

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041724\
 Data File : VU058751.D
 Acq On : 17 Apr 2024 21:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 05:09:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 05:04:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16043	3.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.904	69	12860	3.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.557	65	8262	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.618	46	41409	44.268	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.540%
24) Chloroform-d	5.052	84	40667	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	20201	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.718	84	73822	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	22973	4.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.891	98	64208	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	8415	4.855	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	29878	41.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15729	3.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	22212	4.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	36875	6.599	ug/L	99
3) Chloromethane	1.512	50	31822	4.653	ug/L	99
5) Vinyl chloride	1.599	62	29322	4.293	ug/L	99
6) Bromomethane	1.849	94	15723	4.866	ug/L	100
8) Chloroethane	1.927	64	16233	3.762	ug/L	98
9) Trichlorofluoromethane	2.132	101	44370	4.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26596	4.962	ug/L	98
12) 1,1-Dichloroethene	2.570	96	23816	5.012	ug/L	98
13) Acetone	2.624	43	31040	38.878	ug/L	99
14) Carbon disulfide	2.785	76	82467	5.464	ug/L	97
15) Methyl Acetate	2.943	43	9083	4.822	ug/L	98
16) Methylene chloride	3.033	84	30092	4.772	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	53293	4.748	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	25219	5.064	ug/L	99
19) 1,1-Dichloroethane	3.856	63	52822	4.860	ug/L	98
21) 2-Butanone	4.695	43	50160	42.034	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	26239	4.692	ug/L	97
23) Bromochloromethane	4.965	128	10607	4.814	ug/L	98
25) Chloroform	5.074	83	52682	5.008	ug/L	98

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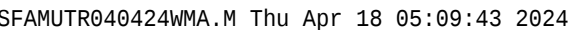
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 ClientSampleId :

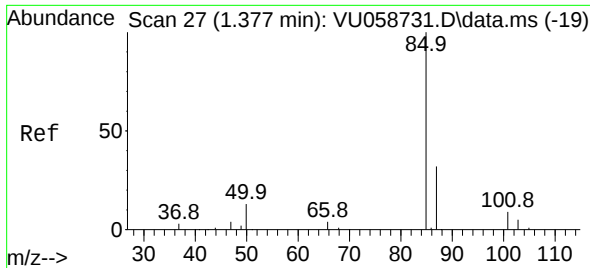
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	32230	5.031	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	46801	5.278	ug/L	98
30) Cyclohexane	5.380	56	45107	4.817	ug/L	98
31) Carbon tetrachloride	5.512	117	40899	5.446	ug/L	100
33) Benzene	5.766	78	111867	4.666	ug/L	100
34) Trichloroethene	6.534	95	29773	4.927	ug/L	95
35) Methylcyclohexane	6.756	83	45077	4.951	ug/L	100
37) 1,2-Dichloropropane	6.782	63	29110	4.615	ug/L	100
38) Bromodichloromethane	7.097	83	34877	4.844	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	38936	4.854	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	133378	44.923	ug/L	97
42) Toluene	7.962	91	116210	4.621	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	30523	4.825	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17408	4.725	ug/L	99
47) Tetrachloroethene	8.547	164	20480	4.623	ug/L	98
48) 2-Hexanone	8.679	43	97710	46.357	ug/L	97
49) Dibromochloromethane	8.801	129	19656	4.615	ug/L	100
50) 1,2-Dibromoethane	8.917	107	15756	4.677	ug/L	96
51) Chlorobenzene	9.441	112	68896	4.528	ug/L	98
52) Ethylbenzene	9.563	91	126318	4.741	ug/L	99
53) m,p-Xylene	9.688	106	45873	4.809	ug/L	92
54) o-Xylene	10.094	106	44697	4.779	ug/L	99
55) Styrene	10.106	104	75181	4.996	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19563	4.305	ug/L	97
59) Bromoform	10.283	173	10599	4.879	ug/L	99
60) Isopropylbenzene	10.476	105	122956	5.165	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	14800	4.461	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	99828	5.142	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	98235	4.956	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	53330	4.612	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	51052	4.531	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	46235	4.396	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	2695	4.790	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	36272	4.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	24878	3.773	ug/L	99
71) Naphthalene	14.084	128	28106	3.111	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	20104	3.692	ug/L	98

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

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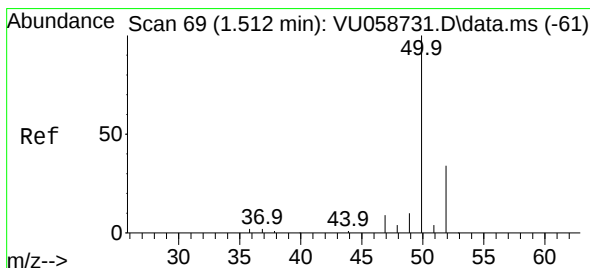
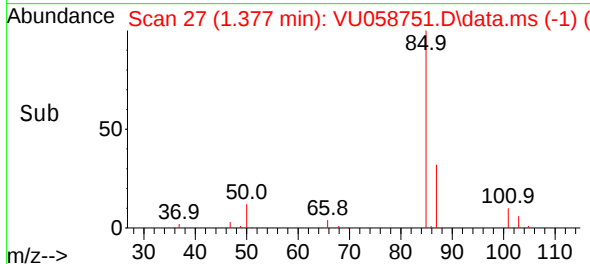
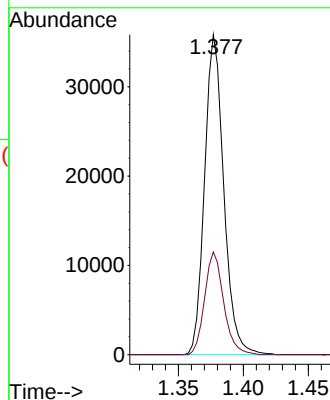
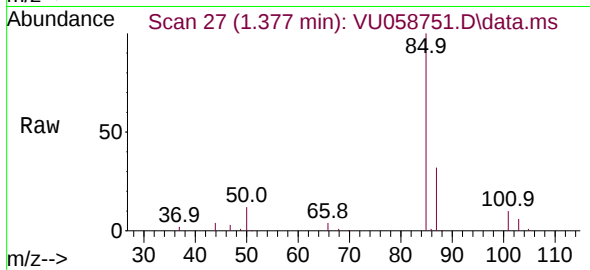




#2
Dichlorodifluoromethane
Concen: 6.599 ug/L
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

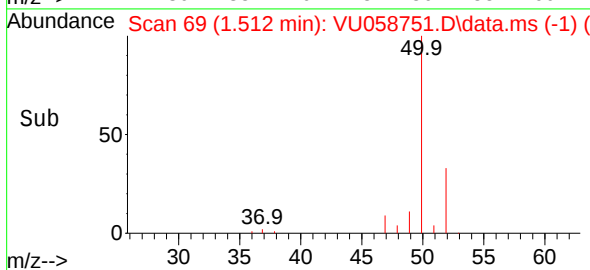
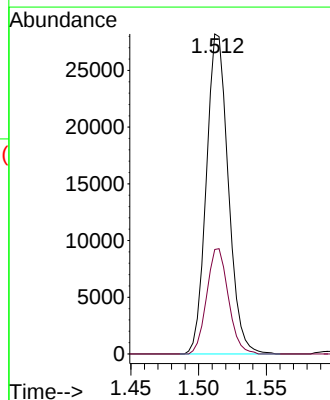
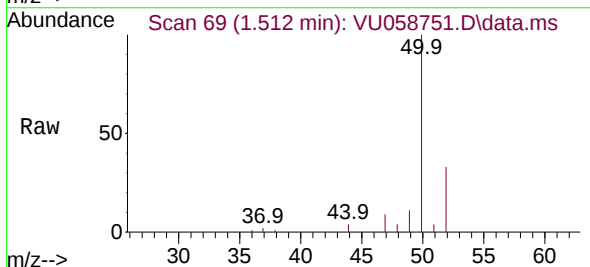
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MSVOA_U
ClientSampleId :

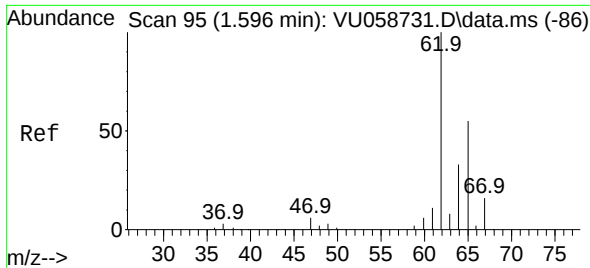
Tgt Ion: 85 Resp: 36875
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 4.653 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 50 Resp: 31822
Ion Ratio Lower Upper
50 100
52 32.6 22.6 42.0

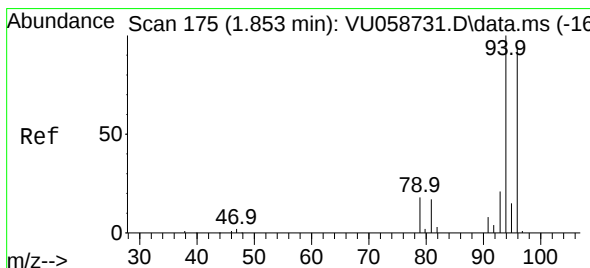
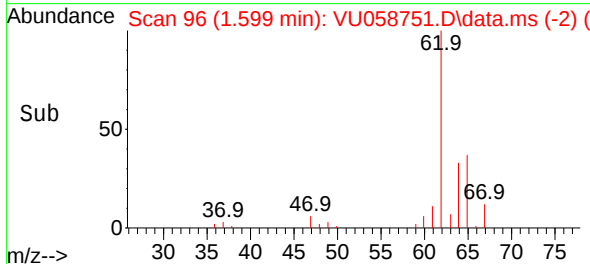
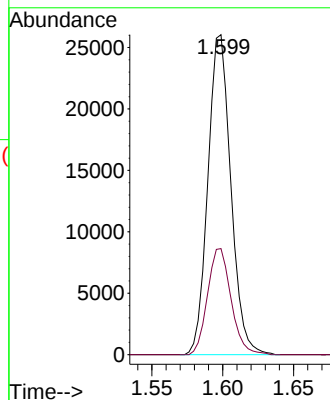
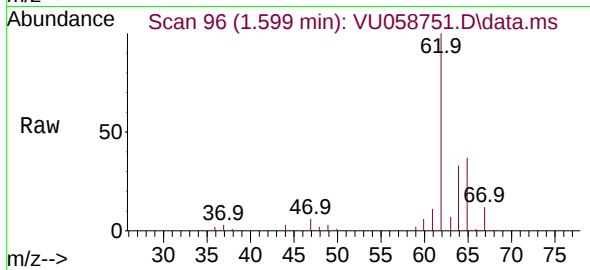




#5
 Vinyl chloride
 Concen: 4.293 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VU058751.D
 Acq: 17 Apr 2024 21:37

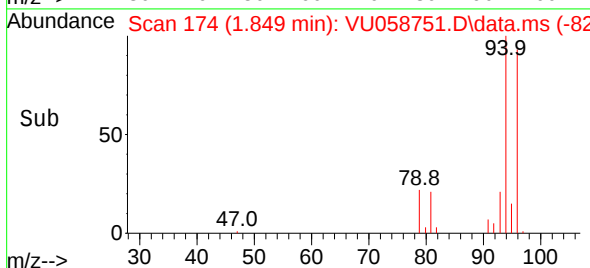
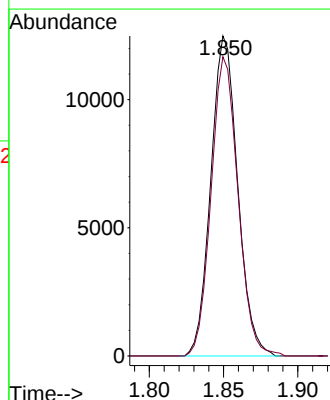
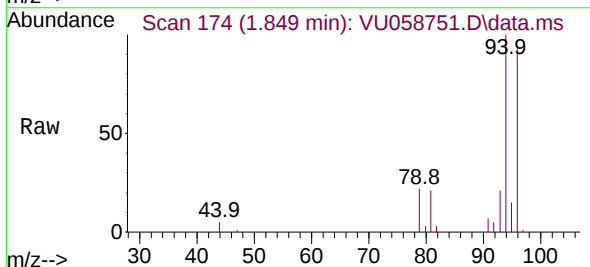
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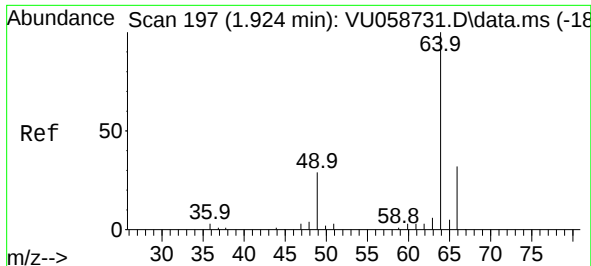
Tgt Ion: 62 Resp: 29322
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.6 42.0



#6
 Bromomethane
 Concen: 4.866 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU058751.D
 Acq: 17 Apr 2024 21:37

Tgt Ion: 94 Resp: 15723
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.4 121.4

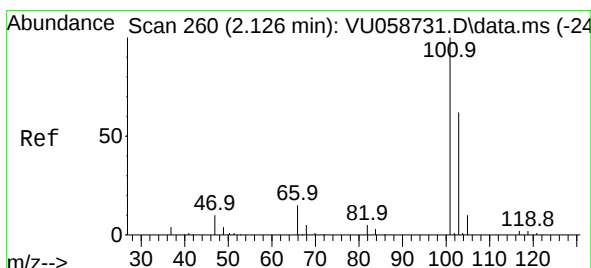
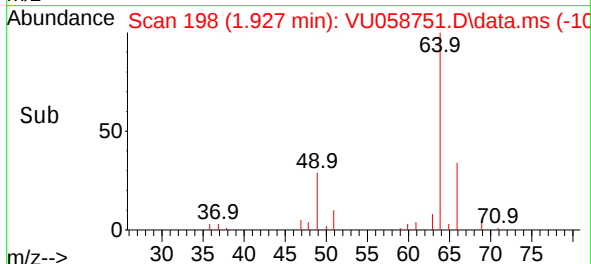
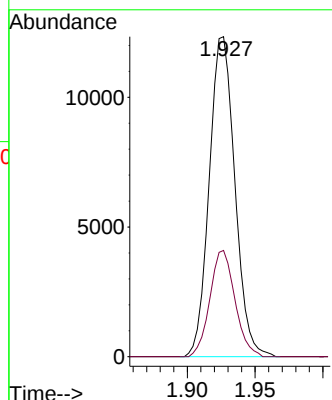
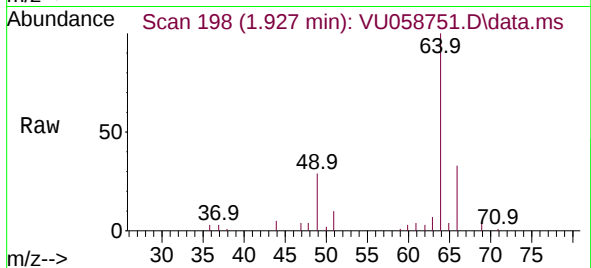




#8
Chloroethane
Concen: 3.762 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

