

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
 Data File : VU058806.D
 Acq On : 25 Apr 2024 15:58
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 02:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 26 02:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	72077	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	69166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	19674	3.470	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	69.400%		
7) Chloroethane-d5	1.904	69	14582	3.413	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	68.200%		
11) 1,1-Dichloroethene-d2	2.557	65	12507	4.382	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	87.600%		
20) 2-Butanone-d5	4.611	46	42129	42.294	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.580%		
24) Chloroform-d	5.049	84	56879	4.907	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.200%		
26) 1,2-Dichloroethane-d4	5.692	65	27807	4.950	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.000%		
32) Benzene-d6	5.717	84	98483	4.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.400%		
36) 1,2-Dichloropropane-d6	6.682	67	27003	4.112	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.200%		
41) Toluene-d8	7.891	98	89735	4.554	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	8.174	79	11229	4.697	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.000%		
46) 2-Hexanone-d5	8.624	63	30866	43.570	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	87.140%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17987	4.497	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	30751	4.820	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	41020	5.197	ug/L	98
3) Chloromethane	1.512	50	22824	3.694	ug/L	97
5) Vinyl chloride	1.595	62	24529	3.913	ug/L	98
6) Bromomethane	1.849	94	13817	3.724	ug/L	91
8) Chloroethane	1.923	64	14155	4.008	ug/L	97
9) Trichlorofluoromethane	2.129	101	52413	5.341	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29486	5.041	ug/L	94
12) 1,1-Dichloroethene	2.570	96	25441	4.847	ug/L	93
13) Acetone	2.621	43	28812	41.851	ug/L	96
14) Carbon disulfide	2.785	76	81706	4.576	ug/L	99
15) Methyl Acetate	2.943	43	7652	4.636	ug/L	100
16) Methylene chloride	3.033	84	27248	4.824	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	59386	4.998	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	27345	5.201	ug/L	91
19) 1,1-Dichloroethane	3.856	63	51781	4.651	ug/L	97
21) 2-Butanone	4.692	43	43788	40.447	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	28143	4.873	ug/L	90
23) Bromochloromethane	4.965	128	11951	5.285	ug/L #	84
25) Chloroform	5.074	83	58840	5.084	ug/L	97

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 Quant Title : TRACE VOA SFAM1.0
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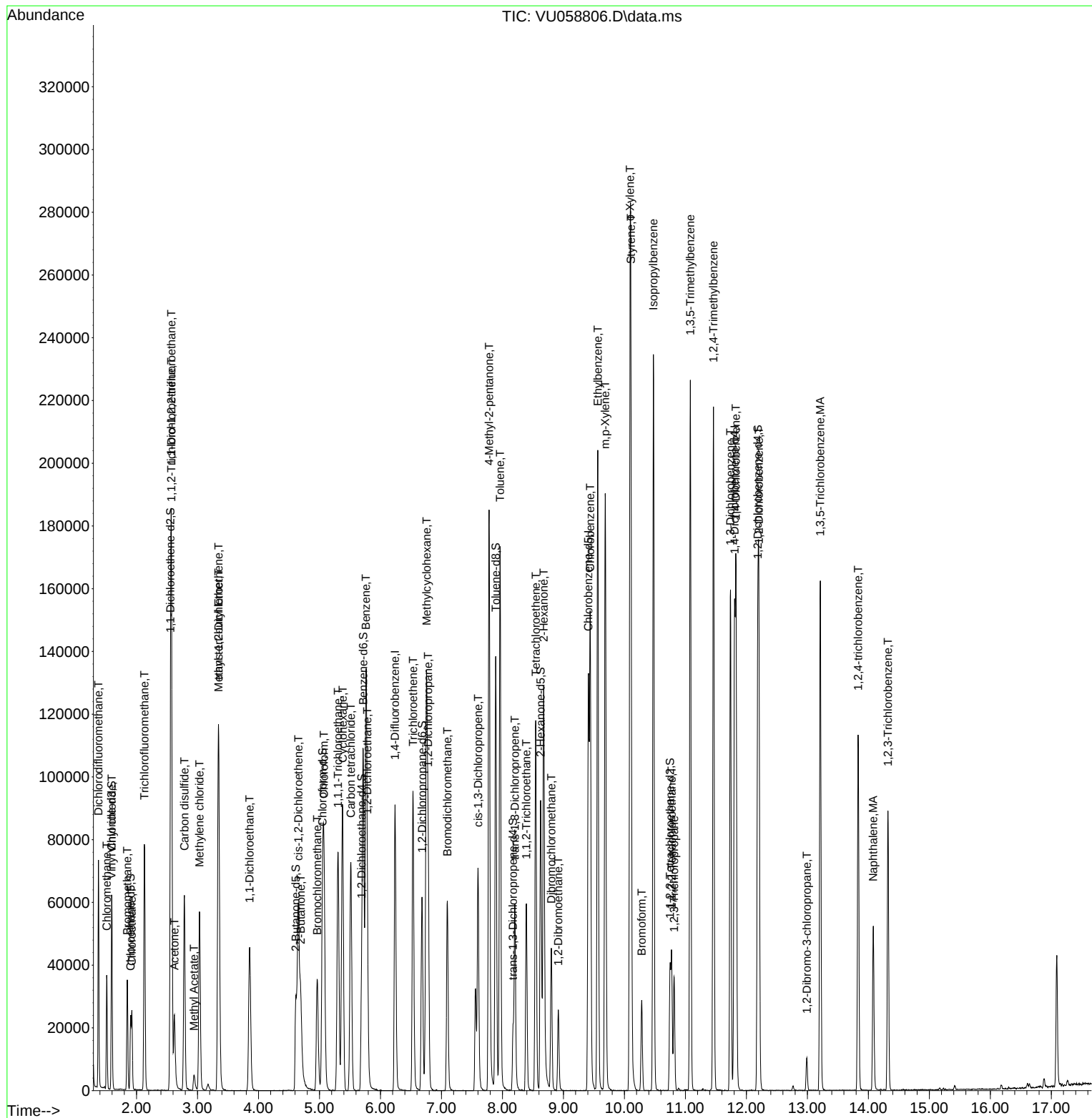
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36294	5.242	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	57102	5.532	ug/L	98
30) Cyclohexane	5.380	56	42121	4.323	ug/L	89
31) Carbon tetrachloride	5.515	117	51329	5.625	ug/L	99
33) Benzene	5.762	78	113539	4.745	ug/L	100
34) Trichloroethene	6.534	95	32018	4.917	ug/L	95
35) Methylcyclohexane	6.756	83	48010	4.852	ug/L	96
37) 1,2-Dichloropropane	6.782	63	26735	4.277	ug/L	99
38) Bromodichloromethane	7.097	83	39486	5.099	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	41895	4.841	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	113687	41.206	ug/L #	96
42) Toluene	7.962	91	124066	5.017	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	33898	5.088	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	17583	4.889	ug/L	97
47) Tetrachloroethene	8.547	164	24856	5.439	ug/L	96
48) 2-Hexanone	8.676	43	81309	41.486	ug/L #	97
49) Dibromochloromethane	8.801	129	22286	5.291	ug/L	91
50) 1,2-Dibromoethane	8.917	107	15857	4.792	ug/L	91
51) Chlorobenzene	9.441	112	75916	5.038	ug/L	98
52) Ethylbenzene	9.563	91	140142	5.138	ug/L	98
53) m,p-Xylene	9.685	106	52680	5.258	ug/L	95
54) o-Xylene	10.093	106	48774	5.135	ug/L	98
55) Styrene	10.106	104	81454	5.264	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	19208	4.582	ug/L #	98
59) Bromoform	10.283	173	12321	4.806	ug/L	99
60) Isopropylbenzene	10.476	105	143411	4.939	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	14159	4.250	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	120428	4.983	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	117389	5.134	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	62462	4.991	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	60848	4.983	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	54905	5.067	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	2808	4.877	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	48086	5.371	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	33375	5.362	ug/L	99
71) Naphthalene	14.080	128	42869	5.693	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	25547	5.179	ug/L	98

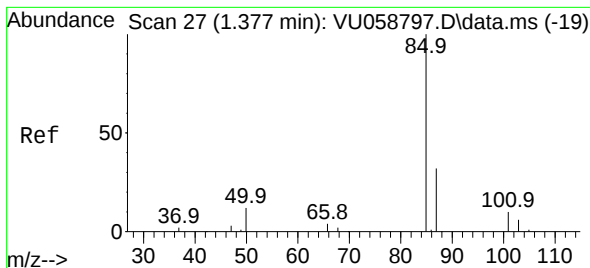
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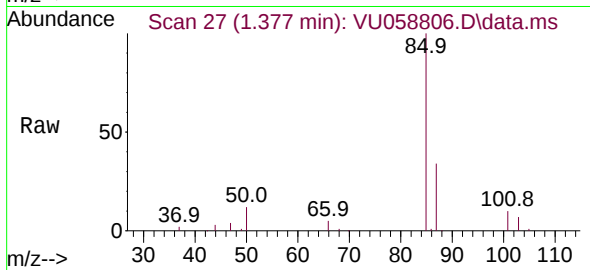
Quant Time: Apr 26 02:14:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
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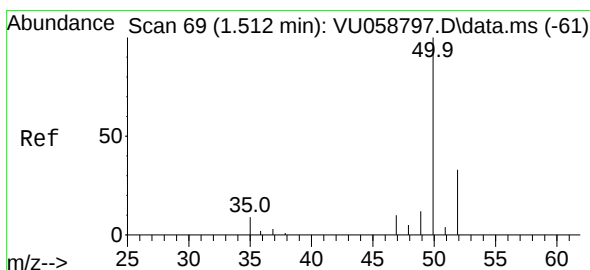
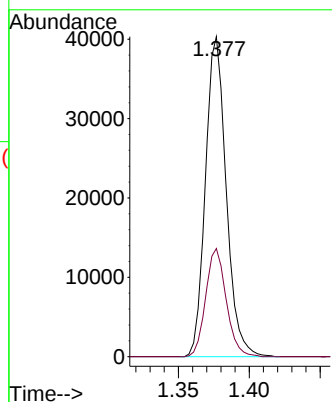
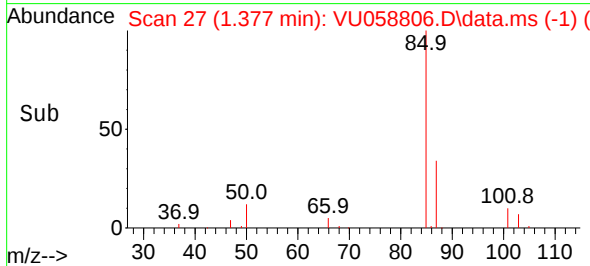


#2
Dichlorodifluoromethane
Concen: 5.197 ug/L
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :

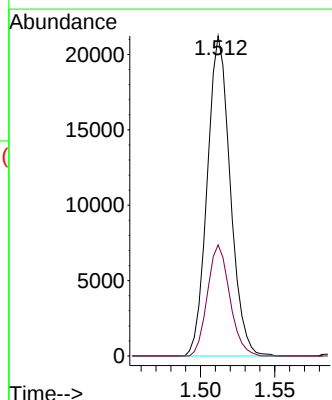
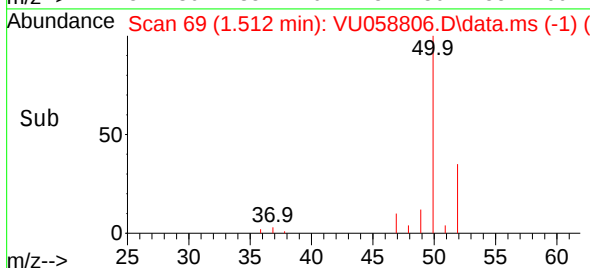
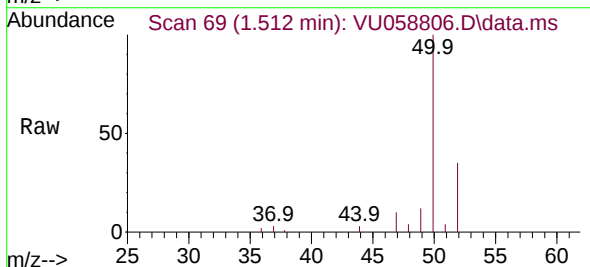


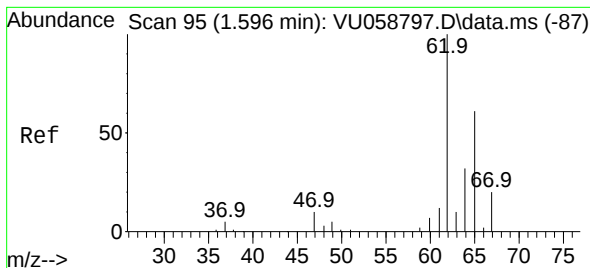
Tgt Ion: 85 Resp: 41020
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0



#3
Chloromethane
Concen: 3.694 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 50 Resp: 22824
Ion Ratio Lower Upper
50 100
52 34.7 23.0 42.8





#5

Vinyl chloride

Concen: 3.913 ug/L

RT: 1.595 min Scan# 90

Delta R.T. -0.000 min MSVOA_U

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

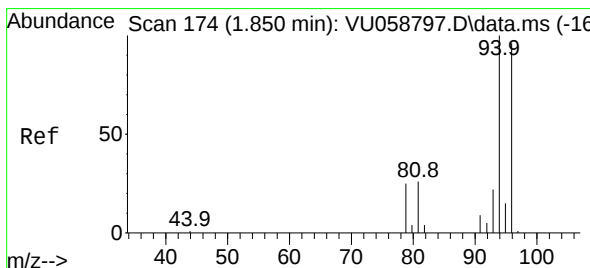
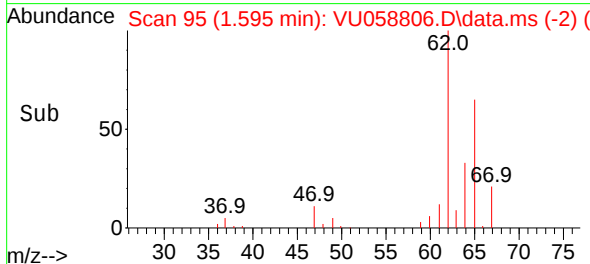
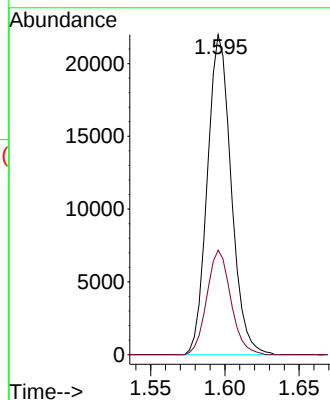
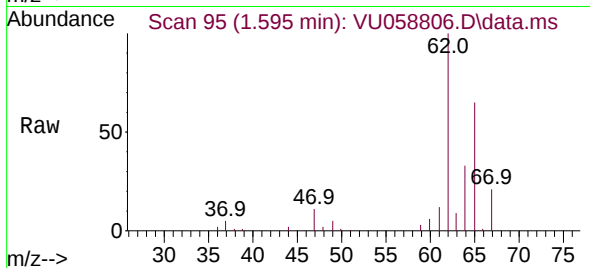
ClientSampleId :

Tgt Ion: 62 Resp: 24529

Ion Ratio Lower Upper

62 100

64 32.6 23.8 44.2



#6

Bromomethane

Concen: 3.724 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU058806.D

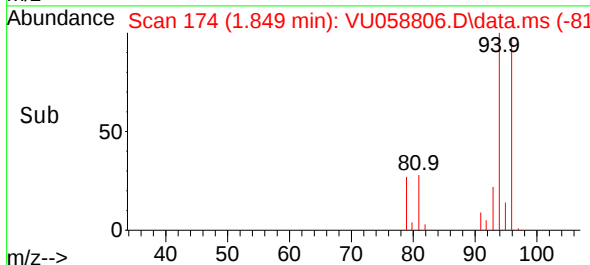
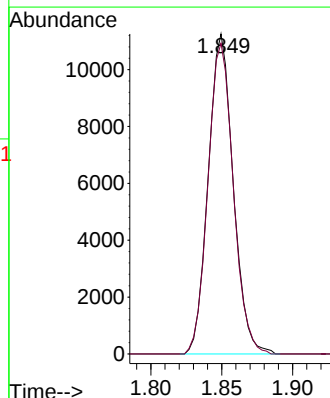
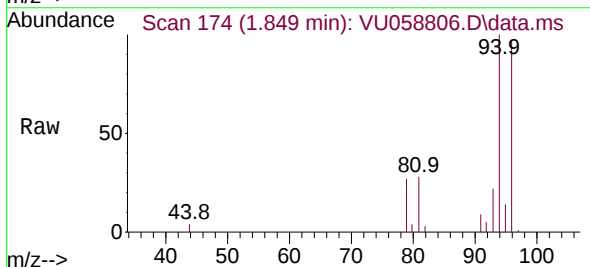
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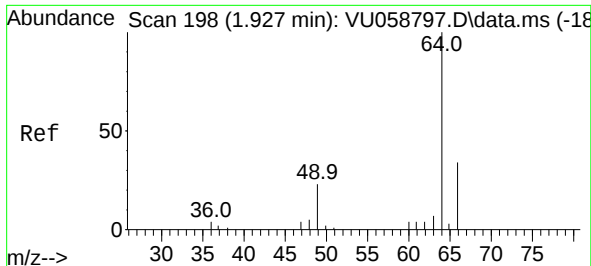
Tgt Ion: 94 Resp: 13817

