

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058843.D
 Acq On : 07 May 2024 15:00
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 04:54:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66806	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	17338	3.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.904	69	13493	3.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.557	65	9985	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.608	46	43197	46.788	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.580%
24) Chloroform-d	5.052	84	55146	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.692	65	26853	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	90181	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	24964	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.891	98	82198	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	10502	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.624	63	31348	48.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18078	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	29931	5.306	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	38615	5.278	ug/L	100
3) Chloromethane	1.512	50	24596	4.294	ug/L	99
5) Vinyl chloride	1.596	62	24140	4.154	ug/L	95
6) Bromomethane	1.846	94	14579	4.240	ug/L	92
8) Chloroethane	1.924	64	13337	4.075	ug/L	96
9) Trichlorofluoromethane	2.129	101	48740	5.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26775	4.939	ug/L	94
12) 1,1-Dichloroethene	2.570	96	23142	4.757	ug/L	97
13) Acetone	2.608	43	28437	44.565	ug/L	99
14) Carbon disulfide	2.785	76	70380	4.253	ug/L	99
15) Methyl Acetate	2.940	43	6780	4.432	ug/L	99
16) Methylene chloride	3.033	84	24391	4.659	ug/L	91
17) Methyl tert-butyl Ether	3.348	73	53624	4.869	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	24190	4.964	ug/L	92
19) 1,1-Dichloroethane	3.856	63	46419	4.498	ug/L	96
21) 2-Butanone	4.689	43	38451	38.320	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	25428	4.750	ug/L	95
23) Bromochloromethane	4.962	128	10768	5.138	ug/L	83
25) Chloroform	5.078	83	54051	5.039	ug/L	95

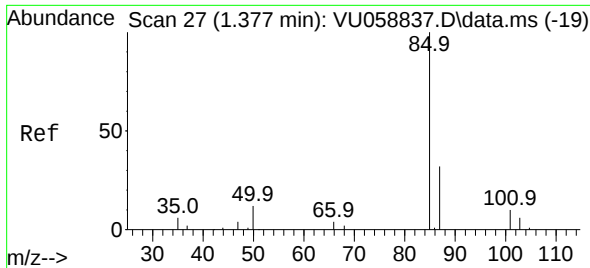
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 04:54:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	33527	5.225	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	53518	5.673	ug/L	98
30) Cyclohexane	5.377	56	36653	4.116	ug/L	87
31) Carbon tetrachloride	5.515	117	48799	5.853	ug/L	100
33) Benzene	5.766	78	102630	4.694	ug/L	100
34) Trichloroethene	6.534	95	30016	5.045	ug/L	98
35) Methylcyclohexane	6.756	83	42453	4.695	ug/L	94
37) 1,2-Dichloropropane	6.782	63	24257	4.247	ug/L #	97
38) Bromodichloromethane	7.097	83	36346	5.136	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	36994	4.678	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	103708	41.136	ug/L	98
42) Toluene	7.962	91	110576	4.893	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	30813	5.061	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15549	4.731	ug/L	99
47) Tetrachloroethene	8.547	164	24240	5.805	ug/L	96
48) 2-Hexanone	8.676	43	71560	39.957	ug/L #	96
49) Dibromochloromethane	8.804	129	21527	5.593	ug/L	92
50) 1,2-Dibromoethane	8.917	107	14453	4.780	ug/L	100
51) Chlorobenzene	9.441	112	69506	5.048	ug/L	98
52) Ethylbenzene	9.566	91	125748	5.045	ug/L	99
53) m,p-Xylene	9.688	106	47887	5.231	ug/L	97
54) o-Xylene	10.094	106	45972	5.297	ug/L	94
55) Styrene	10.110	104	75615	5.348	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	16785	4.382	ug/L #	96
59) Bromoform	10.287	173	11915	5.257	ug/L	98
60) Isopropylbenzene	10.479	105	130963	5.101	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13066	4.436	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	109292	5.115	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	107551	5.321	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	58082	5.249	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	55882	5.176	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	49958	5.215	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	2820	5.540	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	44322	5.599	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	30273	5.501	ug/L	100
71) Naphthalene	14.084	128	34309	5.154	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	24112	5.529	ug/L	97

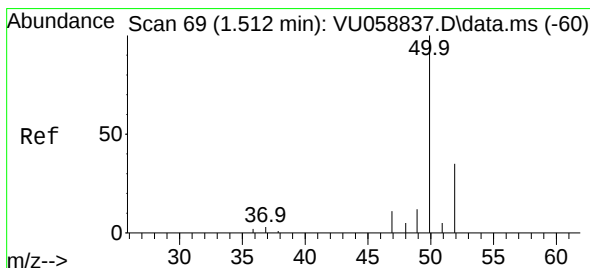
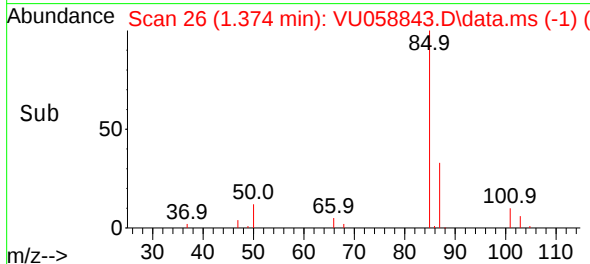
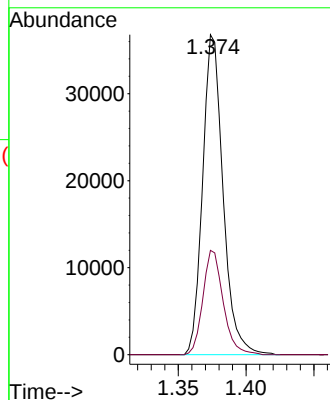
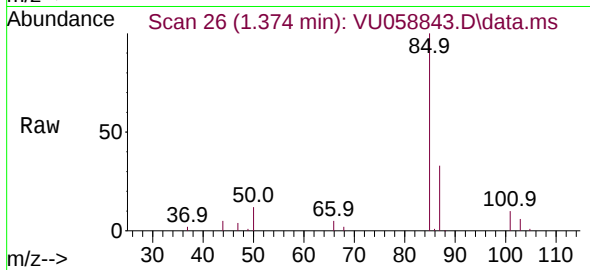
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#2
Dichlorodifluoromethane
Concen: 5.278 ug/L
RT: 1.374 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

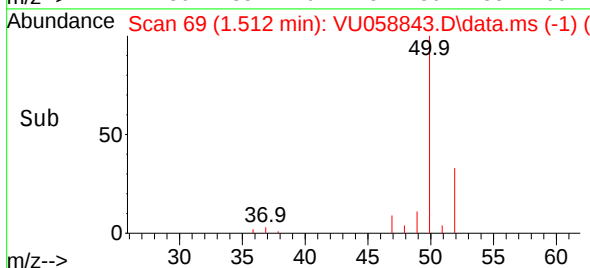
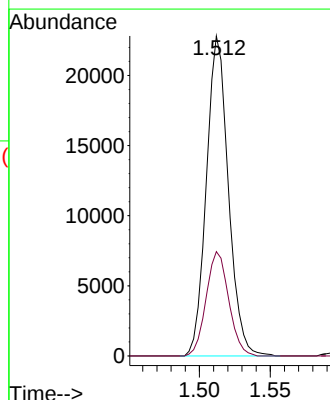
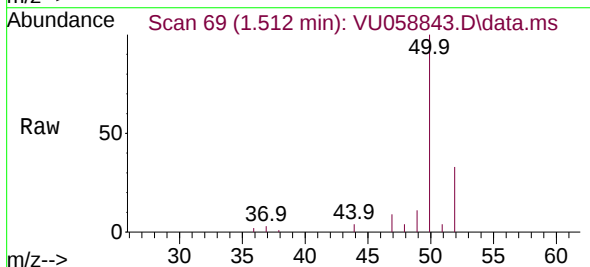
Instrument :
MSVOA_U
ClientSampleId :

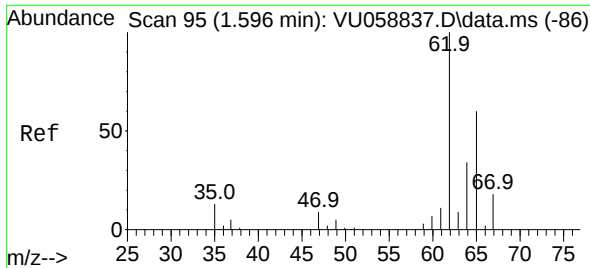
Tgt Ion: 85 Resp: 38615
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 4.294 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

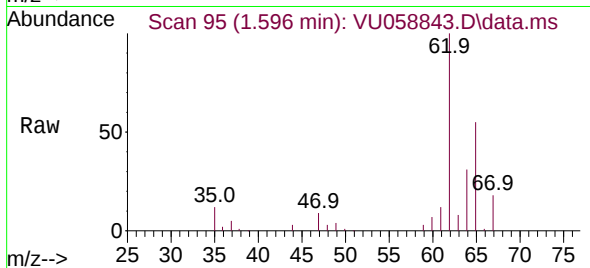
Tgt Ion: 50 Resp: 24596
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8



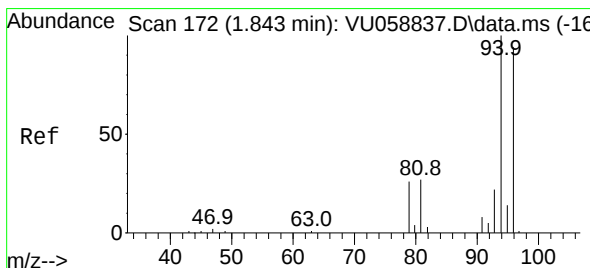
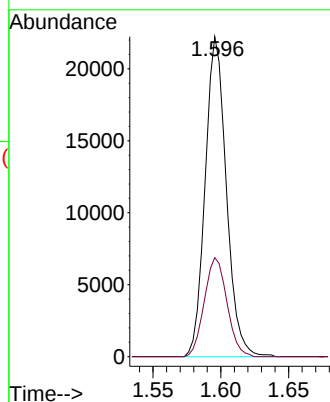
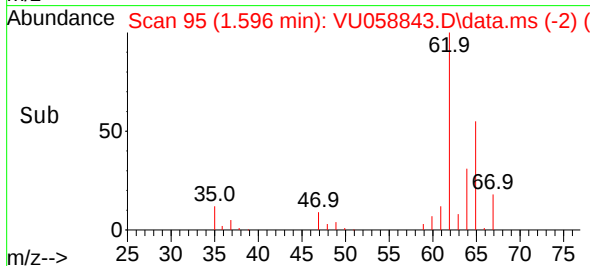


#5
 Vinyl chloride
 Concen: 4.154 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

Instrument :
 MSVOA_U
 ClientSampleId :

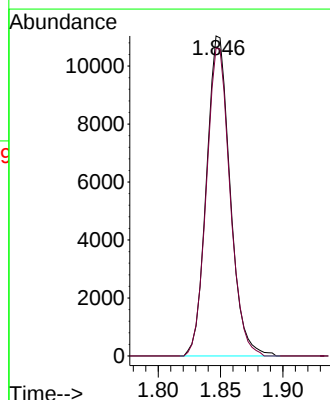
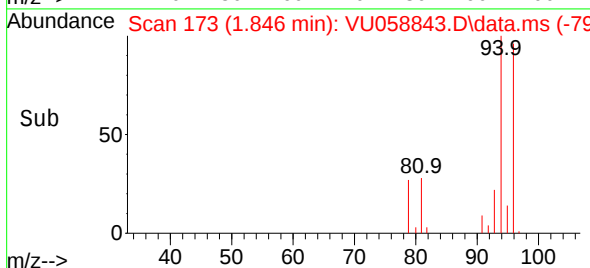
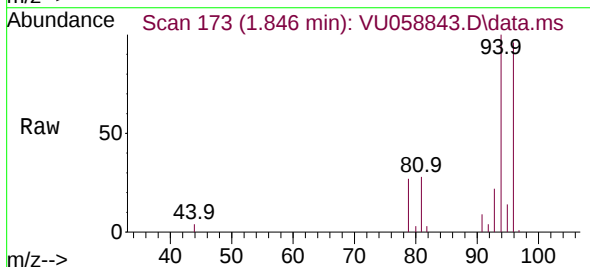


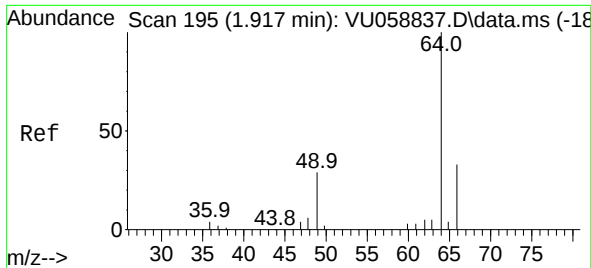
Tgt Ion: 62 Resp: 24140
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.8 44.2



#6
 Bromomethane
 Concen: 4.240 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

Tgt Ion: 94 Resp: 14579
 Ion Ratio Lower Upper
 94 100
 96 96.2 62.2 115.6

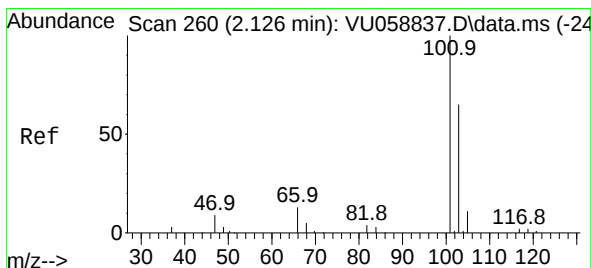
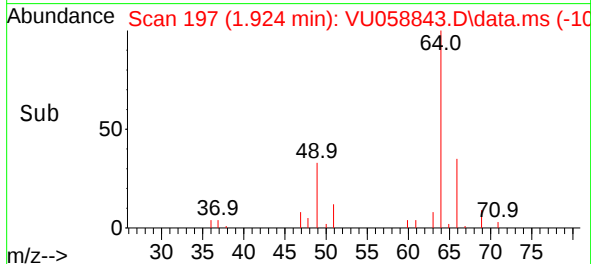
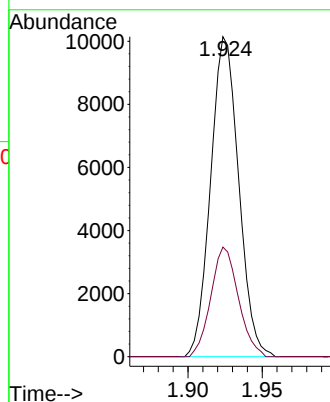
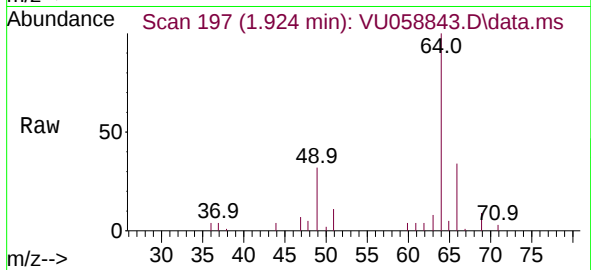




#8
Chloroethane
Concen: 4.075 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.006 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

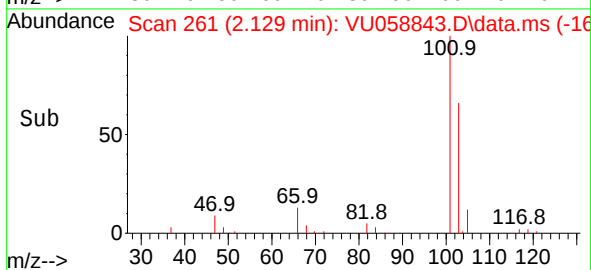
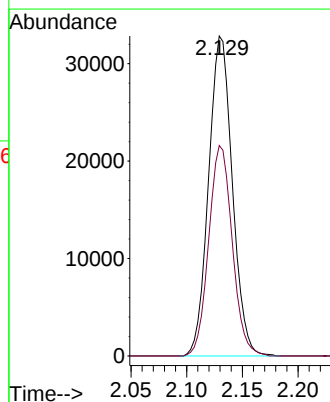
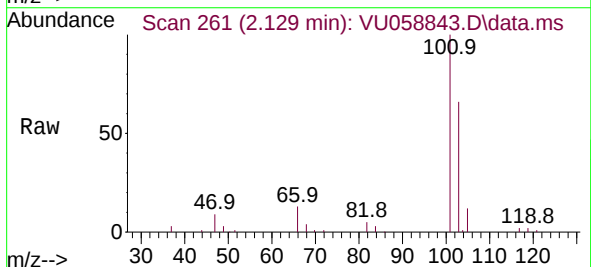
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MSVOA_U
ClientSampleId :