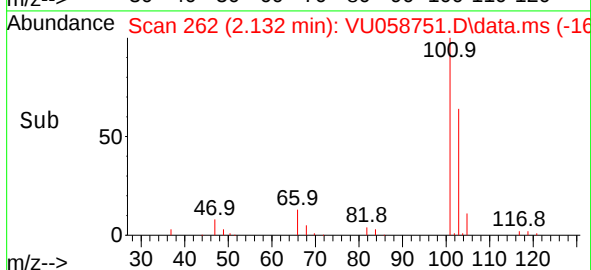
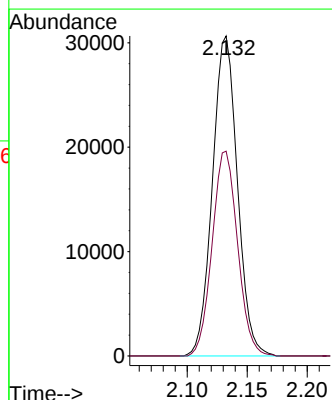
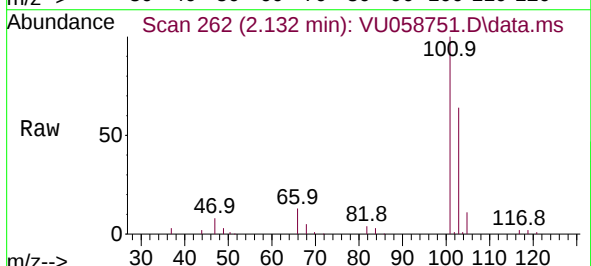
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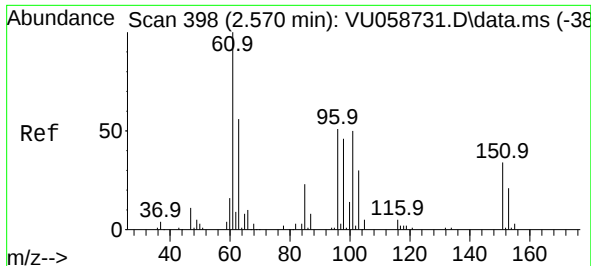
Tgt Ion: 64 Resp: 16233
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.919 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.006 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion:101 Resp: 44370
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

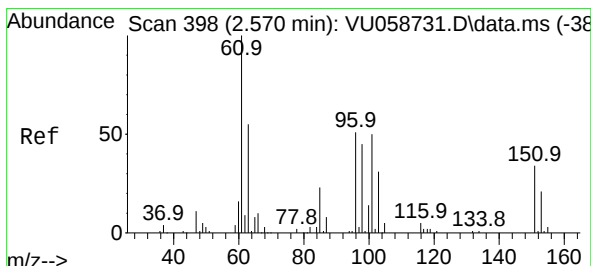
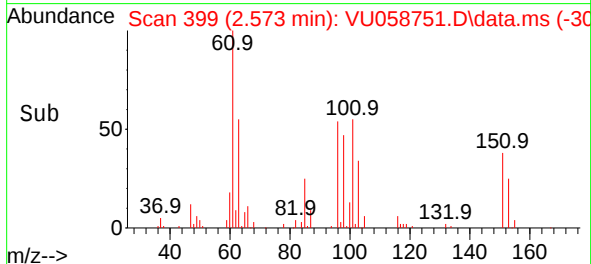
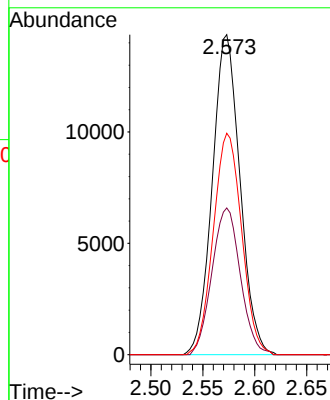
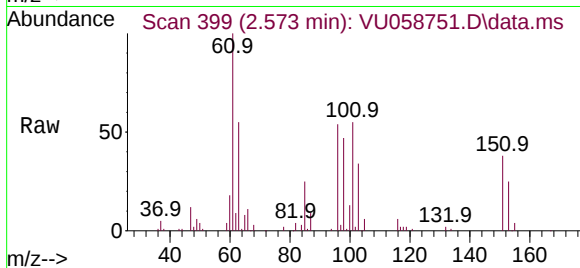




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.962 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

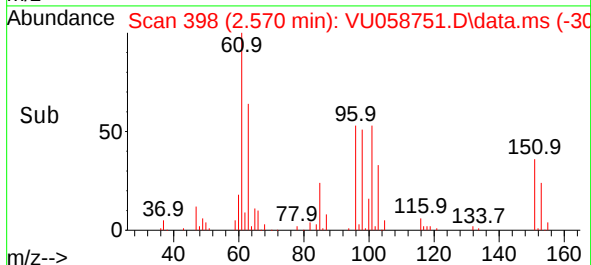
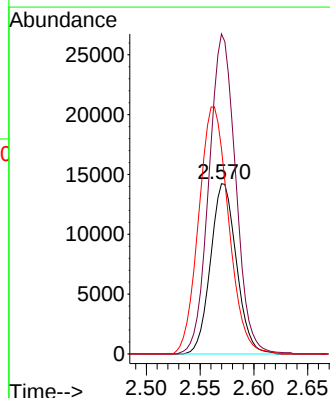
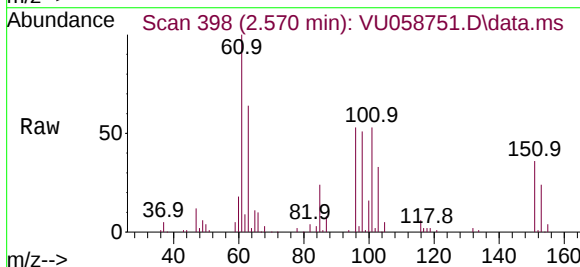
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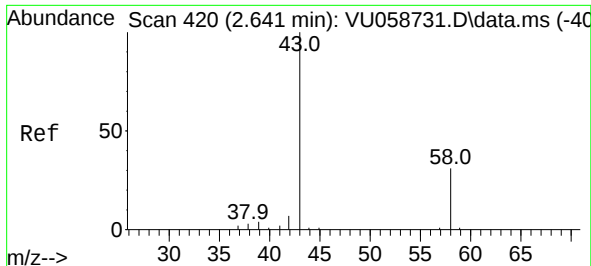
Tgt Ion:101 Resp: 26596
Ion Ratio Lower Upper
101 100
85 47.1 36.8 55.2
151 70.9 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.012 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 96 Resp: 23816
Ion Ratio Lower Upper
96 100
61 187.9 132.5 246.1
63 120.5 87.7 162.9





#13

Acetone

Concen: 38.878 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

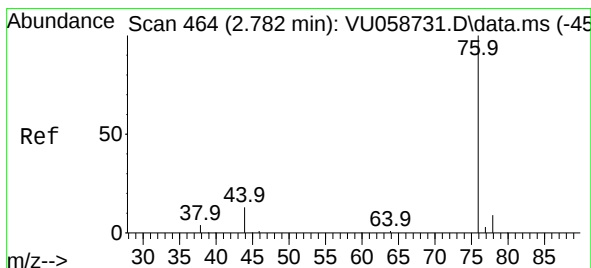
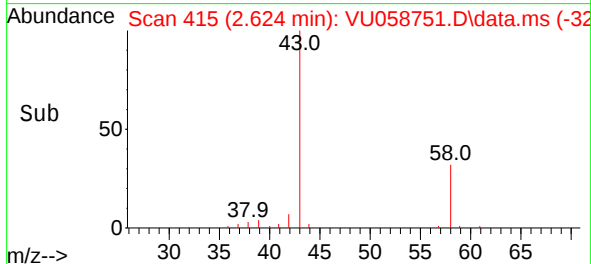
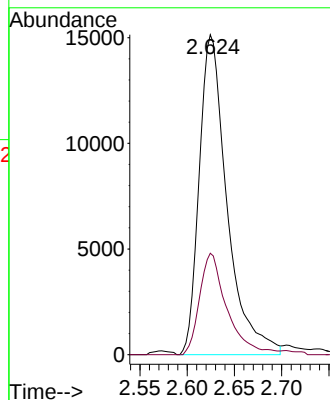
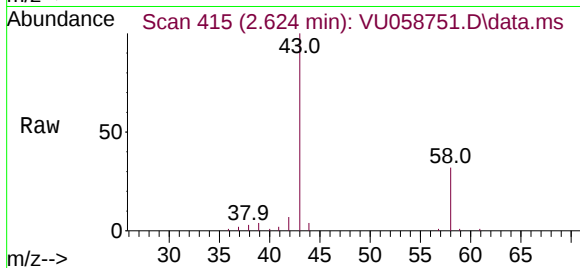
ClientSampleId :

Tgt Ion: 43 Resp: 31040

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.4



#14

Carbon disulfide

Concen: 5.464 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU058751.D

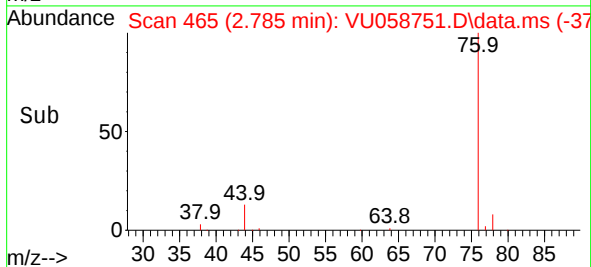
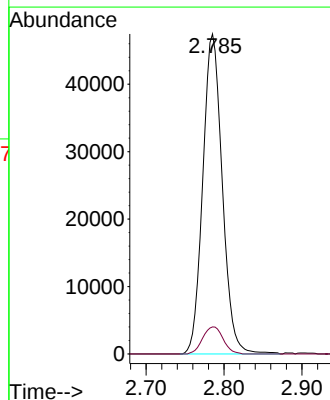
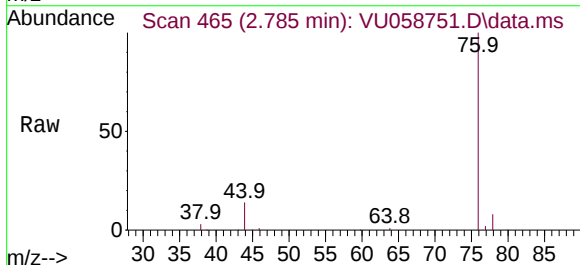
Acq: 17 Apr 2024 21:37

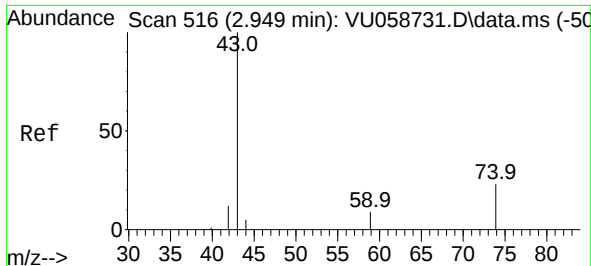
Tgt Ion: 76 Resp: 82467

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3





#15

Methyl Acetate

Concen: 4.822 ug/L

RT: 2.943 min Scan# 516

Delta R.T. -0.006 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

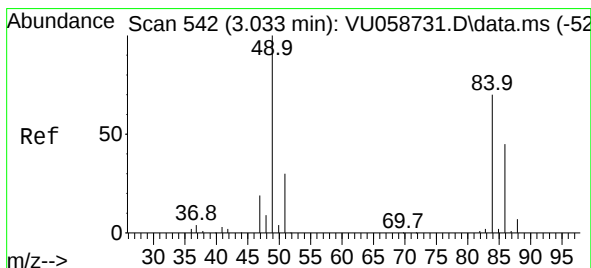
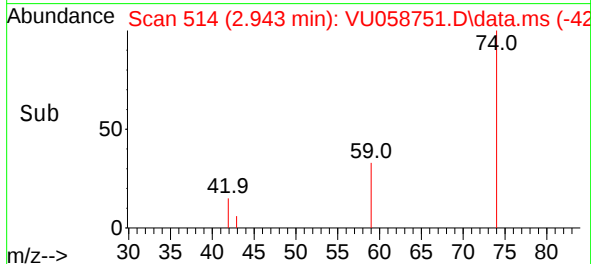
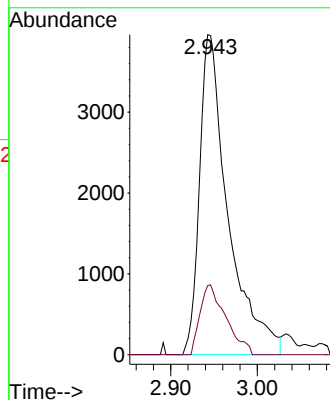
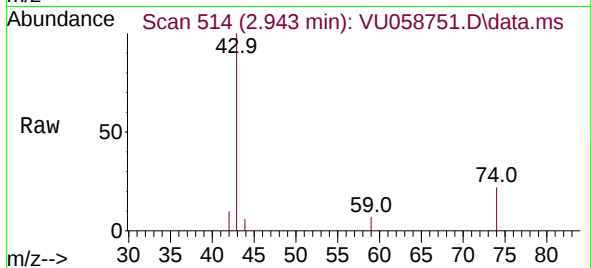
ClientSampleId :

Tgt Ion: 43 Resp: 9083

Ion Ratio Lower Upper

43 100

74 19.7 16.6 25.0



#16

Methylene chloride

Concen: 4.772 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

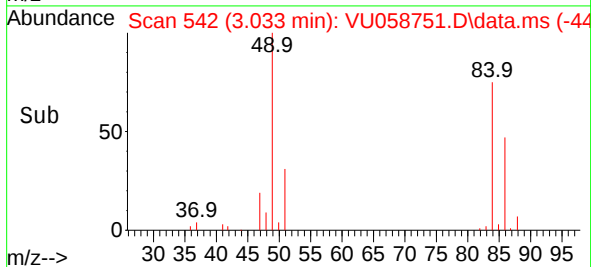
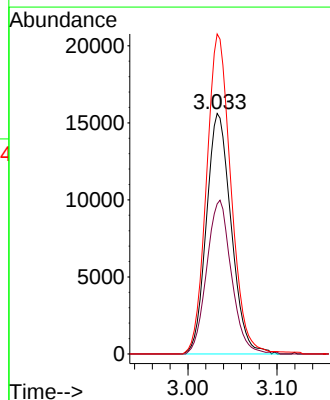
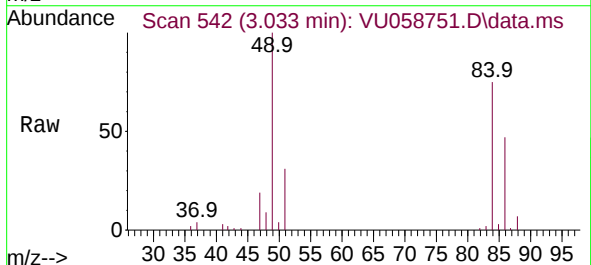
Tgt Ion: 84 Resp: 30092

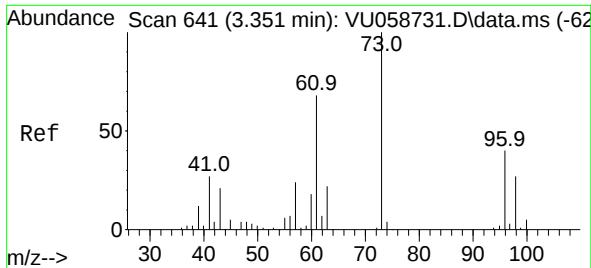
Ion Ratio Lower Upper

84 100

86 62.4 44.3 82.3

49 133.1 96.0 178.2

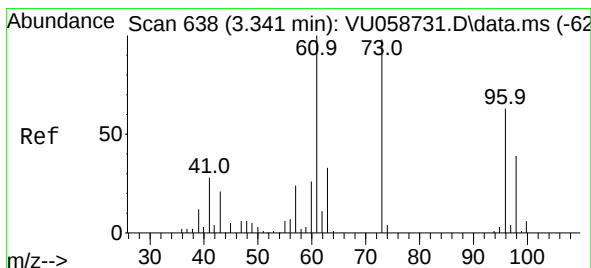
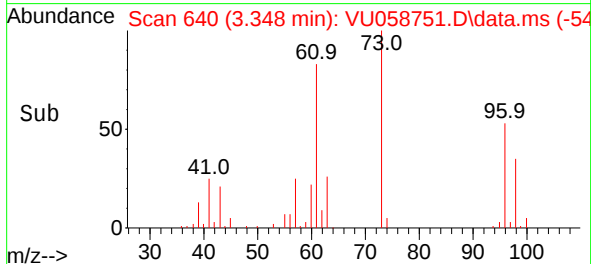
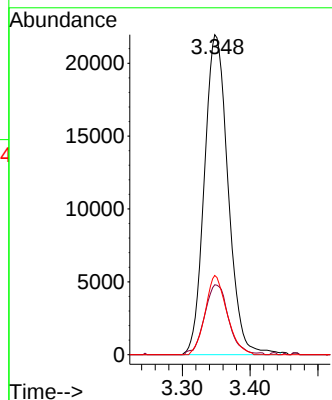
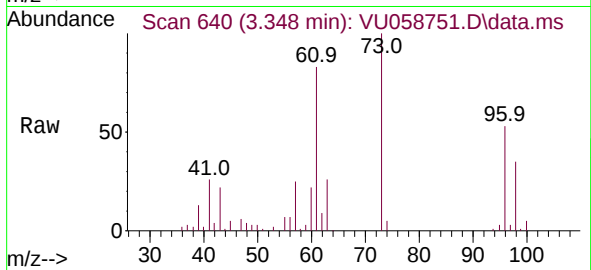




