

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058616.D
 Acq On : 11 Apr 2024 18:22
 Operator : MD/SY
 Sample : P2013-15MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	78297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22149	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.904	69	21914	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	10751	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	53533	49.004	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.052	84	52391	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	24271	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.717	84	98780	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	31204	4.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	88940	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	9501	4.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.627	63	40995	48.960	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20828	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	27746	4.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	26726	4.095	ug/L	100
3) Chloromethane	1.515	50	33742	4.225	ug/L	96
5) Vinyl chloride	1.599	62	53828	6.748	ug/L	100
6) Bromomethane	1.853	94	14033	3.719	ug/L	94
8) Chloroethane	1.927	64	24109	4.784	ug/L	98
9) Trichlorofluoromethane	2.132	101	48035	4.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29433	4.703	ug/L	96
12) 1,1-Dichloroethene	2.573	96	25234	4.548	ug/L	98
13) Acetone	2.624	43	36941	39.620	ug/L	100
14) Carbon disulfide	2.785	76	74456	4.224	ug/L	98
15) Methyl Acetate	2.946	43	10807	4.912	ug/L	91
16) Methylene chloride	3.036	84	30046	4.080	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	59435	4.535	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27636	4.752	ug/L	97
19) 1,1-Dichloroethane	3.856	63	61571	4.851	ug/L	98
21) 2-Butanone	4.695	43	63452	45.531	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	87552	13.406	ug/L	95
23) Bromochloromethane	4.965	128	11962	4.649	ug/L	93
25) Chloroform	5.078	83	59551	4.847	ug/L	99

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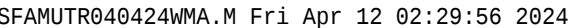
Instrument :
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 ClientSampleId :

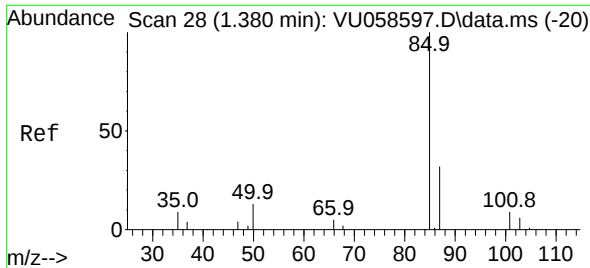
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36157	4.833	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	47956	4.618	ug/L	98
30) Cyclohexane	5.380	56	47403	4.322	ug/L	99
31) Carbon tetrachloride	5.515	117	40515	4.607	ug/L	98
33) Benzene	5.766	78	126997	4.523	ug/L	100
34) Trichloroethene	6.534	95	30775	4.348	ug/L	96
35) Methylcyclohexane	6.756	83	44833	4.204	ug/L	97
37) 1,2-Dichloropropane	6.782	63	34983	4.735	ug/L	99
38) Bromodichloromethane	7.097	83	39682	4.706	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	42260	4.499	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	161664	46.492	ug/L	97
42) Toluene	7.962	91	132184	4.488	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	33688	4.547	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	19858	4.603	ug/L	97
47) Tetrachloroethene	8.547	164	21837	4.209	ug/L	98
48) 2-Hexanone	8.679	43	113598	46.019	ug/L	98
49) Dibromochloromethane	8.801	129	22500	4.511	ug/L	97
50) 1,2-Dibromoethane	8.917	107	17533	4.444	ug/L	96
51) Chlorobenzene	9.441	112	79012	4.434	ug/L	99
52) Ethylbenzene	9.563	91	140313	4.497	ug/L	100
53) m,p-Xylene	9.688	106	50675	4.536	ug/L	96
54) o-Xylene	10.093	106	50092	4.573	ug/L	99
55) Styrene	10.110	104	80005	4.540	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	24933	4.685	ug/L	99
59) Bromoform	10.283	173	11486	4.470	ug/L	99
60) Isopropylbenzene	10.476	105	125551	4.459	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17924	4.567	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	99610	4.338	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	103011	4.393	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	59392	4.342	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	57572	4.320	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52645	4.231	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3101	4.659	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	41188	4.072	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29015	3.720	ug/L	98
71) Naphthalene	14.084	128	31956	2.990	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	23716	3.682	ug/L	100

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

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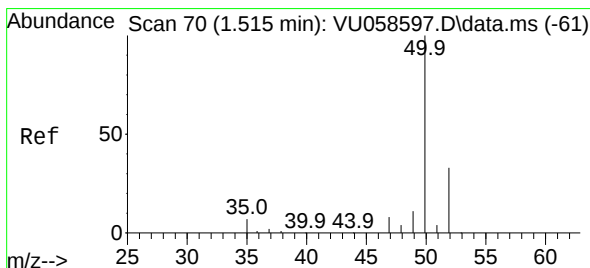
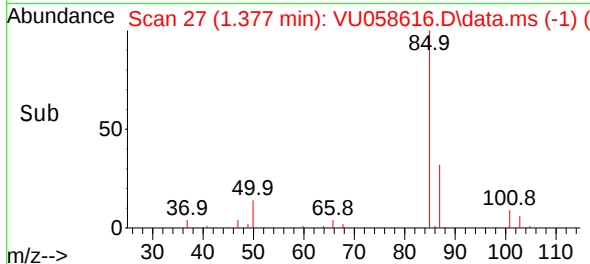
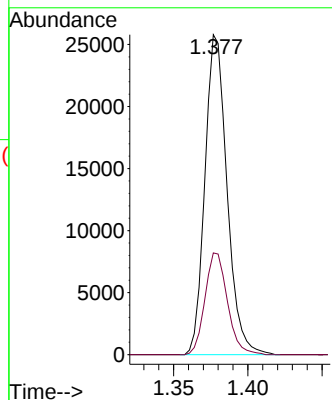
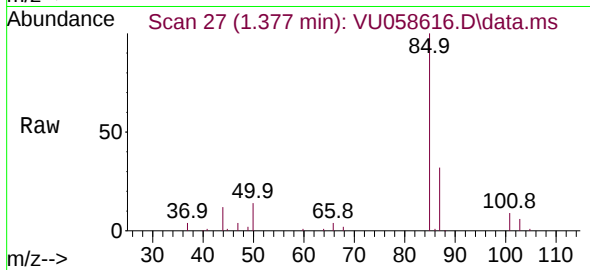




#2
 Dichlorodifluoromethane
 Concen: 4.095 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

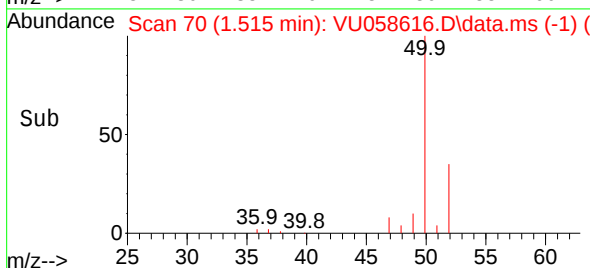
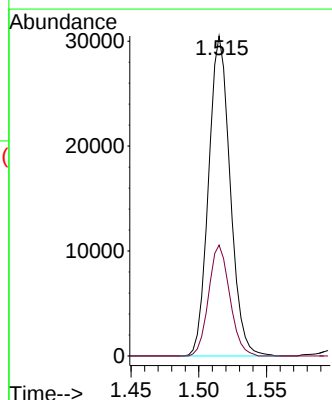
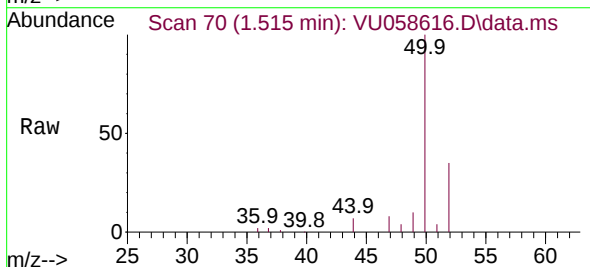
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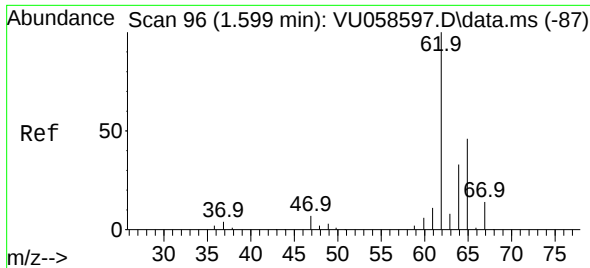
Tgt Ion: 85 Resp: 26726
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 4.225 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

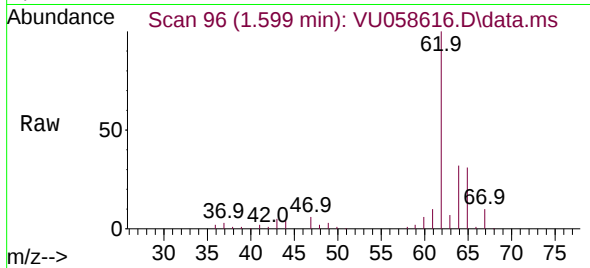
Tgt Ion: 50 Resp: 33742
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.6 42.0



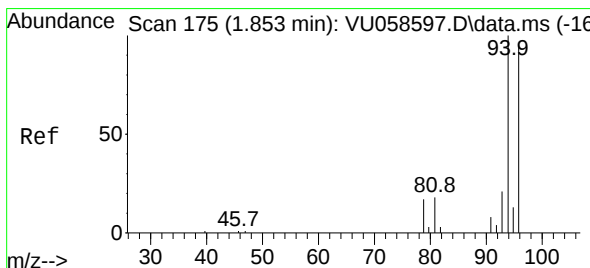
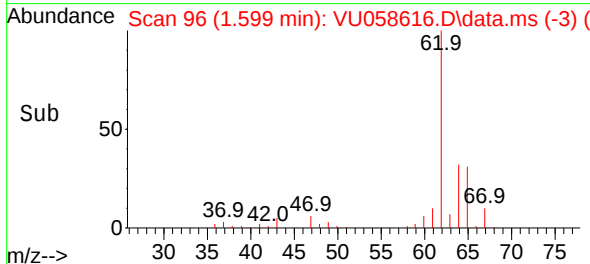
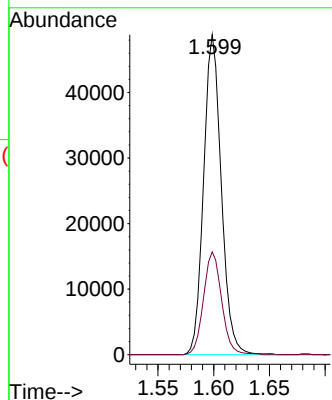


#5
 Vinyl chloride
 Concen: 6.748 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

Instrument :
 MSVOA_U
 ClientSampleId :

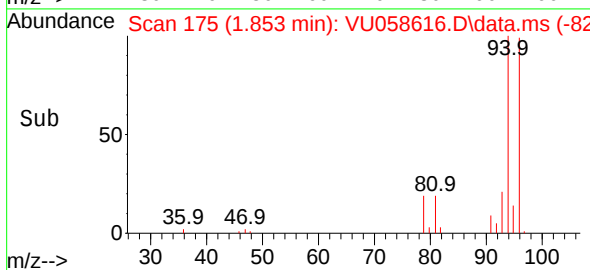
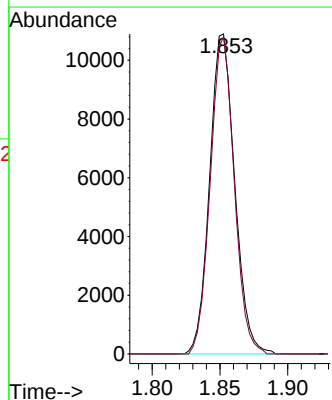
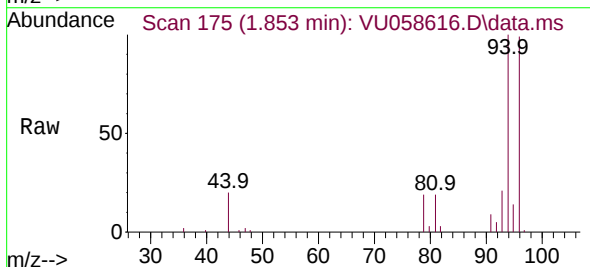


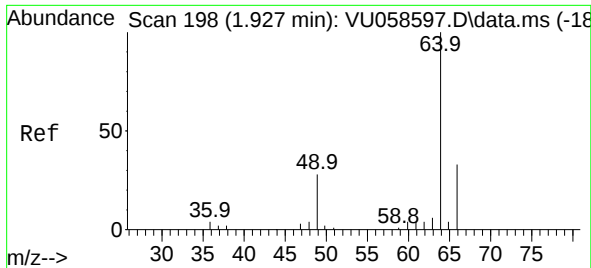
Tgt Ion: 62 Resp: 53828
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 3.719 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

Tgt Ion: 94 Resp: 14033
 Ion Ratio Lower Upper
 94 100
 96 99.2 65.4 121.4

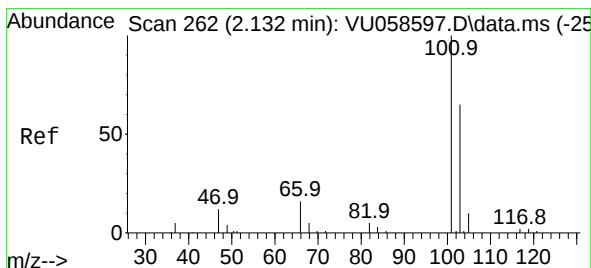
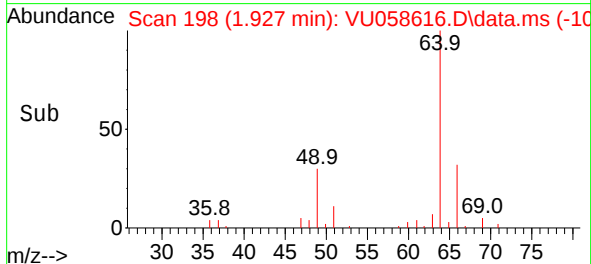
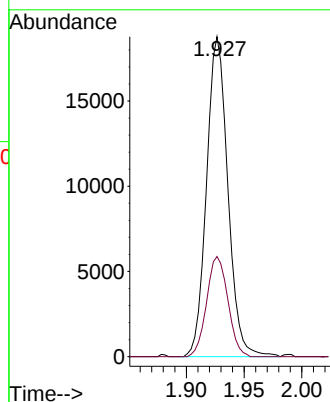
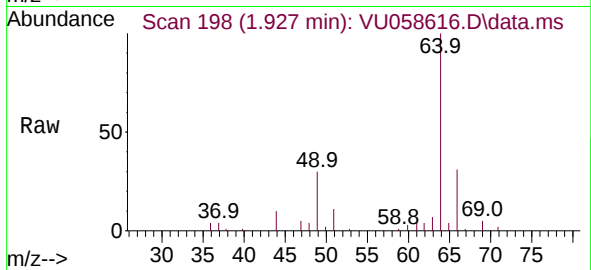




#8
Chloroethane
Concen: 4.784 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

