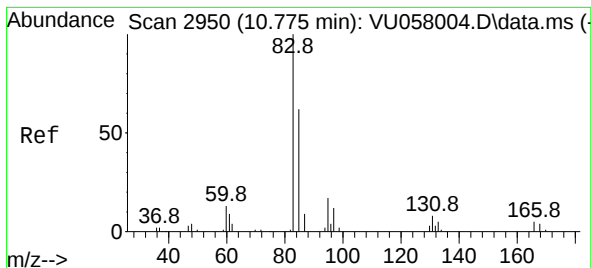
Tgt Ion:106 Resp: 102344
Ion Ratio Lower Upper
106 100
91 227.8 158.3 294.1



#55
Styrene
Concen: 5.405 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

Tgt Ion:104 Resp: 167379
Ion Ratio Lower Upper
104 100
78 50.3 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.537 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

ClientSampleId :

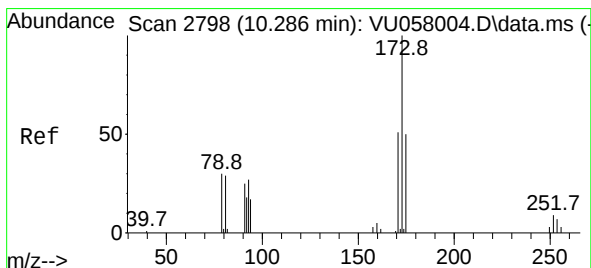
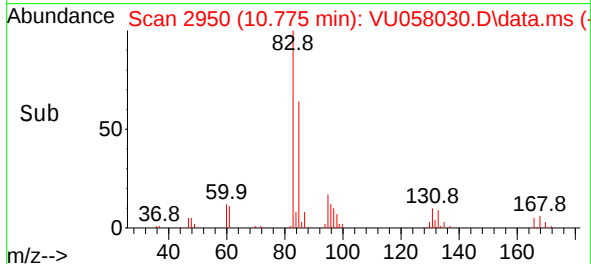
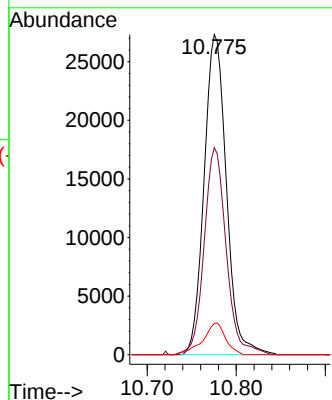
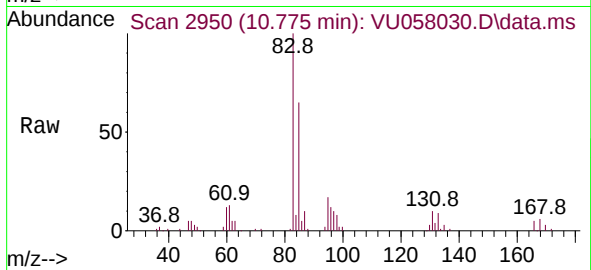
Tgt Ion: 83 Resp: 47418

Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.6

131 9.8 6.9 10.3



#59

Bromoform

Concen: 5.666 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

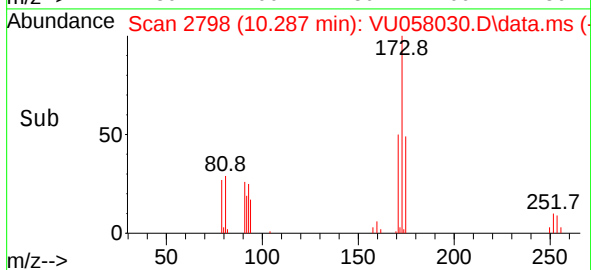
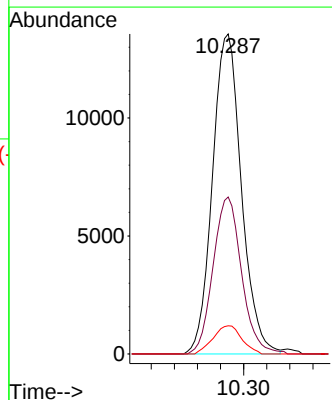
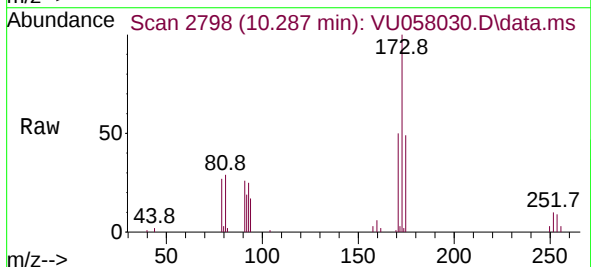
Tgt Ion:173 Resp: 23615

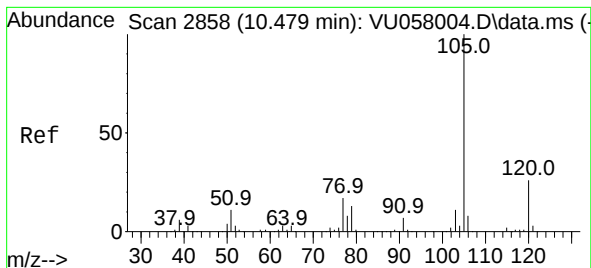
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 8.7 7.3 10.9





#60

Isopropylbenzene

Concen: 5.436 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

ClientSampleId :

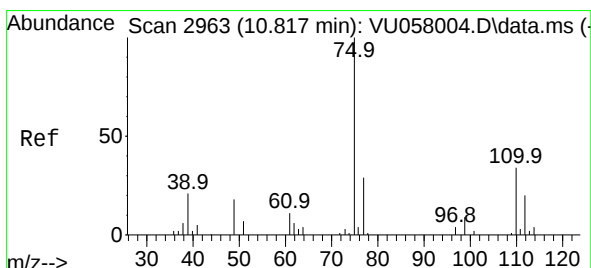
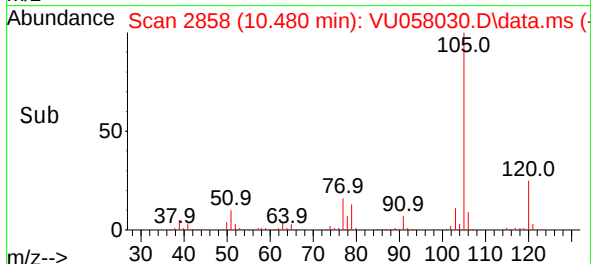
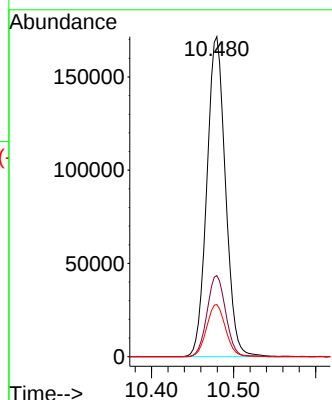
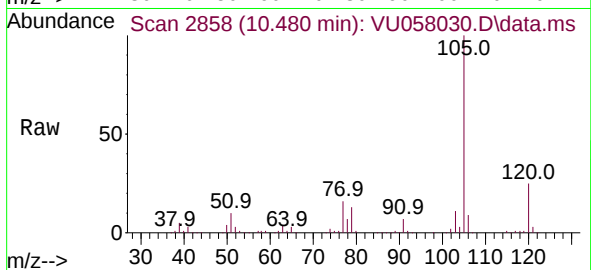
Tgt Ion:105 Resp: 270539

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.563 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