#17
Methyl tert-butyl Ether
Concen: 4.748 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

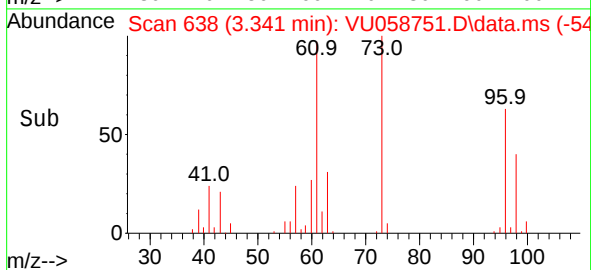
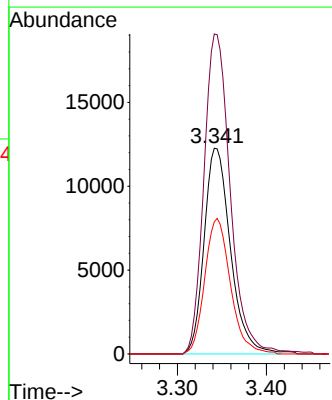
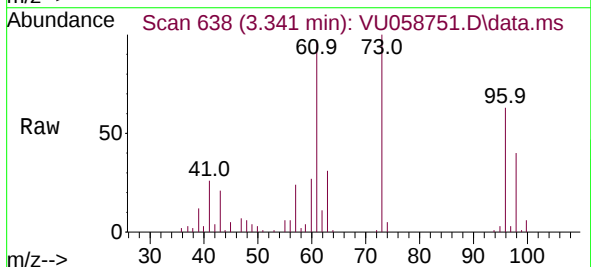
Instrument :
MSVOA_U
ClientSampleId :

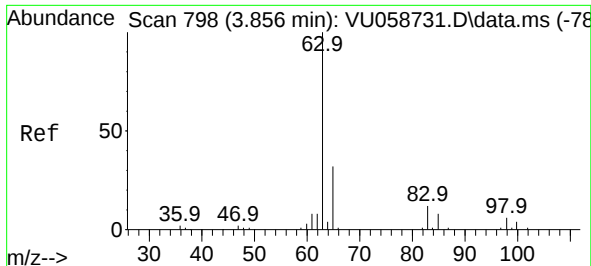
Tgt Ion: 73 Resp: 53293
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 22.8 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 96 Resp: 25219
Ion Ratio Lower Upper
96 100
61 155.5 107.6 199.8
98 64.2 45.1 83.7

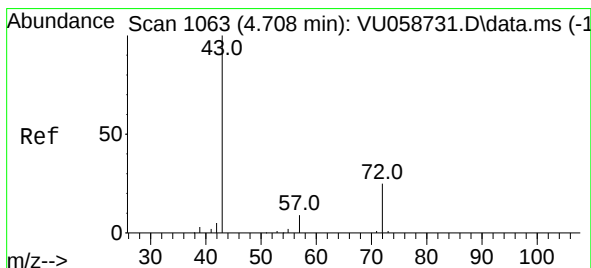
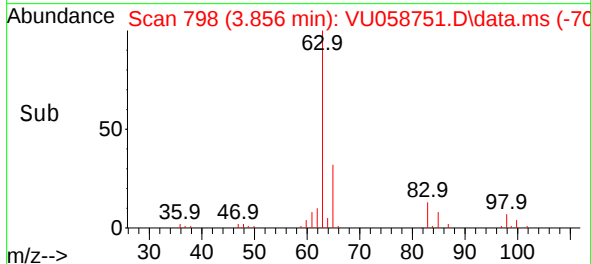
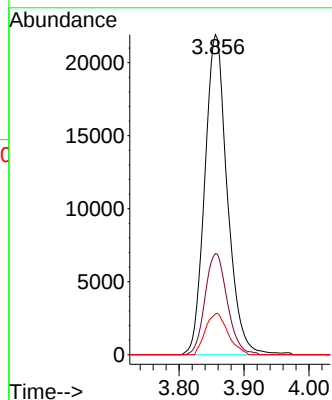
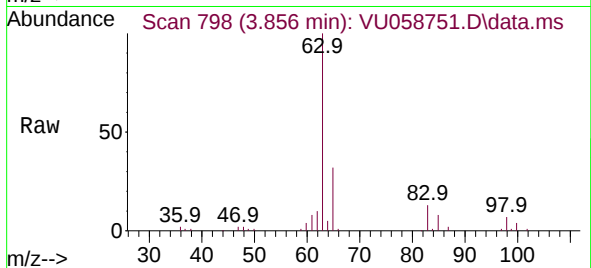




#19
1,1-Dichloroethane
Concen: 4.860 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

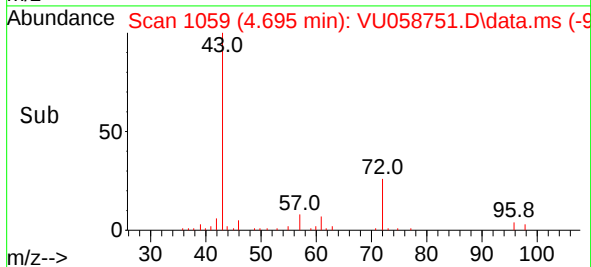
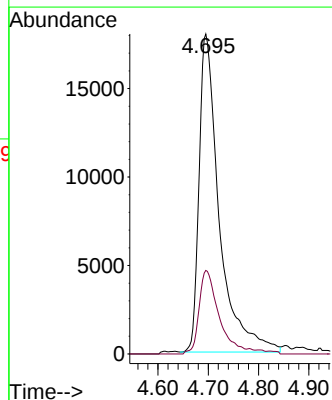
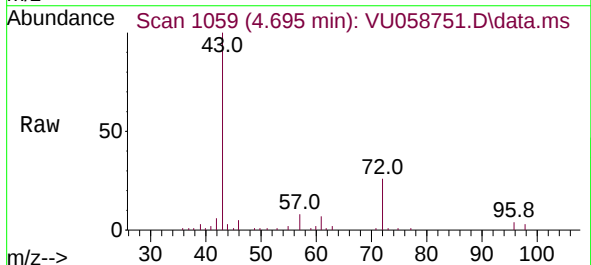
Instrument :
MSVOA_U
ClientSampleId :

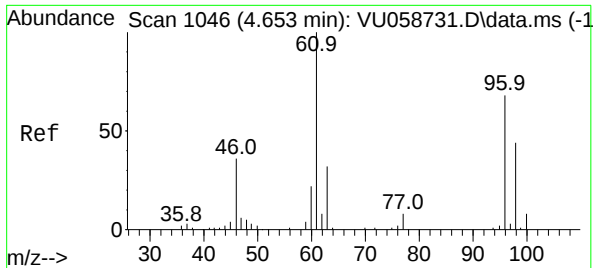
Tgt Ion: 63 Resp: 52822
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 12.8 9.6 17.8



#21
2-Butanone
Concen: 42.034 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 43 Resp: 50160
Ion Ratio Lower Upper
43 100
72 25.5 11.7 35.0

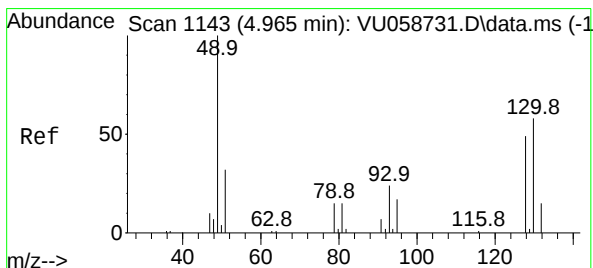
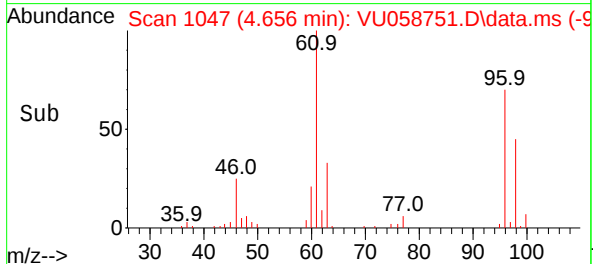
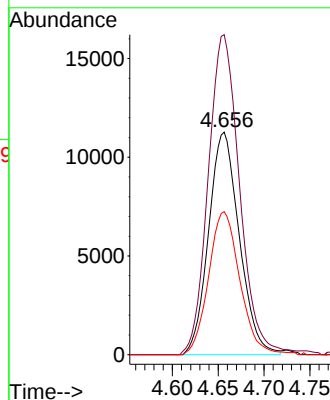
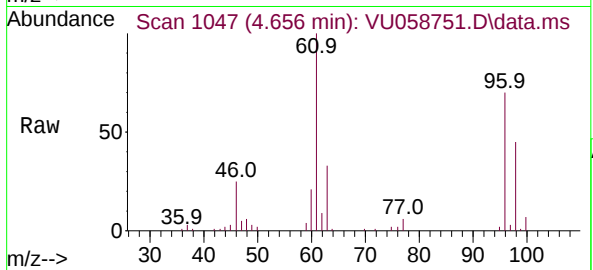




#22
cis-1,2-Dichloroethene
Concen: 4.692 ug/L
RT: 4.656 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

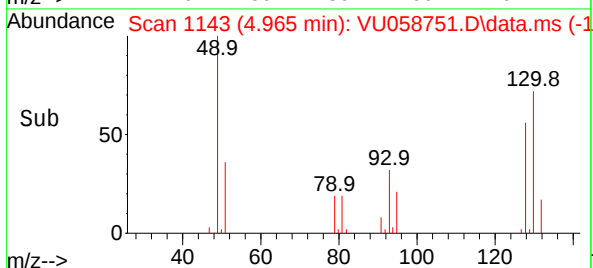
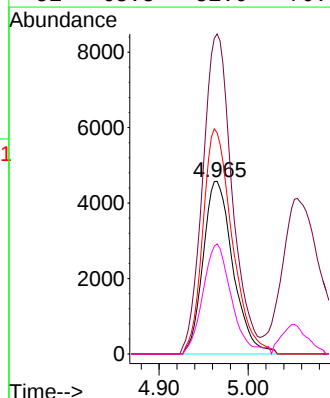
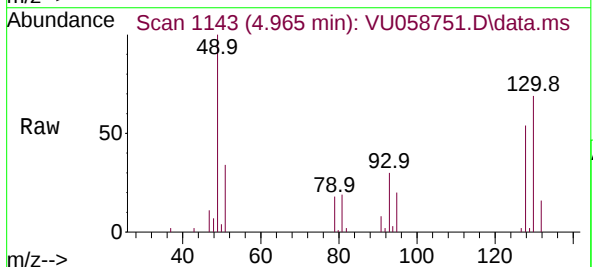
Instrument :
MSVOA_U
ClientSampleId :

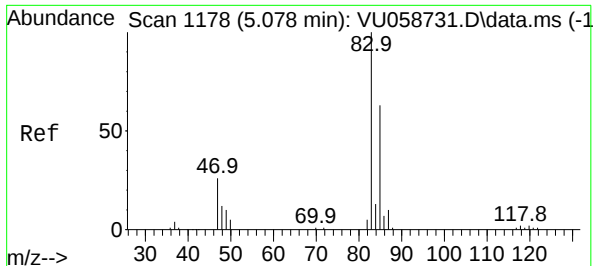
Tgt Ion: 96	Resp: 26239
Ion Ratio	Lower Upper
96 100	
61 143.8	98.1 182.3
98 64.3	43.6 81.0



#23
Bromochloromethane
Concen: 4.814 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt	Ion:128	Resp:	10607
Ion	Ratio	Lower	Upper
128	100		
49	185.4	134.4	249.6
130	128.1	90.0	167.2
51	63.8	51.0	76.6

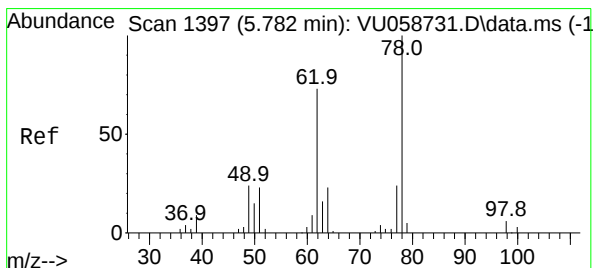
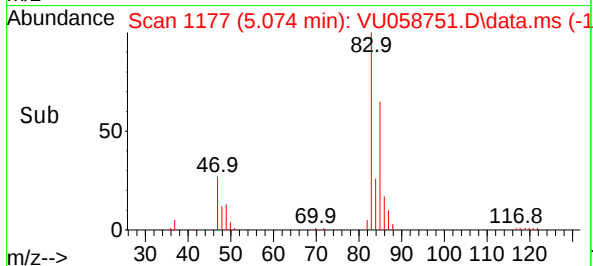
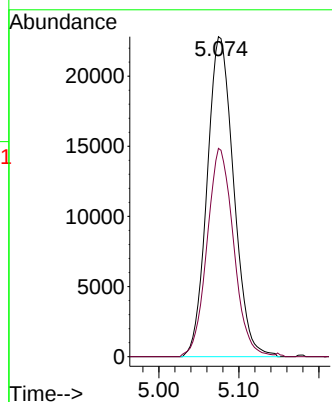
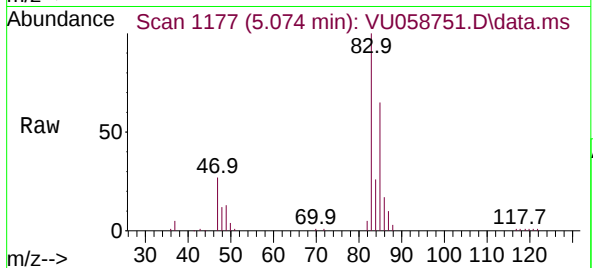




#25
Chloroform
Concen: 5.008 ug/L
RT: 5.074 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

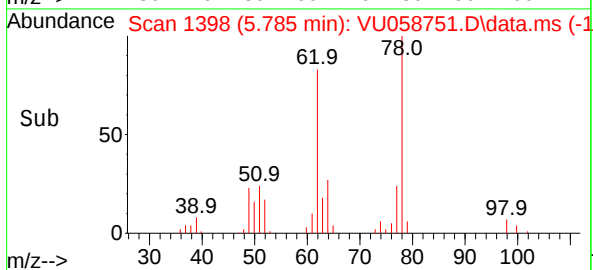
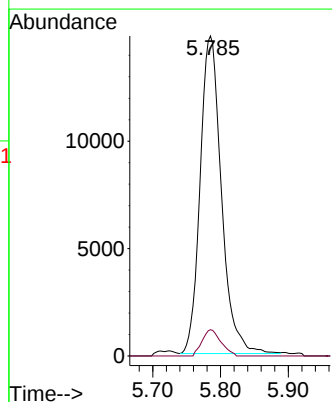
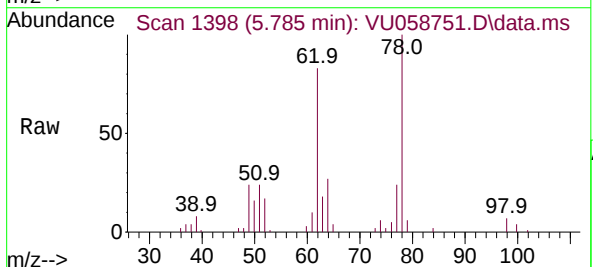
Instrument :
MSVOA_U
ClientSampleId :