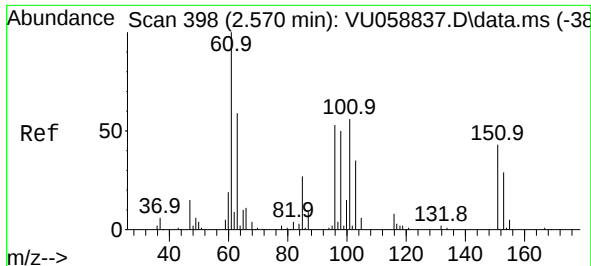
Tgt Ion: 64 Resp: 13337
Ion Ratio Lower Upper
64 100
66 34.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.359 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion:101 Resp: 48740
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8

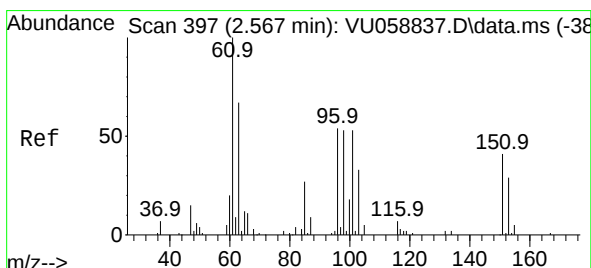
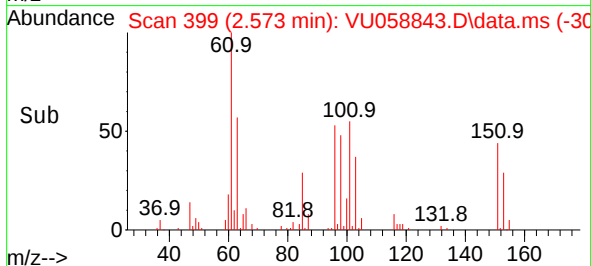
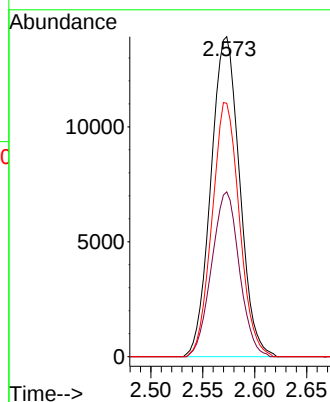
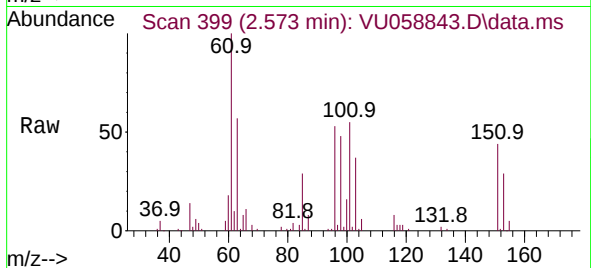




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.939 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

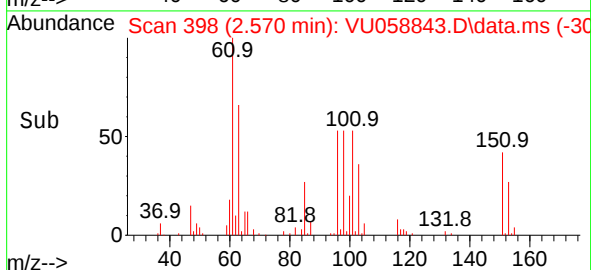
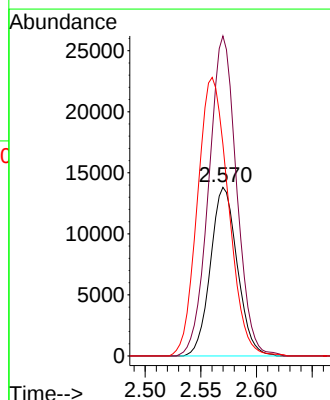
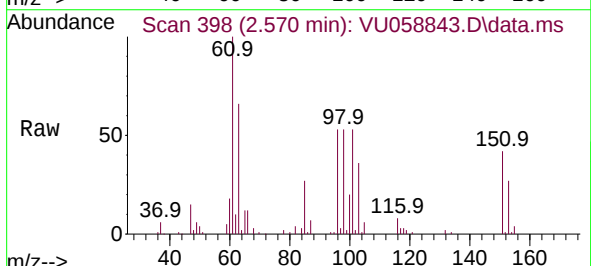
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ClientSampleId :

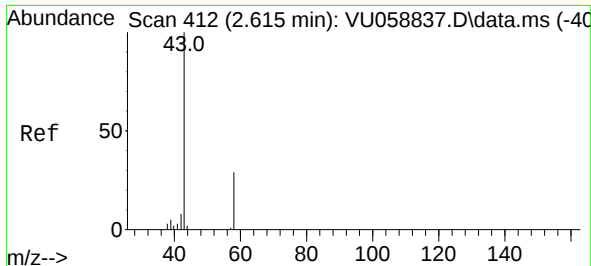
Tgt Ion:101 Resp: 26775
Ion Ratio Lower Upper
101 100
85 49.7 36.7 55.1
151 75.6 56.6 84.8



#12
1,1-Dichloroethene
Concen: 4.757 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion: 96 Resp: 23142
Ion Ratio Lower Upper
96 100
61 189.7 135.3 251.3
63 125.5 91.9 170.7





#13

Acetone

Concen: 44.565 ug/L

RT: 2.608 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

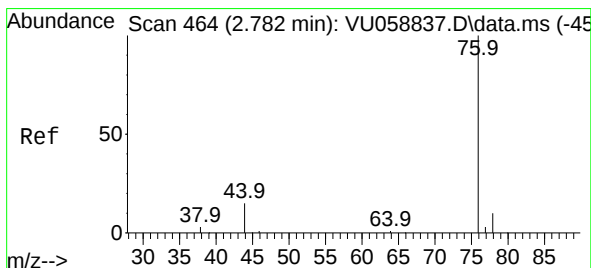
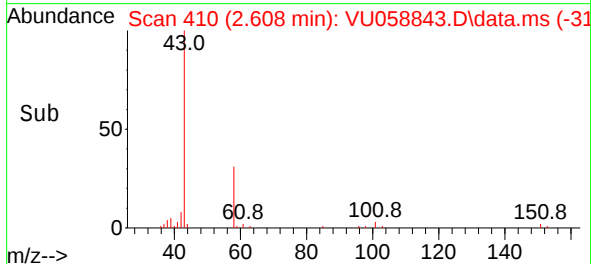
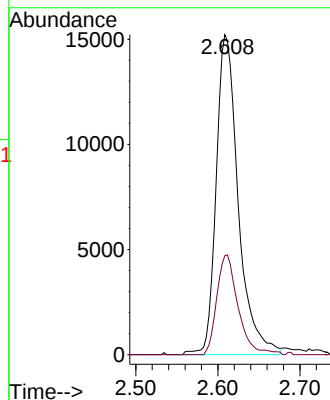
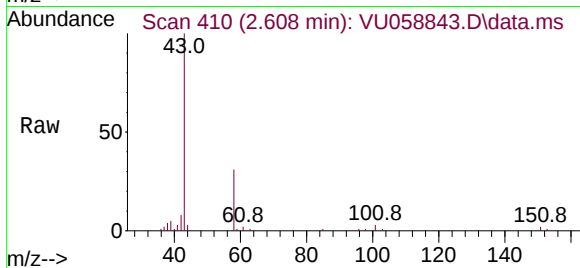
ClientSampleId :

Tgt Ion: 43 Resp: 28437

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.2



#14

Carbon disulfide

Concen: 4.253 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU058843.D

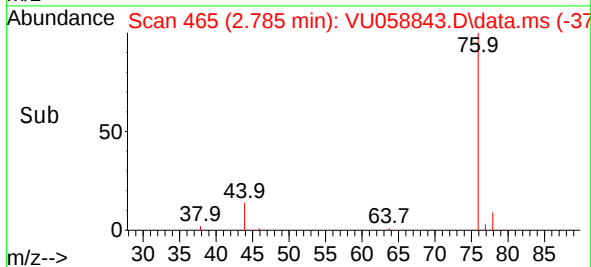
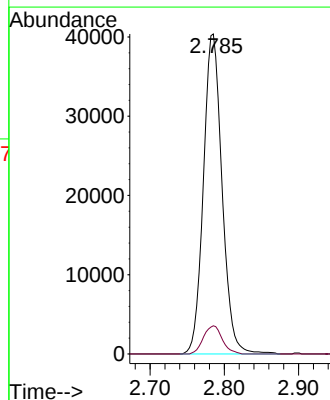
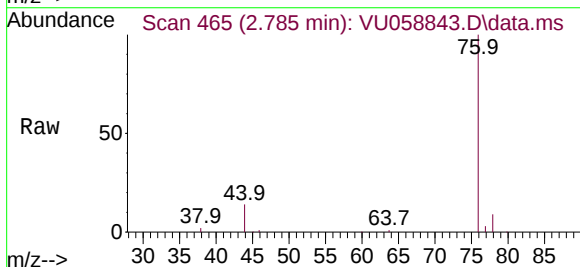
Acq: 07 May 2024 15:00

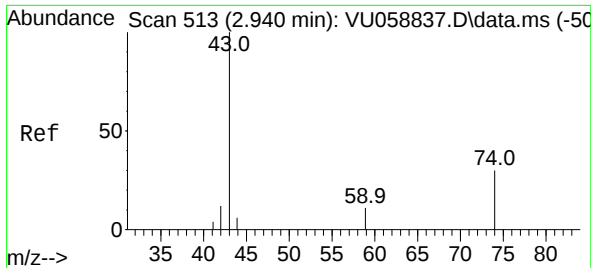
Tgt Ion: 76 Resp: 70380

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#15

Methyl Acetate

Concen: 4.432 ug/L

RT: 2.940 min Scan# 513

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

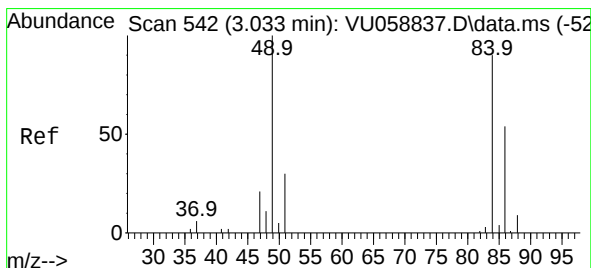
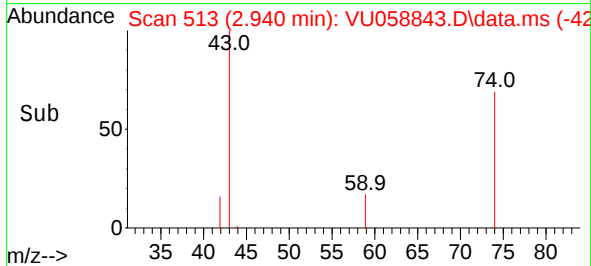
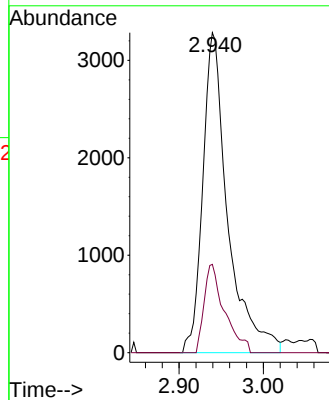
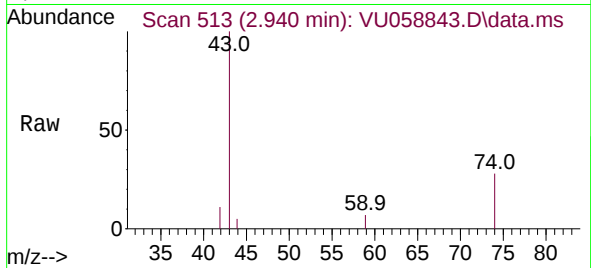
ClientSampleId :

Tgt Ion: 43 Resp: 6780

Ion Ratio Lower Upper

43 100

74 22.4 18.2 27.4



#16

Methylene chloride

Concen: 4.659 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

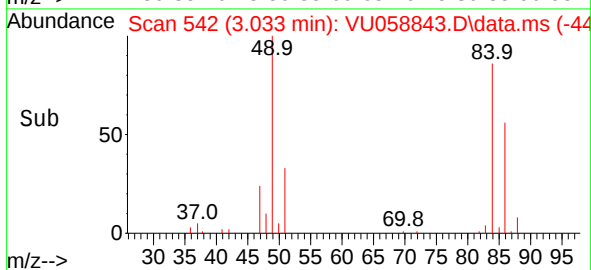
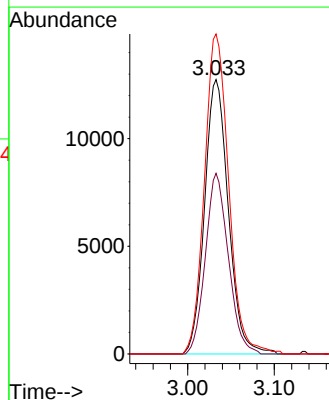
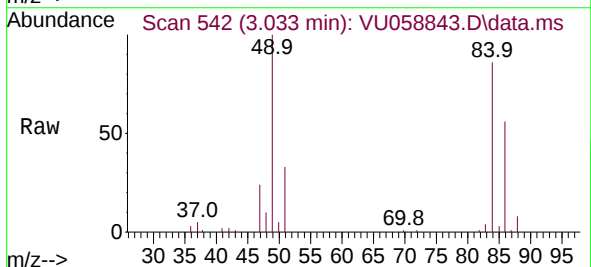
Tgt Ion: 84 Resp: 24391

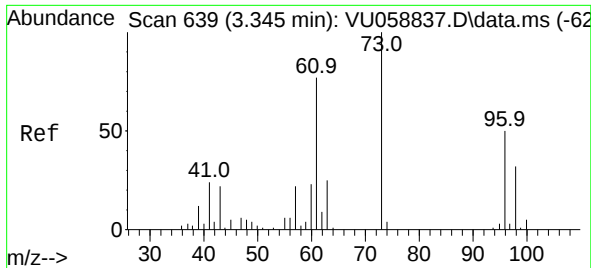
Ion Ratio Lower Upper

84 100

86 65.8 45.0 83.6

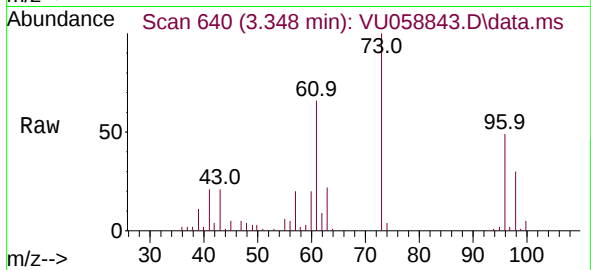
49 116.6 91.6 170.2



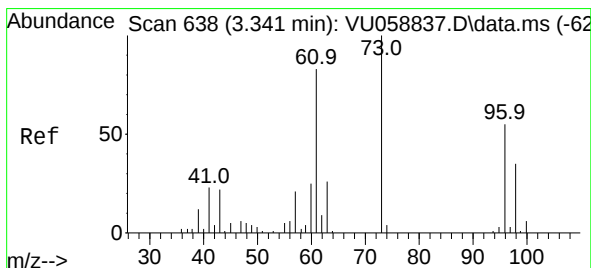
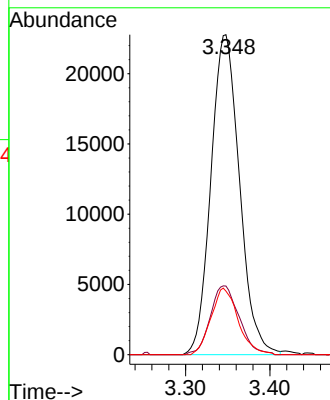
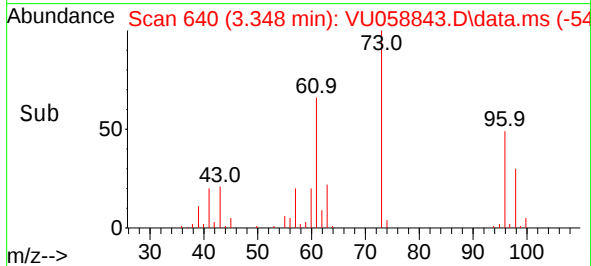