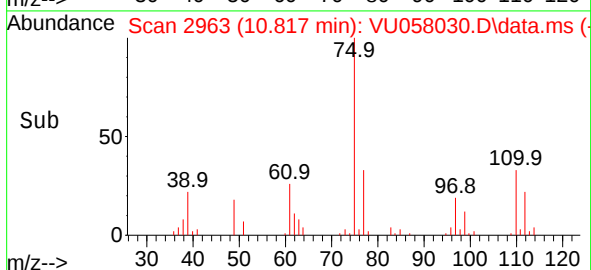
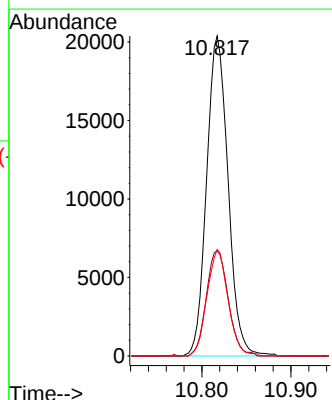
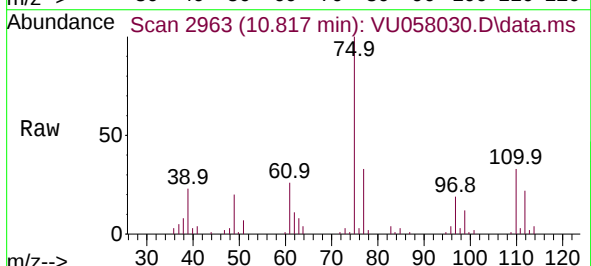
Tgt Ion: 75 Resp: 34050

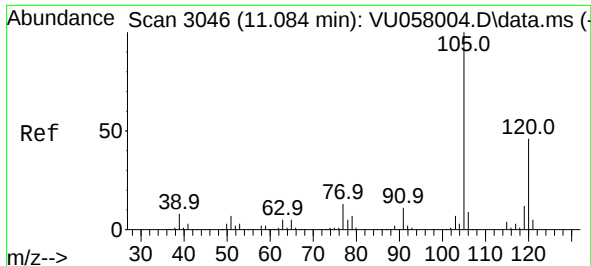
Ion Ratio Lower Upper

75 100

110 33.6 28.0 42.0

77 32.7 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.395 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

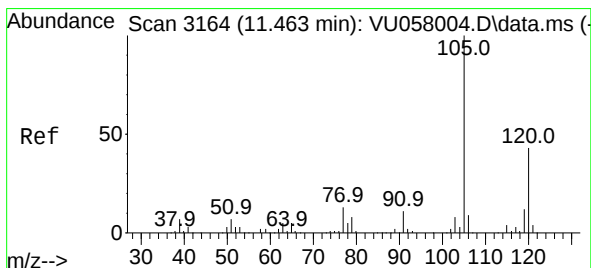
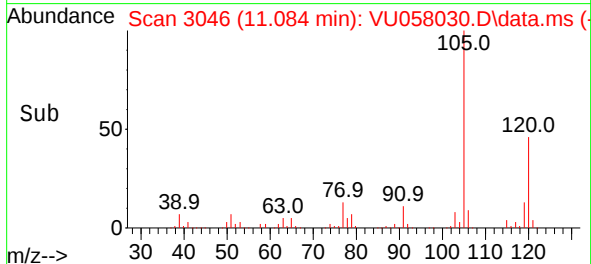
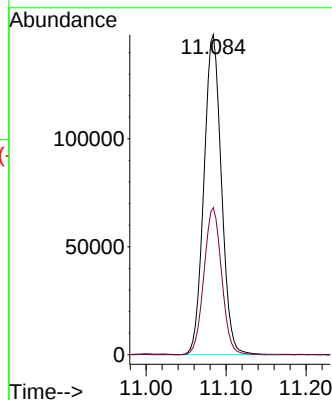
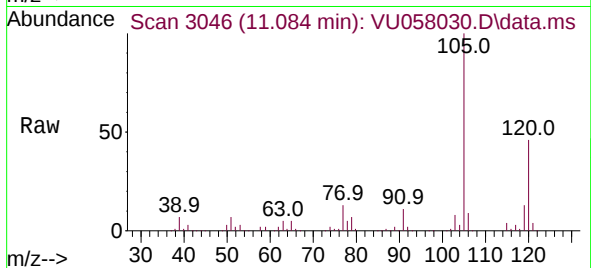
ClientSampleId :