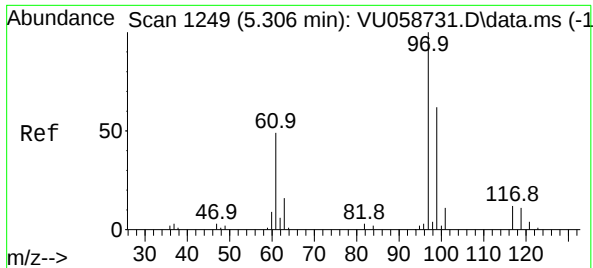
Tgt Ion: 83 Resp: 52682
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.031 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 62 Resp: 32230
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.4

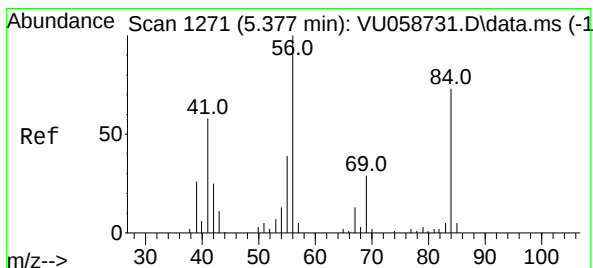
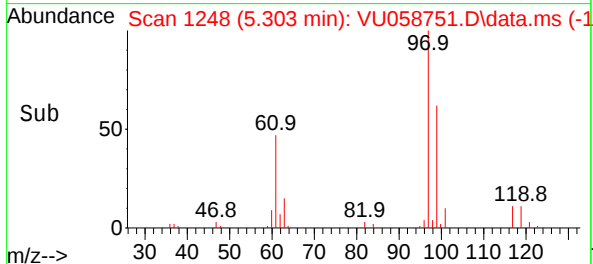
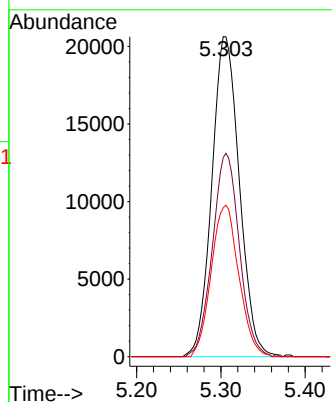
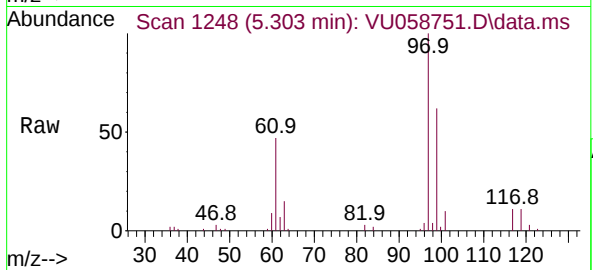




#29
1,1,1-Trichloroethane
Concen: 5.278 ug/L
RT: 5.303 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

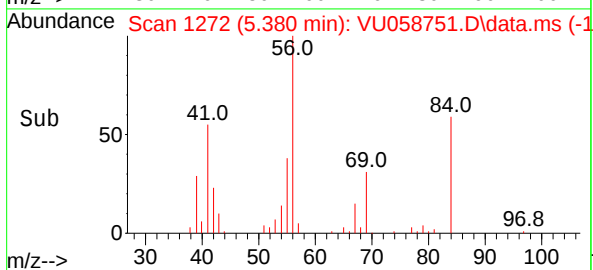
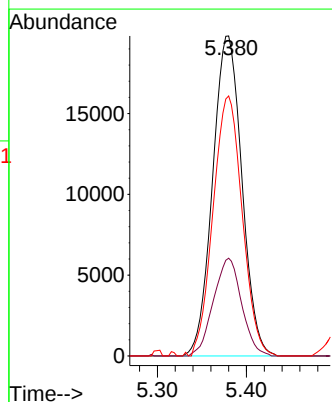
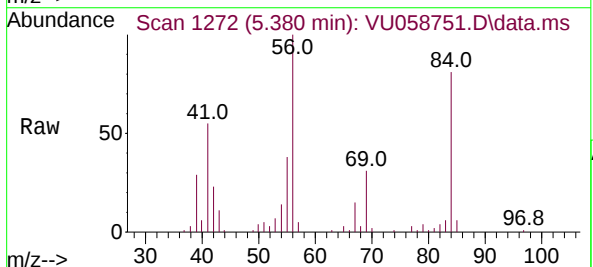
Instrument :
MSVOA_U
ClientSampleId :

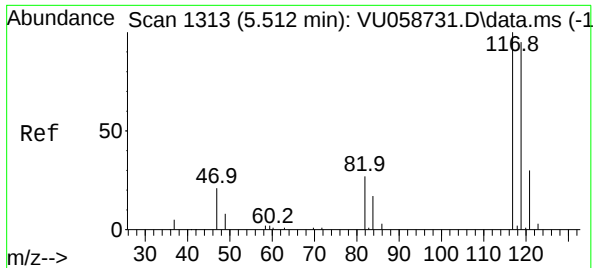
Tgt Ion: 97	Resp: 46801
Ion Ratio	Lower Upper
97	100
99	62.3 50.4 75.6
61	47.5 39.4 59.0



#30
Cyclohexane
Concen: 4.817 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 56	Resp: 45107
Ion Ratio	Lower Upper
56	100
69	29.4 23.2 34.8
84	80.9 63.3 94.9

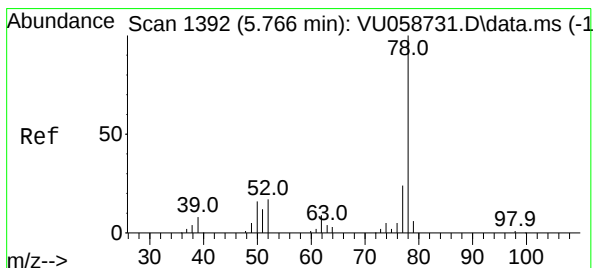
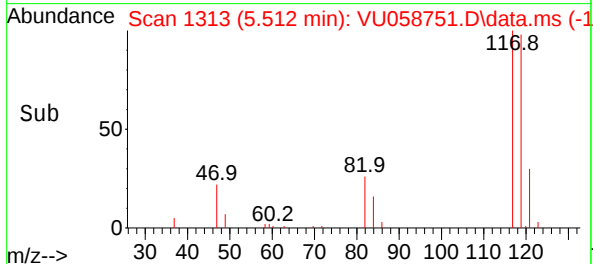
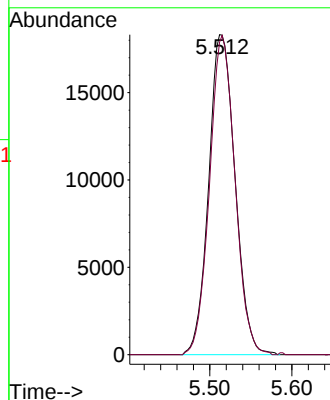
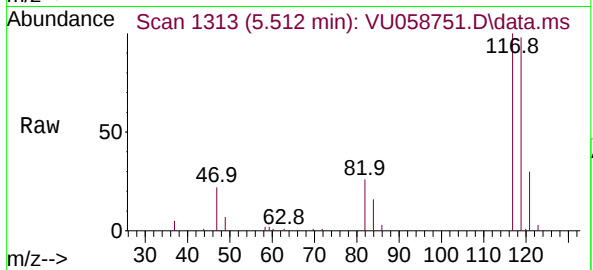




#31
Carbon tetrachloride
Concen: 5.446 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

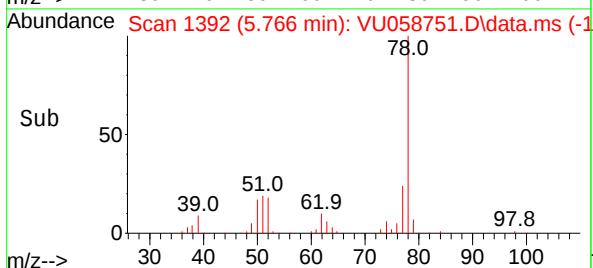
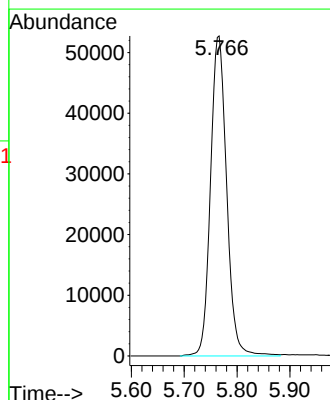
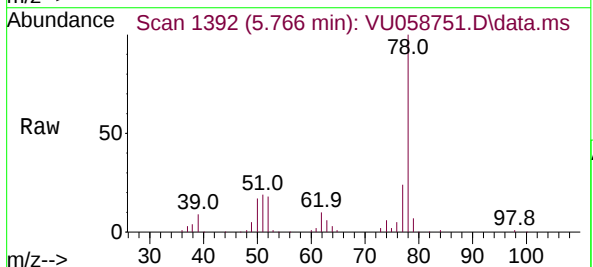
Instrument :
MSVOA_U
ClientSampleId :

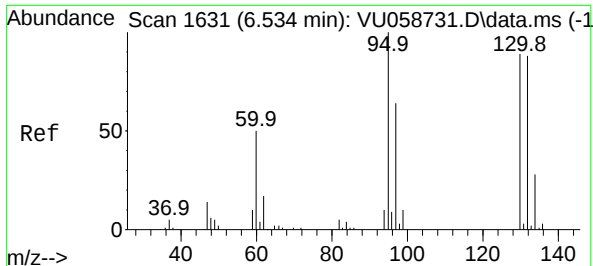
Tgt Ion:117 Resp: 40899
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#33
Benzene
Concen: 4.666 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

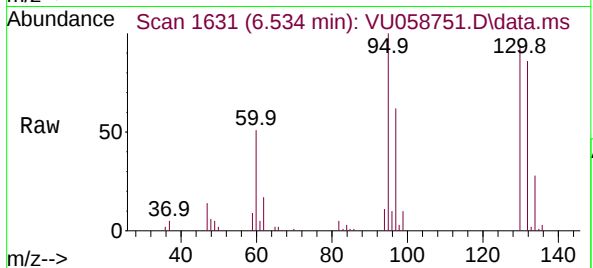
Tgt Ion: 78 Resp: 111867



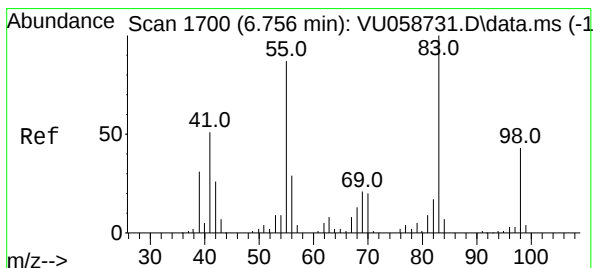
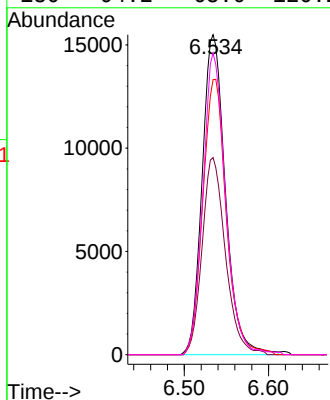
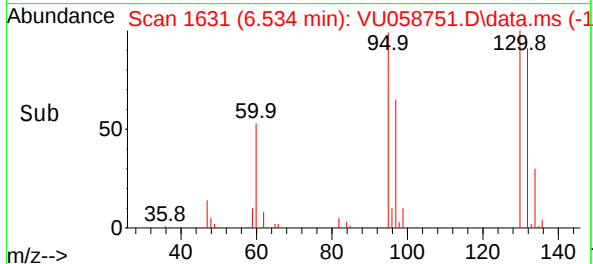


#34
Trichloroethene
Concen: 4.927 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

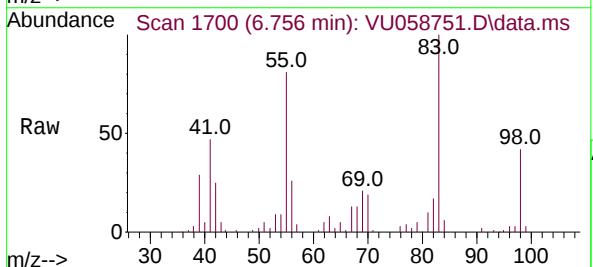
Instrument :
MSVOA_U
ClientSampleId :



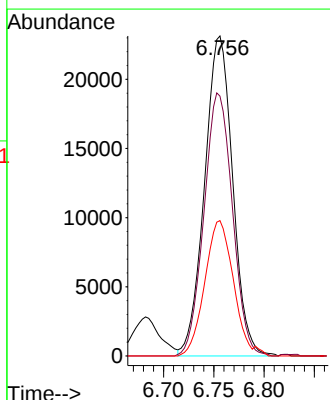
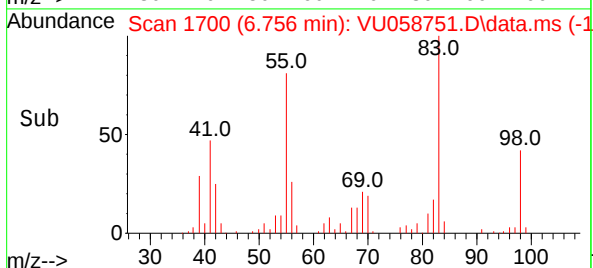
Tgt Ion: 95 Resp: 29773
Ion Ratio Lower Upper
95 100
97 61.6 45.6 84.6
132 86.0 64.8 120.3
130 94.2 68.0 126.2

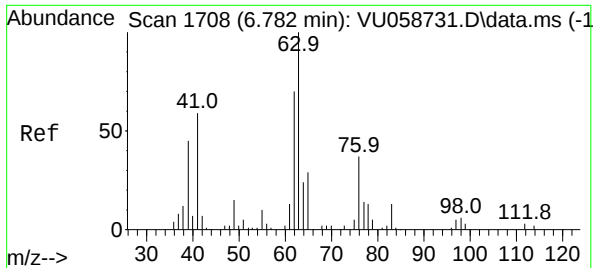


#35
Methylcyclohexane
Concen: 4.951 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37



Tgt Ion: 83 Resp: 45077
Ion Ratio Lower Upper
83 100
55 83.1 66.2 99.4
98 43.1 34.6 52.0

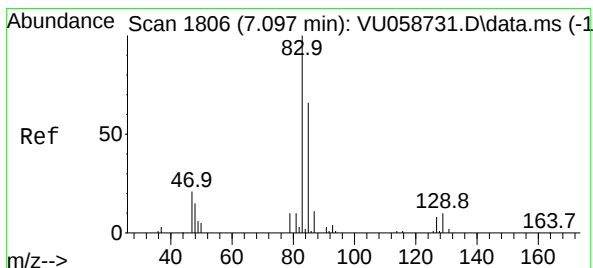
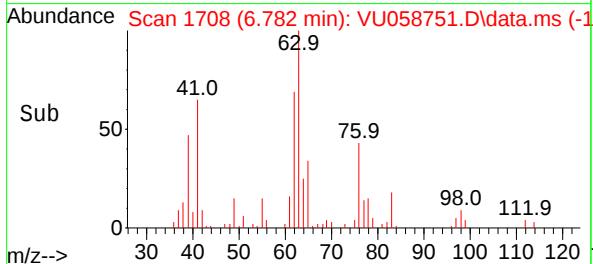
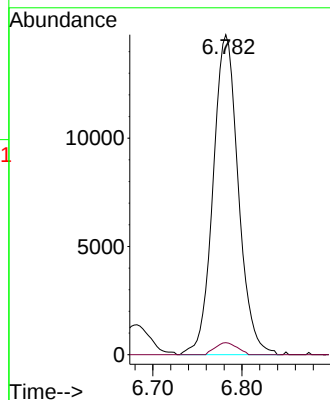
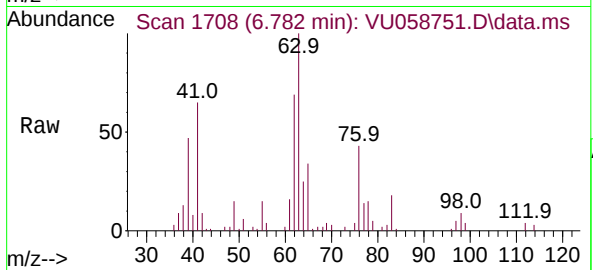