#17
Methyl tert-butyl Ether
Concen: 4.869 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

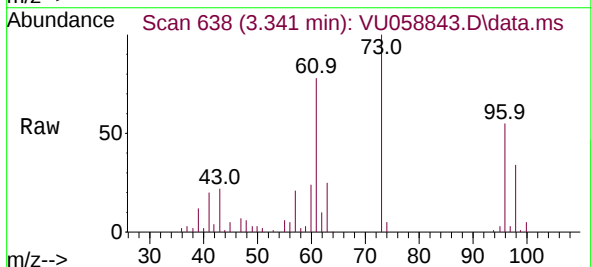
Instrument :
MSVOA_U
ClientSampleId :



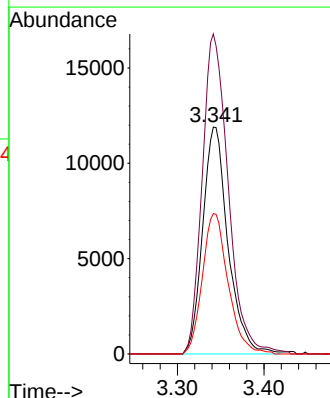
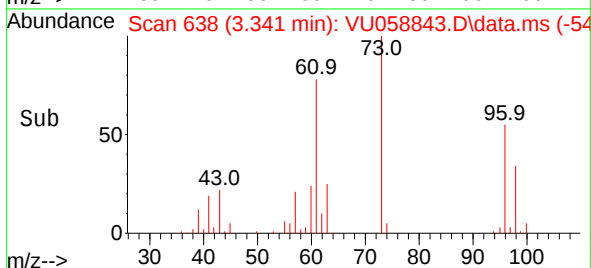
Tgt Ion: 73 Resp: 53624
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5
57 19.9 17.0 25.4

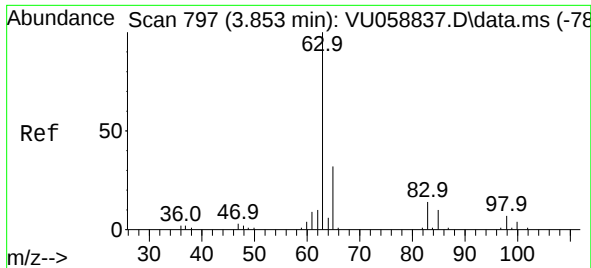


#18
trans-1,2-Dichloroethene
Concen: 4.964 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00



Tgt Ion: 96 Resp: 24190
Ion Ratio Lower Upper
96 100
61 141.1 108.6 201.8
98 61.9 44.4 82.4





#19

1,1-Dichloroethane

Concen: 4.498 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

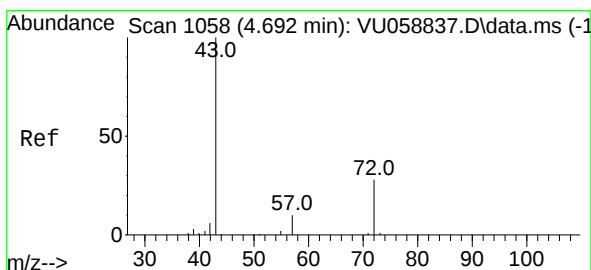
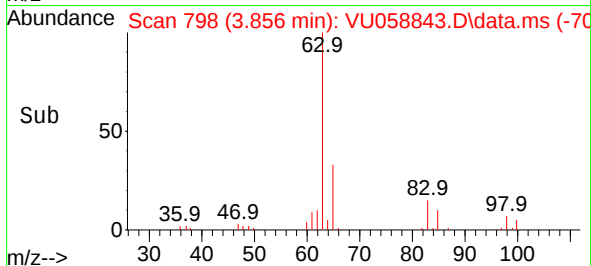
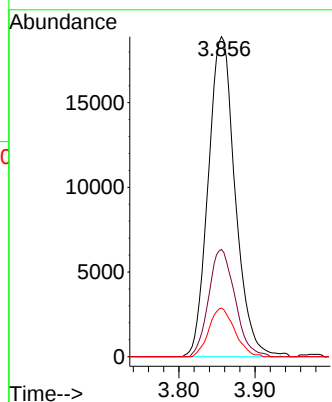
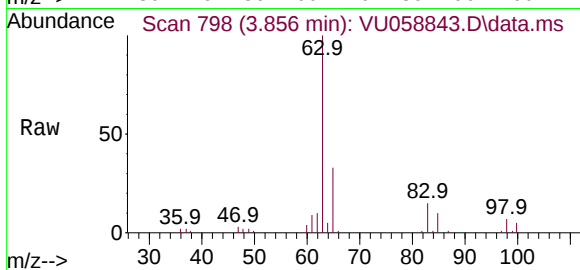
Tgt Ion: 63 Resp: 46419

Ion Ratio Lower Upper

63 100

65 33.5 21.6 40.2

83 15.2 9.5 17.7



#21

2-Butanone

Concen: 38.320 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. -0.003 min

Lab File: VU058843.D

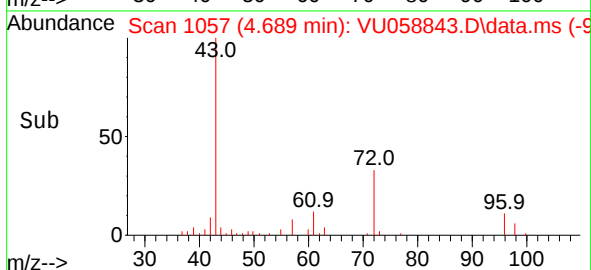
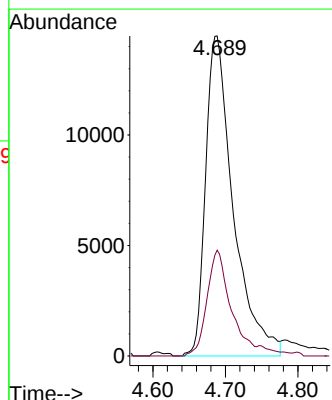
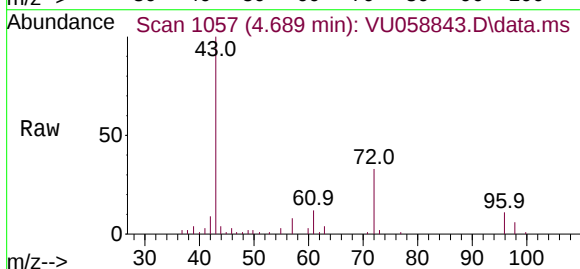
Acq: 07 May 2024 15:00

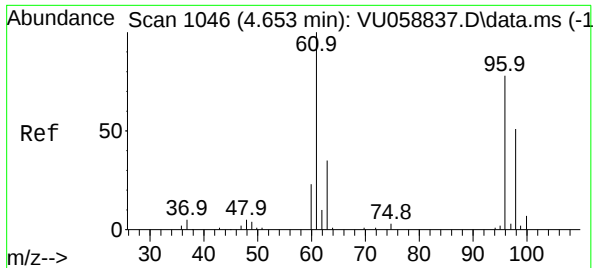
Tgt Ion: 43 Resp: 38451

Ion Ratio Lower Upper

43 100

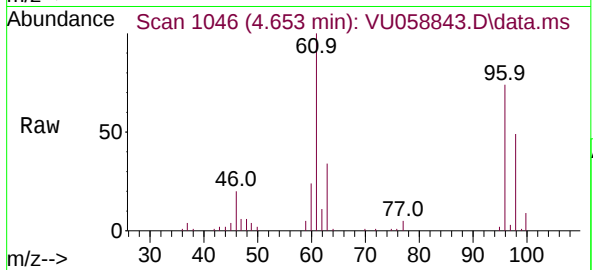
72 28.2 12.8 38.4



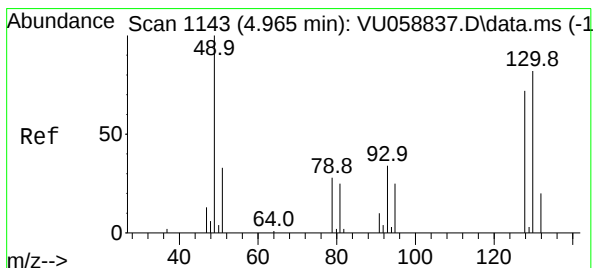
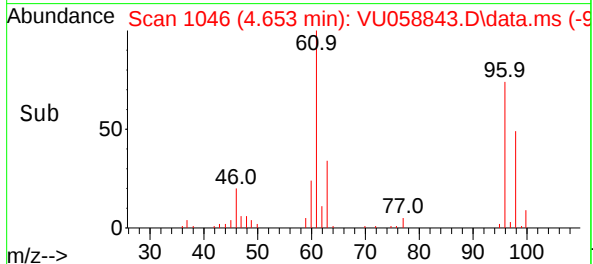
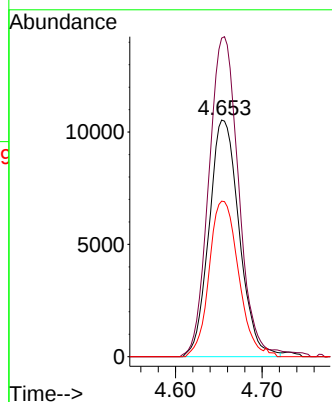


#22
 cis-1,2-Dichloroethene
 Concen: 4.750 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

Instrument :
 MSVOA_U
 ClientSampleId :

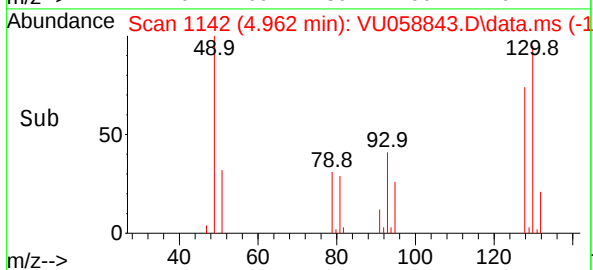
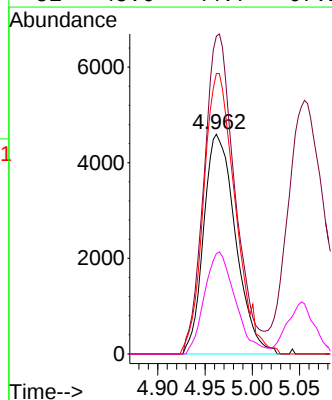
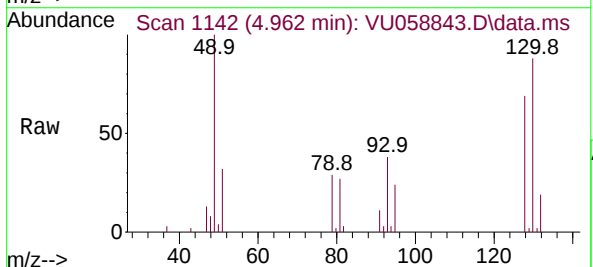


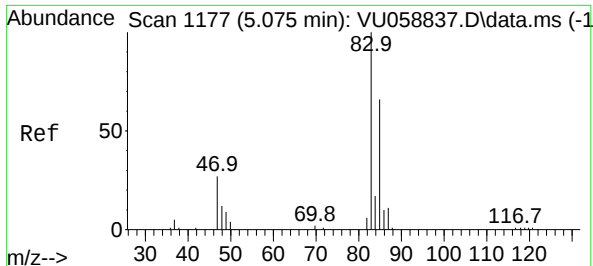
Tgt Ion:	96	Resp:	25428
Ion	Ratio	Lower	Upper
96	100		
61	134.7	100.4	186.4
98	65.8	45.1	83.7



#23
 Bromochloromethane
 Concen: 5.138 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

Tgt Ion:	128	Resp:	10768
Ion	Ratio	Lower	Upper
128	100		
49	144.6	129.1	239.7
130	127.7	92.1	171.1
51	45.6	44.7	67.1

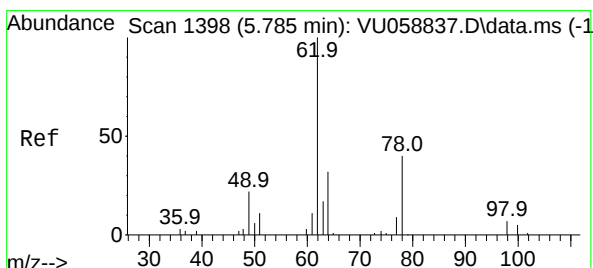
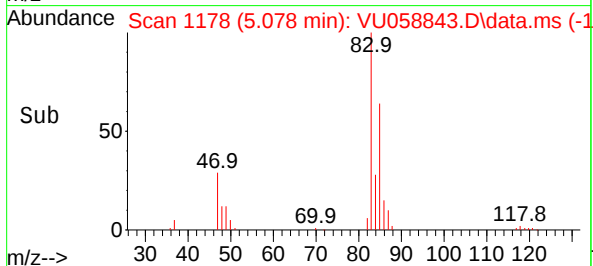
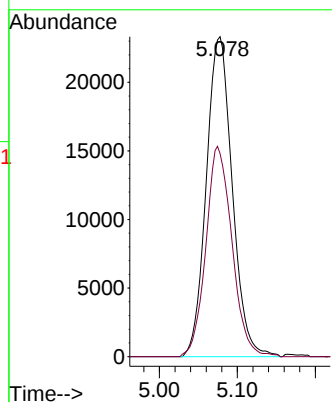
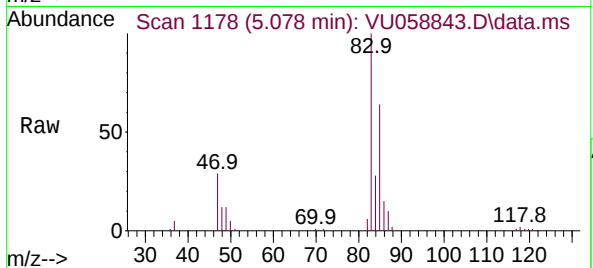




#25
Chloroform
Concen: 5.039 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

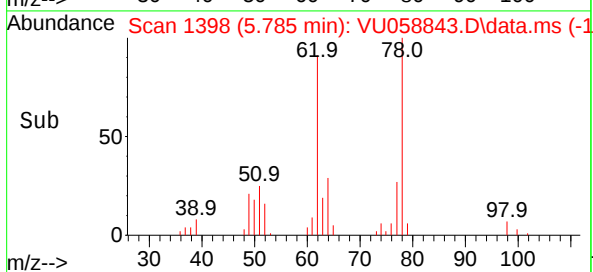
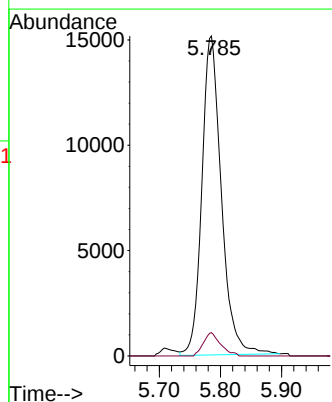
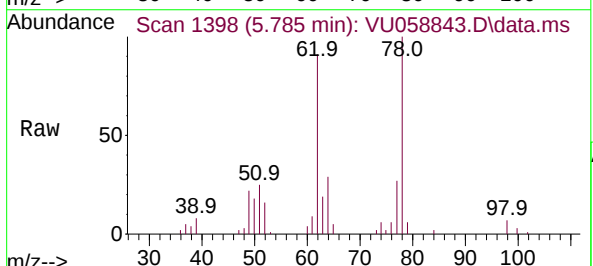
Instrument :
MSVOA_U
ClientSampleId :