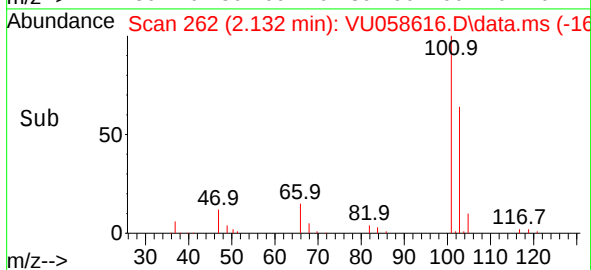
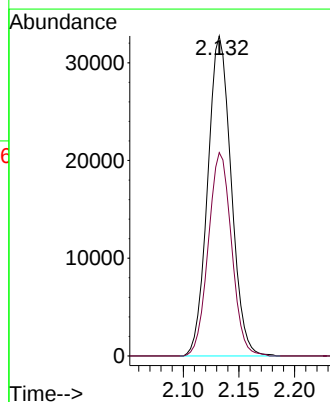
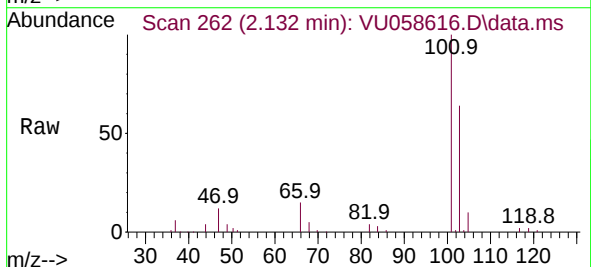
Instrument :
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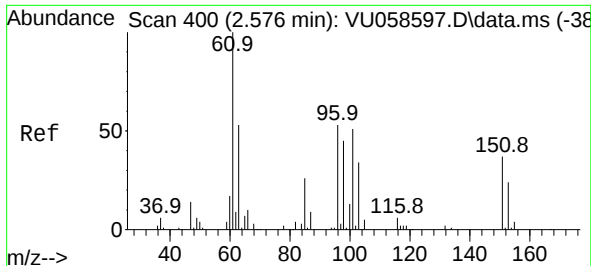
Tgt Ion: 64 Resp: 24109
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.560 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion:101 Resp: 48035
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8

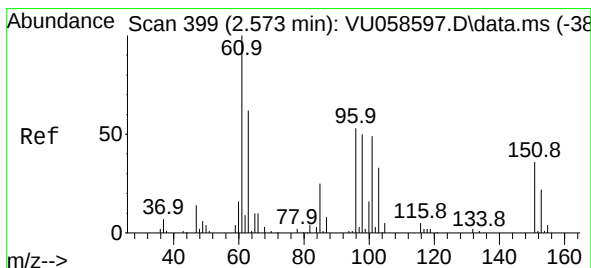
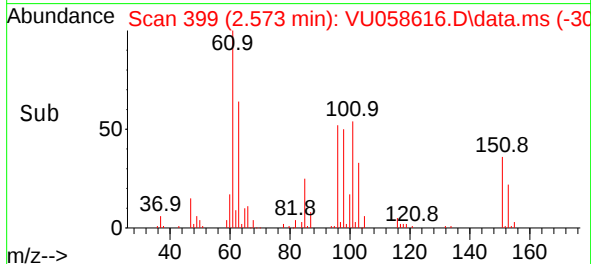
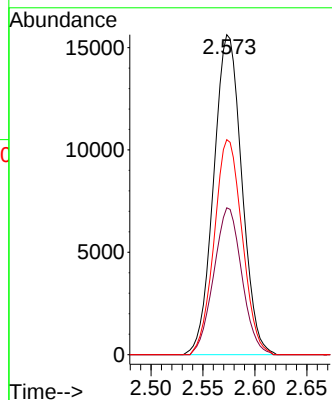
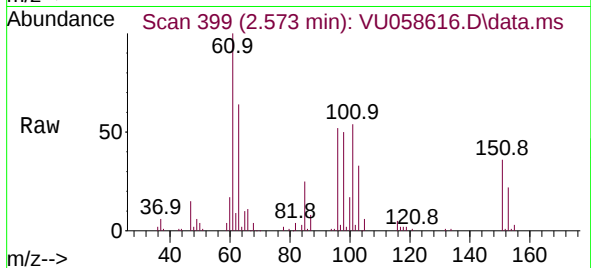




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.703 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

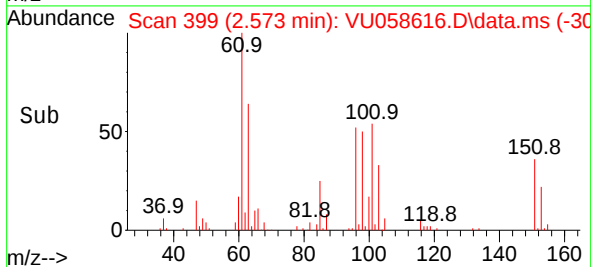
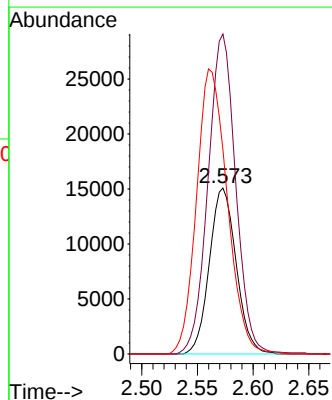
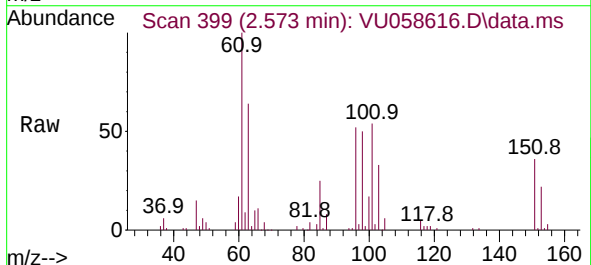
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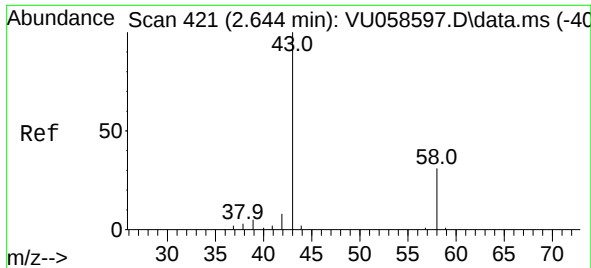
Tgt Ion:101 Resp: 29433
Ion Ratio Lower Upper
101 100
85 45.8 36.8 55.2
151 67.0 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.548 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 96 Resp: 25234
Ion Ratio Lower Upper
96 100
61 192.9 132.5 246.1
63 123.3 87.7 162.9





#13

Acetone

Concen: 39.620 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.019 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

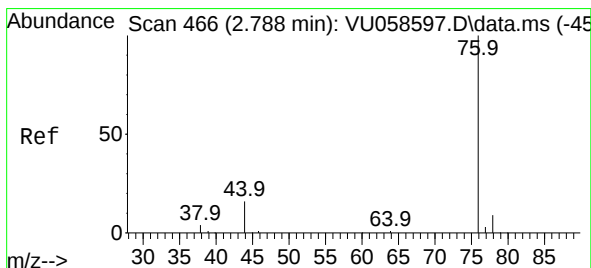
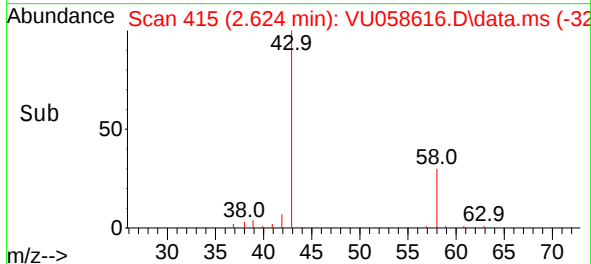
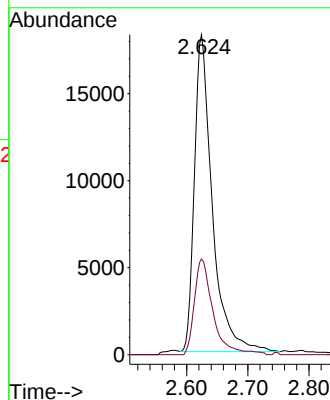
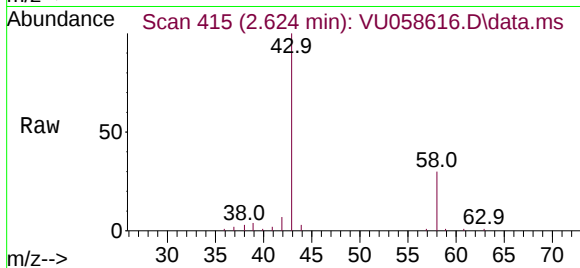
ClientSampleId :

Tgt Ion: 43 Resp: 36941

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 4.224 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU058616.D

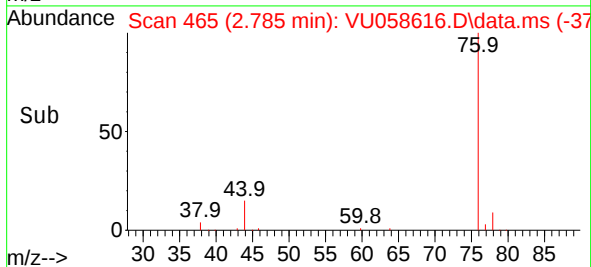
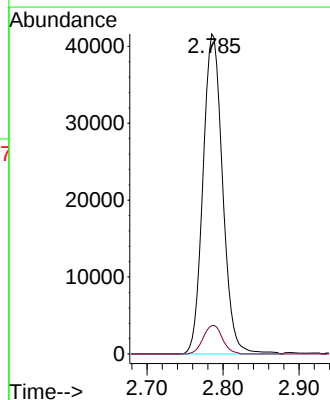
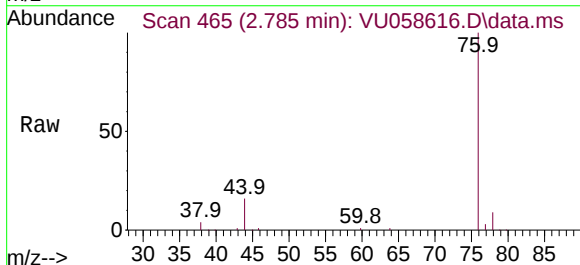
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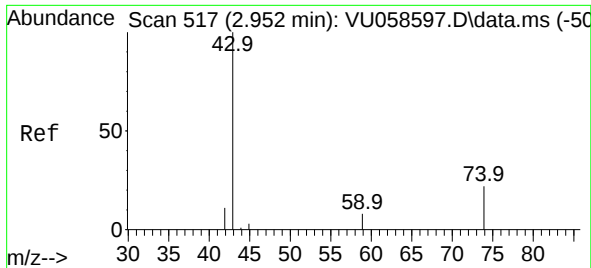
Tgt Ion: 76 Resp: 74456

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

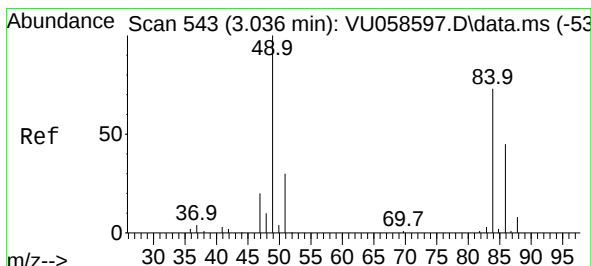
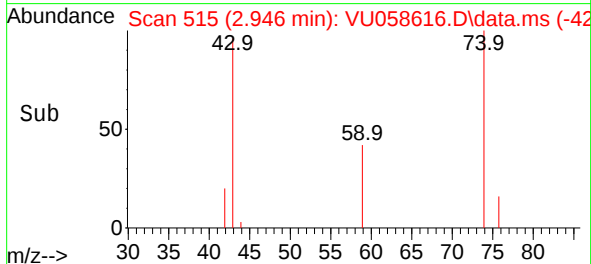
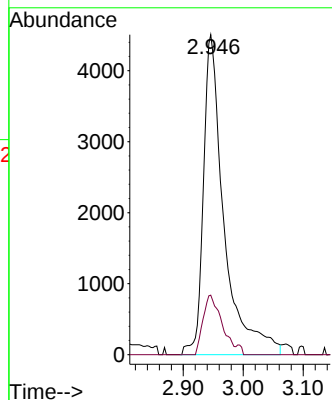
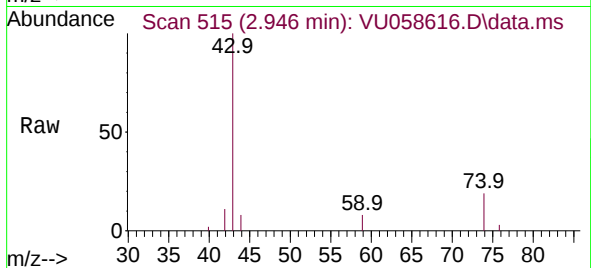




#15
Methyl Acetate
Concen: 4.912 ug/L
RT: 2.946 min Scan# 517
Delta R.T. -0.006 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

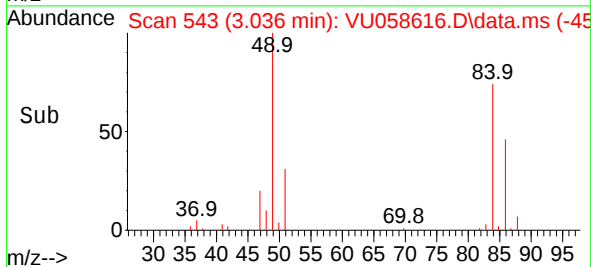
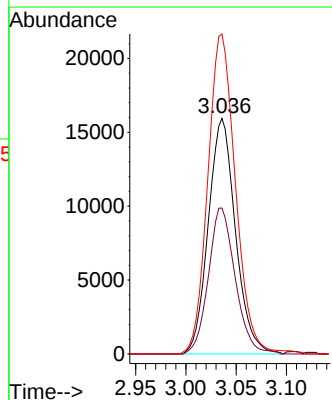
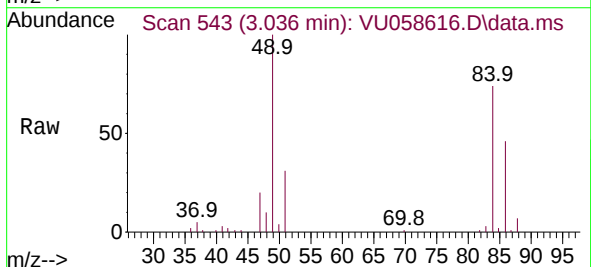
Instrument :
MSVOA_U
ClientSampleId :

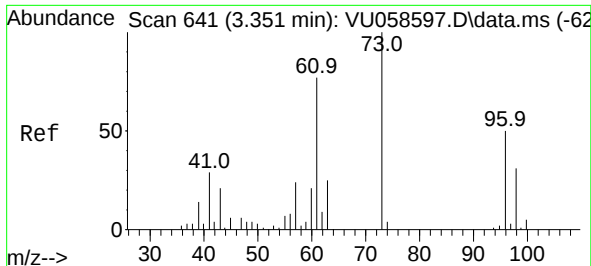
Tgt Ion: 43 Resp: 10807
Ion Ratio Lower Upper
43 100
74 16.8 16.6 25.0



#16
Methylene chloride
Concen: 4.080 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

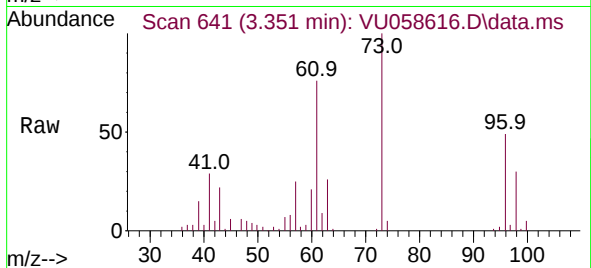
Tgt Ion: 84 Resp: 30046
Ion Ratio Lower Upper
84 100
86 61.9 44.3 82.3
49 135.8 96.0 178.2