#37
1,2-Dichloropropane
Concen: 4.615 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

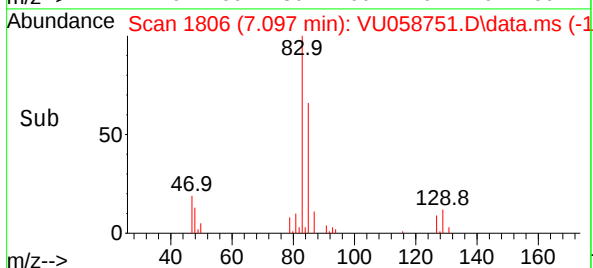
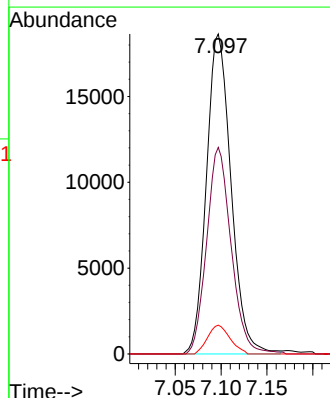
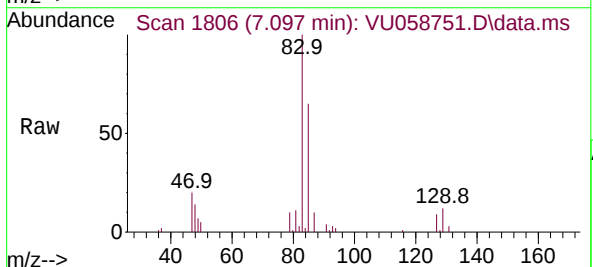
Instrument :
MSVOA_U
ClientSampleId :

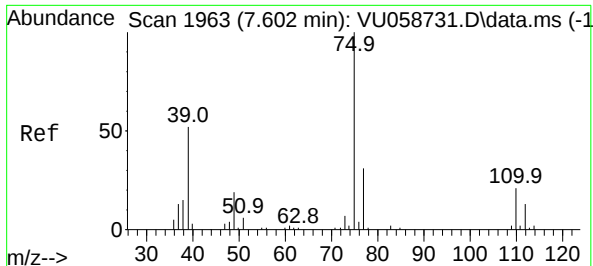
Tgt Ion: 63 Resp: 29110
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



#38
Bromodichloromethane
Concen: 4.844 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion: 83 Resp: 34877
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 9.0 6.5 9.7

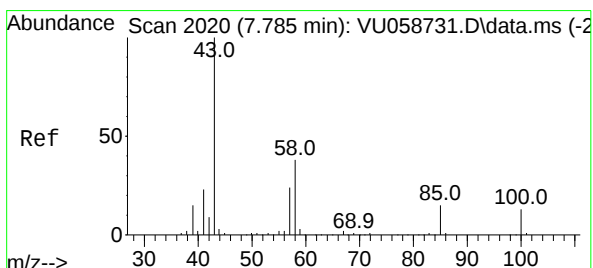
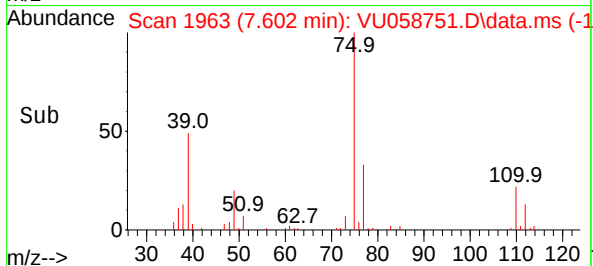
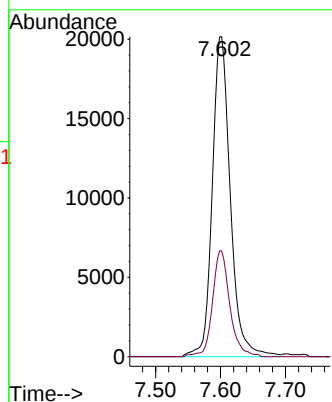
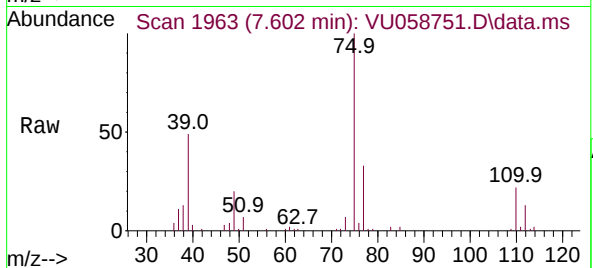




#39
 cis-1,3-Dichloropropene
 Concen: 4.854 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058751.D
 Acq: 17 Apr 2024 21:37

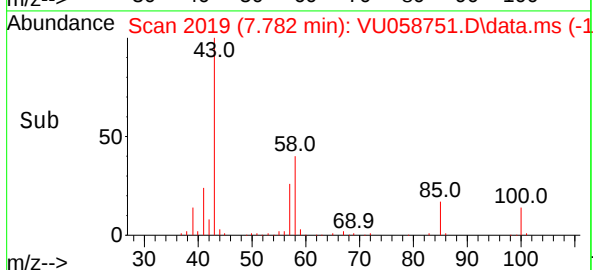
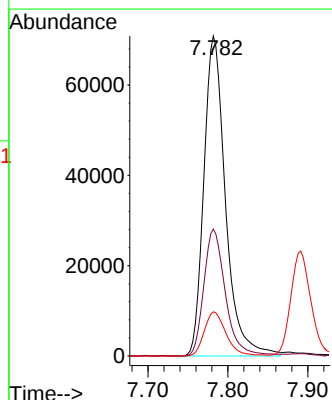
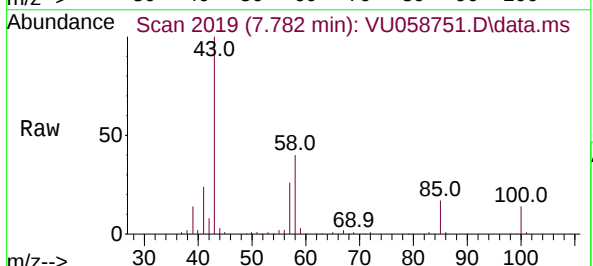
Instrument :
 MSVOA_U
 ClientSampleId :

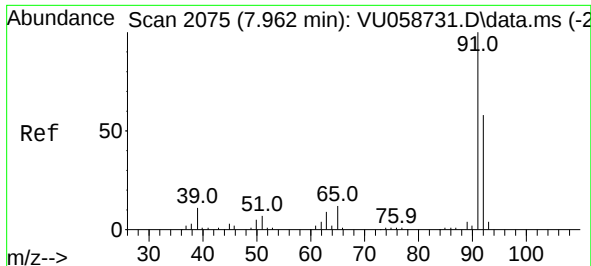
Tgt Ion: 75 Resp: 38936
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 44.923 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058751.D
 Acq: 17 Apr 2024 21:37

Tgt Ion: 43 Resp: 133378
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.4 45.6
 100 14.0 10.3 15.5





#42

Toluene

Concen: 4.621 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

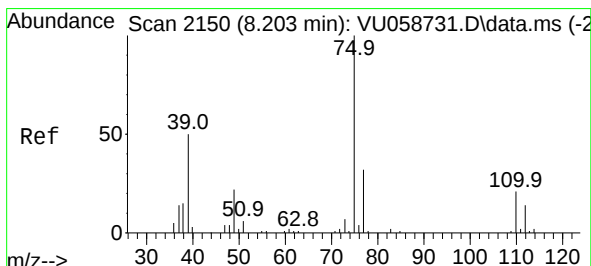
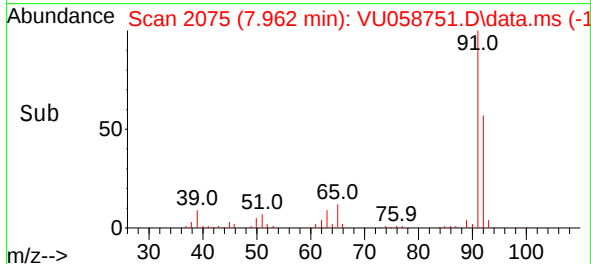
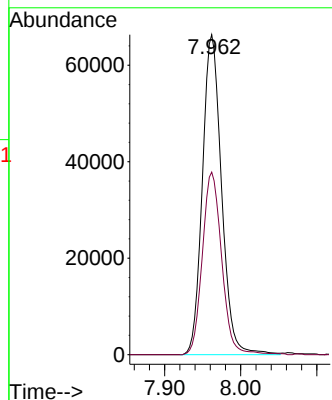
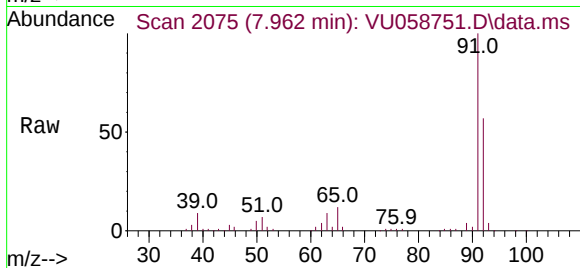
ClientSampleId :

Tgt Ion: 91 Resp: 116210

Ion Ratio Lower Upper

91 100

92 57.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.825 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058751.D

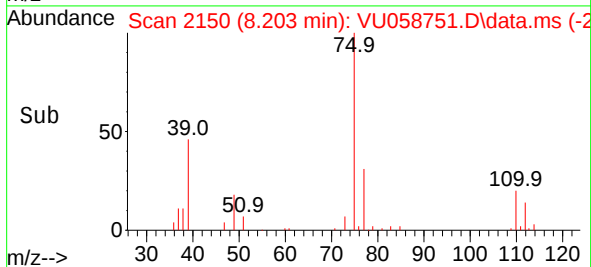
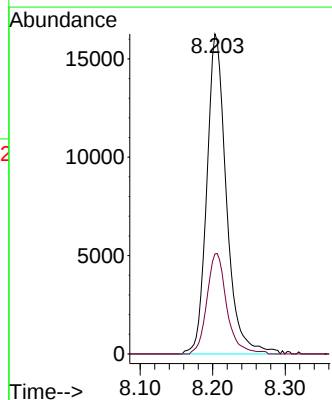
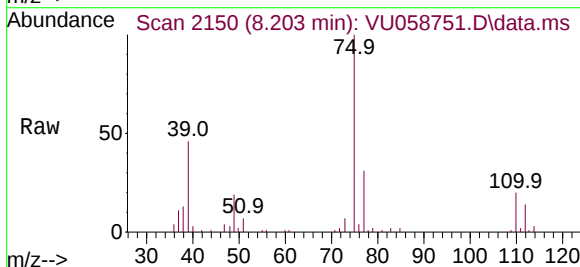
Acq: 17 Apr 2024 21:37

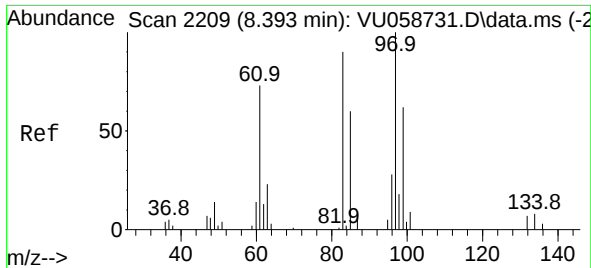
Tgt Ion: 75 Resp: 30523

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2

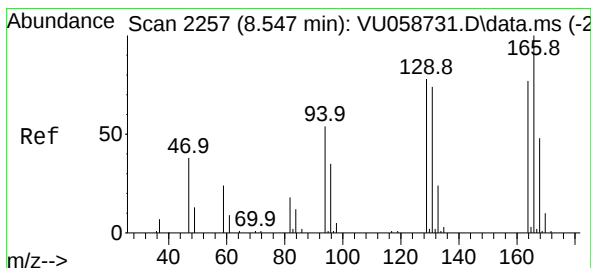
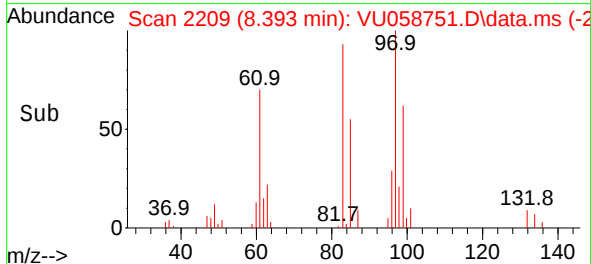
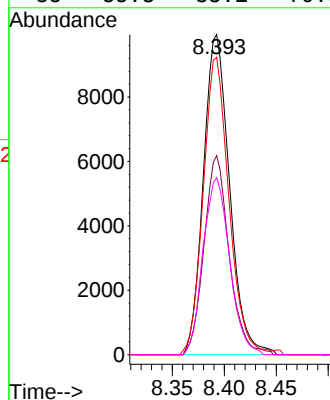
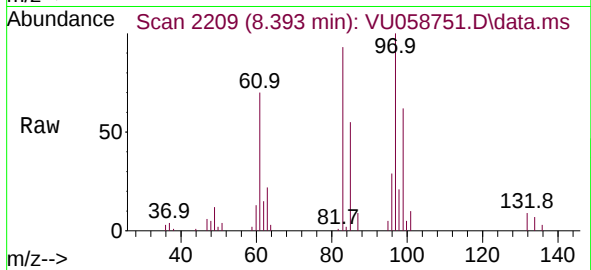




#45
1,1,2-Trichloroethane
Concen: 4.725 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

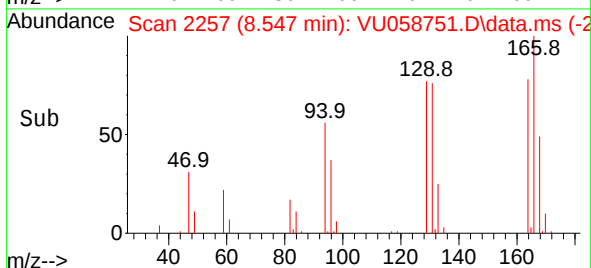
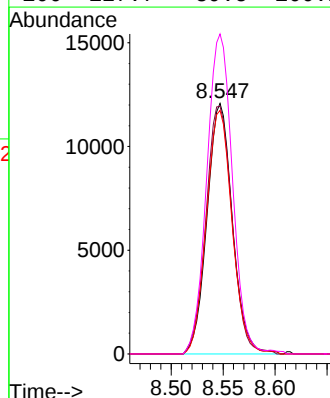
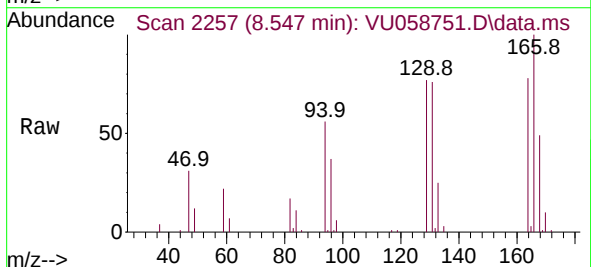
Instrument :
MSVOA_U
ClientSampleId :

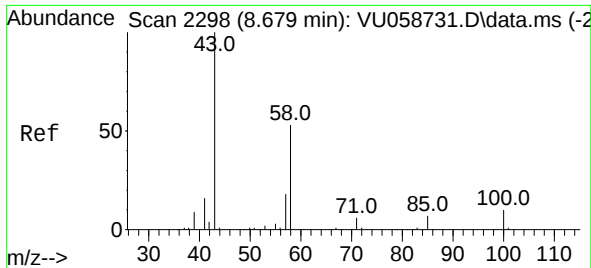
Tgt Ion:	97	Resp:	17408
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	92.9	64.5	119.7
85	55.3	38.1	70.9