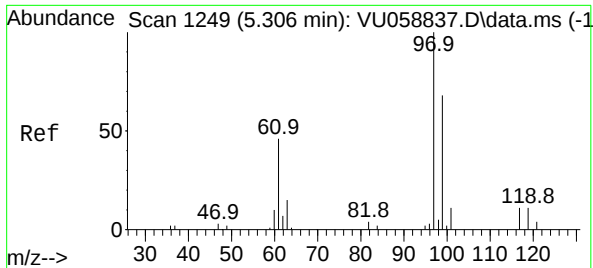
Tgt Ion: 83 Resp: 54051
Ion Ratio Lower Upper
83 100
85 63.5 47.0 87.4



#27
1,2-Dichloroethane
Concen: 5.225 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion: 62 Resp: 33527
Ion Ratio Lower Upper
62 100
98 7.3 6.7 10.1

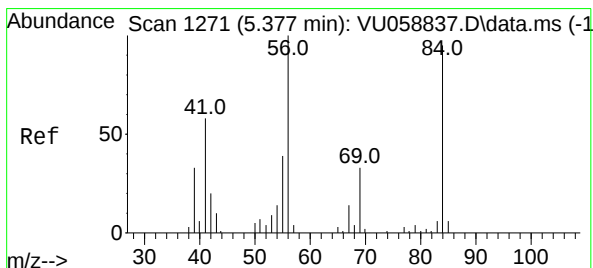
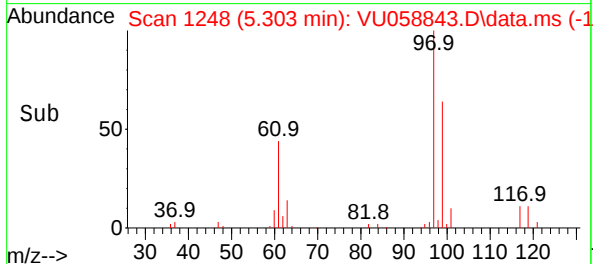
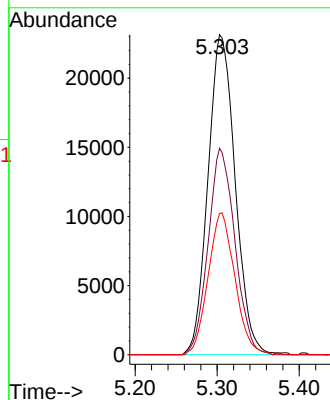
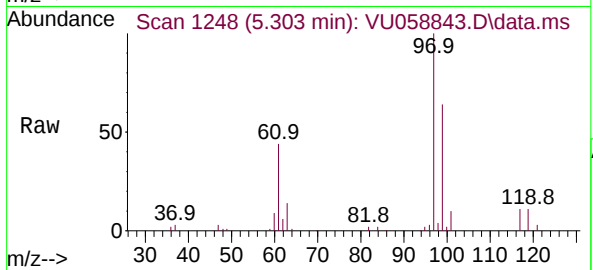




#29
1,1,1-Trichloroethane
Concen: 5.673 ug/L
RT: 5.303 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

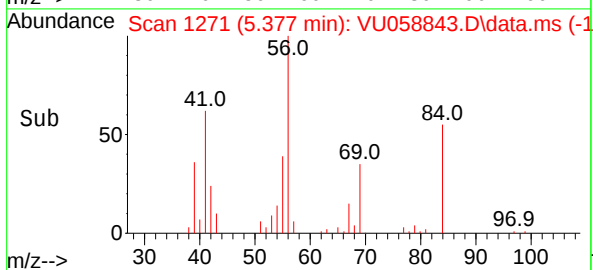
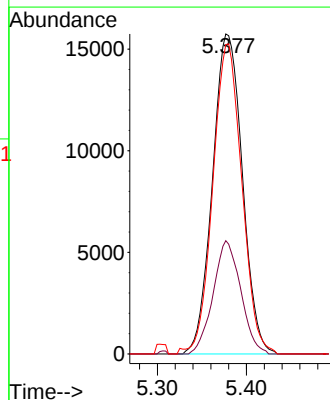
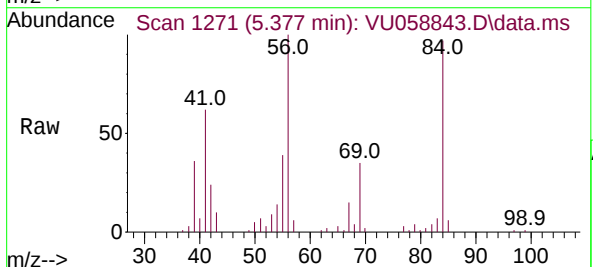
Instrument :
MSVOA_U
ClientSampleId :

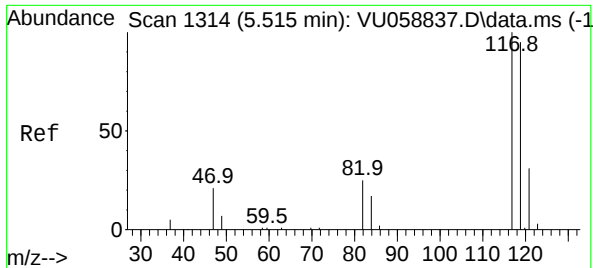
Tgt Ion: 97 Resp: 53518
Ion Ratio Lower Upper
97 100
99 63.4 50.5 75.7
61 43.5 37.3 55.9



#30
Cyclohexane
Concen: 4.116 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion: 56 Resp: 36653
Ion Ratio Lower Upper
56 100
69 32.7 23.7 35.5
84 94.1 64.2 96.4

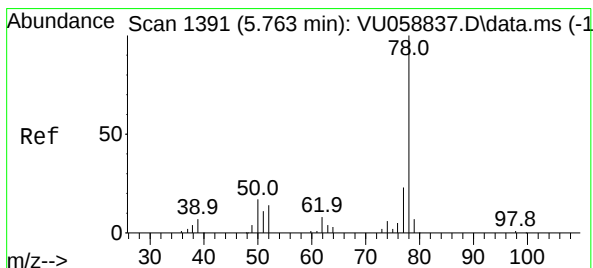
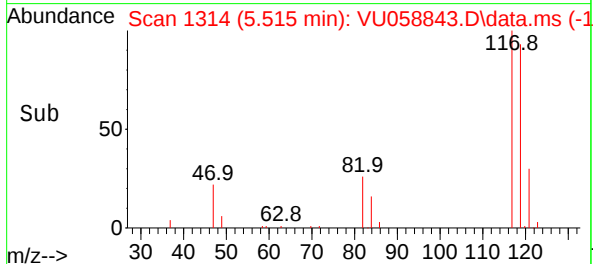
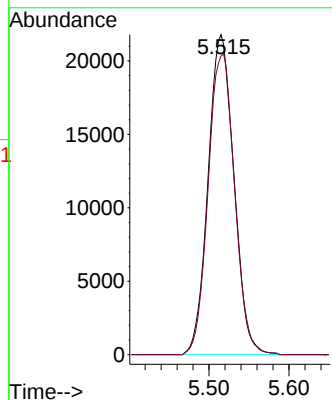
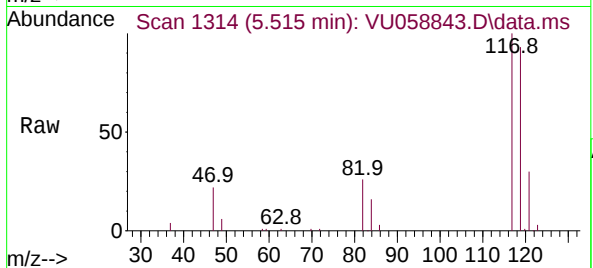




#31
Carbon tetrachloride
Concen: 5.853 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

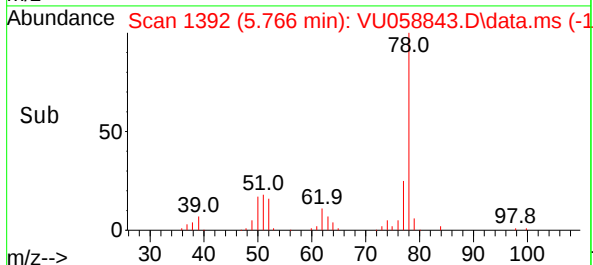
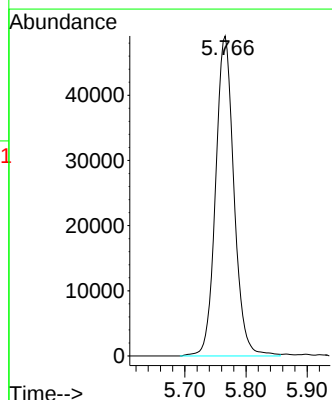
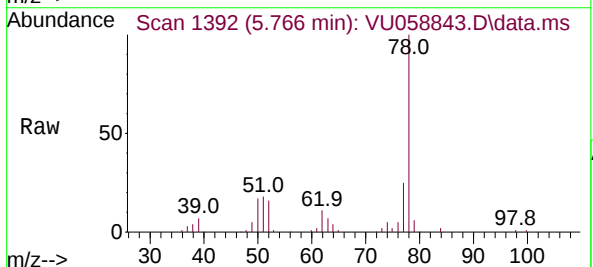
Instrument :
MSVOA_U
ClientSampleId :

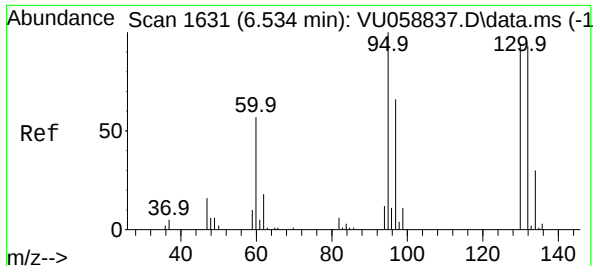
Tgt Ion:117 Resp: 48799
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4



#33
Benzene
Concen: 4.694 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

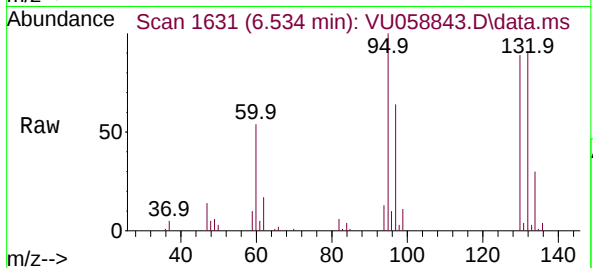
Tgt Ion: 78 Resp: 102630





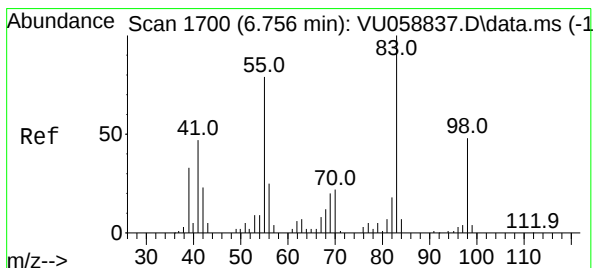
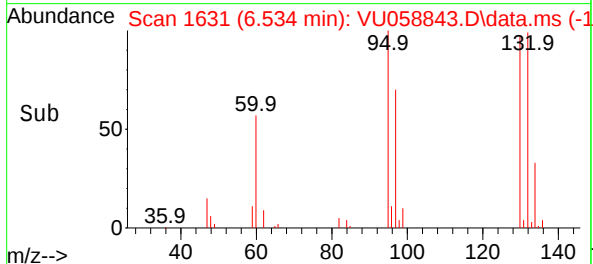
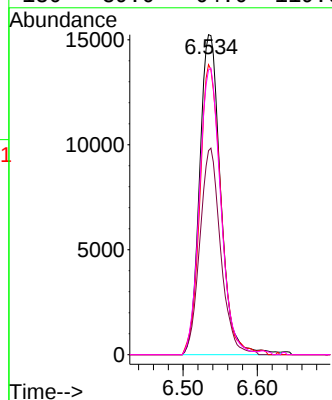
#34
Trichloroethene
Concen: 5.045 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 30016

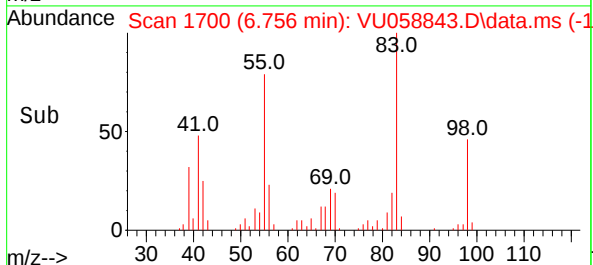
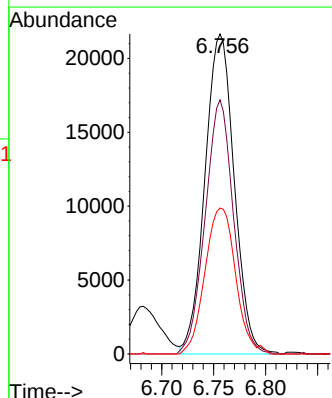
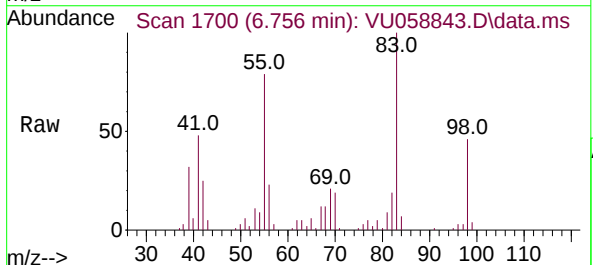
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.4
132	90.7	61.6	114.4
130	89.0	64.0	119.0

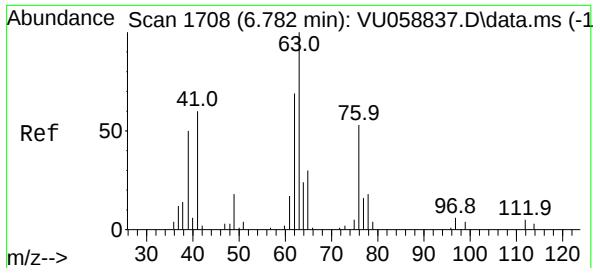


#35
Methylcyclohexane
Concen: 4.695 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion: 83 Resp: 42453

Ion	Ratio	Lower	Upper
83	100		
55	76.9	66.6	100.0
98	47.7	35.4	53.2

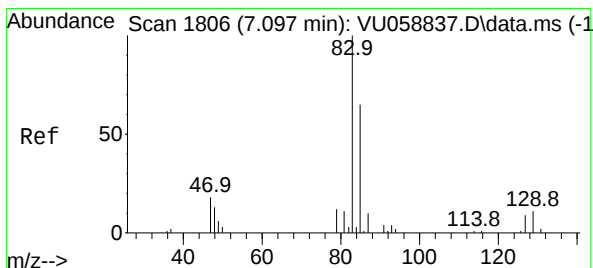
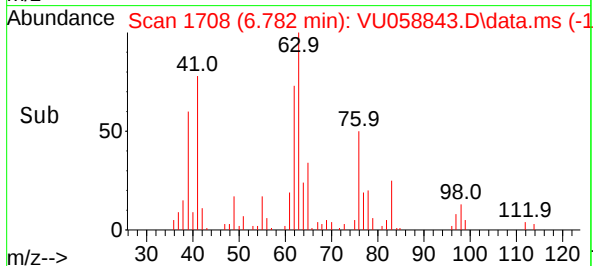
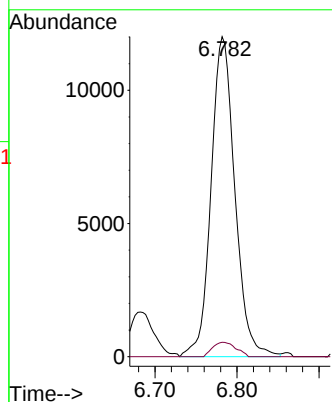
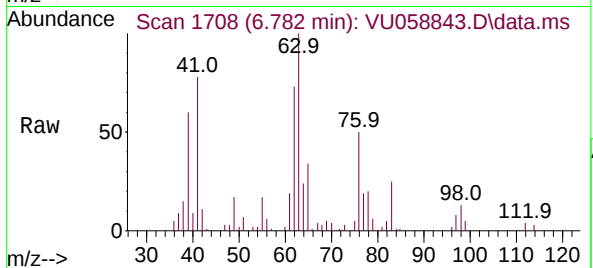