Ion Ratio Lower Upper

94 100

96 97.1 62.2 115.6

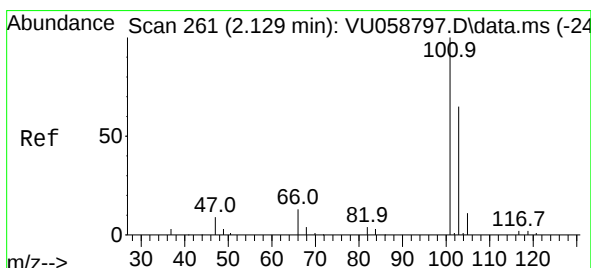
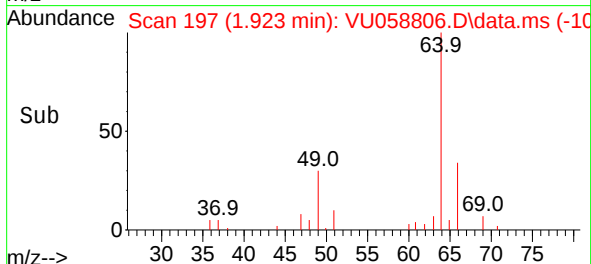
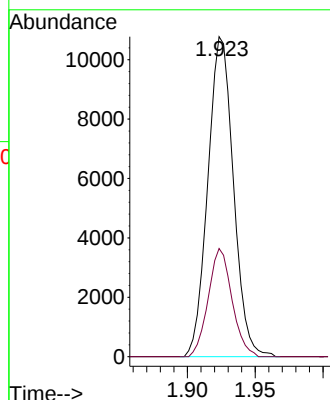
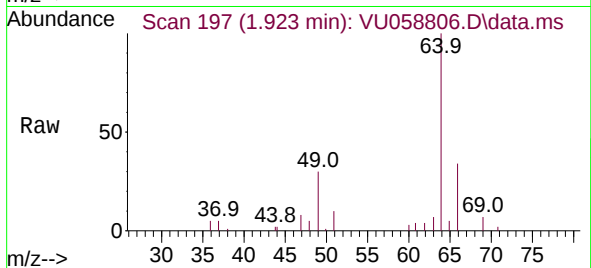




#8
Chloroethane
Concen: 4.008 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

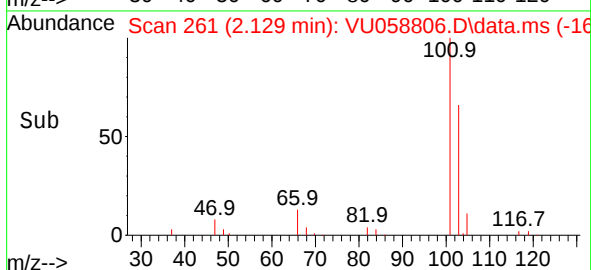
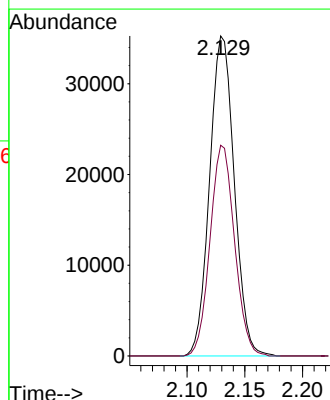
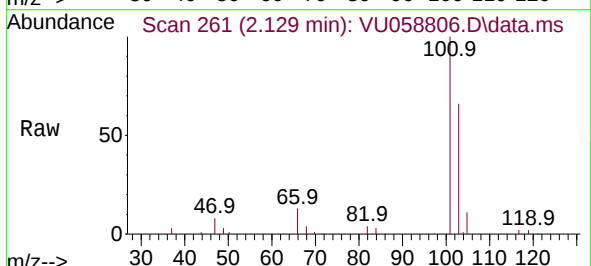
Instrument :
MSVOA_U
ClientSampleId :

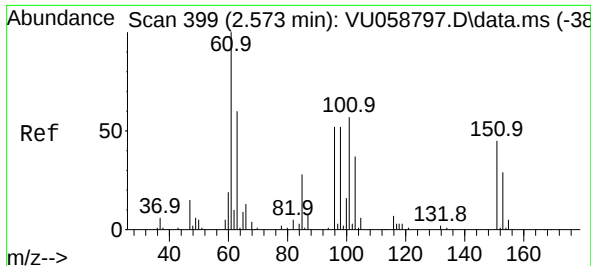
Tgt Ion: 64 Resp: 14155
Ion Ratio Lower Upper
64 100
66 33.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.341 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:101 Resp: 52413
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8

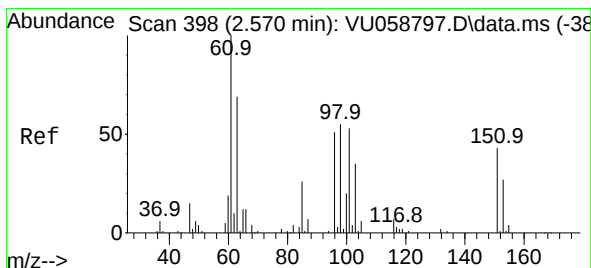
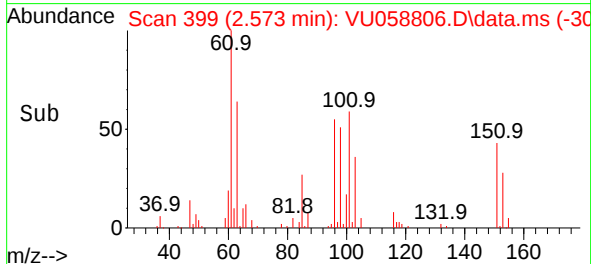
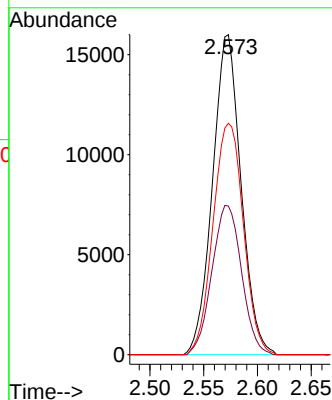
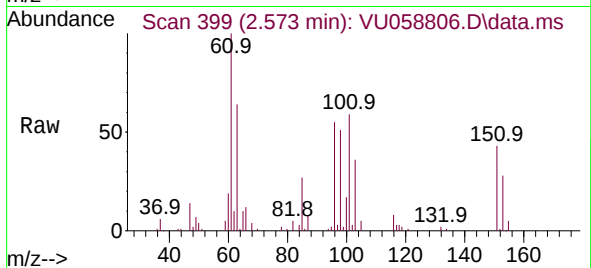




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.041 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058806.D
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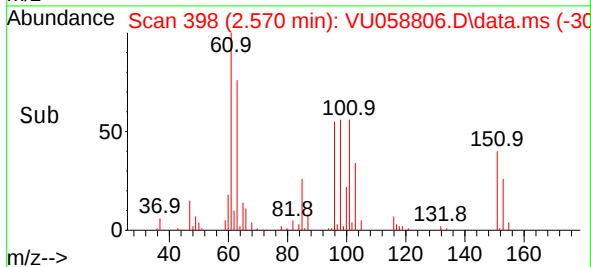
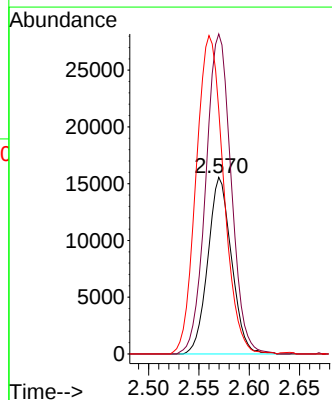
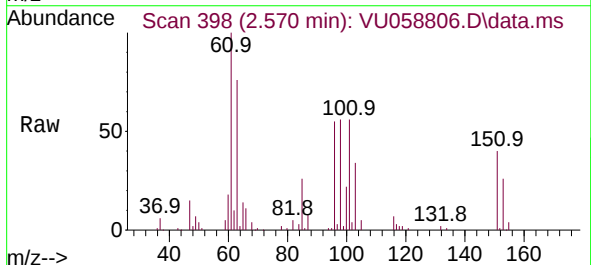
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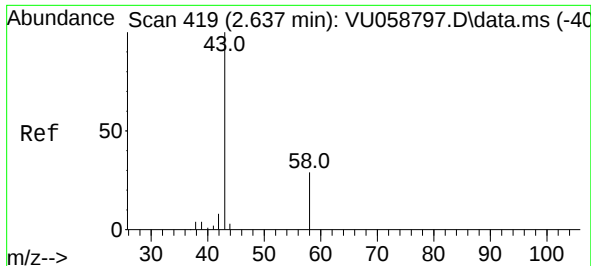
Tgt Ion:101 Resp: 29486
Ion Ratio Lower Upper
101 100
85 48.5 36.7 55.1
151 77.1 56.6 84.8



#12
1,1-Dichloroethene
Concen: 4.847 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 96 Resp: 25441
Ion Ratio Lower Upper
96 100
61 181.2 135.3 251.3
63 138.2 91.9 170.7





#13

Acetone

Concen: 41.851 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

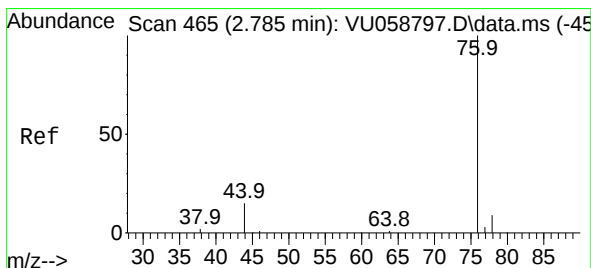
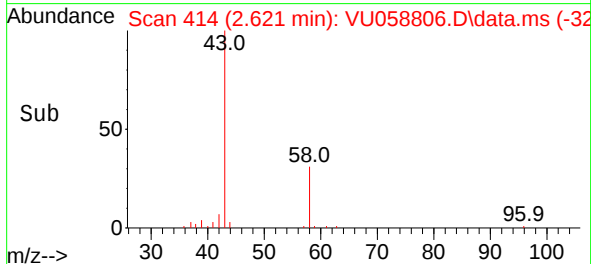
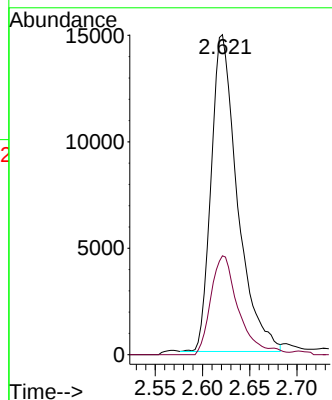
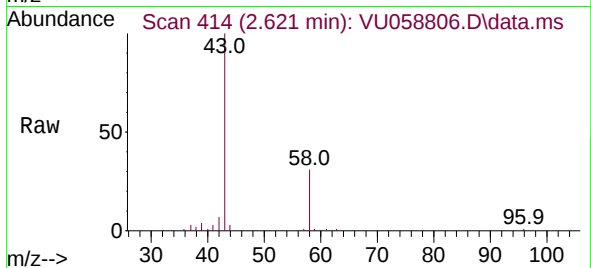
ClientSampleId :

Tgt Ion: 43 Resp: 28812

Ion Ratio Lower Upper

43 100

58 32.9 0.0 61.2



#14

Carbon disulfide

Concen: 4.576 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058806.D

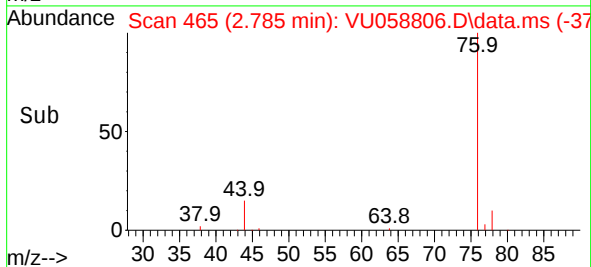
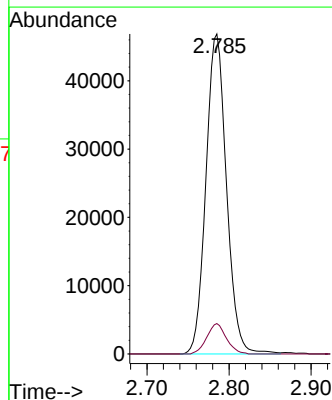
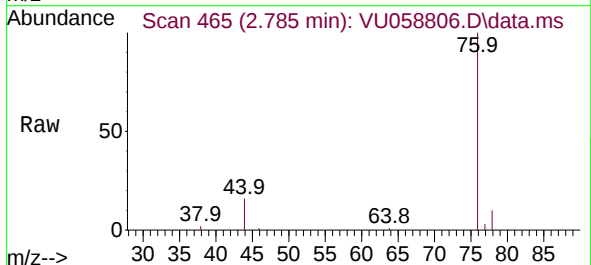
Acq: 25 Apr 2024 15:58

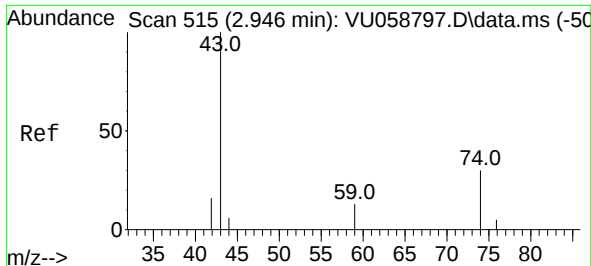
Tgt Ion: 76 Resp: 81706

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 4.636 ug/L

RT: 2.943 min Scan# 515

Delta R.T. -0.003 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

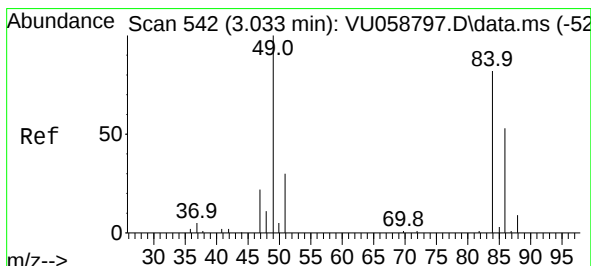
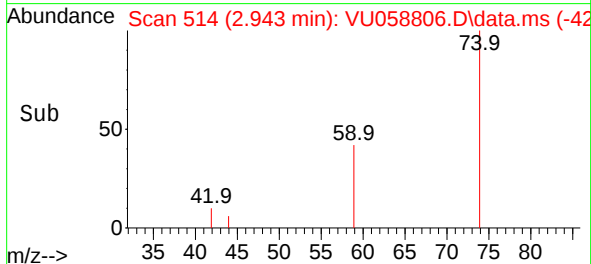
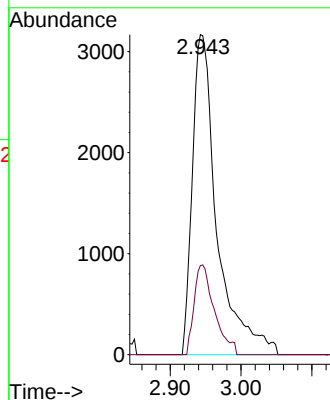
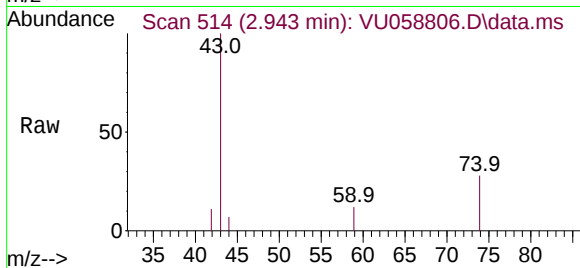
ClientSampleId :