#47
Tetrachloroethene
Concen: 4.623 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion:	164	Resp:	20480
Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.3	125.1
131	97.2	65.5	121.6
166	127.7	89.5	166.1

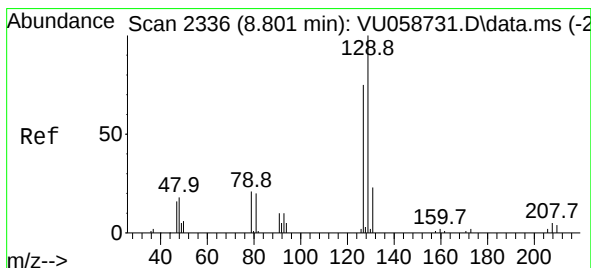
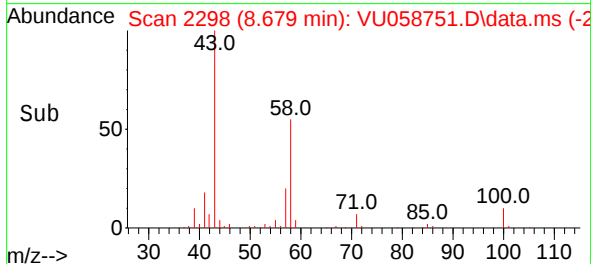
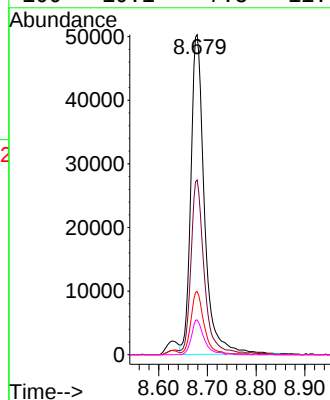
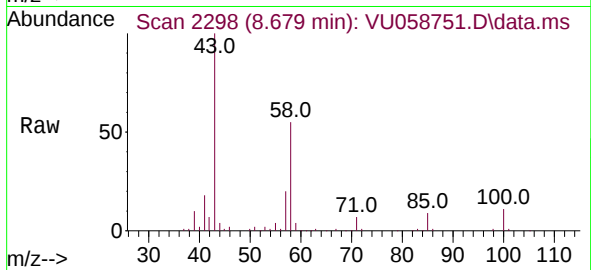




#48
2-Hexanone
Concen: 46.357 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

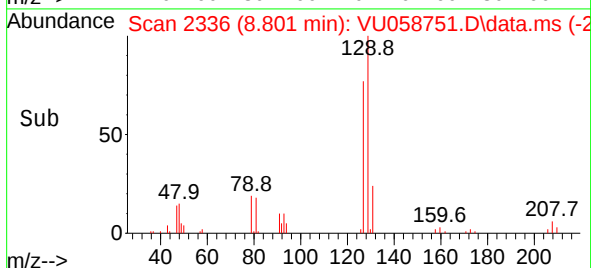
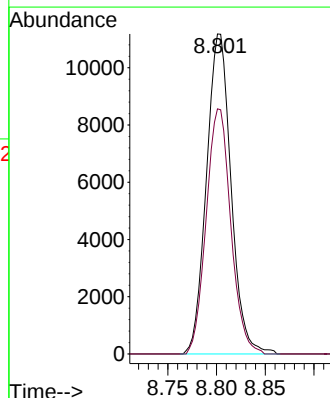
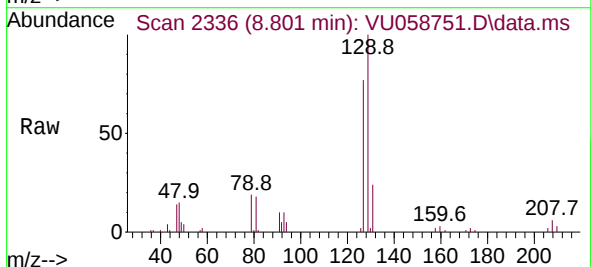
Instrument :
MSVOA_U
ClientSampleId :

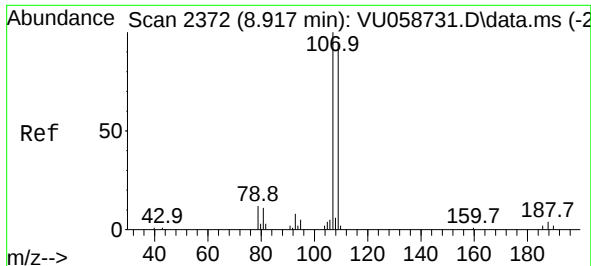
Tgt Ion: 43	Resp: 97710
Ion Ratio	Lower Upper
43 100	
58 51.6	43.2 64.8
57 18.7	15.4 23.0
100 10.1	7.8 11.6



#49
Dibromochloromethane
Concen: 4.615 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion:129	Resp: 19656
Ion Ratio	Lower Upper
129 100	
127 76.6	53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.677 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

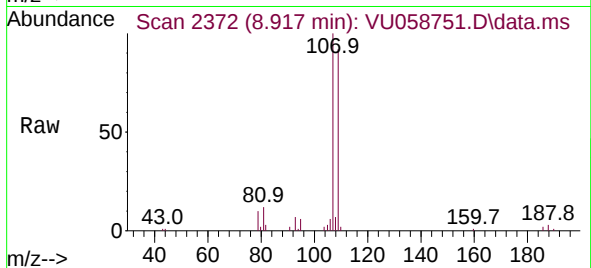
Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

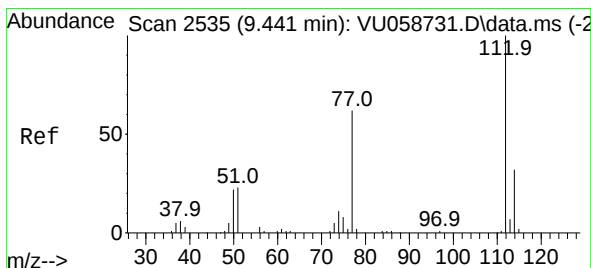
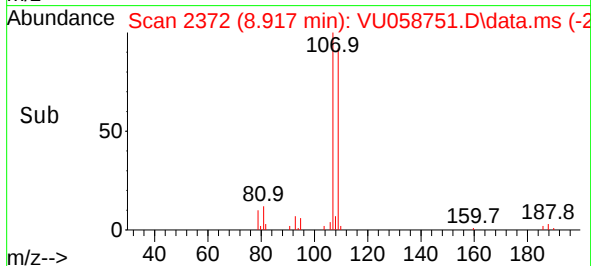
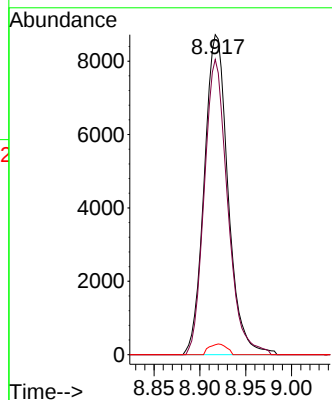
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	15756
Ion	Ratio	Lower	Upper
107	100		
109	92.3	67.3	124.9
188	3.1	2.5	3.7



#51

Chlorobenzene

Concen: 4.528 ug/L

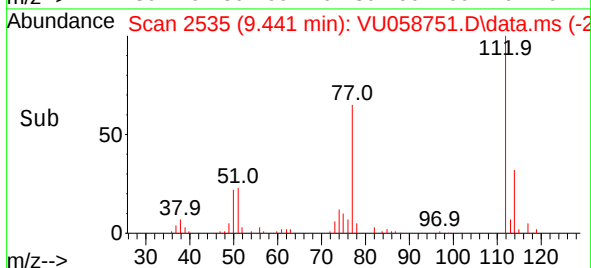
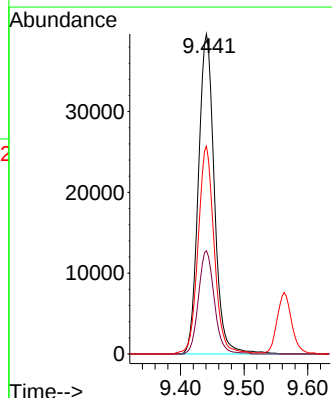
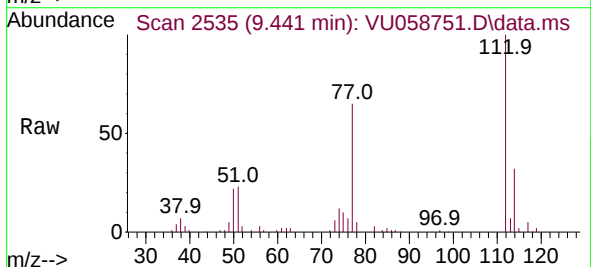
RT: 9.441 min Scan# 2535

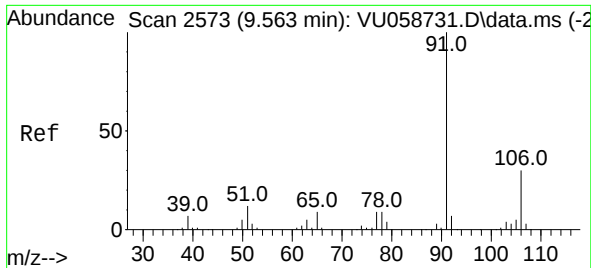
Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Tgt Ion:	112	Resp:	68896
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	64.9	50.1	75.1

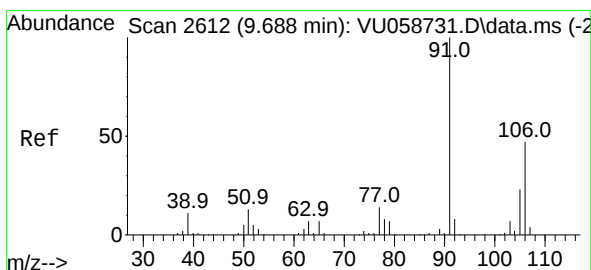
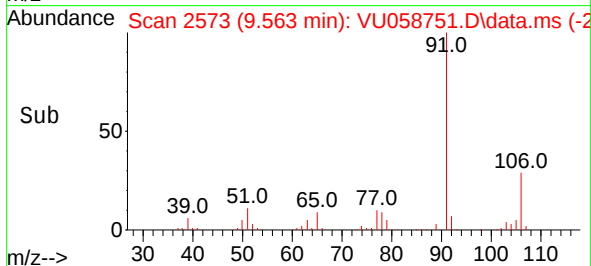
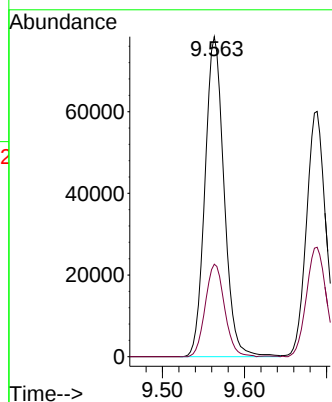
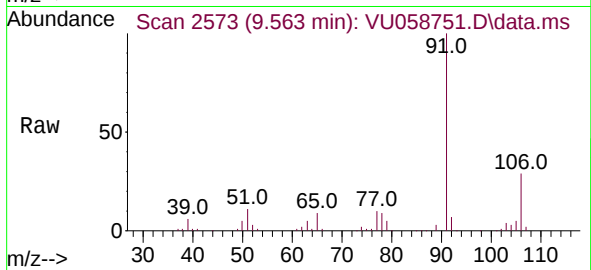




#52
Ethylbenzene
Concen: 4.741 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

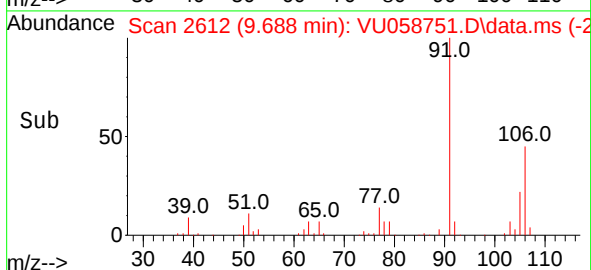
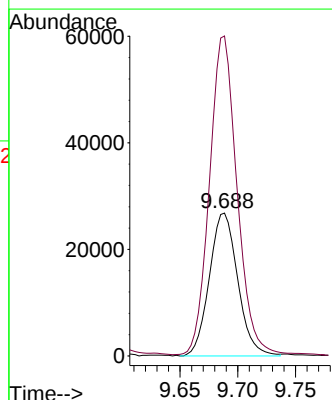
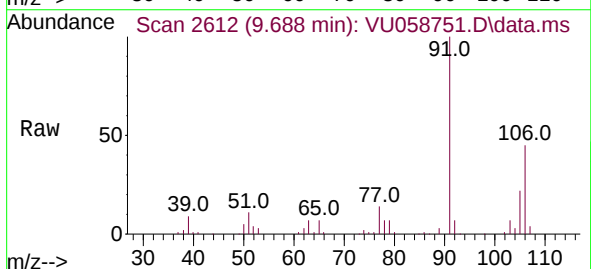
Instrument :
MSVOA_U
ClientSampleId :

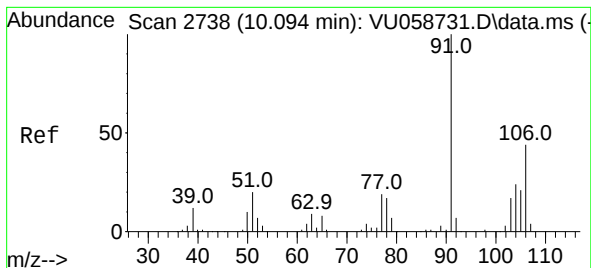
Tgt Ion: 91 Resp: 126318
Ion Ratio Lower Upper
91 100
106 28.9 20.6 38.4



#53
m,p-Xylene
Concen: 4.809 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

Tgt Ion:106 Resp: 45873
Ion Ratio Lower Upper
106 100
91 224.0 147.8 274.4





#54

o-Xylene

Concen: 4.779 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

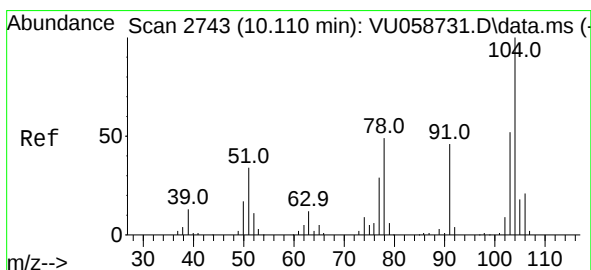
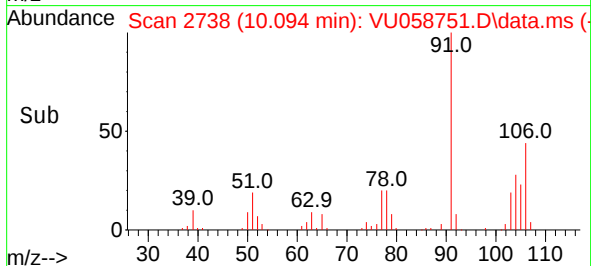
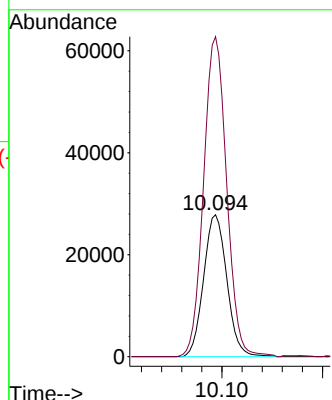
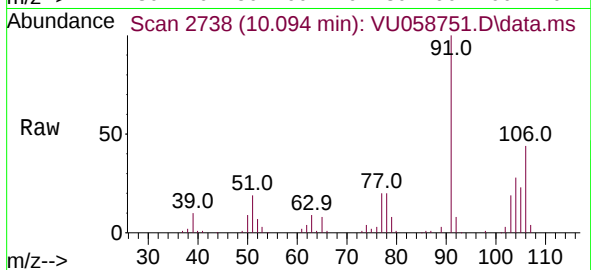
ClientSampleId :