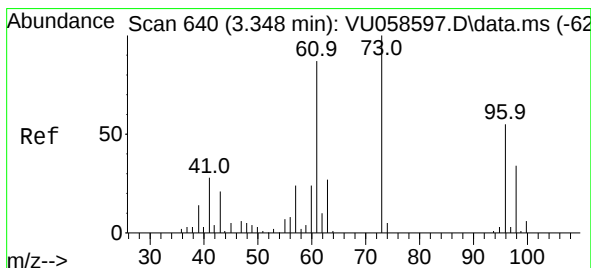
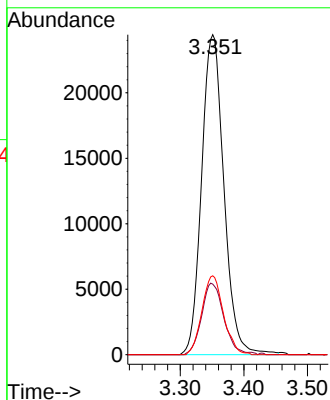
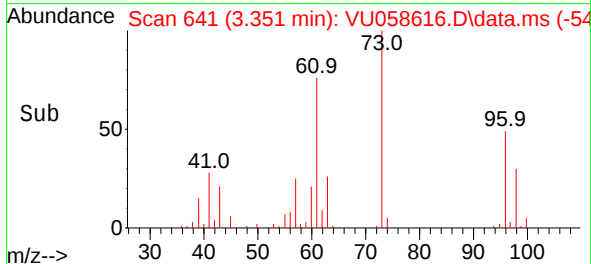


#17
Methyl tert-butyl Ether
Concen: 4.535 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :

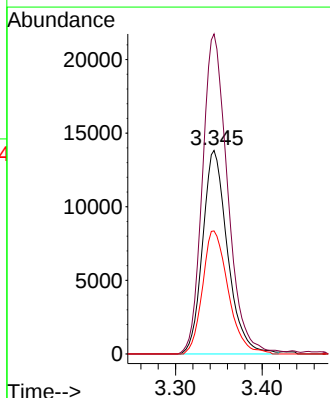
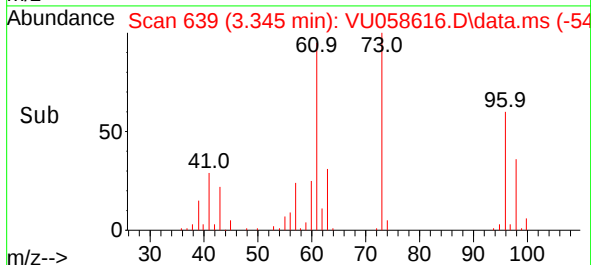
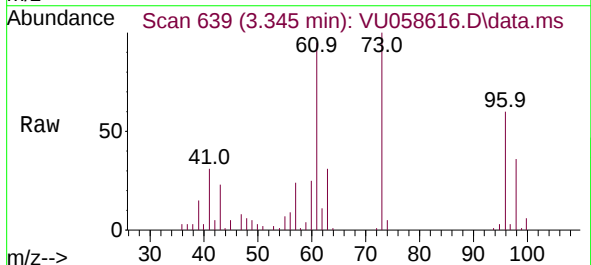


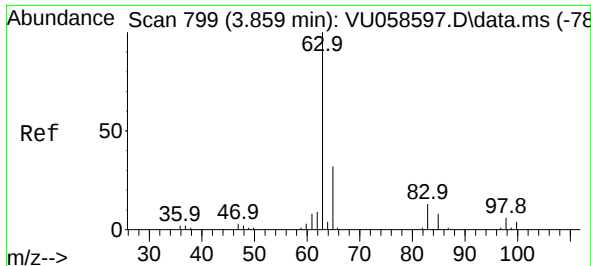
Tgt Ion: 73	Resp: 59435
Ion Ratio	Lower Upper
73	100
43	22.3 17.4 26.2
57	23.7 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.752 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 96	Resp: 27636
Ion Ratio	Lower Upper
96	100
61	157.2 107.6 199.8
98	60.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.851 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min MSVOA_U

Lab File: VU058616.D

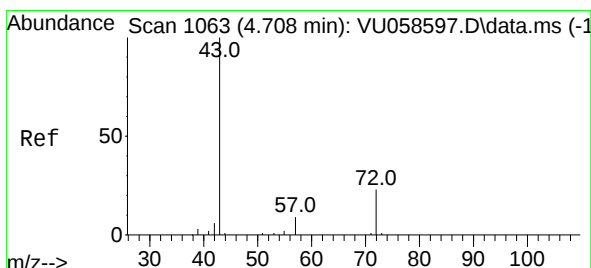
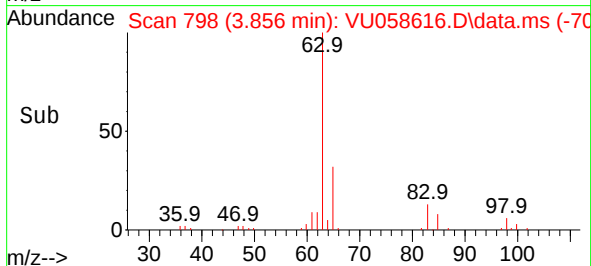
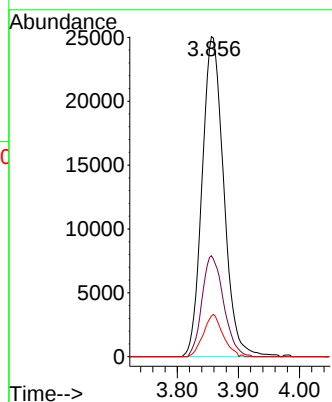
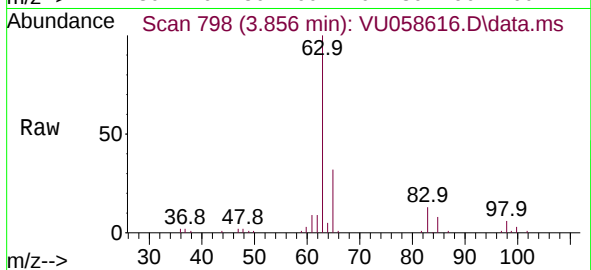
Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	61571
Ion Ratio	Lower	Upper	
63	100		
65	31.6	22.9	42.5
83	12.7	9.6	17.8



#21

2-Butanone

Concen: 45.531 ug/L

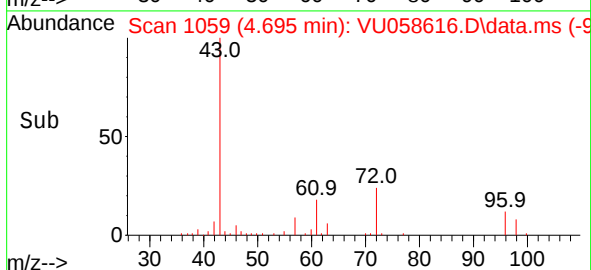
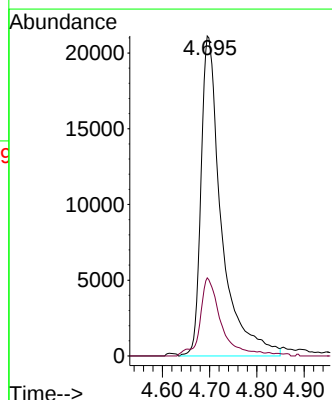
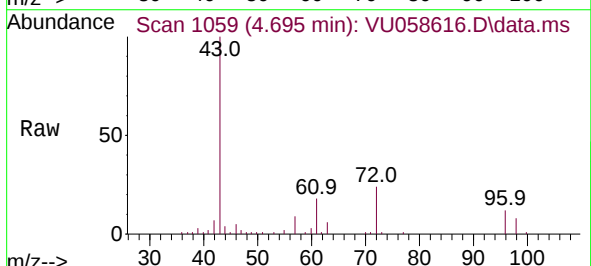
RT: 4.695 min Scan# 1059

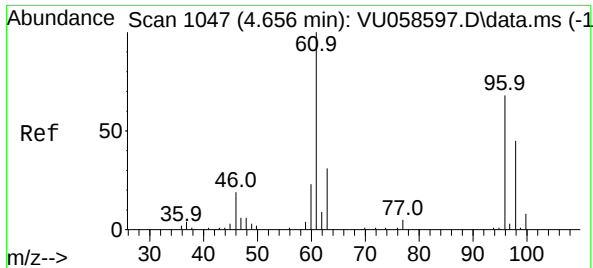
Delta R.T. -0.013 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

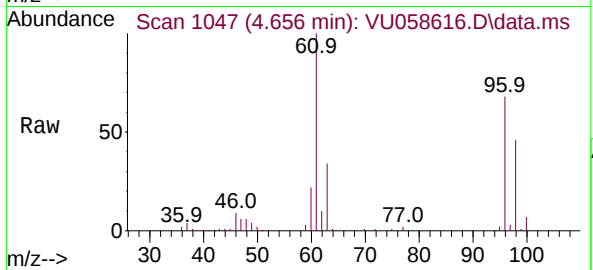
Tgt Ion:	43	Resp:	63452
Ion Ratio	Lower	Upper	
43	100		
72	24.4	11.7	35.0



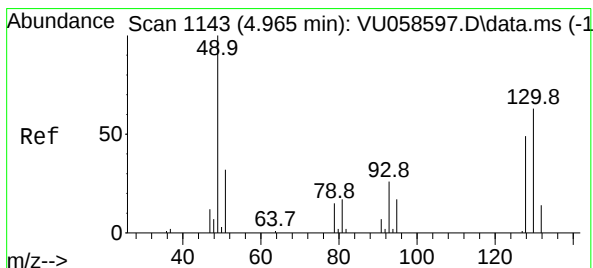
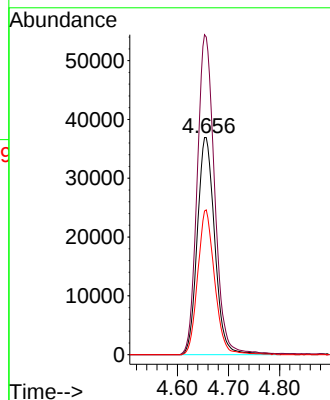
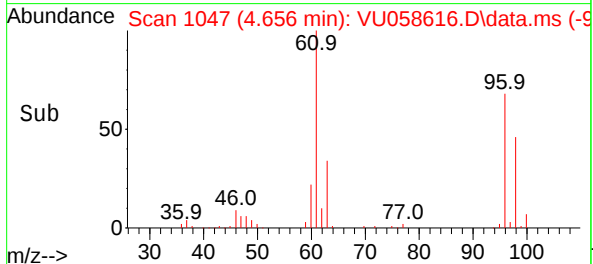


#22
 cis-1,2-Dichloroethene
 Concen: 13.406 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

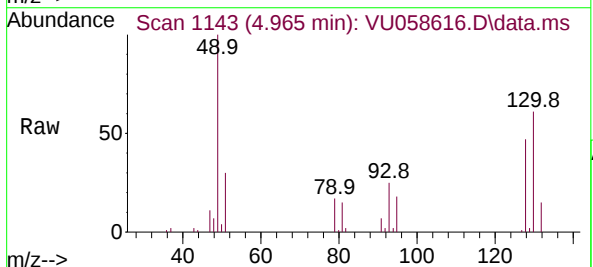
Instrument :
 MSVOA_U
 ClientSampleId :



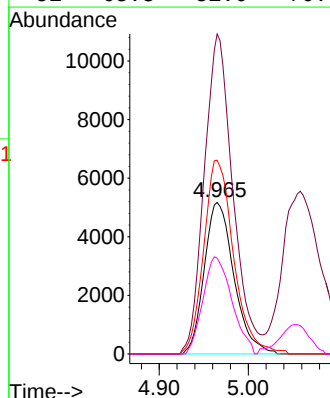
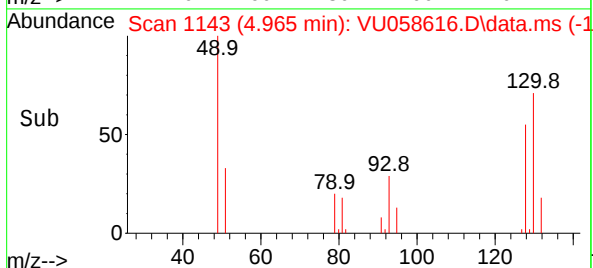
Tgt Ion: 96 Resp: 87552
 Ion Ratio Lower Upper
 96 100
 61 146.2 98.1 182.3
 98 66.7 43.6 81.0

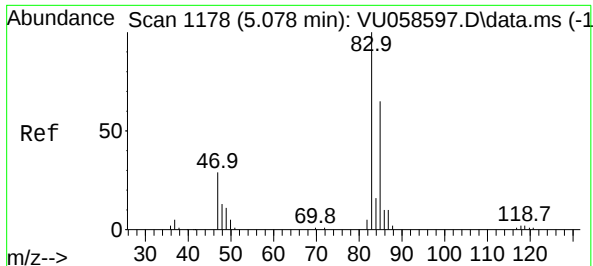


#23
 Bromochloromethane
 Concen: 4.649 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22



Tgt Ion: 128 Resp: 11962
 Ion Ratio Lower Upper
 128 100
 49 211.1 134.4 249.6
 130 127.8 90.0 167.2
 51 63.3 51.0 76.6

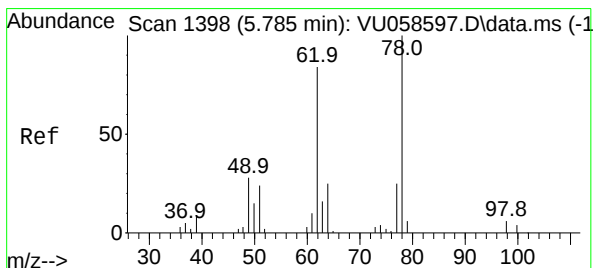
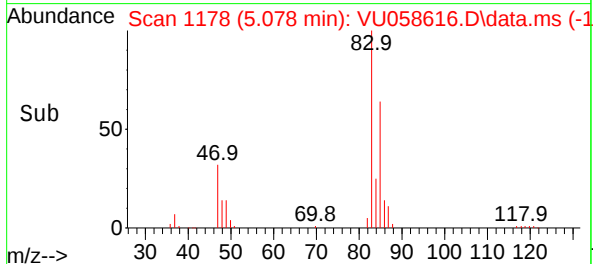
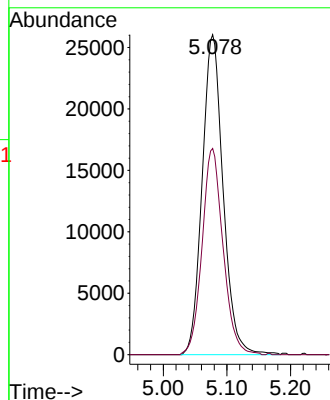
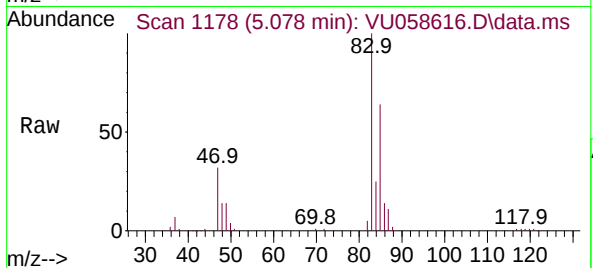




#25
Chloroform
Concen: 4.847 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

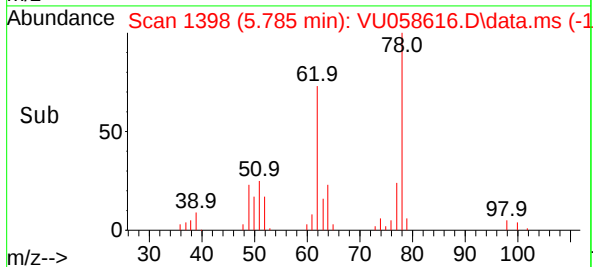
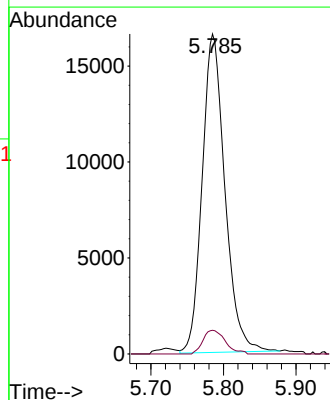
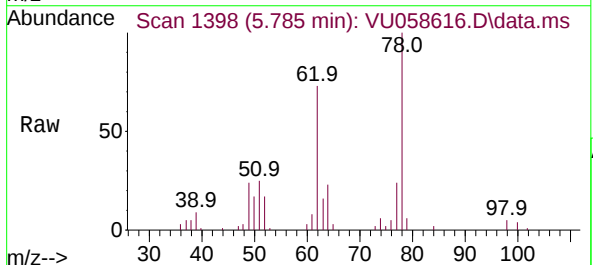
Instrument :
MSVOA_U
ClientSampleId :