Tgt Ion: 43 Resp: 7652

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4



#16

Methylene chloride

Concen: 4.824 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

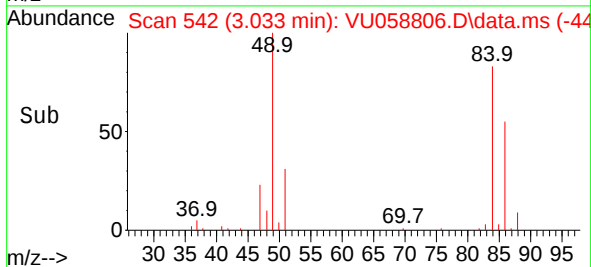
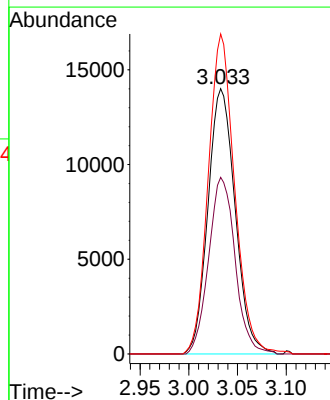
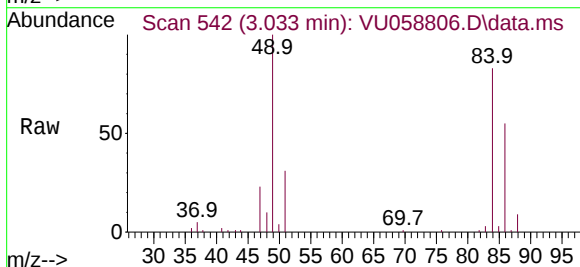
Tgt Ion: 84 Resp: 27248

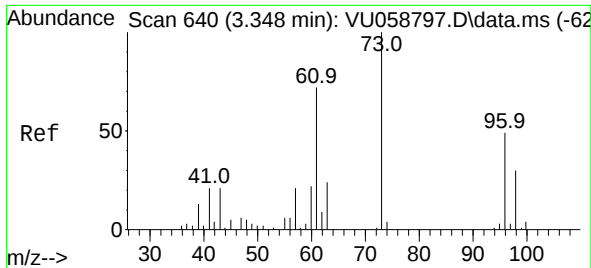
Ion Ratio Lower Upper

84 100

86 66.6 45.0 83.6

49 120.6 91.6 170.2

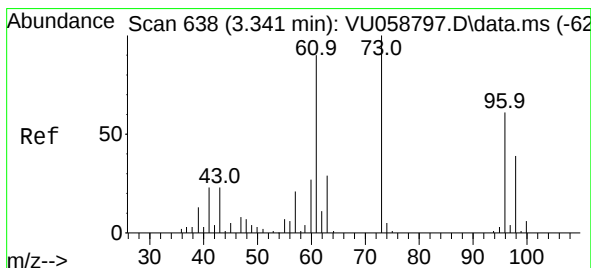
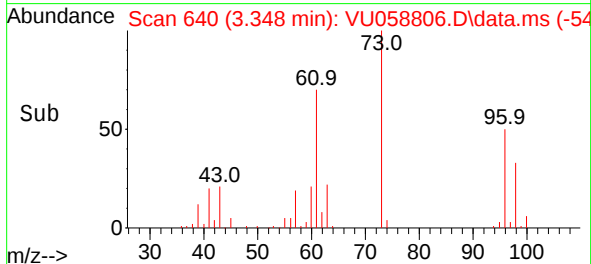
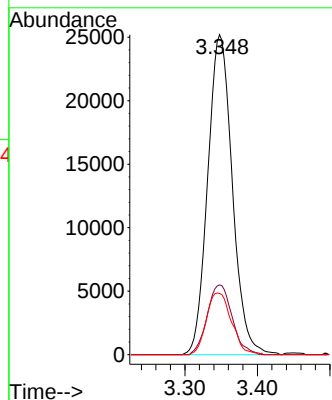
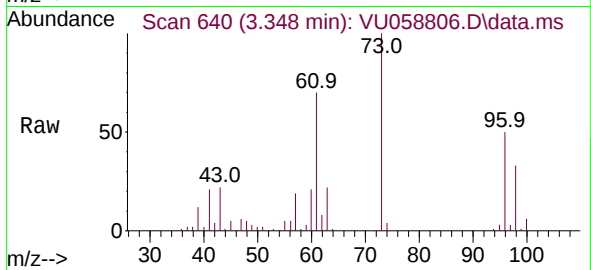




#17
Methyl tert-butyl Ether
Concen: 4.998 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

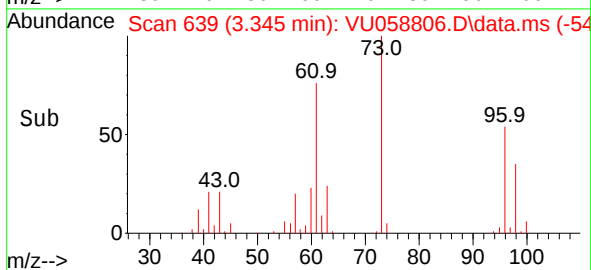
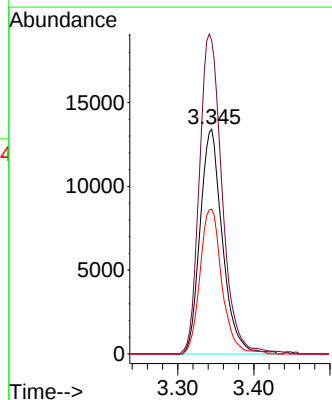
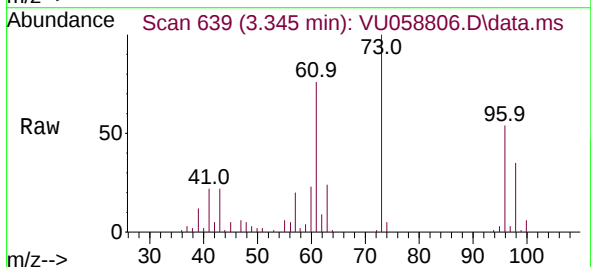
Instrument :
MSVOA_U
ClientSampleId :

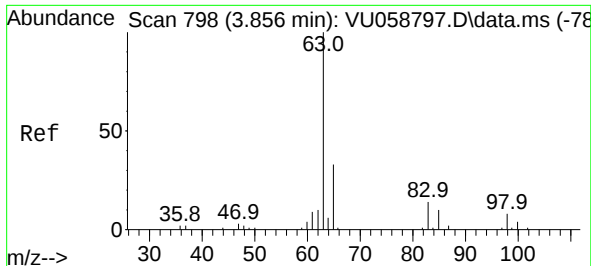
Tgt Ion: 73	Resp: 59386
Ion Ratio	Lower Upper
73 100	
43 22.1	17.7 26.5
57 19.6	17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.201 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 96	Resp: 27345
Ion Ratio	Lower Upper
96 100	
61 139.3	108.6 201.8
98 64.4	44.4 82.4

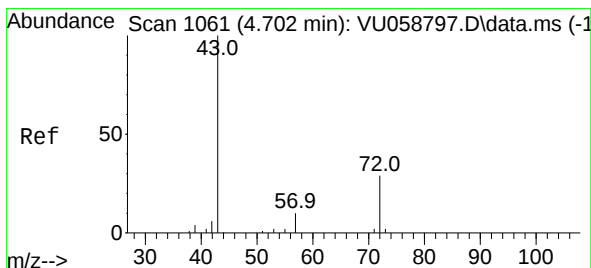
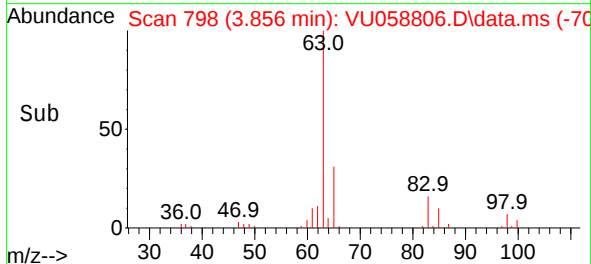
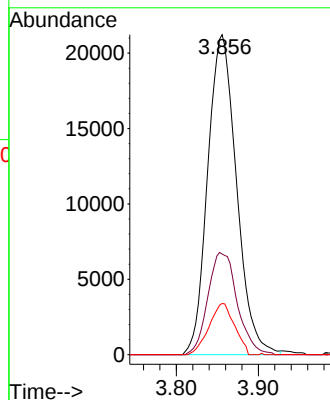
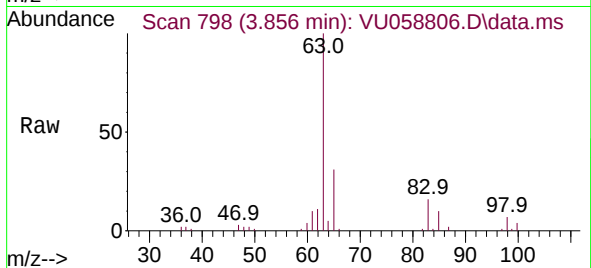




#19
1,1-Dichloroethane
Concen: 4.651 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

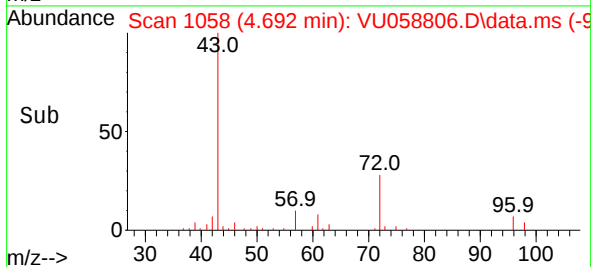
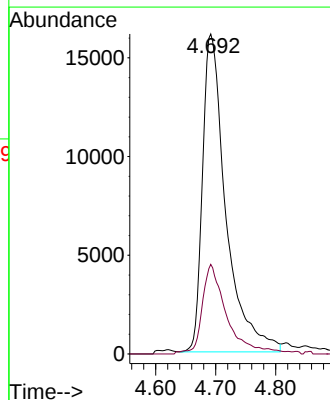
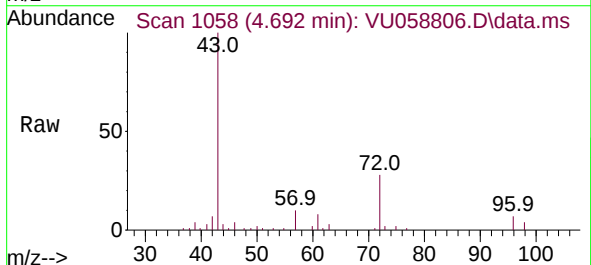
Instrument :
MSVOA_U
ClientSampleId :

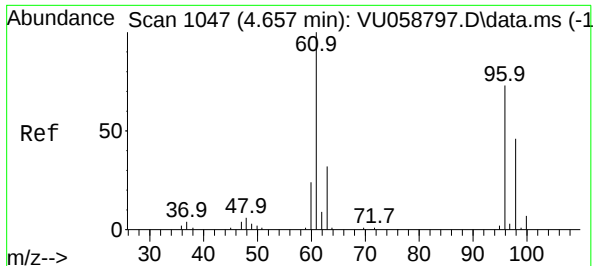
Tgt Ion: 63	Resp: 51781
Ion Ratio	Lower Upper
63 100	
65 31.4	21.6 40.2
83 16.0	9.5 17.7



#21
2-Butanone
Concen: 40.447 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.010 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

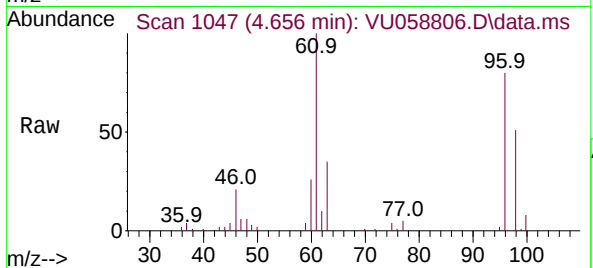
Tgt Ion: 43	Resp: 43788
Ion Ratio	Lower Upper
43 100	
72 28.5	12.8 38.4



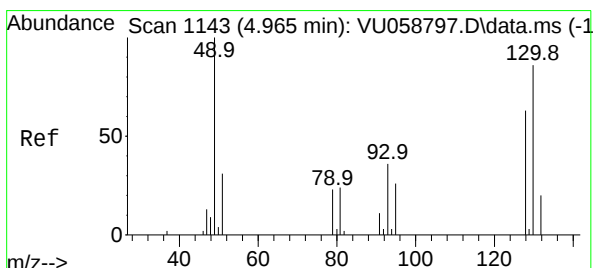
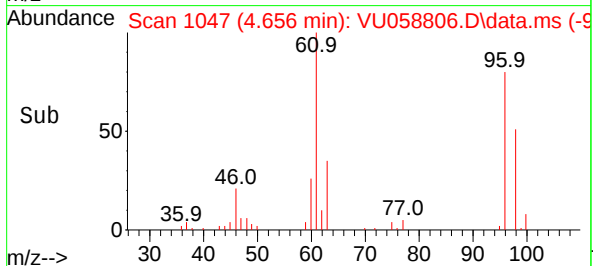
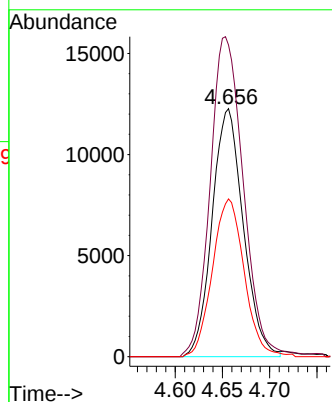


#22
 cis-1,2-Dichloroethene
 Concen: 4.873 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

Instrument :
 MSVOA_U
 ClientSampleId :

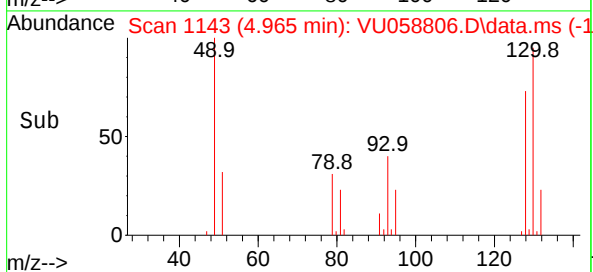
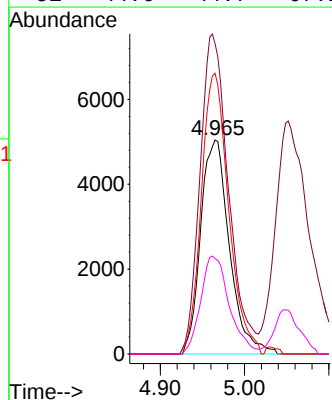
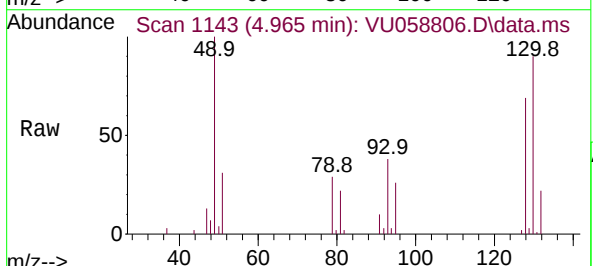


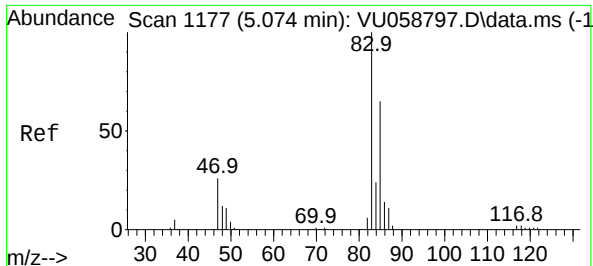
Tgt Ion:	96	Resp:	28143
Ion	Ratio	Lower	Upper
96	100		
61	125.7	100.4	186.4
98	63.6	45.1	83.7



#23
 Bromochloromethane
 Concen: 5.285 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

Tgt Ion:	128	Resp:	11951
Ion	Ratio	Lower	Upper
128	100		
49	145.0	129.1	239.7
130	131.1	92.1	171.1
51	44.6	44.7	67.1