#37
1,2-Dichloropropane
Concen: 4.247 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

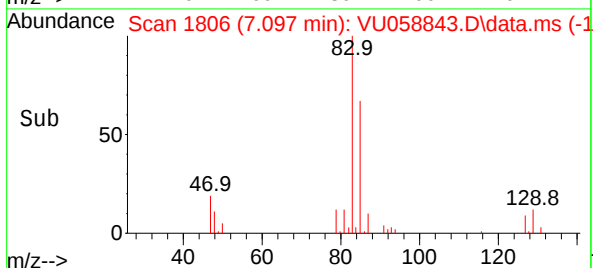
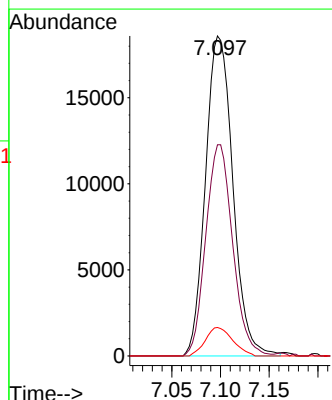
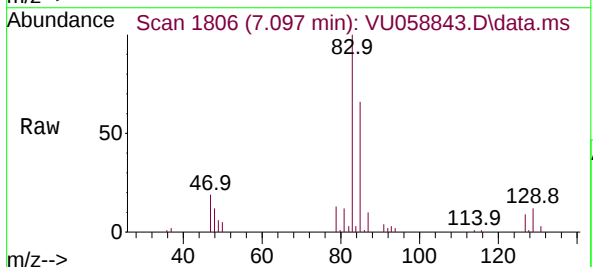
Instrument :
MSVOA_U
ClientSampleId :

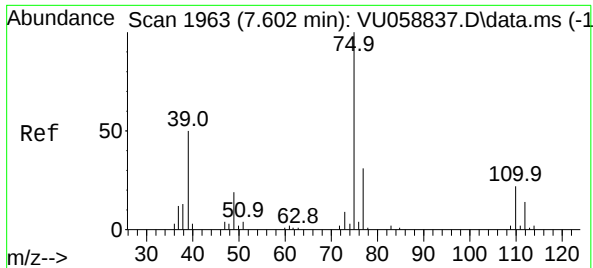
Tgt Ion: 63 Resp: 24257
Ion Ratio Lower Upper
63 100
112 4.4 2.8 4.2#



#38
Bromodichloromethane
Concen: 5.136 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion: 83 Resp: 36346
Ion Ratio Lower Upper
83 100
85 66.0 45.2 84.0
127 8.9 6.3 9.5

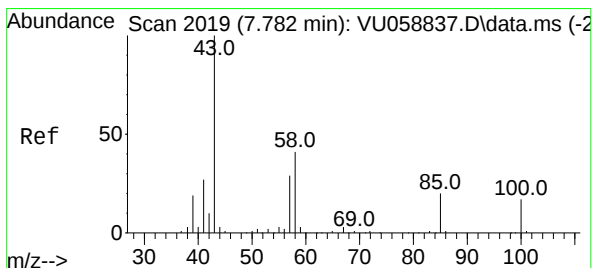
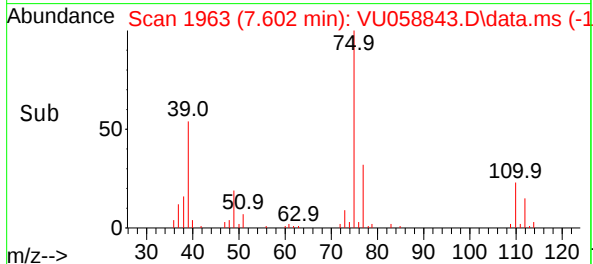
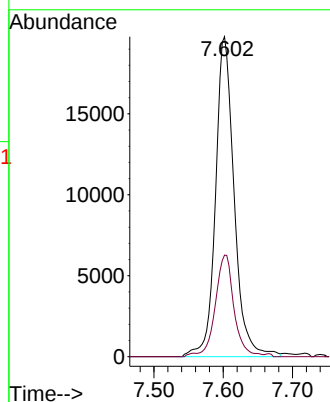
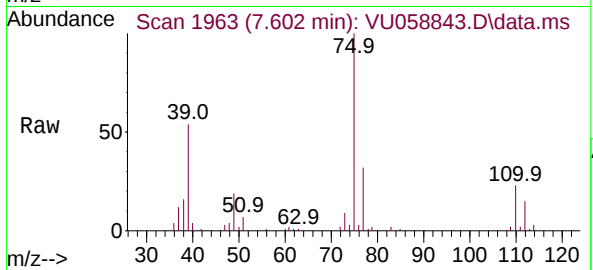




#39
 cis-1,3-Dichloropropene
 Concen: 4.678 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

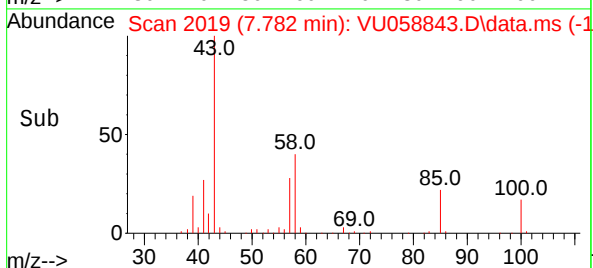
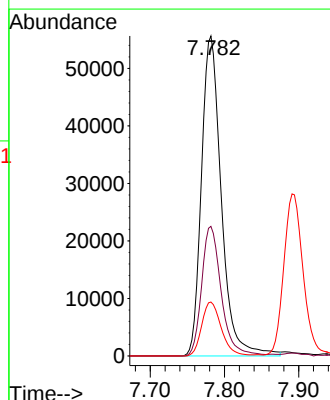
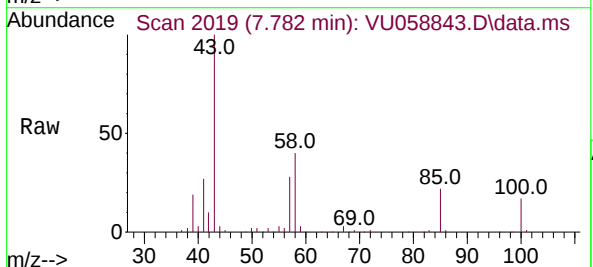
Instrument :
 MSVOA_U
 ClientSampleId :

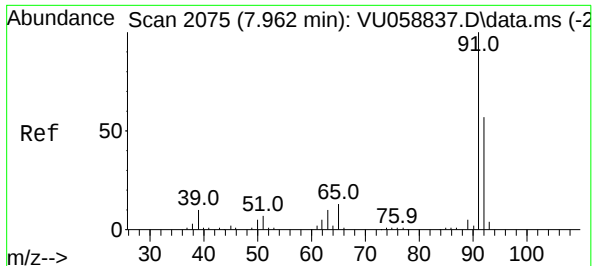
Tgt Ion: 75 Resp: 36994
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 41.136 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058843.D
 Acq: 07 May 2024 15:00

Tgt Ion: 43 Resp: 103708
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.5 47.3
 100 16.6 11.4 17.0





#42

Toluene

Concen: 4.893 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

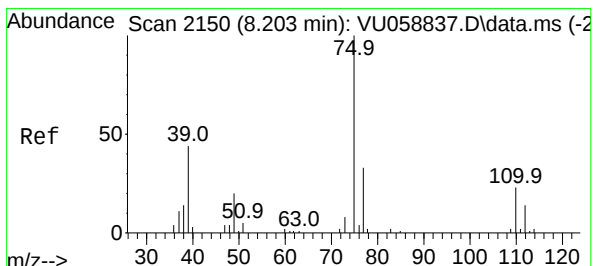
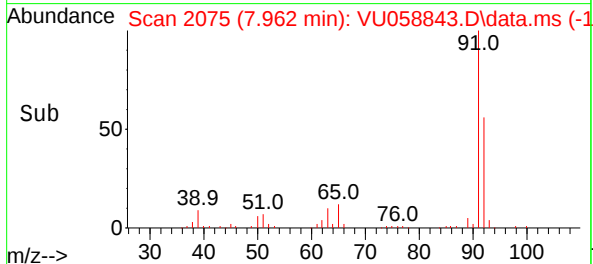
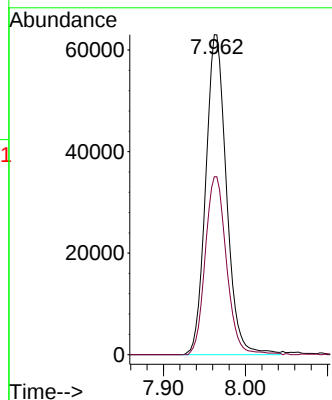
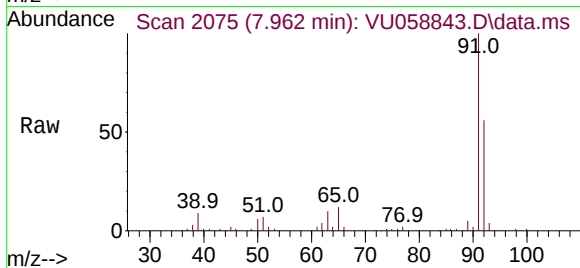
ClientSampleId :

Tgt Ion: 91 Resp: 110576

Ion Ratio Lower Upper

91 100

92 55.6 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.061 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058843.D

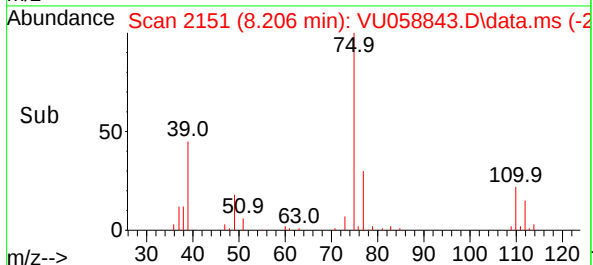
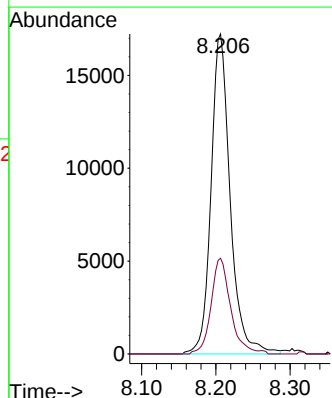
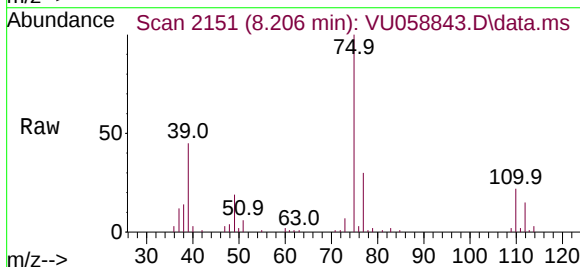
Acq: 07 May 2024 15:00

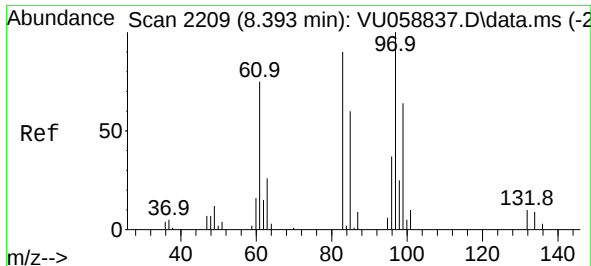
Tgt Ion: 75 Resp: 30813

Ion Ratio Lower Upper

75 100

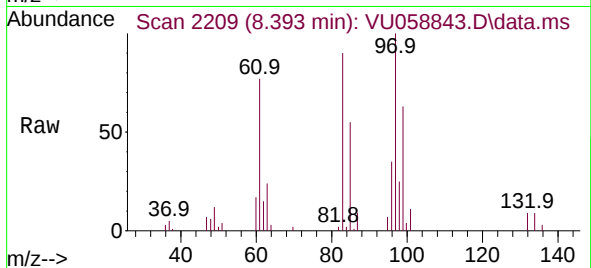
77 29.9 22.1 41.1



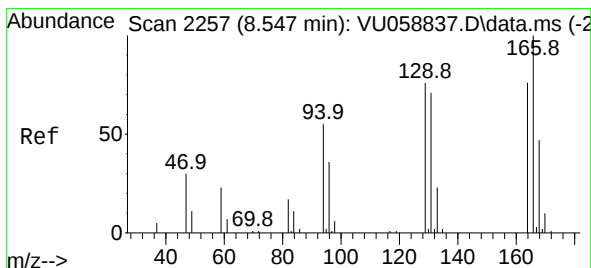
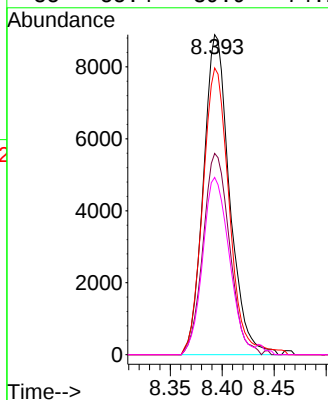
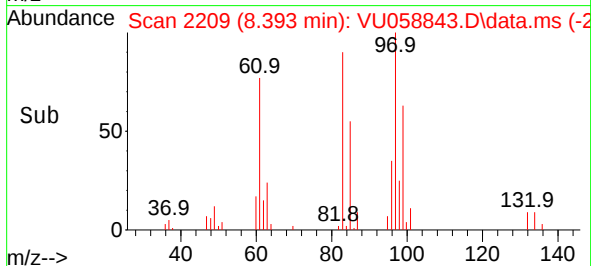


#45
1,1,2-Trichloroethane
Concen: 4.731 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

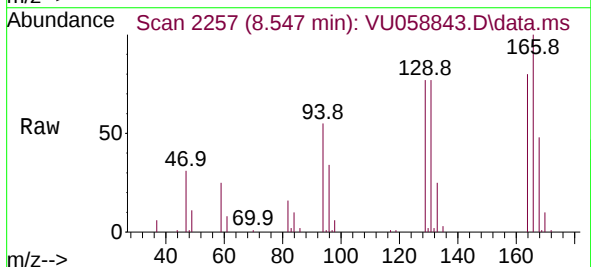
Instrument :
MSVOA_U
ClientSampleId :



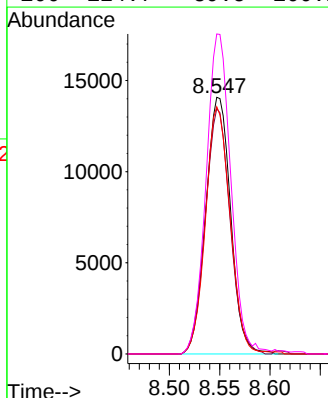
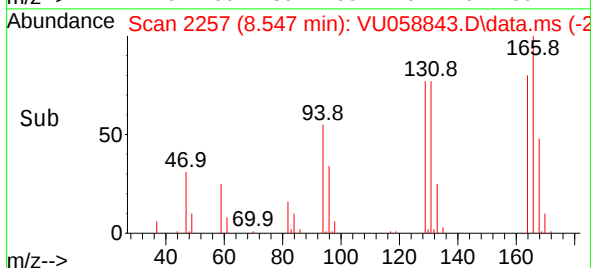
Tgt Ion:	97	Resp:	15549
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.7	81.1
83	89.6	62.9	116.9
85	55.4	39.9	74.1