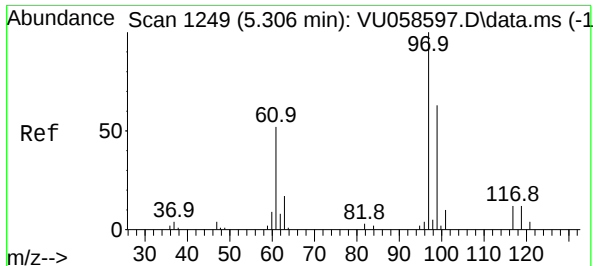
Tgt Ion: 83 Resp: 59551
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.833 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 62 Resp: 36157
Ion Ratio Lower Upper
62 100
98 7.4 7.0 10.4

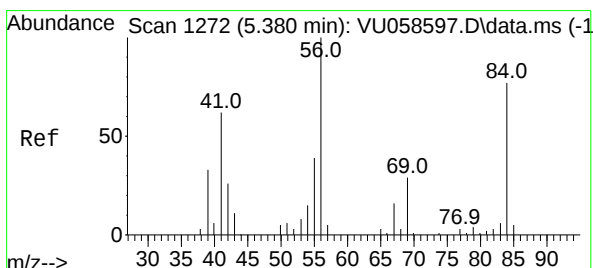
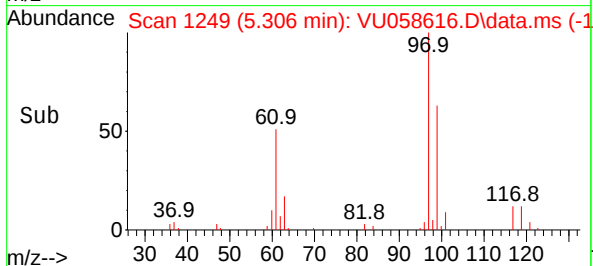
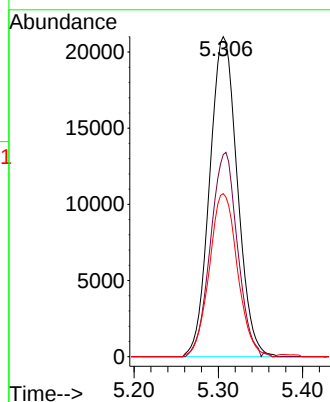
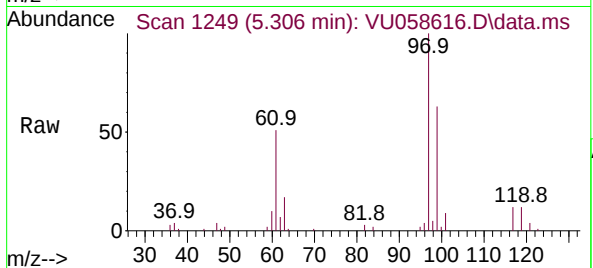




#29
1,1,1-Trichloroethane
Concen: 4.618 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

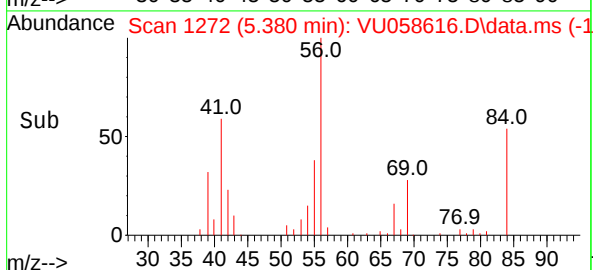
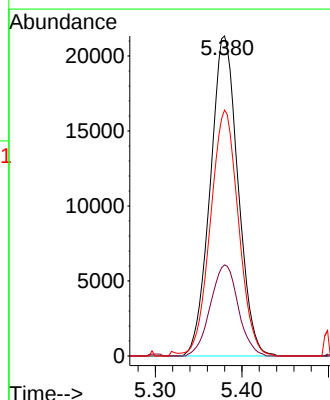
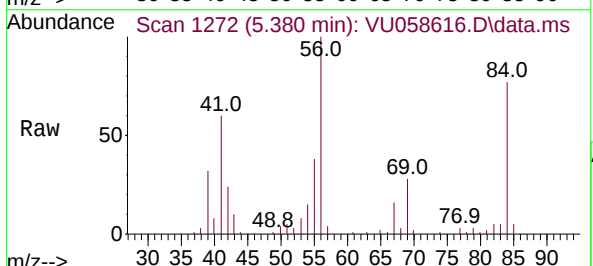
Instrument :
MSVOA_U
ClientSampleId :

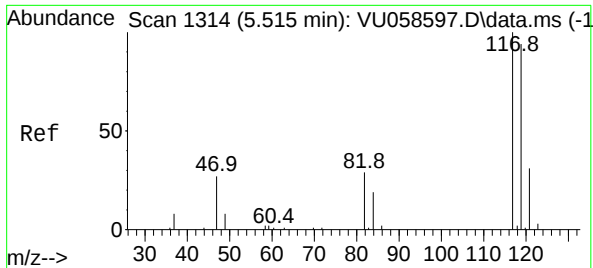
Tgt Ion:	97	Resp:	47956
Ion	Ratio	Lower	Upper
97	100		
99	62.1	50.4	75.6
61	51.7	39.4	59.0



#30
Cyclohexane
Concen: 4.322 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion:	56	Resp:	47403
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	77.6	63.3	94.9

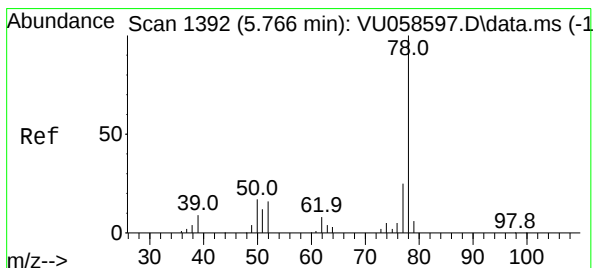
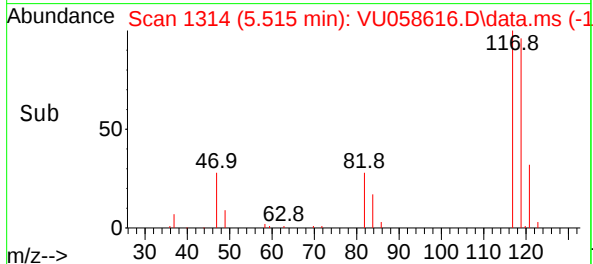
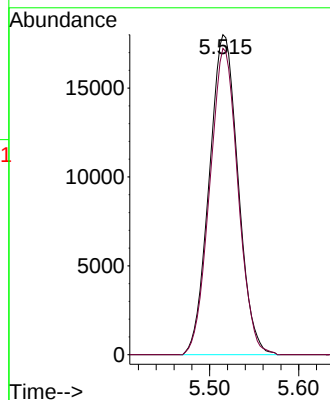
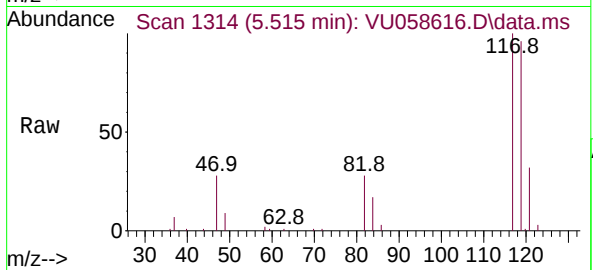




#31
Carbon tetrachloride
Concen: 4.607 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

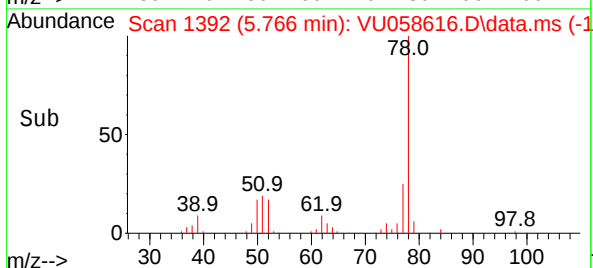
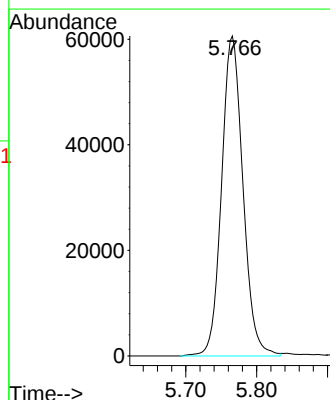
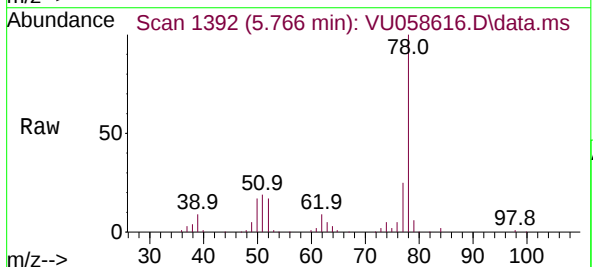
Instrument :
MSVOA_U
ClientSampleId :

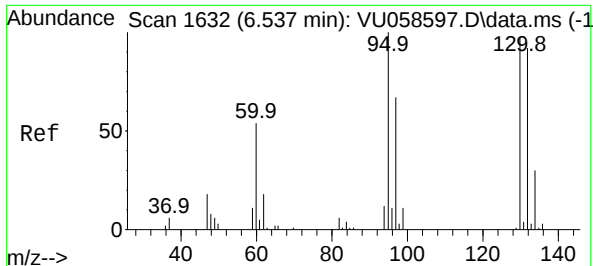
Tgt Ion:117 Resp: 40515
Ion Ratio Lower Upper
117 100
119 93.9 76.7 115.1



#33
Benzene
Concen: 4.523 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

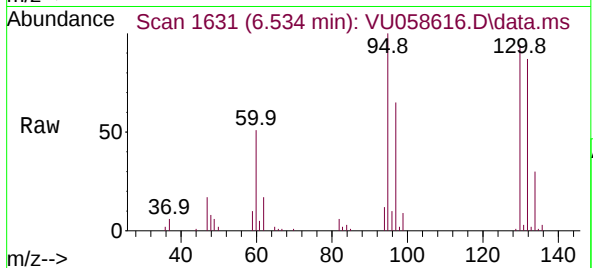
Tgt Ion: 78 Resp: 126997



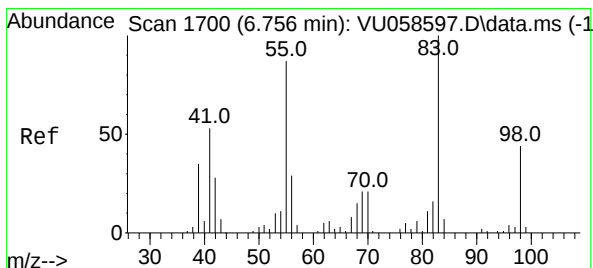
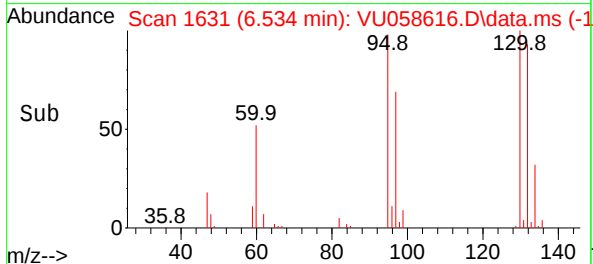
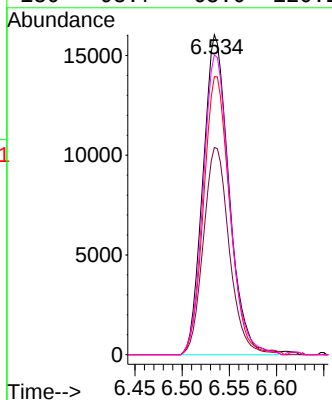


#34
Trichloroethene
Concen: 4.348 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :

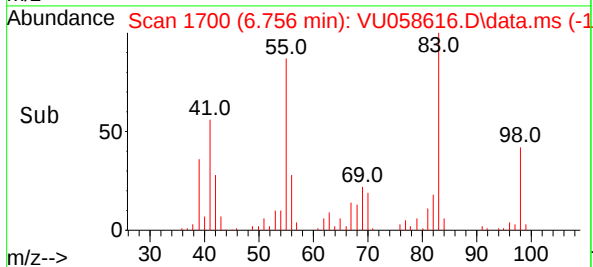
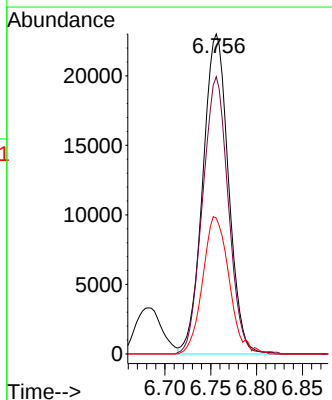
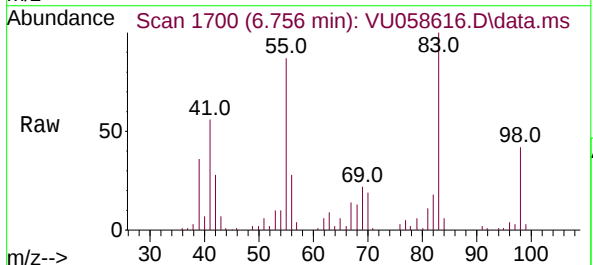


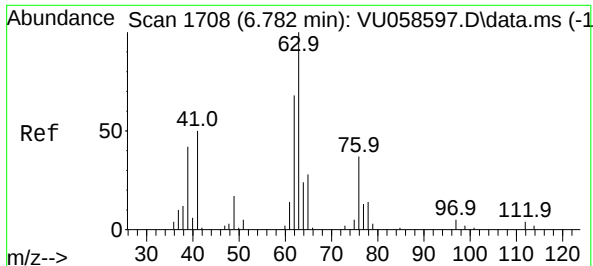
Tgt Ion: 95 Resp: 30775
Ion Ratio Lower Upper
95 100
97 64.8 45.6 84.6
132 86.9 64.8 120.3
130 93.7 68.0 126.2



#35
Methylcyclohexane
Concen: 4.204 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 83 Resp: 44833
Ion Ratio Lower Upper
83 100
55 86.5 66.2 99.4
98 44.2 34.6 52.0

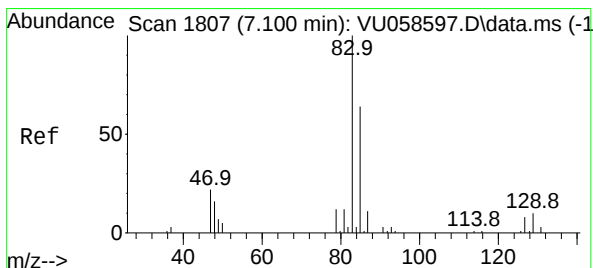
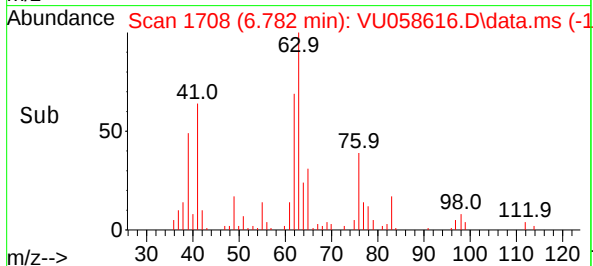
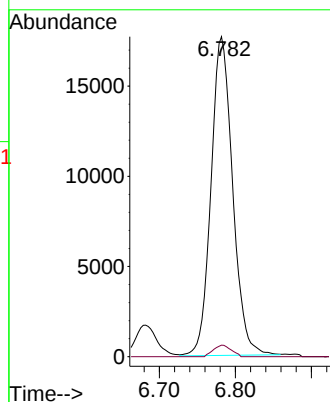
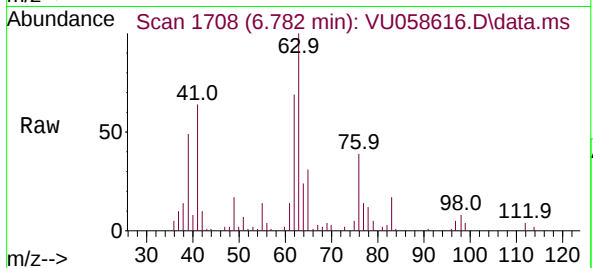