#25

Chloroform

Concen: 5.084 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

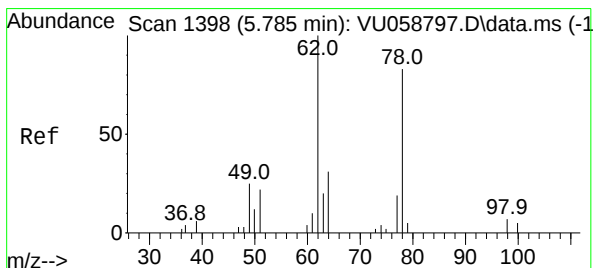
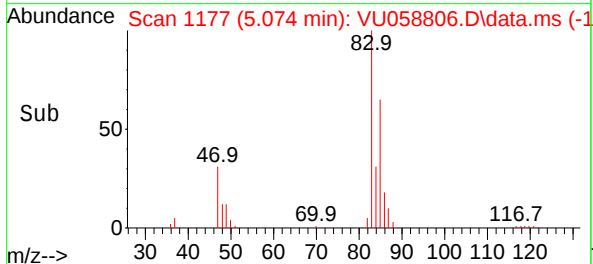
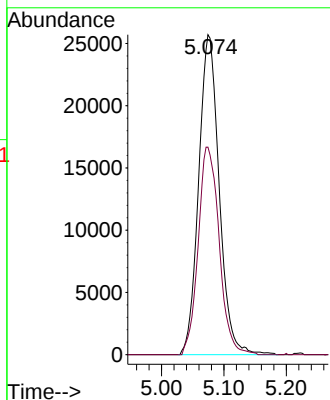
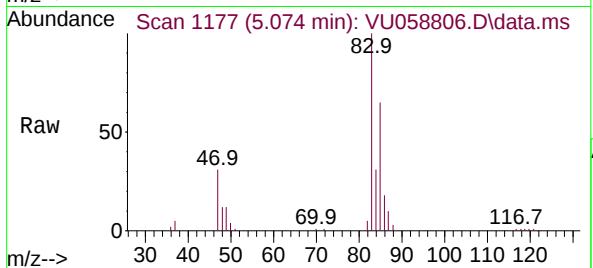
ClientSampleId :

Tgt Ion: 83 Resp: 58840

Ion Ratio Lower Upper

83 100

85 64.9 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.242 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058806.D

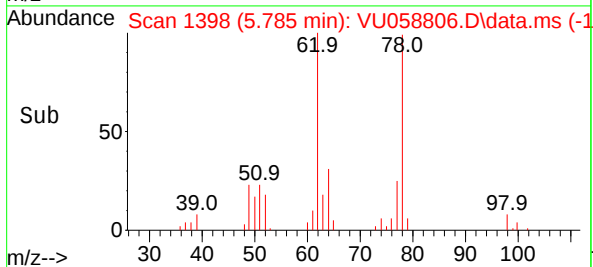
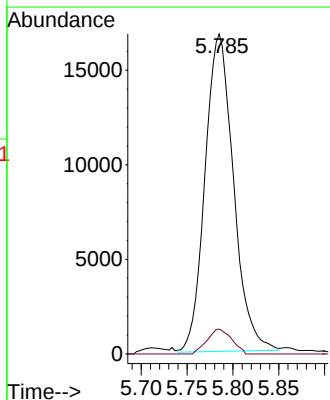
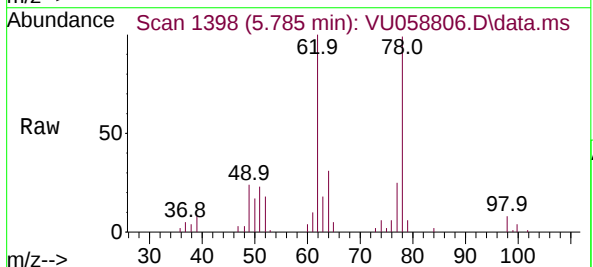
Acq: 25 Apr 2024 15:58

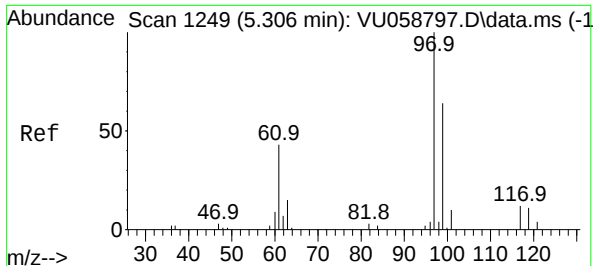
Tgt Ion: 62 Resp: 36294

Ion Ratio Lower Upper

62 100

98 7.8 6.7 10.1

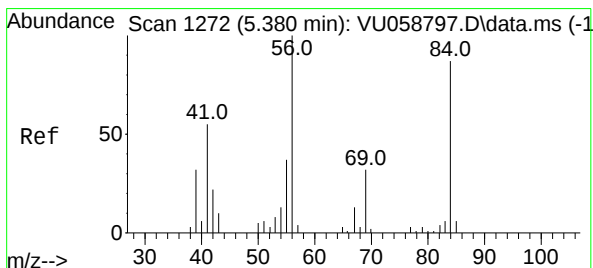
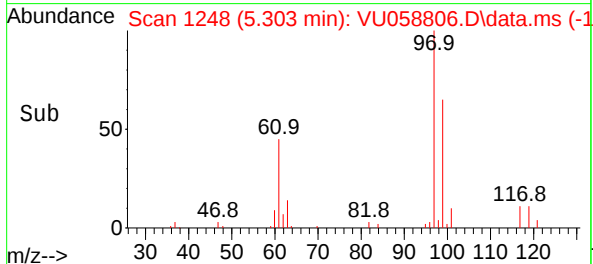
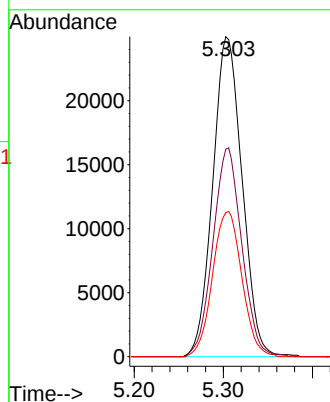
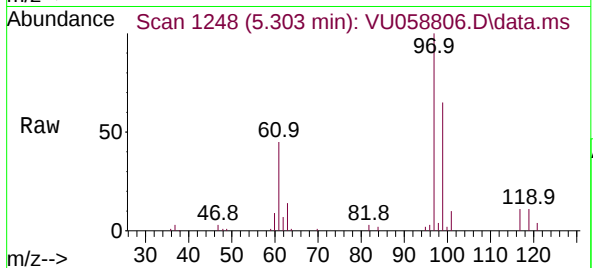




#29
1,1,1-Trichloroethane
Concen: 5.532 ug/L
RT: 5.303 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

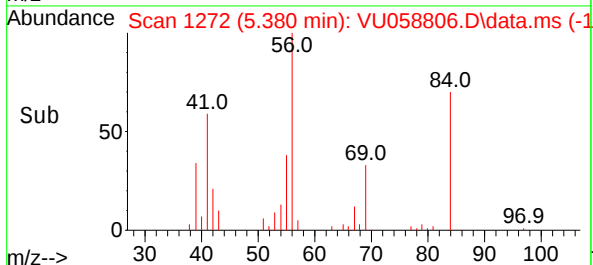
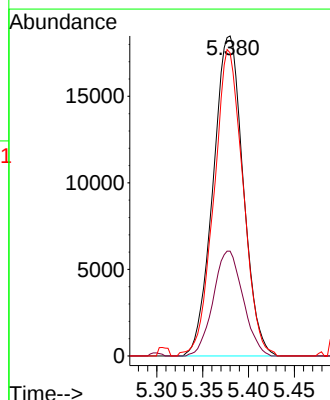
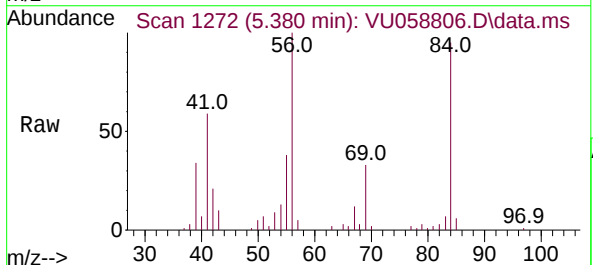
Instrument :
MSVOA_U
ClientSampleId :

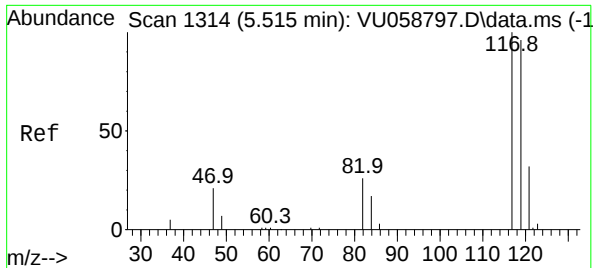
Tgt Ion:	97	Resp:	57102
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	45.4	37.3	55.9



#30
Cyclohexane
Concen: 4.323 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:	56	Resp:	42121
Ion	Ratio	Lower	Upper
56	100		
69	32.4	23.7	35.5
84	92.4	64.2	96.4

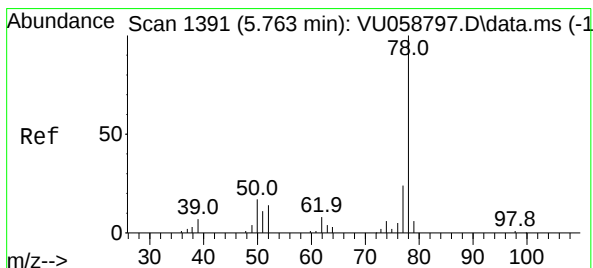
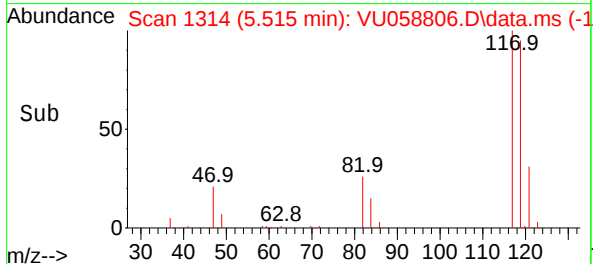
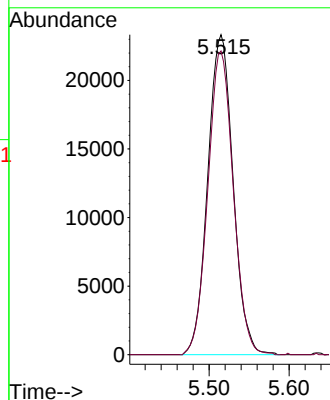
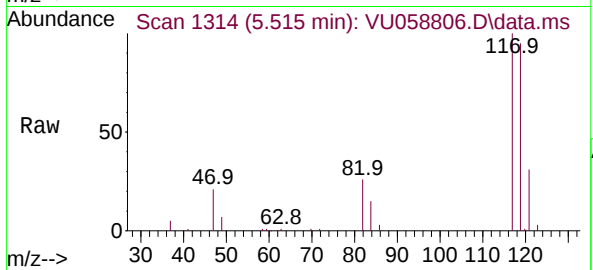




#31
Carbon tetrachloride
Concen: 5.625 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

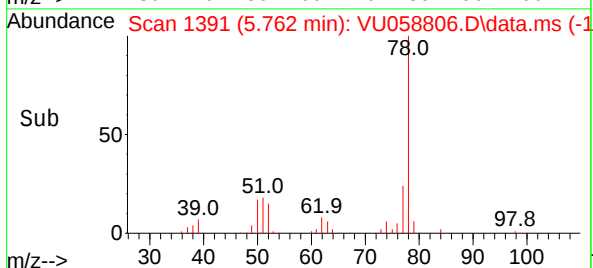
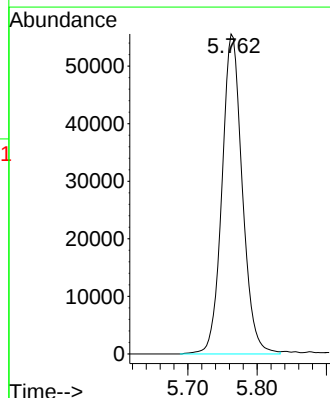
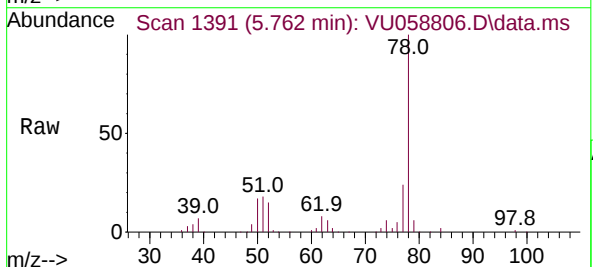
Instrument :
MSVOA_U
ClientSampleId :

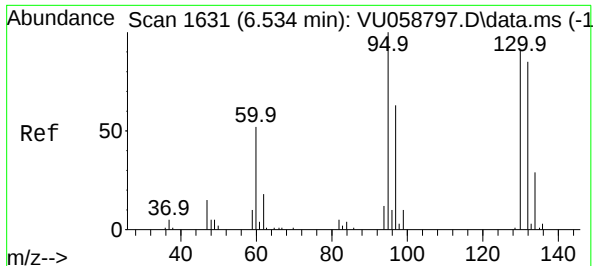
Tgt Ion:117 Resp: 51329
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4



#33
Benzene
Concen: 4.745 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

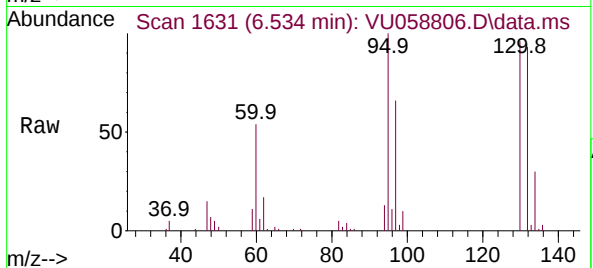
Tgt Ion: 78 Resp: 113539





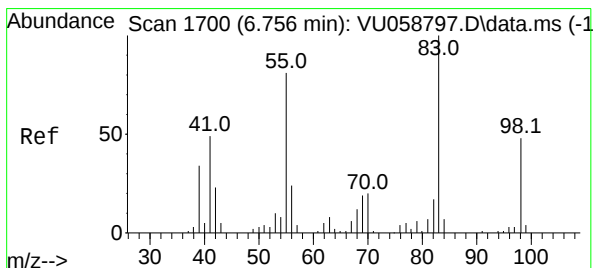
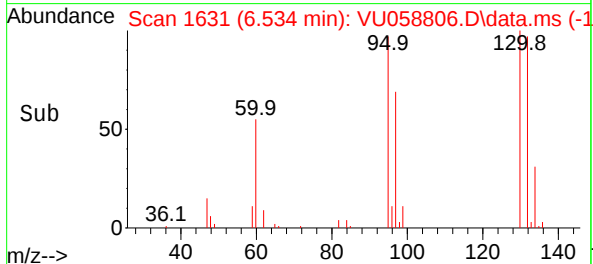
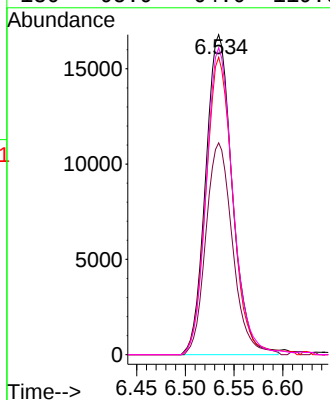
#34
Trichloroethene
Concen: 4.917 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 32018

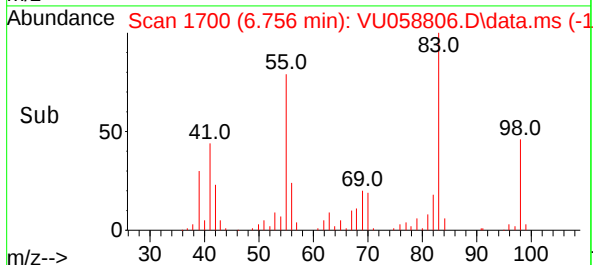
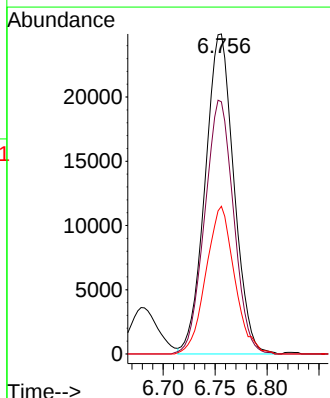
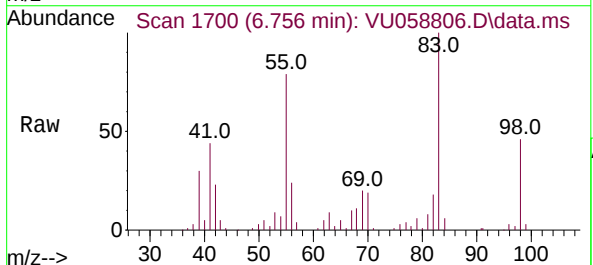
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.4	82.4
132	92.9	61.6	114.4
130	95.9	64.0	119.0