Tgt Ion:105 Resp: 226453

Ion Ratio Lower Upper

105 100

120 46.4 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.469 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058030.D

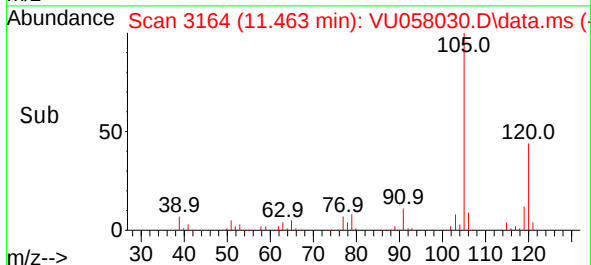
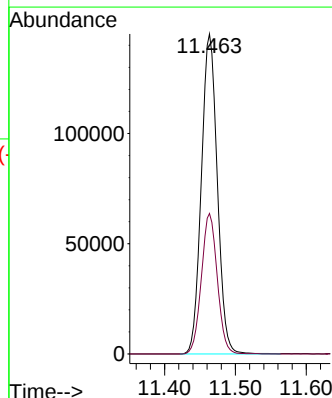
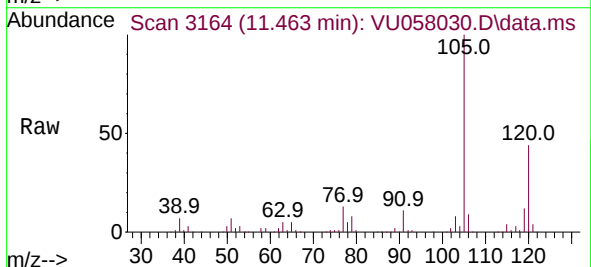
Acq: 11 Mar 2024 09:30

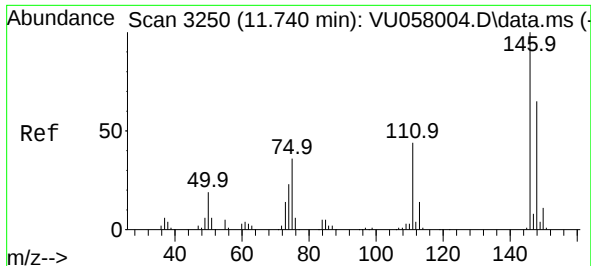
Tgt Ion:105 Resp: 226546

Ion Ratio Lower Upper

105 100

120 43.7 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.353 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

ClientSampleId :

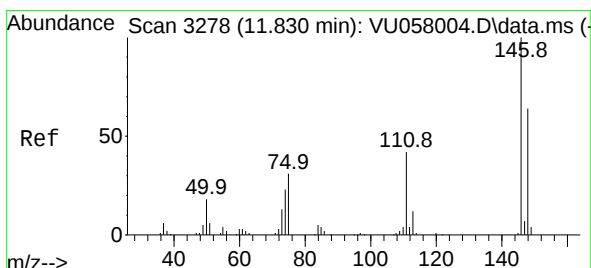
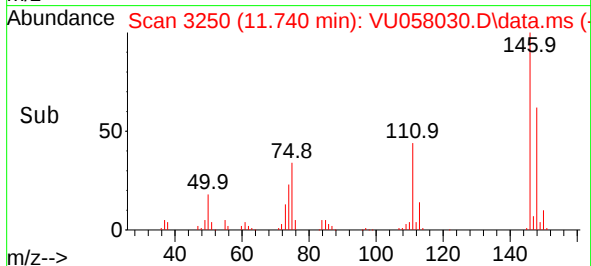
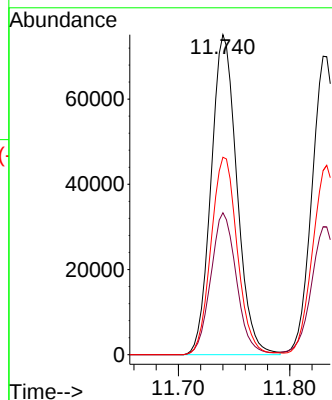
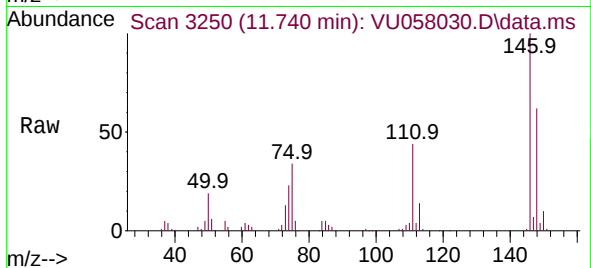
Tgt Ion:146 Resp: 121091