#37
1,2-Dichloropropane
Concen: 4.735 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

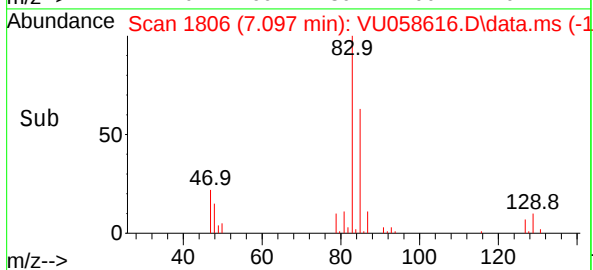
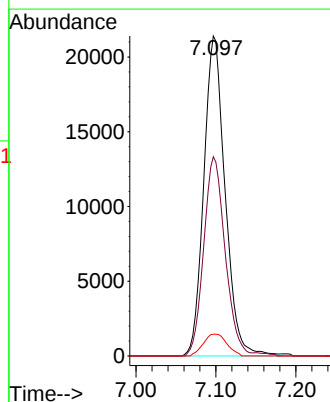
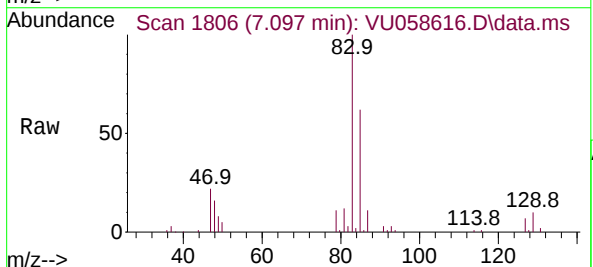
Instrument :
MSVOA_U
ClientSampleId :

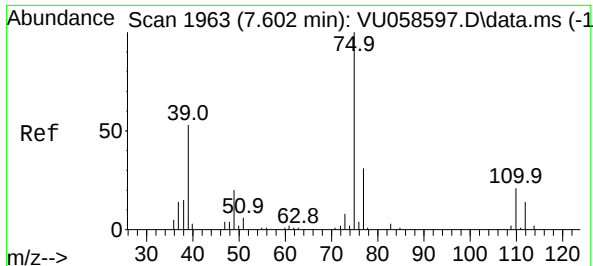
Tgt Ion: 63 Resp: 34983
Ion Ratio Lower Upper
63 100
112 3.0 2.6 4.0



#38
Bromodichloromethane
Concen: 4.706 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 83 Resp: 39682
Ion Ratio Lower Upper
83 100
85 62.2 44.2 82.2
127 6.8 6.5 9.7

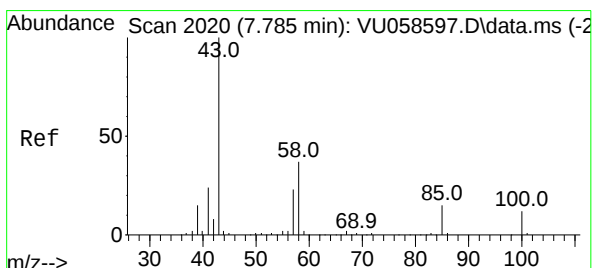
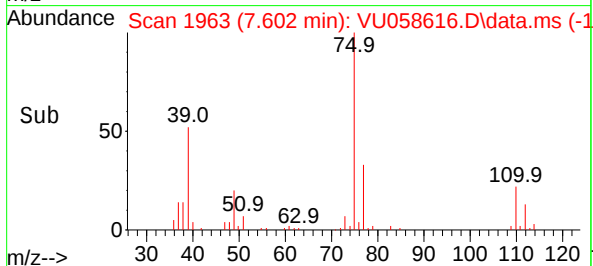
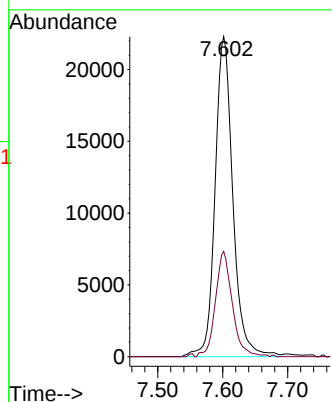
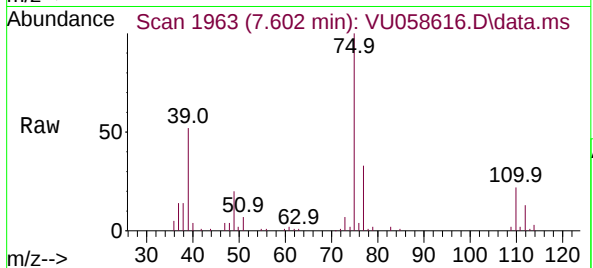




#39
 cis-1,3-Dichloropropene
 Concen: 4.499 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

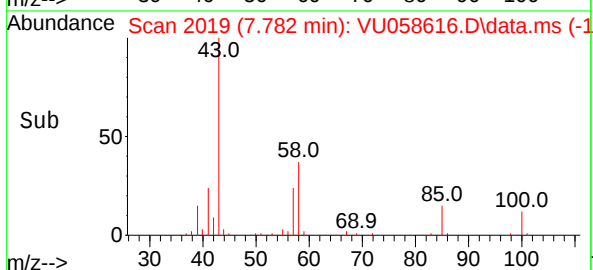
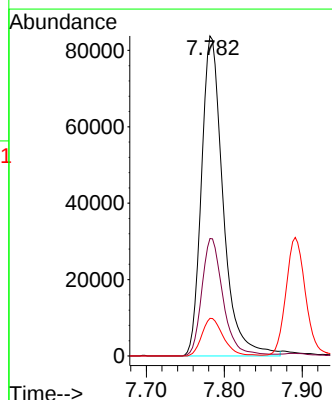
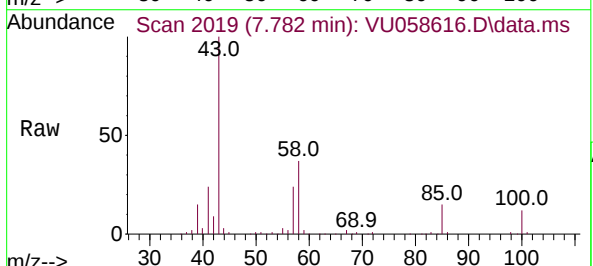
Instrument :
 MSVOA_U
 ClientSampleId :

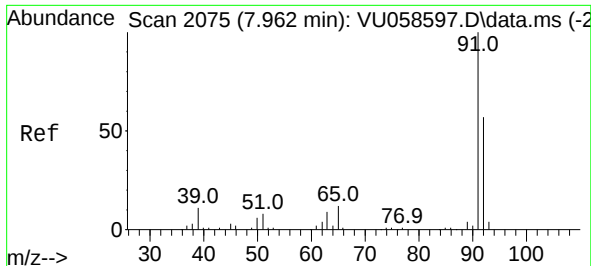
Tgt Ion: 75 Resp: 42260
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 46.492 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058616.D
 Acq: 11 Apr 2024 18:22

Tgt Ion: 43 Resp: 161664
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.4 45.6
 100 11.7 10.3 15.5





#42

Toluene

Concen: 4.488 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

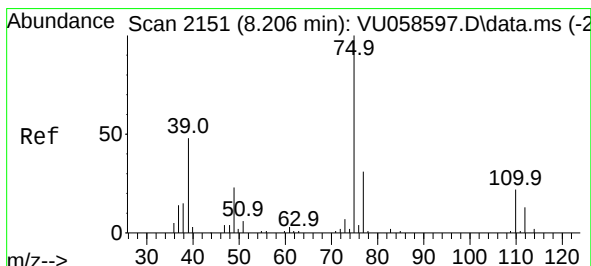
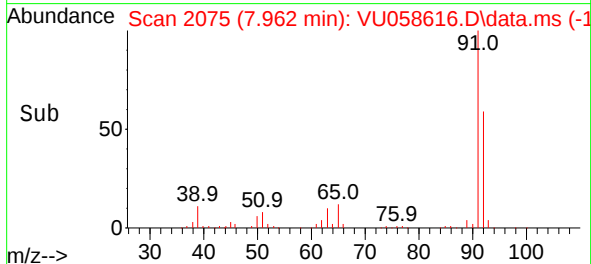
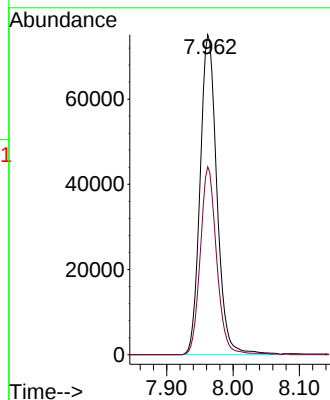
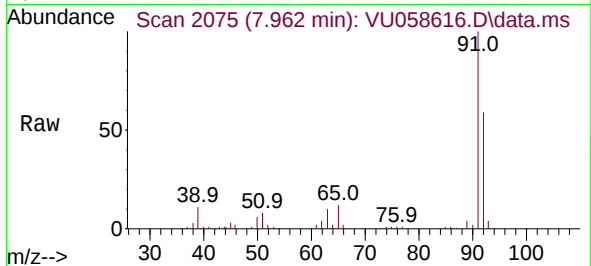
ClientSampleId :

Tgt Ion: 91 Resp: 132184

Ion Ratio Lower Upper

91 100

92 58.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.547 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058616.D

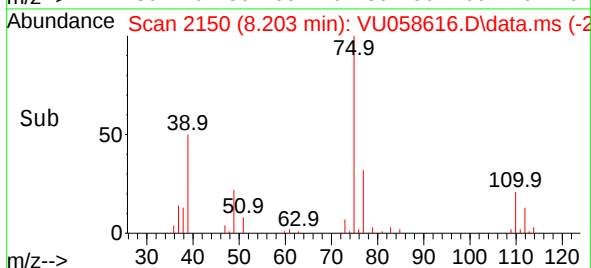
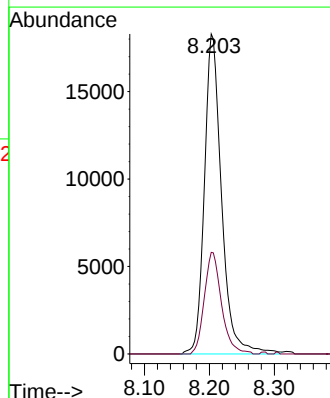
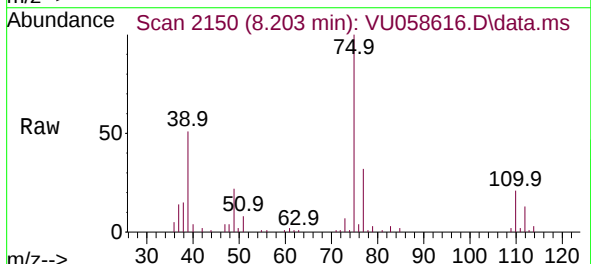
Acq: 11 Apr 2024 18:22

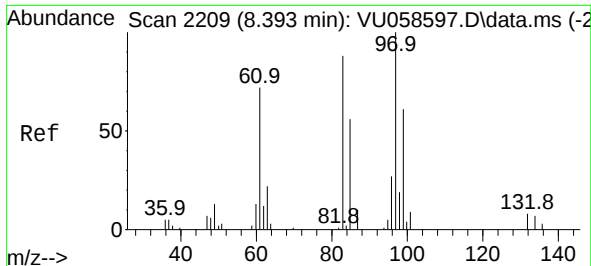
Tgt Ion: 75 Resp: 33688

Ion Ratio Lower Upper

75 100

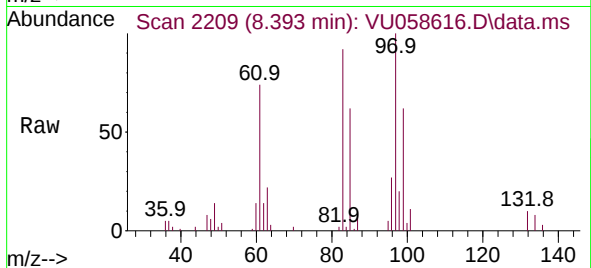
77 31.7 22.2 41.2



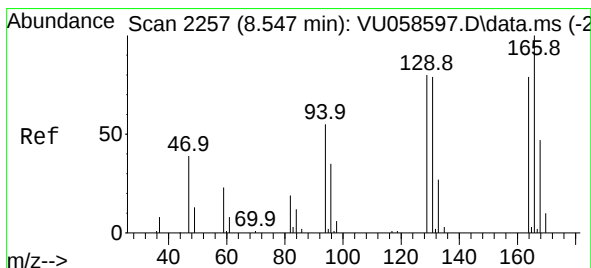
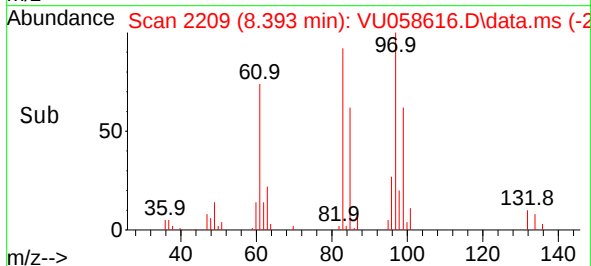
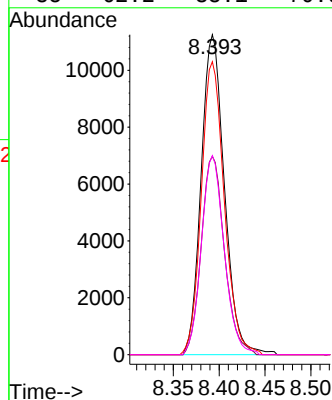


#45
1,1,2-Trichloroethane
Concen: 4.603 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :

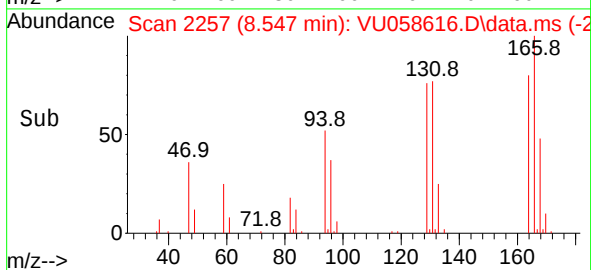
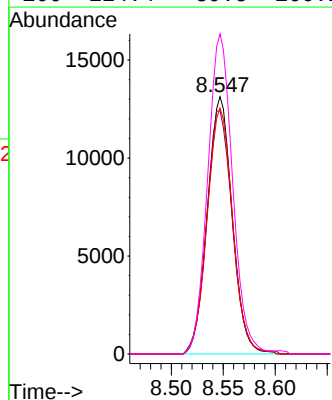
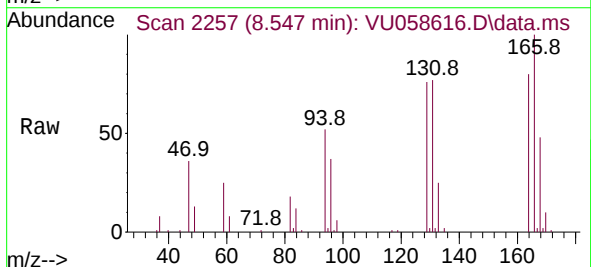