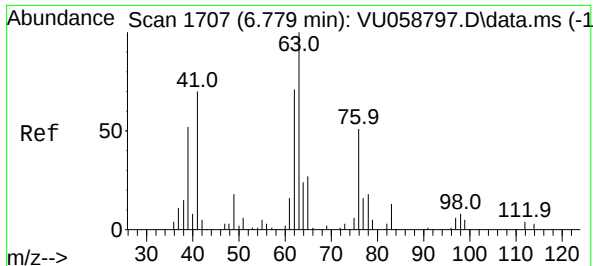


#35
Methylcyclohexane
Concen: 4.852 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 83 Resp: 48010

Ion	Ratio	Lower	Upper
83	100		
55	79.5	66.6	100.0
98	45.9	35.4	53.2

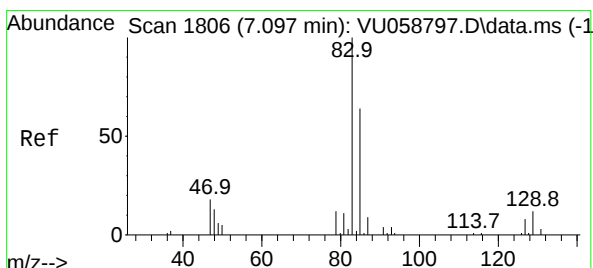
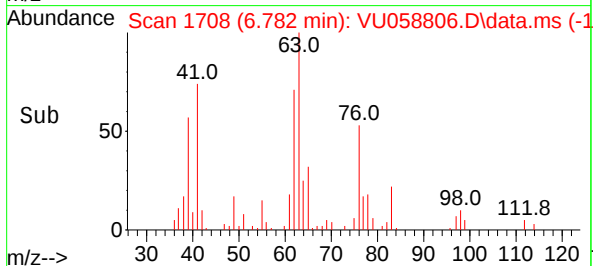
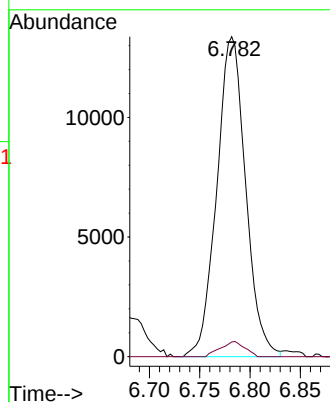
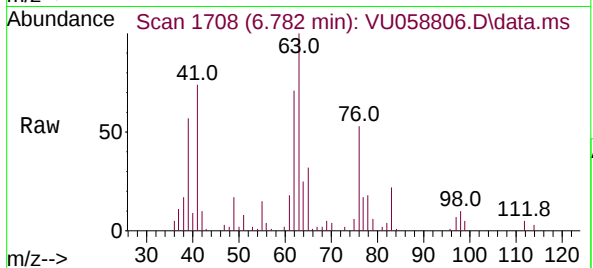




#37
1,2-Dichloropropane
Concen: 4.277 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

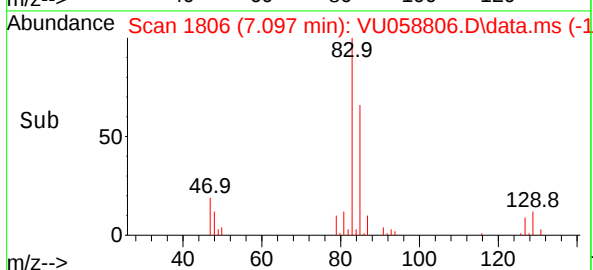
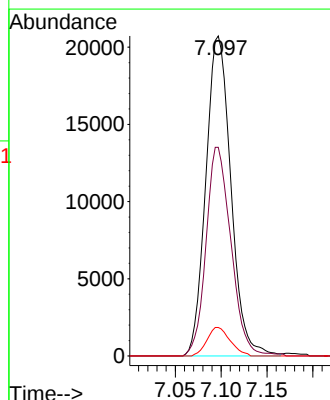
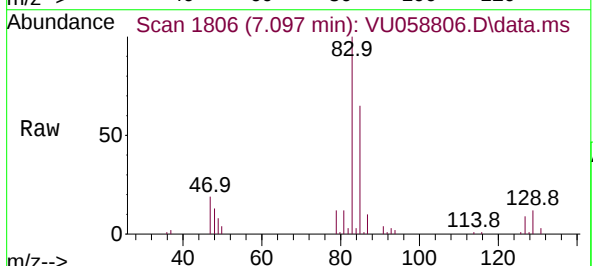
Instrument :
MSVOA_U
ClientSampleId :

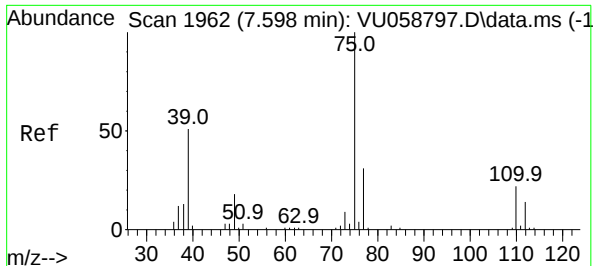
Tgt Ion: 63 Resp: 26735
Ion Ratio Lower Upper
63 100
112 4.0 2.8 4.2



#38
Bromodichloromethane
Concen: 5.099 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 83 Resp: 39486
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0
127 8.9 6.3 9.5

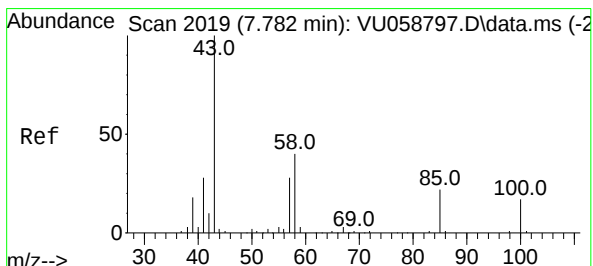
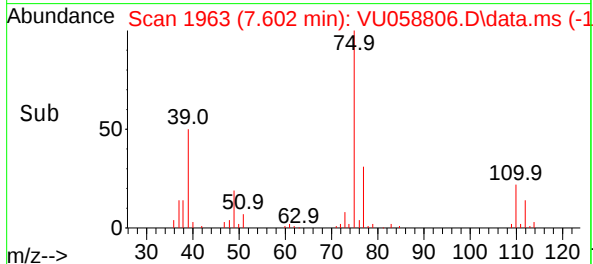
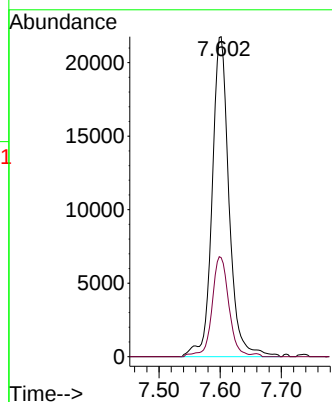
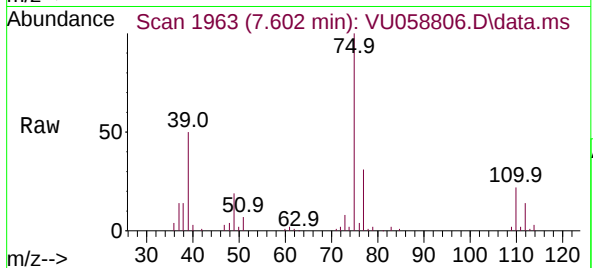




#39
 cis-1,3-Dichloropropene
 Concen: 4.841 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

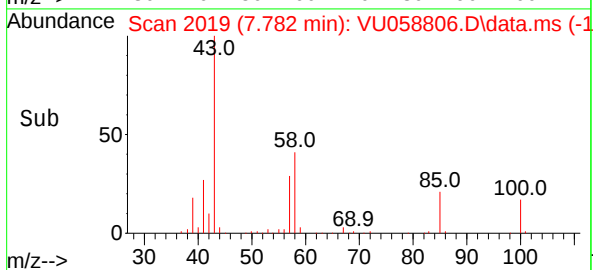
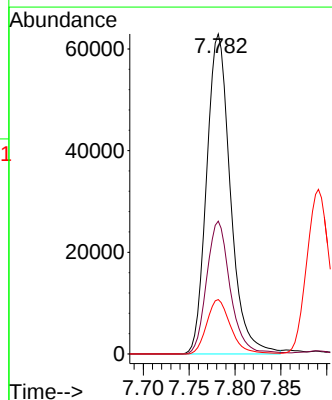
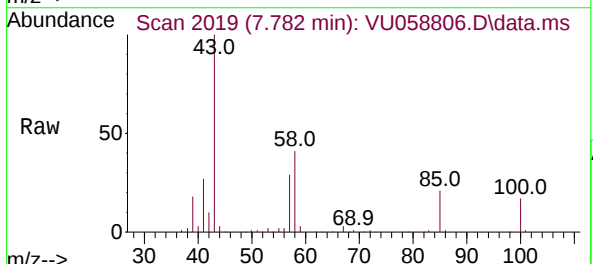
Instrument :
 MSVOA_U
 ClientSampleId :

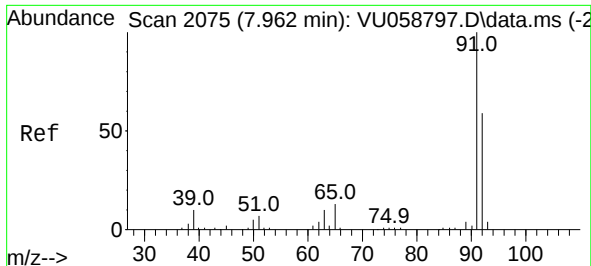
Tgt Ion: 75 Resp: 41895
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 41.206 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

Tgt Ion: 43 Resp: 113687
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.5 47.3
 100 17.1 11.4 17.0#





#42

Toluene

Concen: 5.017 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

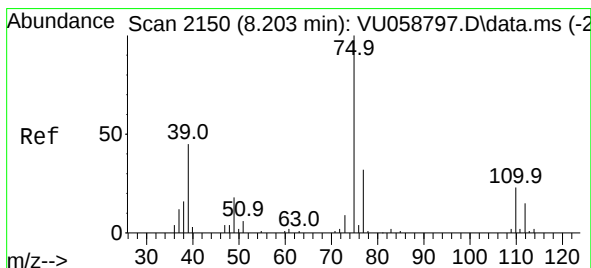
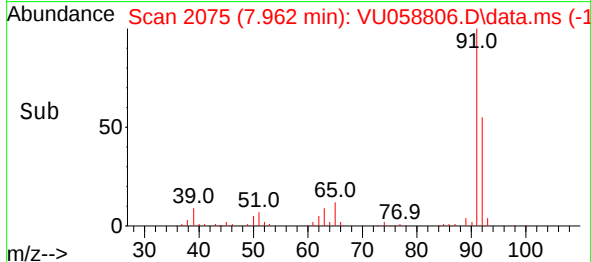
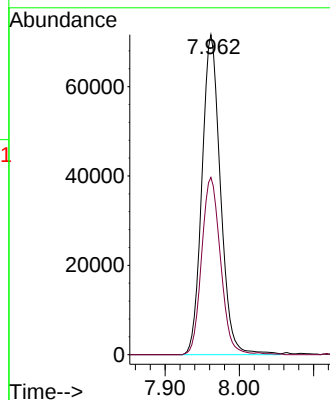
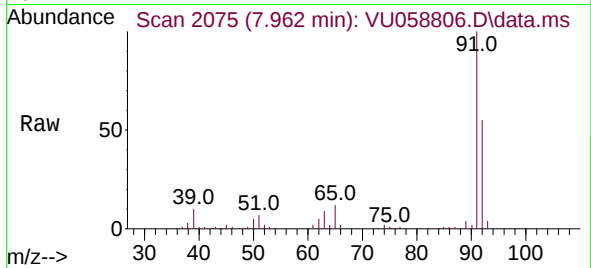
ClientSampleId :

Tgt Ion: 91 Resp: 124066

Ion Ratio Lower Upper

91 100

92 55.4 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058806.D

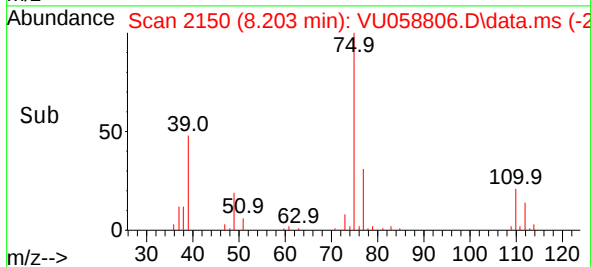
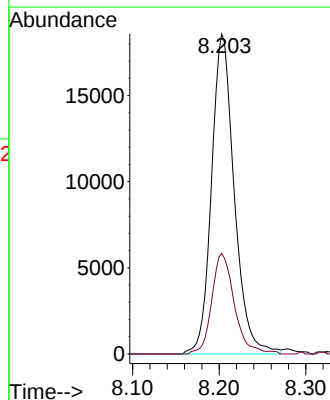
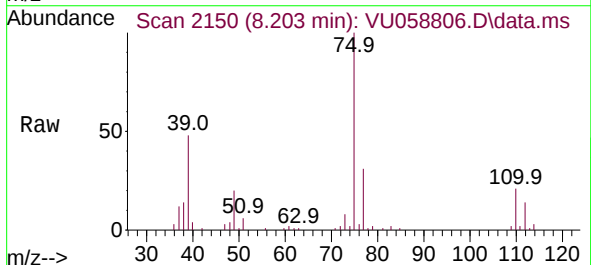
Acq: 25 Apr 2024 15:58

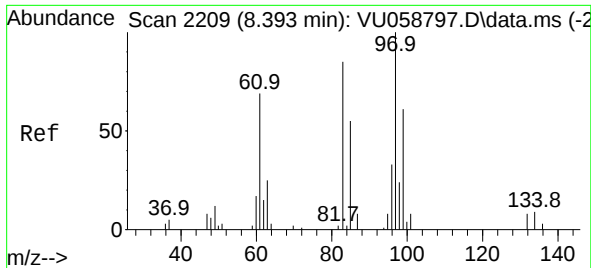
Tgt Ion: 75 Resp: 33898

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1

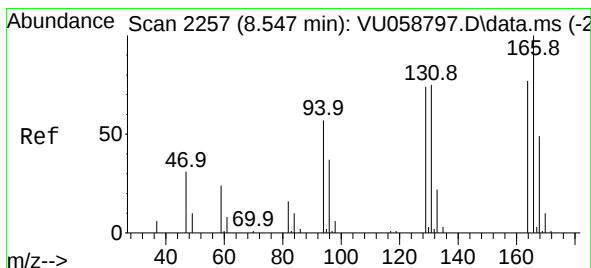
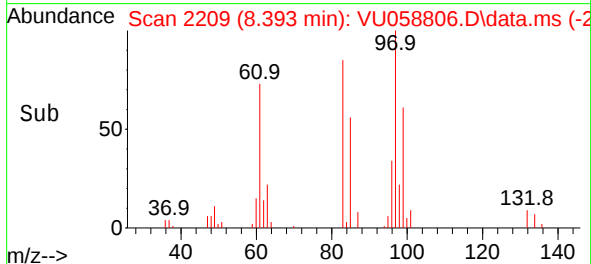
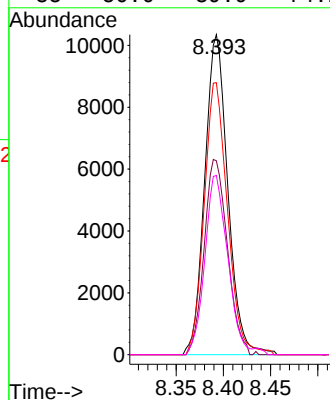
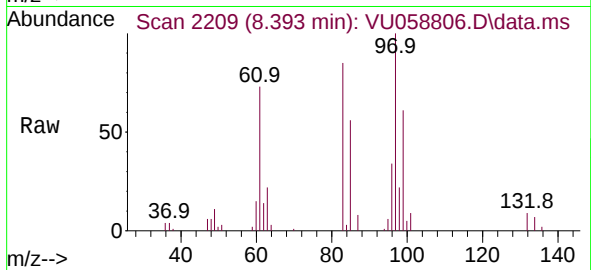




#45
1,1,2-Trichloroethane
Concen: 4.889 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