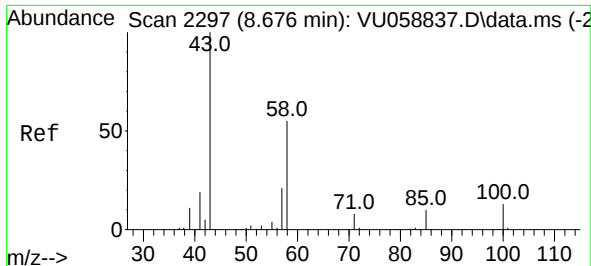


#47
Tetrachloroethene
Concen: 5.805 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00



Tgt Ion:	164	Resp:	24240
Ion	Ratio	Lower	Upper
164	100		
129	95.6	71.5	132.9
131	96.4	65.0	120.6
166	124.7	89.5	166.1





#48

2-Hexanone

Concen: 39.957 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

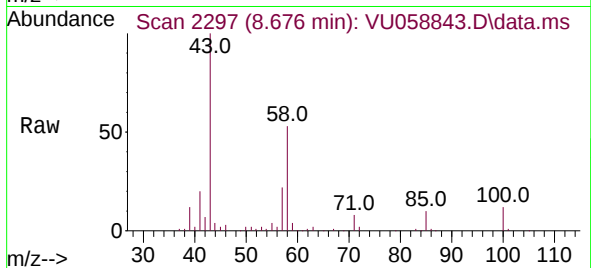
Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 71560

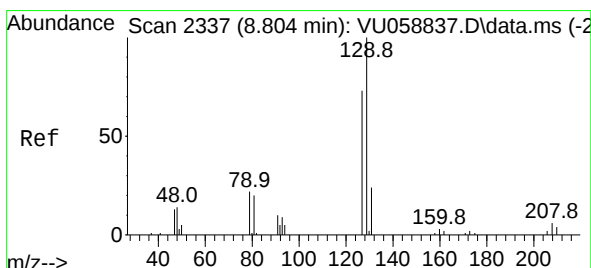
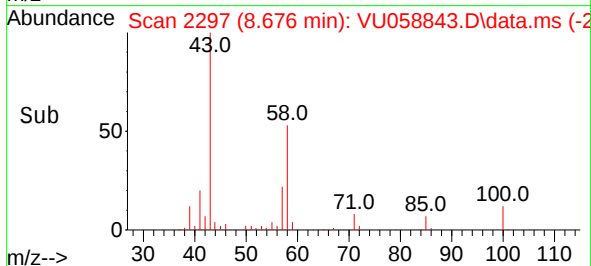
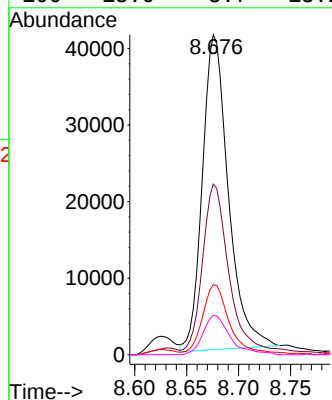
Ion Ratio Lower Upper

43 100

58 56.6 43.7 65.5

57 22.5 15.0 22.4#

100 13.0 8.7 13.1



#49

Dibromochloromethane

Concen: 5.593 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU058843.D

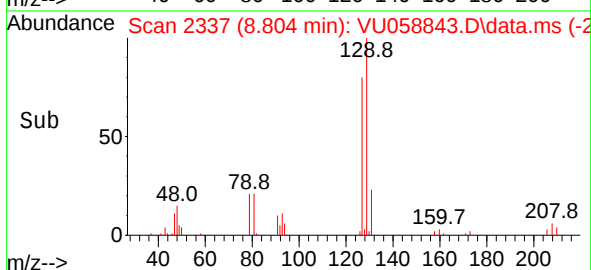
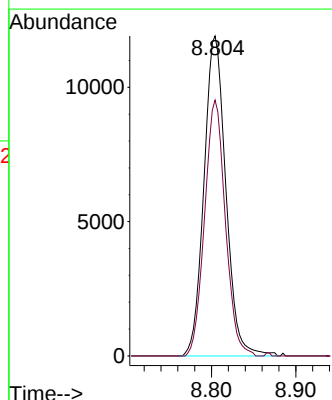
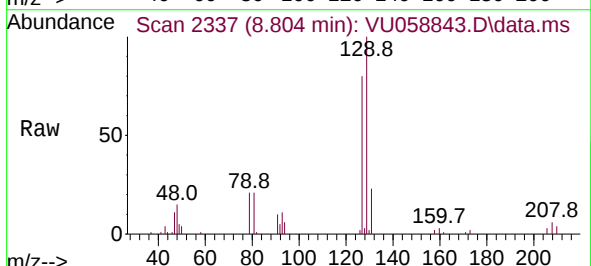
Acq: 07 May 2024 15:00

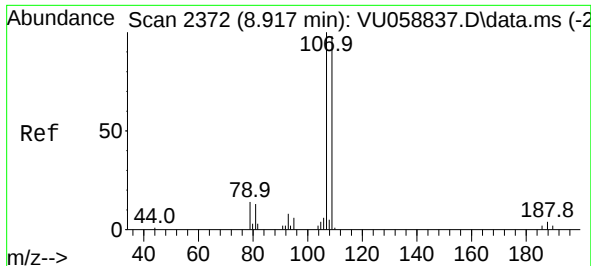
Tgt Ion:129 Resp: 21527

Ion Ratio Lower Upper

129 100

127 80.0 51.0 94.8





#50

1,2-Dibromoethane

Concen: 4.780 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

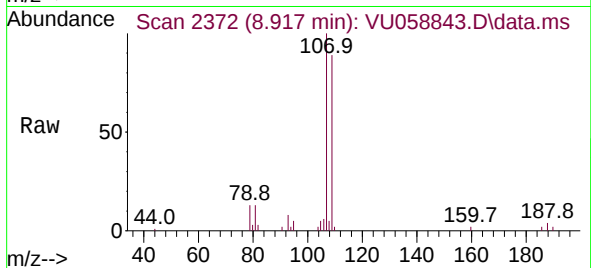
Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



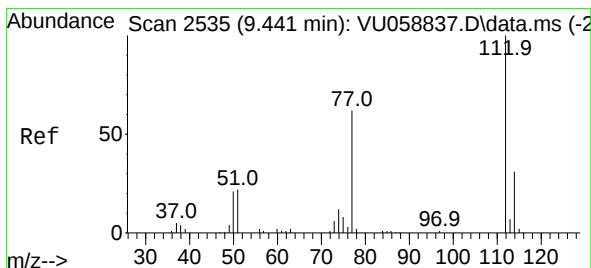
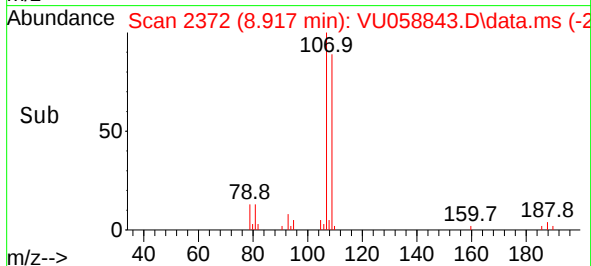
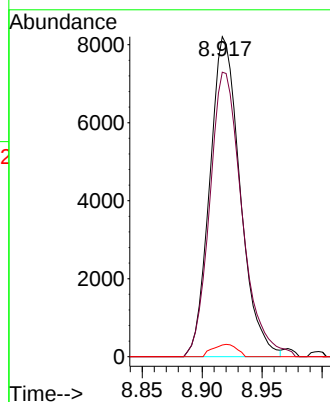
Tgt Ion:107 Resp: 14453

Ion Ratio Lower Upper

107 100

109 88.9 62.3 115.7

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 5.048 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

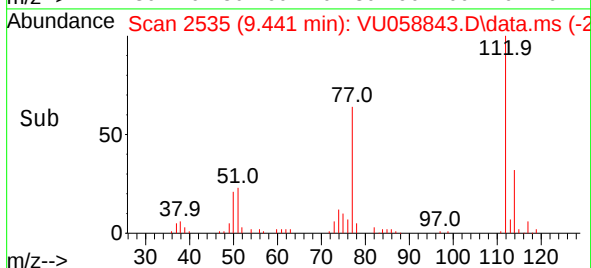
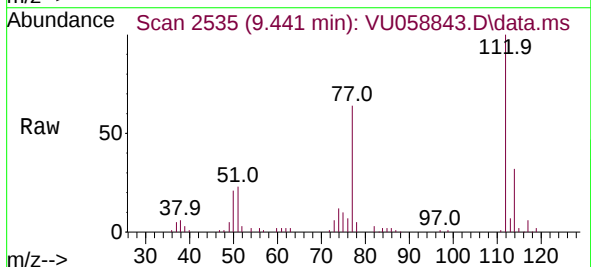
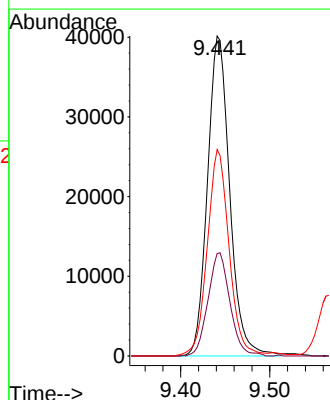
Tgt Ion:112 Resp: 69506

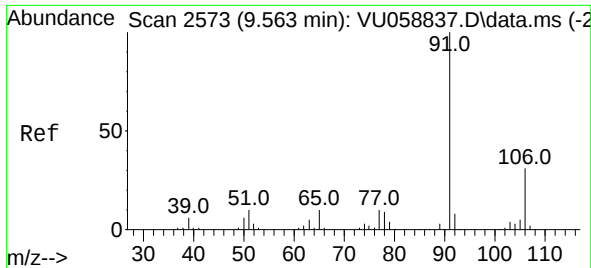
Ion Ratio Lower Upper

112 100

114 32.0 21.7 40.3

77 64.5 50.5 75.7





#52

Ethylbenzene

Concen: 5.045 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

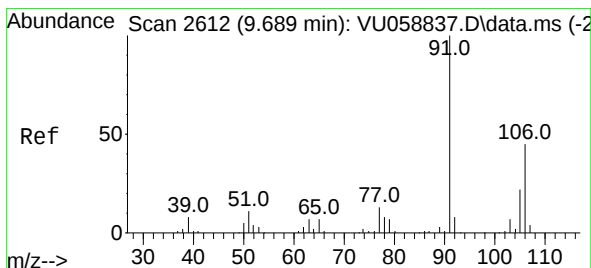
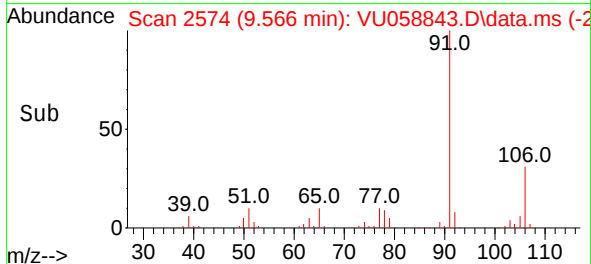
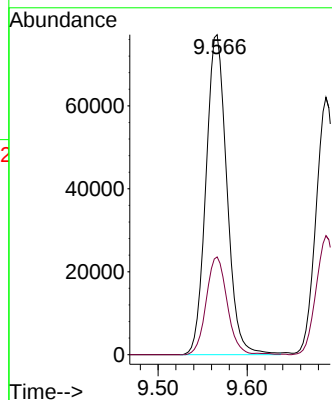
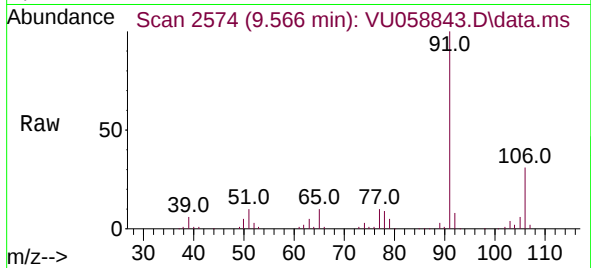
ClientSampleId :

Tgt Ion: 91 Resp: 125748

Ion Ratio Lower Upper

91 100

106 30.5 20.9 38.9



#53

m,p-Xylene

Concen: 5.231 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058843.D

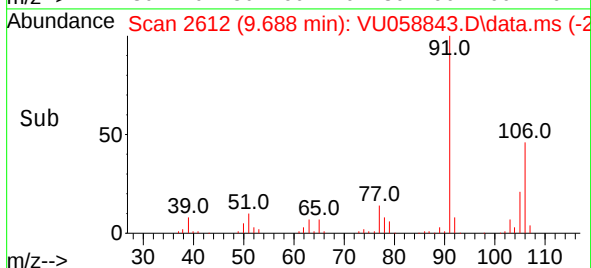
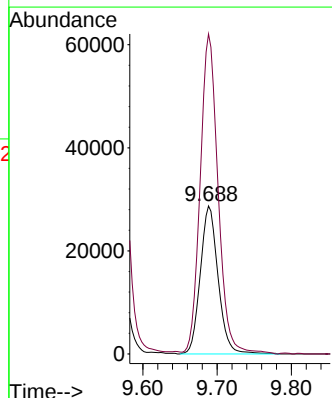
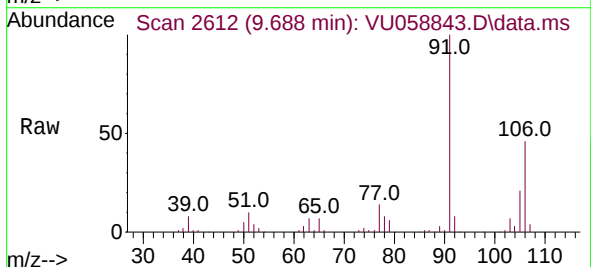
Acq: 07 May 2024 15:00

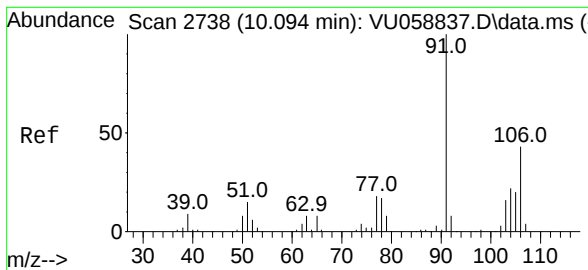
Tgt Ion:106 Resp: 47887

Ion Ratio Lower Upper

106 100

91 216.3 155.1 288.1

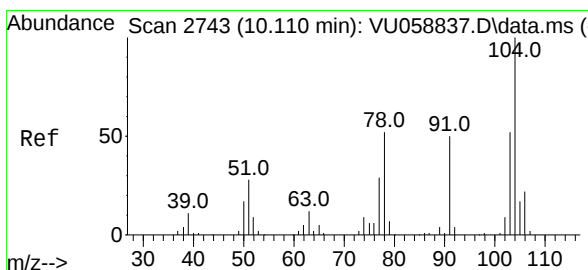
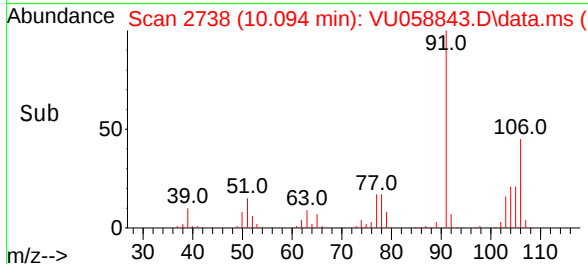
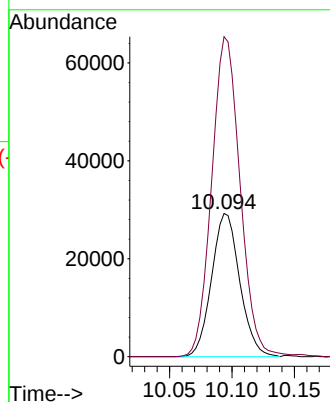
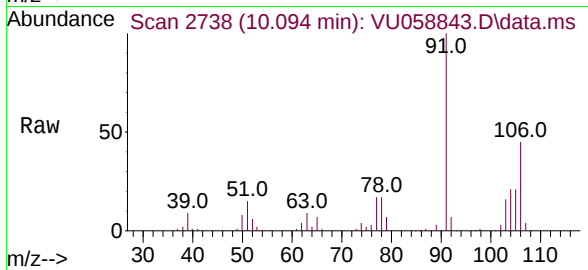