Ion Ratio Lower Upper

146 100

111 44.4 30.9 57.5

148 61.7 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.283 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

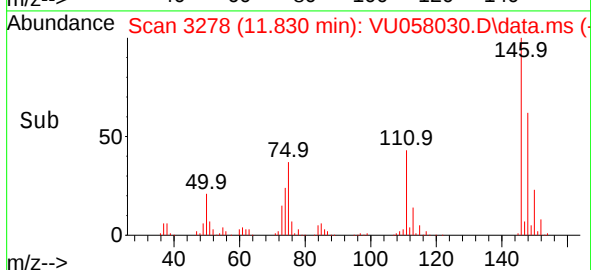
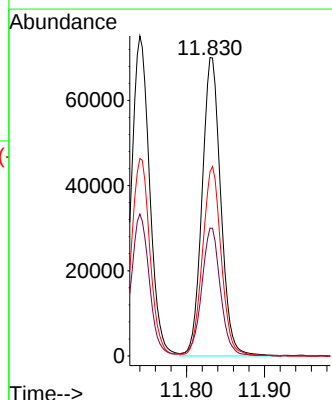
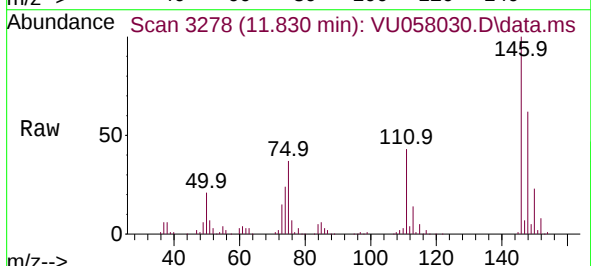
Tgt Ion:146 Resp: 116971

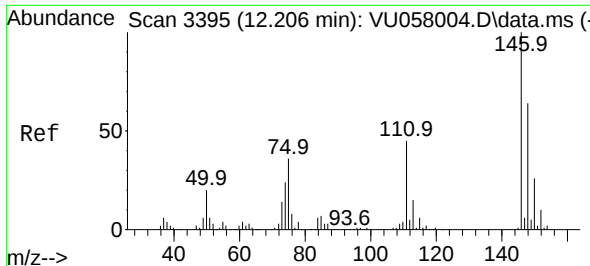
Ion Ratio Lower Upper

146 100

111 42.9 30.1 55.9

148 61.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.335 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

Instrument :

MSVOA_U

ClientSampleId :