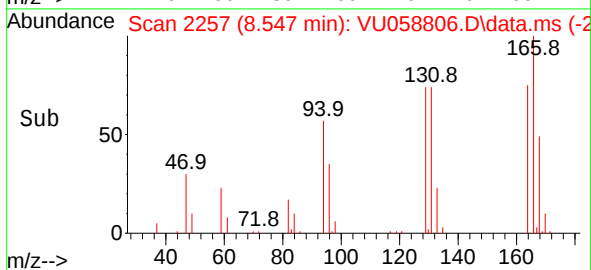
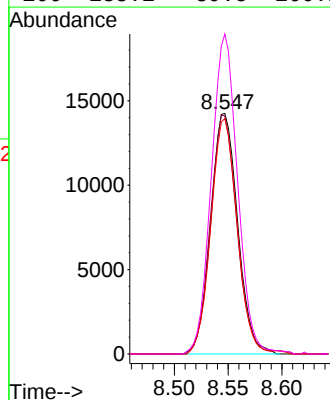
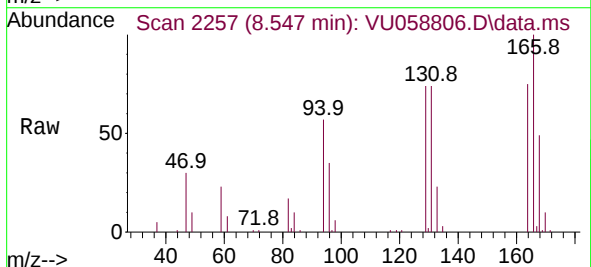
Instrument :
MSVOA_U
ClientSampleId :

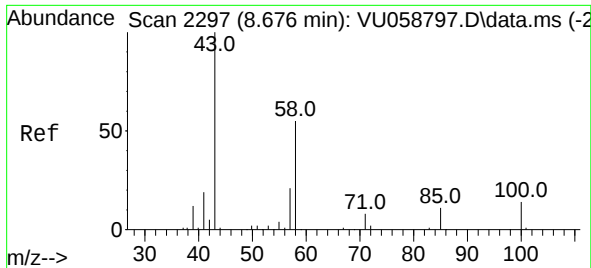
Tgt Ion:	97	Resp:	17583
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.7	81.1
83	85.0	62.9	116.9
85	56.0	39.9	74.1



#47
Tetrachloroethene
Concen: 5.439 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

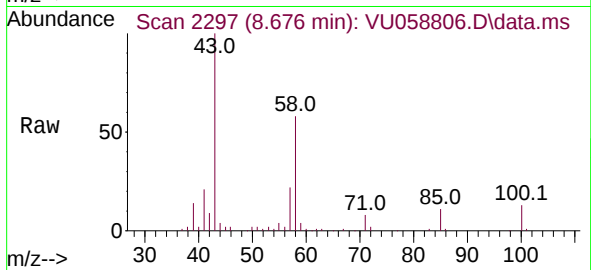
Tgt Ion:	164	Resp:	24856
Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.5	132.9
131	97.9	65.0	120.6
166	133.1	89.5	166.1



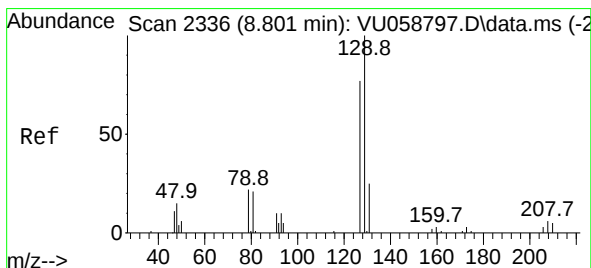
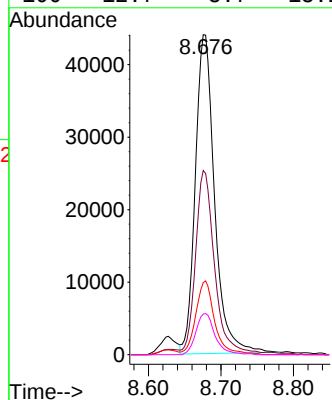
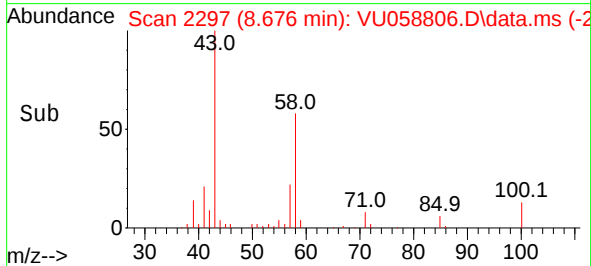


#48
2-Hexanone
Concen: 41.486 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :

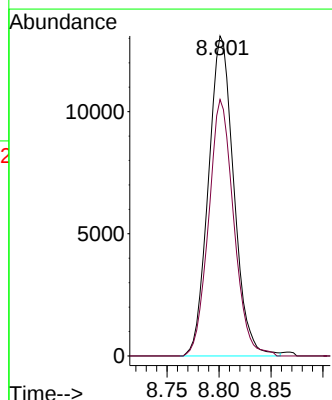
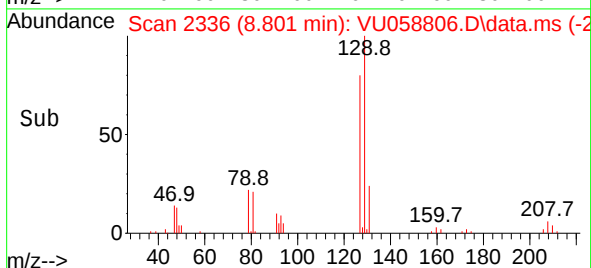
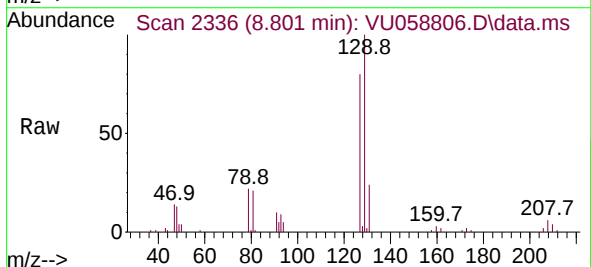


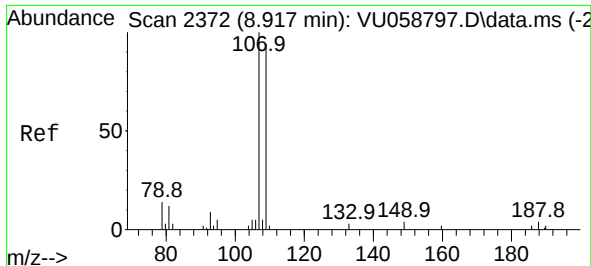
Tgt Ion: 43 Resp: 81309
Ion Ratio Lower Upper
43 100
58 55.4 43.7 65.5
57 22.7 15.0 22.4#
100 12.7 8.7 13.1



#49
Dibromochloromethane
Concen: 5.291 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion: 129 Resp: 22286
Ion Ratio Lower Upper
129 100
127 80.1 51.0 94.8

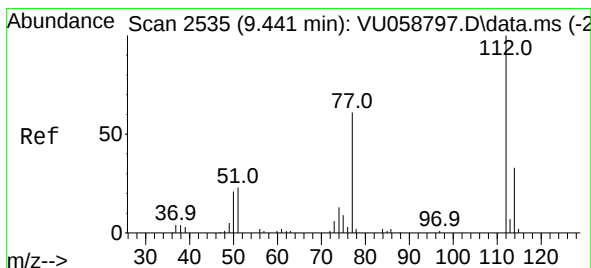
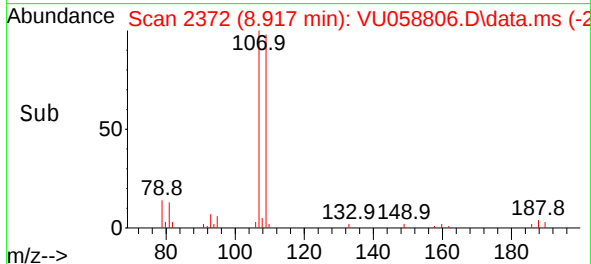
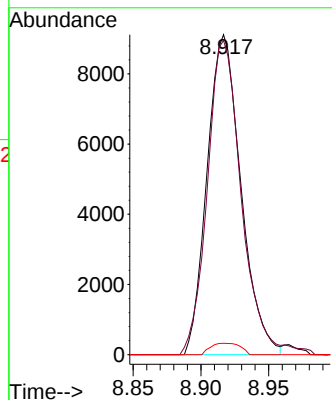
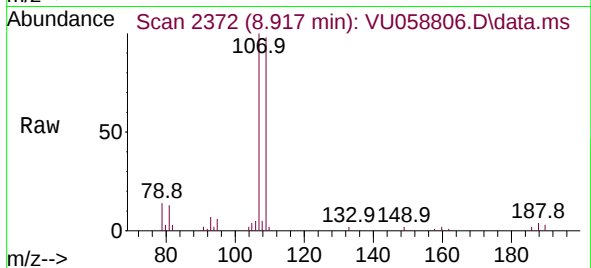




#50
1,2-Dibromoethane
Concen: 4.792 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

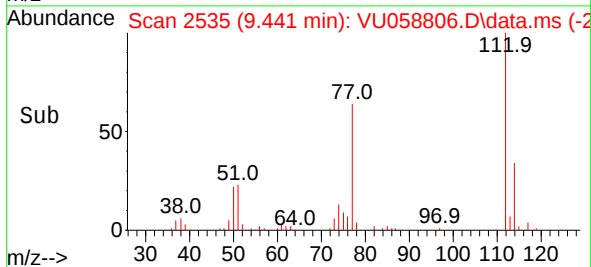
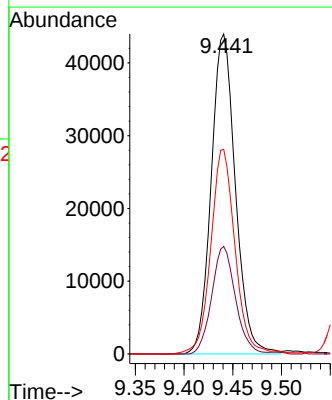
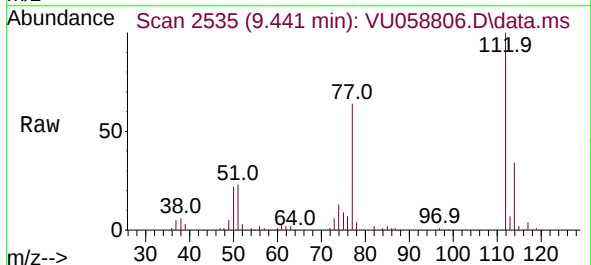
Instrument :
MSVOA_U
ClientSampleId :

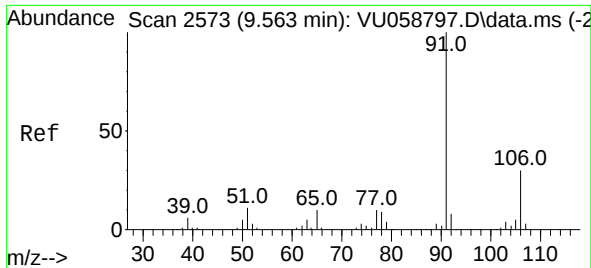
Tgt Ion:	107	Resp:	15857
Ion Ratio	Lower	Upper	
107	100		
109	98.2	62.3	115.7
188	3.5	2.9	4.3



#51
Chlorobenzene
Concen: 5.038 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:	112	Resp:	75916
Ion Ratio	Lower	Upper	
112	100		
114	33.6	21.7	40.3
77	64.0	50.5	75.7





#52

Ethylbenzene

Concen: 5.138 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

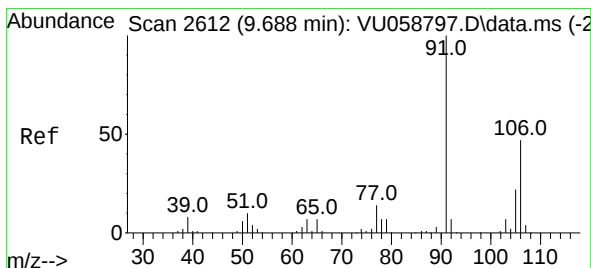
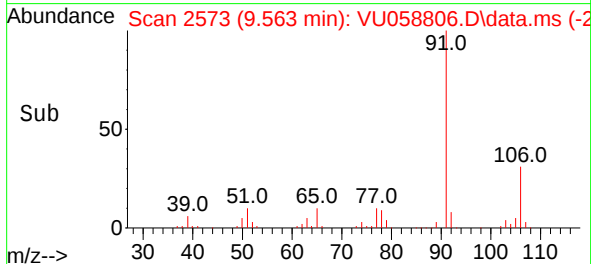
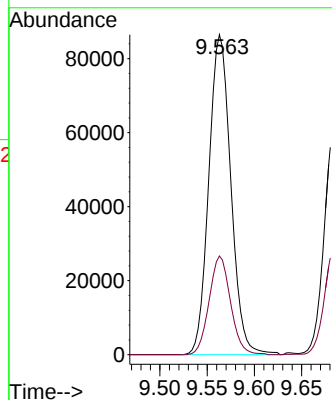
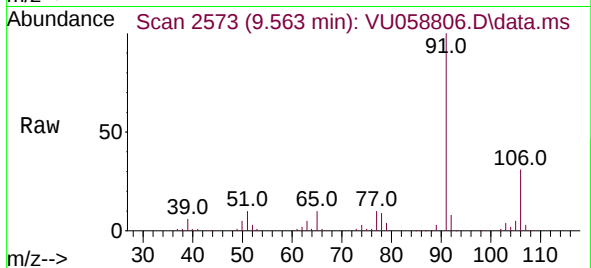
ClientSampleId :

Tgt Ion: 91 Resp: 140142

Ion Ratio Lower Upper

91 100

106 30.8 20.9 38.9



#53

m,p-Xylene

Concen: 5.258 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU058806.D

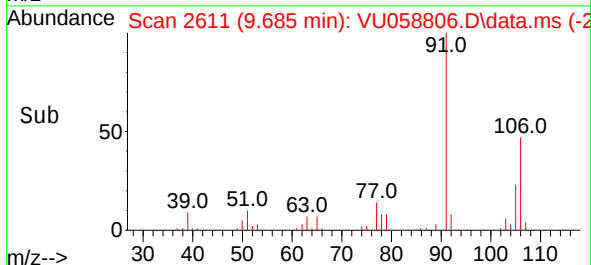
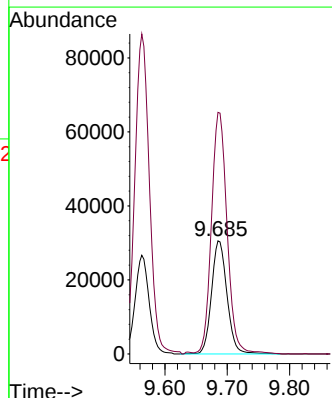
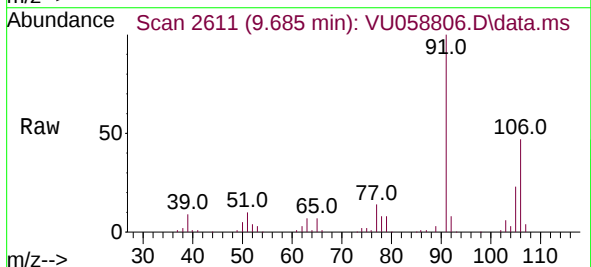
Acq: 25 Apr 2024 15:58