#54
o-Xylene
Concen: 5.297 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

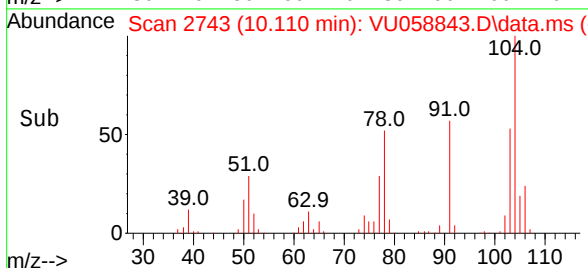
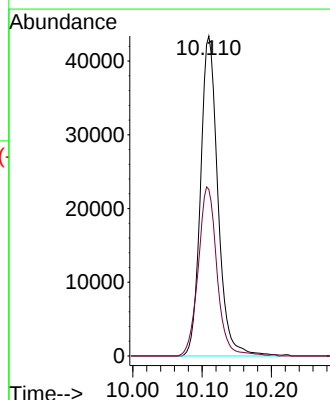
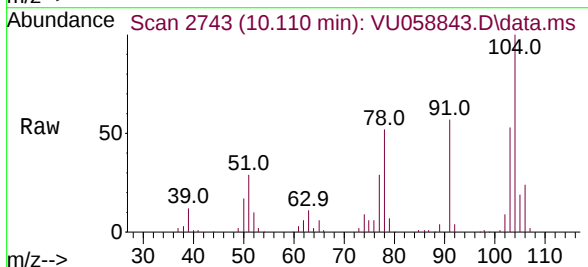
Instrument :
MSVOA_U
ClientSampleId :

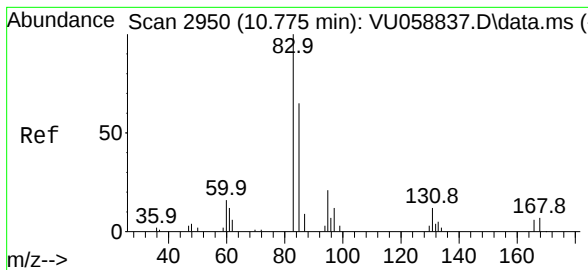
Tgt Ion:106 Resp: 45972
Ion Ratio Lower Upper
106 100
91 223.5 163.7 304.1



#55
Styrene
Concen: 5.348 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion:104 Resp: 75615
Ion Ratio Lower Upper
104 100
78 52.0 37.1 68.9

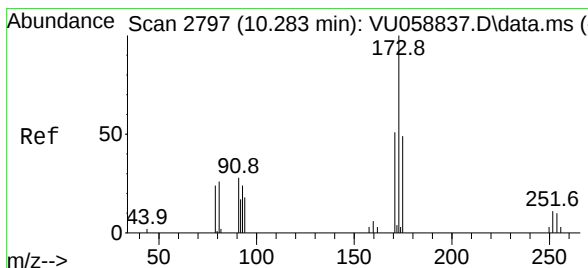
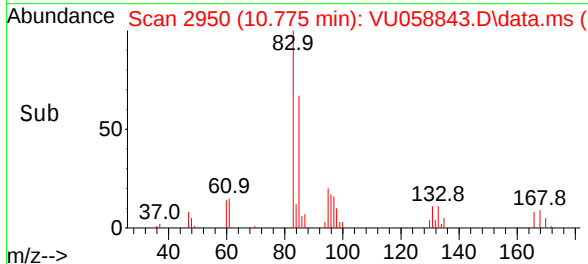
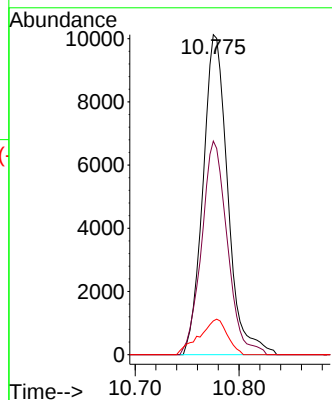
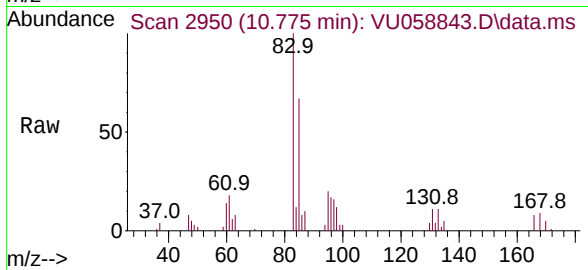




#57
1,1,2,2-Tetrachloroethane
Concen: 4.382 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

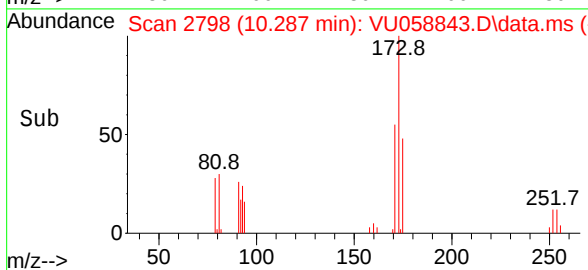
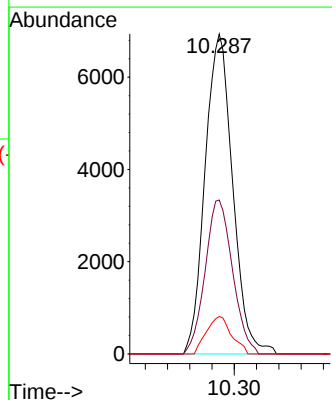
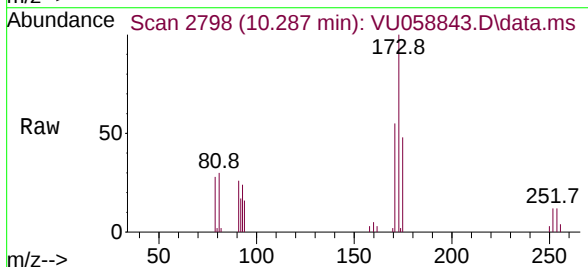
Instrument :
MSVOA_U
ClientSampleId :

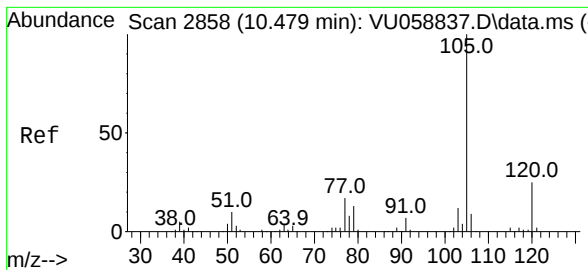
Tgt Ion: 83 Resp: 16785
Ion Ratio Lower Upper
83 100
85 66.8 44.6 82.8
131 10.5 6.7 10.1#



#59
Bromoform
Concen: 5.257 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

Tgt Ion:173 Resp: 11915
Ion Ratio Lower Upper
173 100
175 47.7 39.3 58.9
254 10.6 7.5 11.3





#60

Isopropylbenzene

Concen: 5.101 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

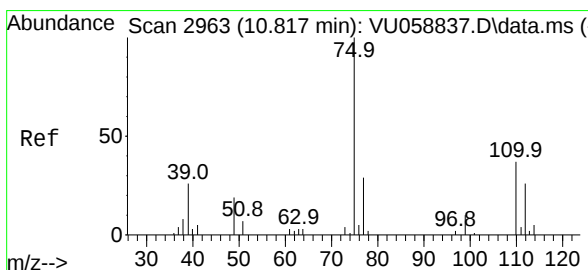
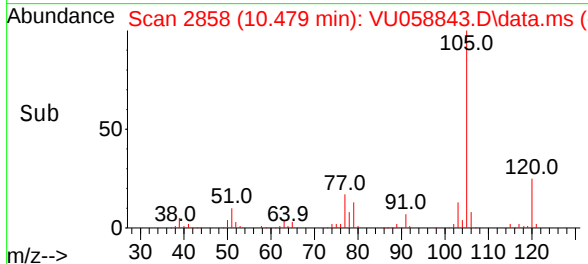
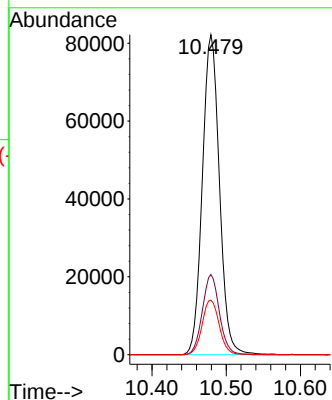
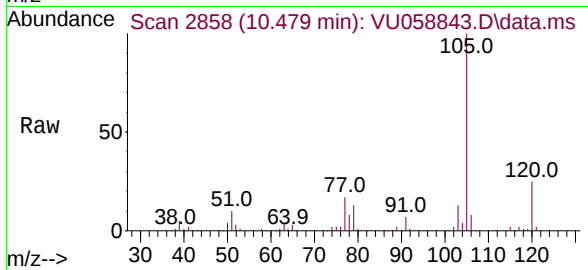
Tgt Ion:105 Resp: 130963

Ion Ratio Lower Upper

105 100

120 25.0 19.6 29.4

77 17.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.436 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

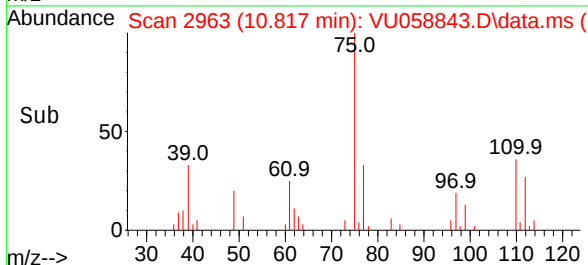
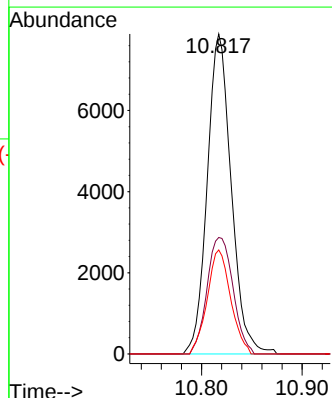
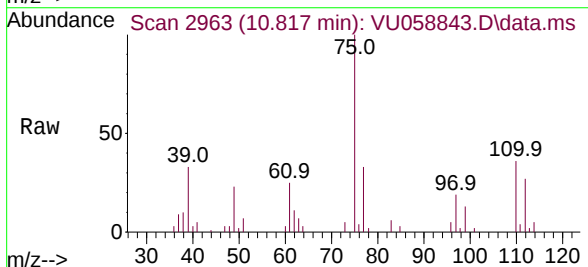
Tgt Ion: 75 Resp: 13066

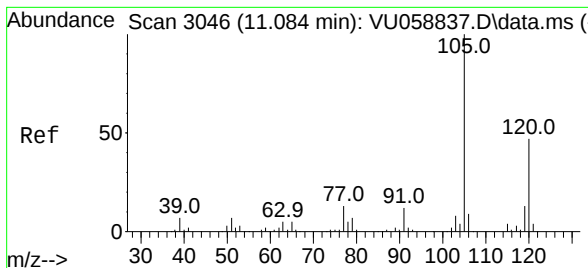
Ion Ratio Lower Upper

75 100

110 39.4 28.6 43.0

77 31.7 25.4 38.2

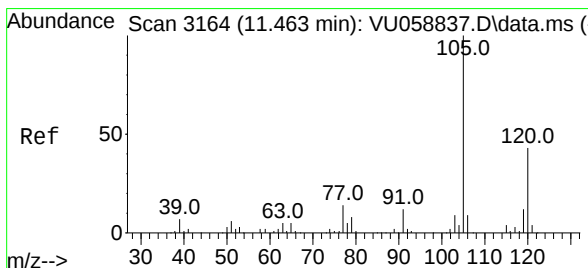
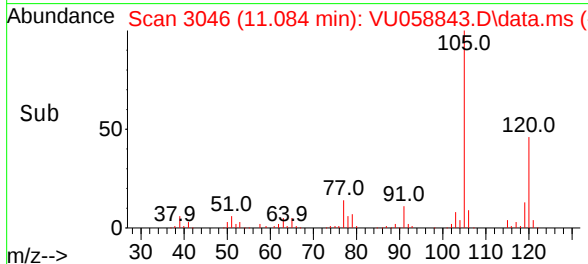
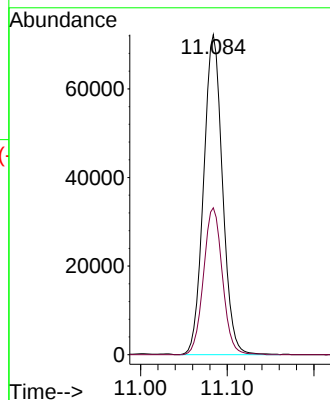
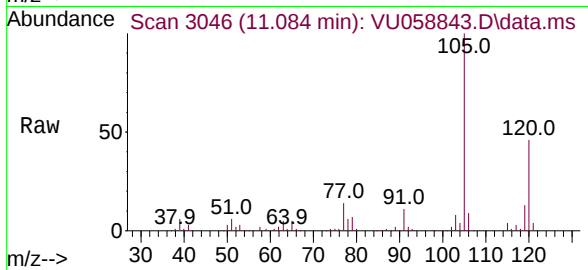




#62
1,3,5-Trimethylbenzene
Concen: 5.115 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

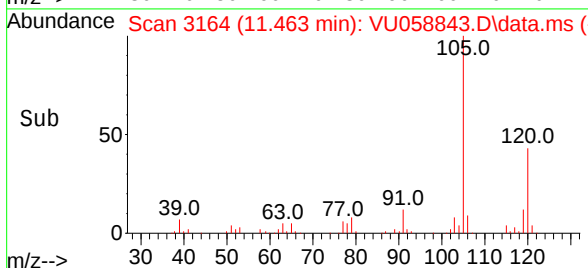
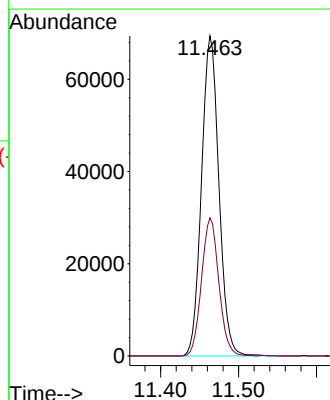
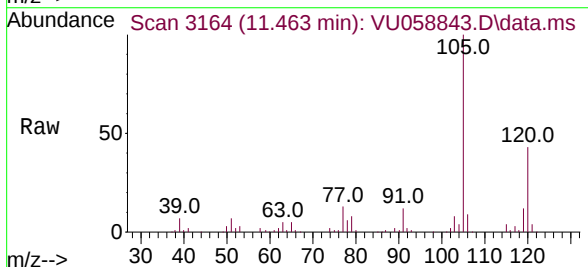
Instrument :
MSVOA_U
ClientSampleId :

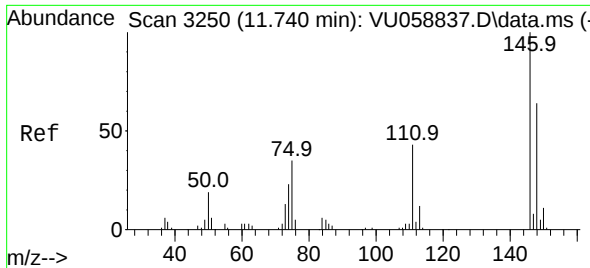
Tgt Ion:105 Resp: 109292
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.4