Tgt Ion:106 Resp: 44697

Ion Ratio Lower Upper

106 100

91 225.4 156.9 291.5



#55

Styrene

Concen: 4.996 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU058751.D

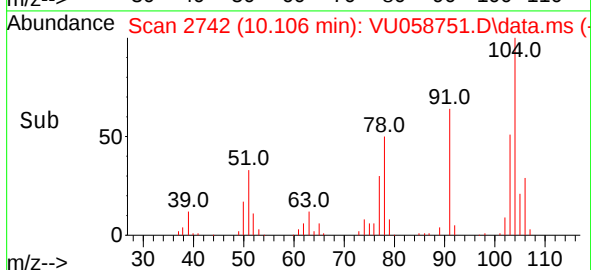
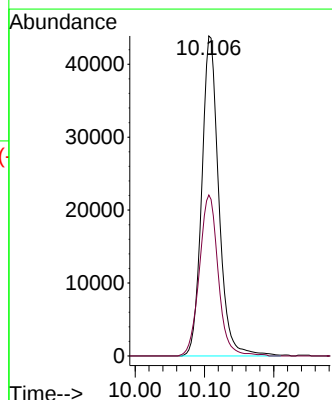
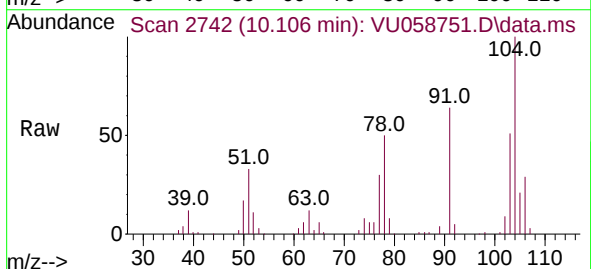
Acq: 17 Apr 2024 21:37

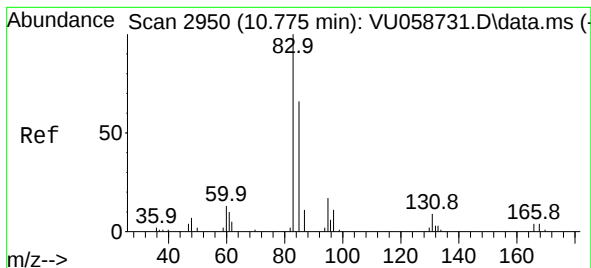
Tgt Ion:104 Resp: 75181

Ion Ratio Lower Upper

104 100

78 50.3 33.9 63.0





#57

1,1,2-Tetrachloroethane

Concen: 4.305 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

ClientSampleId :

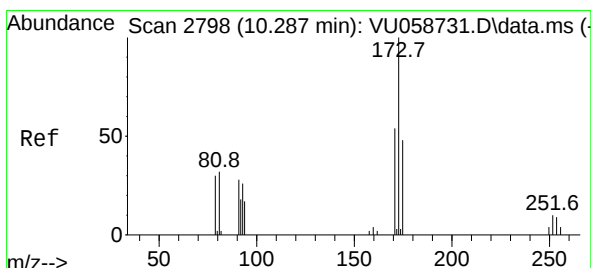
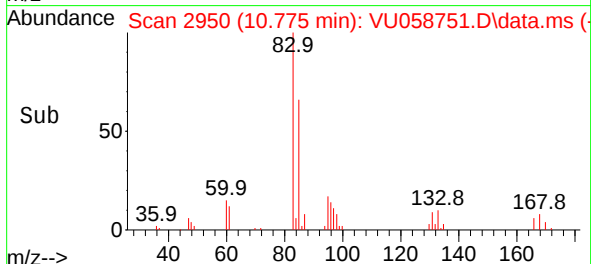
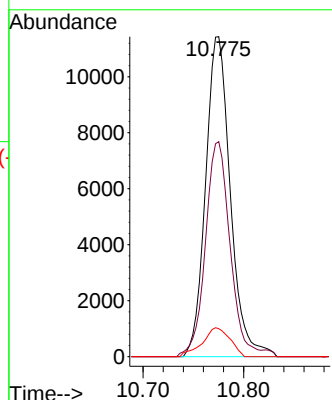
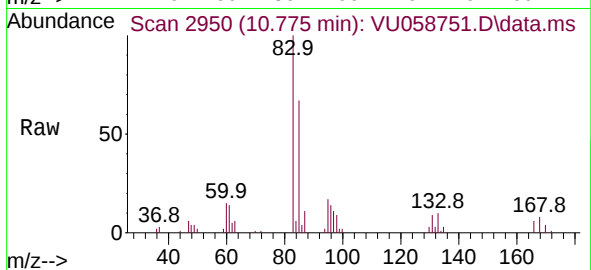
Tgt Ion: 83 Resp: 19563

Ion Ratio Lower Upper

83 100

85 67.2 45.1 83.7

131 8.7 6.9 10.3



#59

Bromoform

Concen: 4.879 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

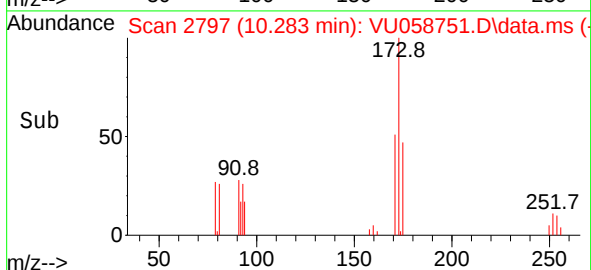
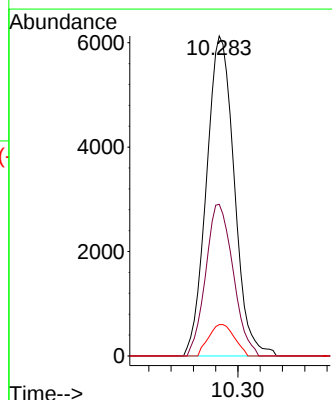
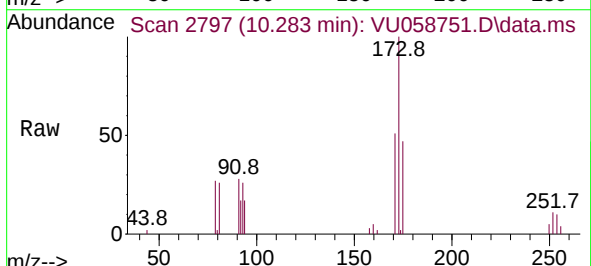
Tgt Ion:173 Resp: 10599

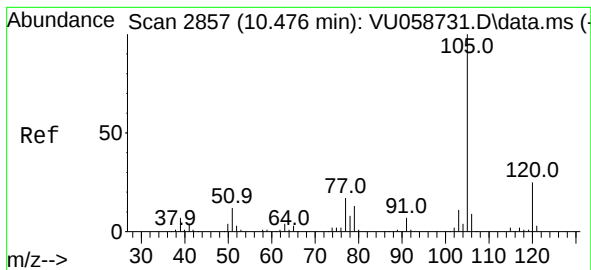
Ion Ratio Lower Upper

173 100

175 46.8 38.0 57.0

254 9.1 7.5 11.3





#60

Isopropylbenzene

Concen: 5.165 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

ClientSampleId :

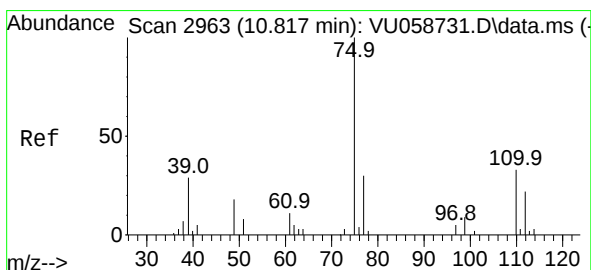
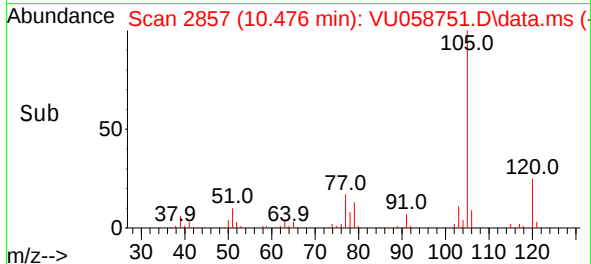
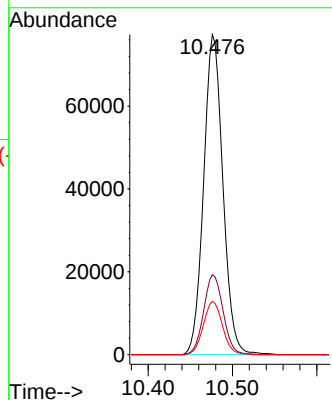
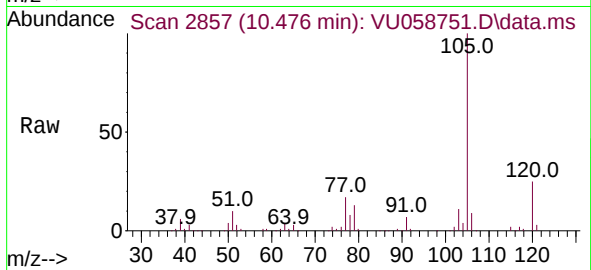
Tgt Ion:105 Resp: 122956

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.4

77 16.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.461 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

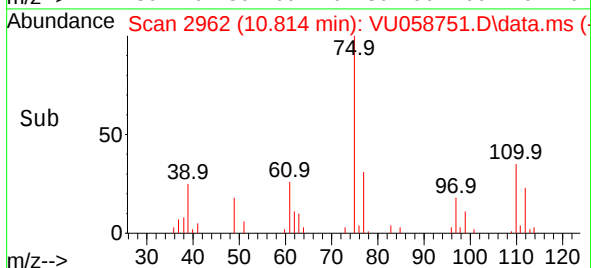
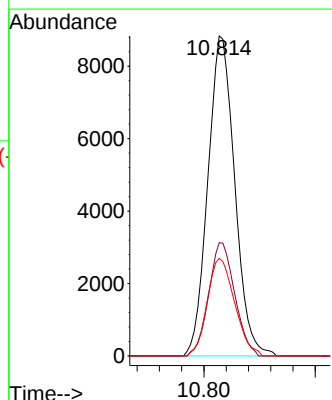
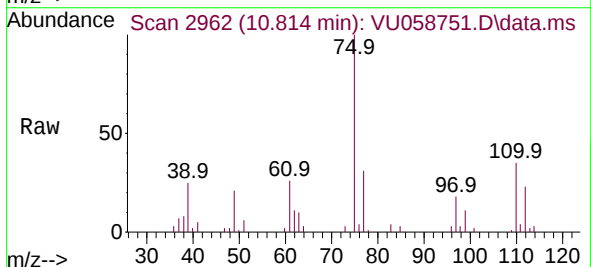
Tgt Ion: 75 Resp: 14800

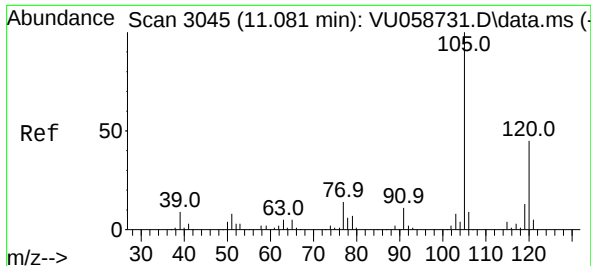
Ion Ratio Lower Upper

75 100

110 34.1 25.8 38.6

77 31.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.142 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

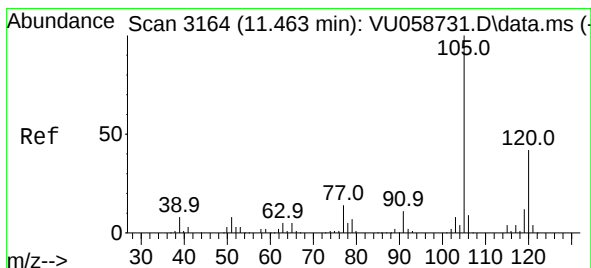
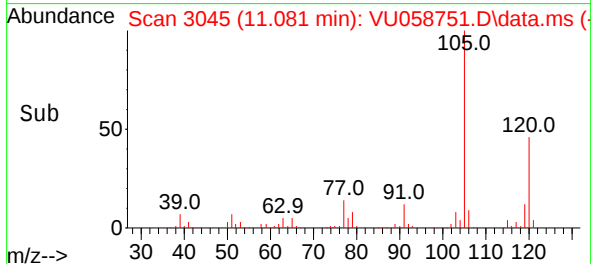
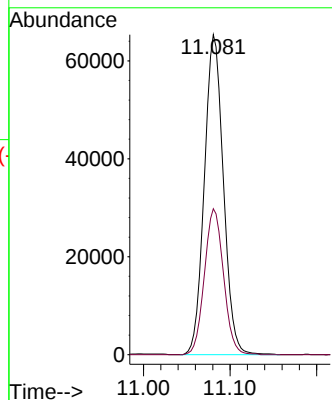
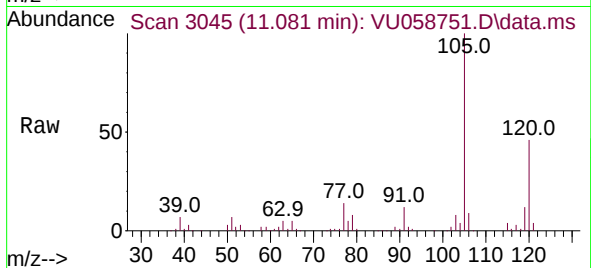
ClientSampleId :

Tgt Ion:105 Resp: 99828

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.956 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058751.D

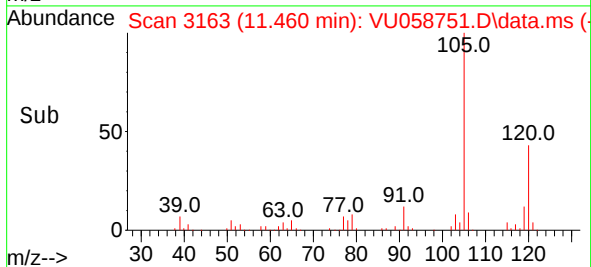
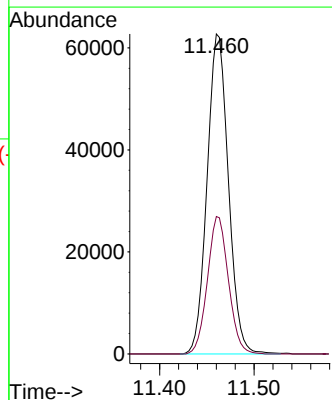
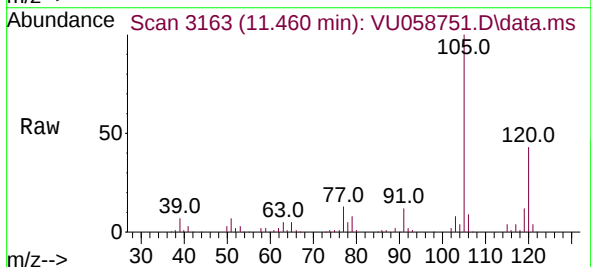
Acq: 17 Apr 2024 21:37

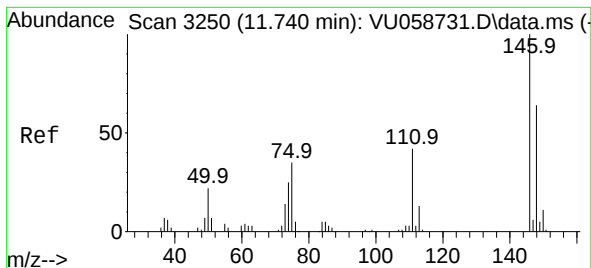
Tgt Ion:105 Resp: 98235

Ion Ratio Lower Upper

105 100

120 42.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.612 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

ClientSampleId :