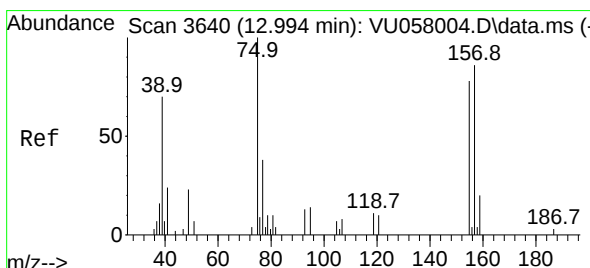
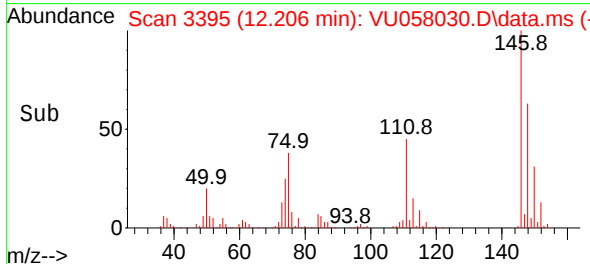
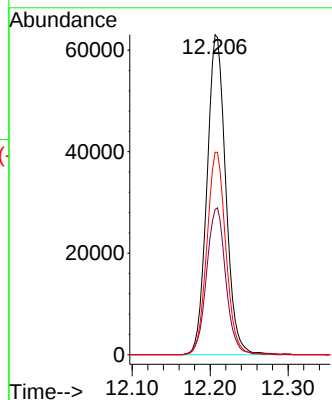
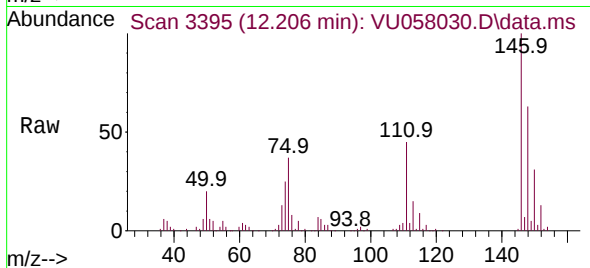
Tgt Ion:146 Resp: 105360

Ion Ratio Lower Upper

146 100

111 45.4 37.4 56.0

148 63.3 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.460 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU058030.D

Acq: 11 Mar 2024 09:30

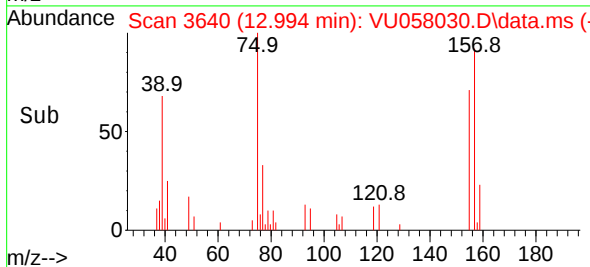
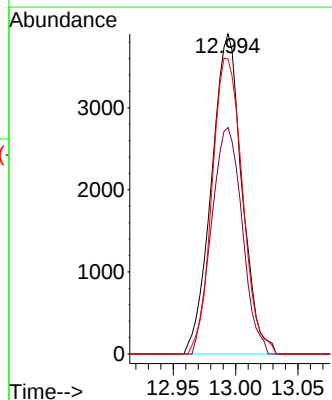
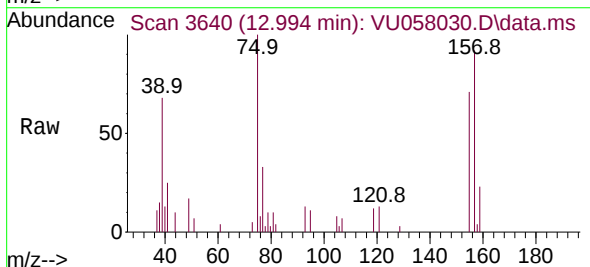
Tgt Ion: 75 Resp: 6631