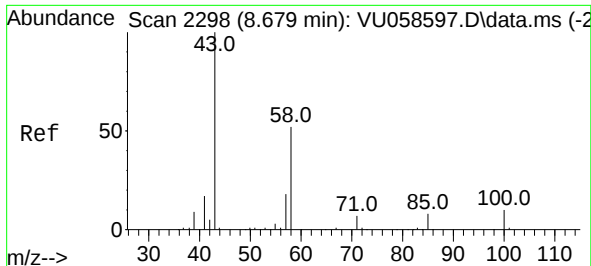
Tgt Ion:	97	Resp:	19858
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.7	81.1
83	91.5	64.5	119.7
85	62.2	38.1	70.9



#47
Tetrachloroethene
Concen: 4.209 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion:	164	Resp:	21837
Ion	Ratio	Lower	Upper
164	100		
129	94.6	67.3	125.1
131	95.5	65.5	121.6
166	124.4	89.5	166.1

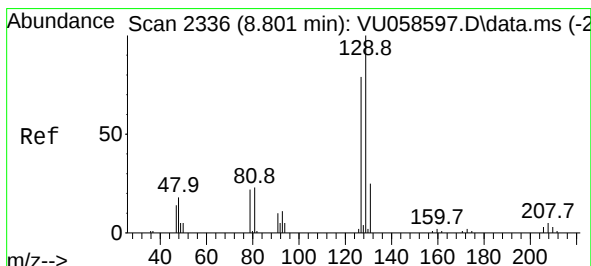
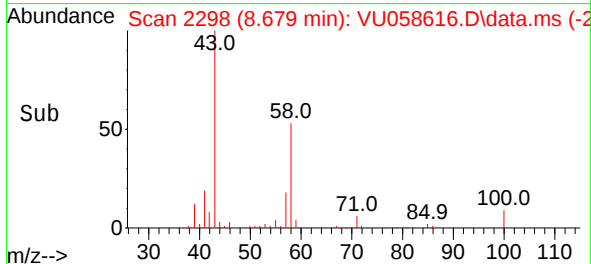
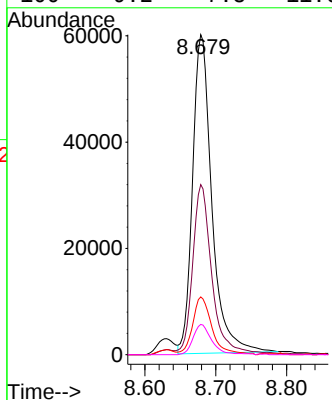
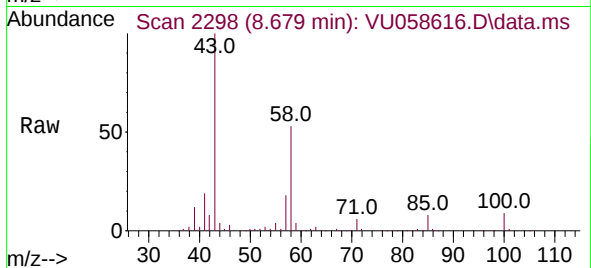




#48
2-Hexanone
Concen: 46.019 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

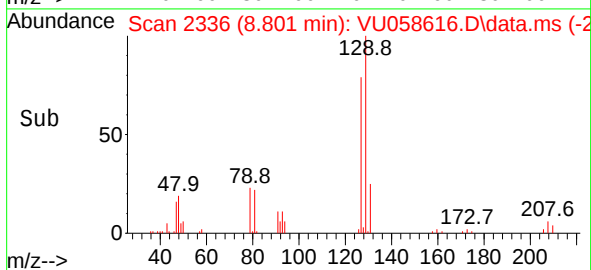
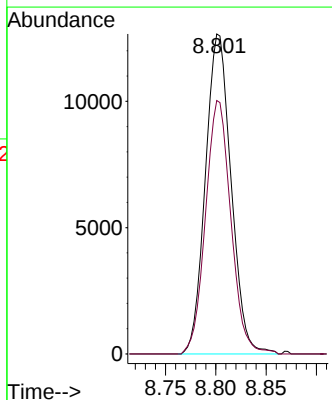
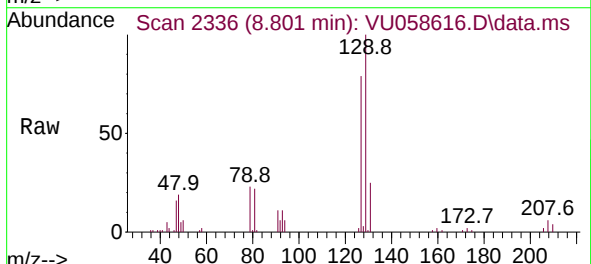
Instrument :
MSVOA_U
ClientSampleId :

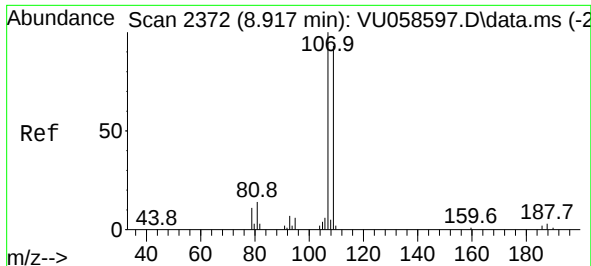
Tgt Ion: 43 Resp: 113598
Ion Ratio Lower Upper
43 100
58 52.4 43.2 64.8
57 18.1 15.4 23.0
100 9.2 7.8 11.6



#49
Dibromochloromethane
Concen: 4.511 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 129 Resp: 22500
Ion Ratio Lower Upper
129 100
127 79.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.444 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

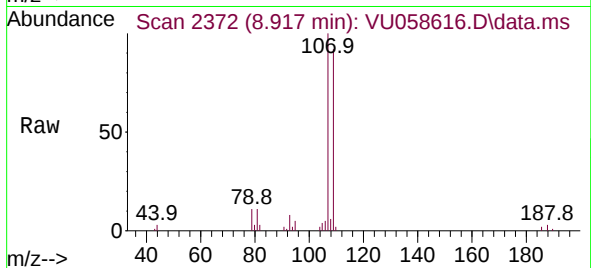
Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

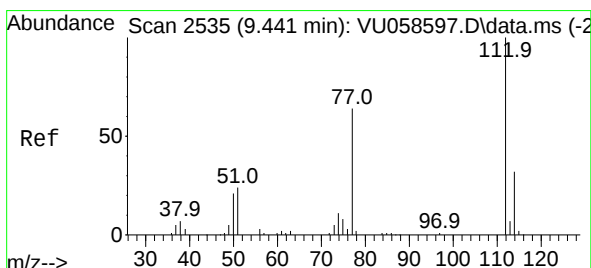
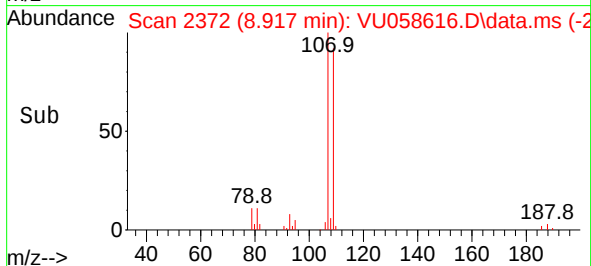
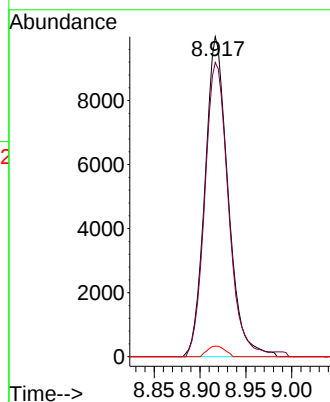
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	17533
Ion	Ratio	Lower	Upper
107	100		
109	92.0	67.3	124.9
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 4.434 ug/L

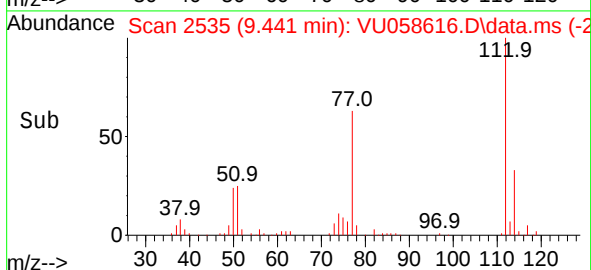
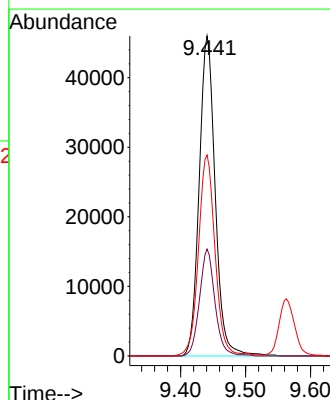
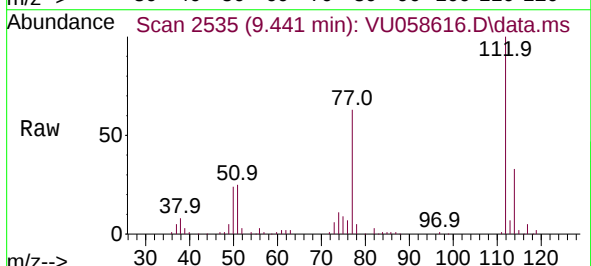
RT: 9.441 min Scan# 2535

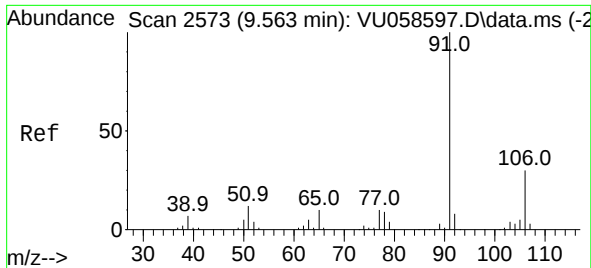
Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Tgt Ion:	112	Resp:	79012
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.4	41.6
77	62.8	50.1	75.1

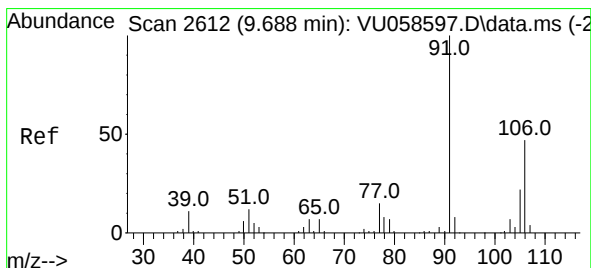
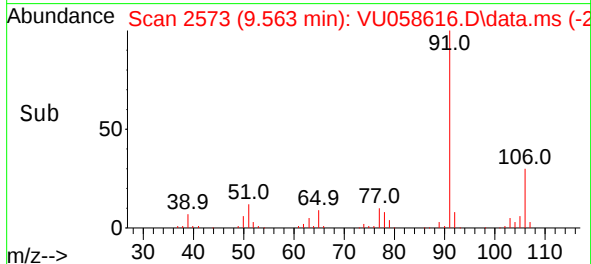
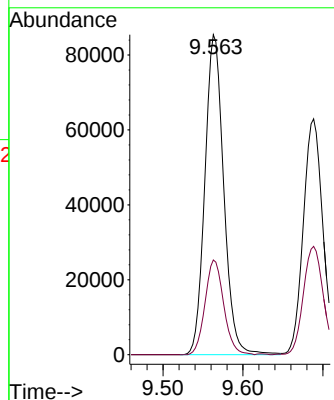
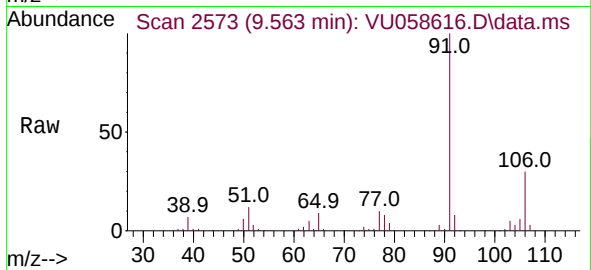




#52
Ethylbenzene
Concen: 4.497 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

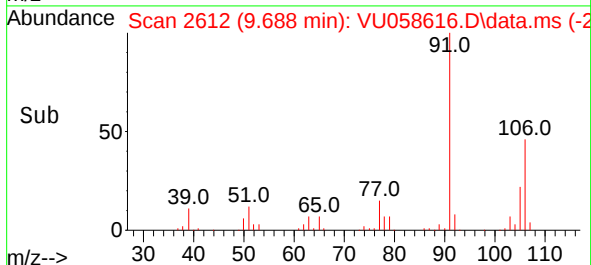
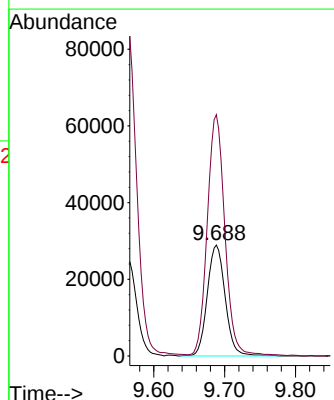
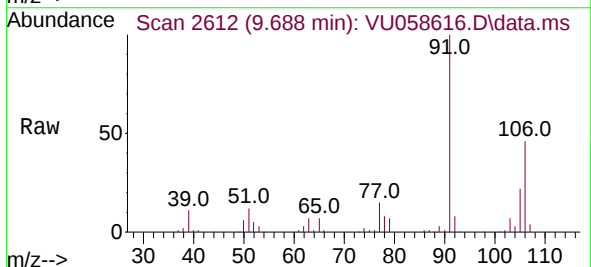
Instrument :
MSVOA_U
ClientSampleId :

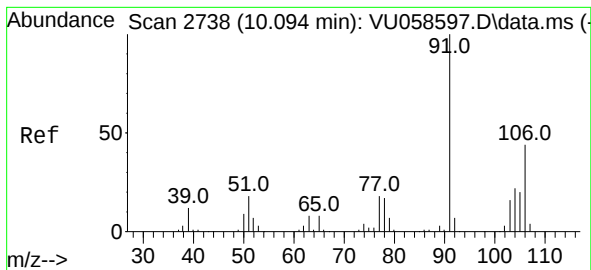
Tgt Ion: 91 Resp: 140313
Ion Ratio Lower Upper
91 100
106 29.6 20.6 38.4



#53
m,p-Xylene
Concen: 4.536 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion:106 Resp: 50675
Ion Ratio Lower Upper
106 100
91 217.7 147.8 274.4





#54

o-Xylene

Concen: 4.573 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

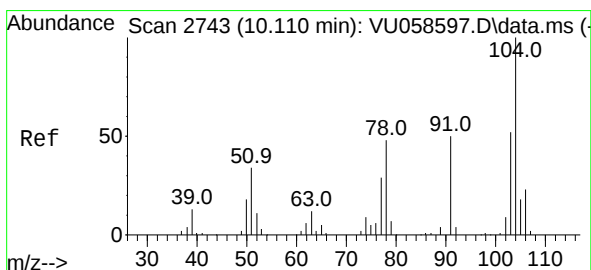
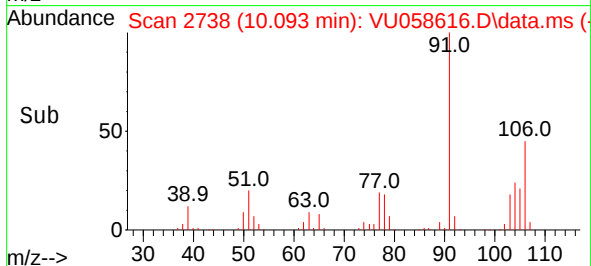
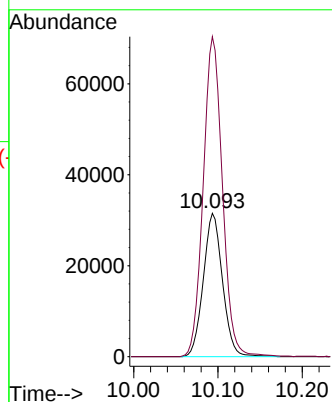
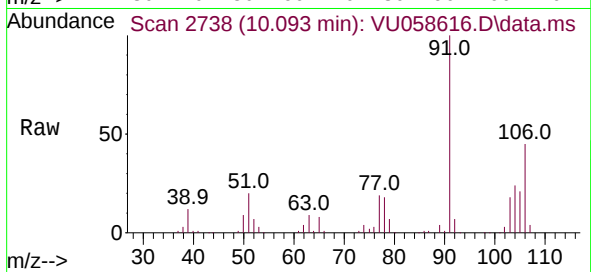
ClientSampleId :