#63
1,2,4-Trimethylbenzene
Concen: 5.321 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

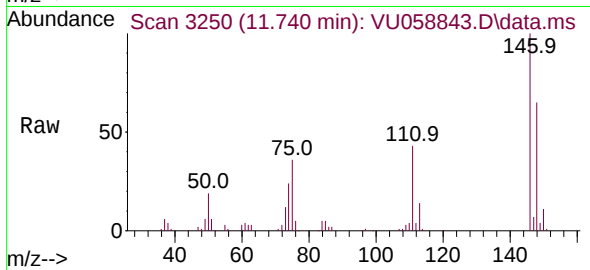
Tgt Ion:105 Resp: 107551
Ion Ratio Lower Upper
105 100
120 43.0 33.4 50.0



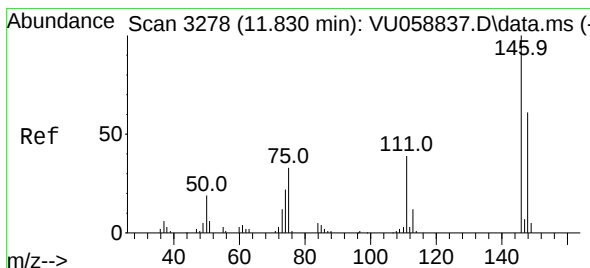
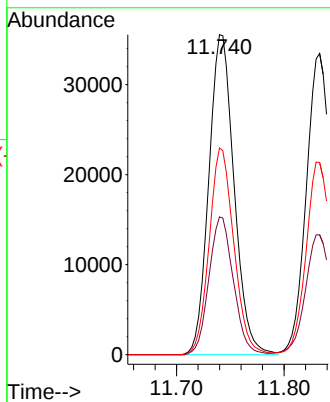
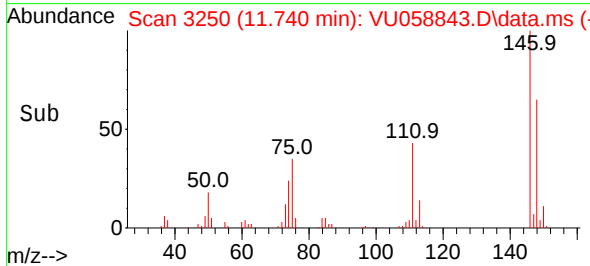


#64
1,3-Dichlorobenzene
Concen: 5.249 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00

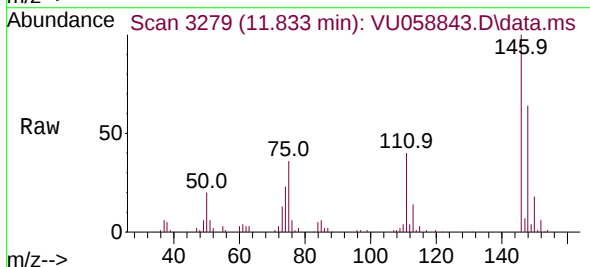
Instrument :
MSVOA_U
ClientSampleId :



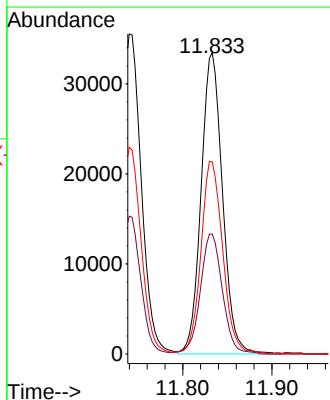
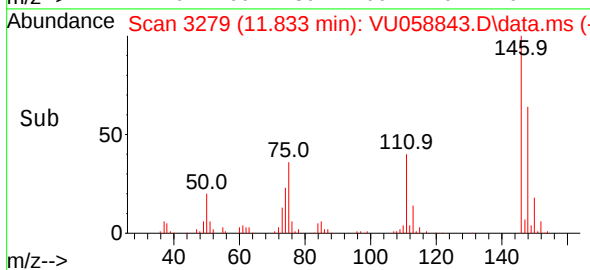
Tgt Ion:146 Resp: 58082
Ion Ratio Lower Upper
146 100
111 43.1 30.9 57.3
148 64.6 44.2 82.0

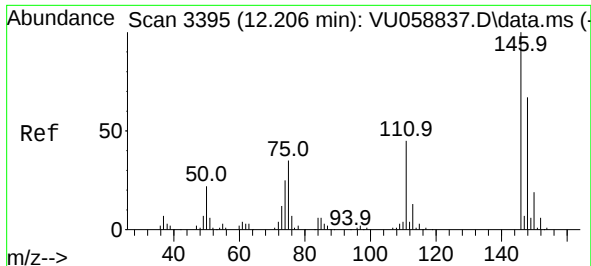


#65
1,4-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058843.D
Acq: 07 May 2024 15:00



Tgt Ion:146 Resp: 55882
Ion Ratio Lower Upper
146 100
111 39.8 29.3 54.3
148 63.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.215 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

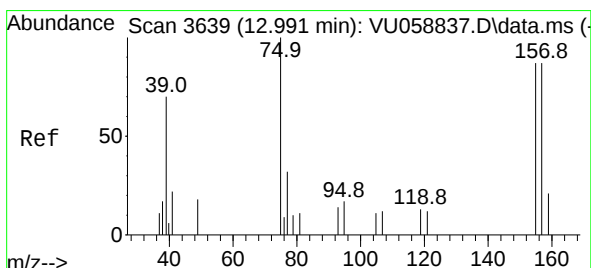
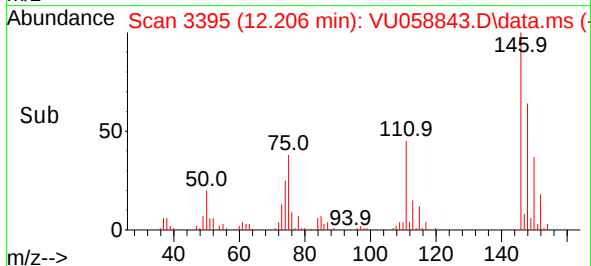
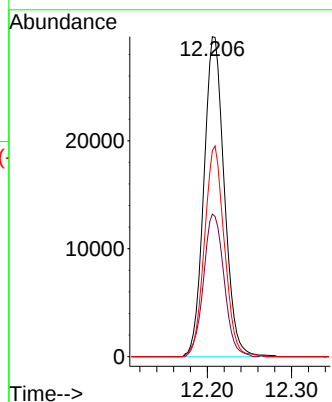
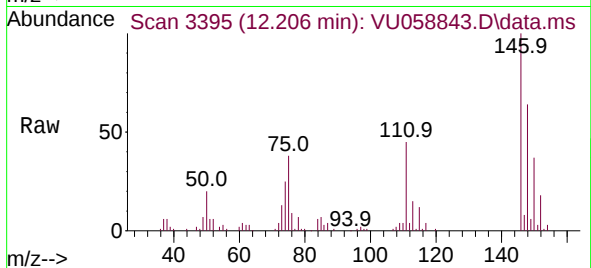
Tgt Ion:146 Resp: 49958

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 64.4 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.540 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

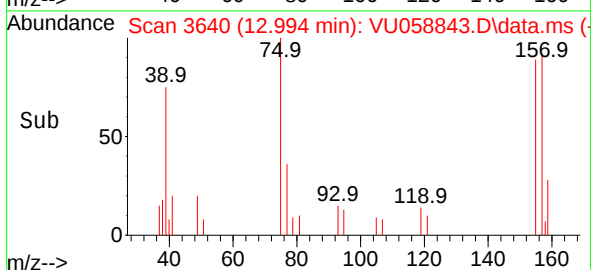
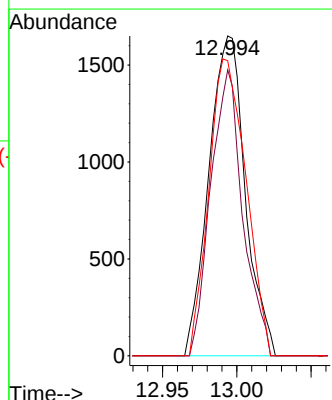
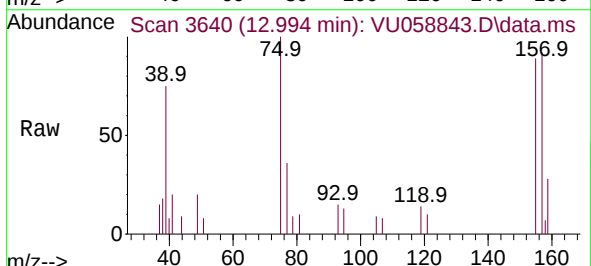
Tgt Ion: 75 Resp: 2820

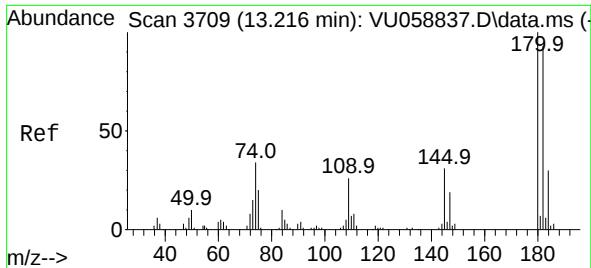
Ion Ratio Lower Upper

75 100

155 89.4 53.6 80.4#

157 92.2 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 5.599 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

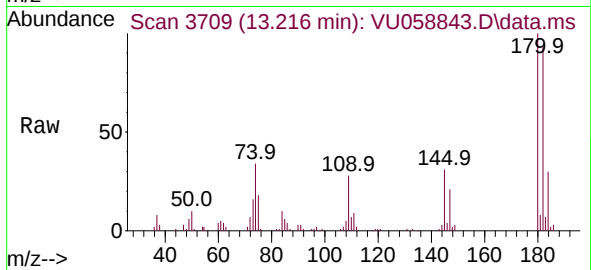
Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 44322

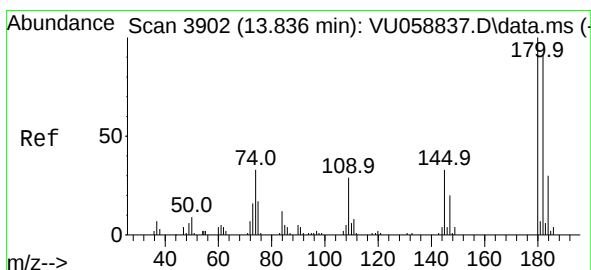
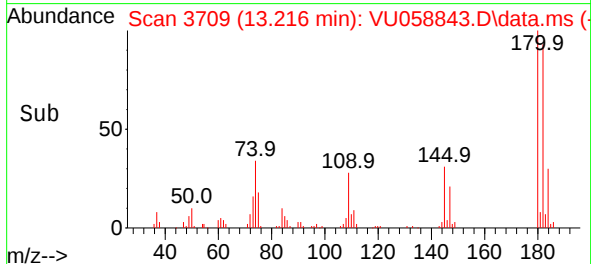
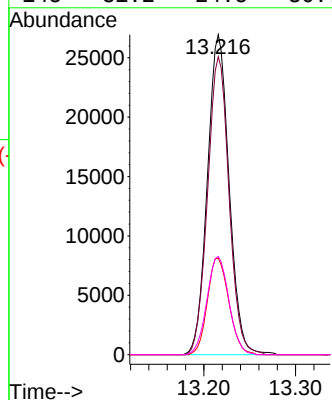
Ion Ratio Lower Upper

180 100

182 92.0 75.9 113.9

184 29.9 24.7 37.1

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.501 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

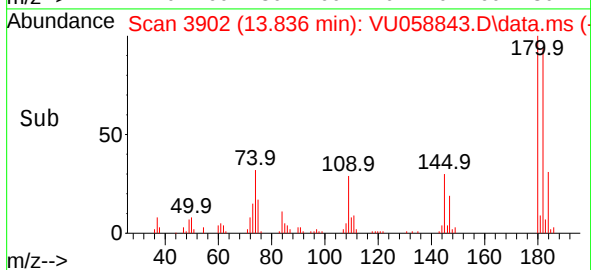
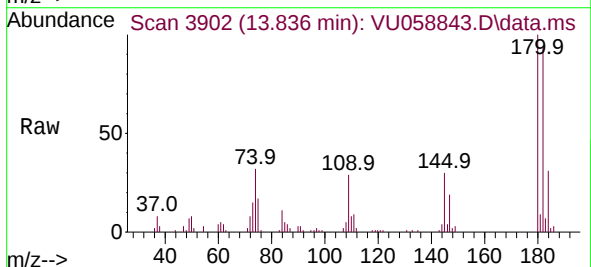
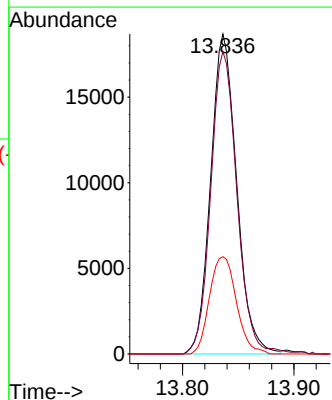
Tgt Ion:180 Resp: 30273

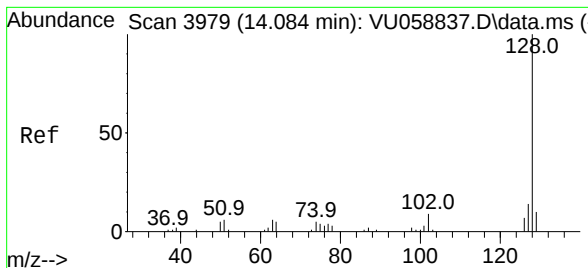
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 31.5 25.7 38.5





#71

Naphthalene

Concen: 5.154 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

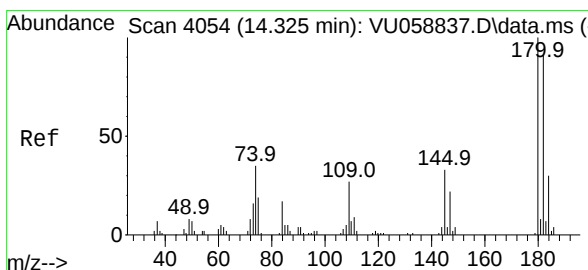
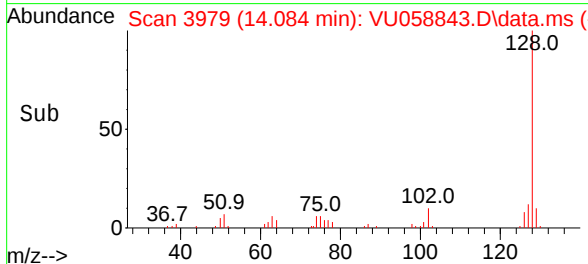
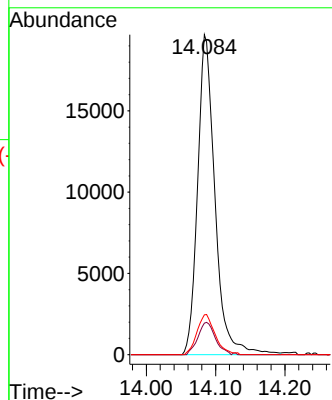
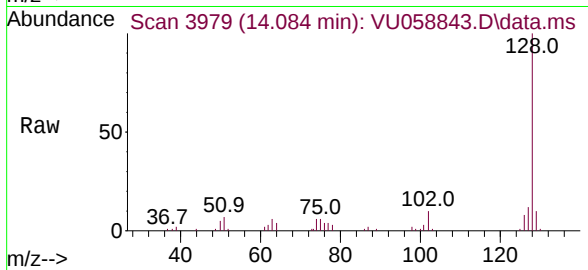
Tgt Ion:128 Resp: 34309

Ion Ratio Lower Upper

128 100

129 10.1 8.2 12.4

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 5.529 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058843.D

Acq: 07 May 2024 15:00

Tgt Ion:180 Resp: 24112

Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.6

145 33.6 27.6 41.4