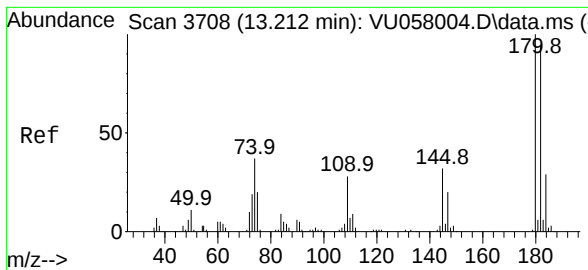
Ion Ratio Lower Upper

75 100

155 70.7 61.0 91.6

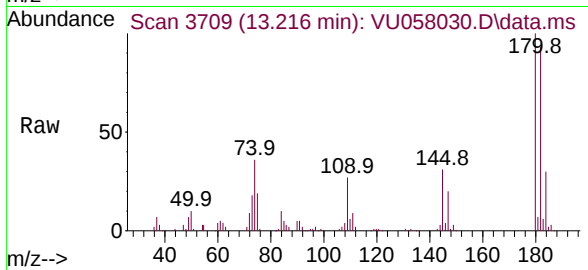
157 92.2 74.6 112.0



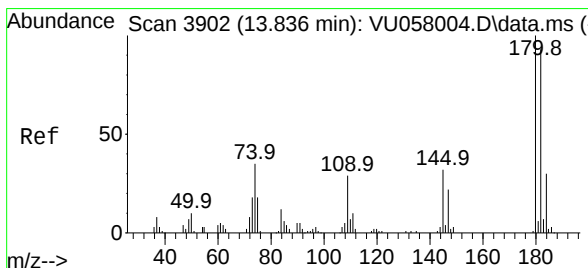
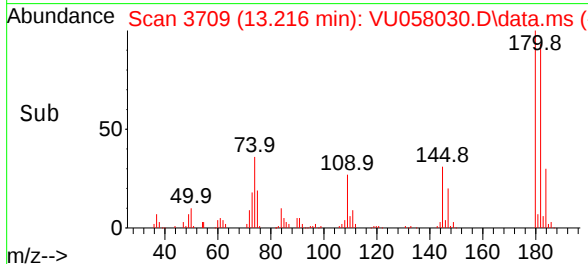
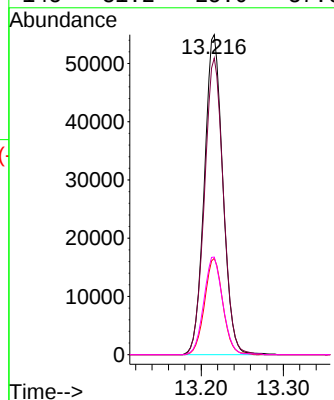


#69
 1,3,5-Trichlorobenzene
 Concen: 5.284 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

Instrument :
 MSVOA_U
 ClientSampleId :

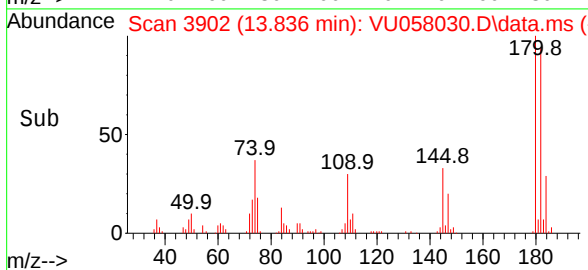
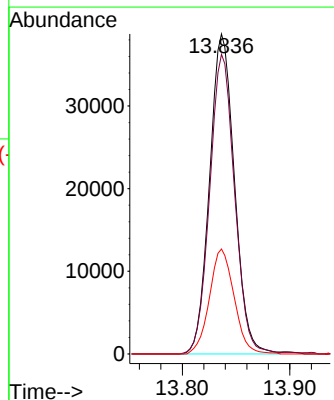
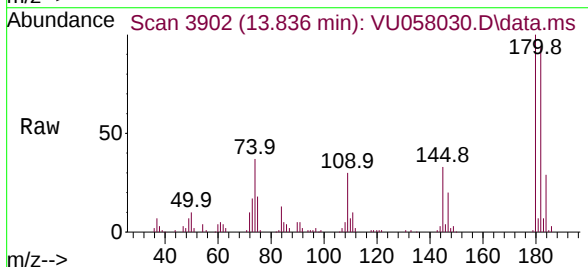