Tgt Ion:106 Resp: 50092

Ion Ratio Lower Upper

106 100

91 223.1 156.9 291.5



#55

Styrene

Concen: 4.540 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058616.D

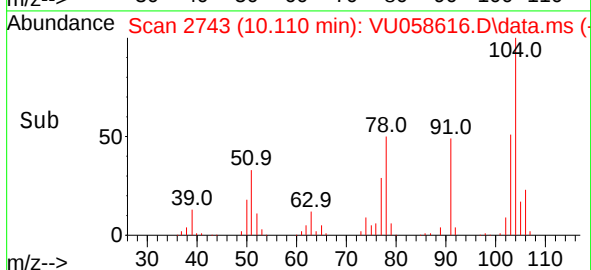
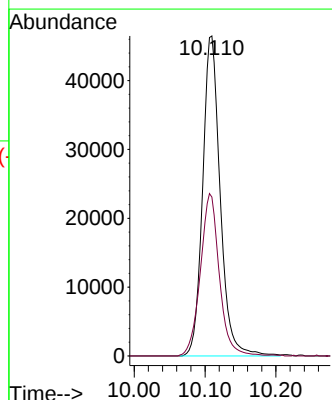
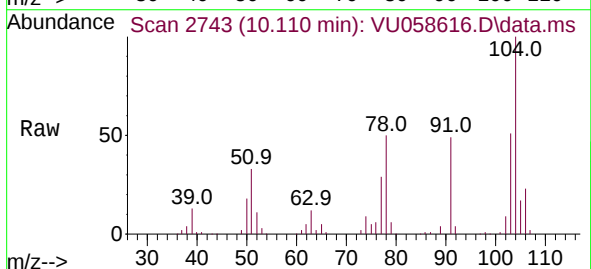
Acq: 11 Apr 2024 18:22

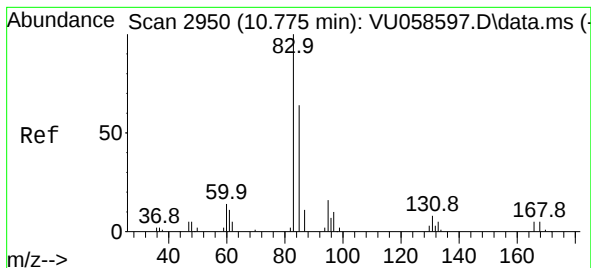
Tgt Ion:104 Resp: 80005

Ion Ratio Lower Upper

104 100

78 49.7 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.685 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

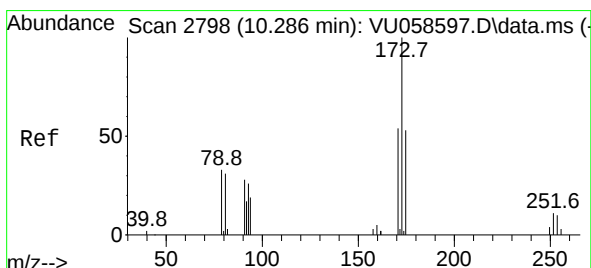
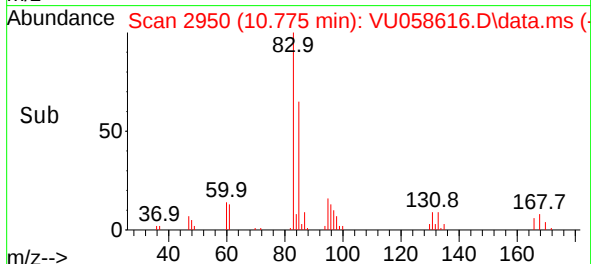
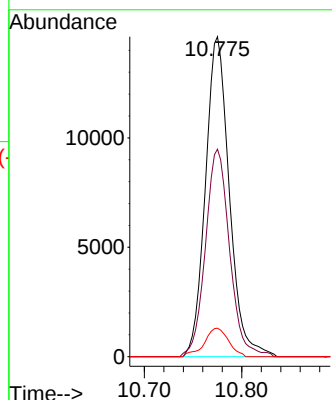
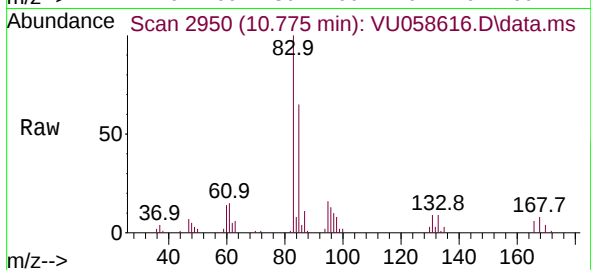
Tgt Ion: 83 Resp: 24933

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

131 8.9 6.9 10.3



#59

Bromoform

Concen: 4.470 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

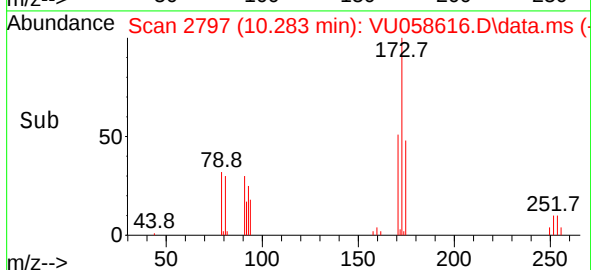
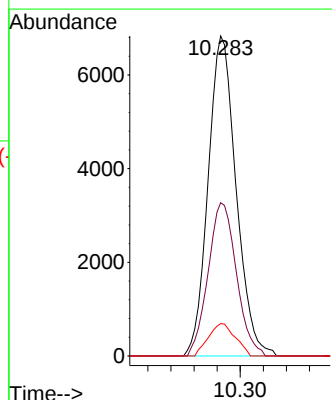
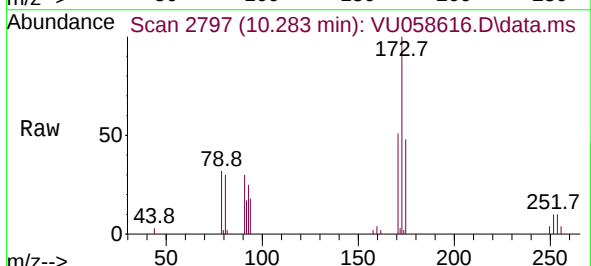
Tgt Ion:173 Resp: 11486

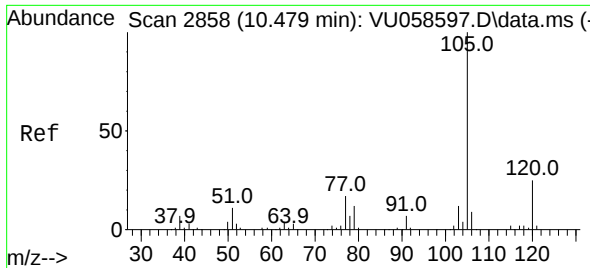
Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

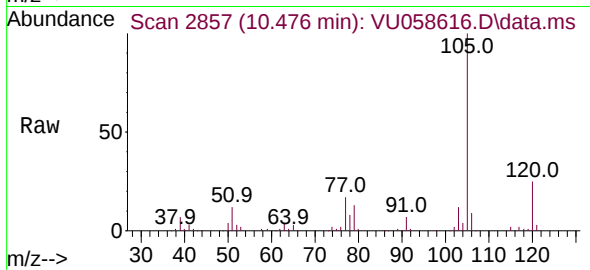
254 9.7 7.5 11.3



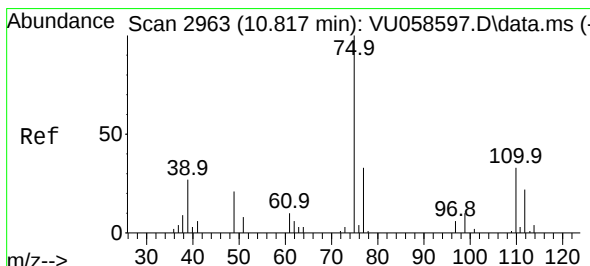
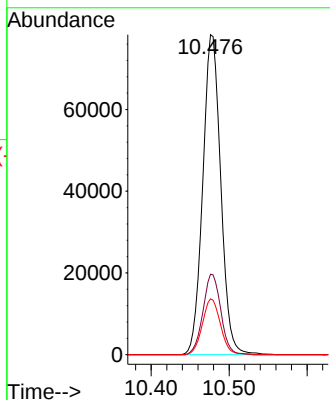
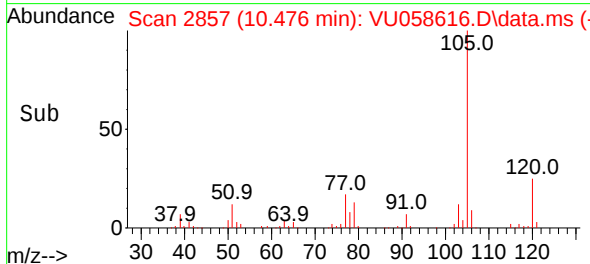


#60
Isopropylbenzene
Concen: 4.459 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :

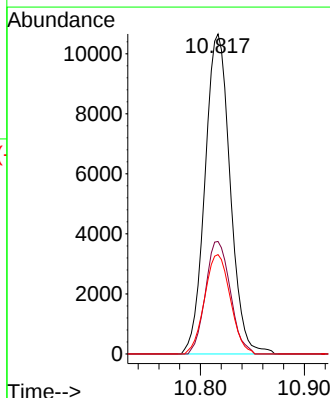
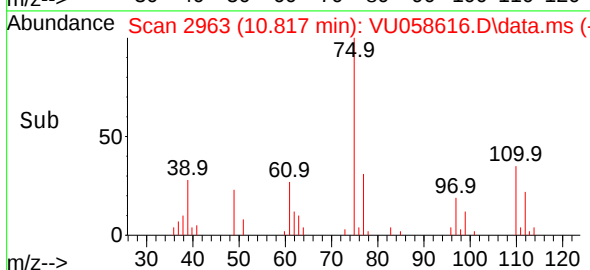
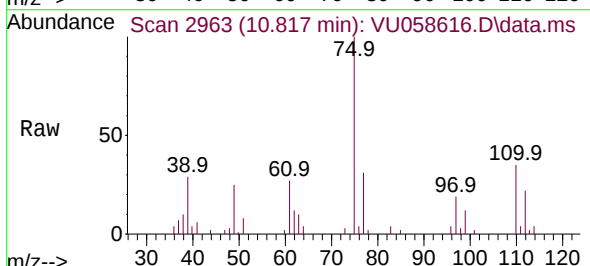


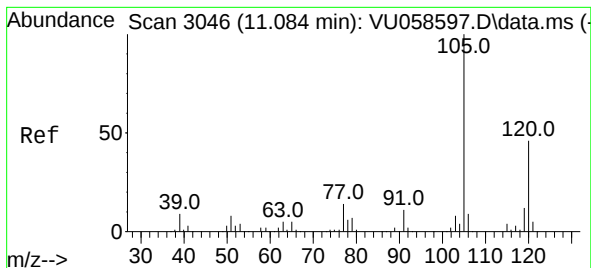
Tgt Ion:105 Resp: 125551
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.4
77 17.5 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.567 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion: 75 Resp: 17924
Ion Ratio Lower Upper
75 100
110 34.5 25.8 38.6
77 31.7 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.338 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

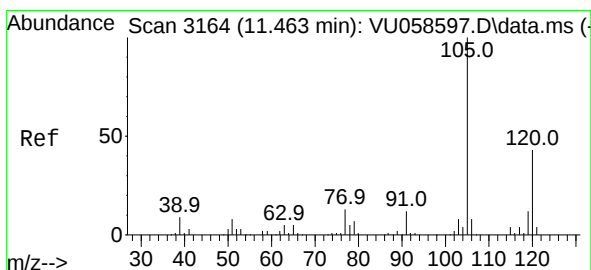
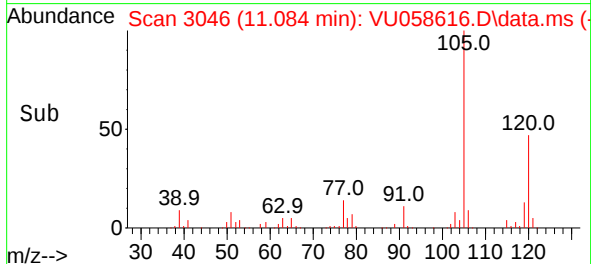
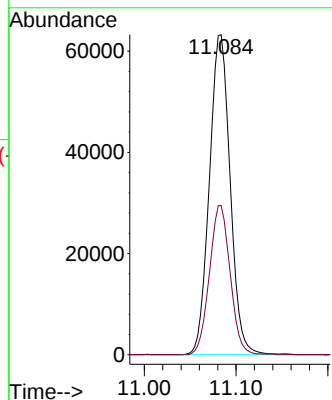
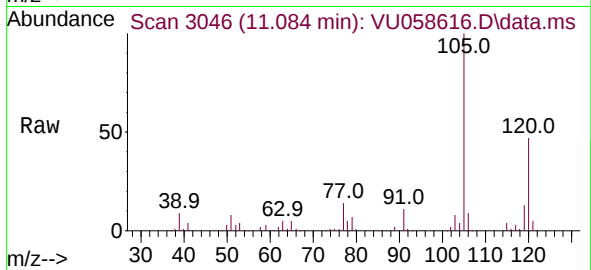
ClientSampleId :

Tgt Ion:105 Resp: 99610

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.393 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058616.D

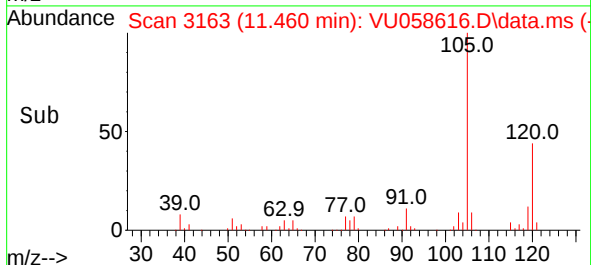
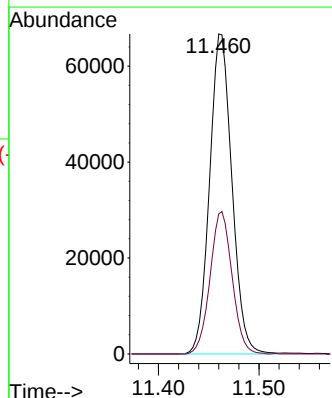
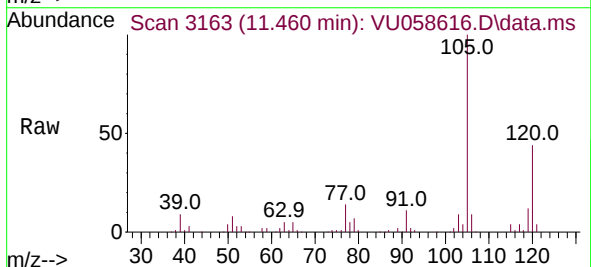
Acq: 11 Apr 2024 18:22