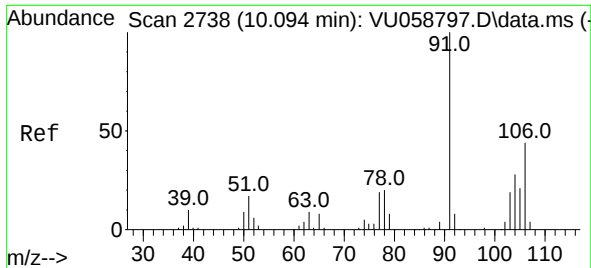
Tgt Ion:106 Resp: 52680

Ion Ratio Lower Upper

106 100

91 213.5 155.1 288.1

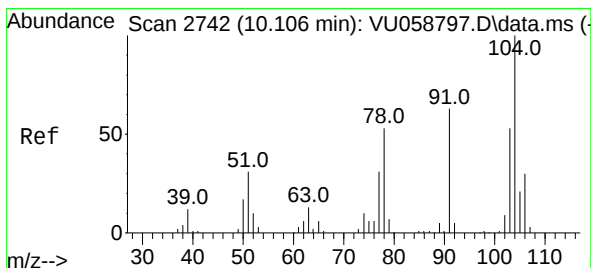
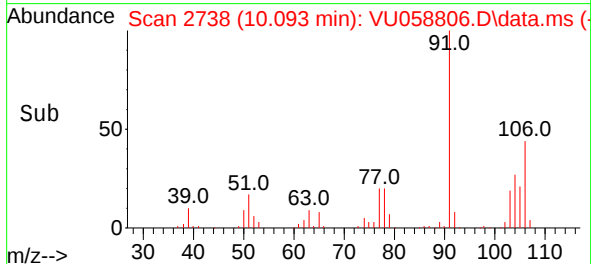
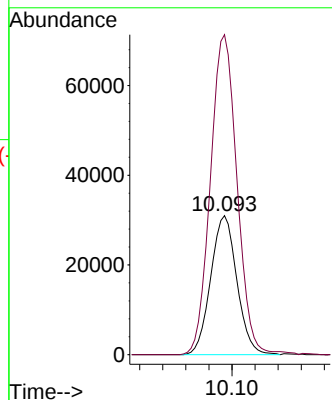
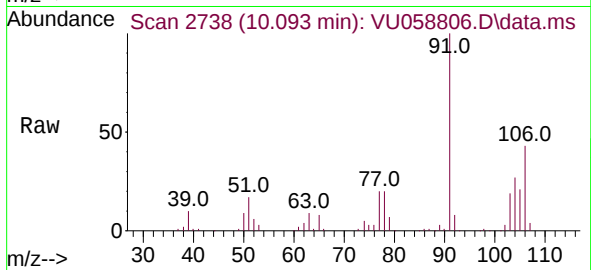




#54
o-Xylene
Concen: 5.135 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

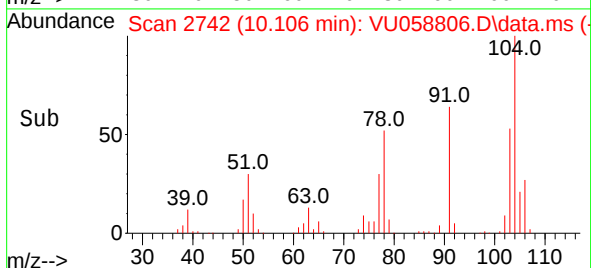
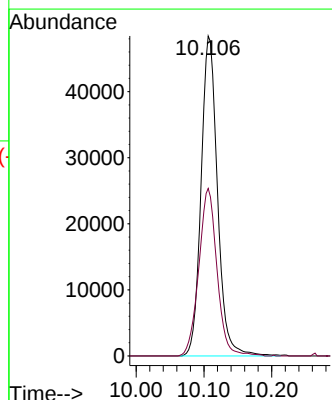
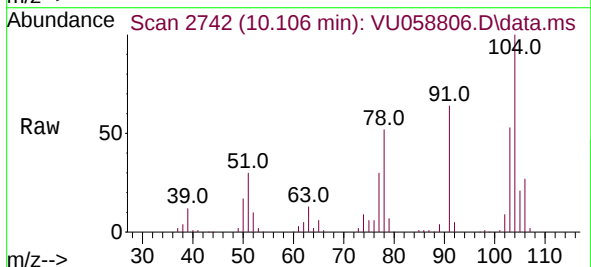
Instrument :
MSVOA_U
ClientSampleId :

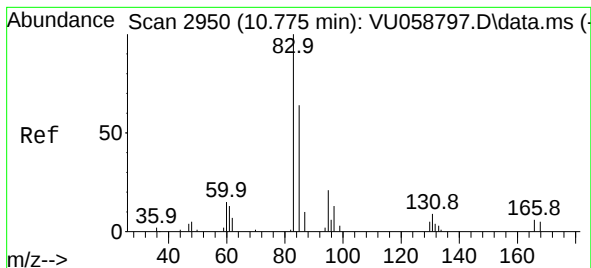
Tgt Ion:106 Resp: 48774
Ion Ratio Lower Upper
106 100
91 230.2 163.7 304.1



#55
Styrene
Concen: 5.264 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:104 Resp: 81454
Ion Ratio Lower Upper
104 100
78 52.4 37.1 68.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.582 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :

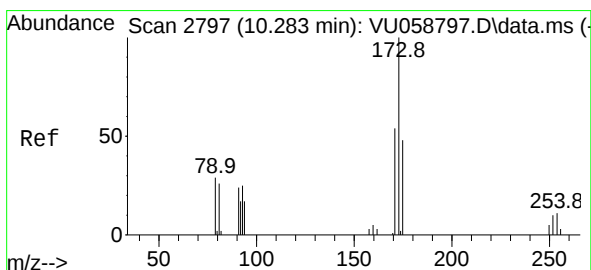
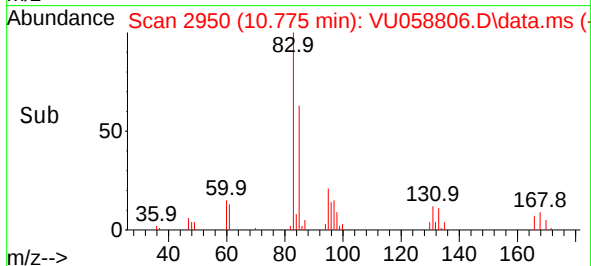
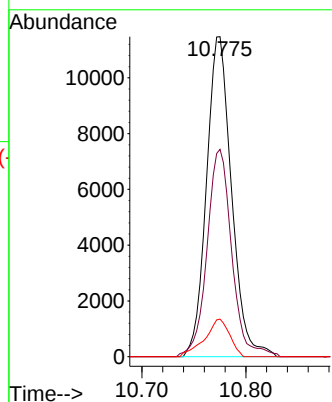
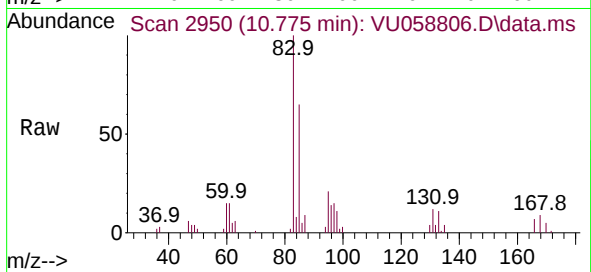
Tgt Ion: 83 Resp: 19208

Ion Ratio Lower Upper

83 100

85 64.8 44.6 82.8

131 11.8 6.7 10.1#



#59

Bromoform

Concen: 4.806 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

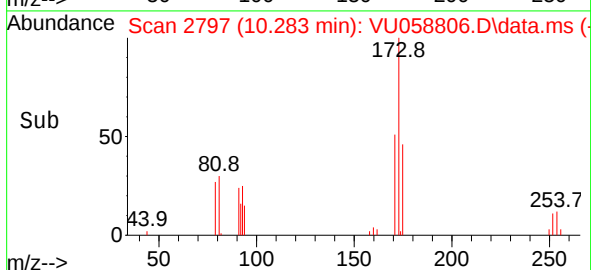
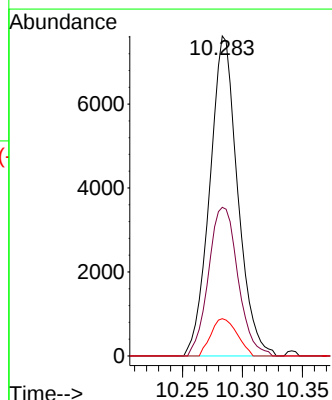
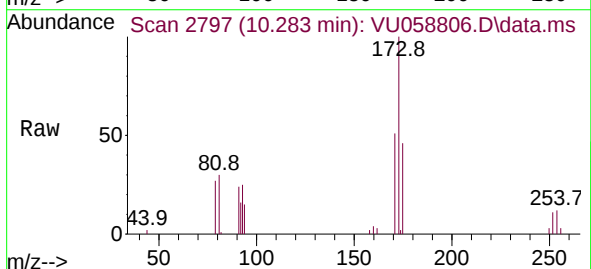
Tgt Ion:173 Resp: 12321

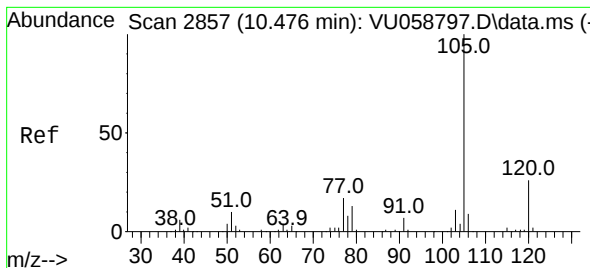
Ion Ratio Lower Upper

173 100

175 49.0 39.3 58.9

254 10.8 7.5 11.3





#60

Isopropylbenzene

Concen: 4.939 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU058806.D

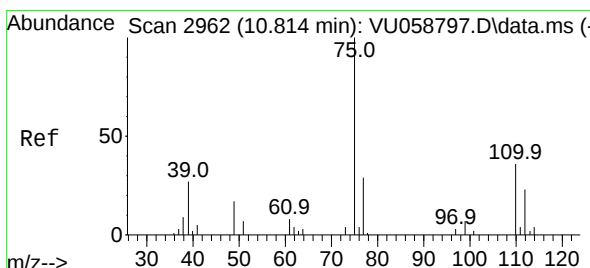
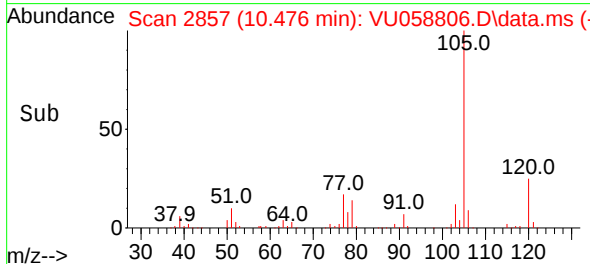
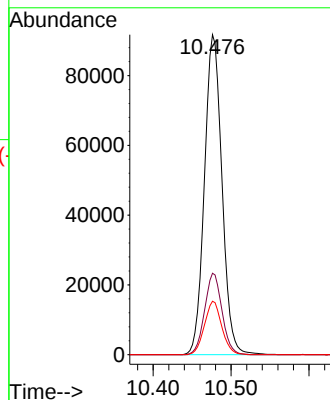
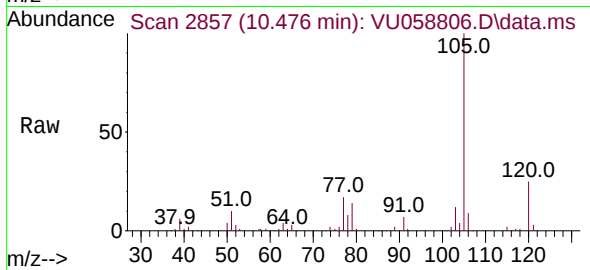
Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	143411
Ion Ratio	Lower	Upper	
105	100		
120	25.2	19.6	29.4
77	16.5	13.8	20.8



#61

1,2,3-Trichloropropane

Concen: 4.250 ug/L

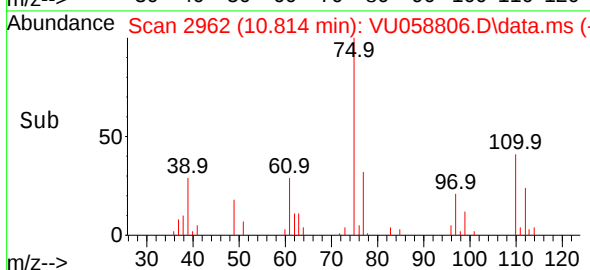
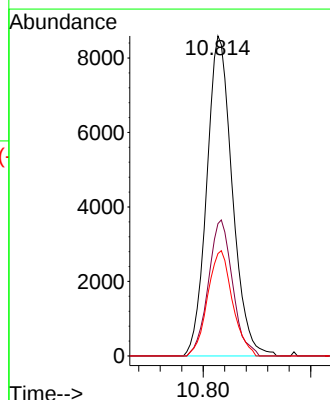
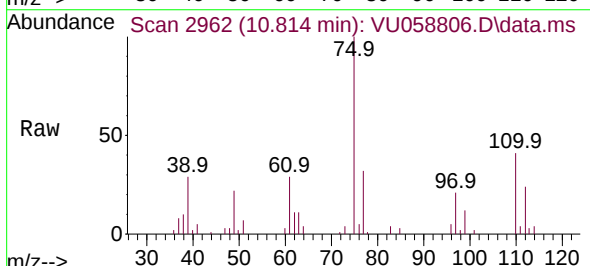
RT: 10.814 min Scan# 2962

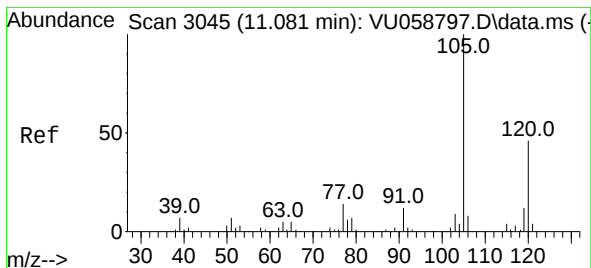
Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Tgt Ion:	75	Resp:	14159
Ion Ratio	Lower	Upper	
75	100		
110	40.2	28.6	43.0
77	32.0	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.983 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

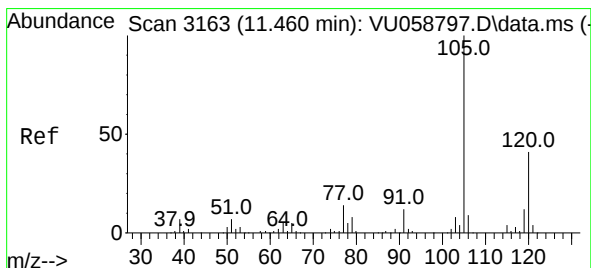
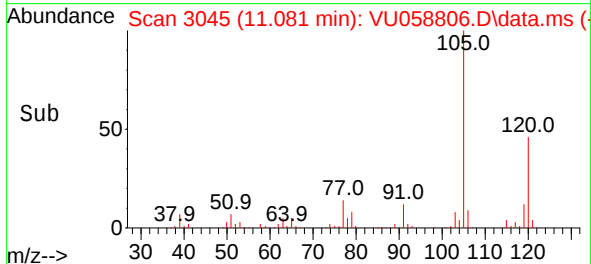
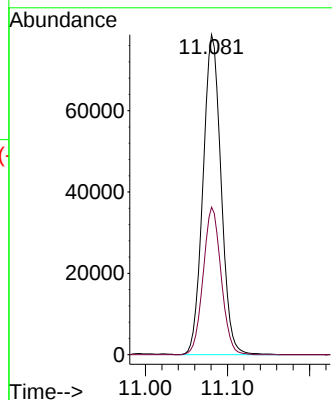
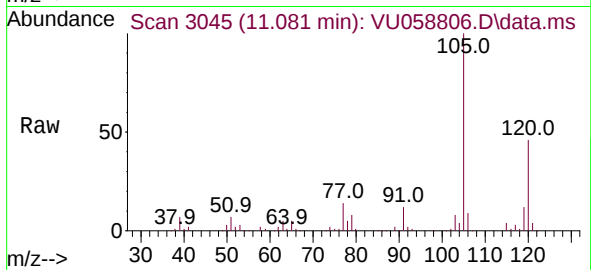
ClientSampleId :

Tgt Ion:105 Resp: 120428

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 5.134 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058806.D

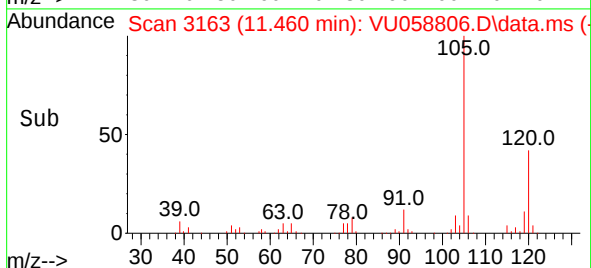
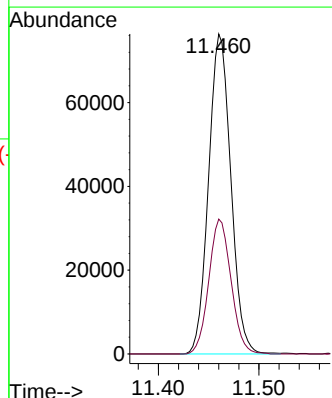
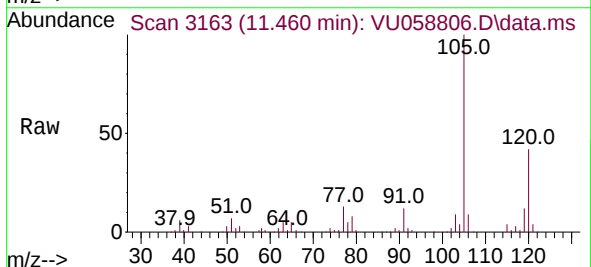
Acq: 25 Apr 2024 15:58