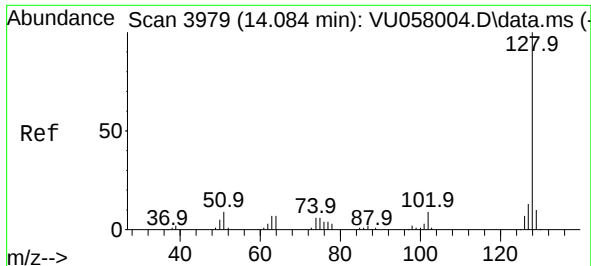
Tgt Ion:180 Resp: 85977
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.3 114.5
 184 29.7 24.6 36.8
 145 31.2 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.087 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU058030.D
 Acq: 11 Mar 2024 09:30

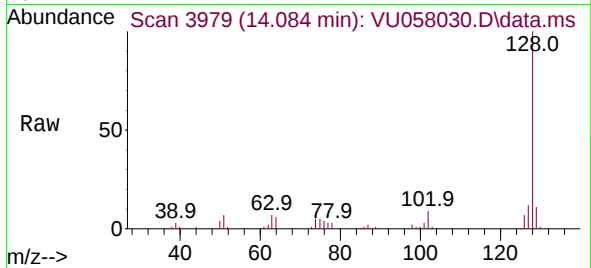
Tgt Ion:180 Resp: 62198
 Ion Ratio Lower Upper
 180 100
 182 93.6 77.9 116.9
 145 32.5 25.8 38.8



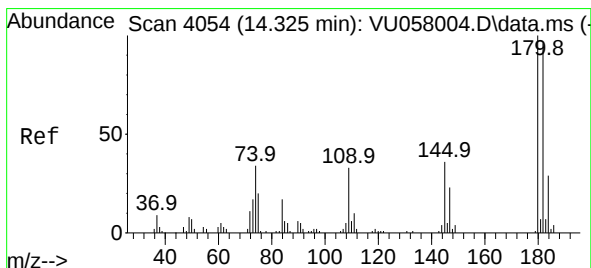
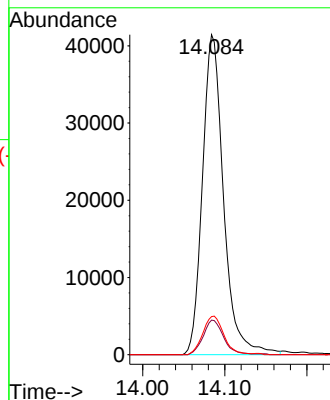
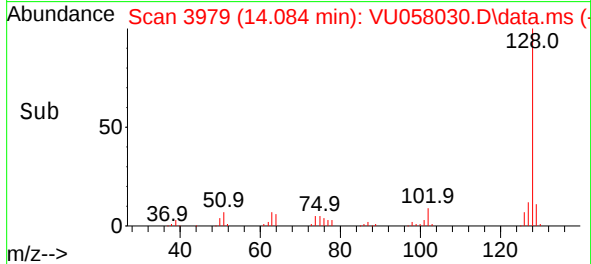


#71
Naphthalene
Concen: 4.442 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30

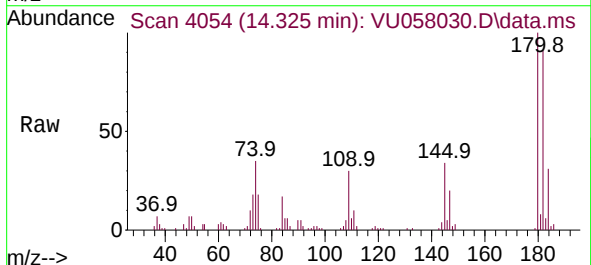
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 74174
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.971 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058030.D
Acq: 11 Mar 2024 09:30



Tgt Ion:180 Resp: 48009
Ion Ratio Lower Upper
180 100
182 92.9 77.6 116.4
145 34.3 28.7 43.1