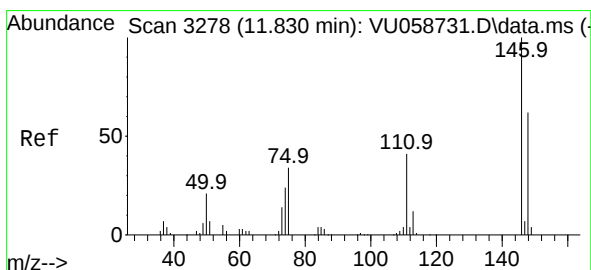
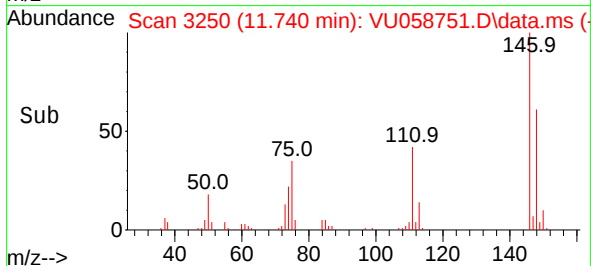
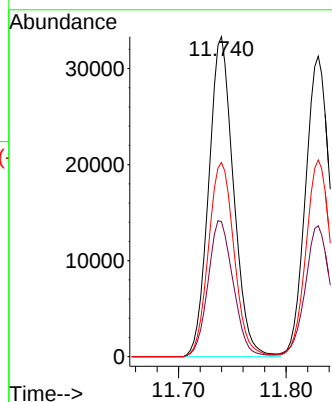
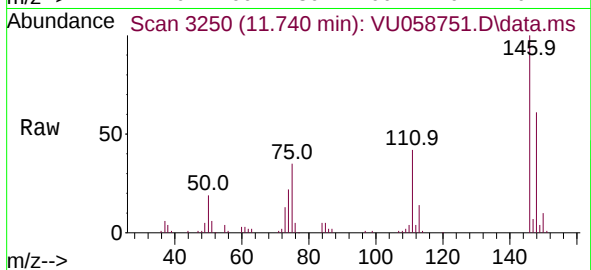
Tgt Ion:146 Resp: 53330

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 60.7 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.531 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

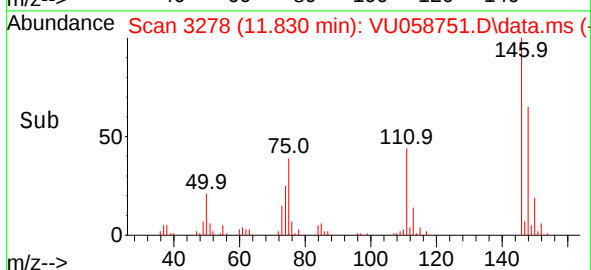
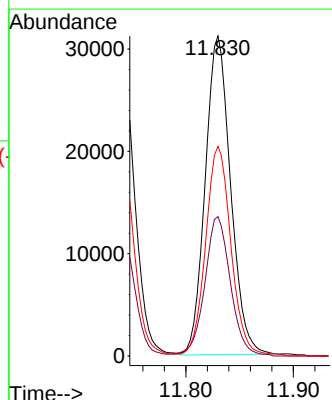
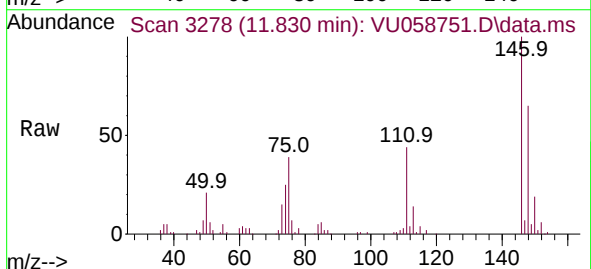
Tgt Ion:146 Resp: 51052

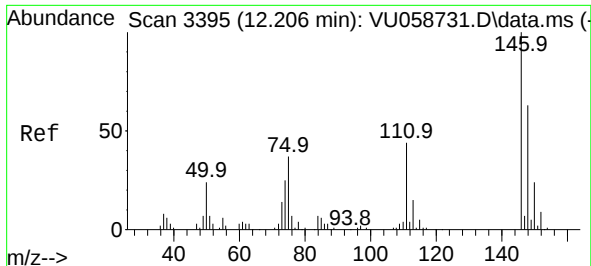
Ion Ratio Lower Upper

146 100

111 43.5 28.8 53.6

148 65.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.396 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

ClientSampleId :

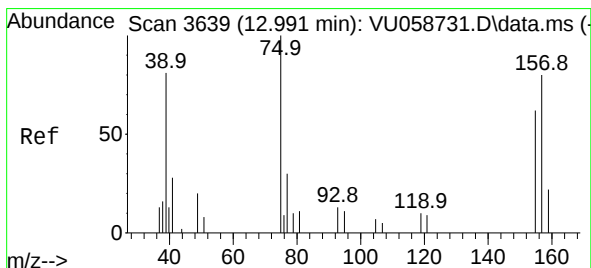
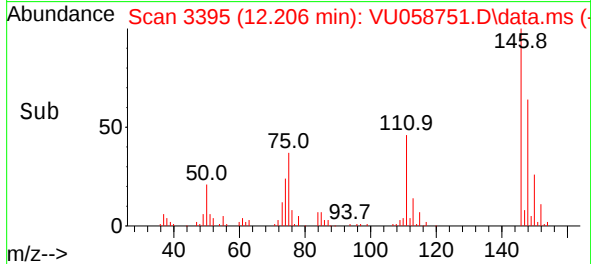
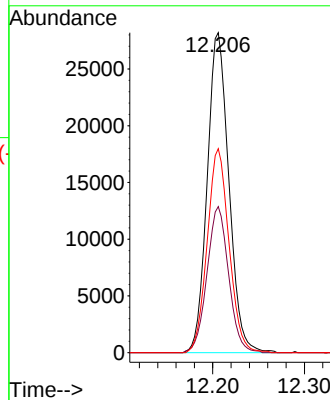
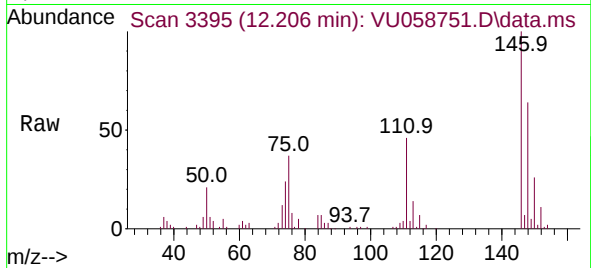
Tgt Ion:146 Resp: 46235

Ion Ratio Lower Upper

146 100

111 45.7 35.0 52.4

148 63.8 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.790 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

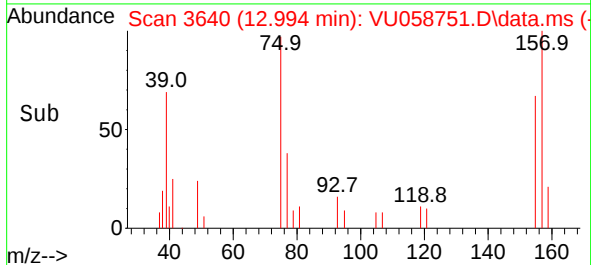
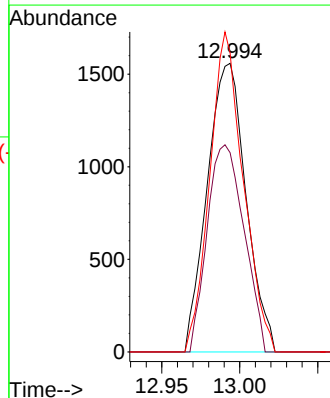
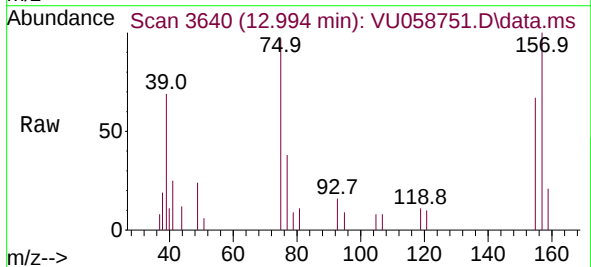
Tgt Ion: 75 Resp: 2695

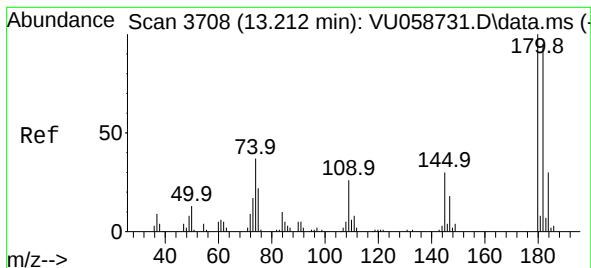
Ion Ratio Lower Upper

75 100

155 69.0 61.4 92.0

157 103.5 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.242 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

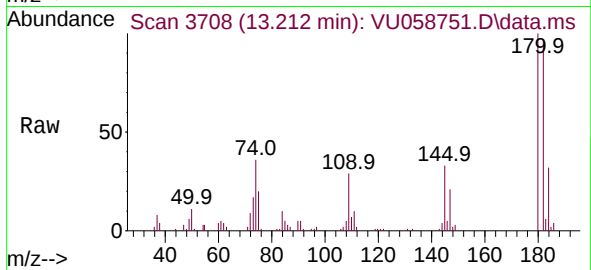
Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 36272

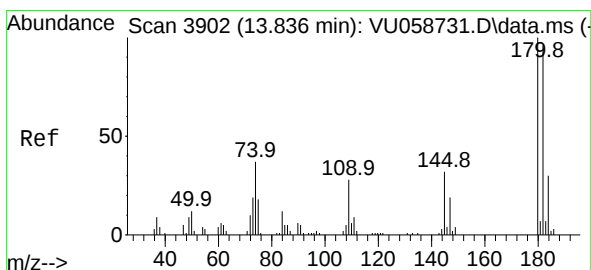
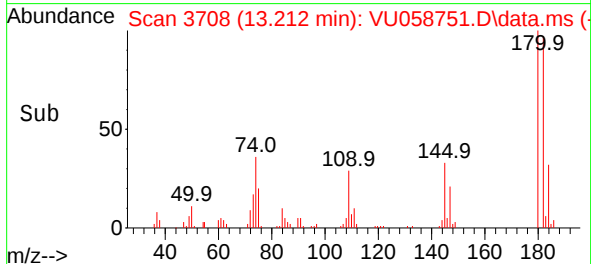
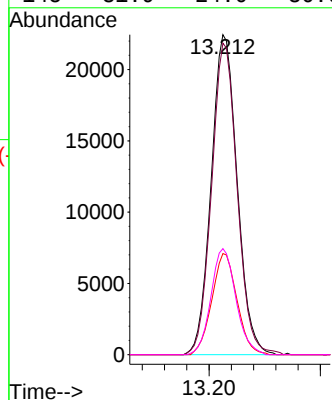
Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

184 30.7 24.3 36.5

145 31.9 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.773 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058751.D

Acq: 17 Apr 2024 21:37

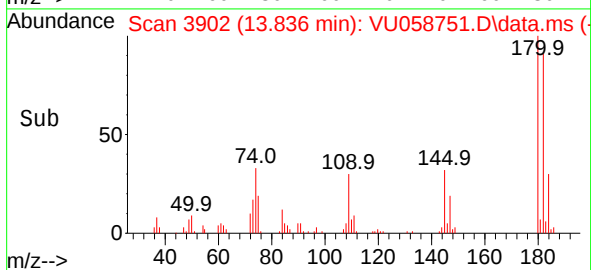
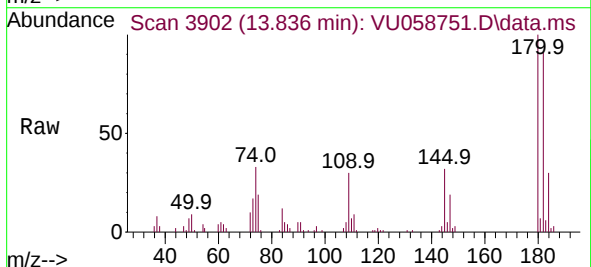
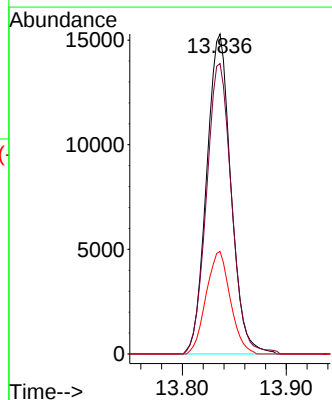
Tgt Ion:180 Resp: 24878

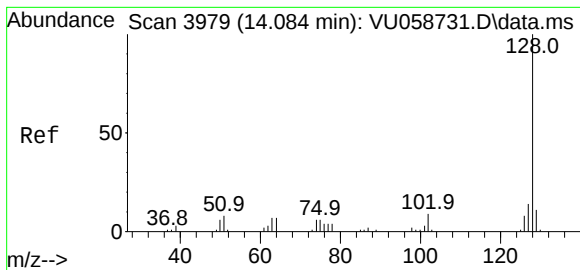
Ion Ratio Lower Upper

180 100

182 93.6 74.4 111.6

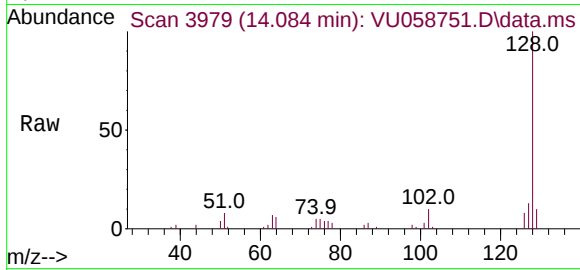
145 31.8 24.1 36.1



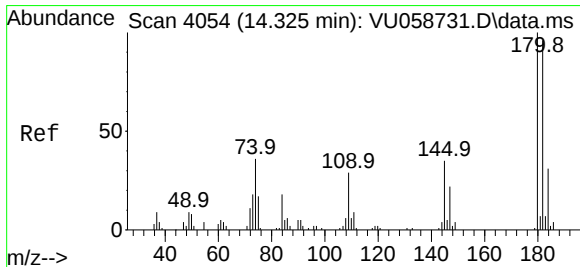
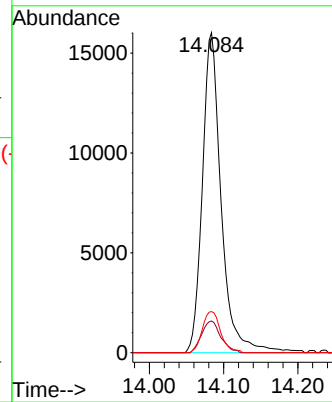
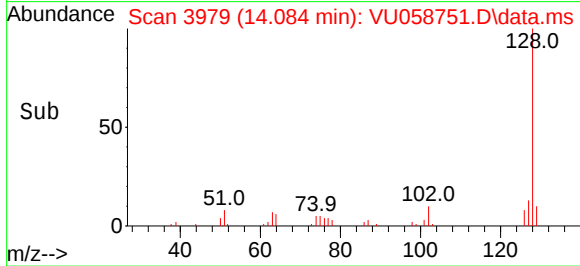


#71
Naphthalene
Concen: 3.111 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37

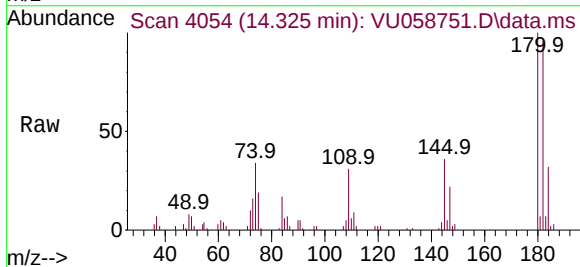
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128	Resp:	28106
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.6 13.0
127	12.6	11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.692 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058751.D
Acq: 17 Apr 2024 21:37



Tgt Ion:180	Resp:	20104
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.9 113.9
145	34.2	25.2 37.8