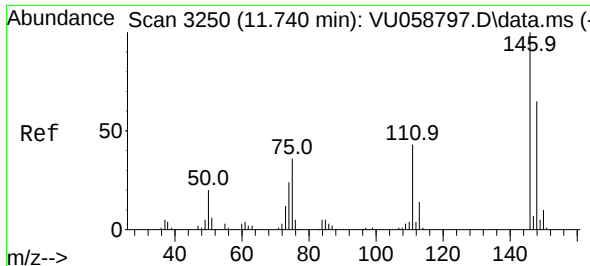
Tgt Ion:105 Resp: 117389

Ion Ratio Lower Upper

105 100

120 42.1 33.4 50.0

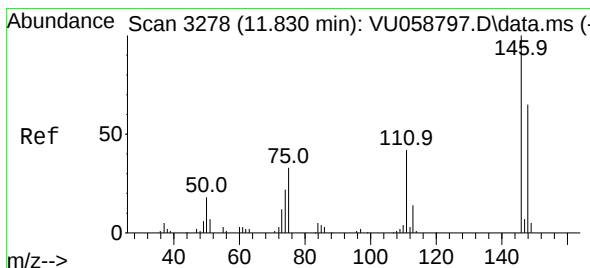
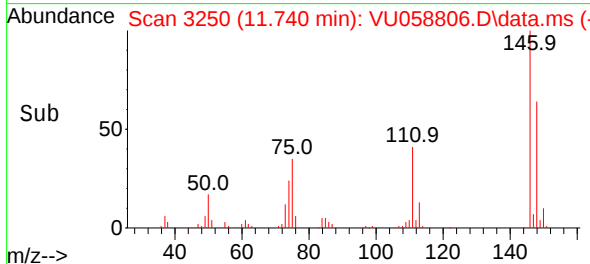
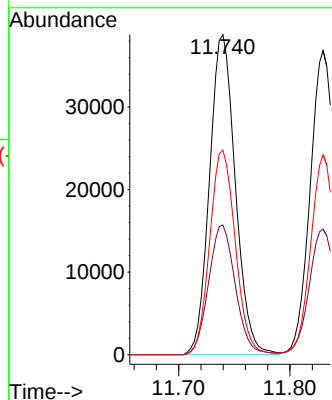
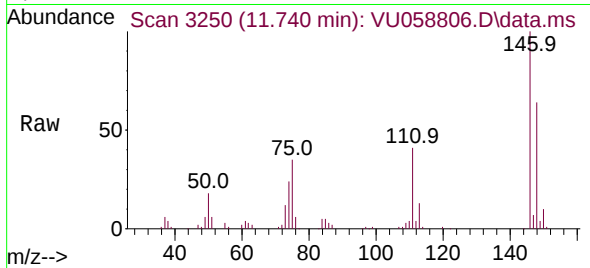




#64
1,3-Dichlorobenzene
Concen: 4.991 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

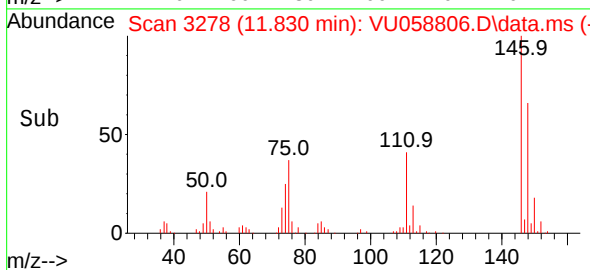
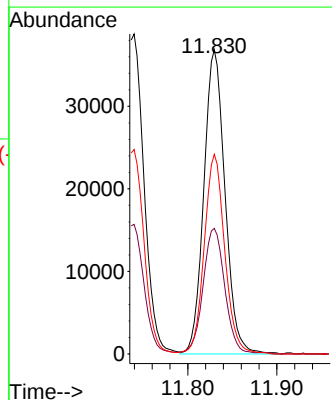
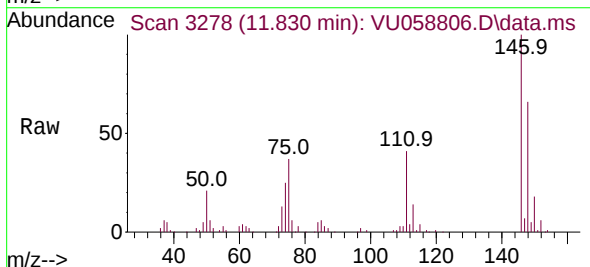
Instrument :
MSVOA_U
ClientSampleId :

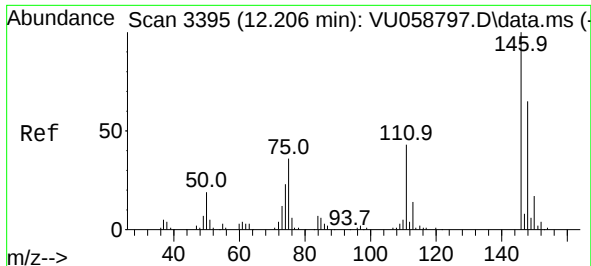
Tgt Ion:146 Resp: 62462
Ion Ratio Lower Upper
146 100
111 40.5 30.9 57.3
148 63.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:146 Resp: 60848
Ion Ratio Lower Upper
146 100
111 41.3 29.3 54.3
148 65.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.067 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

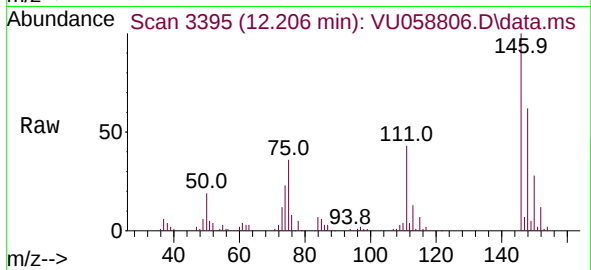
Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :



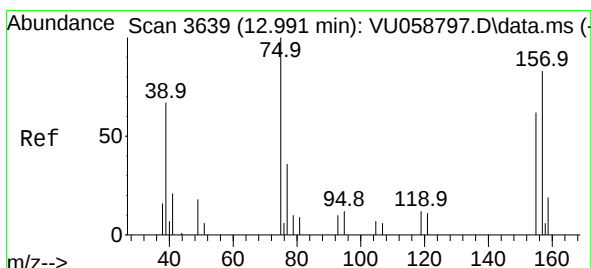
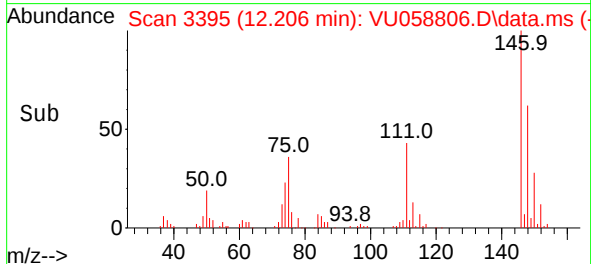
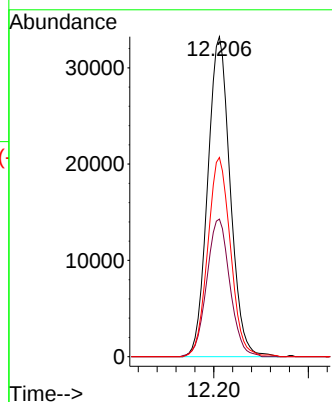
Tgt Ion:146 Resp: 54905

Ion Ratio Lower Upper

146 100

111 43.0 35.7 53.5

148 62.2 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.877 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058806.D

Acq: 25 Apr 2024 15:58

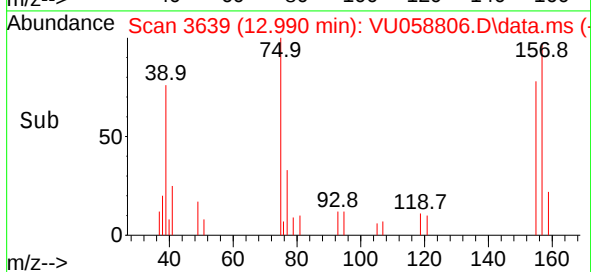
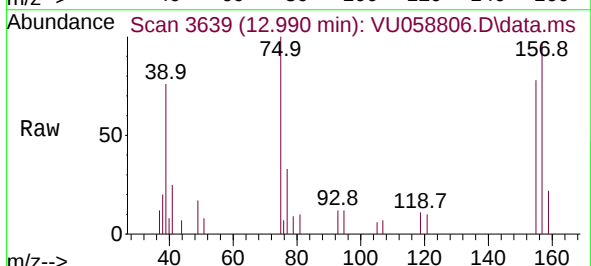
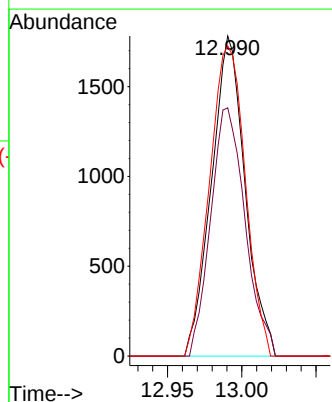
Tgt Ion: 75 Resp: 2808

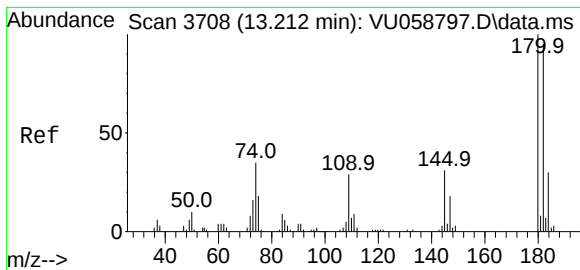
Ion Ratio Lower Upper

75 100

155 77.6 53.6 80.4

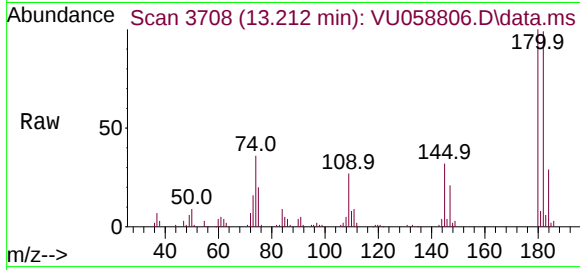
157 96.9 68.7 103.1



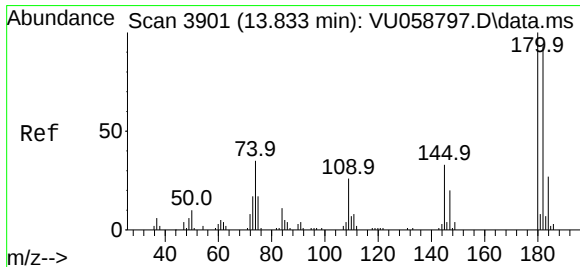
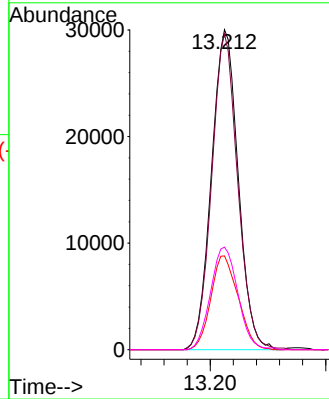
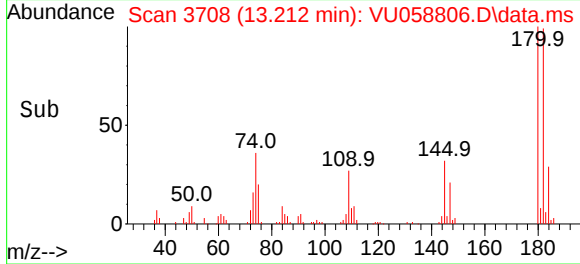


#69
 1,3,5-Trichlorobenzene
 Concen: 5.371 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

Instrument :
 MSVOA_U
 ClientSampleId :

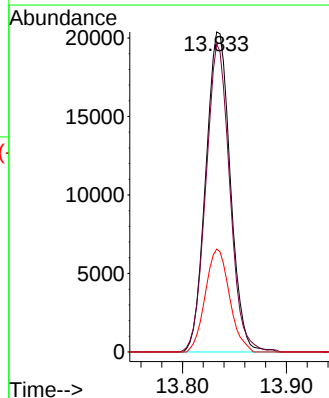
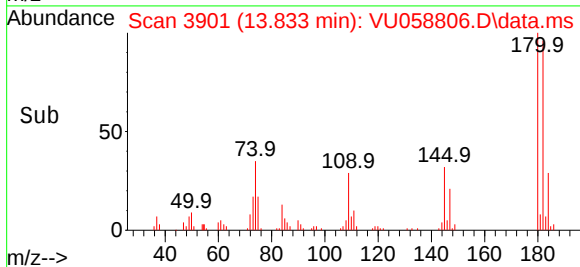
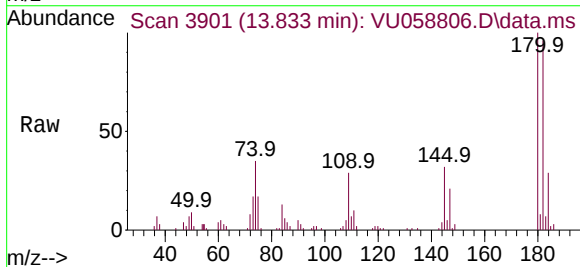


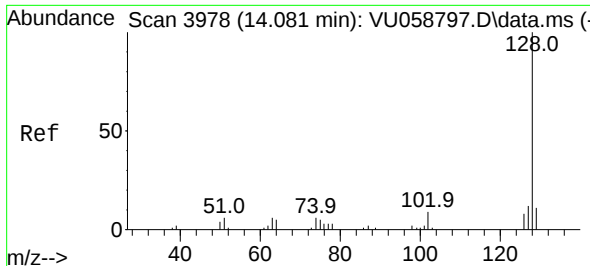
Tgt Ion:	180	Resp:	48086
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.9	113.9
184	30.0	24.7	37.1
145	32.9	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.362 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU058806.D
 Acq: 25 Apr 2024 15:58

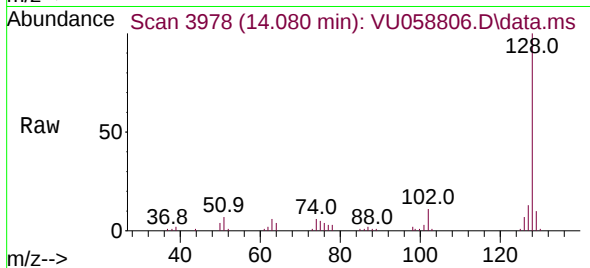
Tgt Ion:	180	Resp:	33375
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.9	113.9
145	31.7	25.7	38.5



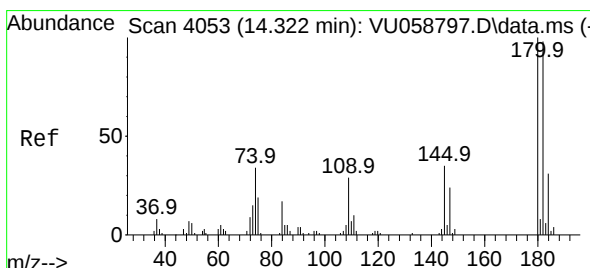
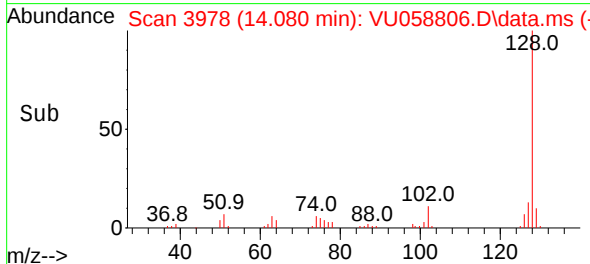
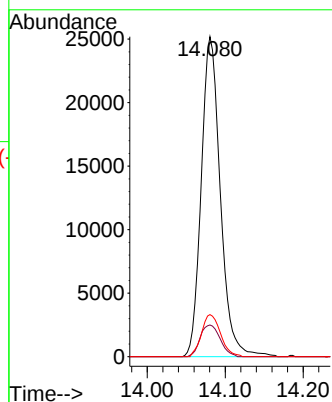


#71
Naphthalene
Concen: 5.693 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 42869
Ion Ratio Lower Upper
128 100
129 10.4 8.2 12.4
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.179 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058806.D
Acq: 25 Apr 2024 15:58

Tgt Ion:180 Resp: 25547
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.6
145 35.2 27.6 41.4