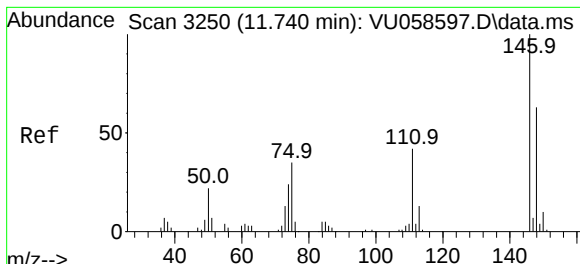
Tgt Ion:105 Resp: 103011

Ion Ratio Lower Upper

105 100

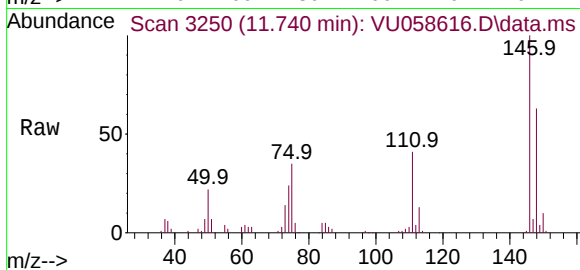
120 43.8 34.7 52.1



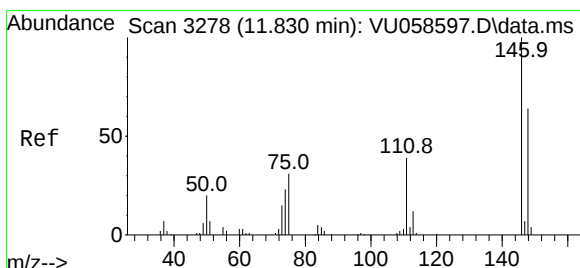
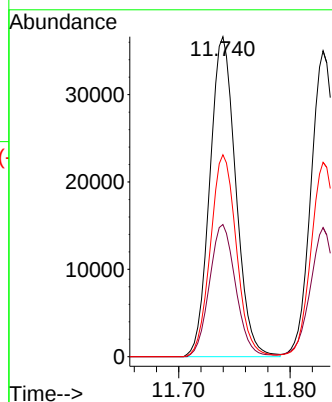
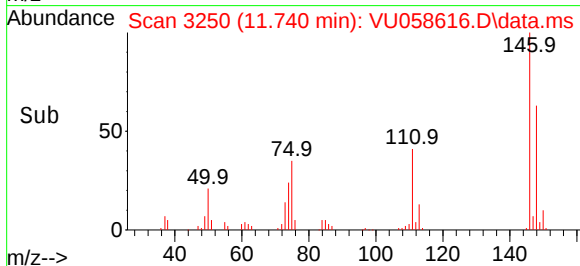


#64
1,3-Dichlorobenzene
Concen: 4.342 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

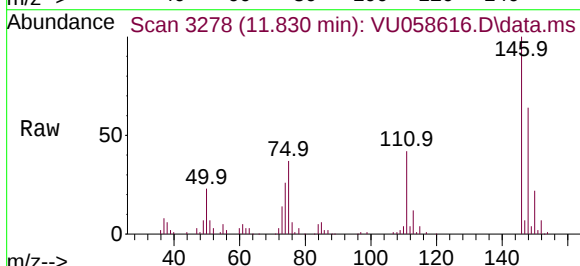
Instrument :
MSVOA_U
ClientSampleId :



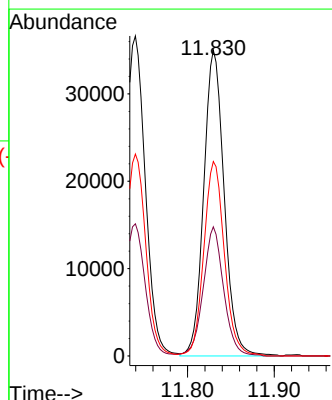
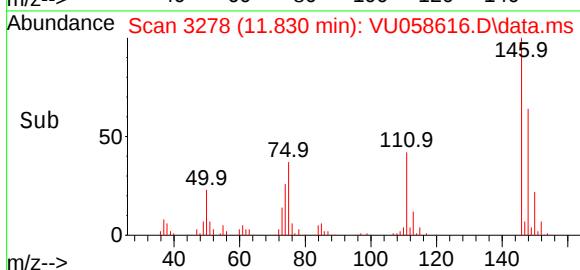
Tgt Ion:146 Resp: 59392
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.4
148 63.1 44.9 83.3

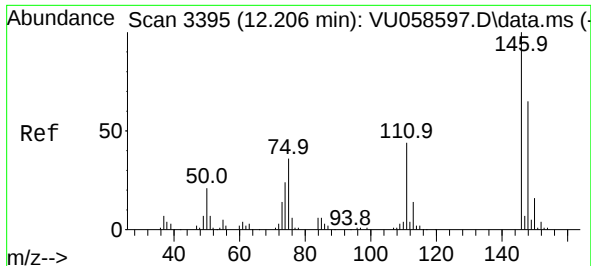


#65
1,4-Dichlorobenzene
Concen: 4.320 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22



Tgt Ion:146 Resp: 57572
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.6
148 63.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.231 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

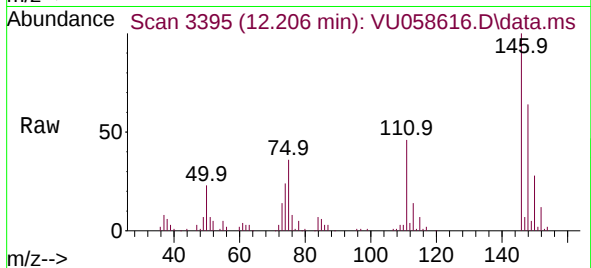
Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :



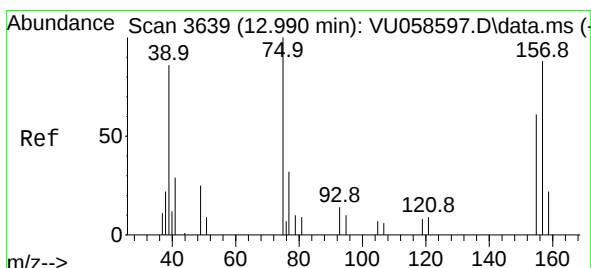
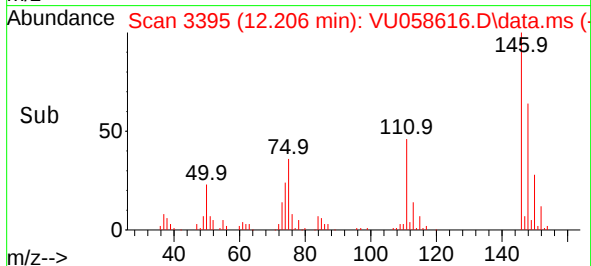
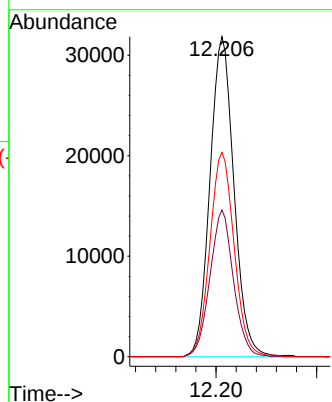
Tgt Ion:146 Resp: 52645

Ion Ratio Lower Upper

146 100

111 45.9 35.0 52.4

148 63.8 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.659 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

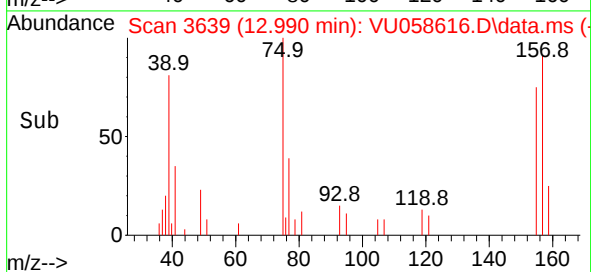
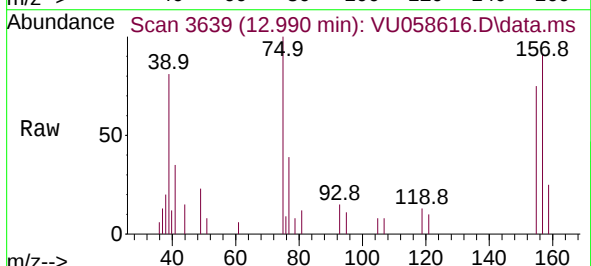
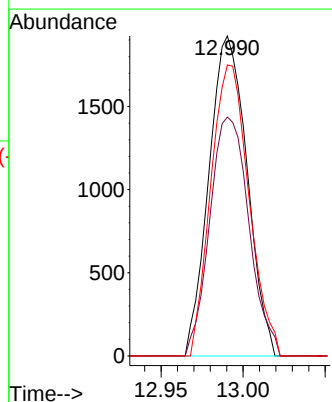
Tgt Ion: 75 Resp: 3101

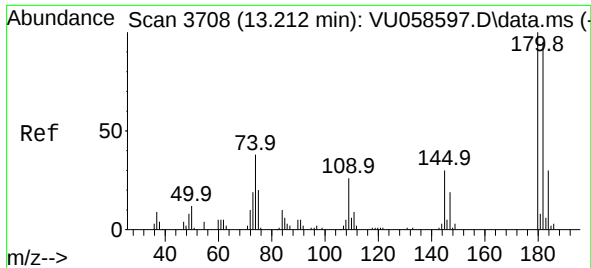
Ion Ratio Lower Upper

75 100

155 74.6 61.4 92.0

157 91.0 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.072 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

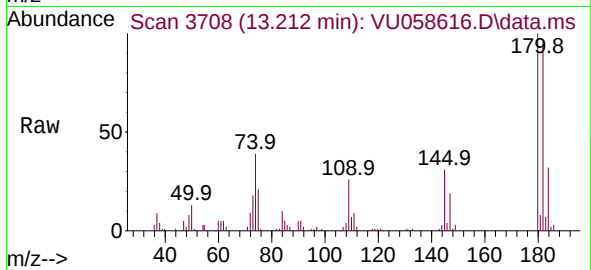
Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 41188

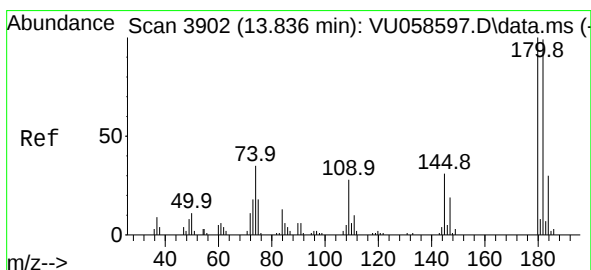
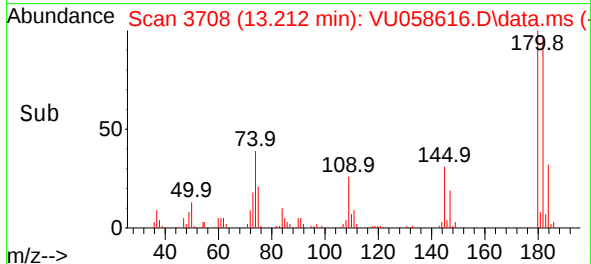
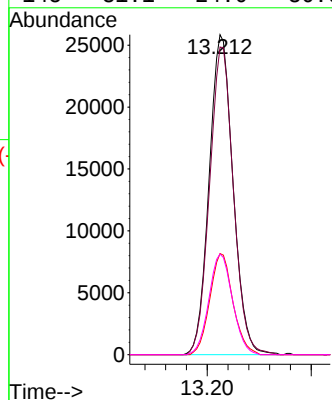
Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

184 30.6 24.3 36.5

145 31.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.720 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058616.D

Acq: 11 Apr 2024 18:22

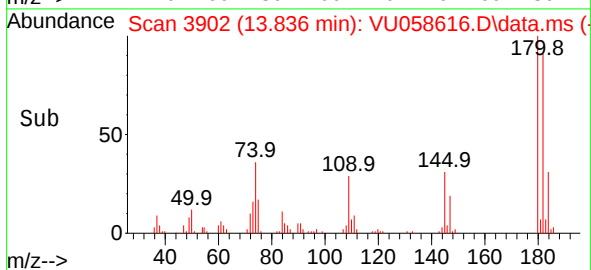
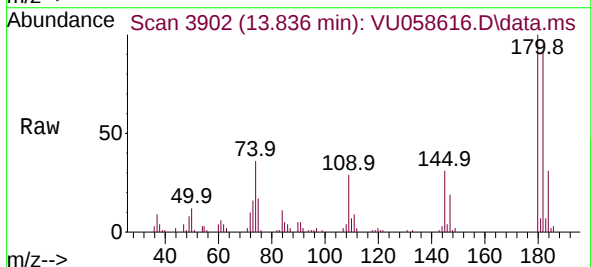
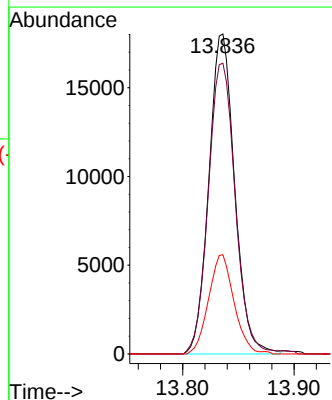
Tgt Ion:180 Resp: 29015

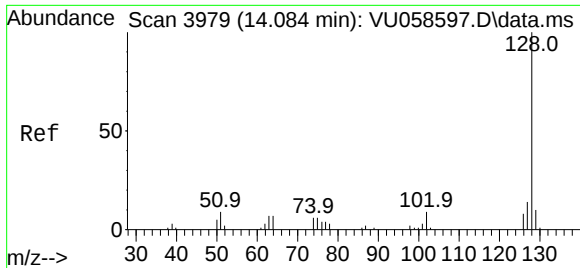
Ion Ratio Lower Upper

180 100

182 95.0 74.4 111.6

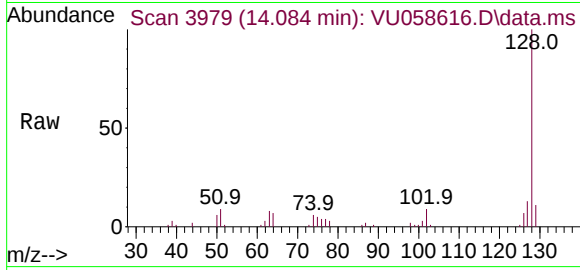
145 30.7 24.1 36.1



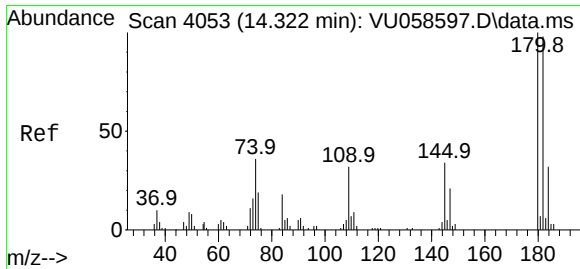
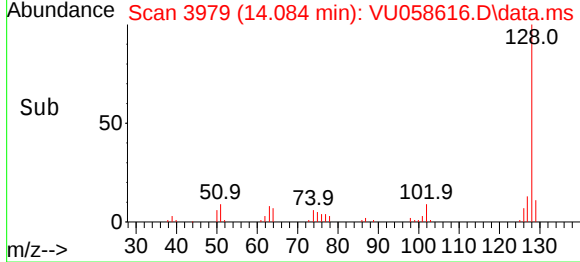
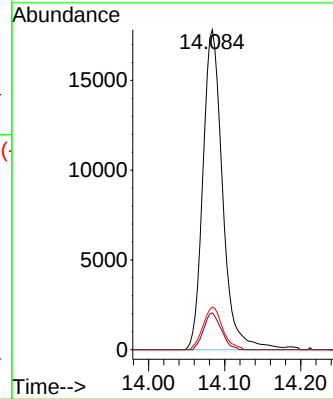


#71
Naphthalene
Concen: 2.990 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Instrument : MSVOA_U
ClientSampleId :



Tgt Ion:128	Resp:	31956
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.6 13.0
127	13.2	11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.682 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058616.D
Acq: 11 Apr 2024 18:22

Tgt Ion:180	Resp:	23716
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.9 113.9
145	32.2	25.2 37.8

